

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010747.D
 Acq On : 09 Jul 2019 13:51
 Operator : JC/SP
 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Quant Time: Jul 10 02:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	99202	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	93759	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	349408	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.13	95	125300	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34697	23.885	ug/l	99
3) Chloromethane	1.32	50	37016	21.883	ug/l	95
4) Vinyl Chloride	1.41	62	39790	21.476	ug/l	97
5) Bromomethane	1.64	94	23575	26.118	ug/l	94
6) Chloroethane	1.72	64	25015	22.885	ug/l	99
7) Trichlorofluoromethane	1.93	101	66972	22.802	ug/l	97
8) Diethyl Ether	2.19	74	23286	22.108	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38212	21.469	ug/l	99
10) Methyl Iodide	2.51	142	43632	17.177	ug/l	97
11) Tert butyl alcohol	3.04	59	44491	86.789	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37880	20.915	ug/l	98
13) Acrolein	2.29	56	27101	79.692	ug/l	98
14) Allyl chloride	2.73	41	54326	21.128	ug/l	97
15) Acrylonitrile	3.14	53	109274	107.663	ug/l	100
16) Acetone	2.45	43	88673	90.312	ug/l	98
17) Carbon Disulfide	2.57	76	89675	18.455	ug/l	100
18) Methyl Acetate	2.78	43	43703	22.333	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	121054	21.246	ug/l	100
20) Methylene Chloride	2.85	84	43240	21.400	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39721	20.392	ug/l	97
22) Diisopropyl ether	3.86	45	117272	21.814	ug/l	# 87
23) Vinyl Acetate	3.82	43	499355	107.521	ug/l	97
24) 1,1-Dichloroethane	3.70	63	66894	21.527	ug/l	99
25) 2-Butanone	4.67	43	144321	100.206	ug/l	99
26) 2,2-Dichloropropane	4.58	77	50129	18.570	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	46085	20.474	ug/l	97
28) Bromochloromethane	5.02	49	28679	19.303	ug/l	92
29) Tetrahydrofuran	5.13	42	93950	105.313	ug/l	99
30) Chloroform	5.21	83	70841	21.188	ug/l	97
31) Cyclohexane	5.58	56	61099	21.591	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	60746	20.576	ug/l	99
36) 1,1-Dichloropropene	5.80	75	51321	20.702	ug/l	99
37) Ethyl Acetate	4.84	43	54254	21.273	ug/l	98
38) Carbon Tetrachloride	5.79	117	52640	19.609	ug/l	98

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 Data File : VX010747.D
 Acq On : 09 Jul 2019 13:51
 Operator : JC/SP
 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Quant Time: Jul 10 02:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65546	20.115	ug/l	93
40) Benzene	6.14	78	162151	20.995	ug/l	100
41) Methacrylonitrile	5.04	41	29326	20.957	ug/l	98
42) 1,2-Dichloroethane	6.20	62	53659	22.824	ug/l	100
43) Isopropyl Acetate	6.45	43	85487	20.260	ug/l	99
44) Trichloroethene	7.21	130	46664	20.192	ug/l	97
45) 1,2-Dichloropropane	7.51	63	39897	20.456	ug/l	99
46) Dibromomethane	7.66	93	29458	21.051	ug/l	95
47) Bromodichloromethane	7.90	83	49256	19.207	ug/l	99
48) Methyl methacrylate	7.77	41	41873	21.350	ug/l	97
49) 1,4-Dioxane	7.74	88	22053	390.326	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	291449	108.000	ug/l	98
52) Toluene	8.78	92	105562	20.755	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	51763	18.004	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	60043	19.217	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43657	20.813	ug/l	98
56) Ethyl methacrylate	9.18	69	64325	20.243	ug/l	97
57) 1,3-Dichloropropane	9.37	76	68748	21.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	136955	90.751	ug/l	99
59) 2-Hexanone	9.49	43	224838	105.861	ug/l	98
60) Dibromochloromethane	9.58	129	42648	18.159	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46288	20.444	ug/l	100
64) Tetrachloroethene	9.34	164	46197	20.002	ug/l	99
65) Chlorobenzene	10.14	112	119083	20.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41271	19.545	ug/l	98
67) Ethyl Benzene	10.25	91	202659	20.707	ug/l	99
68) m/p-Xylenes	10.36	106	155741	41.069	ug/l	98
69) o-Xylene	10.69	106	76255	20.448	ug/l	99
70) Styrene	10.71	104	128584	20.560	ug/l	98
71) Bromoform	10.85	173	30447	16.580	ug/l #	96
73) Isopropylbenzene	11.02	105	203381	20.162	ug/l	99
74) N-amyl acetate	10.90	43	77693	20.380	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	67901	20.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70744	26.089	ug/l	80
77) Bromobenzene	11.26	156	54276	19.270	ug/l	96
78) n-propylbenzene	11.36	91	224689	20.267	ug/l	99
79) 2-Chlorotoluene	11.42	91	132044	20.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	169660	20.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16915	14.552	ug/l #	86
82) 4-Chlorotoluene	11.51	91	153111	20.382	ug/l	99
83) tert-Butylbenzene	11.77	119	164425	19.700	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	169735	20.316	ug/l	100
85) sec-Butylbenzene	11.94	105	199097	20.316	ug/l	99
86) p-Isopropyltoluene	12.06	119	181849	20.062	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	95348	19.393	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	97719	19.523	ug/l	98
89) n-Butylbenzene	12.38	91	150010	19.475	ug/l	99
90) Hexachloroethane	12.60	117	26188	16.708	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	97179	19.887	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12907	17.920	ug/l	90

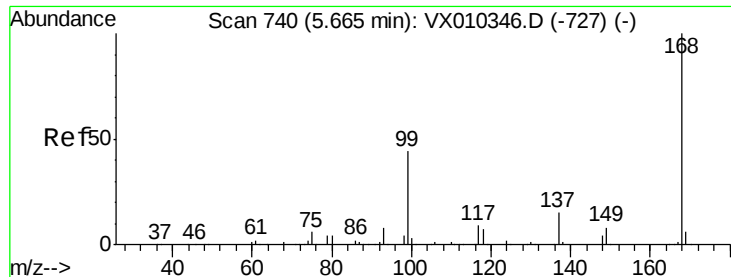
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
Data File : VX010747.D
Acq On : 09 Jul 2019 13:51
Operator : JC/SP
Sample : VX0709WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Quant Time: Jul 10 02:09:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64330	18.983	ug/l	98
94) Hexachlorobutadiene	13.78	225	31345	18.926	ug/l	97
95) Naphthalene	13.83	128	196553	18.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66007	19.591	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

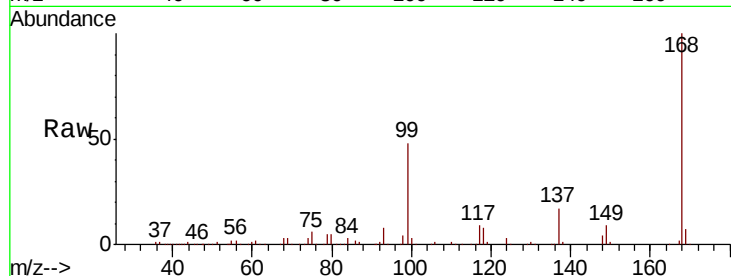
VX0709WBSD01

Tot Ion:168 Resp: 208950

Ion Ratio Lower Upper

168 100

99 48.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

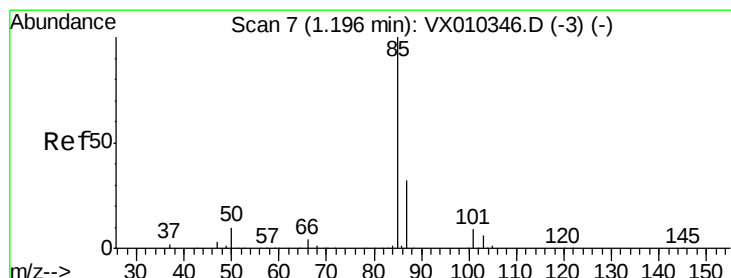
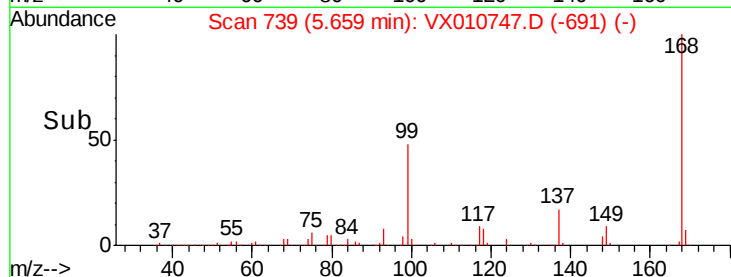
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 23.885 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010747.D

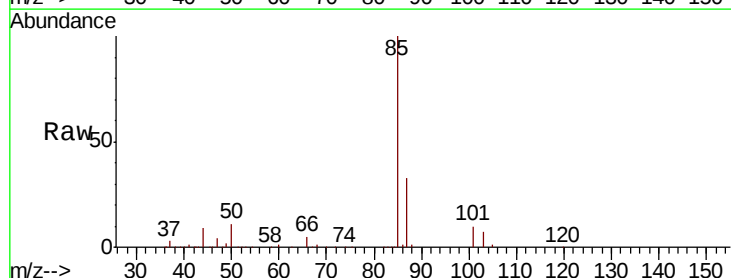
Acq: 09 Jul 2019 13:51

Tgt Ion: 85 Resp: 34697

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

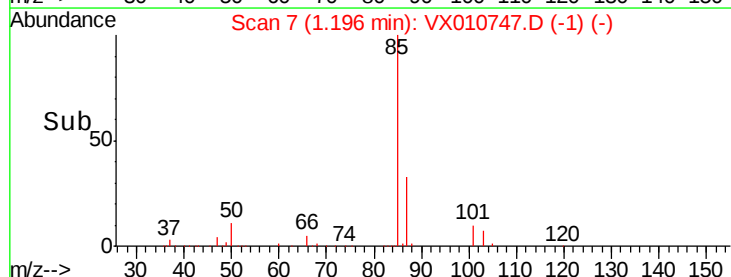
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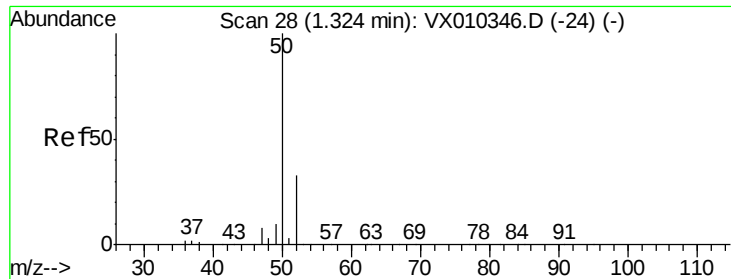
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0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 21.883 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

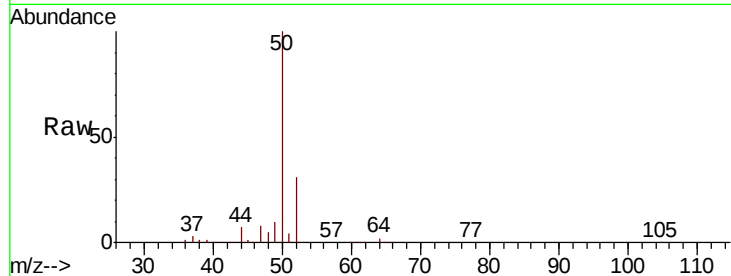
VX0709WBSD01

Tot Ion: 50 Resp: 37016

Ion Ratio Lower Upper

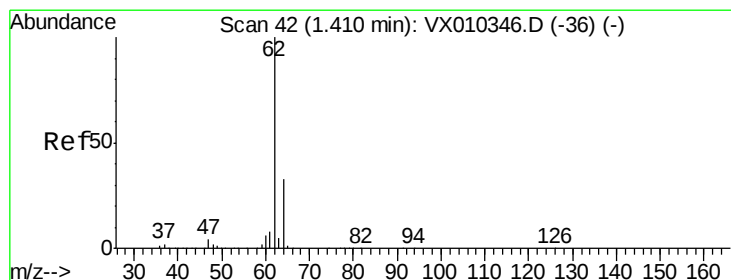
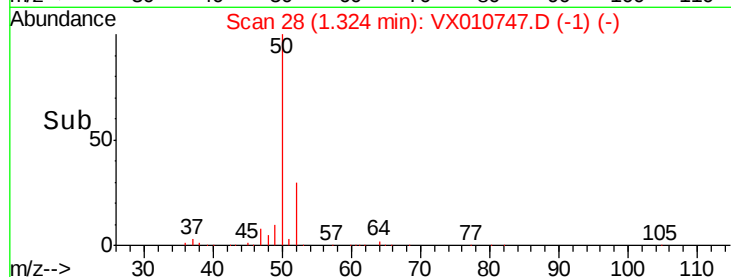
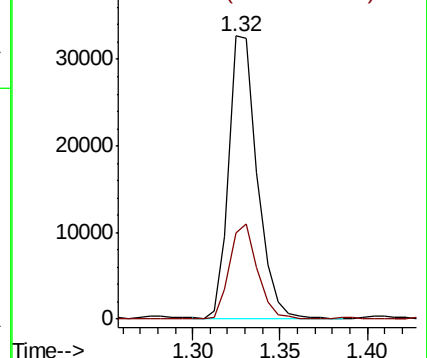
50 100

52 30.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.476 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010747.D

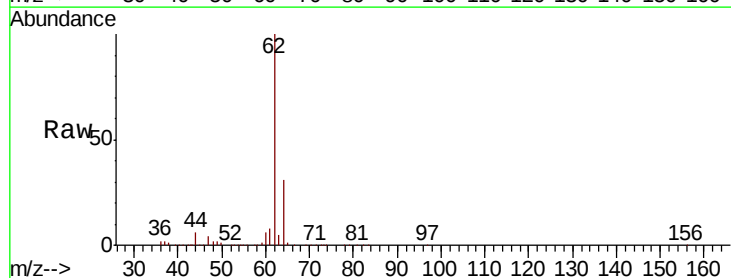
Acq: 09 Jul 2019 13:51

Tgt Ion: 62 Resp: 39790

Ion Ratio Lower Upper

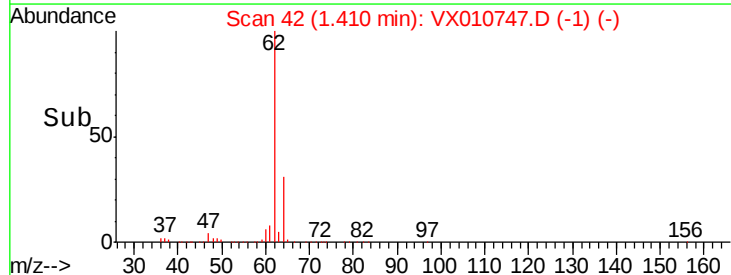
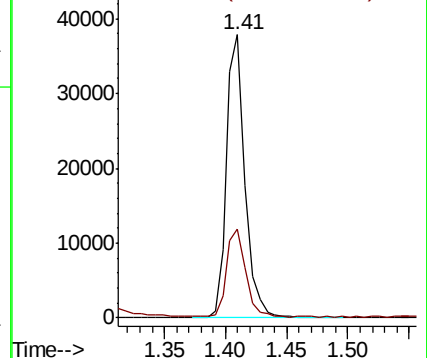
62 100

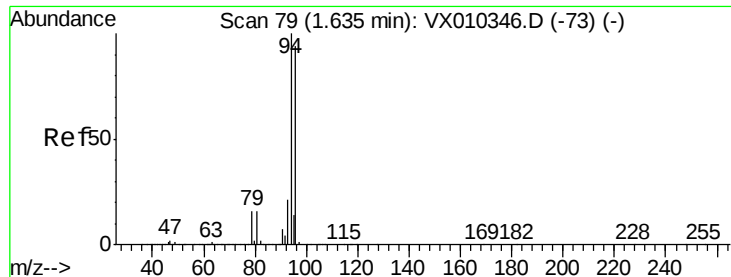
64 31.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.118 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

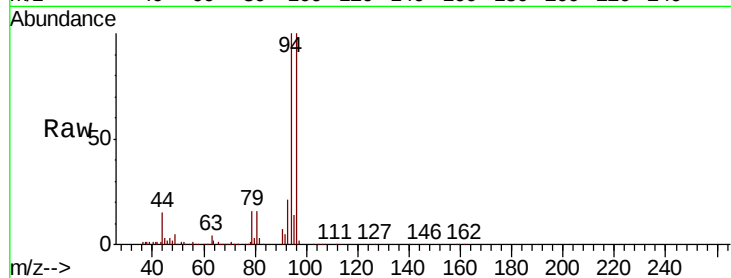
VX0709WBSD01

Tot Ion: 94 Resp: 23575

Ion Ratio Lower Upper

94 100

96 100.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

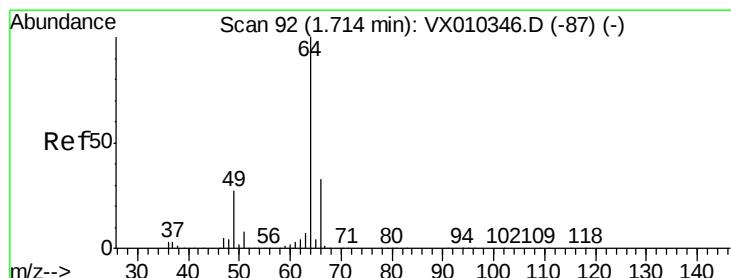
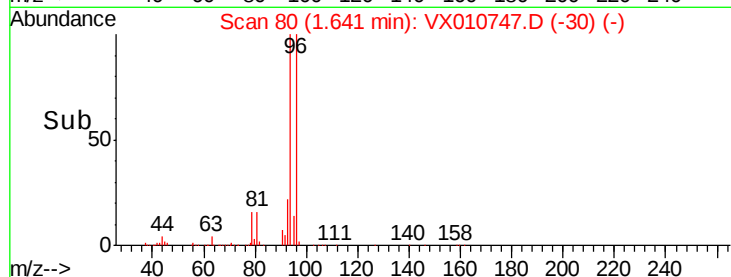
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 22.885 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010747.D

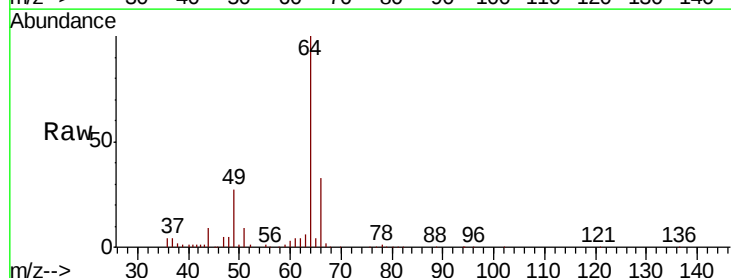
Acq: 09 Jul 2019 13:51

Tgt Ion: 64 Resp: 25015

Ion Ratio Lower Upper

64 100

66 33.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

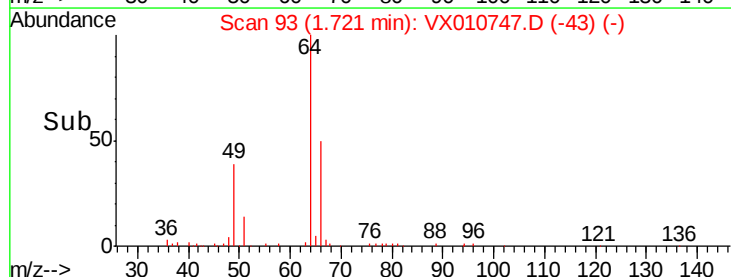
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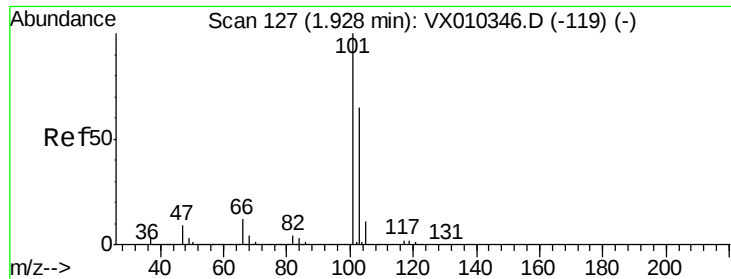
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Time-->

1.65 1.70 1.75 1.80 1.85



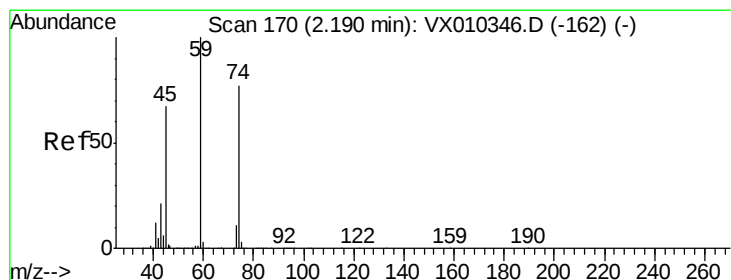
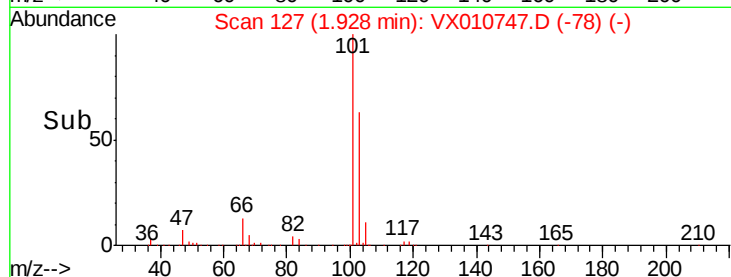
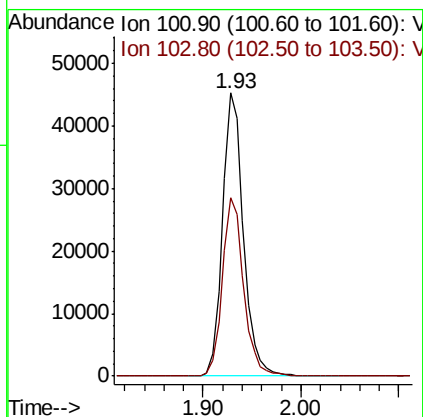
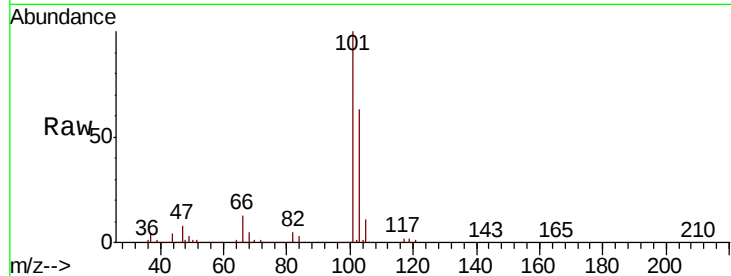


#7

Trichlorofluoromethane
 Concen: 22.802 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

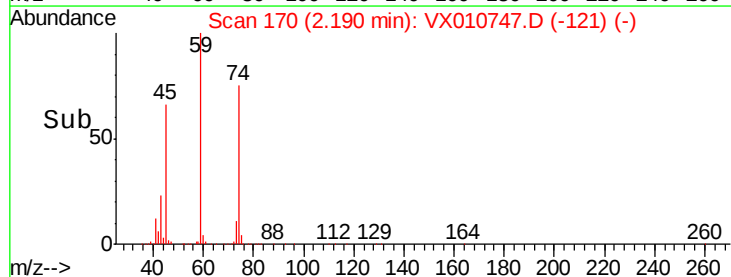
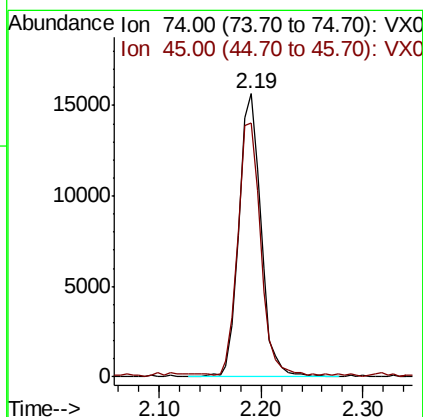
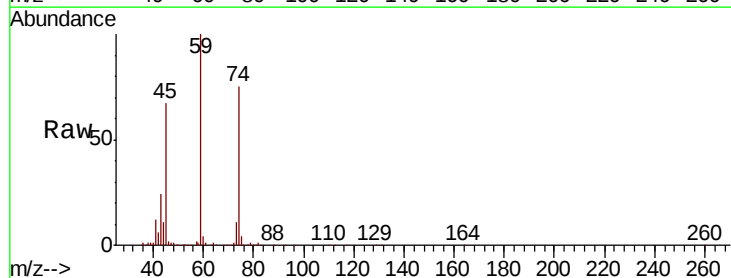
Tot Ion:101 Resp: 66972
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.3 78.5

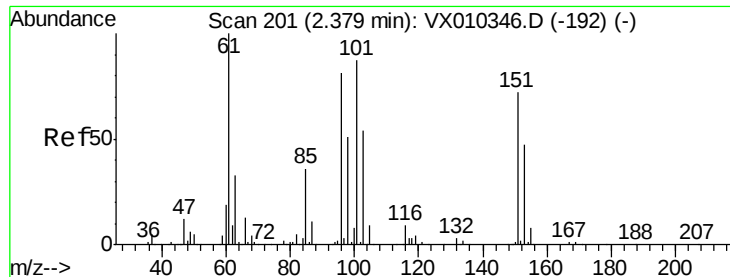


#8

Diethyl Ether
 Concen: 22.108 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion: 74 Resp: 23286
 Ion Ratio Lower Upper
 74 100
 45 91.4 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.469 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0709WBSD01

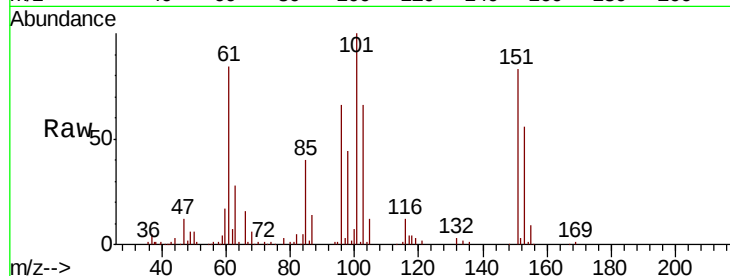
Tot Ion:101 Resp: 38212

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

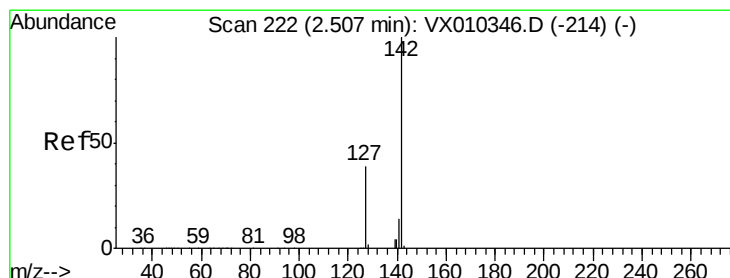
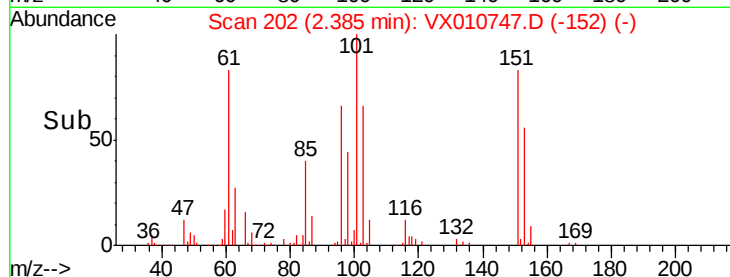
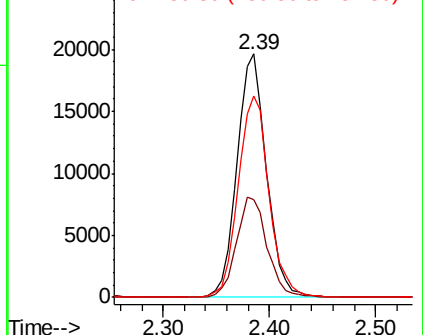
151 86.5 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.177 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

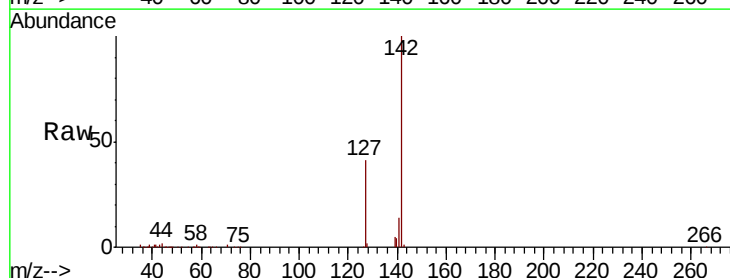
Tgt Ion:142 Resp: 43632

Ion Ratio Lower Upper

142 100

127 41.3 31.1 46.7

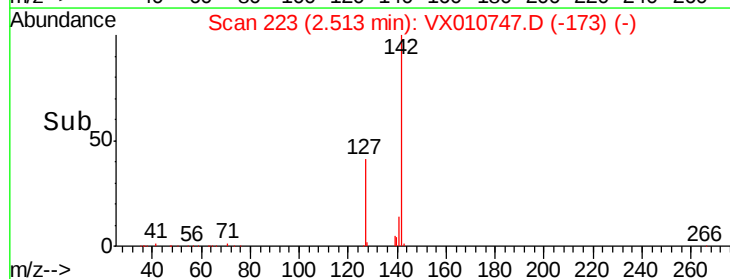
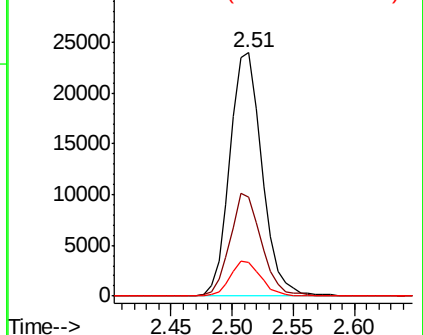
141 13.9 11.2 16.8

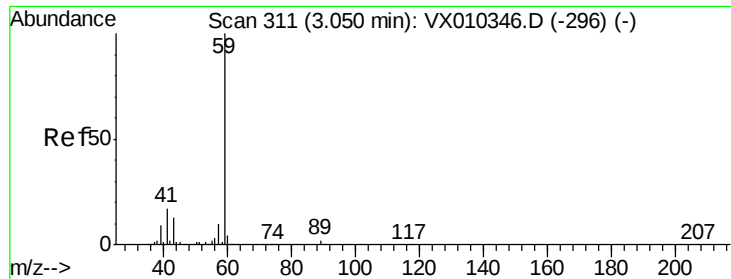


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



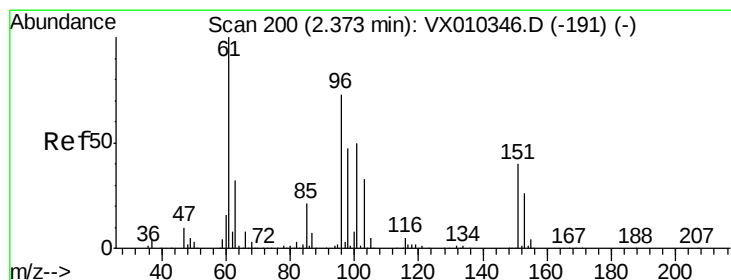
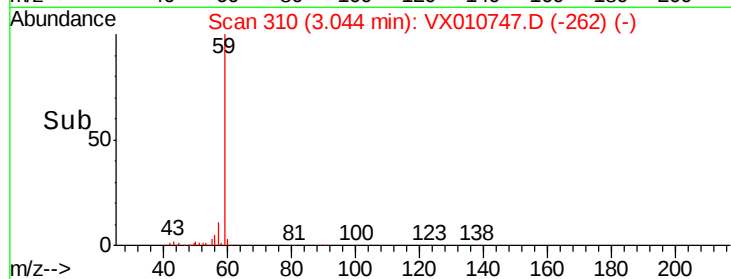
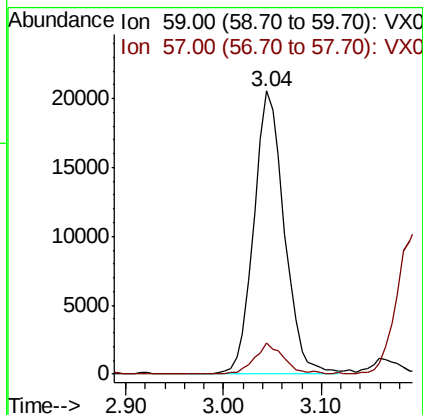
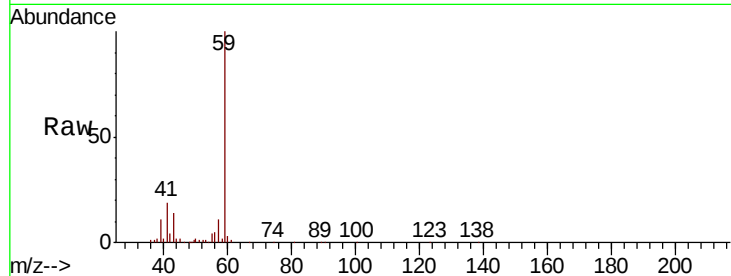


#11

Tert butyl alcohol
 Concen: 86.789 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

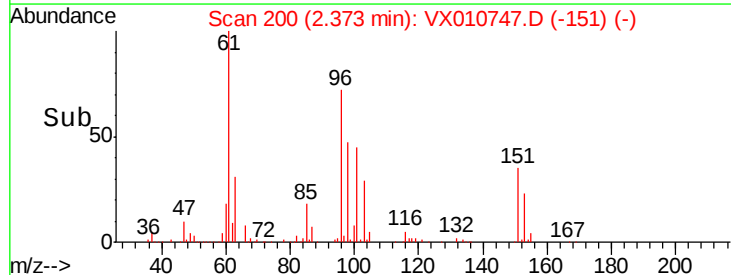
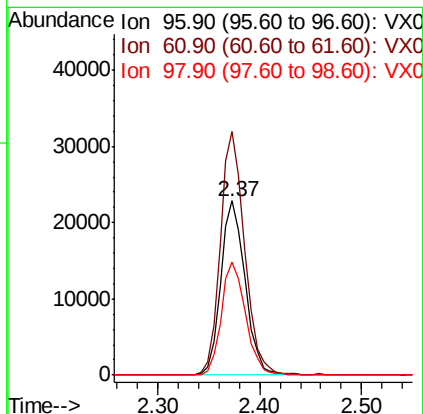
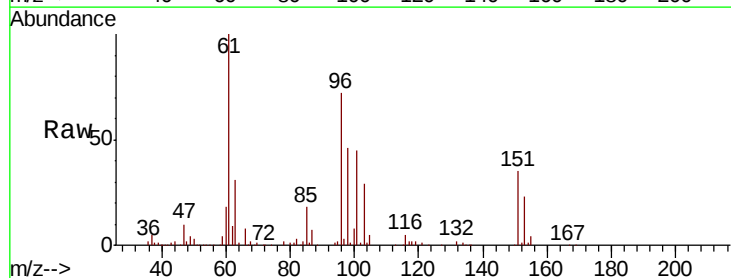
Tot Ion: 59 Resp: 44491
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.7 11.5

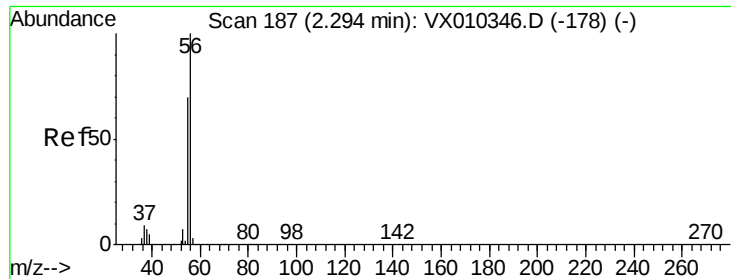


#12

1,1-Dichloroethene
 Concen: 20.915 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion: 96 Resp: 37880
 Ion Ratio Lower Upper
 96 100
 61 139.6 109.2 163.8
 98 64.9 51.1 76.7





#13

Acrolein

Concen: 79.692 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

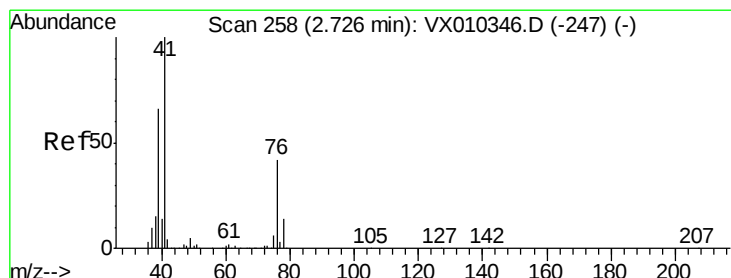
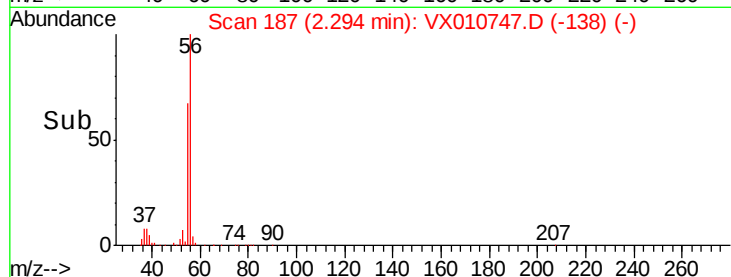
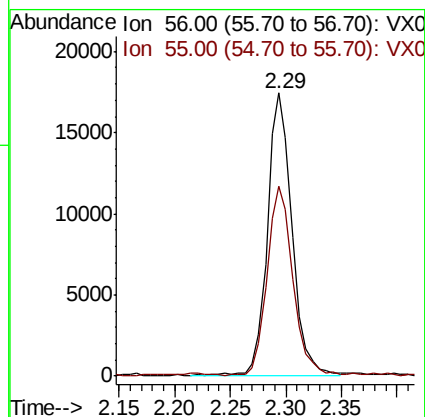
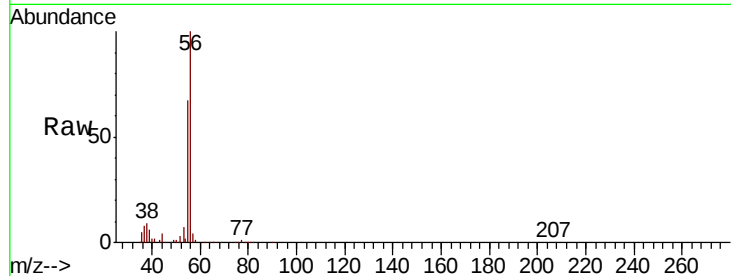
VX0709WBSD01

Tot Ion: 56 Resp: 27101

Ion Ratio Lower Upper

56 100

55 69.4 56.9 85.3



#14

Allyl chloride

Concen: 21.128 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

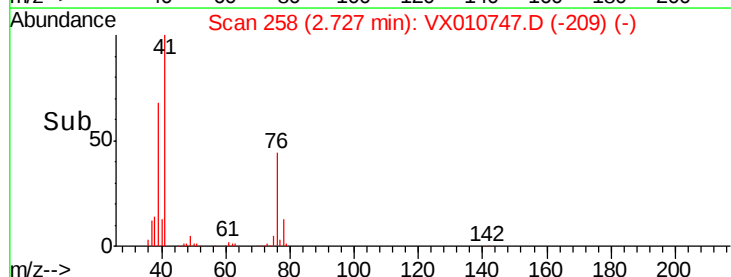
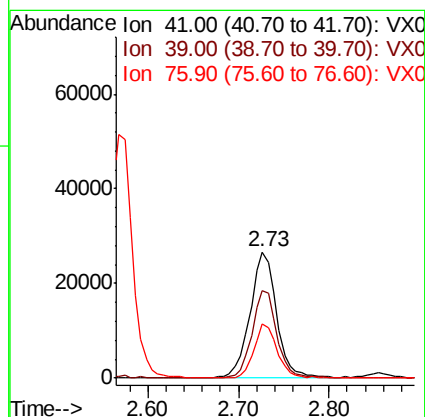
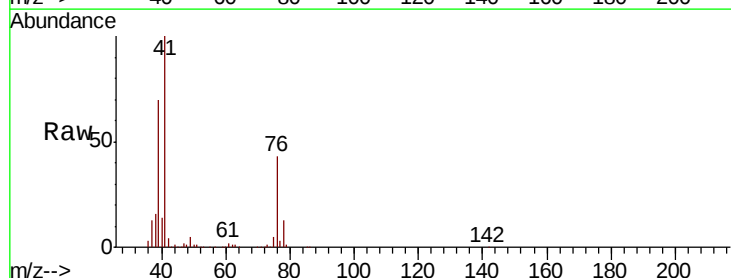
Tgt Ion: 41 Resp: 54326

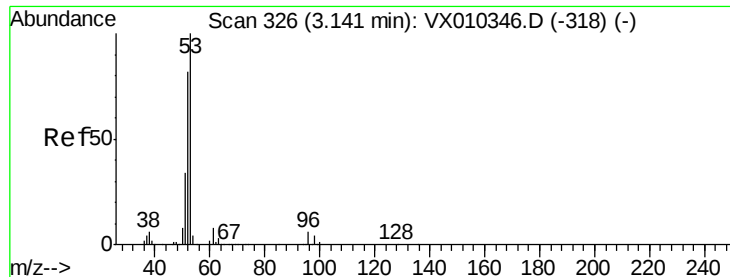
Ion Ratio Lower Upper

41 100

39 65.3 50.3 75.5

76 37.7 31.3 46.9





#15

Acrylonitrile

Concen: 107.663 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

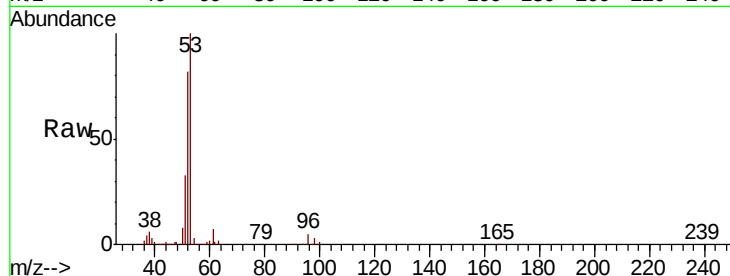
Tot Ion: 53 Resp: 109274

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

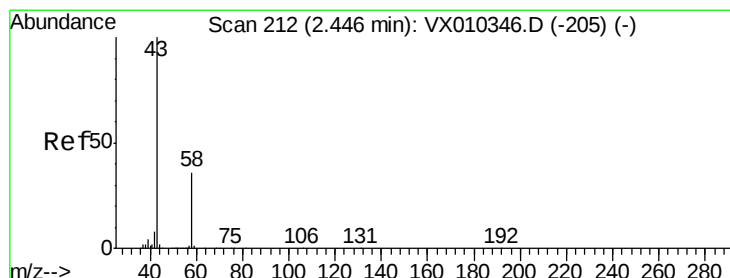
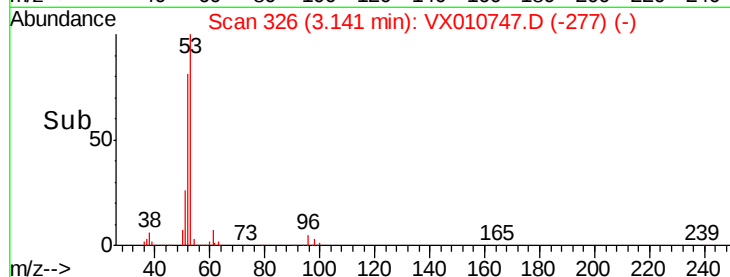
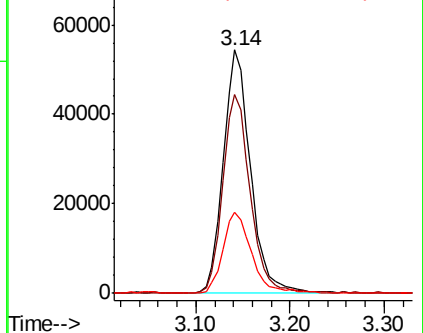
51 34.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.312 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010747.D

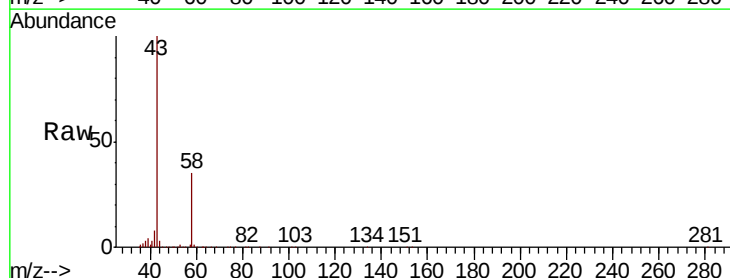
Acq: 09 Jul 2019 13:51

Tgt Ion: 43 Resp: 88673

Ion Ratio Lower Upper

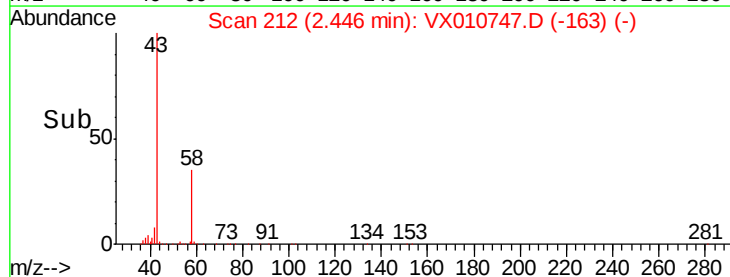
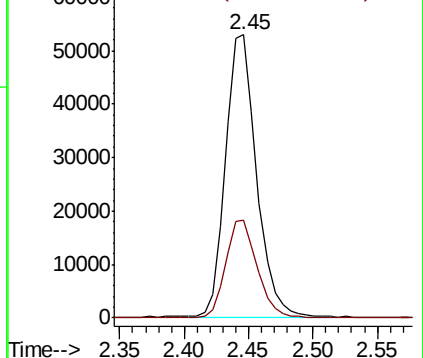
43 100

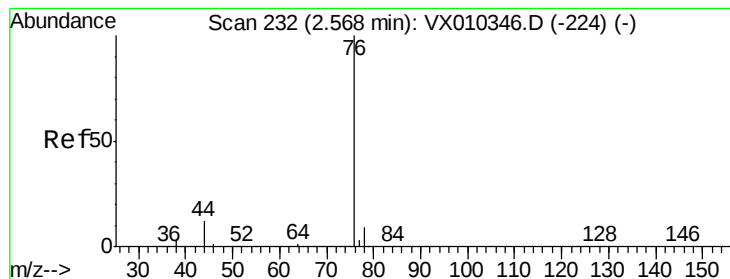
58 34.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.455 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

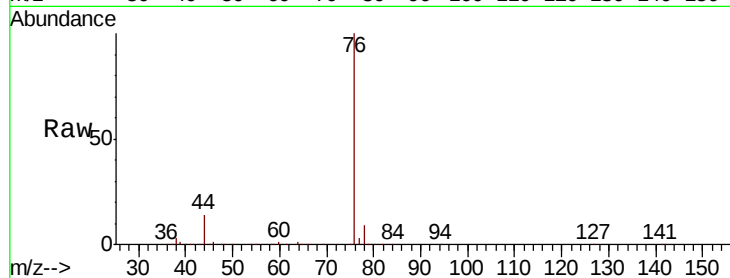
VX0709WBSD01

Tot Ion: 76 Resp: 89675

Ion Ratio Lower Upper

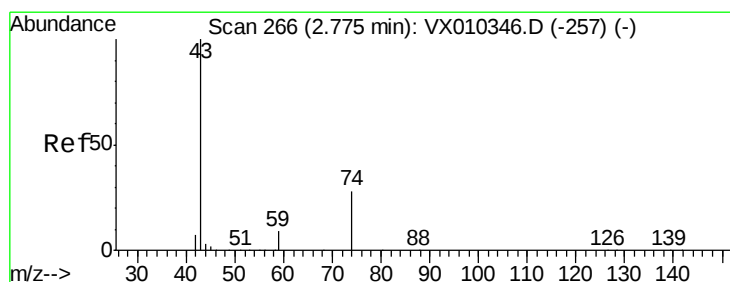
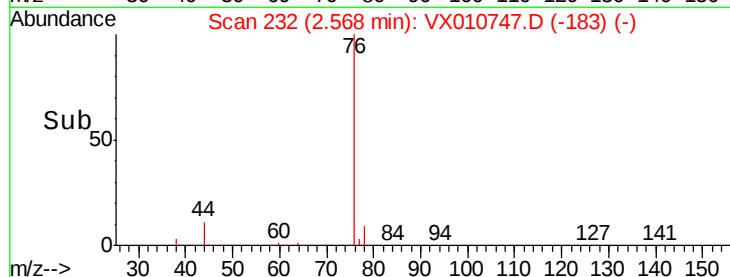
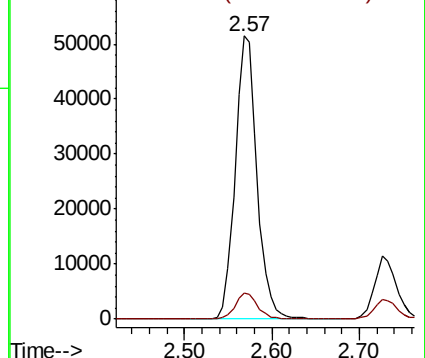
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.333 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010747.D

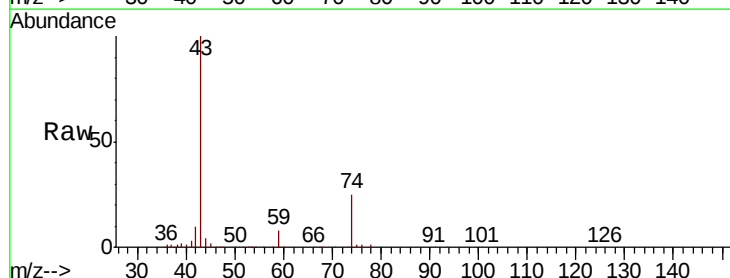
Acq: 09 Jul 2019 13:51

Tgt Ion: 43 Resp: 43703

Ion Ratio Lower Upper

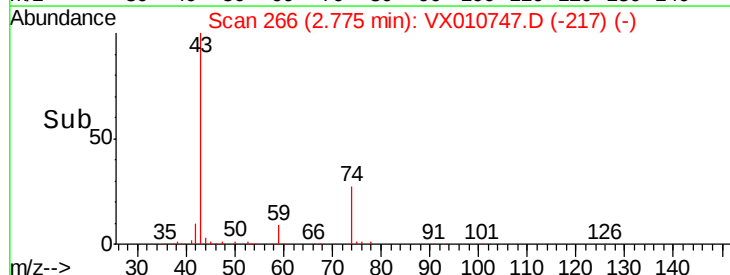
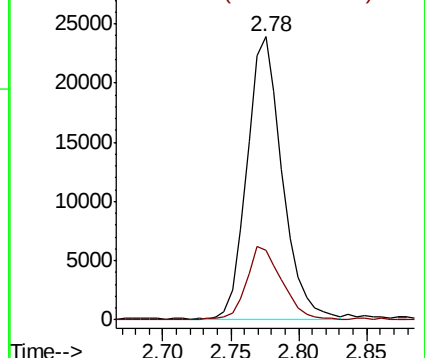
43 100

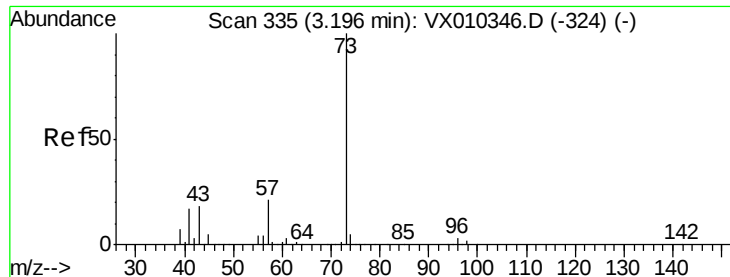
74 26.5 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

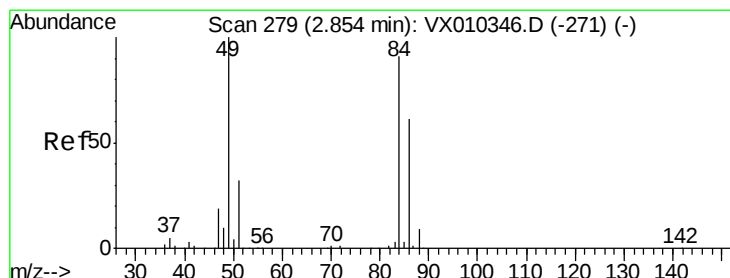
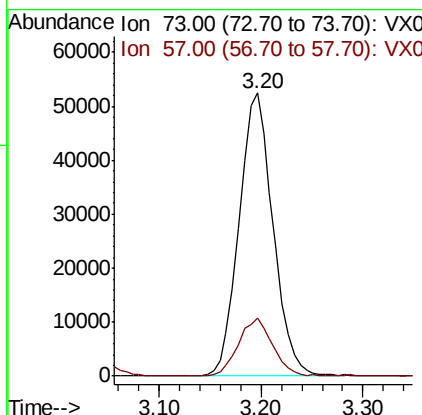
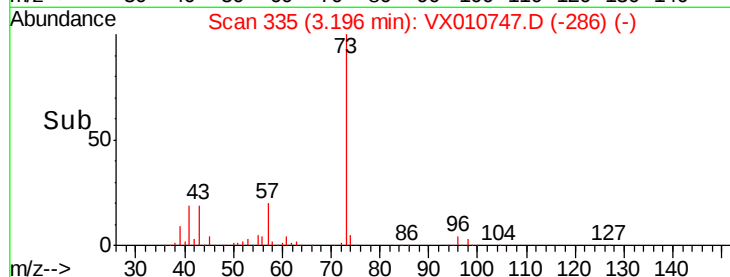
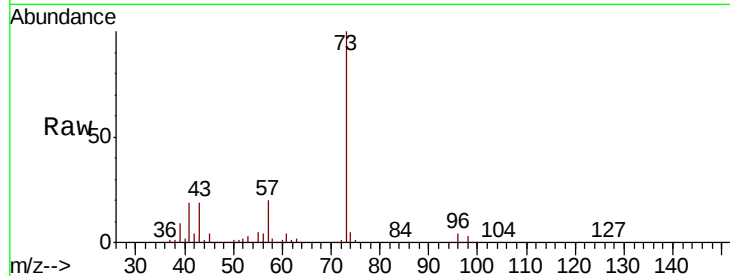




#19
Methyl tert-butyl Ether
Concen: 21.246 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

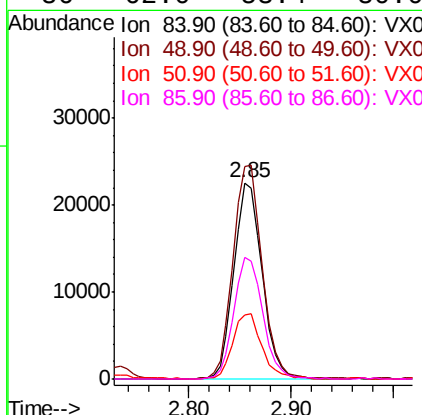
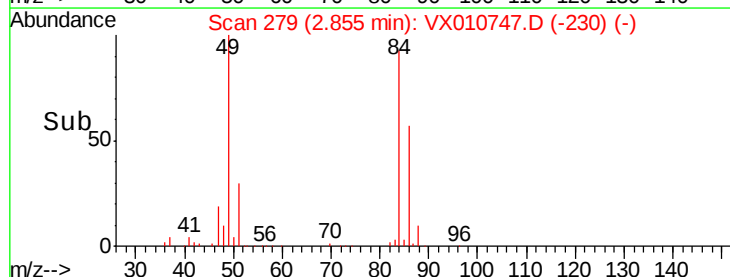
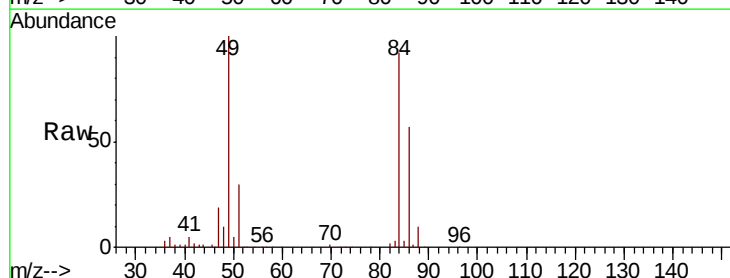
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

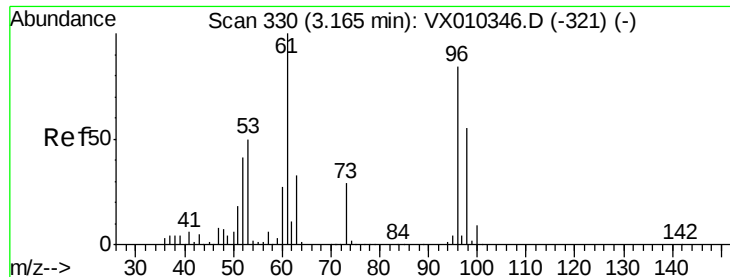
Tot Ion: 73 Resp: 121054
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6



#20
Methylene Chloride
Concen: 21.400 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion: 84 Resp: 43240
Ion Ratio Lower Upper
84 100
49 107.8 87.5 131.3
51 32.3 27.7 41.5
86 62.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 20.392 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

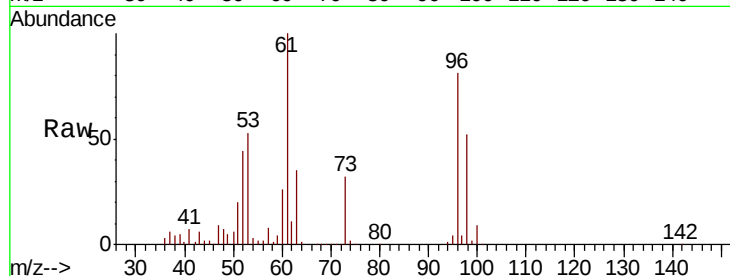
Tot Ion: 96 Resp: 39721

Ion Ratio Lower Upper

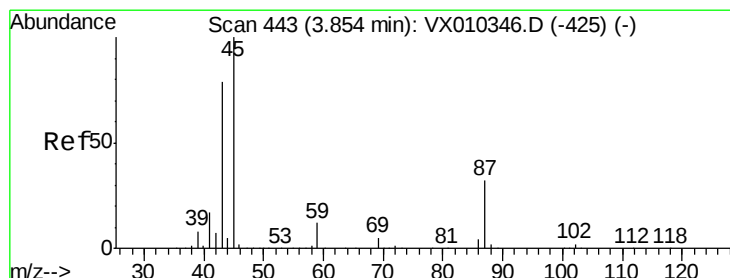
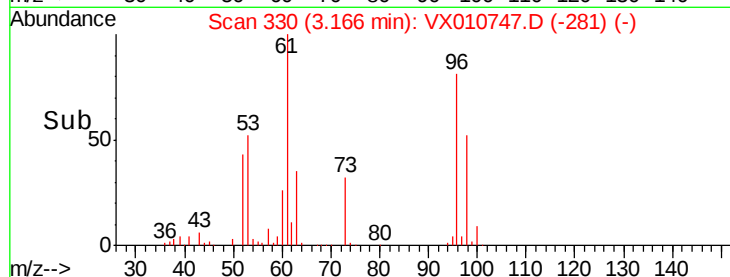
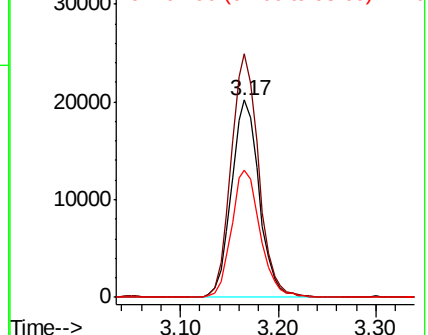
96 100

61 123.4 95.6 143.4

98 64.3 52.5 78.7



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.814 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Tgt Ion: 45 Resp: 117272

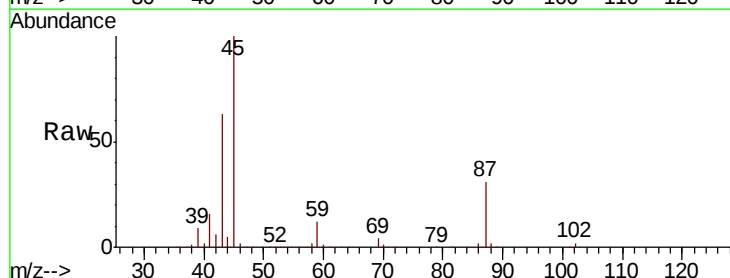
Ion Ratio Lower Upper

45 100

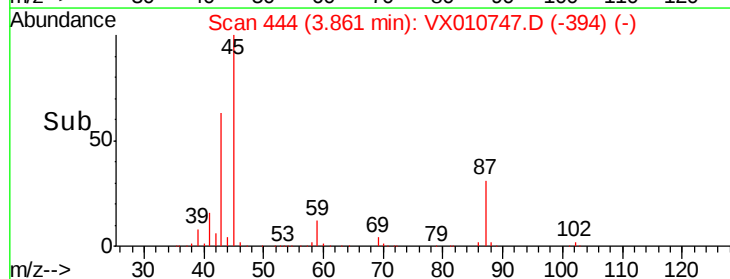
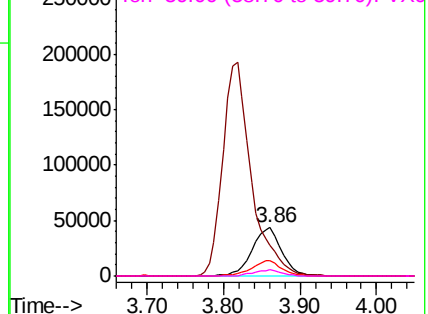
43 62.9 63.3 94.9#

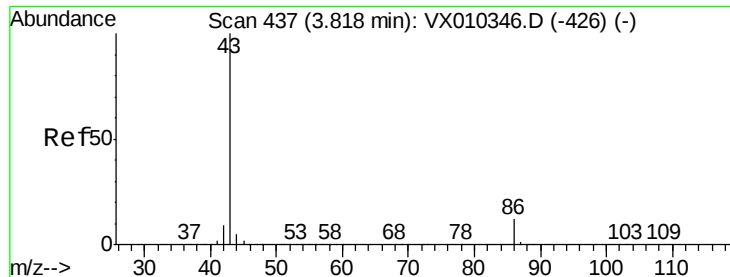
87 30.7 25.8 38.8

59 12.1 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 107.521 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

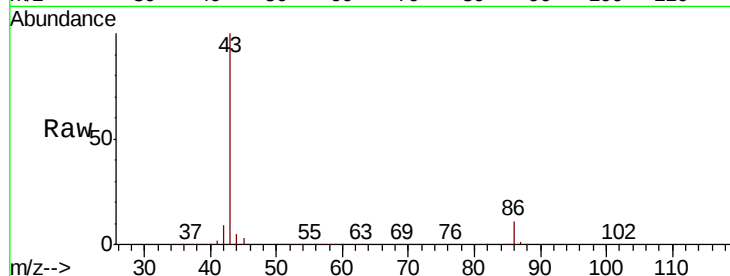
VX0709WBSD01

Tot Ion: 43 Resp: 499355

Ion Ratio Lower Upper

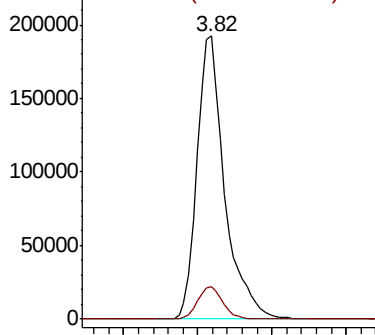
43 100

86 11.4 9.9 14.9

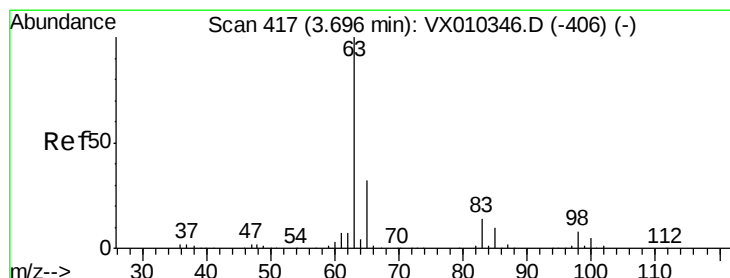
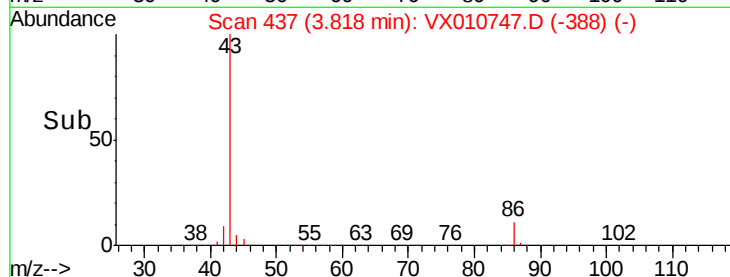


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 21.527 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

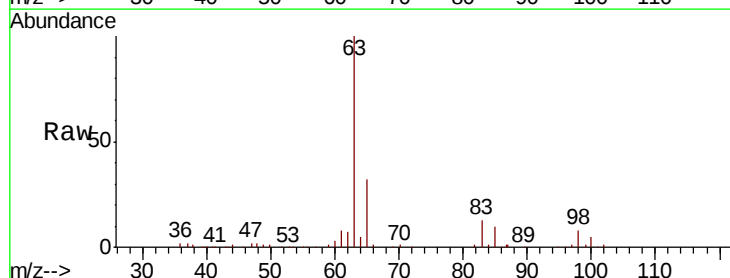
Tgt Ion: 63 Resp: 66894

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

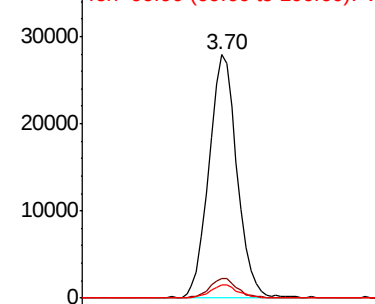
100 5.2 2.4 7.1



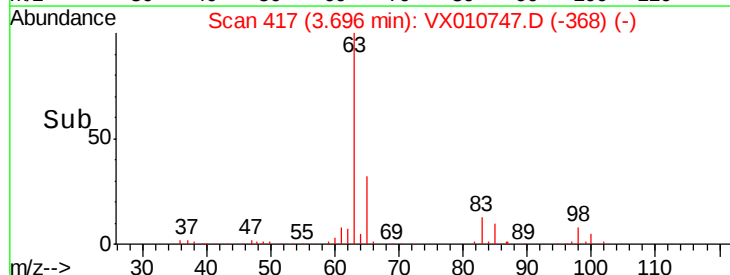
Abundance Ion 62.90 (62.60 to 63.60): VX0

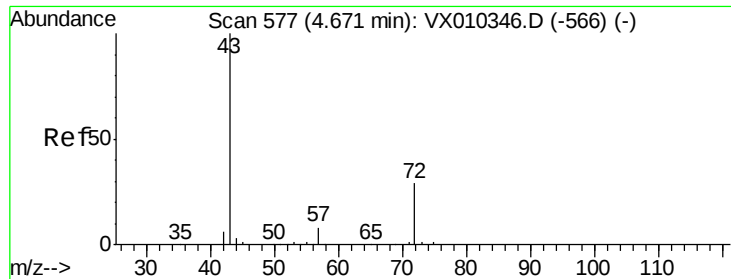
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 100.206 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

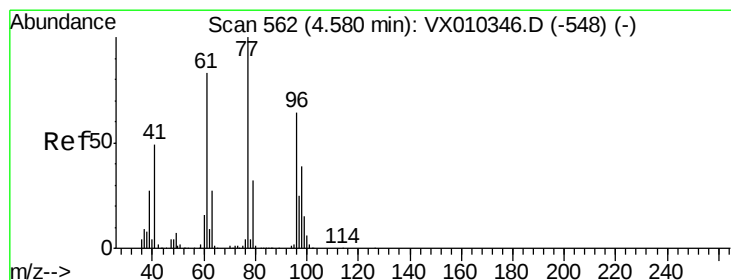
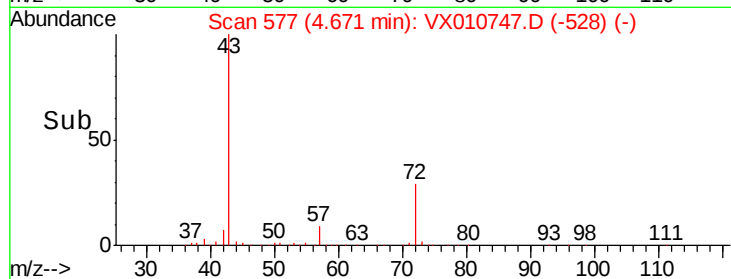
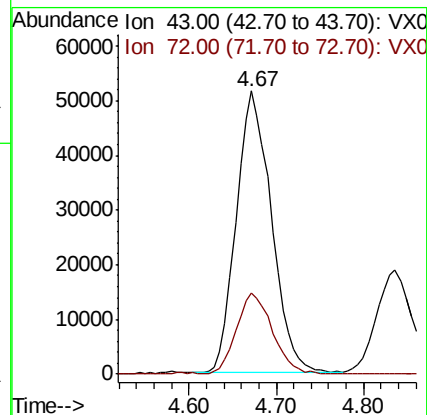
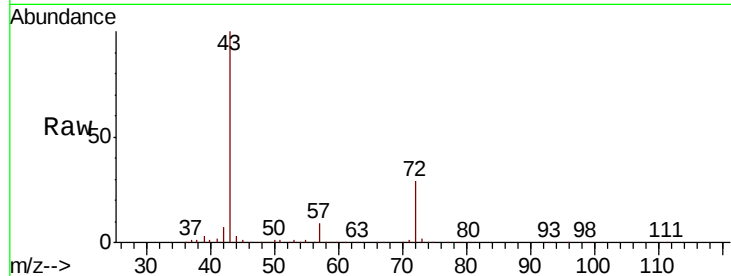
VX0709WBSD01

Tot Ion: 43 Resp: 144321

Ion Ratio Lower Upper

43 100

72 28.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 18.570 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010747.D

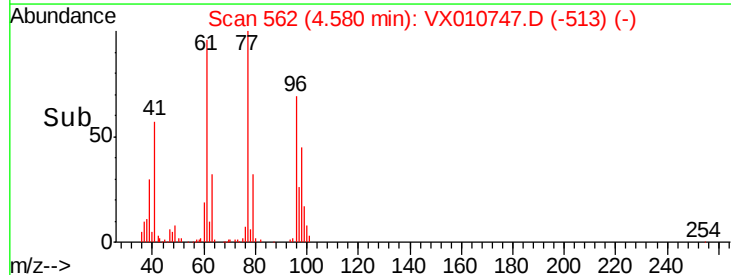
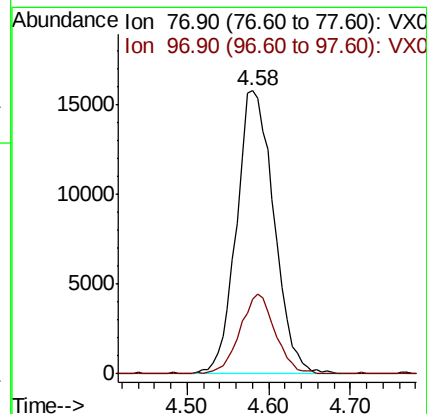
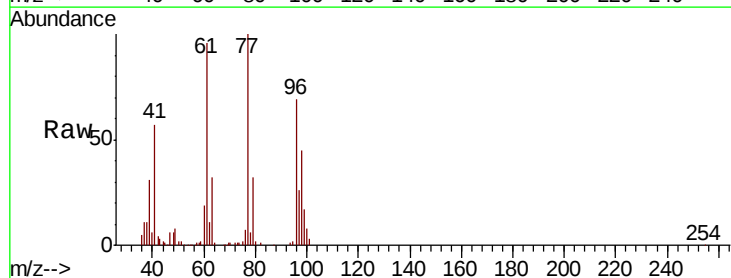
Acq: 09 Jul 2019 13:51

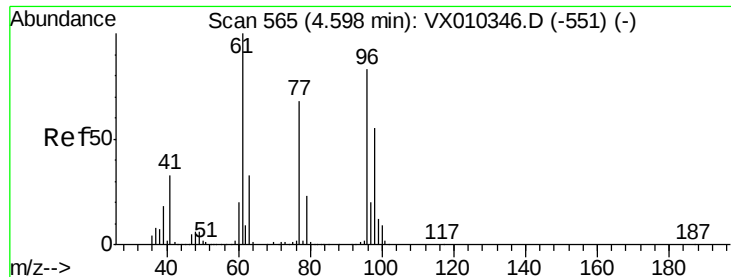
Tgt Ion: 77 Resp: 50129

Ion Ratio Lower Upper

77 100

97 26.7 13.1 39.3



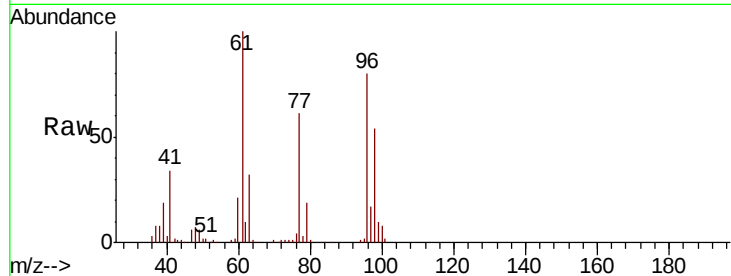


#27

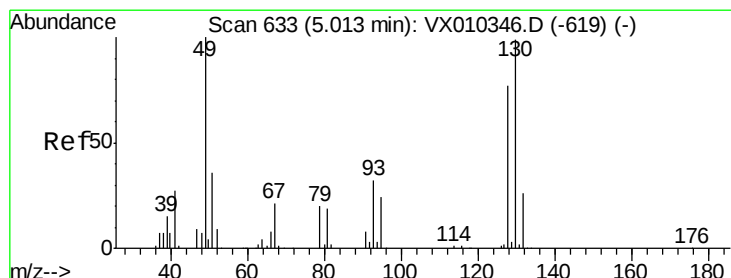
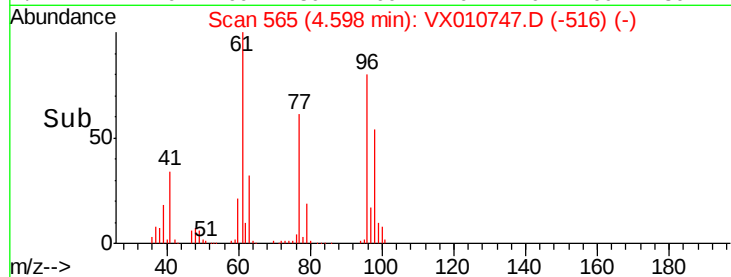
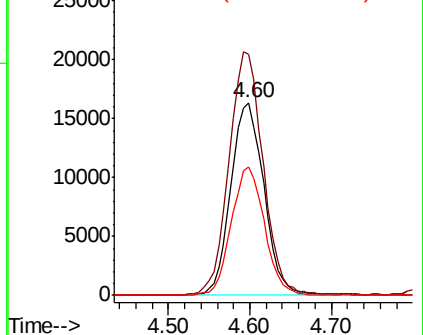
cis-1,2-Dichloroethene
 Concen: 20.474 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	96	Resp	46085
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	251.8
98	66.3	0.0	129.4



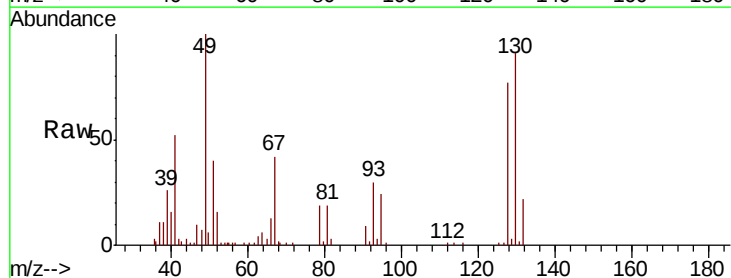
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



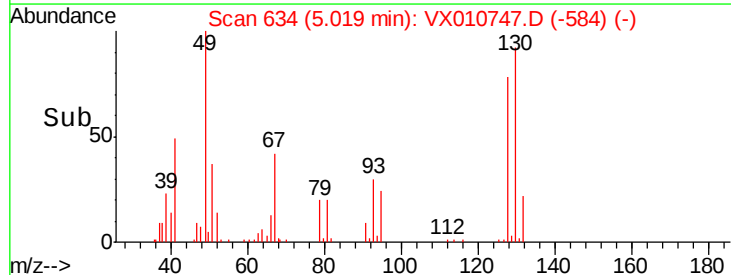
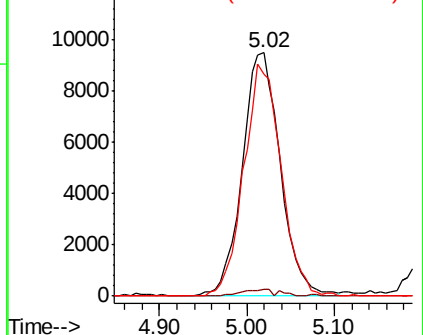
#28

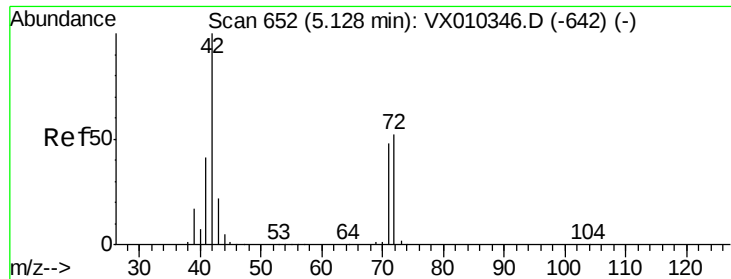
Bromochloromethane
 Concen: 19.303 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion	49	Resp	28679
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	93.2	81.4	122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.313 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

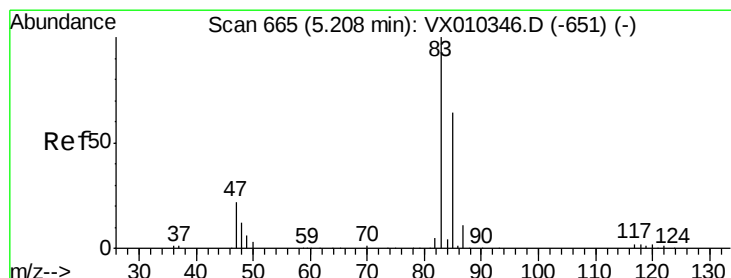
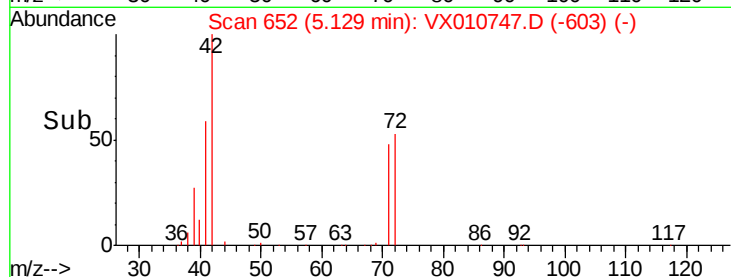
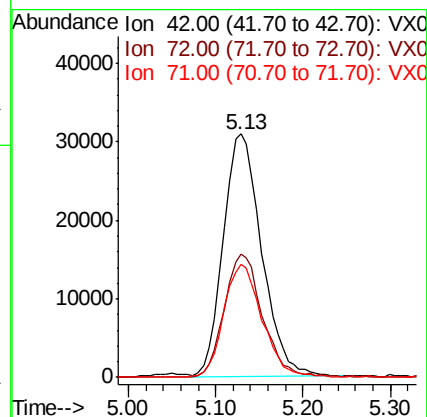
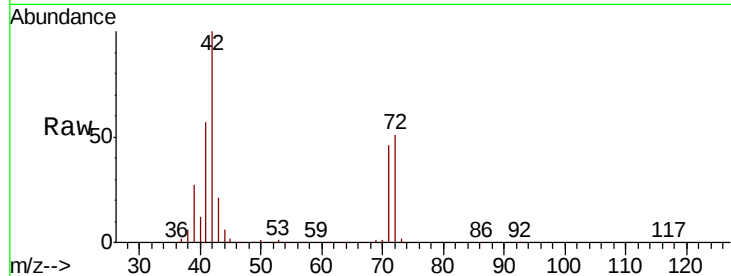
Tot Ion: 42 Resp: 93950

Ion Ratio Lower Upper

42 100

72 51.2 40.6 60.8

71 46.8 37.8 56.8



#30

Chloroform

Concen: 21.188 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010747.D

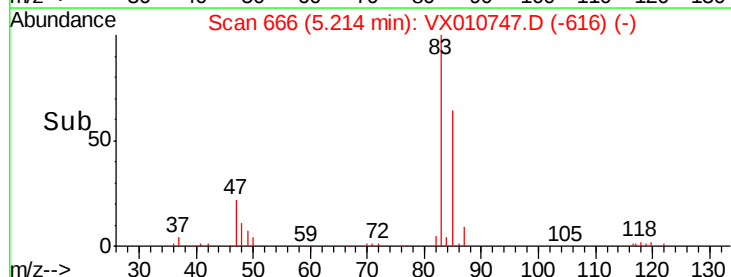
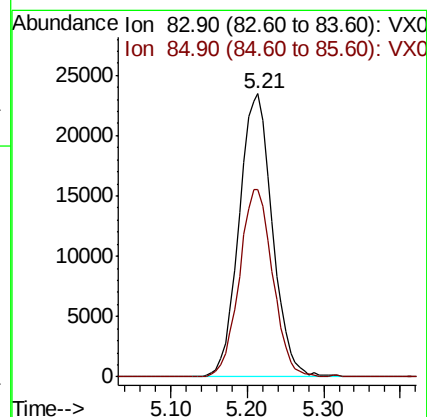
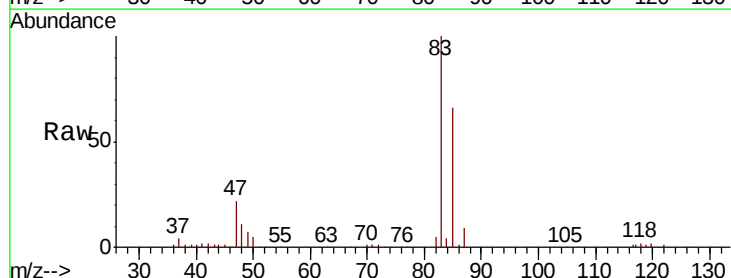
Acq: 09 Jul 2019 13:51

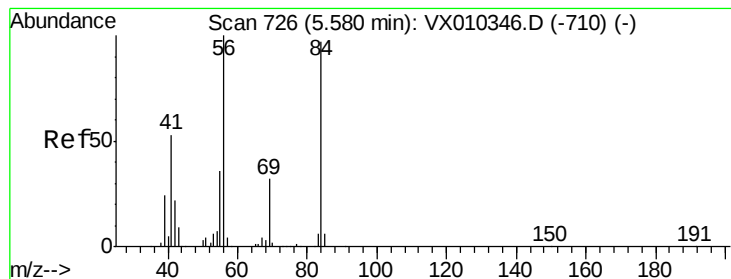
Tgt Ion: 83 Resp: 70841

Ion Ratio Lower Upper

83 100

85 66.0 50.9 76.3





#31

Cyclohexane

Concen: 21.591 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

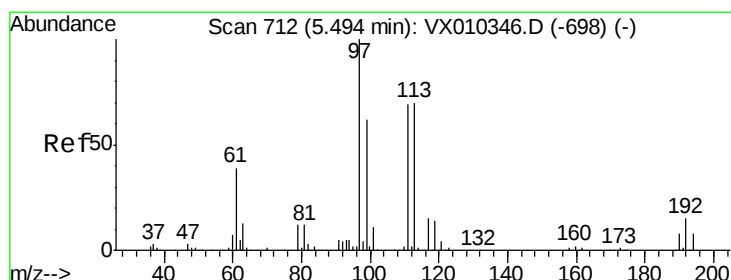
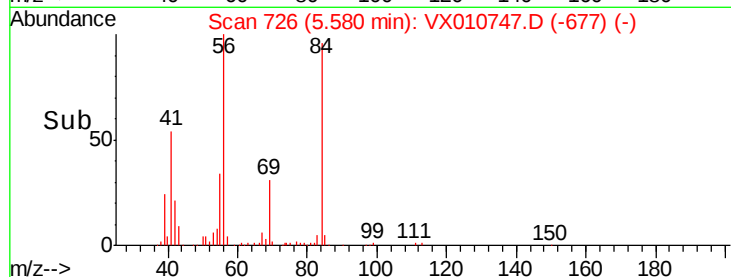
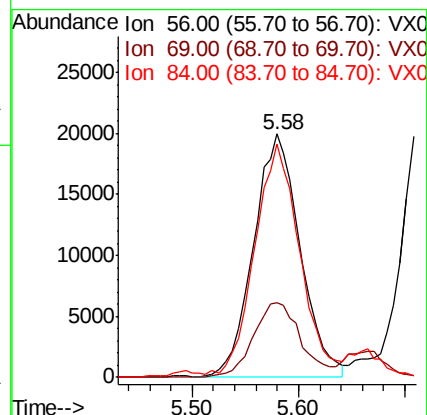
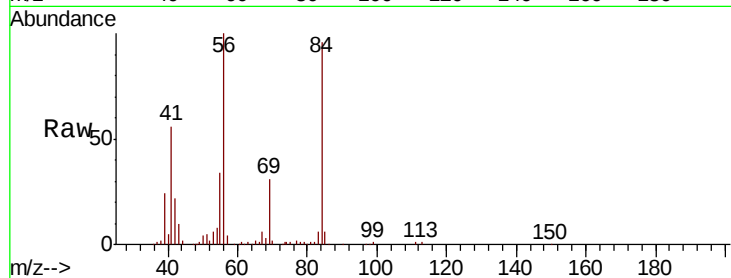
Tot Ion: 56 Resp: 61099

Ion Ratio Lower Upper

56 100

69 30.9 25.9 38.9

84 94.4 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 20.576 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

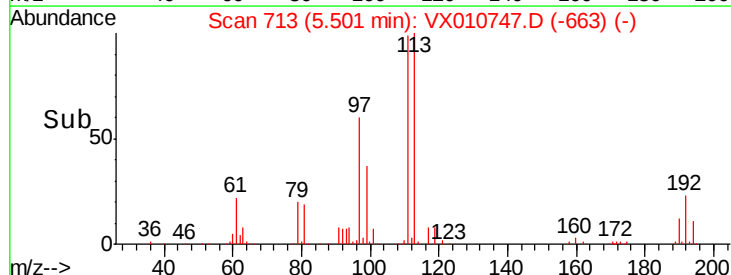
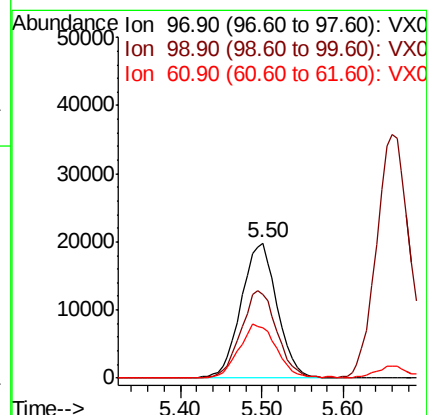
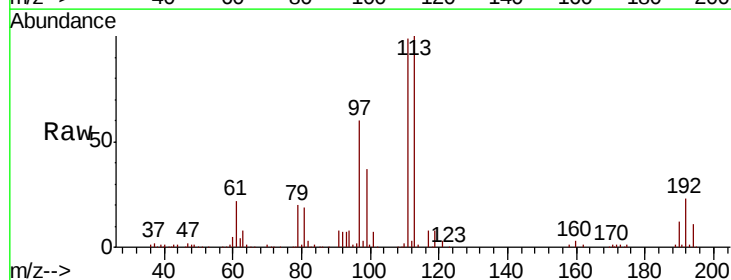
Tgt Ion: 97 Resp: 60746

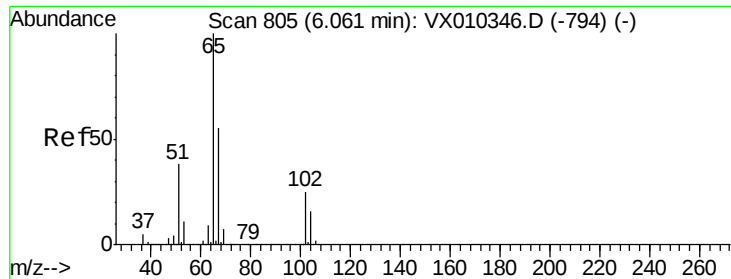
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 41.5 32.1 48.1

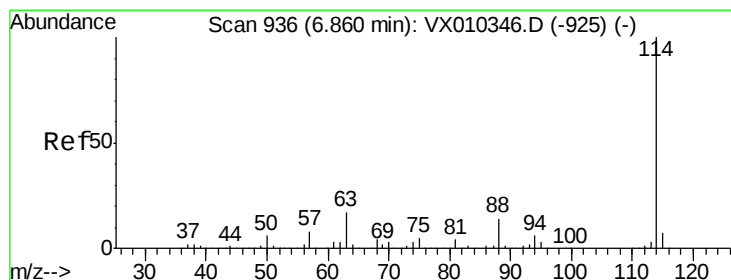
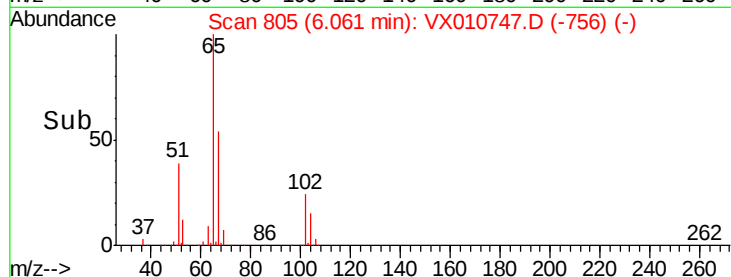
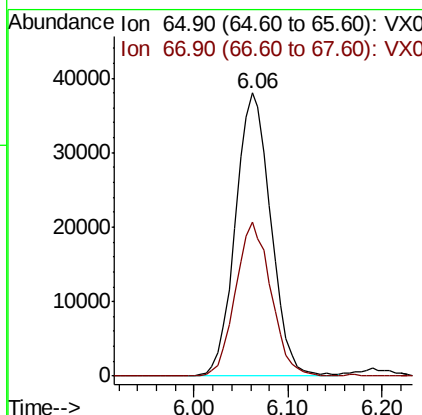
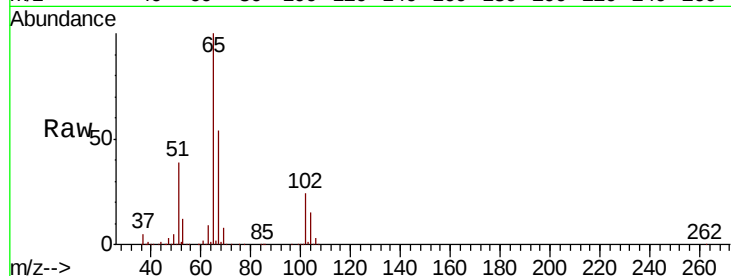




#33
 1,2-Dichloroethane-d4
 Concen: 50.636 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

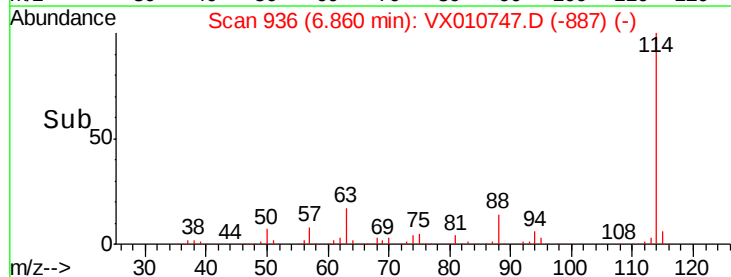
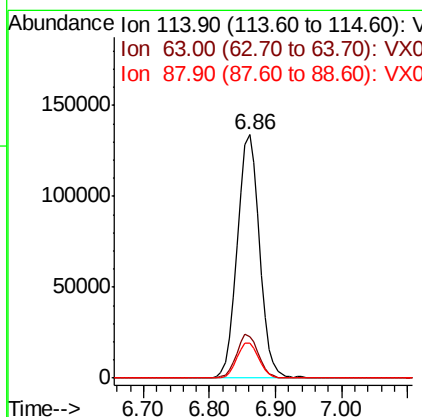
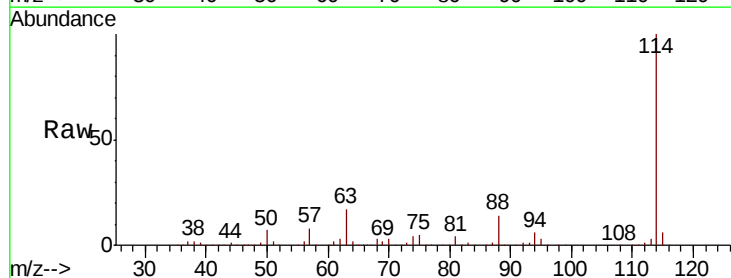
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

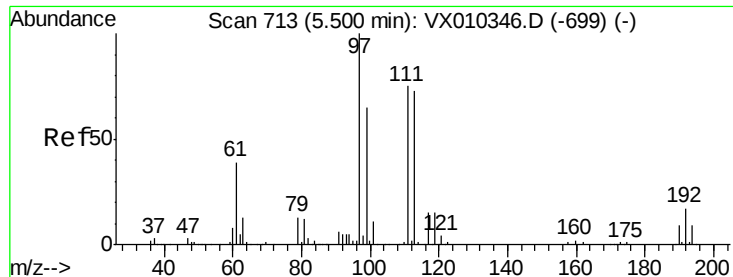
Tot Ion: 65 Resp: 99202
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion: 114 Resp: 311962
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 14.4 0.0 27.6

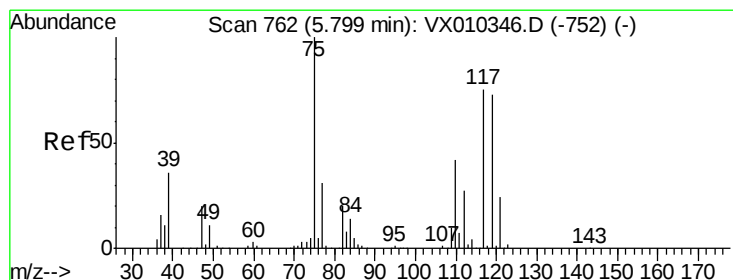
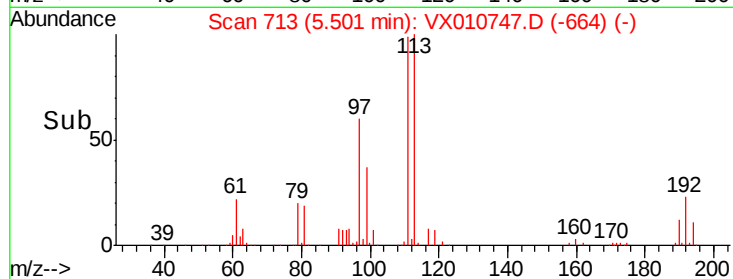
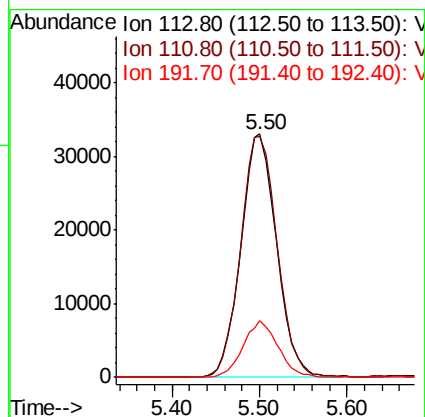
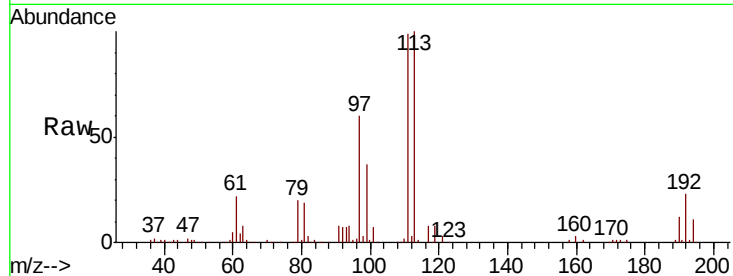




#35
 Dibromofluoromethane
 Concen: 49.122 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

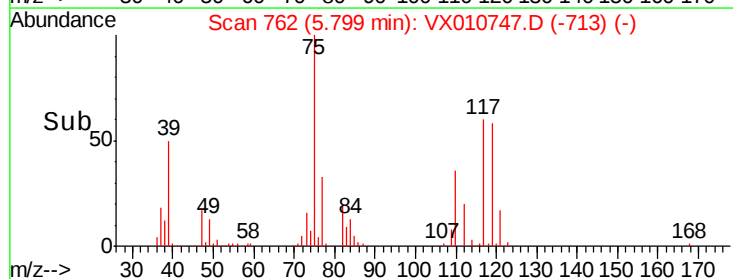
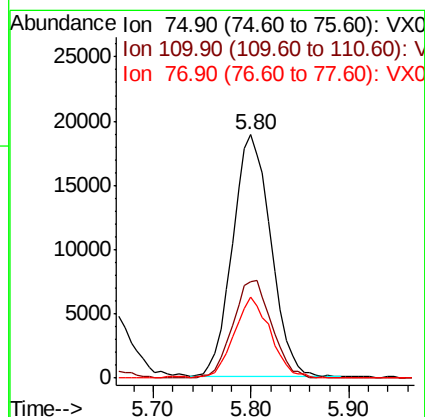
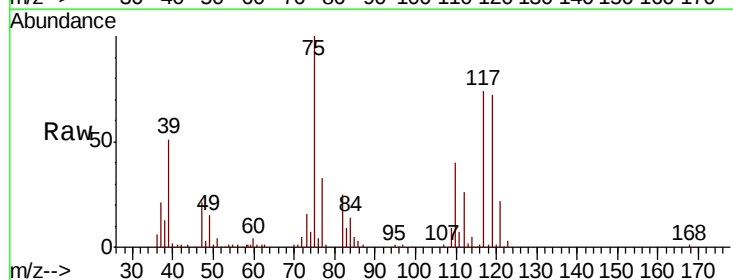
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

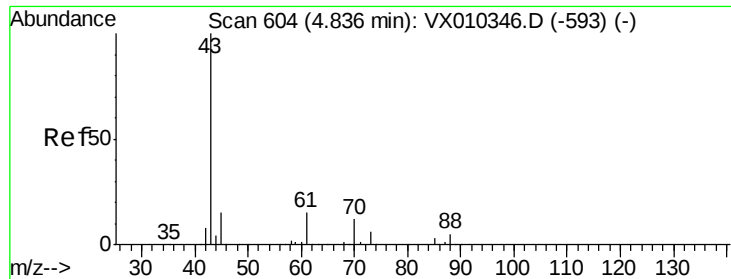
Tot Ion:113 Resp: 93759
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.2 121.8
 192 22.7 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 20.702 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion: 75 Resp: 51321
 Ion Ratio Lower Upper
 75 100
 110 41.1 20.8 62.2
 77 31.9 25.4 38.0





#37

Ethyl Acetate

Concen: 21.273 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

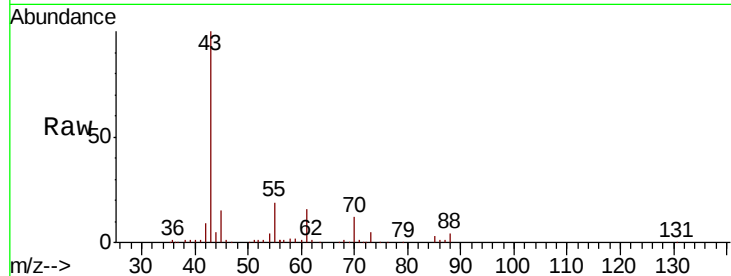
Tot Ion: 43 Resp: 54254

Ion Ratio Lower Upper

43 100

61 16.7 12.4 18.6

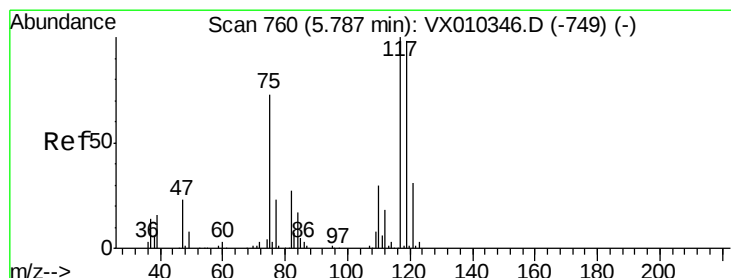
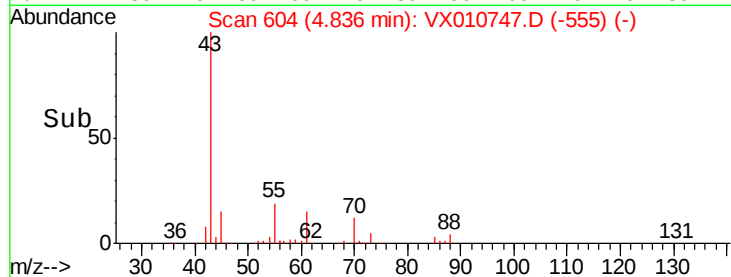
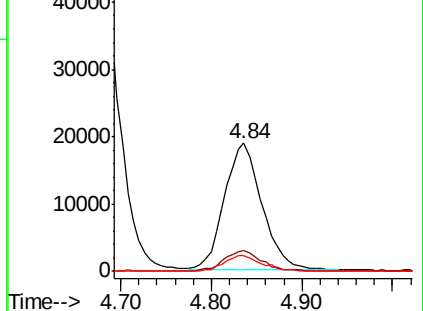
70 12.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.609 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

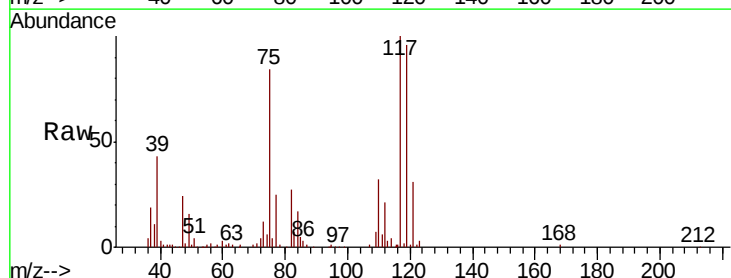
Tgt Ion: 117 Resp: 52640

Ion Ratio Lower Upper

117 100

119 95.6 78.2 117.4

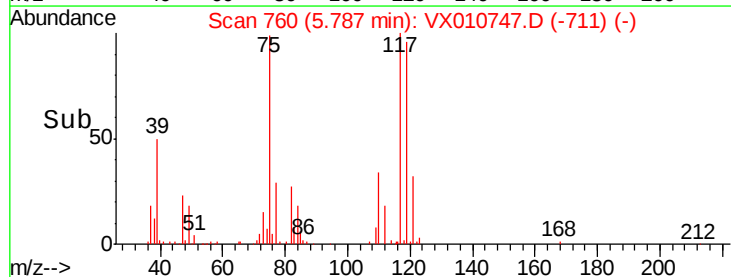
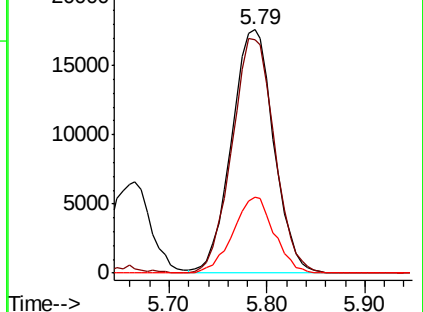
121 31.3 24.7 37.1

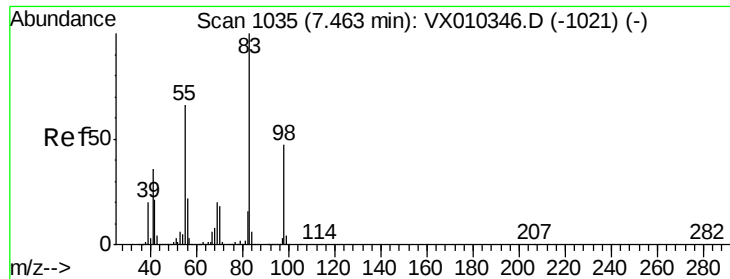


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

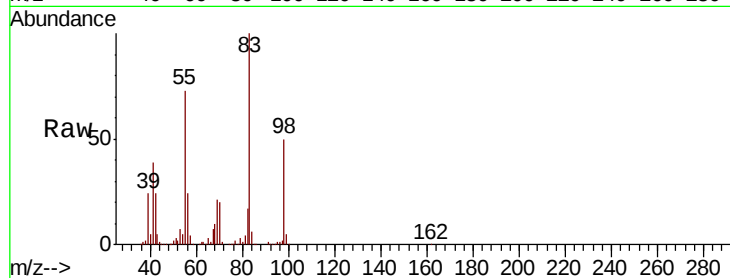




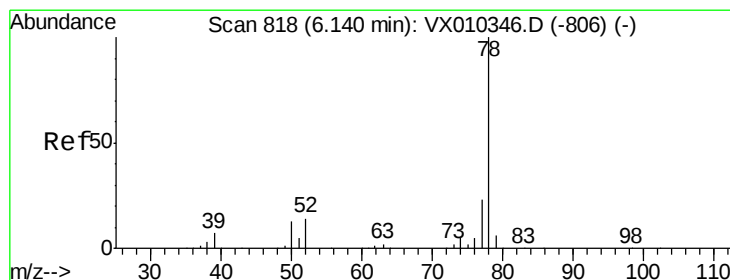
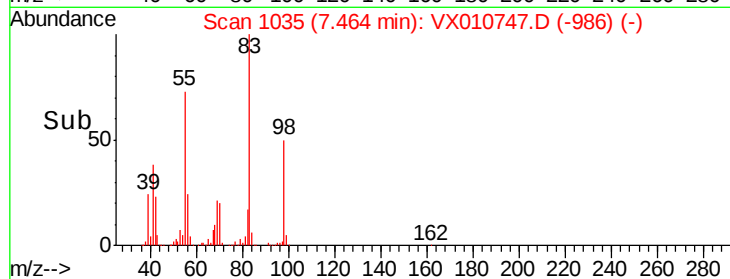
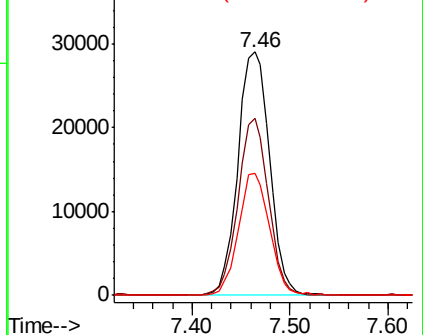
#39
Methylvlcvclohexane
Concen: 20.115 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion: 83 Resp: 65546
Ion Ratio Lower Upper
83 100
55 72.9 53.0 79.6
98 50.2 37.8 56.8

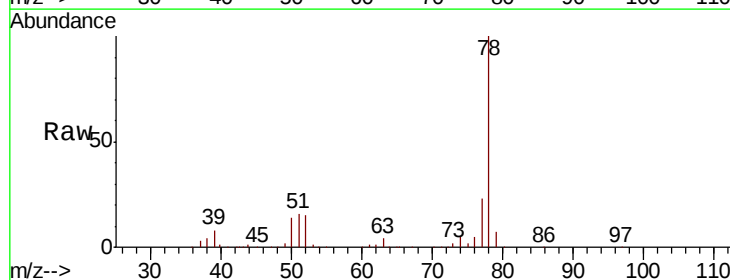


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

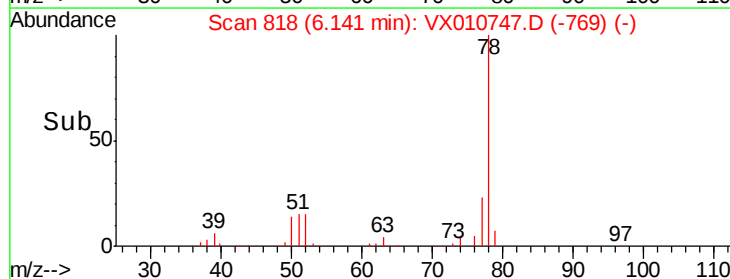
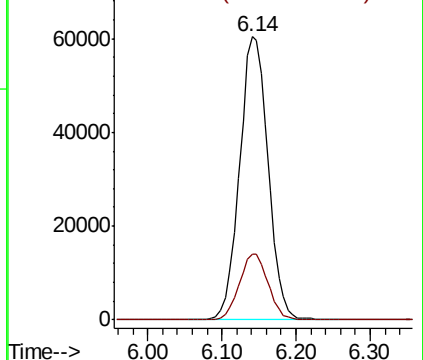


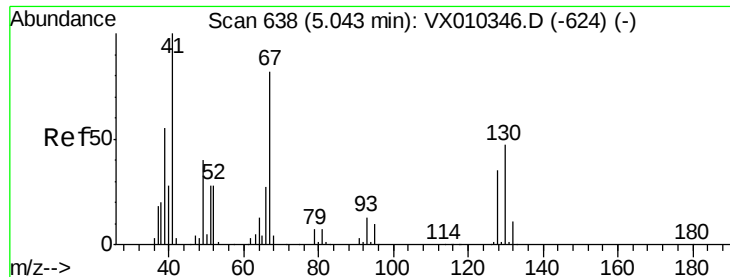
#40
Benzene
Concen: 20.995 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion: 78 Resp: 162151
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 20.957 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleID :

VX0709WBSD01

Tot Ion: 41 Resp: 29326

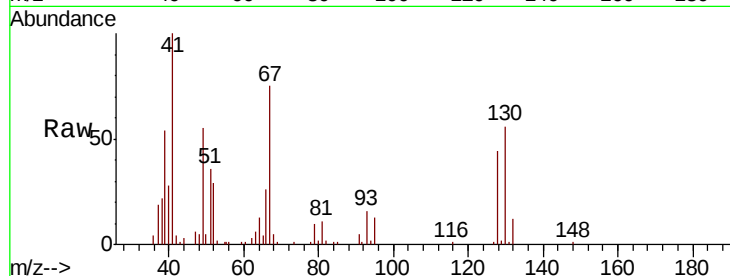
Ion Ratio Lower Upper

41 100

39 57.4 43.8 65.8

67 83.7 66.6 100.0

52 33.8 24.5 36.7

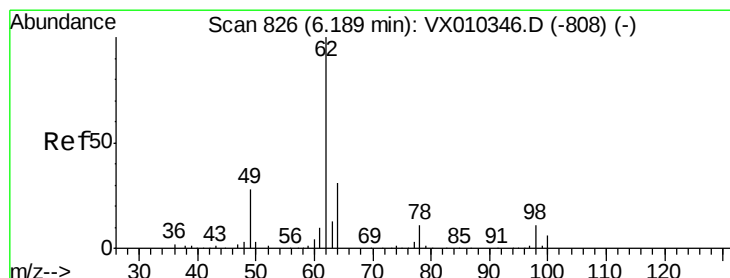
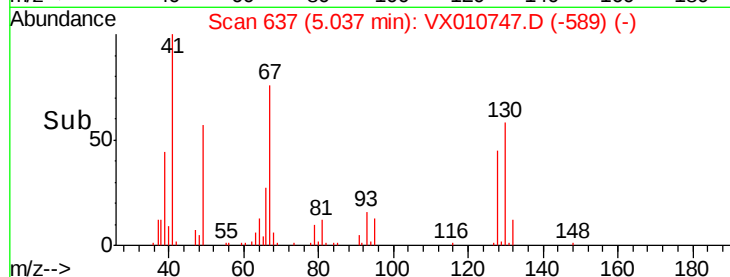
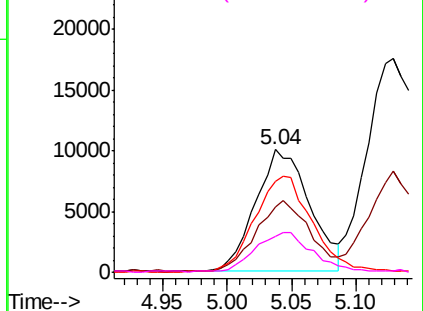


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.824 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010747.D

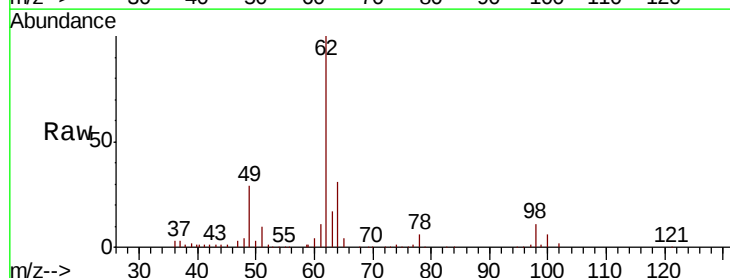
Acq: 09 Jul 2019 13:51

Tgt Ion: 62 Resp: 53659

Ion Ratio Lower Upper

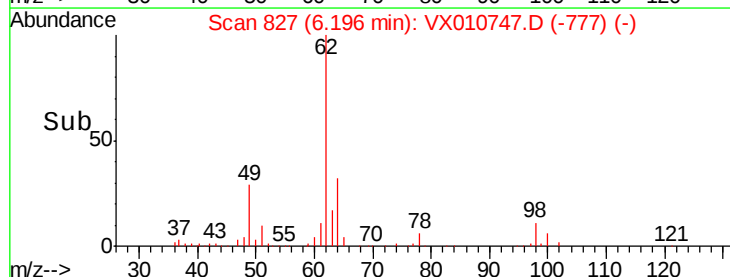
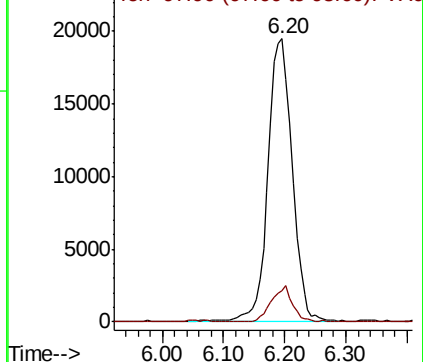
62 100

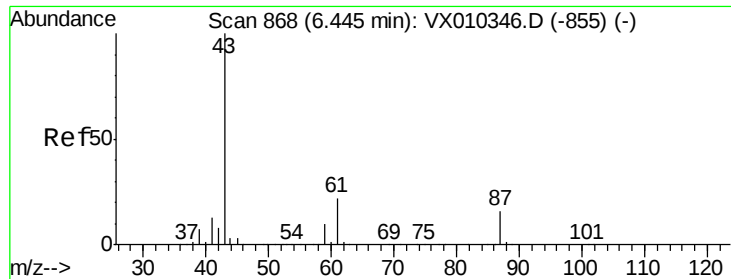
98 10.9 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



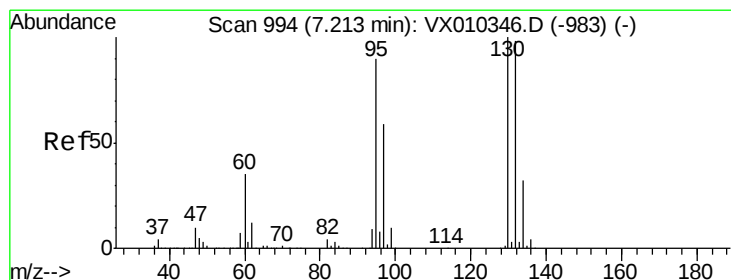
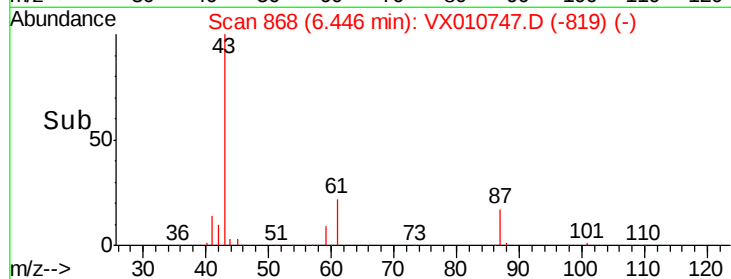
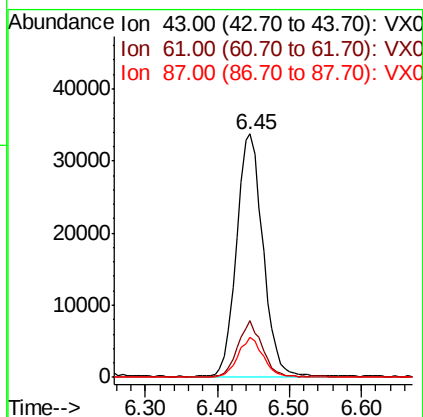
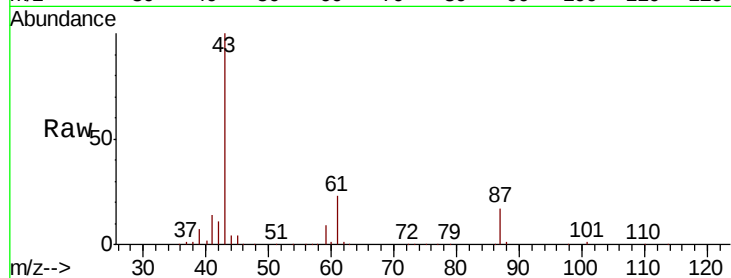


#43

Isopropyl Acetate
 Concen: 20.260 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

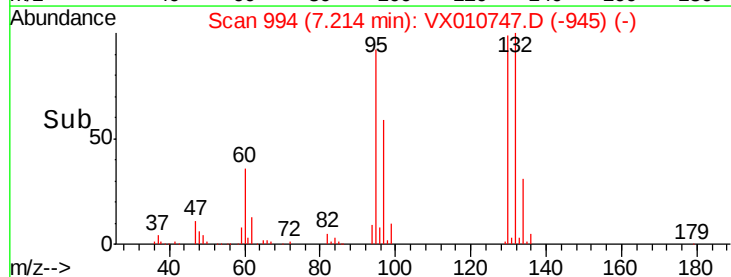
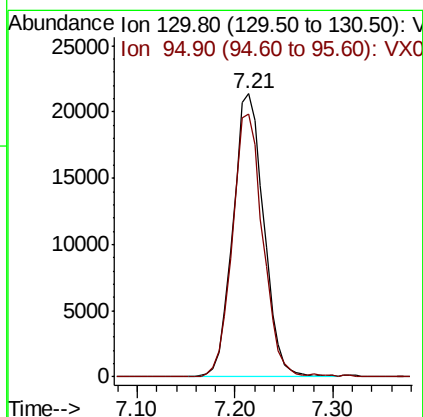
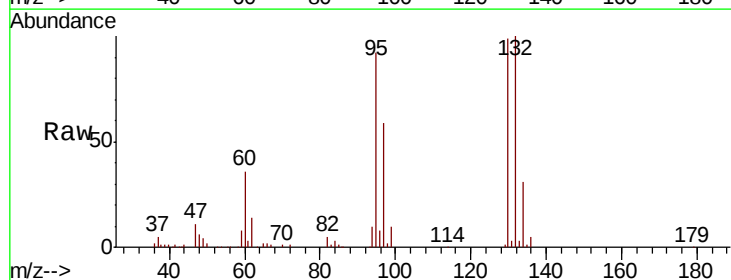
Tot Ion: 43 Resp: 85487
 Ion Ratio Lower Upper
 43 100
 61 21.7 17.8 26.6
 87 15.9 13.0 19.4

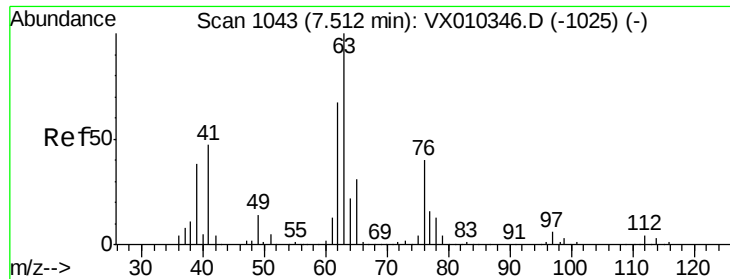


#44

Trichloroethene
 Concen: 20.192 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion:130 Resp: 46664
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 180.8





#45

1,2-Dichloropropane

Concen: 20.456 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

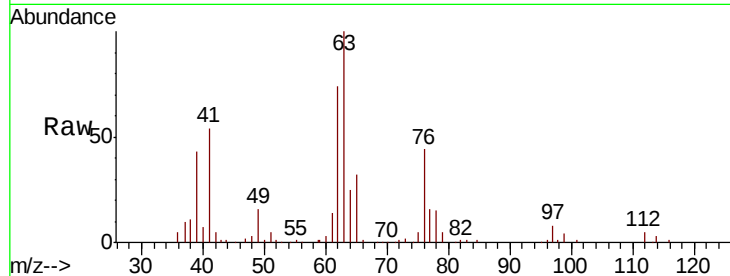
VX0709WBSD01

Tot Ion: 63 Resp: 39897

Ion Ratio Lower Upper

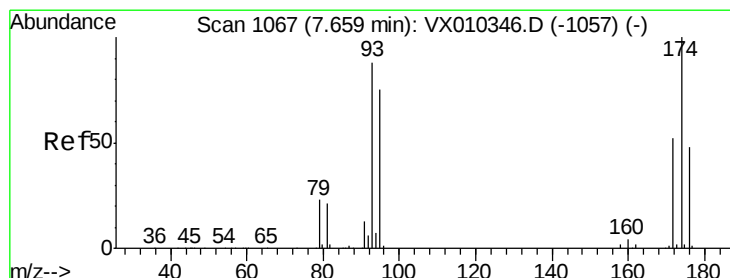
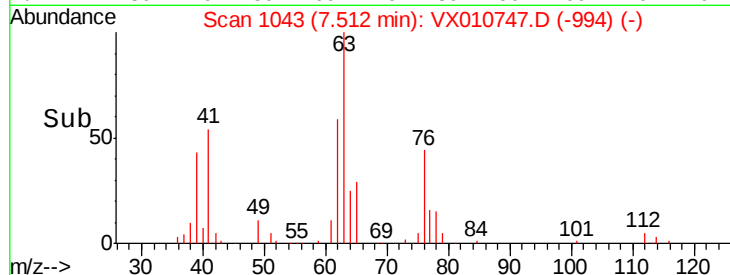
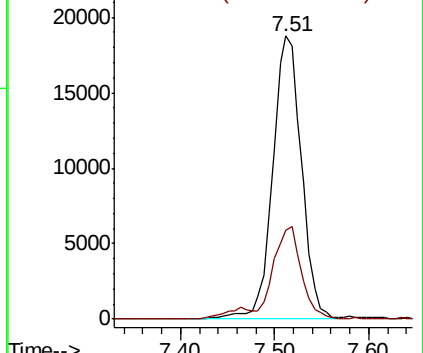
63 100

65 31.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.051 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

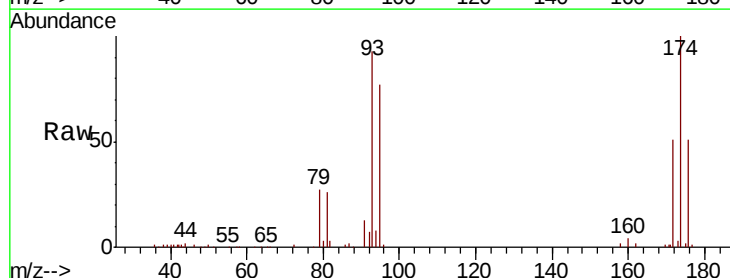
Tgt Ion: 93 Resp: 29458

Ion Ratio Lower Upper

93 100

95 84.8 67.5 101.3

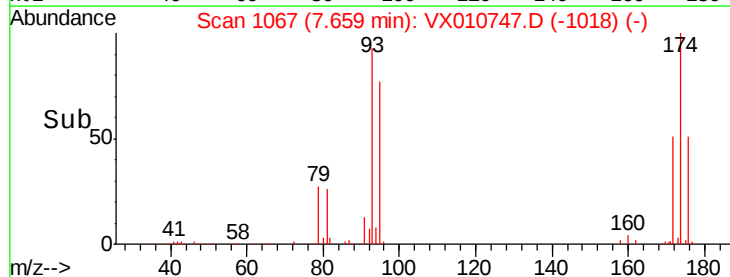
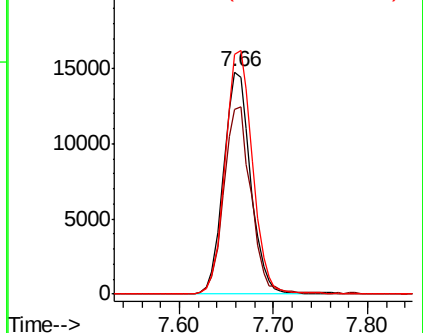
174 110.9 95.8 143.6

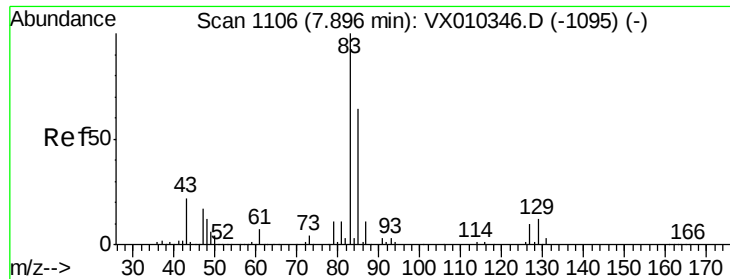


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

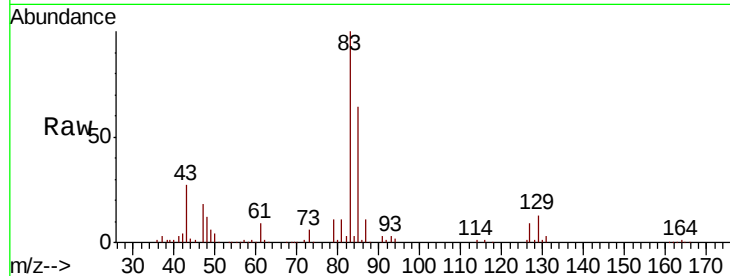




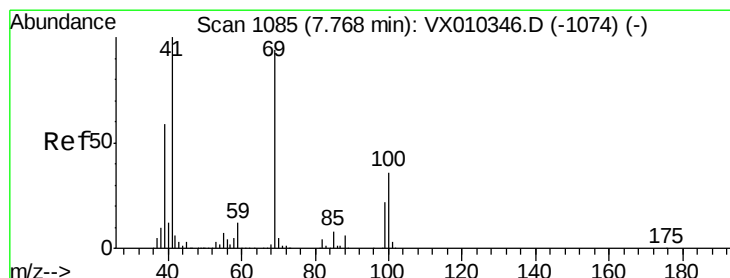
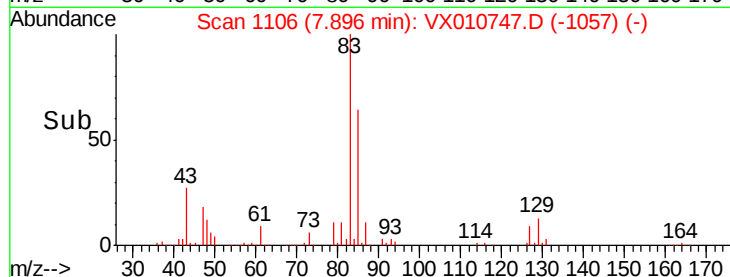
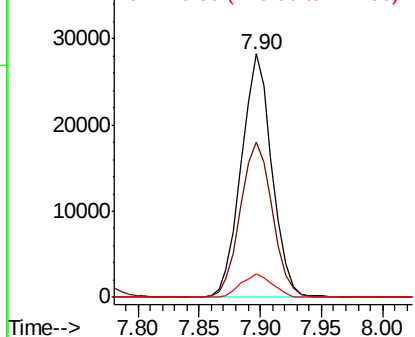
#47
Bromodichloromethane
Concen: 19.207 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion: 83 Resp: 49256
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3
127 9.4 7.8 11.8

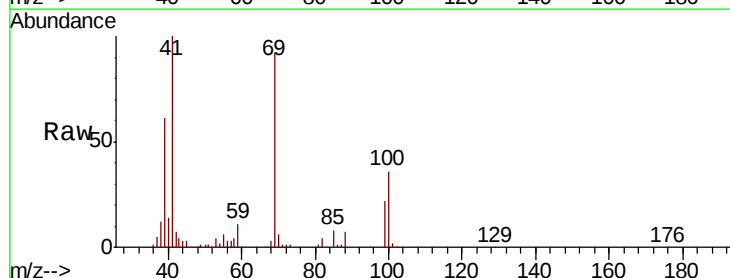


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

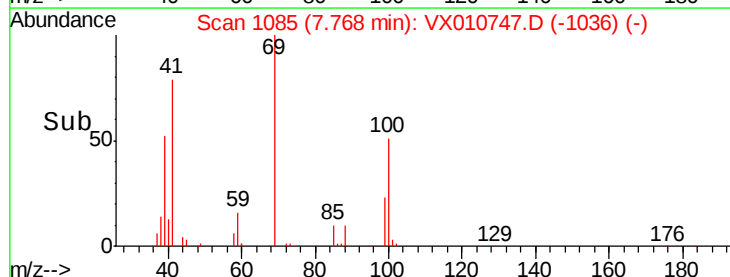
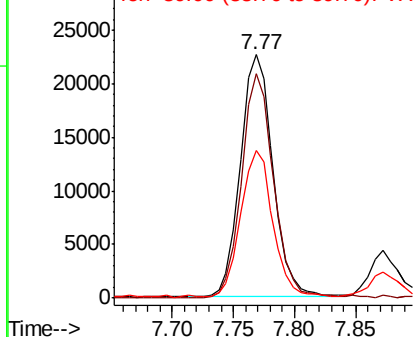


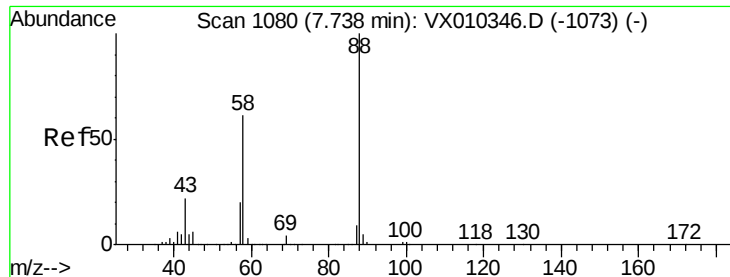
#48
Methyl methacrylate
Concen: 21.350 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion: 41 Resp: 41873
Ion Ratio Lower Upper
41 100
69 91.2 76.1 114.1
39 60.0 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 390.326 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

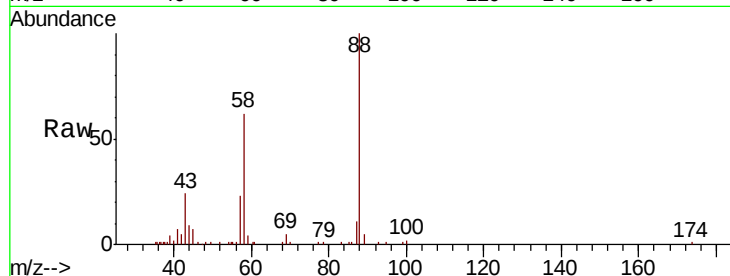
MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion: 88 Resp: 22053

Ion	Ratio	Lower	Upper
88	100		
43	25.9	20.2	30.2
58	63.2	49.5	74.3

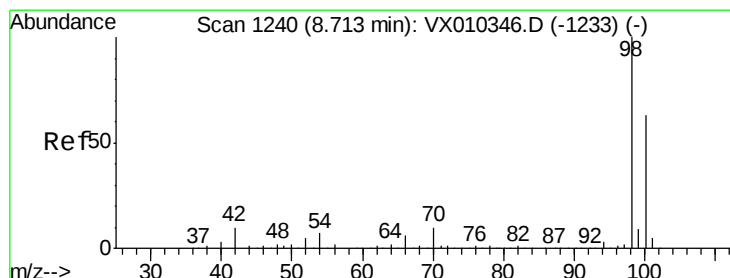
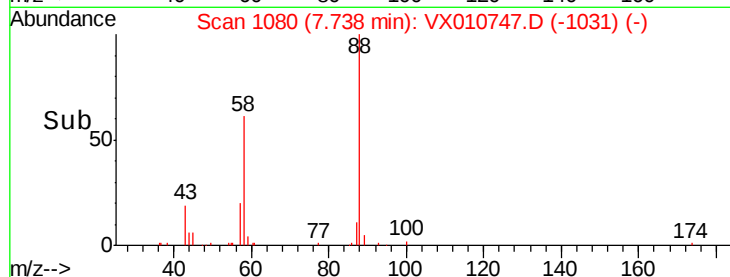
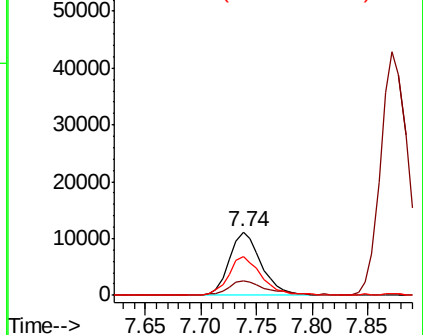


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.849 ug/l

RT: 8.71 min Scan# 1240

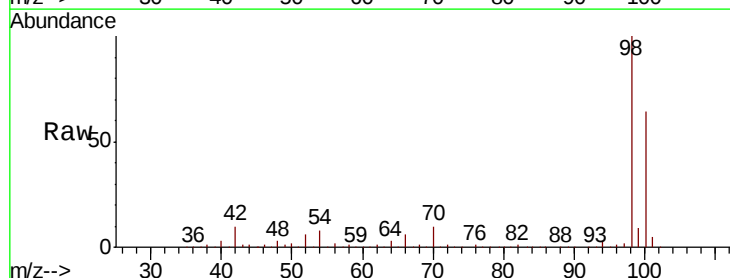
Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Tgt Ion: 98 Resp: 349408

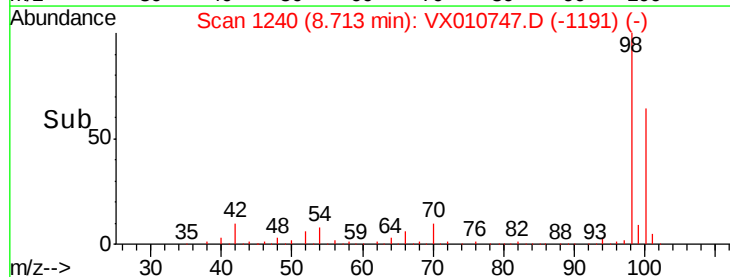
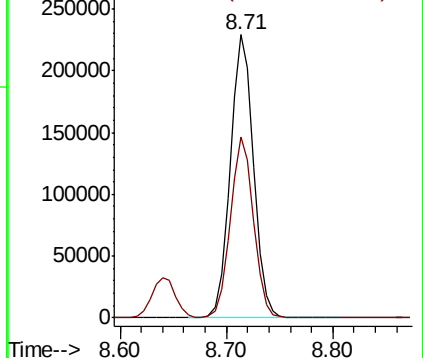
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4

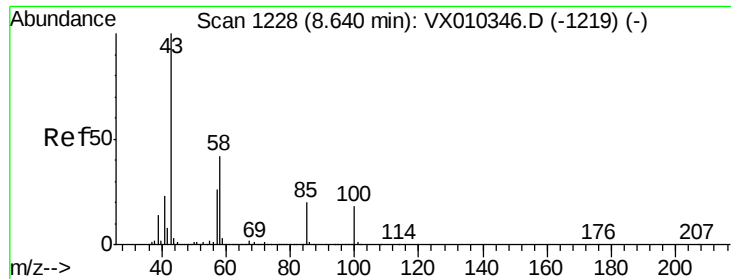


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

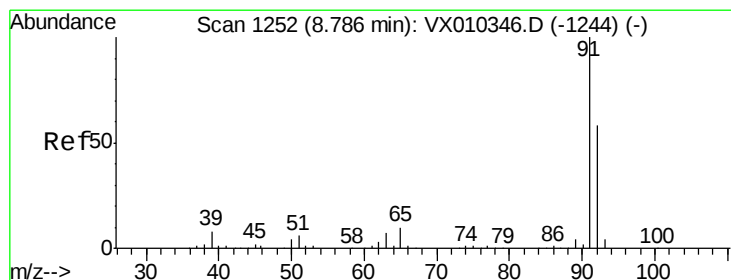
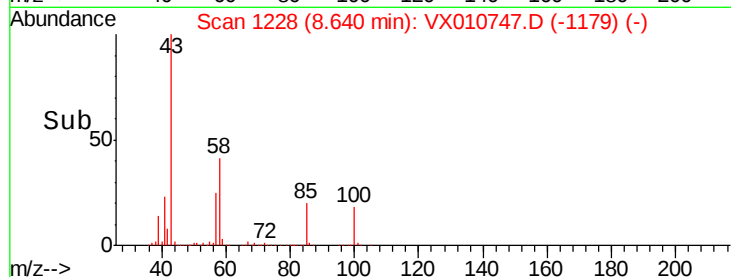
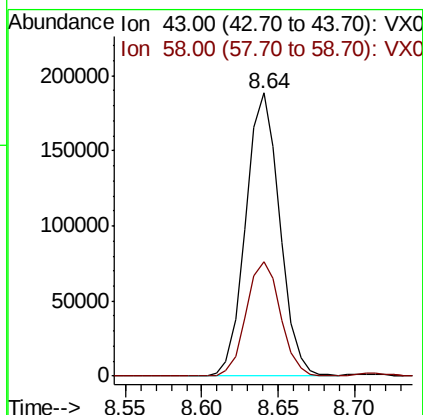
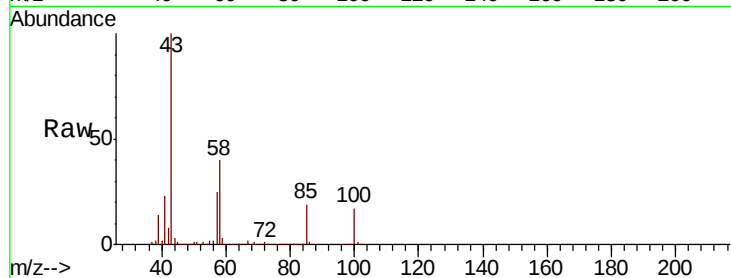




#51
 4-Methyl-2-Pentanone
 Concen: 108.000 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

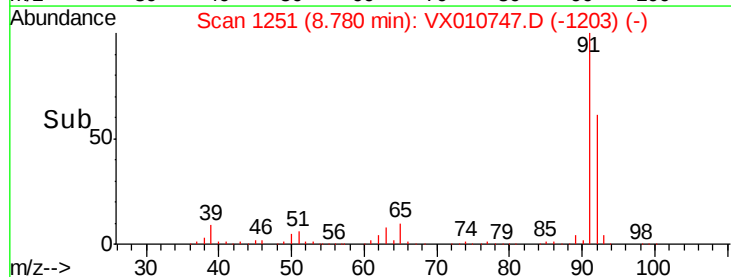
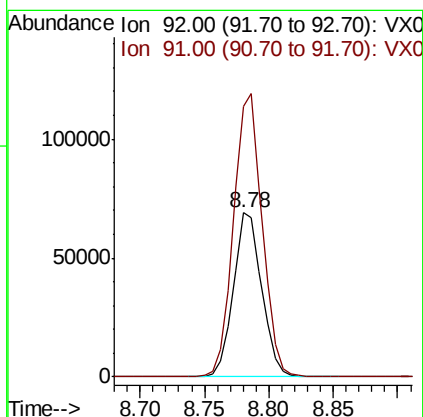
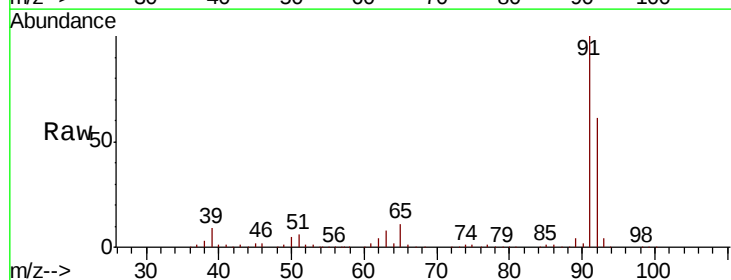
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

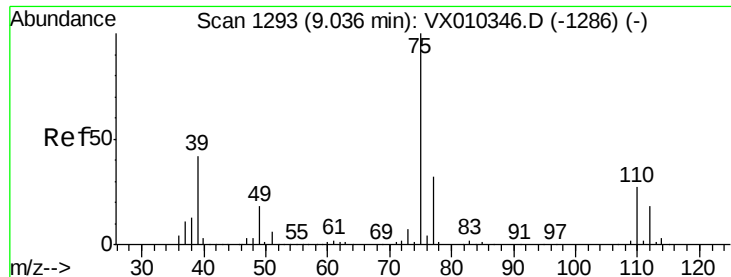
Tot Ion: 43 Resp: 291449
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.5 50.3



#52
 Toluene
 Concen: 20.755 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion: 92 Resp: 105562
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 18.004 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

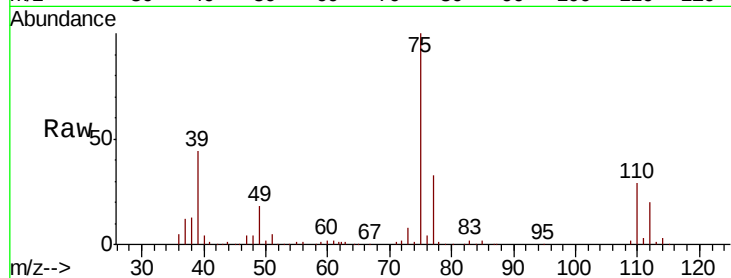
VX0709WBSD01

Tot Ion: 75 Resp: 51763

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

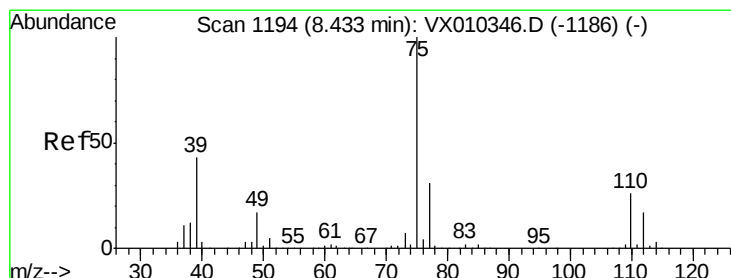
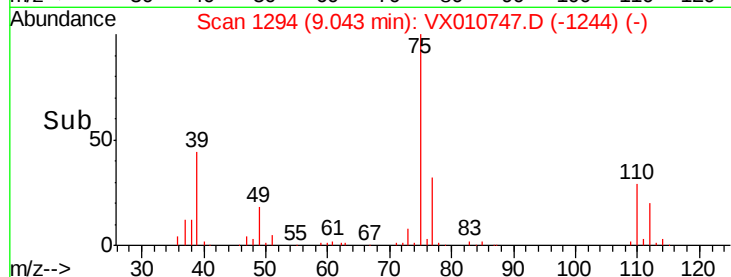
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.217 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

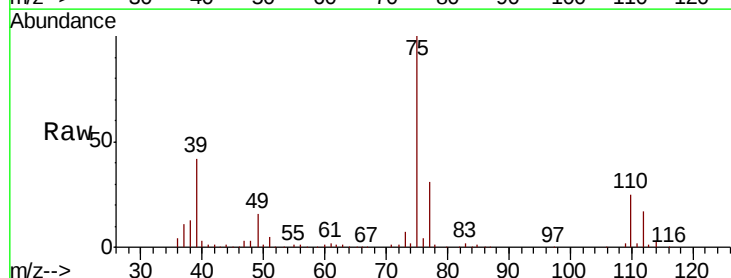
Tgt Ion: 75 Resp: 60043

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 41.5 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

50000

40000

30000

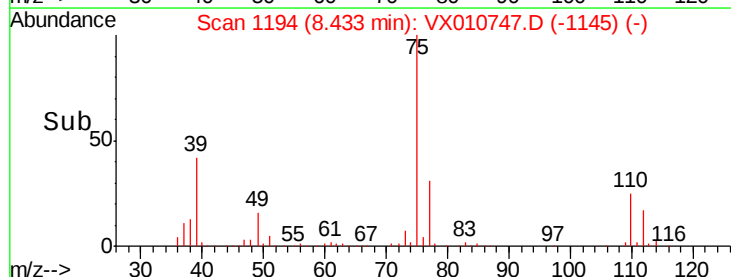
20000

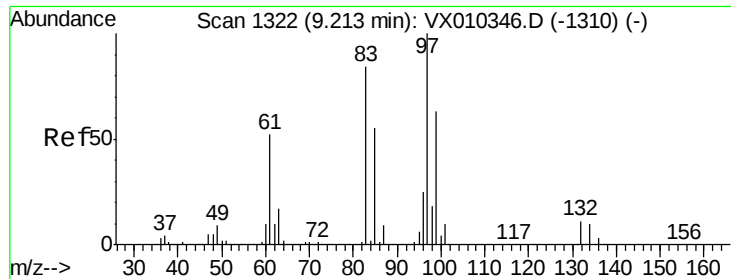
10000

0

8.35 8.40 8.45 8.50 8.55

Time-->

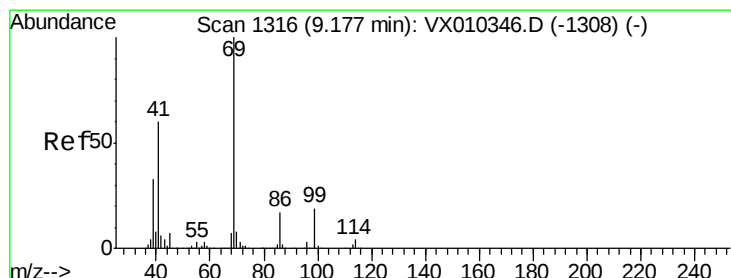
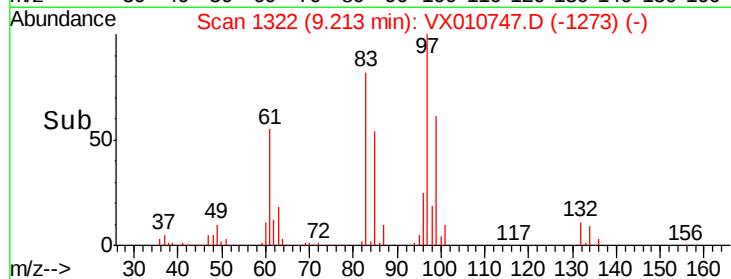
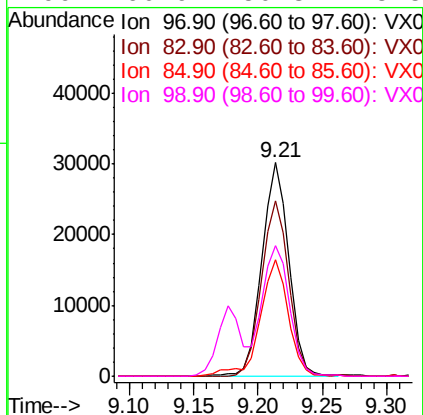
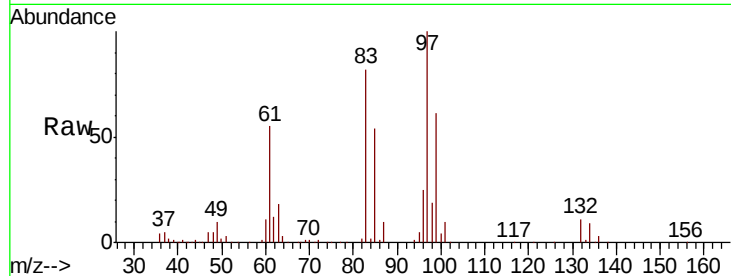




#55
 1,1,2-Trichloroethane
 Concen: 20.813 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

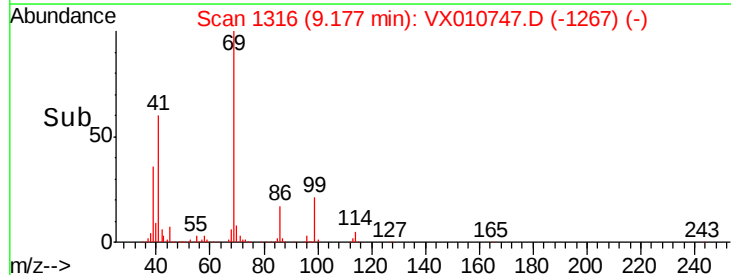
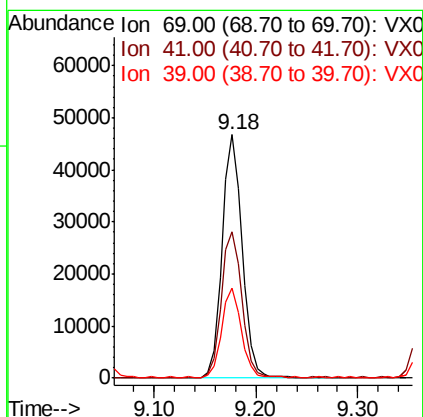
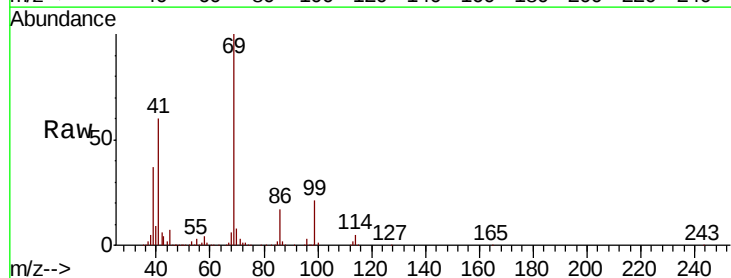
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

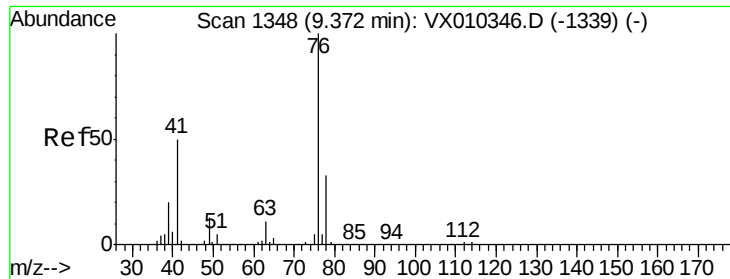
Tot Ion:	97	Resp:	43657
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.4	101.0
85	54.5	43.8	65.8
99	60.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 20.243 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion:	69	Resp:	64325
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.1	70.7
39	35.7	26.6	40.0

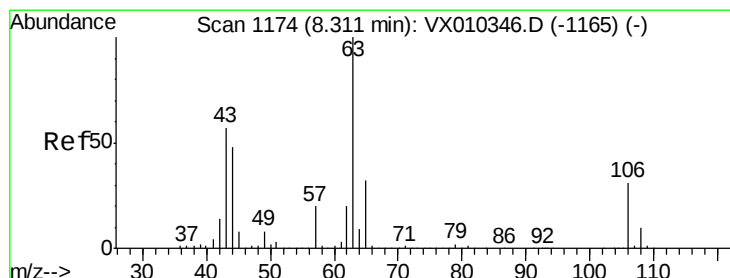
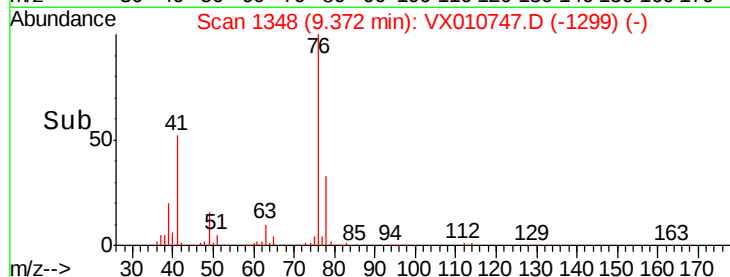
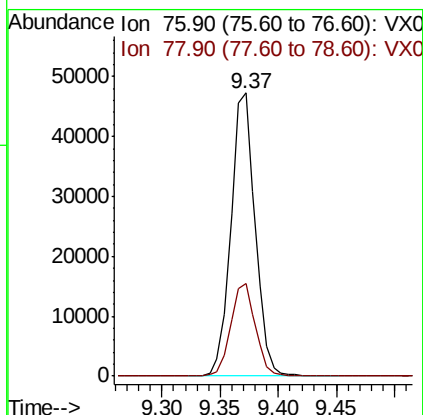
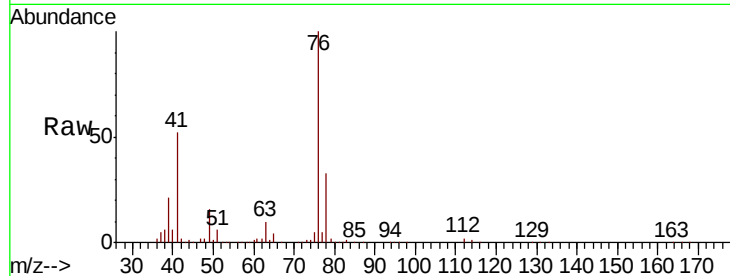




#57
 1,3-Dichloropropane
 Concen: 21.113 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

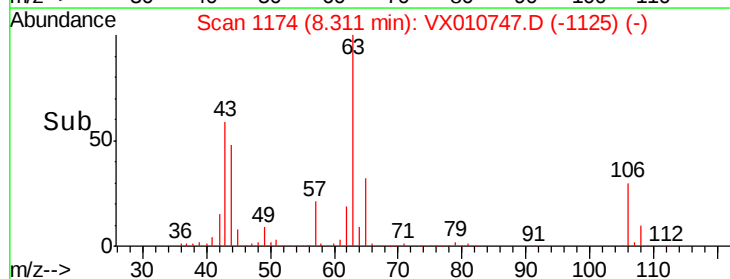
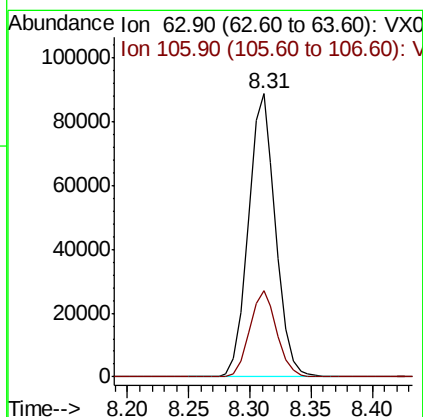
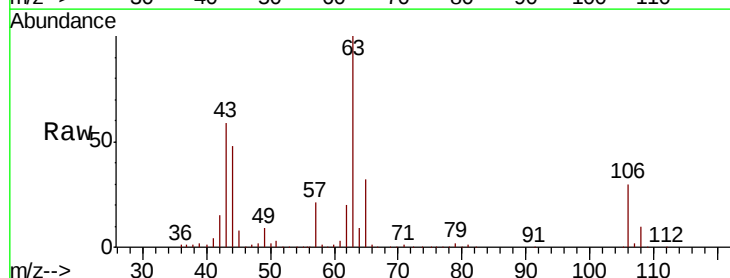
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

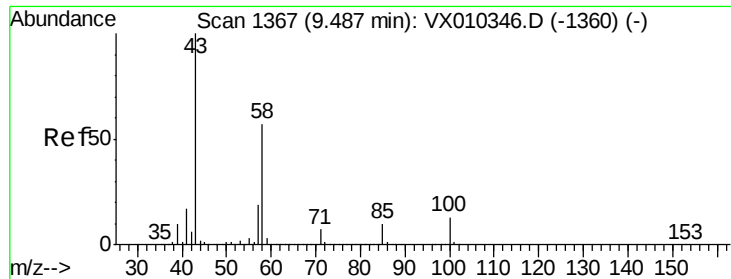
Tot Ion: 76 Resp: 68748
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.751 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion: 63 Resp: 136955
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.7 37.1

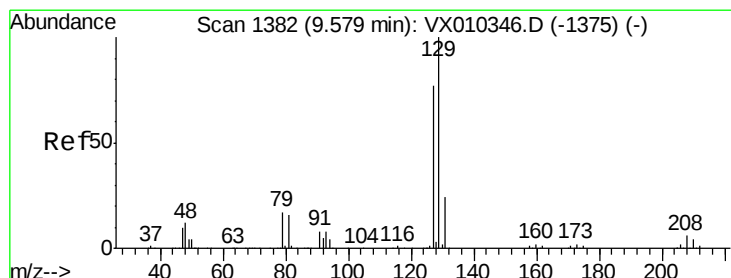
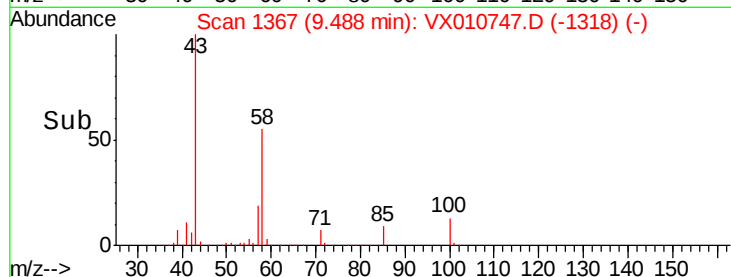
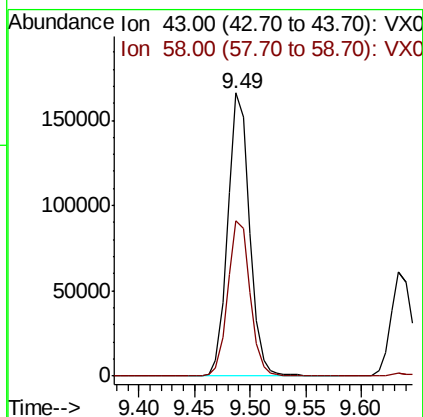
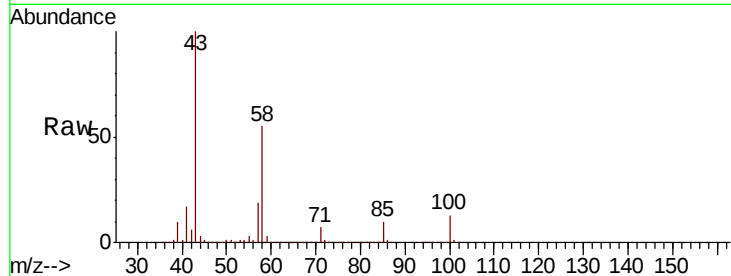




#59
2-Hexanone
Concen: 105.861 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

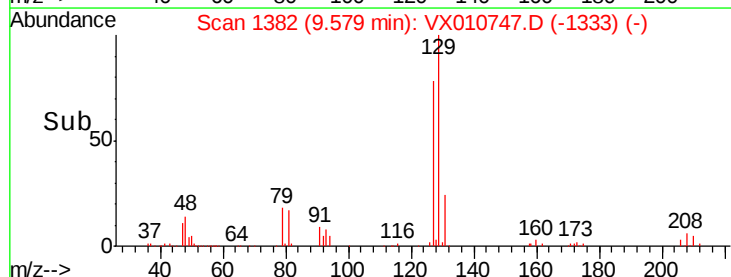
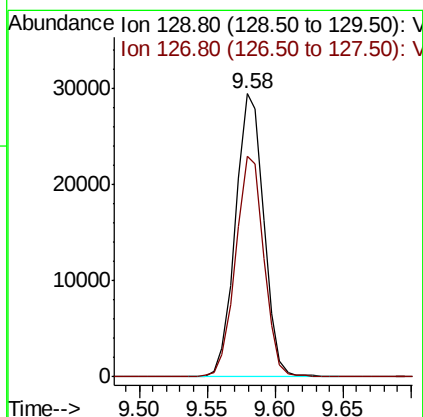
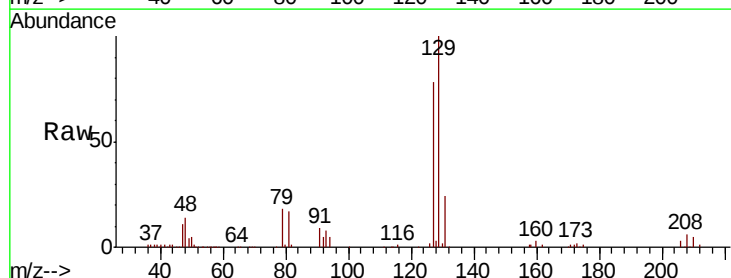
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

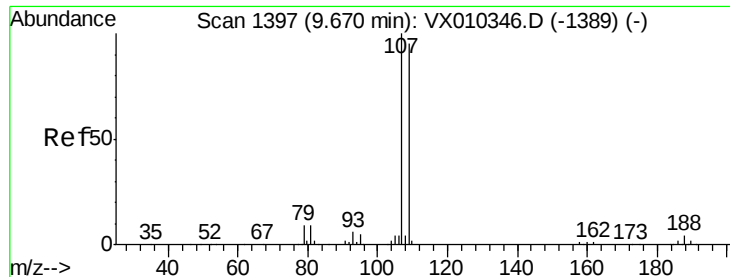
Tot Ion: 43 Resp: 224838
Ion Ratio Lower Upper
43 100
58 56.4 29.0 87.1



#60
Dibromochloromethane
Concen: 18.159 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion: 129 Resp: 42648
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.444 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

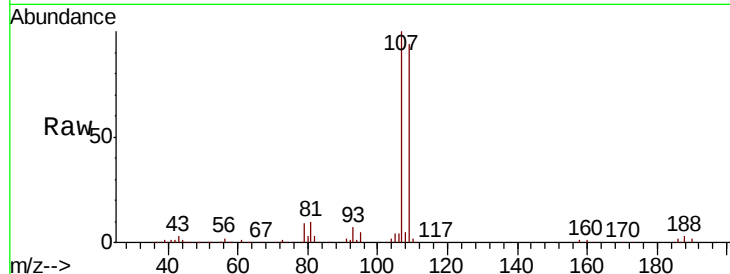
VX0709WBSD01

Tot Ion:107 Resp: 46288

Ion Ratio Lower Upper

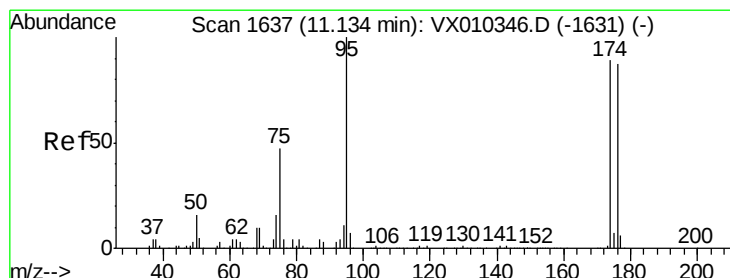
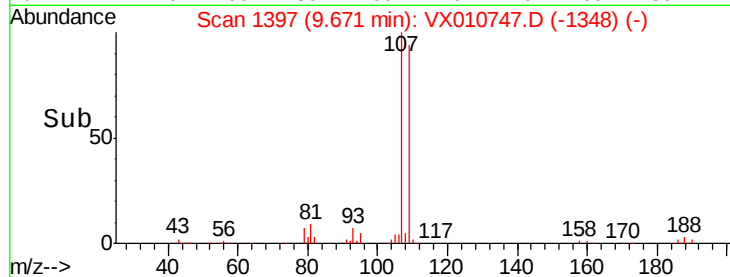
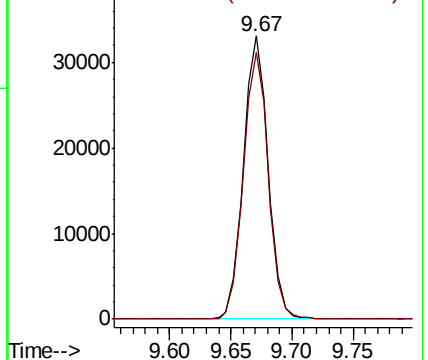
107 100

109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.528 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

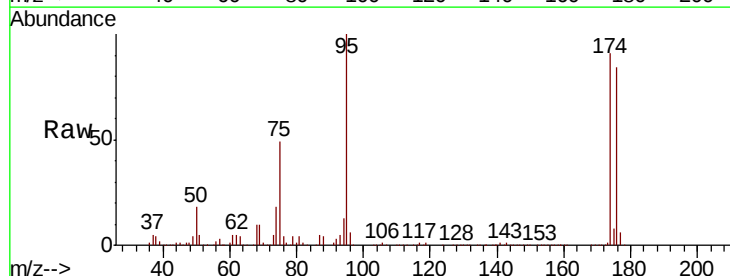
Tgt Ion: 95 Resp: 125300

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.6

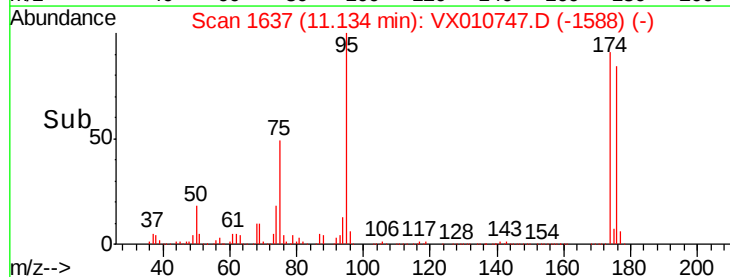
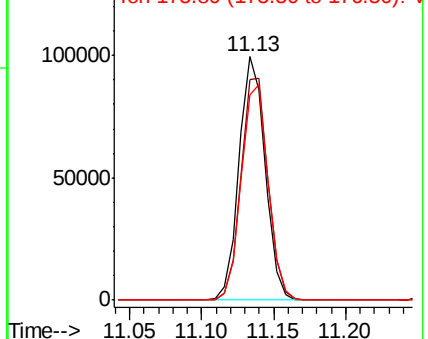
176 91.0 0.0 184.0

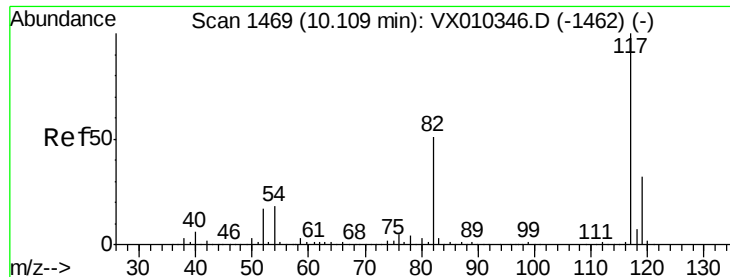


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

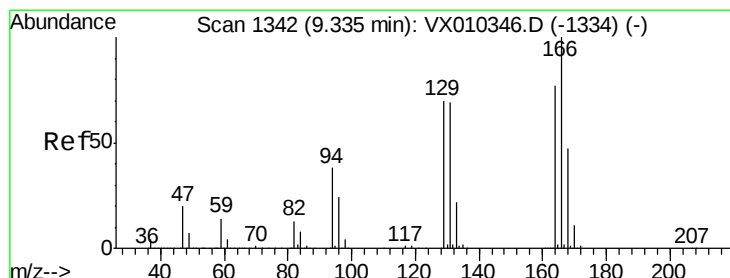
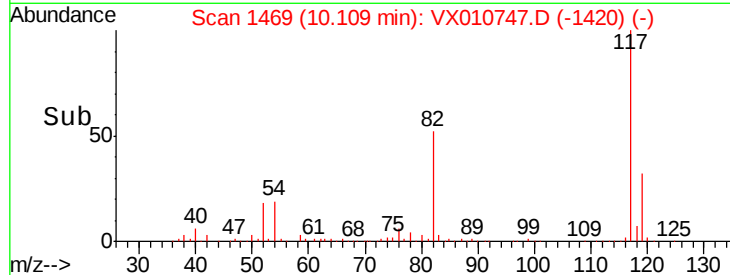
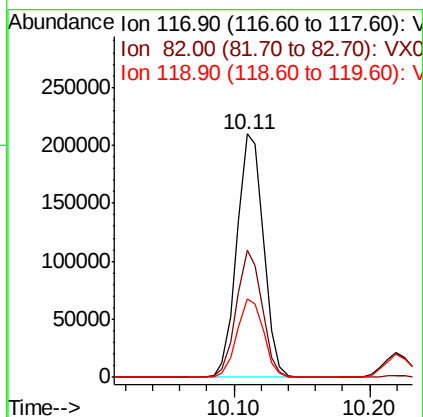
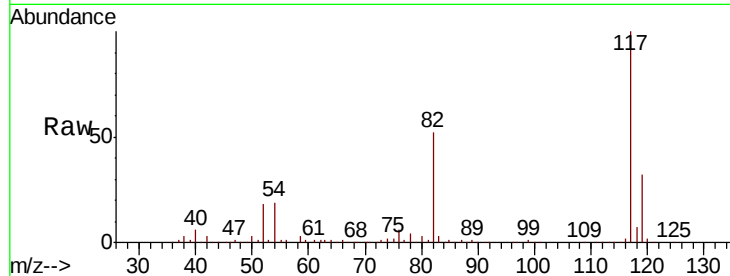




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

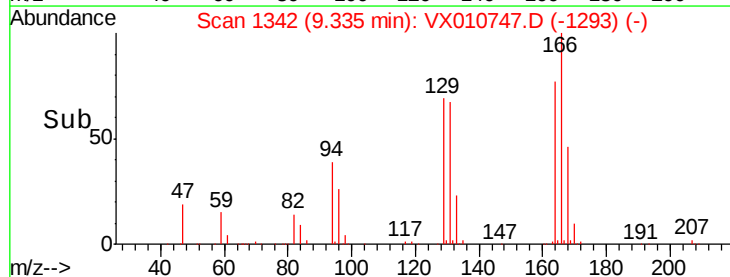
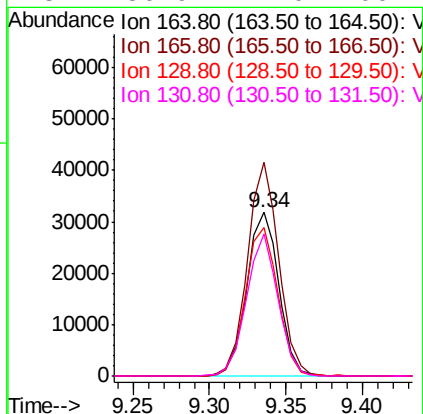
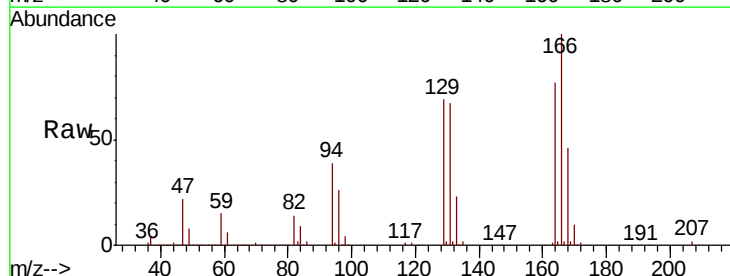
Instrument :
MSVOA_X
ClientSampled :
VX0709WBSD01

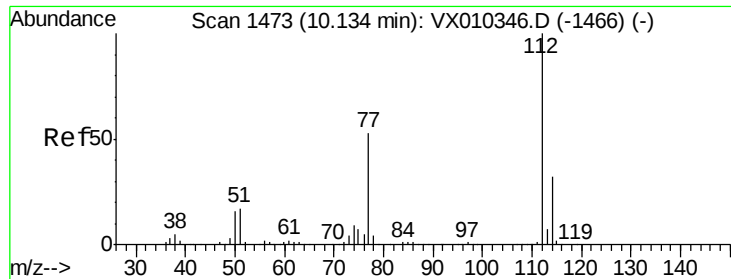
Tot Ion:117 Resp: 285548
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 20.002 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion:164 Resp: 46197
Ion Ratio Lower Upper
164 100
166 130.6 103.6 155.4
129 90.5 73.0 109.4
131 86.9 71.0 106.4

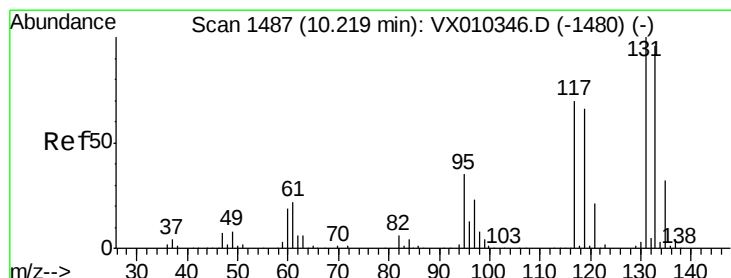
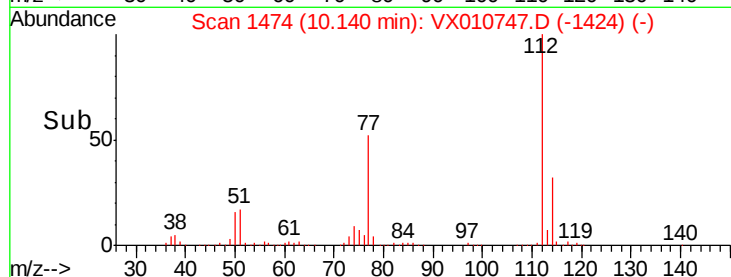
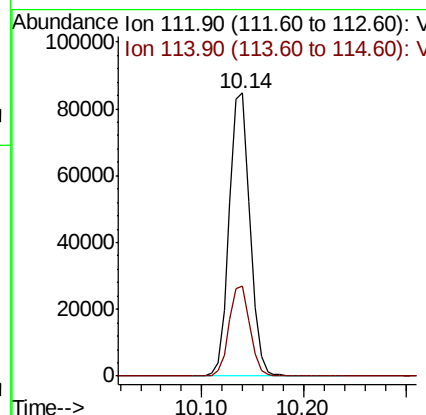
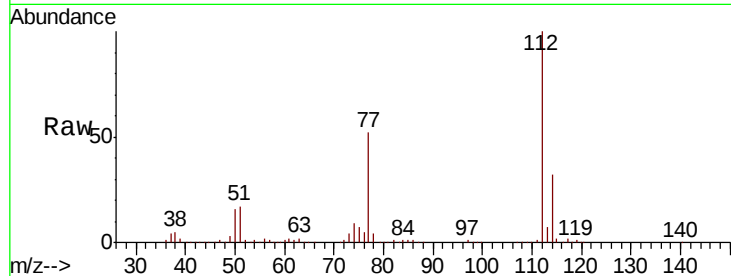




#65
Chlorobenzene
Concen: 20.542 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

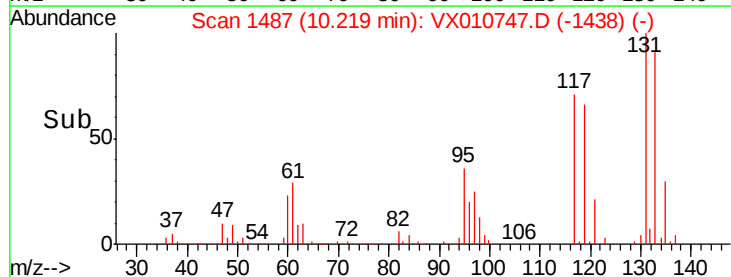
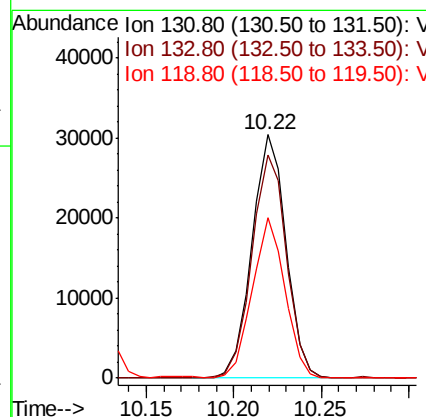
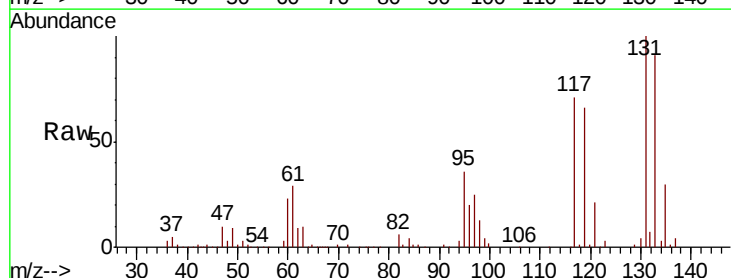
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

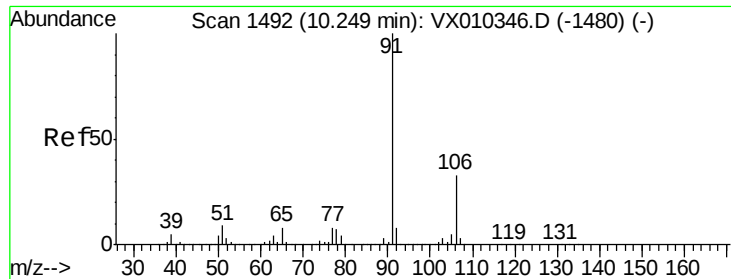
Tot Ion:112 Resp: 119083
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.545 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion:131 Resp: 41271
Ion Ratio Lower Upper
131 100
133 93.2 47.7 143.1
119 63.6 32.6 97.7





#67

Ethyl Benzene

Concen: 20.707 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleID :

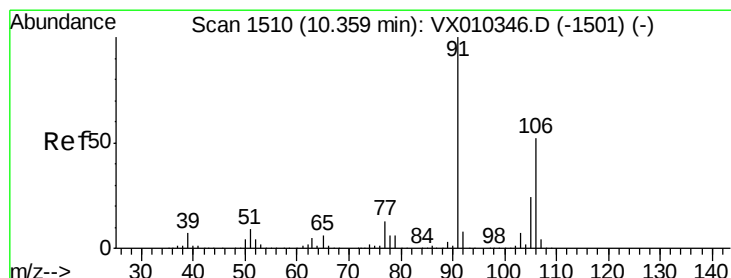
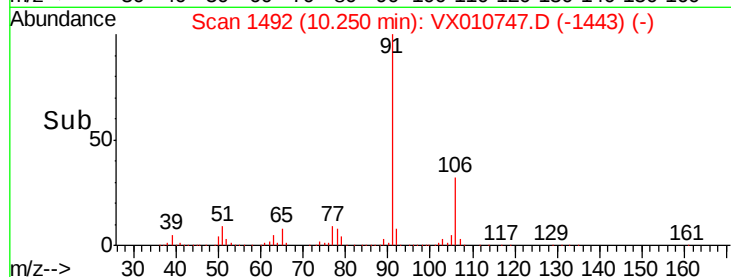
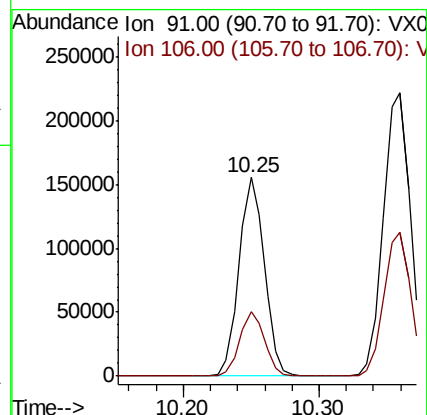
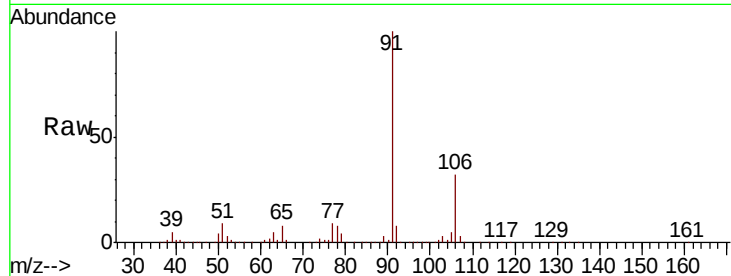
VX0709WBSD01

Tot Ion: 91 Resp: 202659

Ion Ratio Lower Upper

91 100

106 32.4 26.2 39.2



#68

m/p-Xylenes

Concen: 41.069 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010747.D

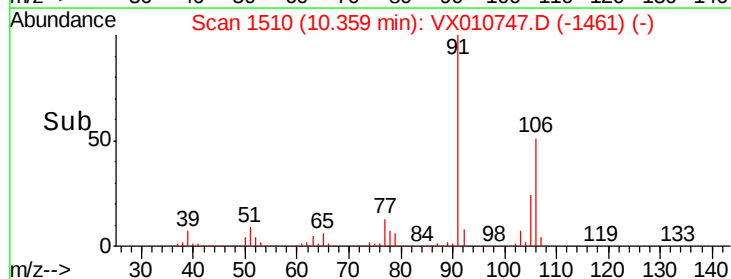
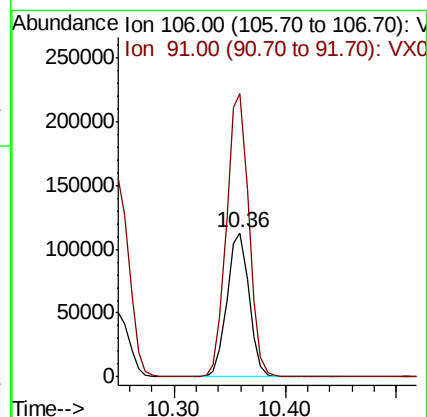
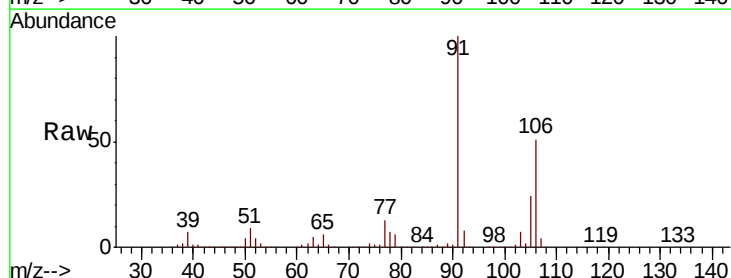
Acq: 09 Jul 2019 13:51

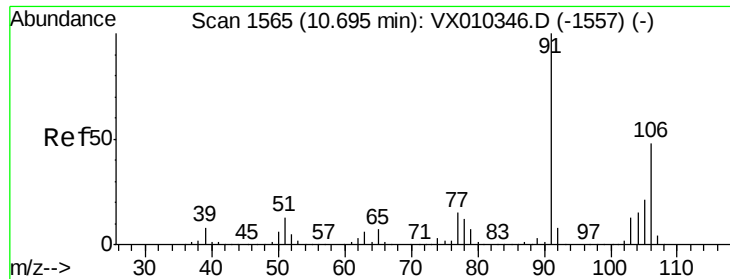
Tgt Ion: 106 Resp: 155741

Ion Ratio Lower Upper

106 100

91 196.9 155.3 232.9

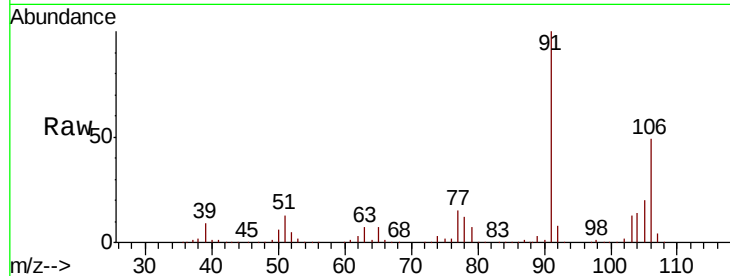




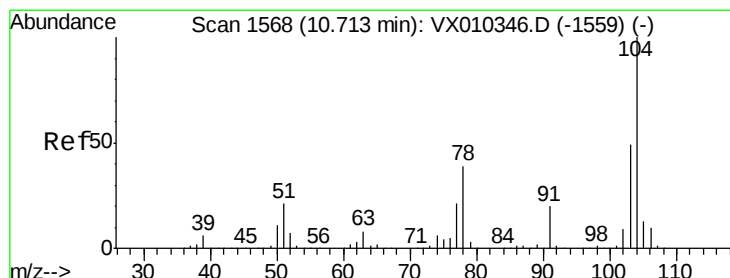
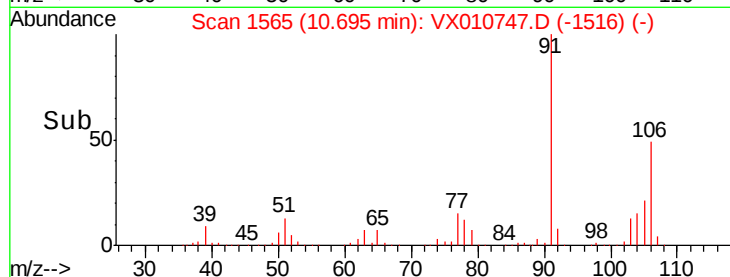
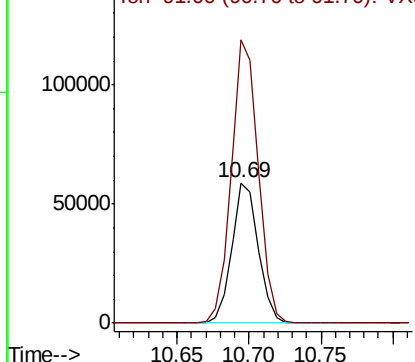
#69
o-Xylene
Concen: 20.448 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Instrument :
MSVOA_X
ClientSampled :
VX0709WBSD01

Tot Ion:106 Resp: 76255
Ion Ratio Lower Upper
106 100
91 204.1 102.7 308.1

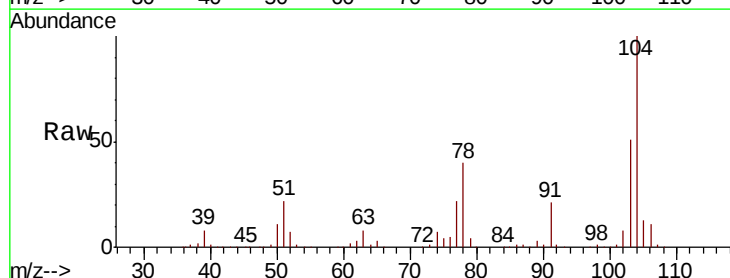


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

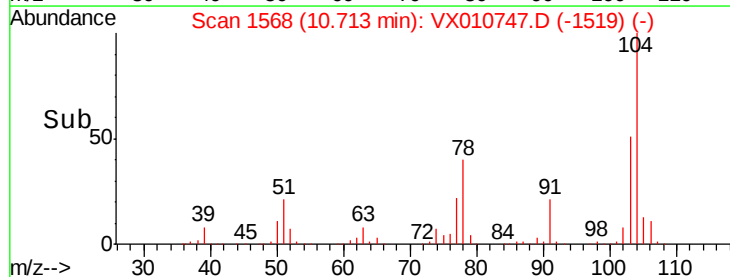
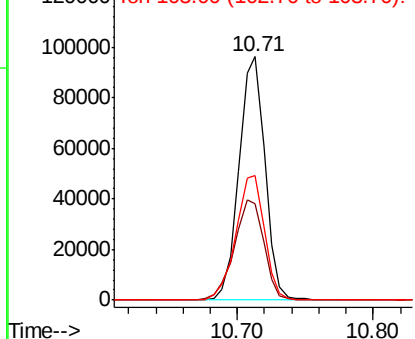


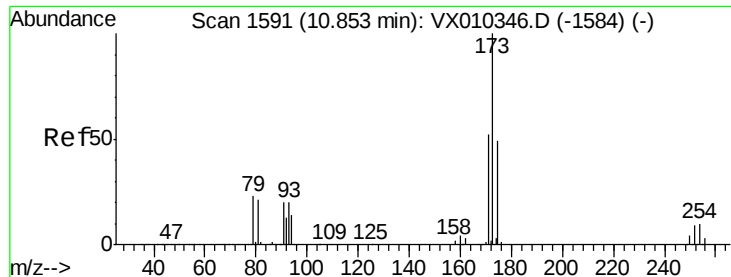
#70
Styrene
Concen: 20.560 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion:104 Resp: 128584
Ion Ratio Lower Upper
104 100
78 46.9 36.2 54.2
103 56.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.580 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

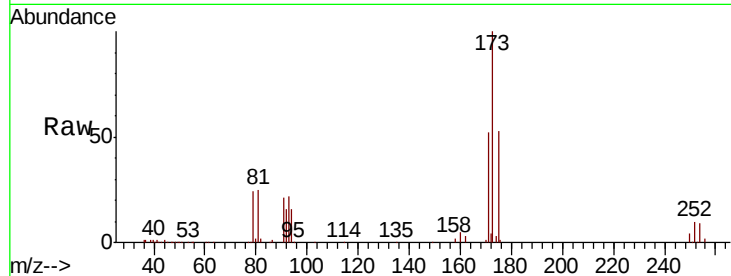
Tot Ion:173 Resp: 30447

Ion Ratio Lower Upper

173 100

175 50.8 24.1 72.3

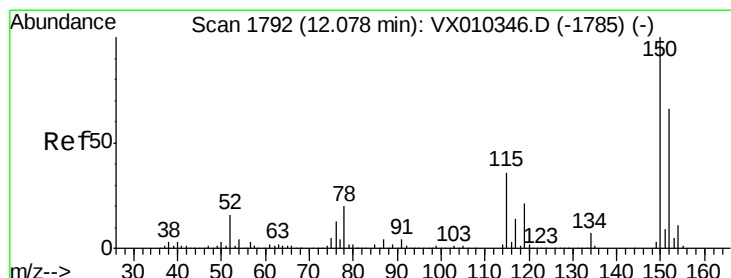
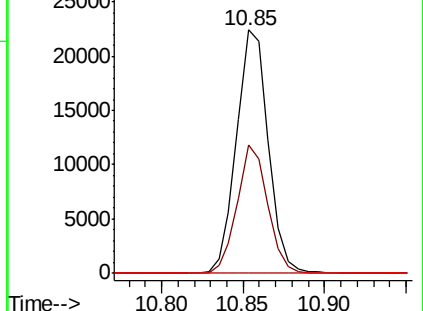
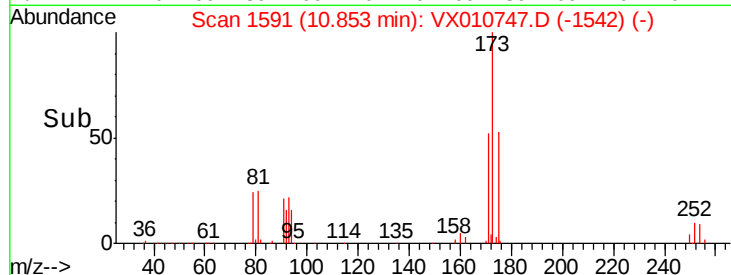
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

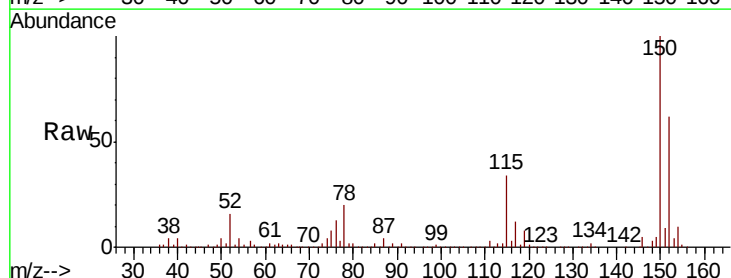
Tgt Ion:152 Resp: 148808

Ion Ratio Lower Upper

152 100

115 64.2 38.6 115.7

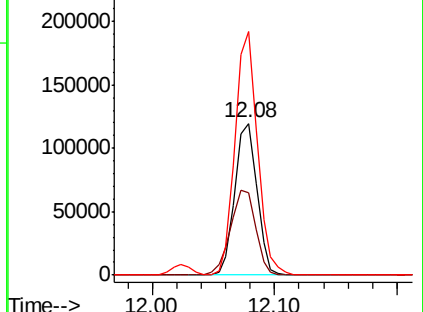
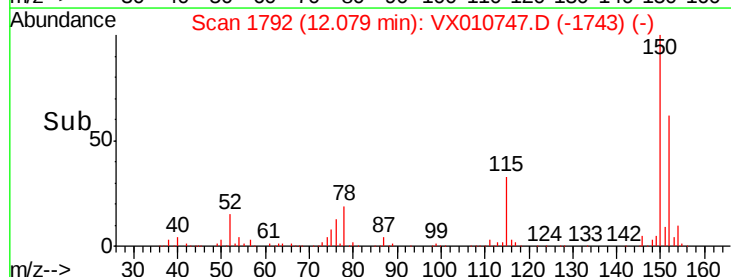
150 162.7 0.0 347.4

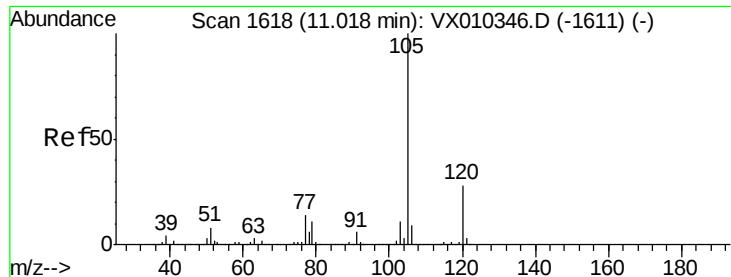


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.162 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

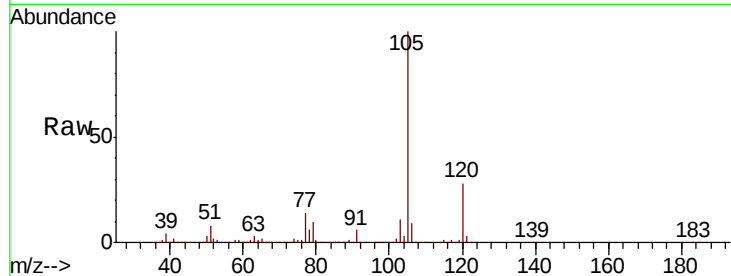
VX0709WBSD01

Tot Ion:105 Resp: 203381

Ion Ratio Lower Upper

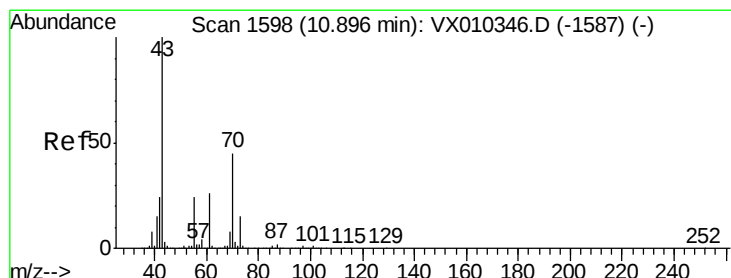
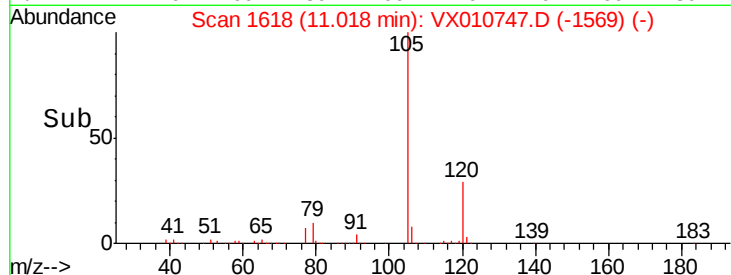
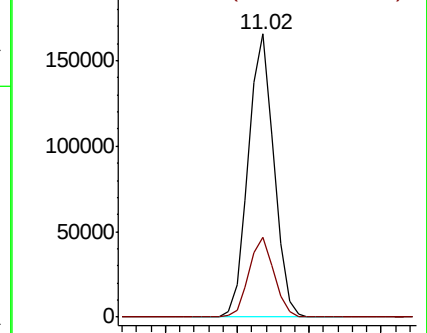
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.380 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Tgt Ion: 43 Resp: 77693

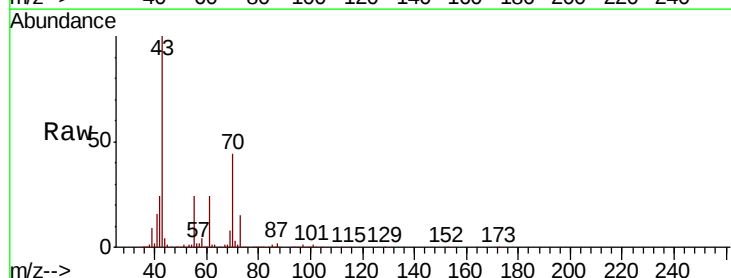
Ion Ratio Lower Upper

43 100

70 44.3 36.6 54.8

55 24.8 18.7 28.1

61 24.6 20.6 31.0

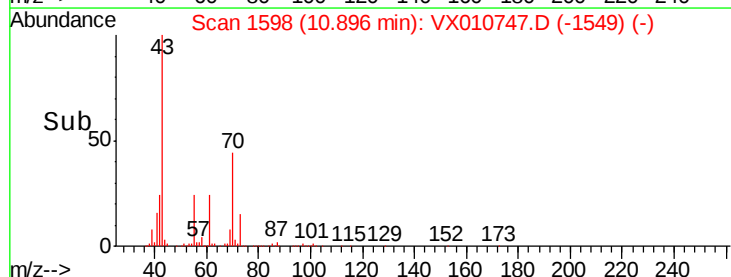
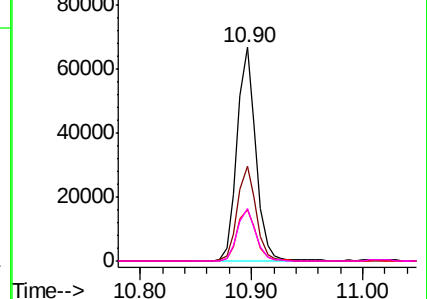


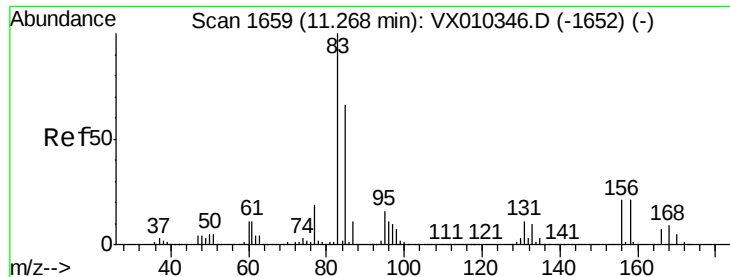
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.326 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

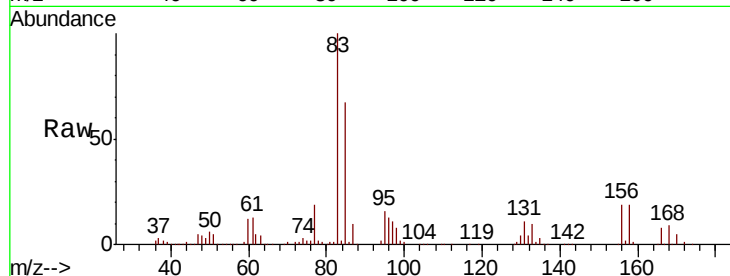
Tot Ion: 83 Resp: 67901

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

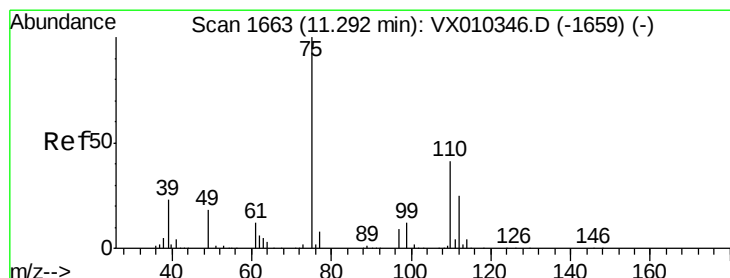
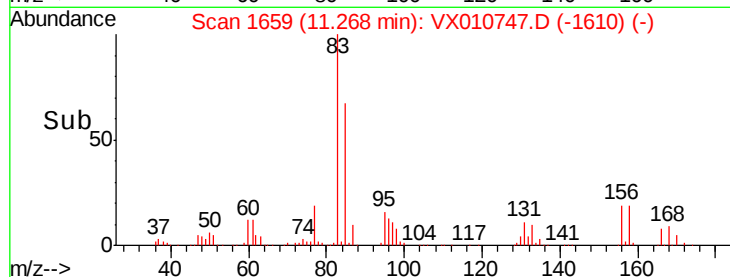
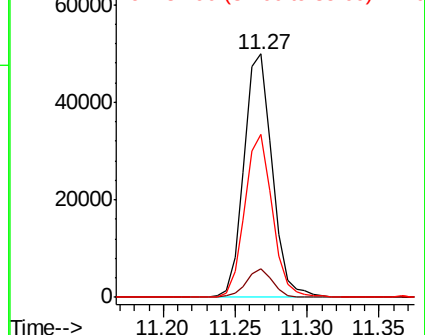
85 65.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.089 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010747.D

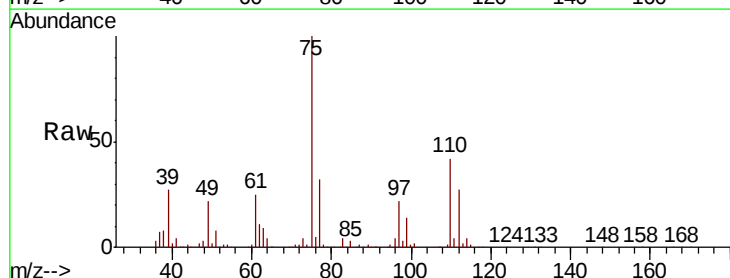
Acq: 09 Jul 2019 13:51

Tgt Ion: 75 Resp: 70744

Ion Ratio Lower Upper

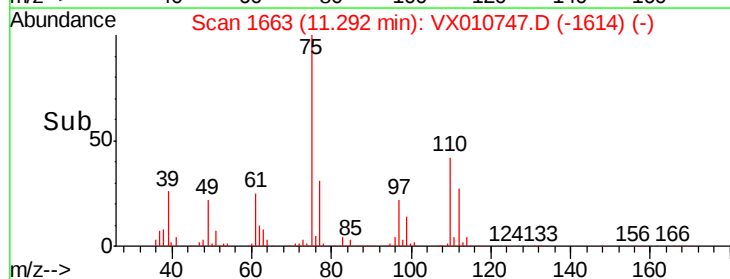
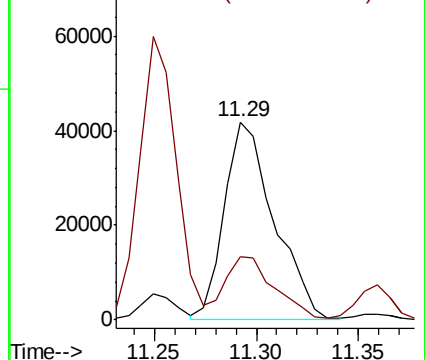
75 100

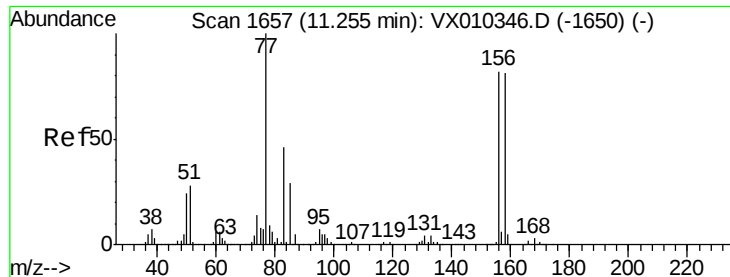
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.270 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

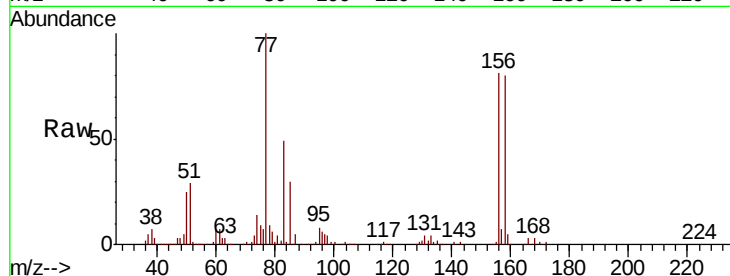
Tot Ion:156 Resp: 54276

Ion Ratio Lower Upper

156 100

77 138.0 66.3 198.7

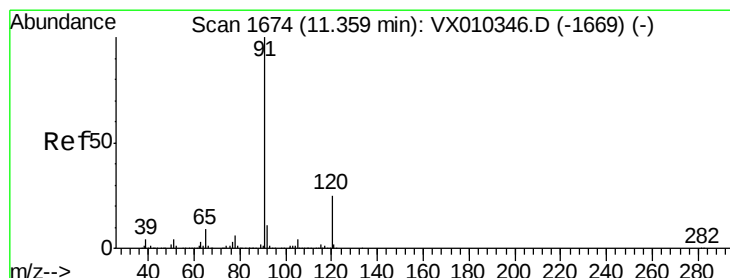
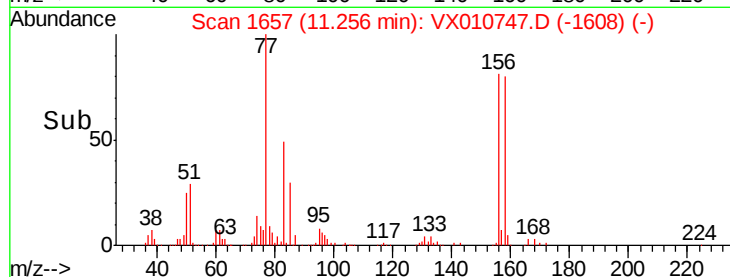
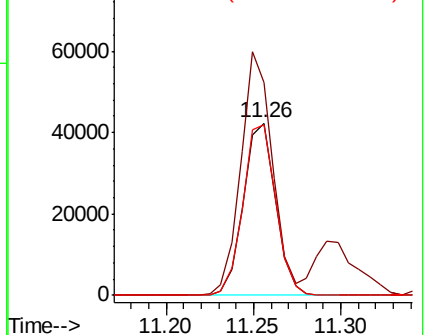
158 101.0 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.267 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010747.D

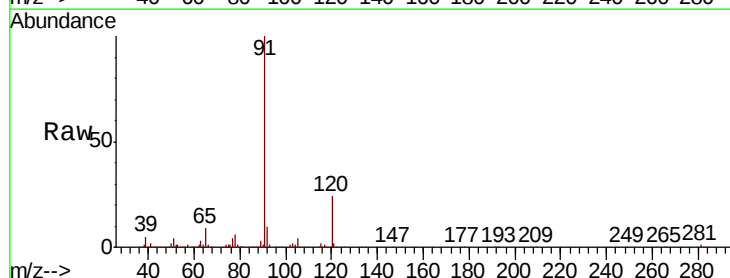
Acq: 09 Jul 2019 13:51

Tgt Ion: 91 Resp: 224689

Ion Ratio Lower Upper

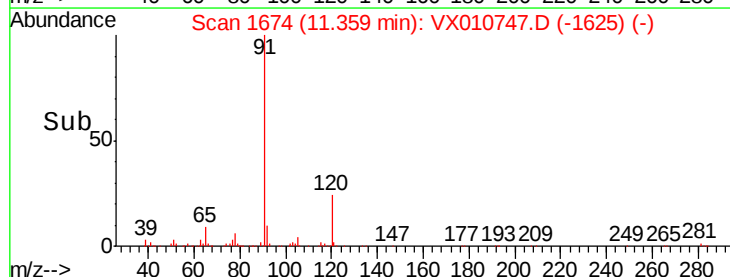
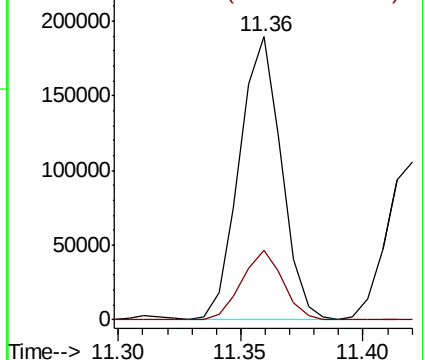
91 100

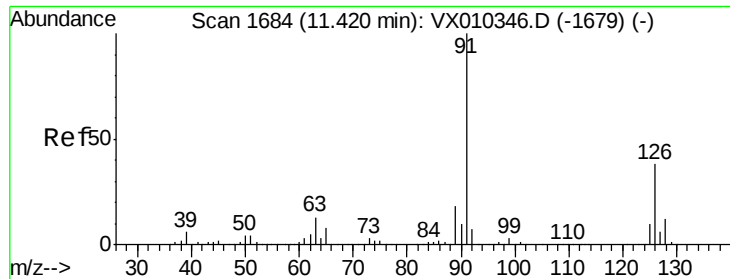
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.002 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

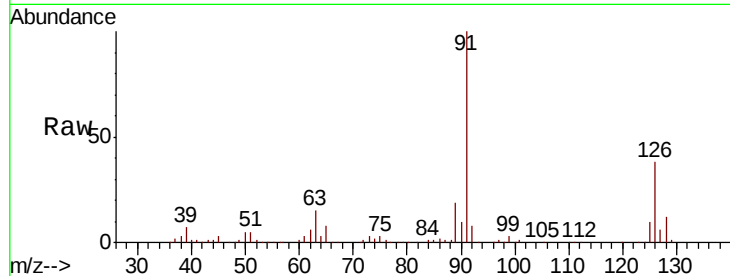
VX0709WBSD01

Tot Ion: 91 Resp: 132044

Ion Ratio Lower Upper

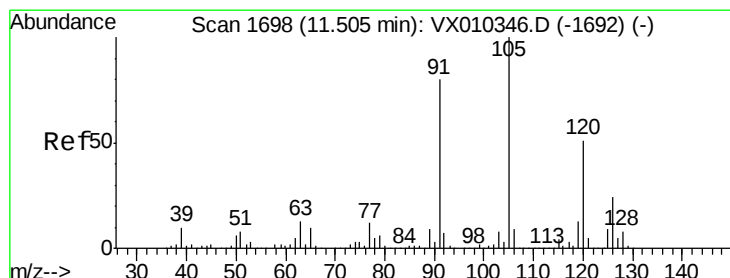
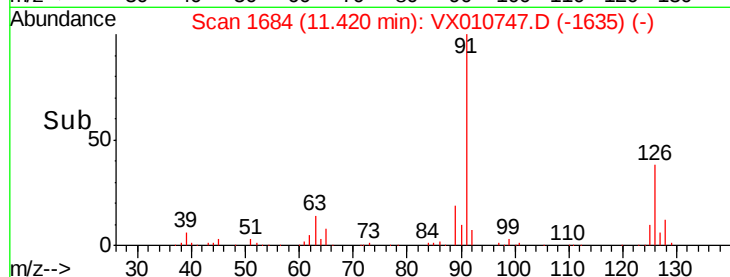
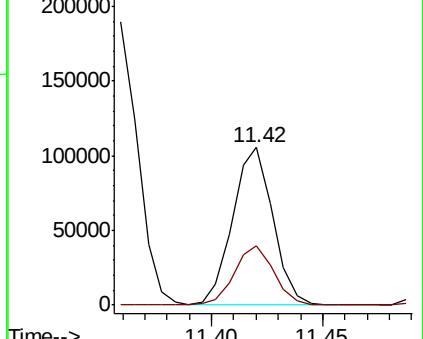
91 100

126 37.3 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.402 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010747.D

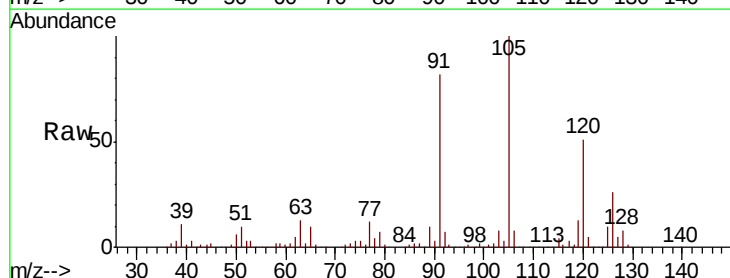
Acq: 09 Jul 2019 13:51

Tgt Ion:105 Resp: 169660

Ion Ratio Lower Upper

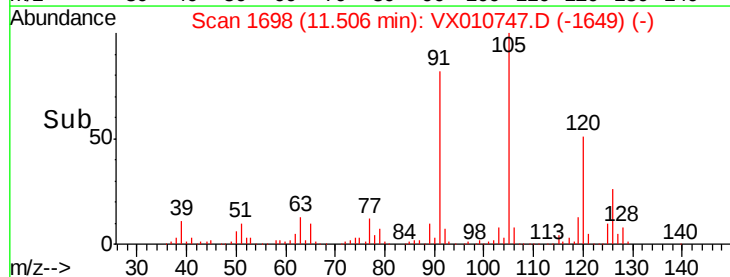
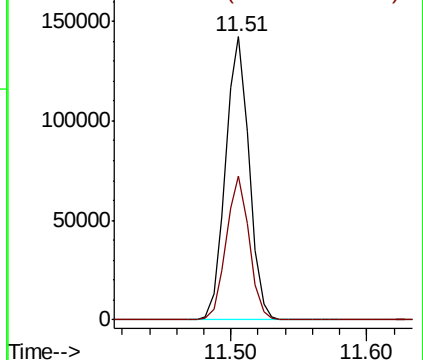
105 100

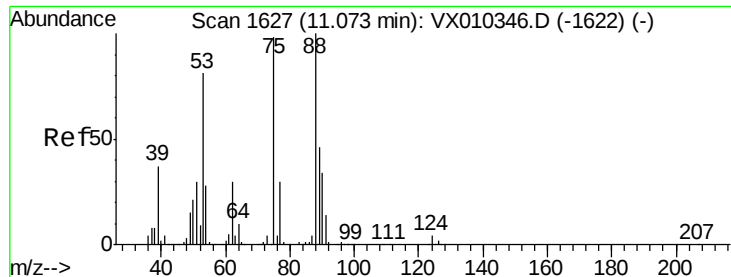
120 49.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.552 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

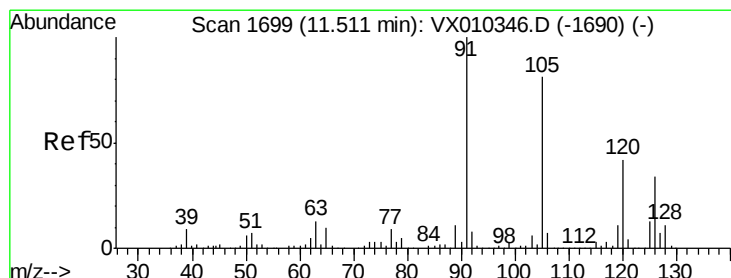
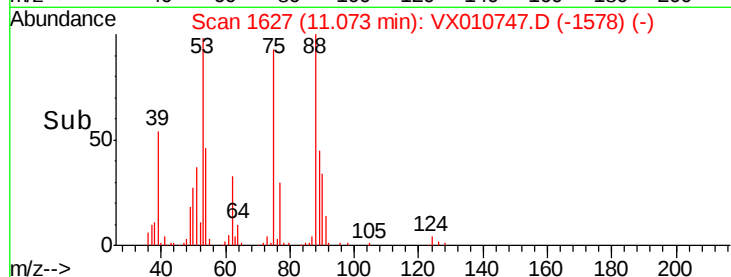
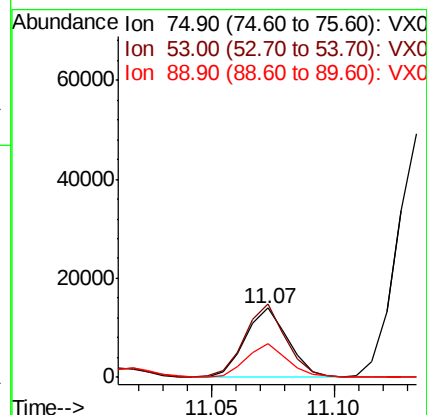
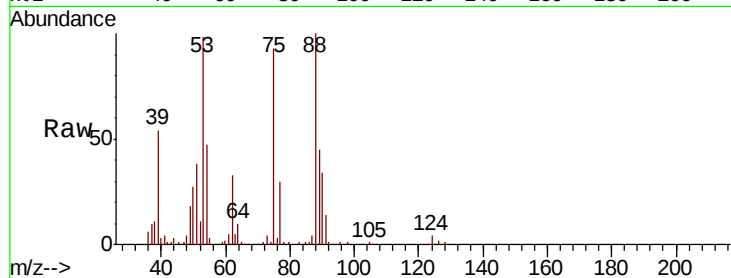
Tot Ion: 75 Resp: 16915

Ion Ratio Lower Upper

75 100

53 102.5 66.1 99.1#

89 46.6 37.8 56.6



#82

4-Chlorotoluene

Concen: 20.382 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010747.D

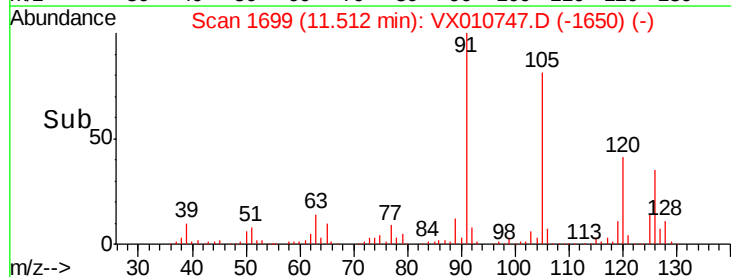
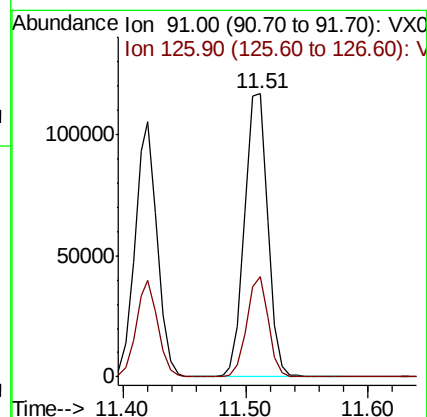
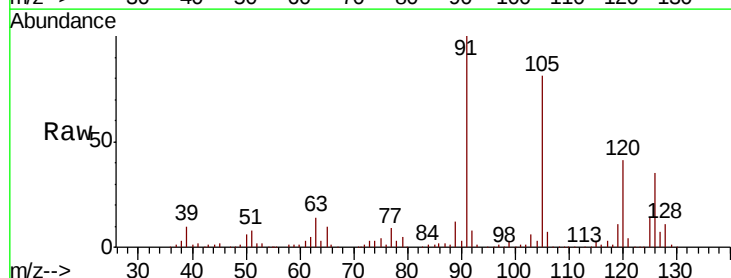
Acq: 09 Jul 2019 13:51

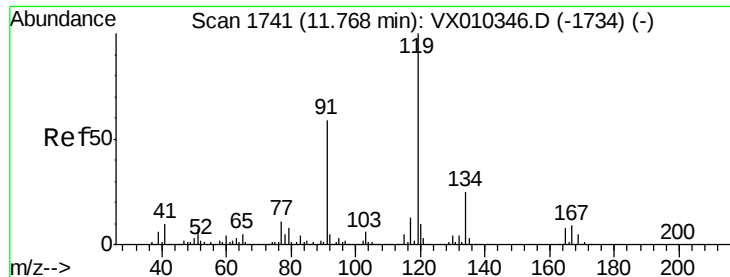
Tgt Ion: 91 Resp: 153111

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6





#83

tert-Butylbenzene

Concen: 19.700 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0709WBSD01

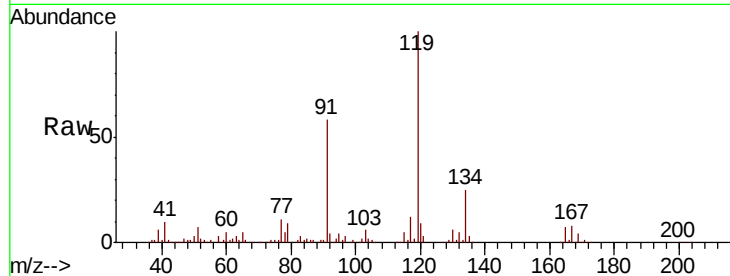
Tot Ion:119 Resp: 164425

Ion Ratio Lower Upper

119 100

91 56.2 27.6 82.7

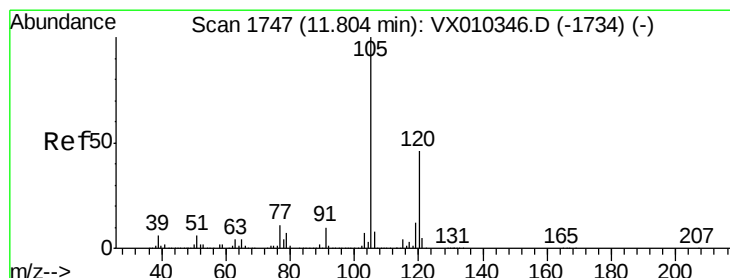
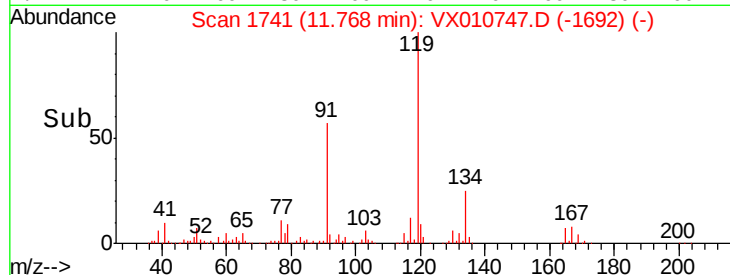
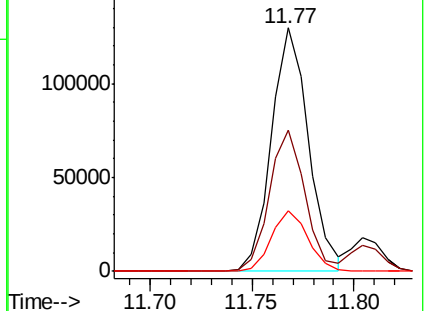
134 24.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.316 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010747.D

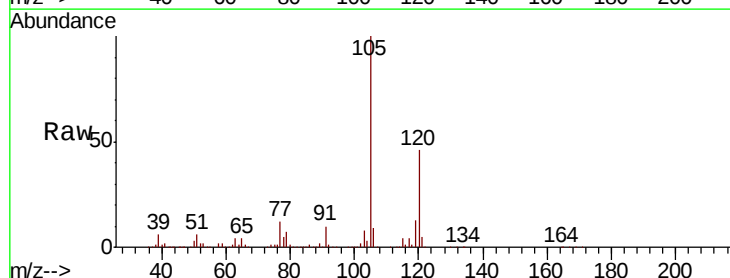
Acq: 09 Jul 2019 13:51

Tgt Ion:105 Resp: 169735

Ion Ratio Lower Upper

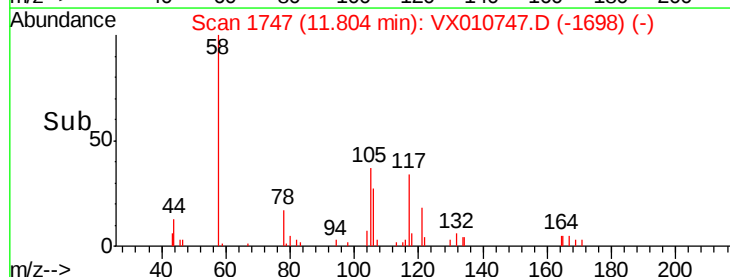
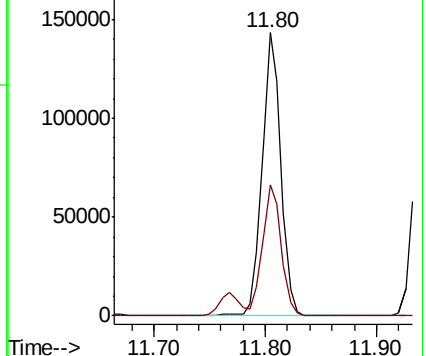
105 100

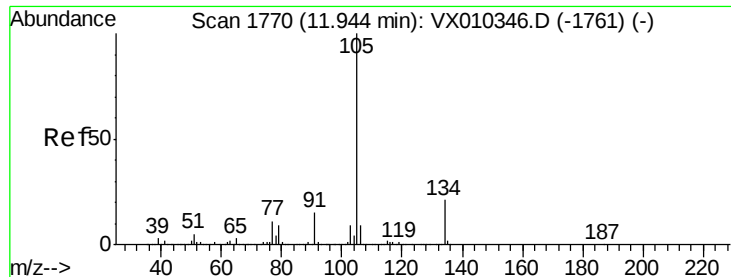
120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.316 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

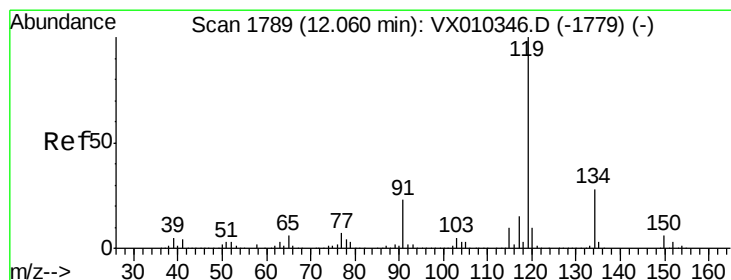
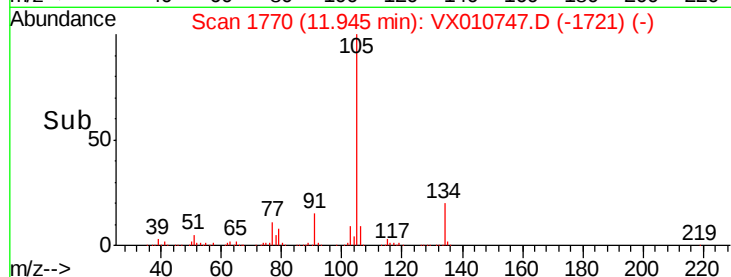
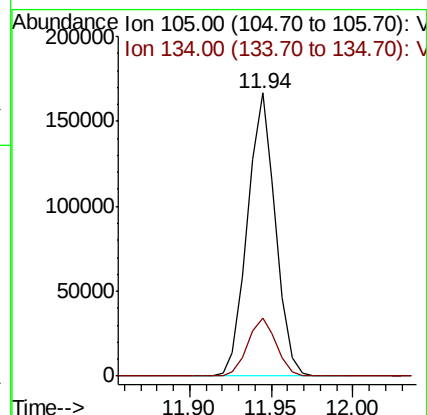
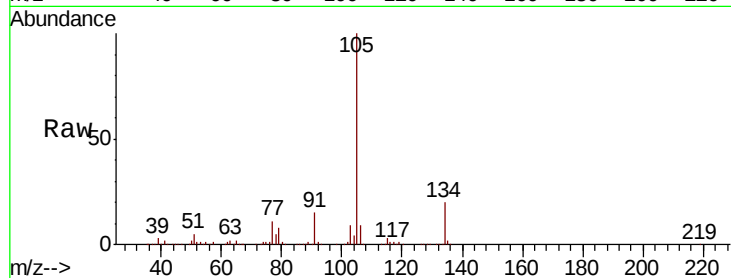
VX0709WBSD01

Tot Ion:105 Resp: 199097

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



#86

p-Isopropyltoluene

Concen: 20.062 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

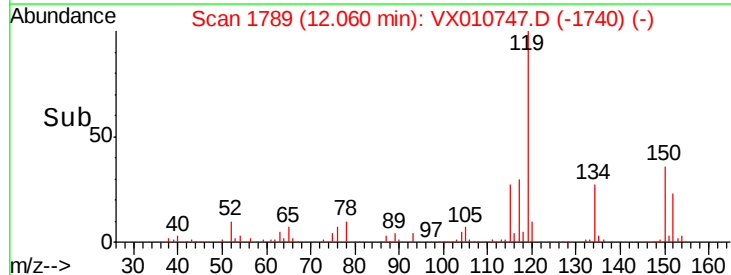
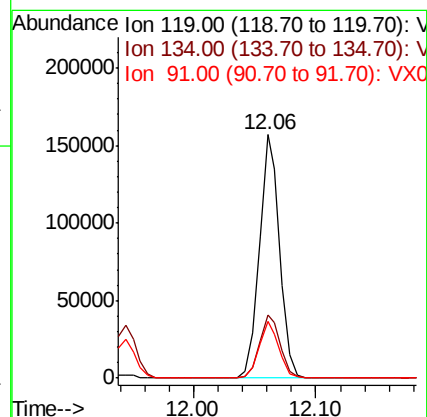
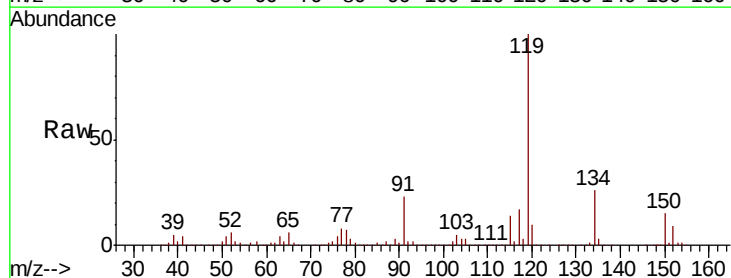
Tgt Ion:119 Resp: 181849

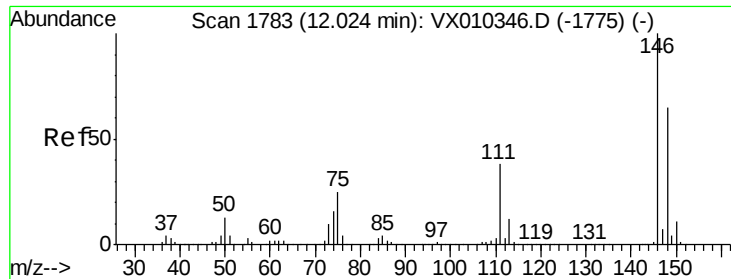
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.393 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

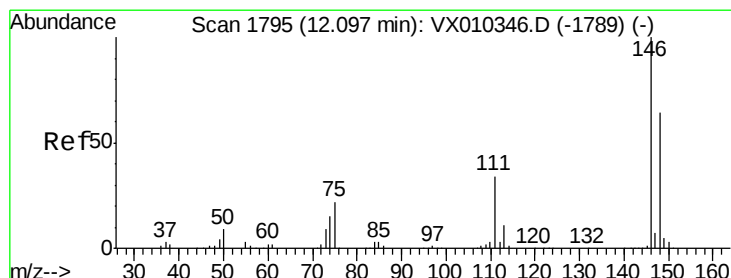
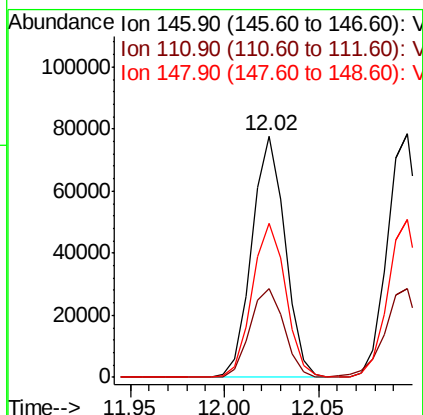
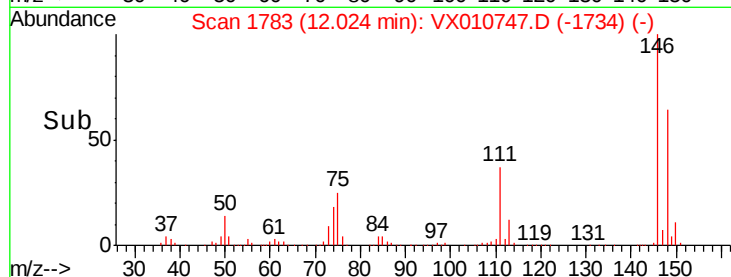
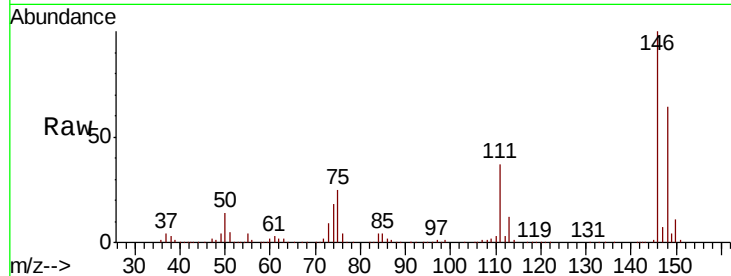
Tot Ion:146 Resp: 95348

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

148 64.5 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 19.523 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

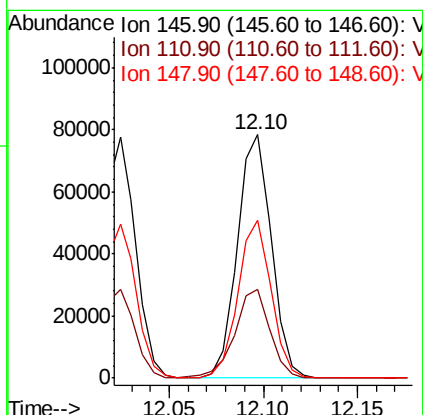
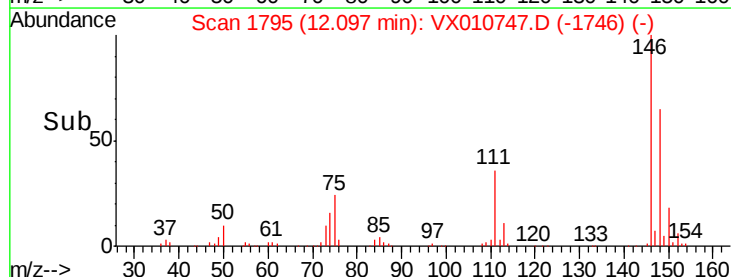
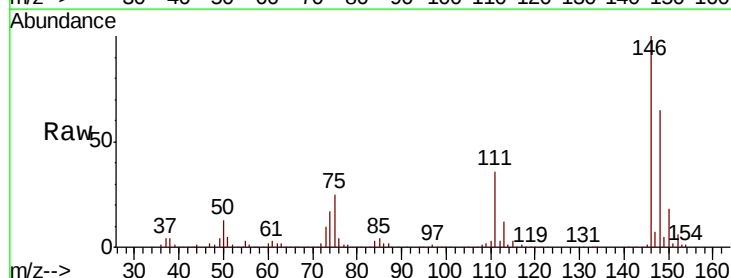
Tgt Ion:146 Resp: 97719

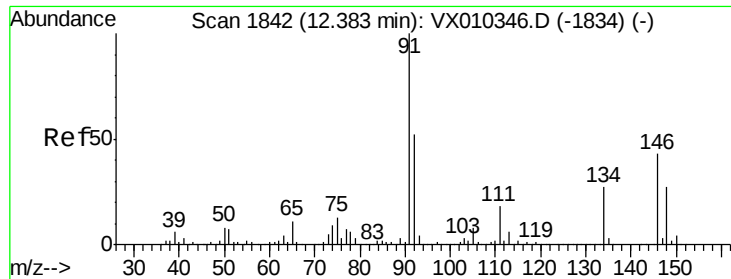
Ion Ratio Lower Upper

146 100

111 38.1 18.1 54.3

148 63.6 32.1 96.3

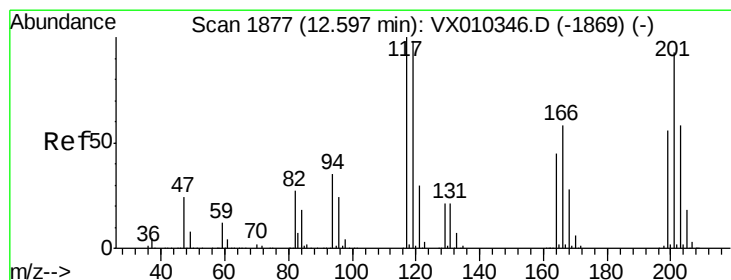
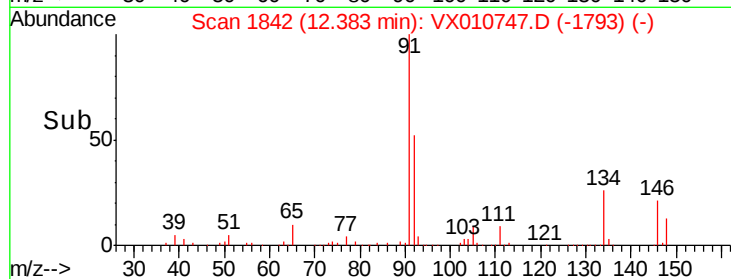
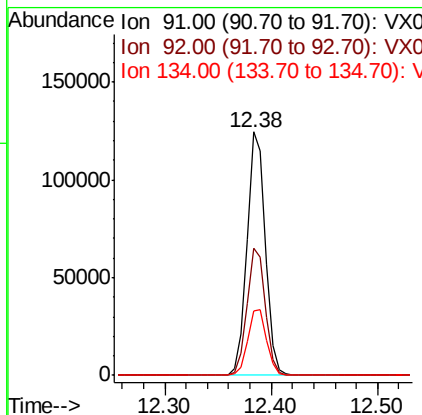
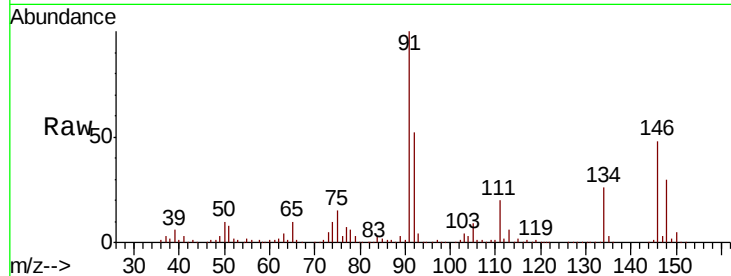




#89
n-Butylbenzene
Concen: 19.475 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

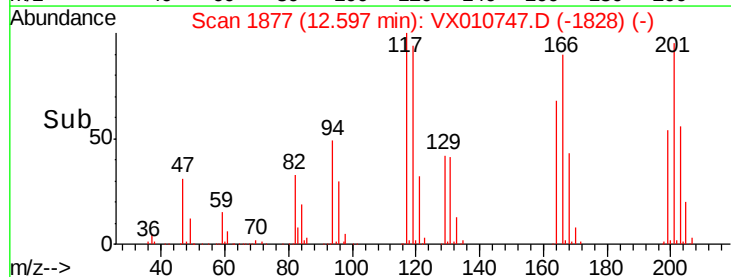
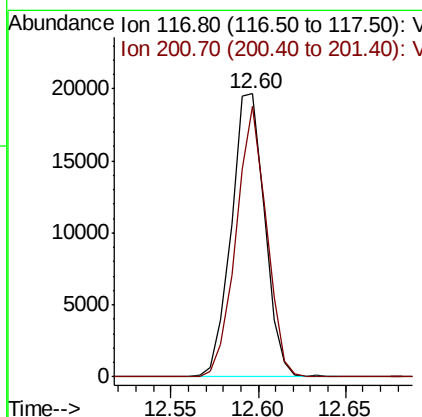
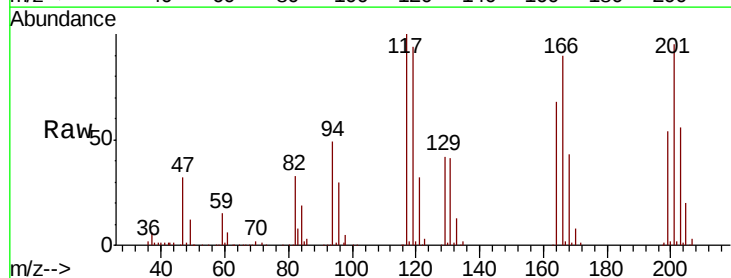
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

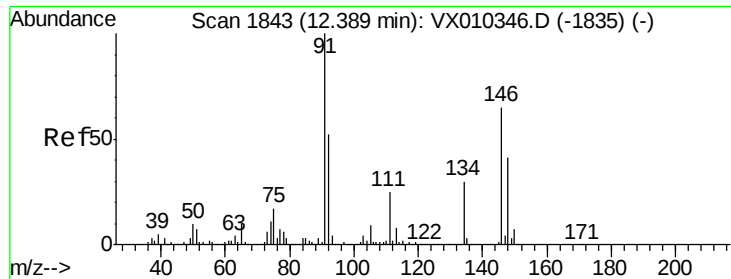
Tot Ion: 91 Resp: 150010
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 16.708 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010747.D
Acq: 09 Jul 2019 13:51

Tgt Ion: 117 Resp: 26188
Ion Ratio Lower Upper
117 100
201 86.9 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 19.887 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

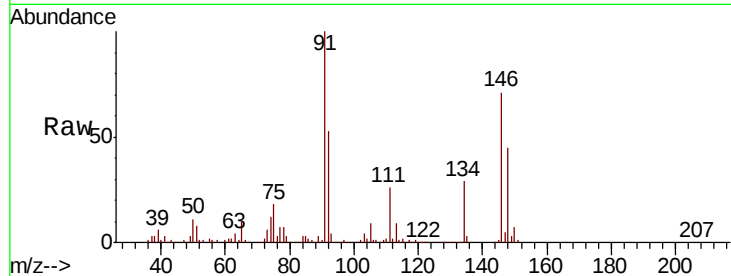
Tot Ion:146 Resp: 97179

Ion Ratio Lower Upper

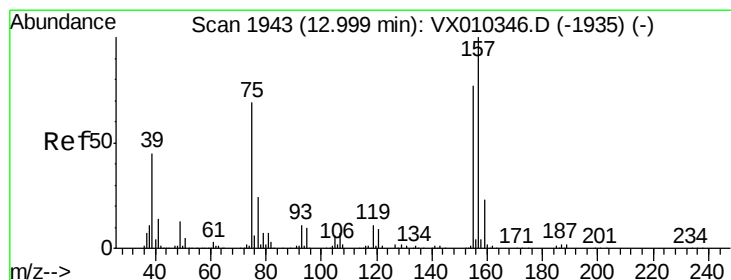
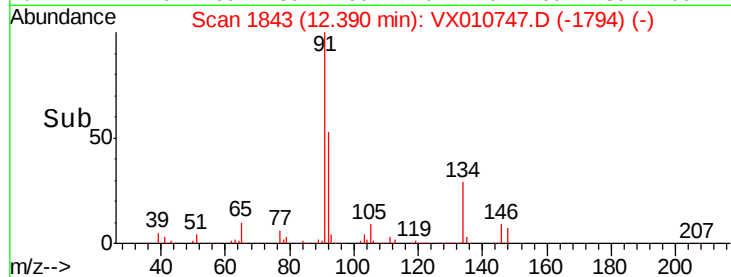
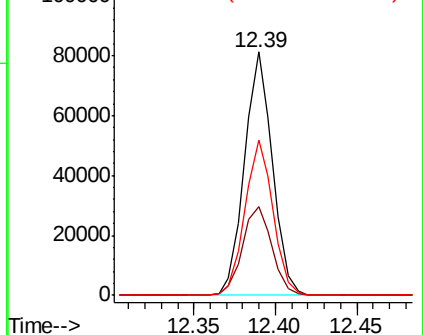
146 100

111 38.5 19.2 57.6

148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.920 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

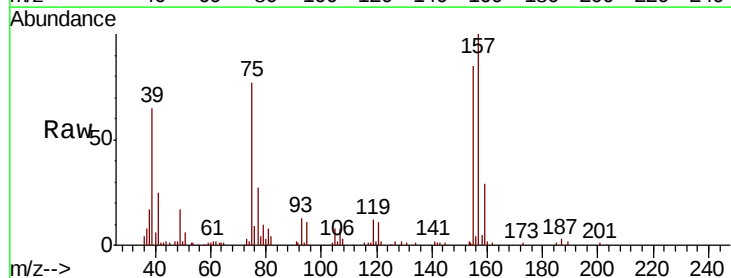
Tgt Ion: 75 Resp: 12907

Ion Ratio Lower Upper

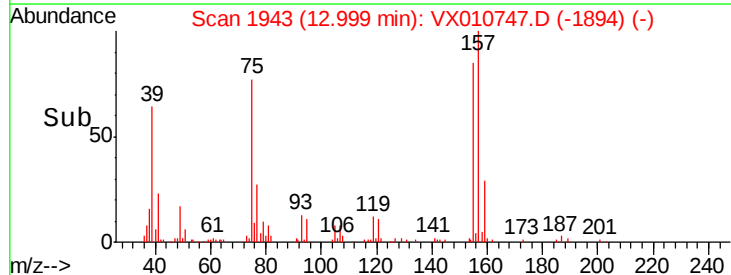
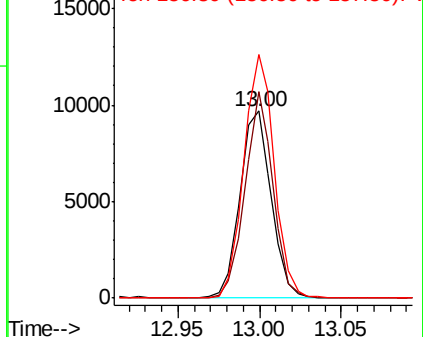
75 100

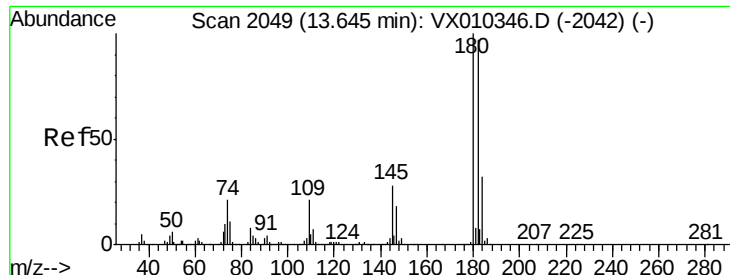
155 98.8 54.4 163.1

157 126.6 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

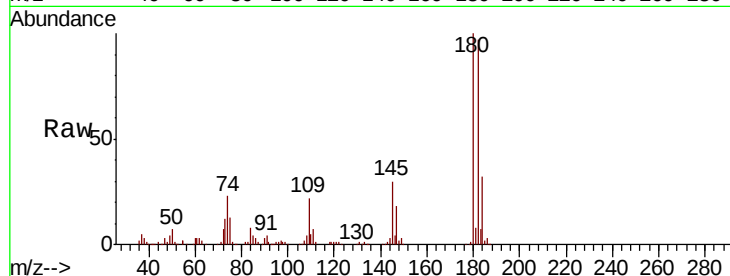




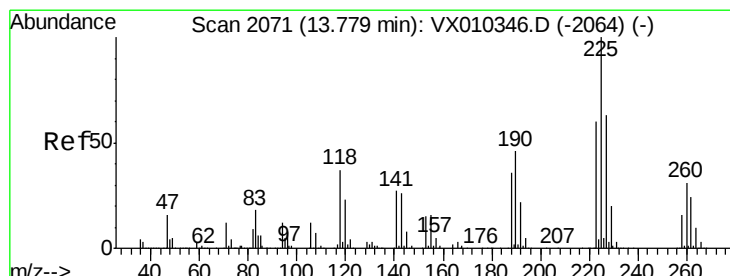
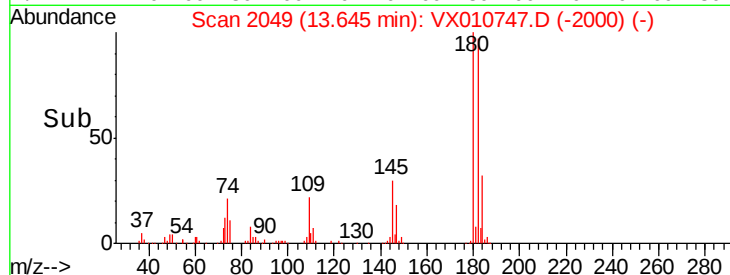
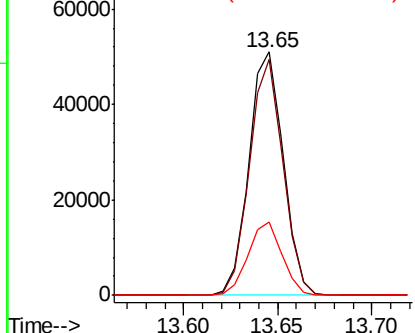
#93
 1,2,4-Trichlorobenzene
 Concen: 18.983 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0709WBSD01

Tot Ion:180 Resp: 64330
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.0 144.0
 145 30.0 14.4 43.4

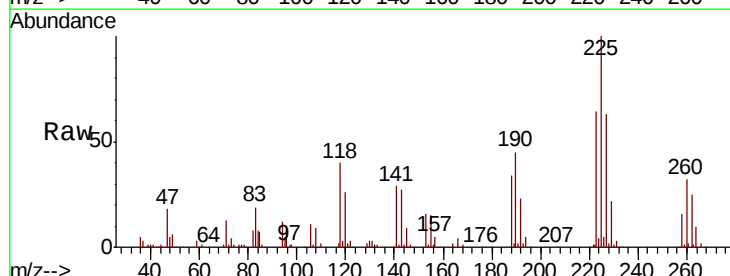


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

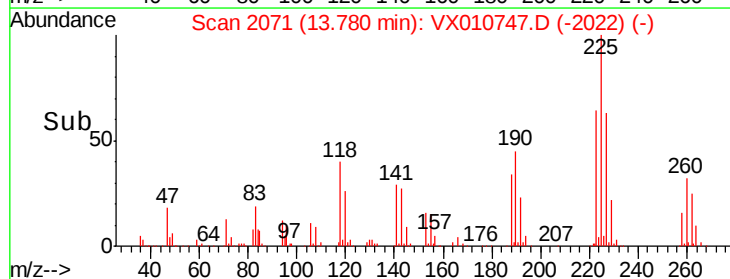
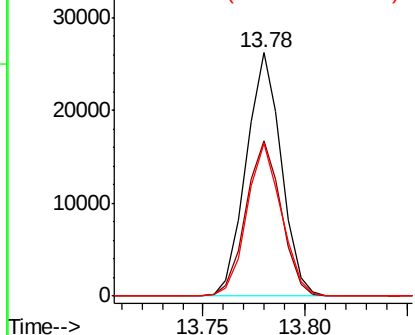


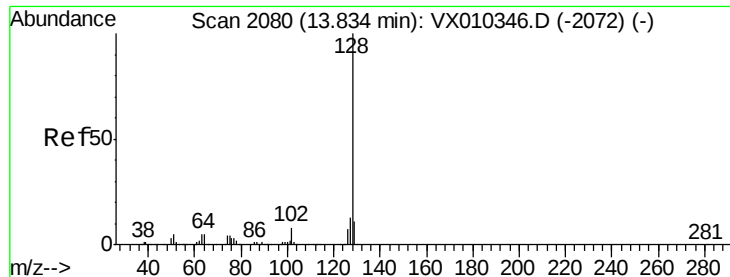
#94
 Hexachlorobutadiene
 Concen: 18.926 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010747.D
 Acq: 09 Jul 2019 13:51

Tgt Ion:225 Resp: 31345
 Ion Ratio Lower Upper
 225 100
 223 64.1 30.9 92.7
 227 61.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.874 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

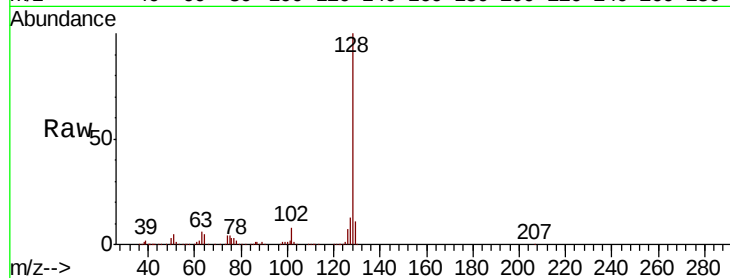
Tot Ion:128 Resp: 196553

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

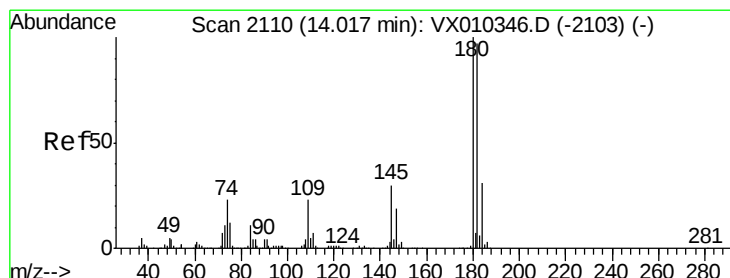
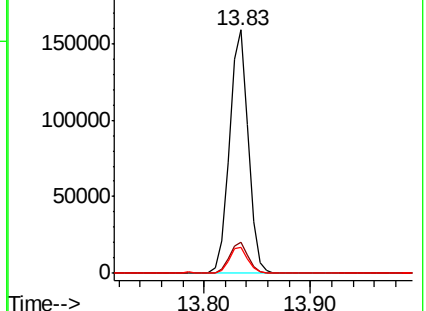
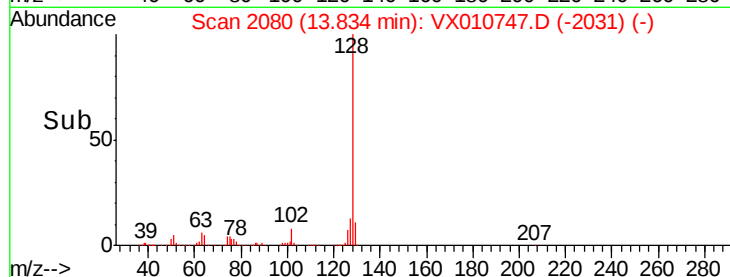
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.591 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010747.D

Acq: 09 Jul 2019 13:51

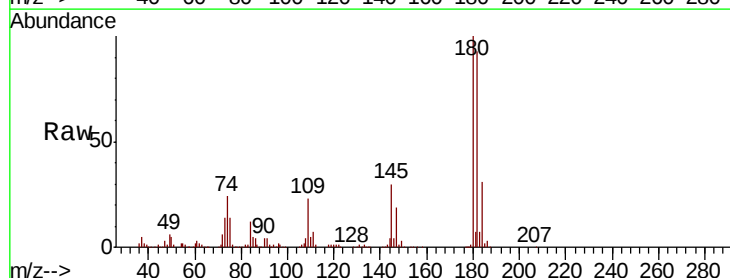
Tgt Ion:180 Resp: 66007

Ion Ratio Lower Upper

180 100

182 93.0 47.8 143.3

145 30.3 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

