

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010800.D
 Acq On : 11 Jul 2019 12:30
 Operator : JC/SP
 Sample : VX0711MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

Quant Time: Jul 12 06:52:00 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	218284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326342	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95291	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.50	113	91474	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.71	98	334900	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	
62) 4-Bromofluorobenzene	11.13	95	121730	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32262	21.259	ug/l	99
3) Chloromethane	1.33	50	35494	20.086	ug/l	100
4) Vinyl Chloride	1.41	62	37855	19.558	ug/l	100
5) Bromomethane	1.64	94	22295	23.644	ug/l	96
6) Chloroethane	1.72	64	25299	22.155	ug/l	97
7) Trichlorofluoromethane	1.93	101	64126	20.900	ug/l	99
8) Diethyl Ether	2.19	74	23563	21.415	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36085	19.407	ug/l	99
10) Methyl Iodide	2.51	142	48355	18.222	ug/l	97
11) Tert butyl alcohol	3.04	59	50210	93.756	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36542	19.314	ug/l	99
13) Acrolein	2.29	56	24145	67.964	ug/l	95
14) Allyl chloride	2.73	41	50917	18.955	ug/l	98
15) Acrylonitrile	3.14	53	107184	101.088	ug/l	99
16) Acetone	2.45	43	90901	88.623	ug/l	97
17) Carbon Disulfide	2.57	76	84769	16.700	ug/l	96
18) Methyl Acetate	2.78	43	43090	21.078	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	116430	19.561	ug/l	99
20) Methylene Chloride	2.86	84	41570	19.693	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	38783	19.059	ug/l	99
22) Diisopropyl ether	3.85	45	111672	19.884	ug/l	96
23) Vinyl Acetate	3.82	43	487035	100.384	ug/l	98
24) 1,1-Dichloroethane	3.70	63	63500	19.561	ug/l	98
25) 2-Butanone	4.67	43	143736	95.532	ug/l	98
26) 2,2-Dichloropropane	4.59	77	47984	17.015	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45168	19.208	ug/l	99
28) Bromochloromethane	5.02	49	27643	17.810	ug/l	94
29) Tetrahydrofuran	5.13	42	91330	97.999	ug/l	100
30) Chloroform	5.21	83	68311	19.557	ug/l	99
31) Cyclohexane	5.58	56	57543	19.465	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	59189	19.191	ug/l	99
36) 1,1-Dichloropropene	5.80	75	48471	18.691	ug/l	99
37) Ethyl Acetate	4.84	43	54724	20.512	ug/l	99
38) Carbon Tetrachloride	5.79	117	49876	17.761	ug/l	98

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 ClientSampleId :
 VX0711MBS01

Quant Time: Jul 12 06:52:00 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	61262	17.972	ug/l	97
40) Benzene	6.14	78	155082	19.195	ug/l	96
41) Methacrylonitrile	5.04	41	28514	19.479	ug/l	97
42) 1,2-Dichloroethane	6.20	62	52067	21.171	ug/l	98
43) Isopropyl Acetate	6.45	43	83328	18.878	ug/l	99
44) Trichloroethene	7.21	130	45499	18.820	ug/l	96
45) 1,2-Dichloropropane	7.51	63	39350	19.287	ug/l	98
46) Dibromomethane	7.66	93	28433	19.424	ug/l	96
47) Bromodichloromethane	7.90	83	48989	18.261	ug/l	97
48) Methyl methacrylate	7.77	41	39086	19.051	ug/l	99
49) 1,4-Dioxane	7.74	88	23413	396.137	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	286031	101.322	ug/l	98
52) Toluene	8.78	92	100122	18.818	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	50064	16.646	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	58055	17.762	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42473	19.356	ug/l	96
56) Ethyl methacrylate	9.18	69	61300	18.441	ug/l	97
57) 1,3-Dichloropropane	9.37	76	67177	19.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	142756	90.427	ug/l	100
59) 2-Hexanone	9.49	43	220665	99.318	ug/l	97
60) Dibromochloromethane	9.58	129	41189	16.765	ug/l	98
61) 1,2-Dibromoethane	9.67	107	44377	18.736	ug/l	100
64) Tetrachloroethene	9.34	164	46067	19.043	ug/l	96
65) Chlorobenzene	10.14	112	113339	18.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39461	17.841	ug/l	98
67) Ethyl Benzene	10.25	91	194569	18.980	ug/l	98
68) m/p-Xylenes	10.36	106	149302	37.588	ug/l	99
69) o-Xylene	10.70	106	72813	18.641	ug/l	99
70) Styrene	10.71	104	121899	18.608	ug/l	99
71) Bromoform	10.85	173	29801	15.494	ug/l #	100
73) Isopropylbenzene	11.02	105	195767	18.834	ug/l	98
74) N-amyl acetate	10.90	43	74399	18.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65648	19.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67142	24.029	ug/l	82
77) Bromobenzene	11.26	156	53121	18.302	ug/l	99
78) n-propylbenzene	11.36	91	212391	18.592	ug/l	99
79) 2-Chlorotoluene	11.42	91	126444	18.587	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160067	18.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16683	13.929	ug/l #	85
82) 4-Chlorotoluene	11.51	91	144866	18.715	ug/l	99
83) tert-Butylbenzene	11.77	119	158630	18.444	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	163119	18.947	ug/l	100
85) sec-Butylbenzene	11.94	105	187898	18.607	ug/l	99
86) p-Isopropyltoluene	12.06	119	172957	18.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92175	18.193	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94037	18.232	ug/l	98
89) n-Butylbenzene	12.38	91	145093	18.280	ug/l	99
90) Hexachloroethane	12.60	117	24687	15.285	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93596	18.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12684	17.090	ug/l	93

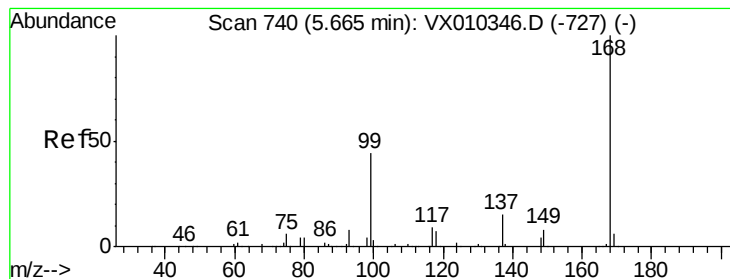
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
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Quant Time: Jul 12 06:52:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61864	17.716	ug/l	99
94) Hexachlorobutadiene	13.78	225	29878	17.507	ug/l	98
95) Naphthalene	13.83	128	188072	17.526	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	63315	18.237	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

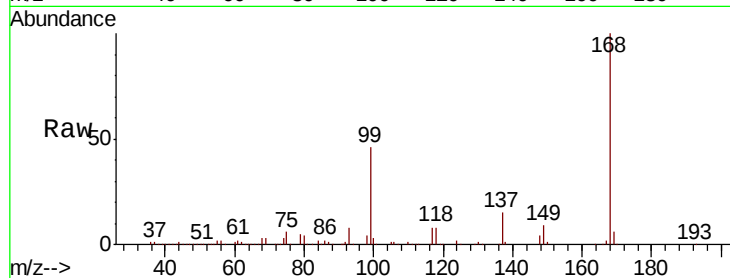
VX0711MBS01

Tot Ion:168 Resp: 218284

Ion Ratio Lower Upper

168 100

99 46.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.66

80000

60000

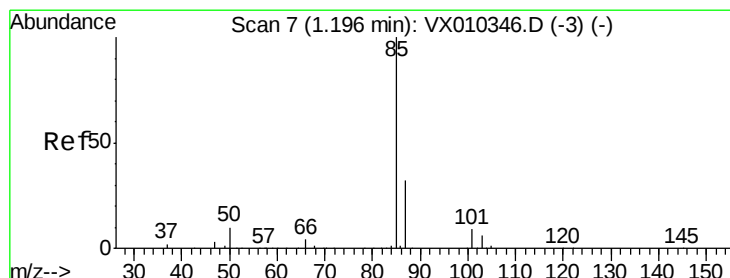
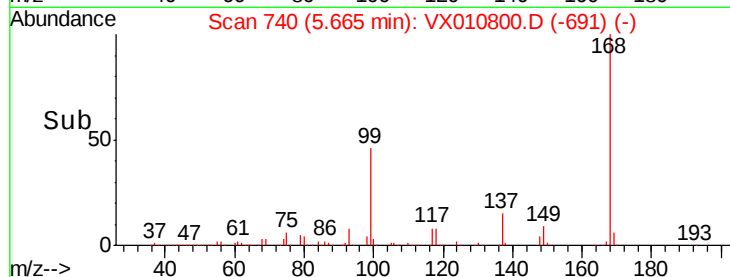
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.259 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010800.D

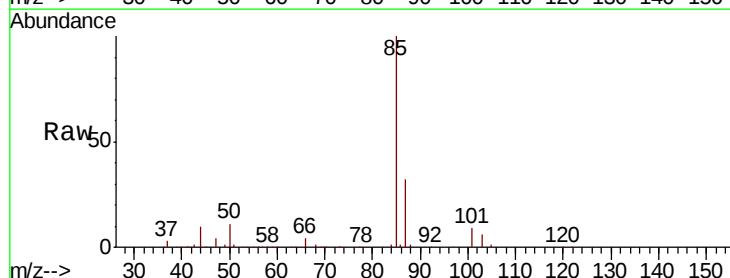
Acq: 11 Jul 2019 12:30

Tgt Ion: 85 Resp: 32262

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX010800.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX010800.D (-1) (-)

1.20

30000

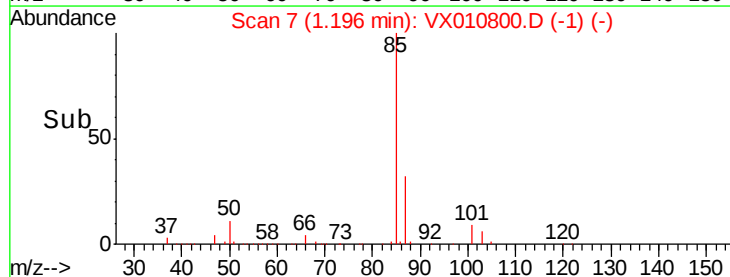
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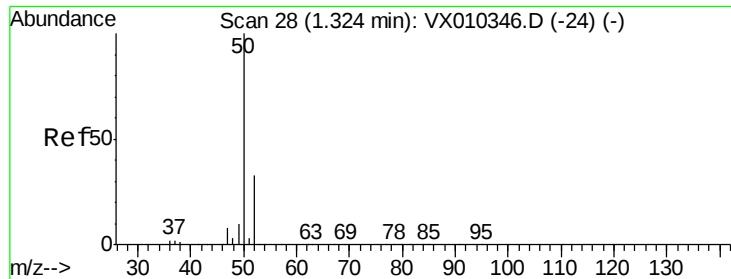
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.086 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

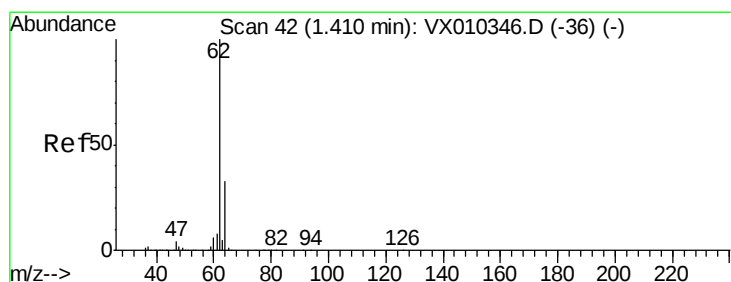
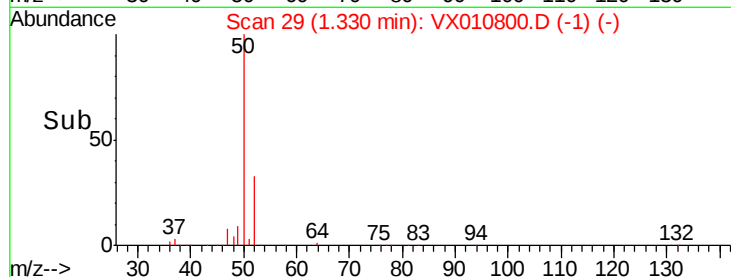
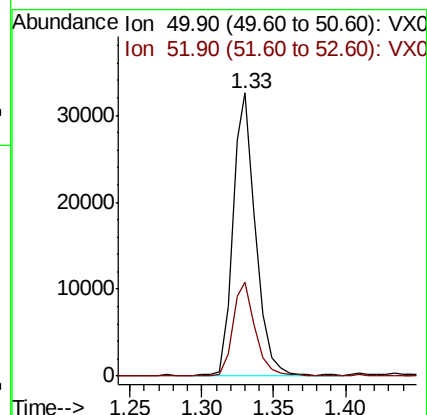
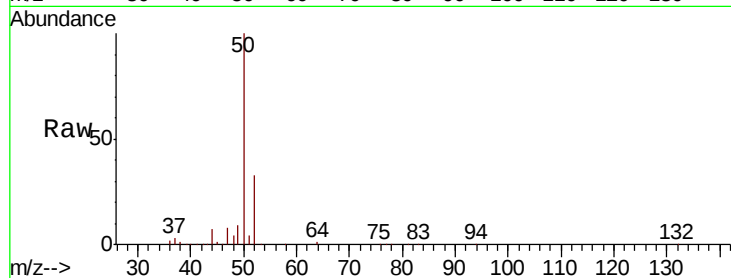
VX0711MBS01

Tot Ion: 50 Resp: 35494

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 19.558 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010800.D

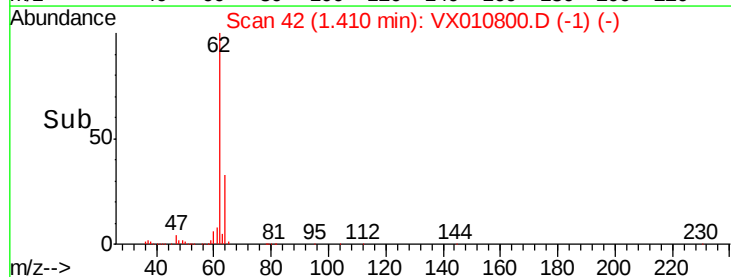
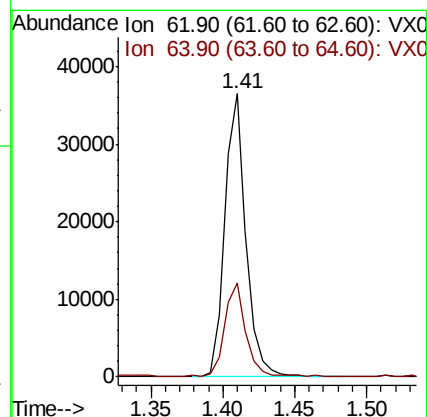
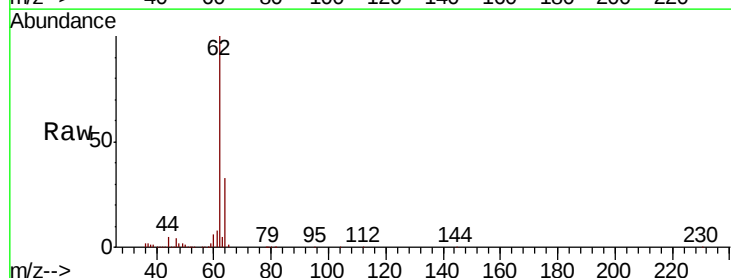
Acq: 11 Jul 2019 12:30

Tgt Ion: 62 Resp: 37855

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4





#5

Bromomethane

Concen: 23.644 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

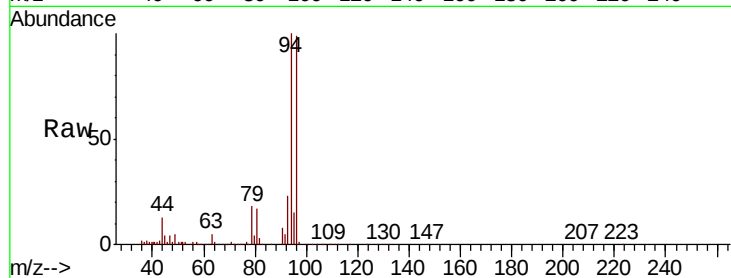
VX0711MBS01

Tot Ion: 94 Resp: 22295

Ion Ratio Lower Upper

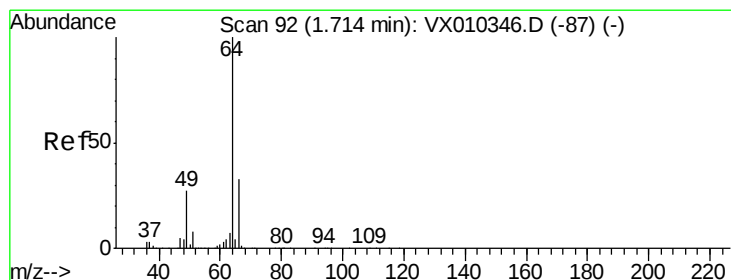
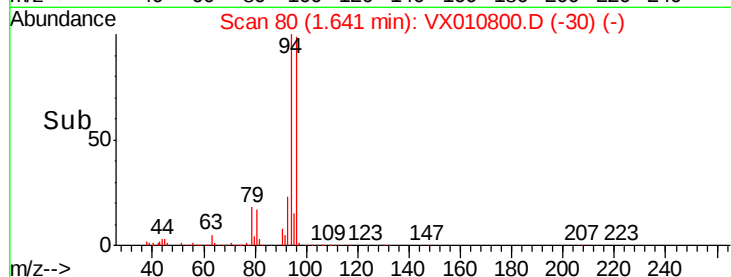
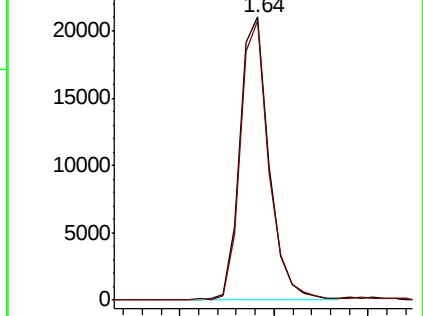
94 100

96 98.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.155 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010800.D

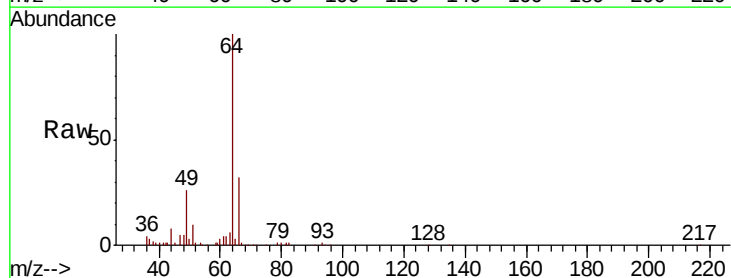
Acq: 11 Jul 2019 12:30

Tgt Ion: 64 Resp: 25299

Ion Ratio Lower Upper

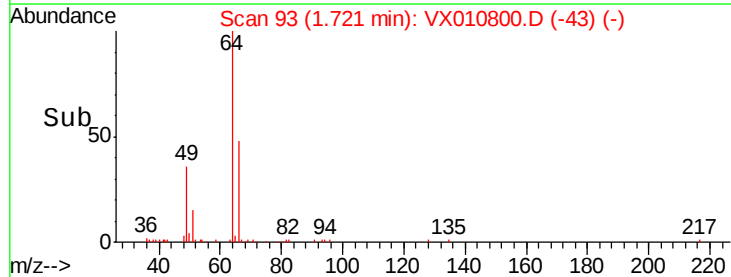
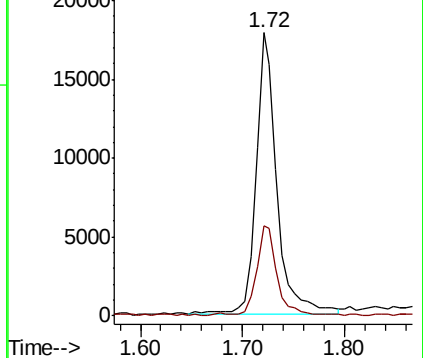
64 100

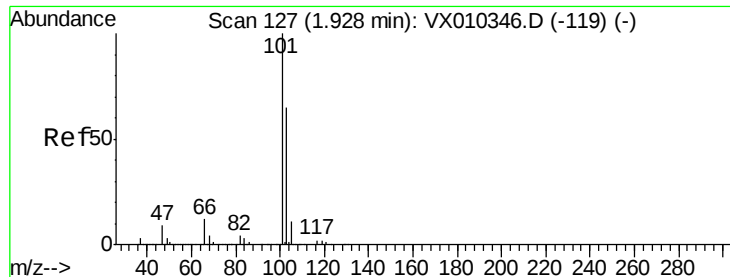
66 31.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



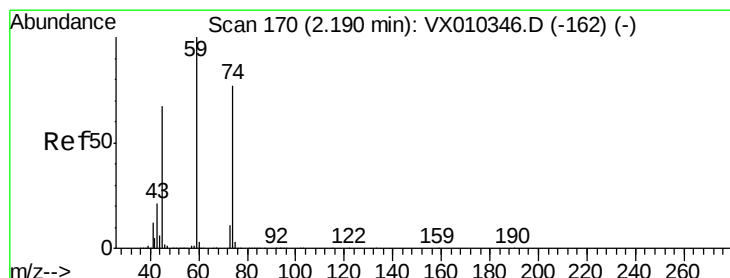
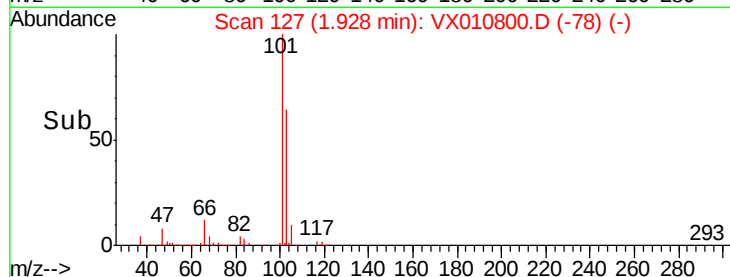
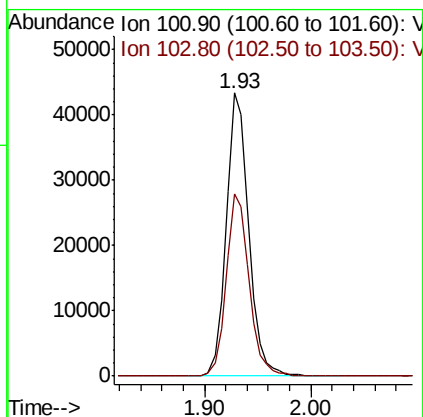
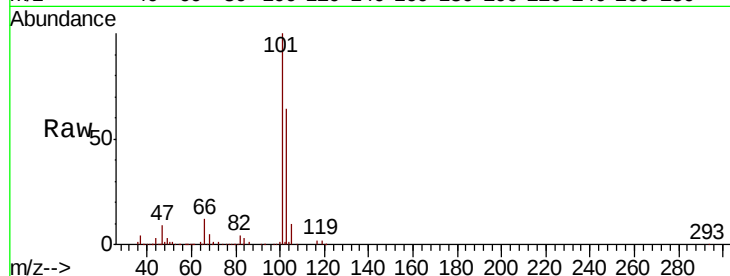


#7

Trichlorofluoromethane
 Concen: 20.900 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

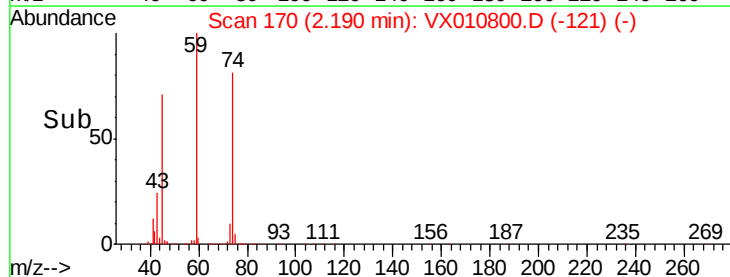
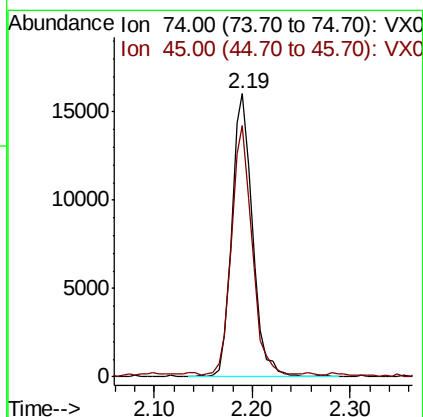
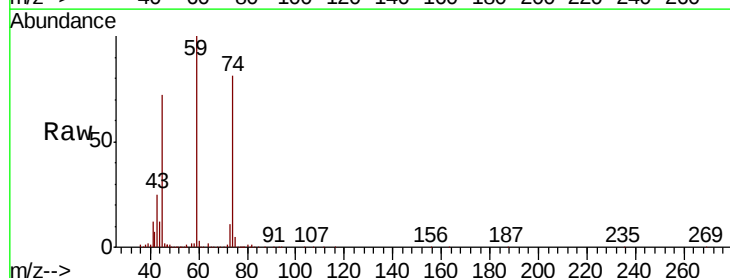
Tot Ion:101 Resp: 64126
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



#8

Diethyl Ether
 Concen: 21.415 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion: 74 Resp: 23563
 Ion Ratio Lower Upper
 74 100
 45 87.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.407 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

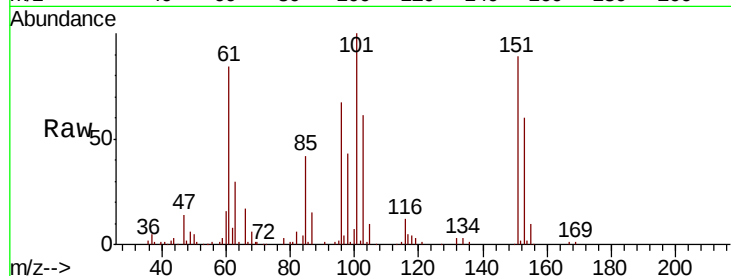
Tot Ion:101 Resp: 36085

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

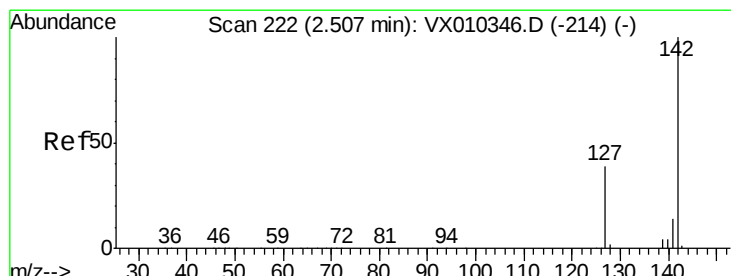
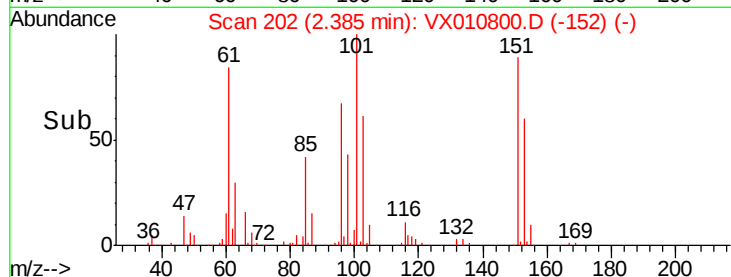
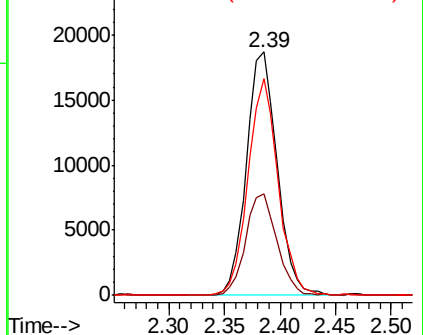
151 86.8 70.1 105.1



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: 18.222 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

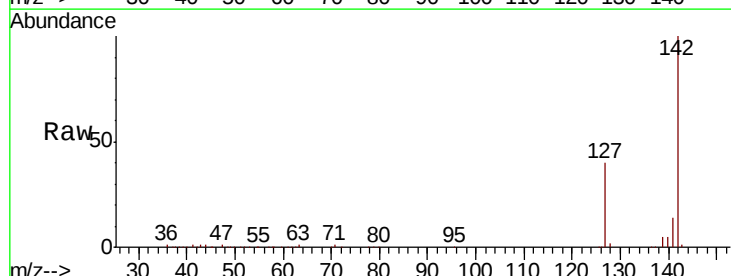
Tgt Ion:142 Resp: 48355

Ion Ratio Lower Upper

142 100

127 40.9 31.1 46.7

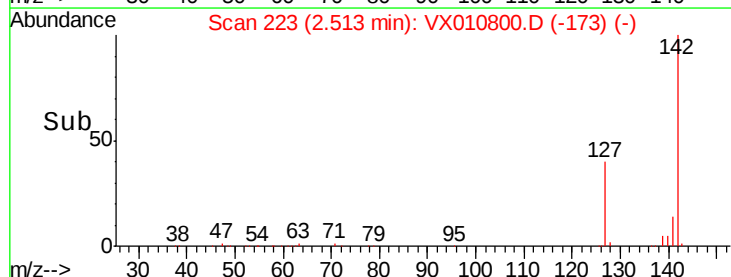
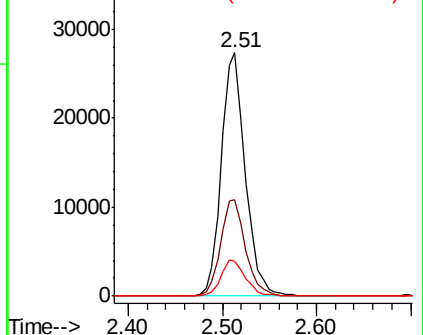
141 15.1 11.2 16.8



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



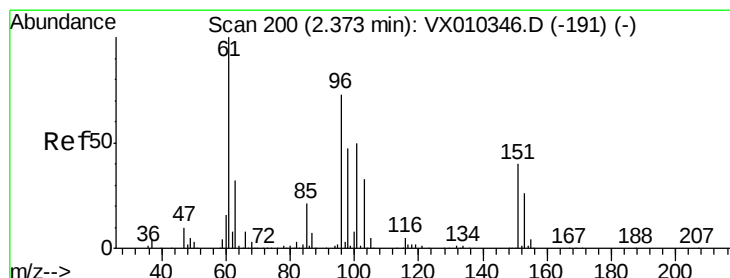
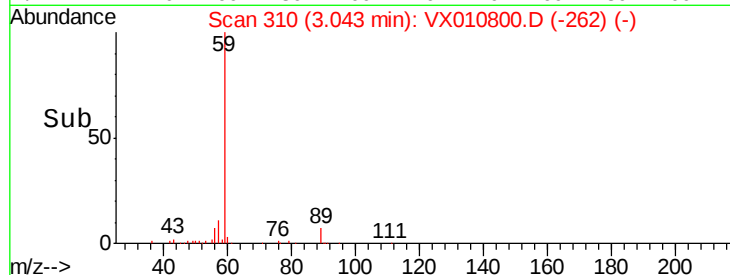
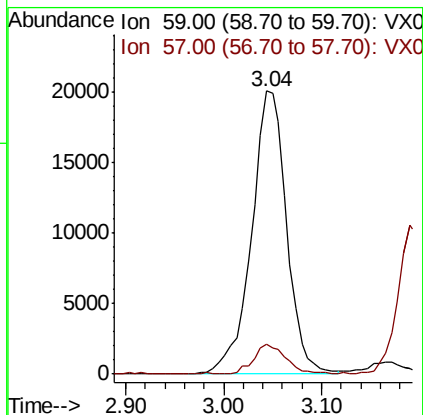
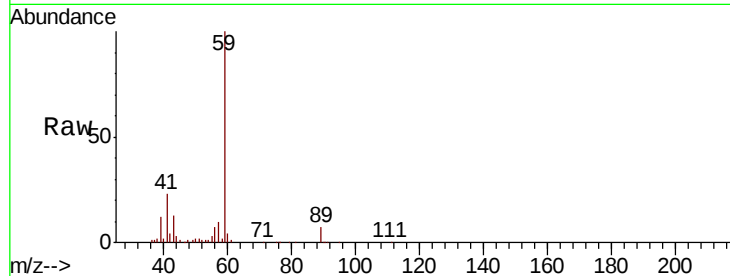


#11

Tert butyl alcohol
 Concen: 93.756 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

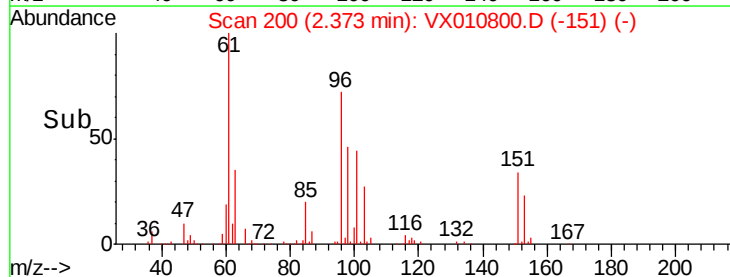
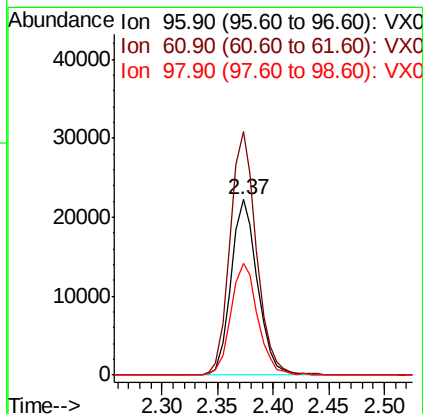
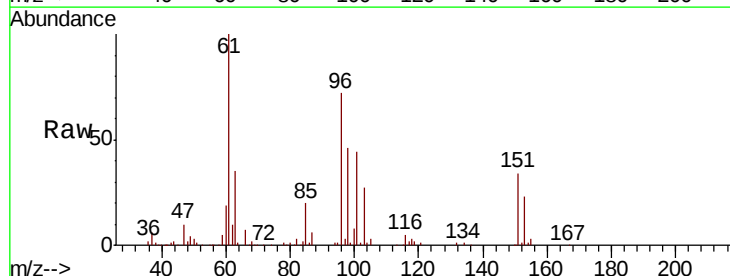
Tot Ion: 59 Resp: 50210
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 19.314 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion: 96 Resp: 36542
 Ion Ratio Lower Upper
 96 100
 61 138.7 109.2 163.8
 98 63.9 51.1 76.7





#13

Acrolein

Concen: 67.964 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

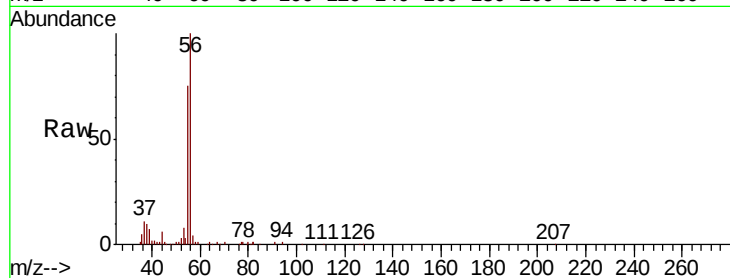
VX0711MBS01

Tot Ion: 56 Resp: 24145

Ion Ratio Lower Upper

56 100

55 75.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

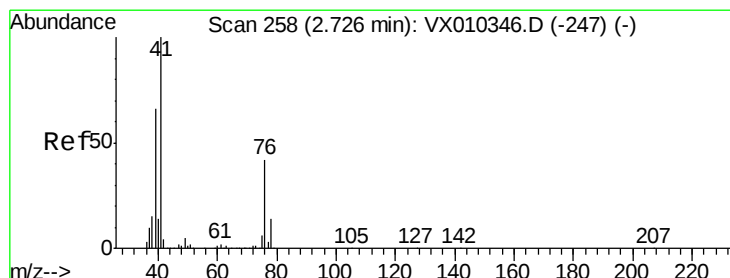
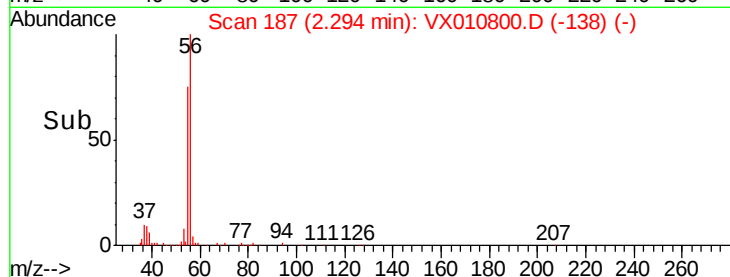
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.955 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

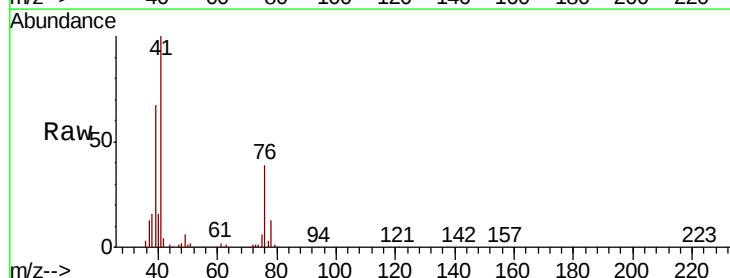
Tgt Ion: 41 Resp: 50917

Ion Ratio Lower Upper

41 100

39 65.4 50.3 75.5

76 38.6 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

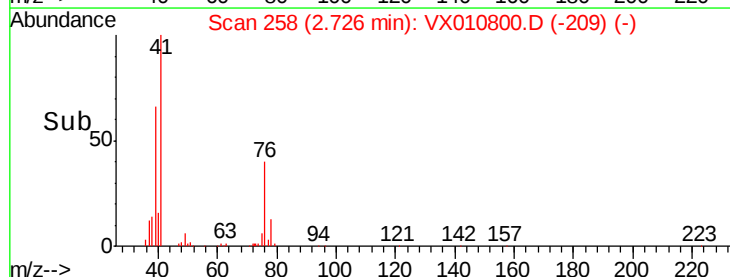
30000

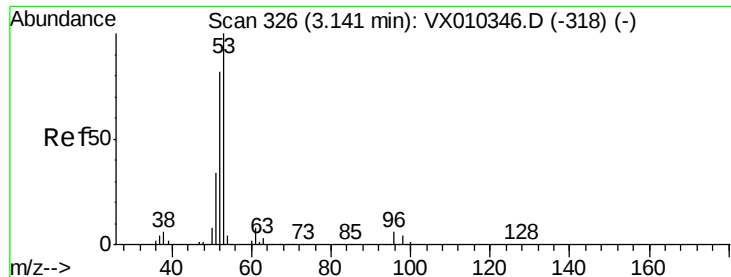
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 101.088 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

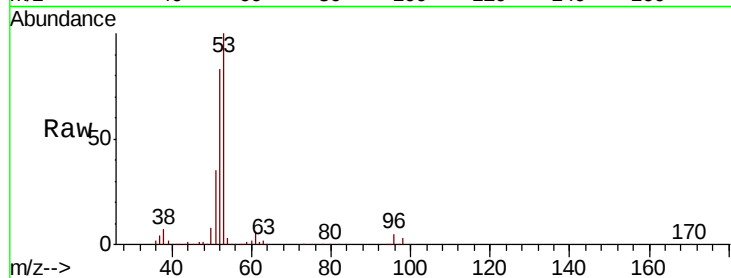
Tot Ion: 53 Resp: 107184

Ion Ratio Lower Upper

53 100

52 83.3 65.5 98.3

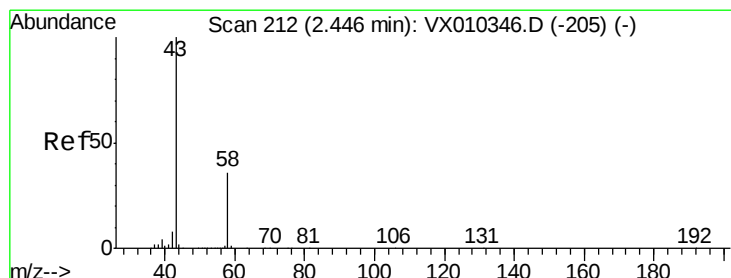
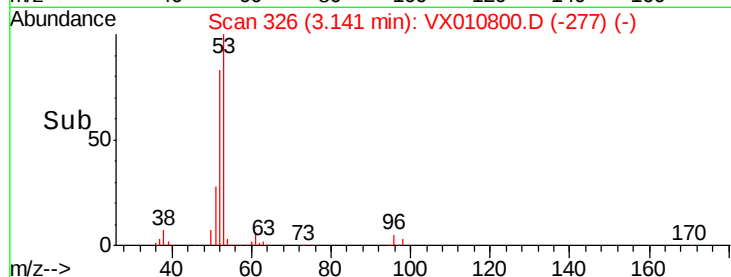
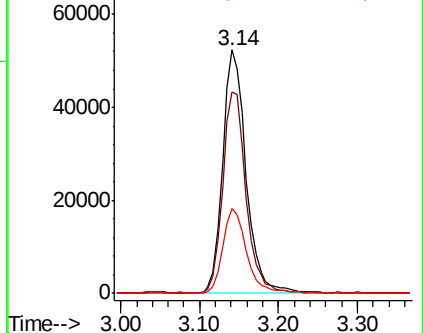
51 35.9 28.2 42.4



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: 88.623 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010800.D

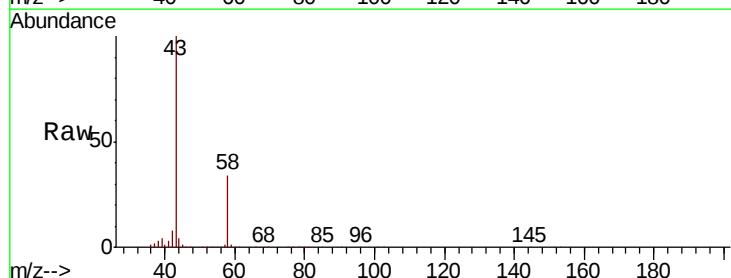
Acq: 11 Jul 2019 12:30

Tgt Ion: 43 Resp: 90901

Ion Ratio Lower Upper

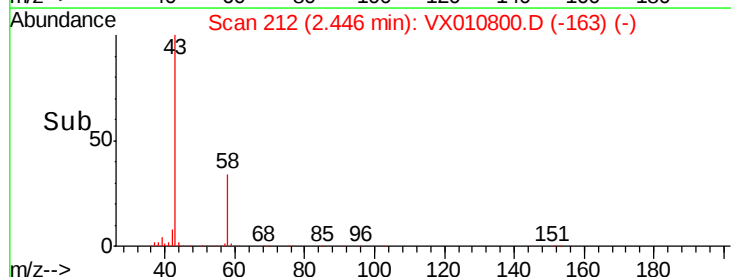
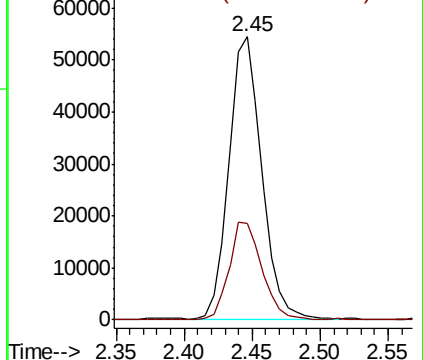
43 100

58 34.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

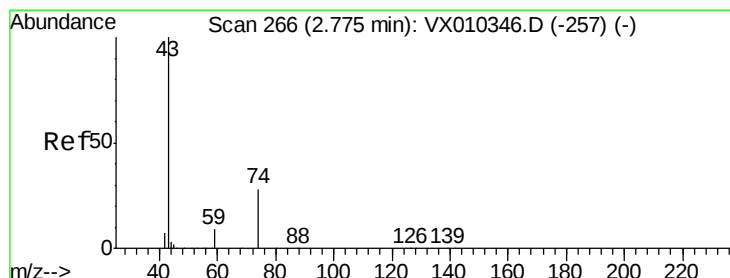
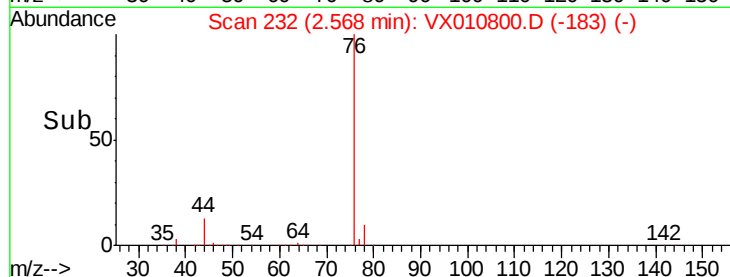
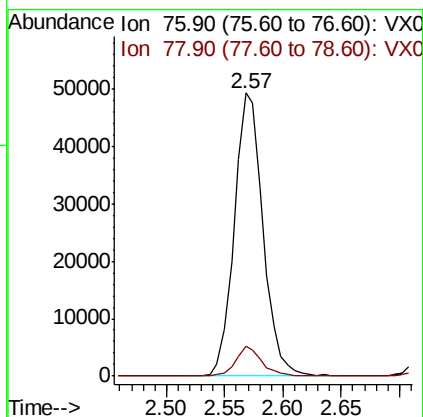
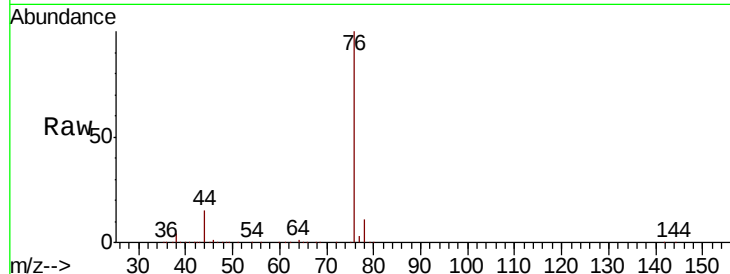




#17
Carbon Disulfide
Concen: 16.700 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

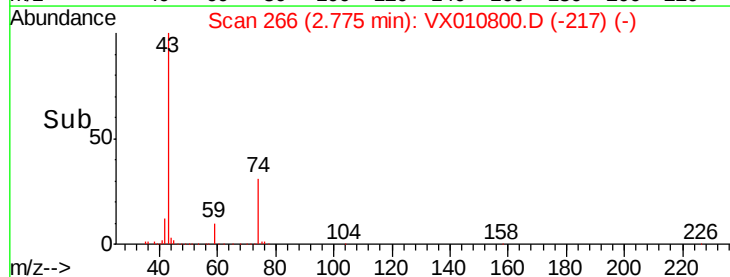
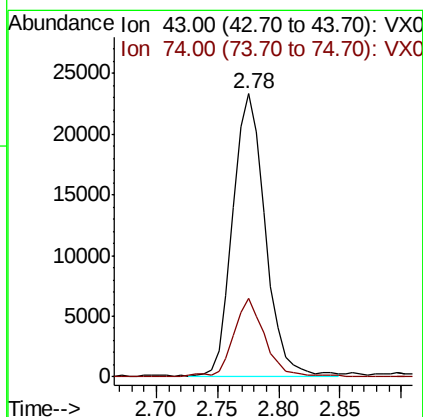
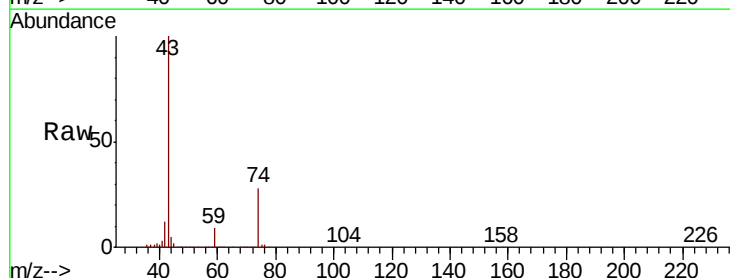
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

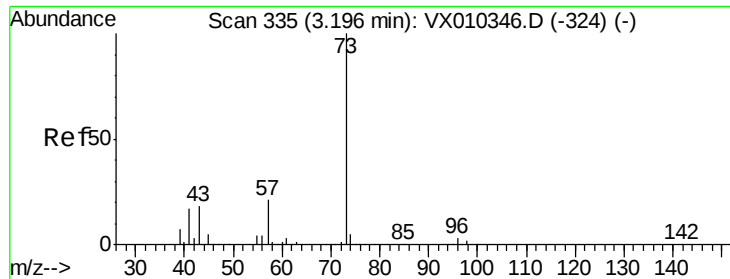
Tot Ion: 76 Resp: 84769
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#18
Methyl Acetate
Concen: 21.078 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 43 Resp: 43090
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9

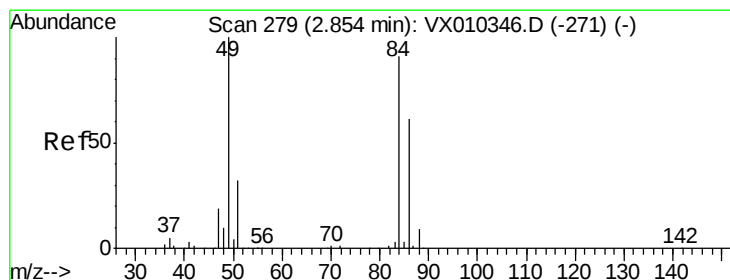
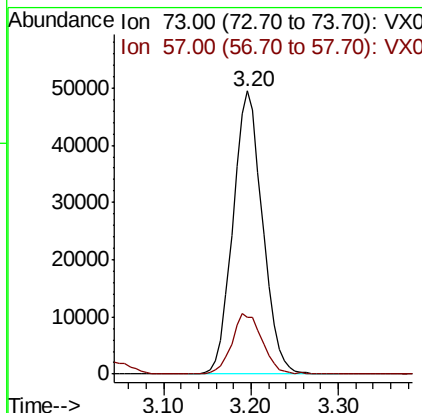
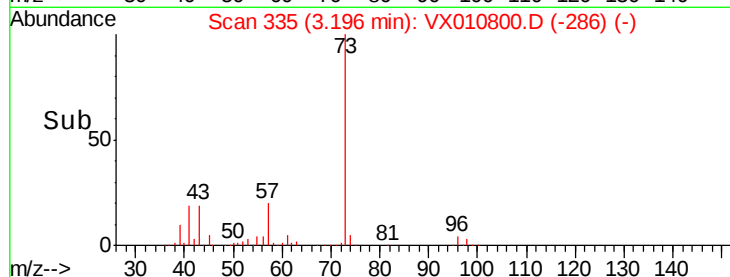
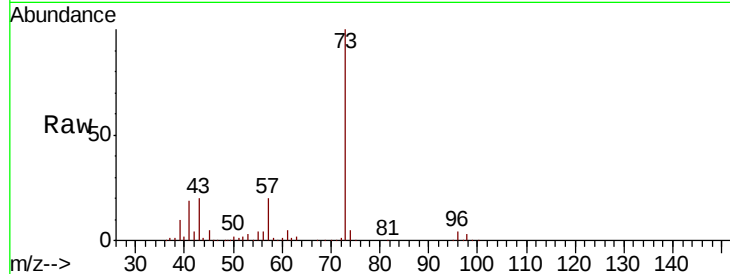




#19
Methyl tert-butyl Ether
Concen: 19.561 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

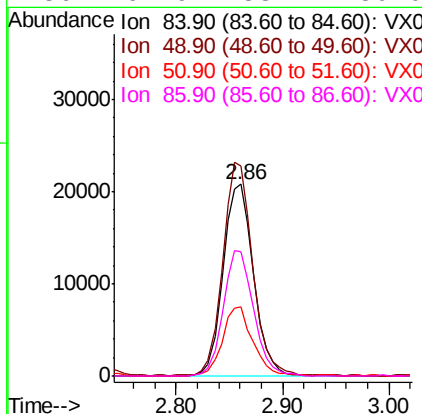
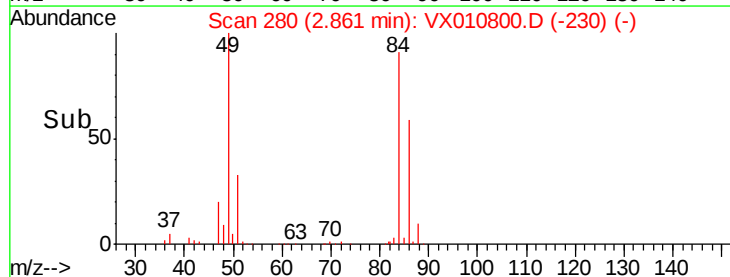
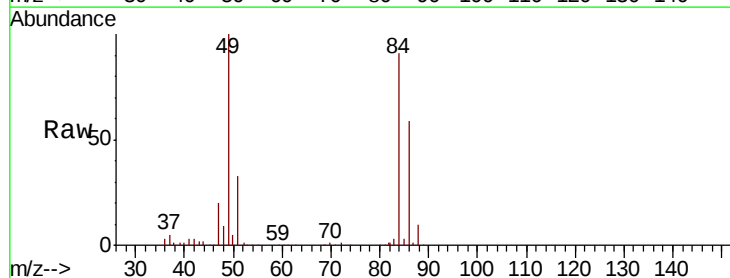
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

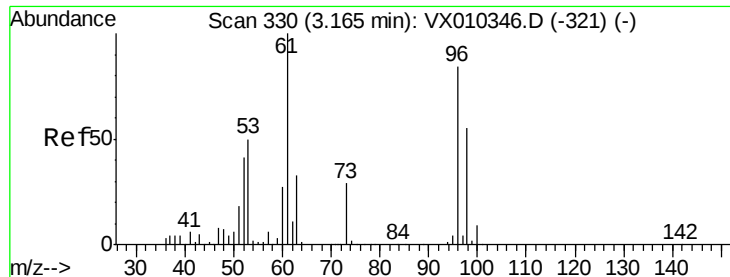
Tot Ion: 73 Resp: 116430
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6



#20
Methylene Chloride
Concen: 19.693 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 84 Resp: 41570
Ion Ratio Lower Upper
84 100
49 109.2 87.5 131.3
51 36.2 27.7 41.5
86 64.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.059 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

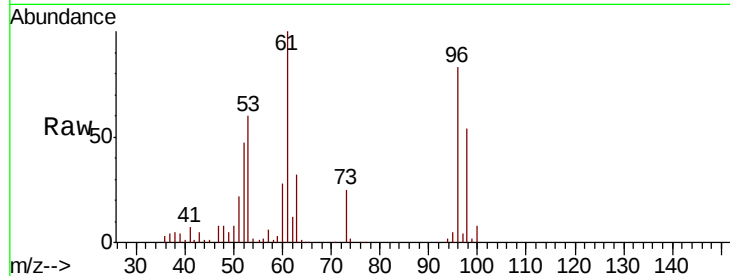
Tot Ion: 96 Resp: 38783

Ion Ratio Lower Upper

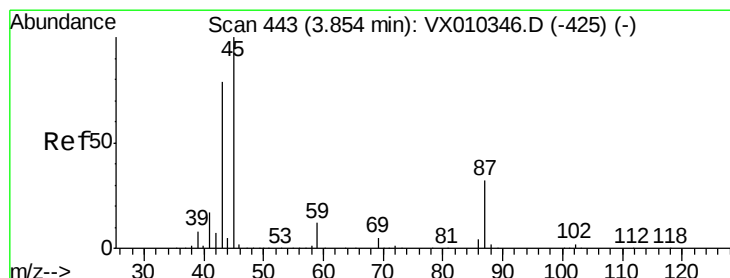
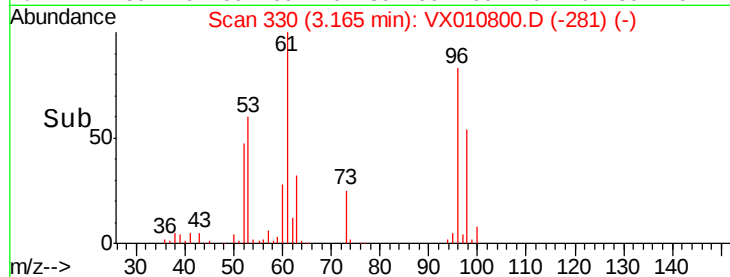
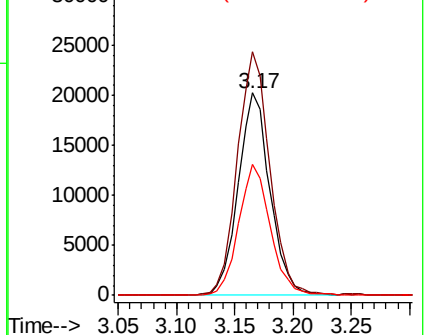
96 100

61 120.3 95.6 143.4

98 64.6 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: 19.884 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Tgt Ion: 45 Resp: 111672

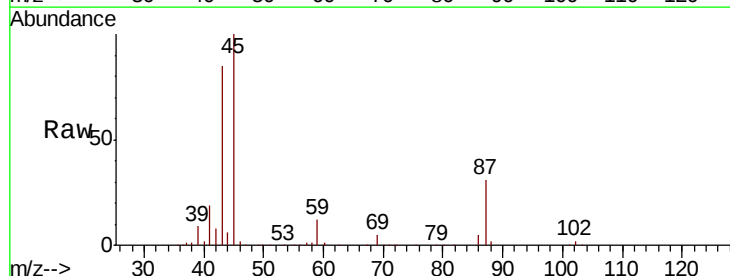
Ion Ratio Lower Upper

45 100

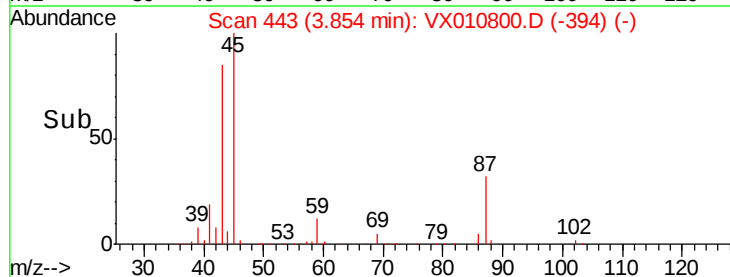
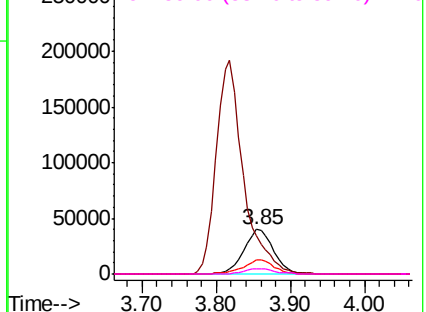
43 84.3 63.3 94.9

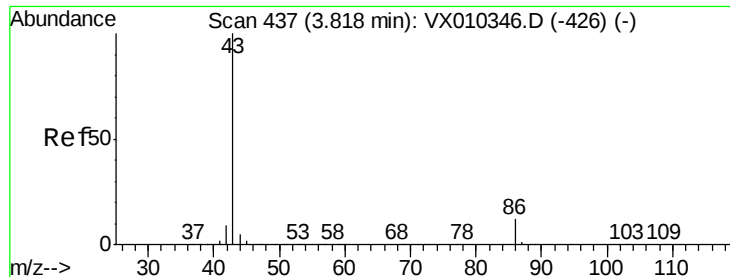
87 31.4 25.8 38.8

59 12.3 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: 100.384 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

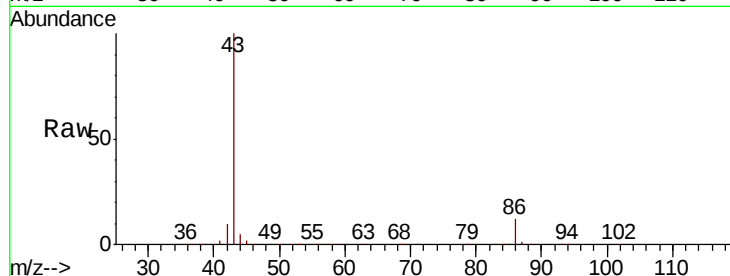
VX0711MBS01

Tot Ion: 43 Resp: 487035

Ion Ratio Lower Upper

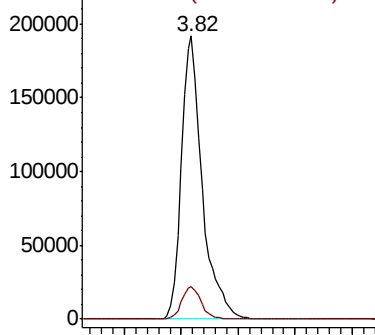
43 100

86 11.7 9.9 14.9

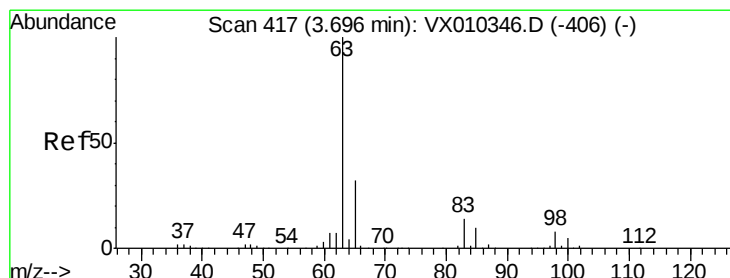
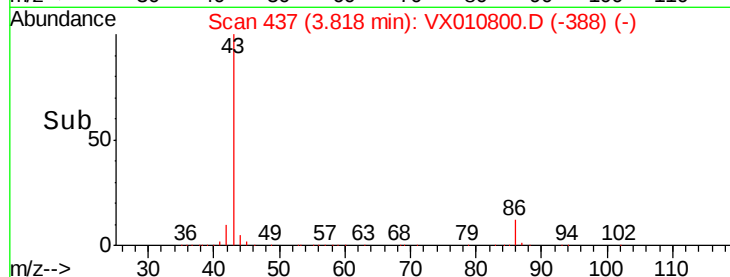


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.561 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

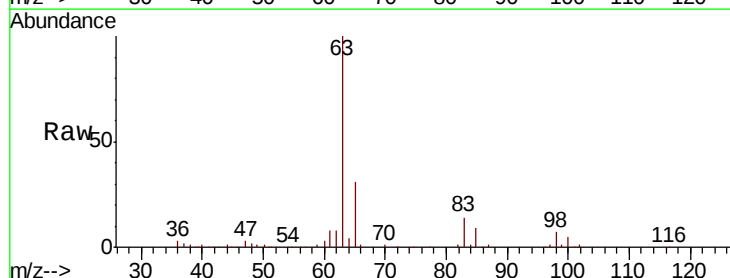
Tgt Ion: 63 Resp: 63500

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

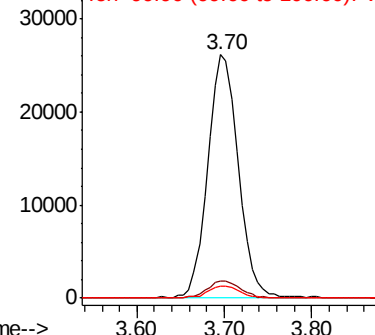
100 5.0 2.4 7.1



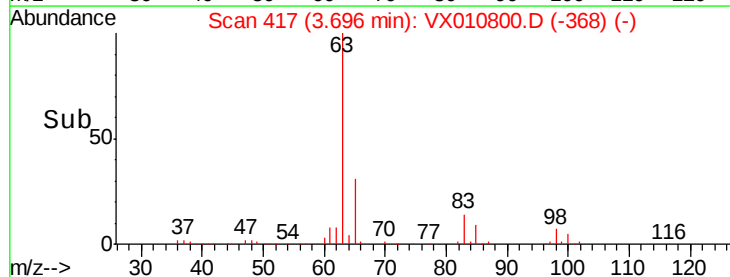
Abundance Ion 62.90 (62.60 to 63.60): VX0

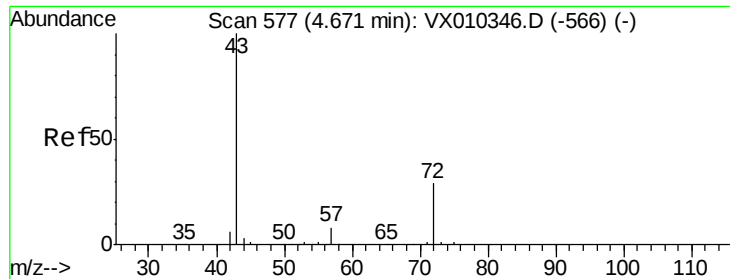
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 95.532 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

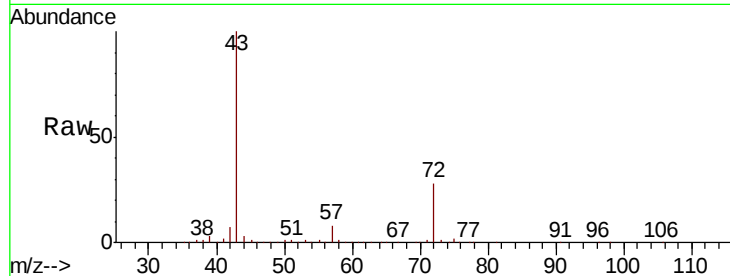
VX0711MBS01

Tot Ion: 43 Resp: 143736

Ion Ratio Lower Upper

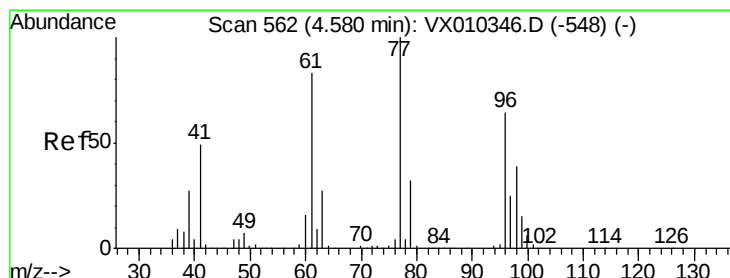
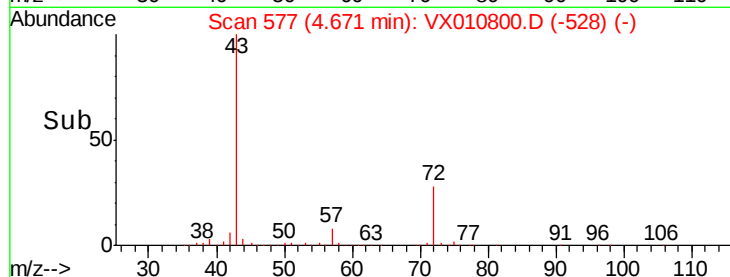
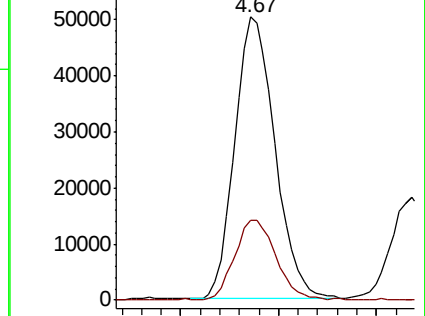
43 100

72 27.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.015 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010800.D

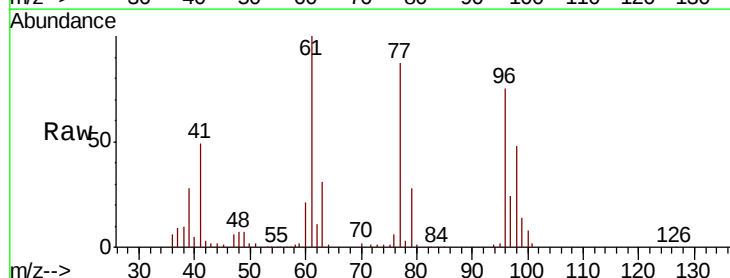
Acq: 11 Jul 2019 12:30

Tgt Ion: 77 Resp: 47984

Ion Ratio Lower Upper

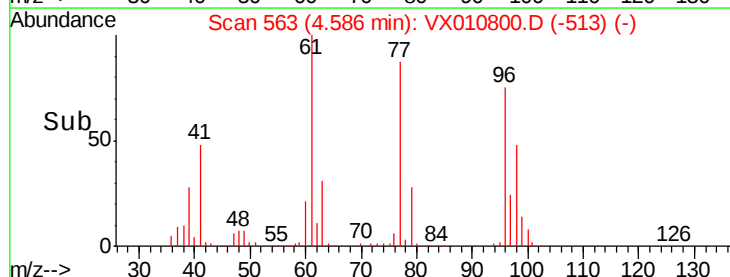
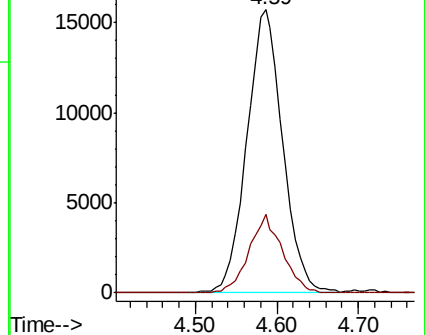
77 100

97 25.7 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



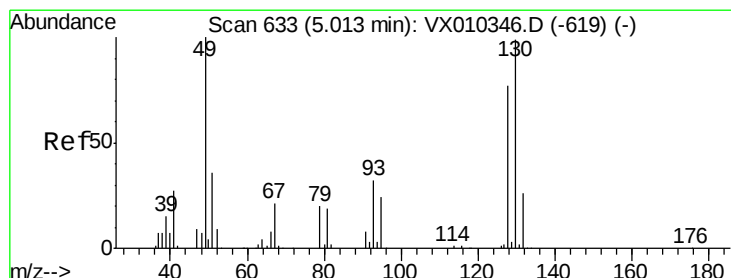
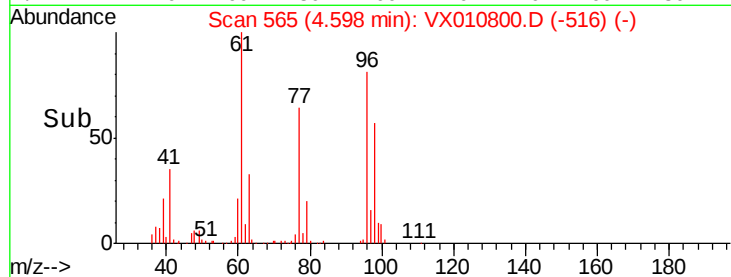
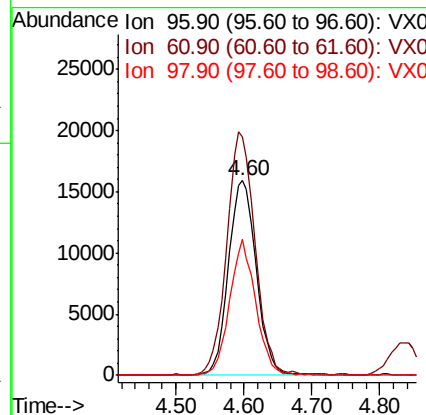
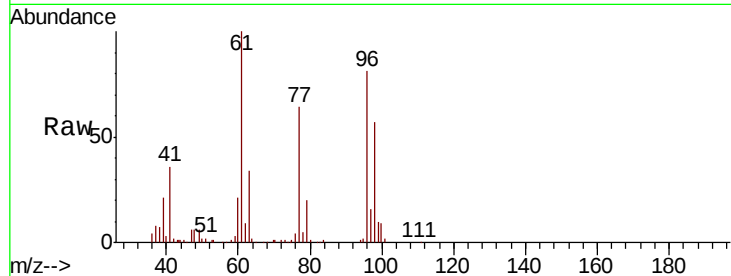


#27

cis-1,2-Dichloroethene
 Concen: 19.208 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0711MBS01

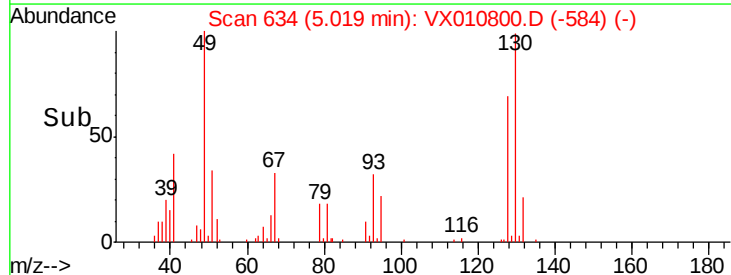
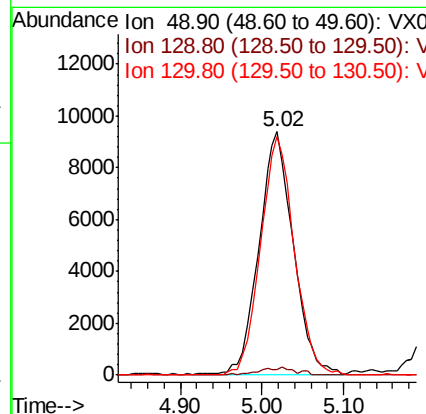
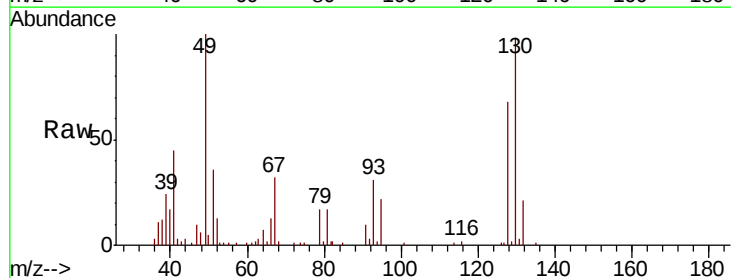
Tot Ion	96	Resp	45168
Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	251.8
98	65.0	0.0	129.4

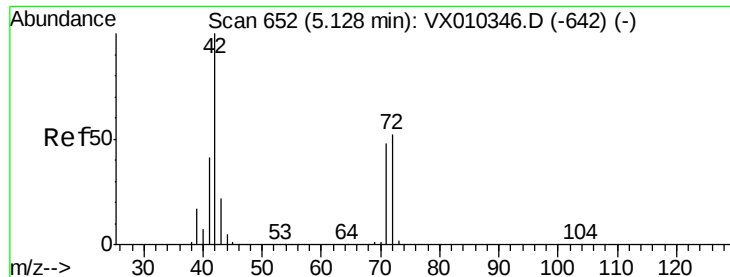


#28

Bromochloromethane
 Concen: 17.810 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion	49	Resp	27643
Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	96.0	81.4	122.0

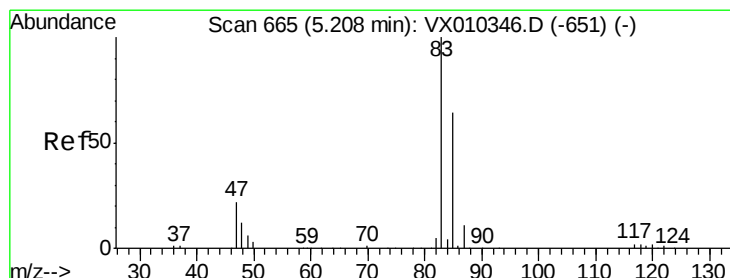
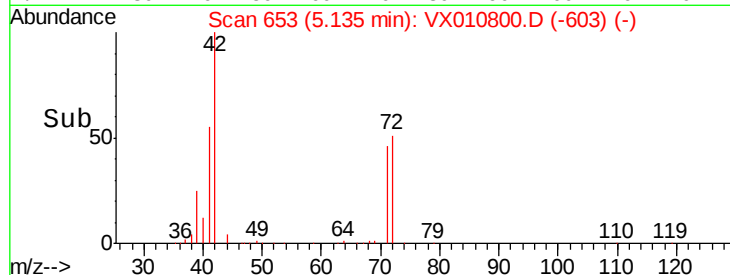
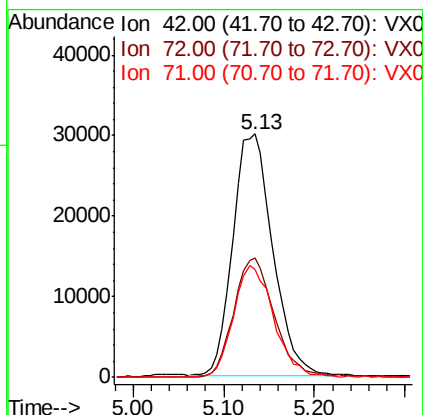
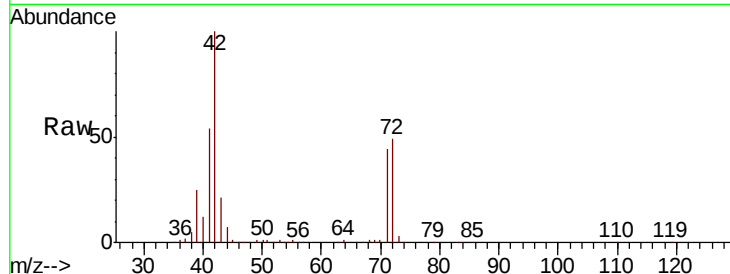




#29
Tetrahydrofuran
Concen: 97.999 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

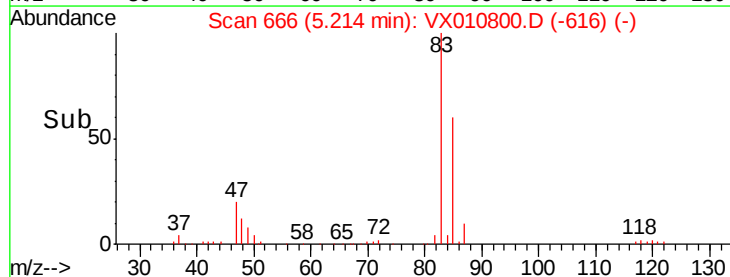
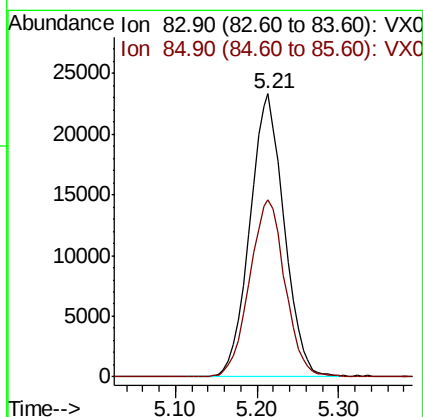
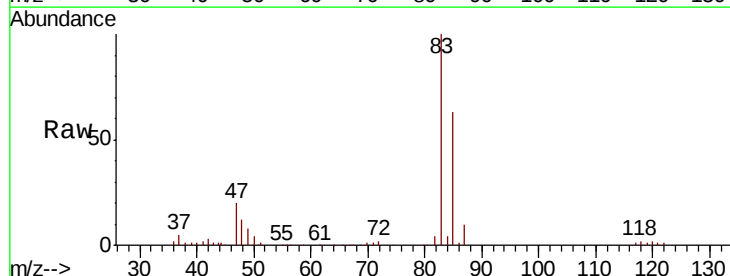
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

Tot Ion: 42 Resp: 91330
Ion Ratio Lower Upper
42 100
72 50.7 40.6 60.8
71 46.8 37.8 56.8



#30
Chloroform
Concen: 19.557 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 83 Resp: 68311
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3





#31

Cyclohexane

Concen: 19.465 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

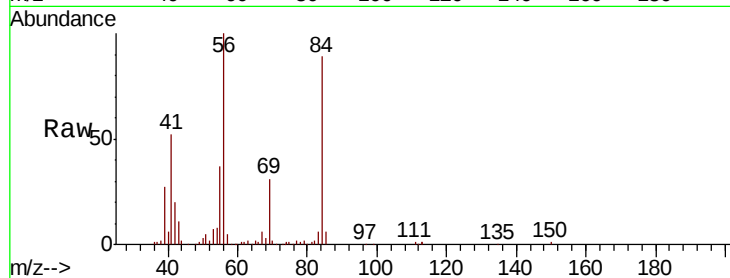
Tot Ion: 56 Resp: 57543

Ion Ratio Lower Upper

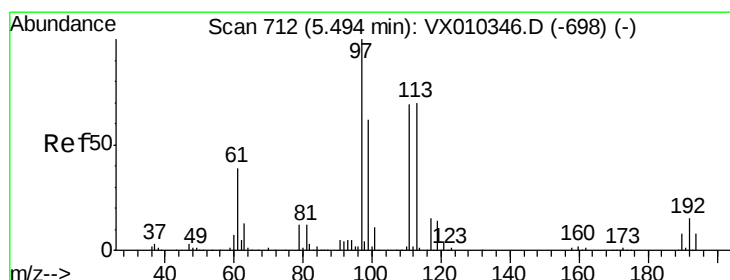
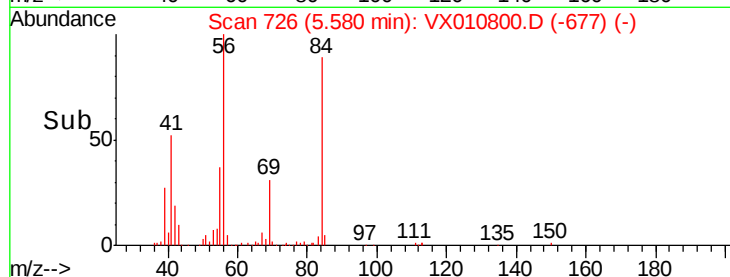
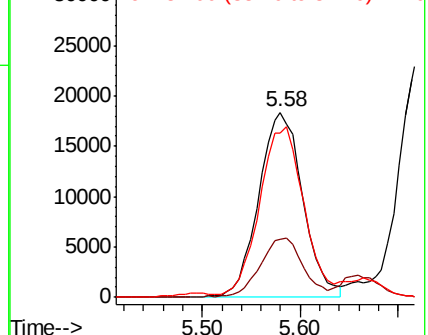
56 100

69 31.4 25.9 38.9

84 86.7 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.191 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

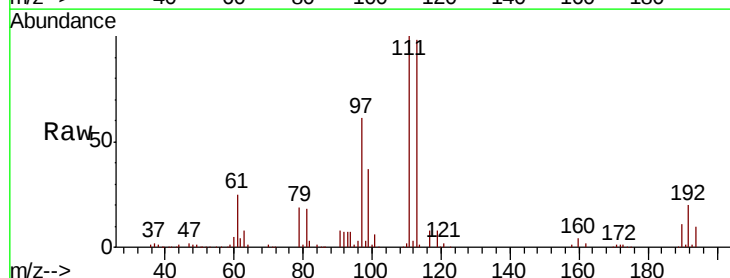
Tgt Ion: 97 Resp: 59189

Ion Ratio Lower Upper

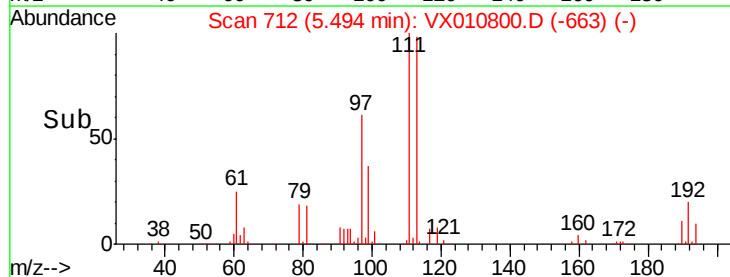
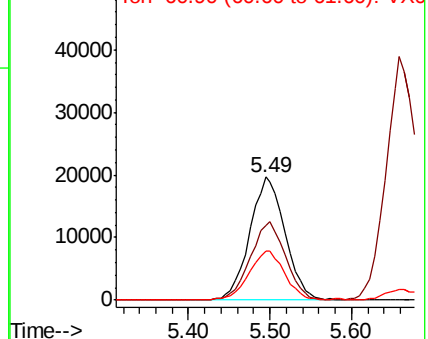
97 100

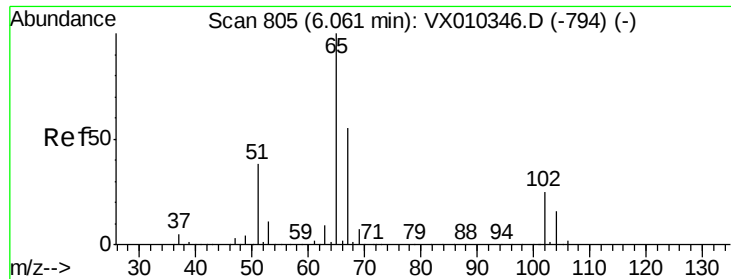
99 63.8 51.8 77.8

61 40.3 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.560 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

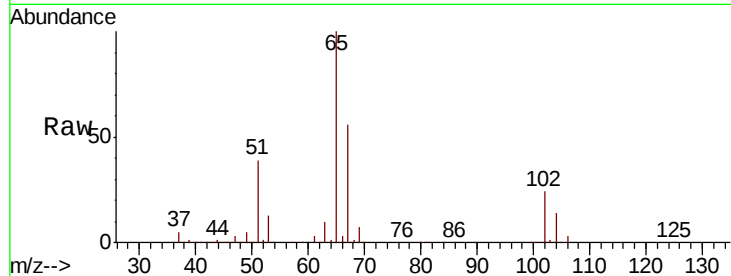
VX0711MBS01

Tot Ion: 65 Resp: 95291

Ion Ratio Lower Upper

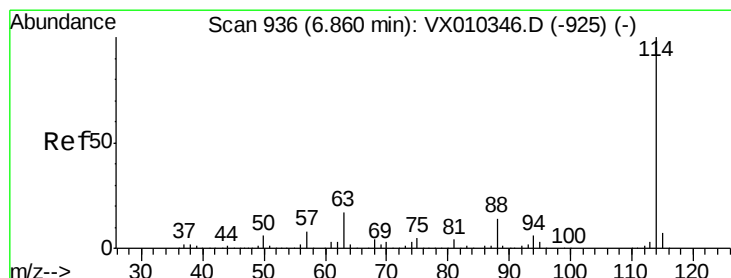
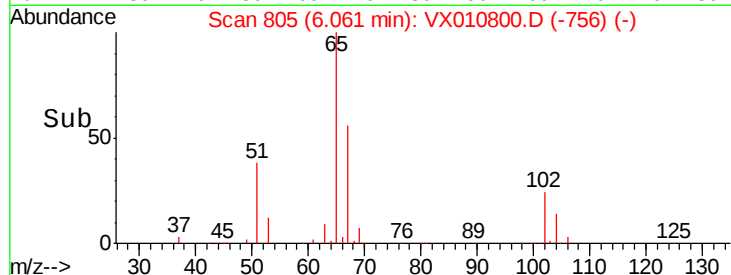
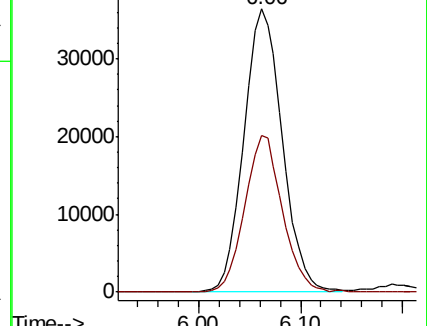
65 100

67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

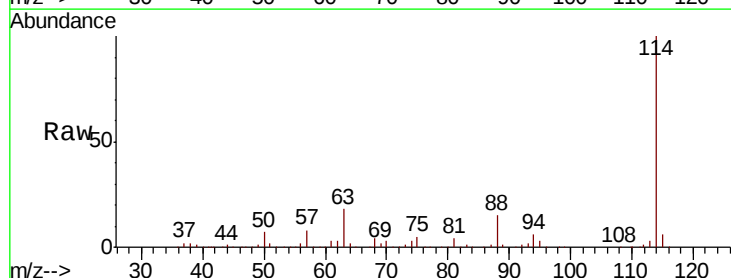
Tgt Ion: 114 Resp: 326342

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

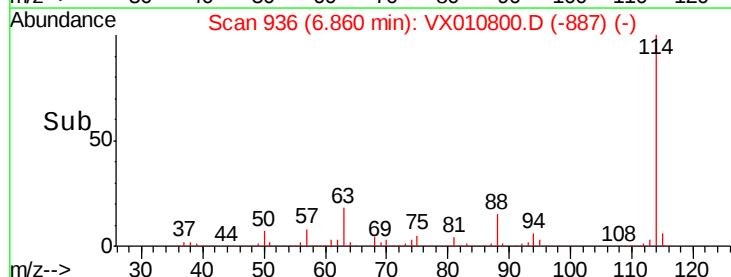
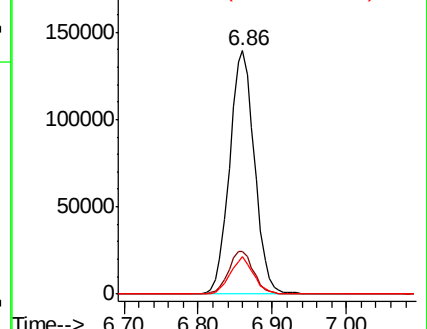
88 15.3 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

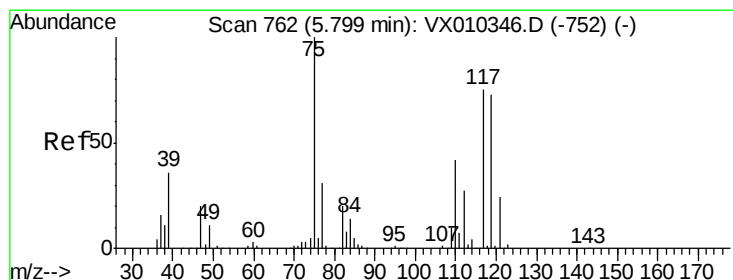
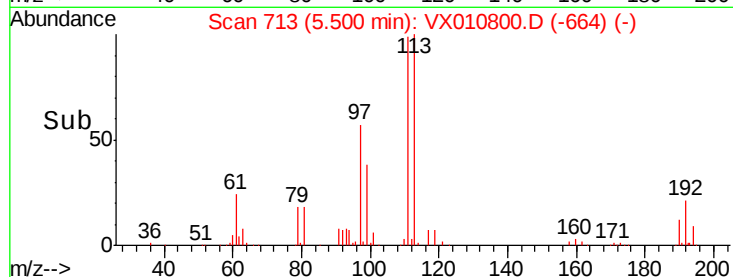
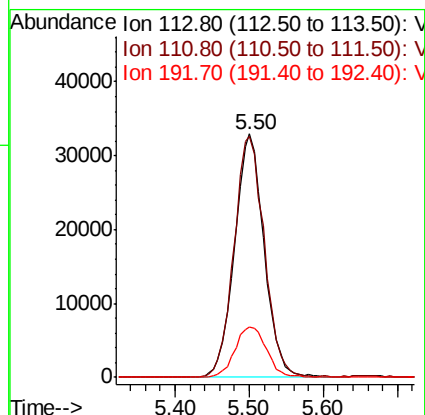
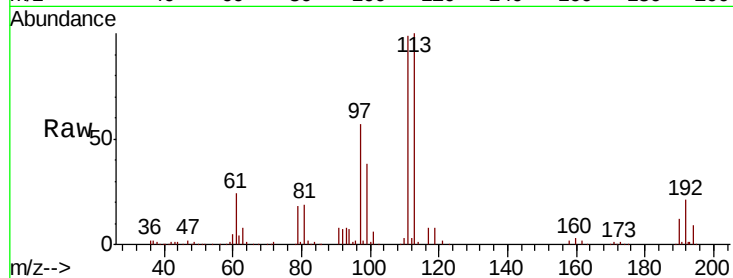




#35
 Dibromofluoromethane
 Concen: 45.813 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

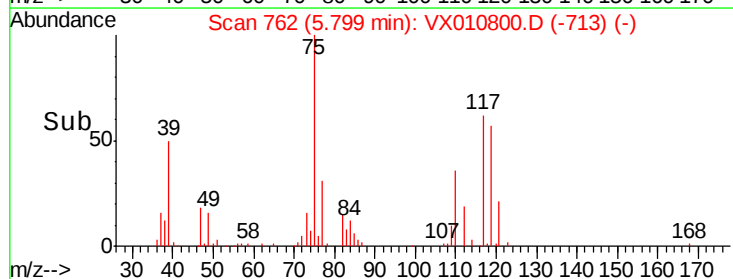
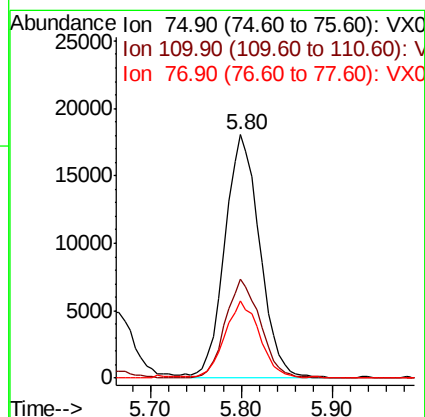
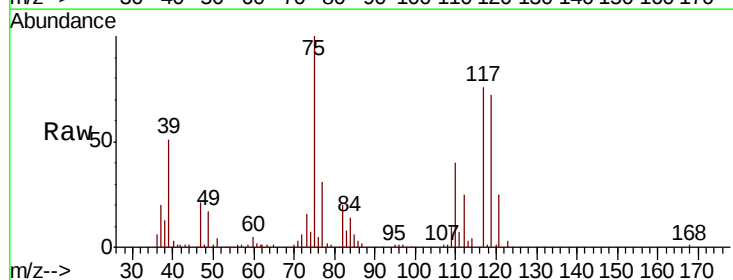
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

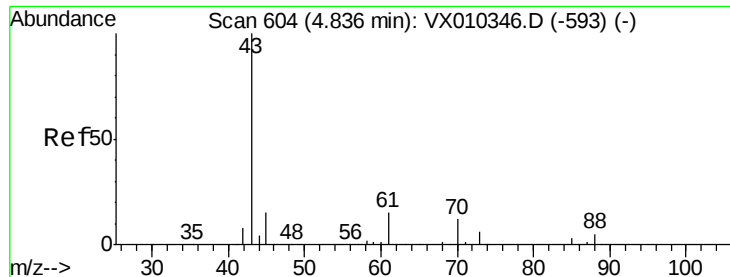
Tot Ion:113 Resp: 91474
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.2 121.8
 192 22.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 18.691 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion: 75 Resp: 48471
 Ion Ratio Lower Upper
 75 100
 110 40.6 20.8 62.2
 77 31.2 25.4 38.0





#37

Ethyl Acetate

Concen: 20.512 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

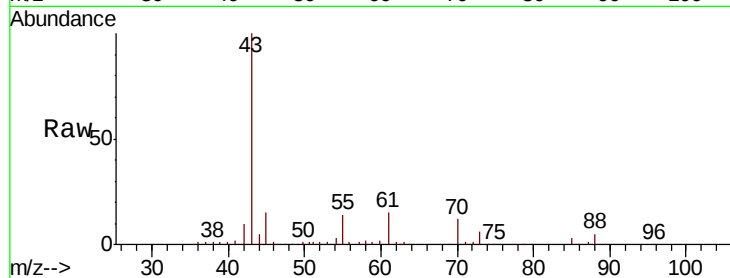
Tot Ion: 43 Resp: 54724

Ion Ratio Lower Upper

43 100

61 15.3 12.4 18.6

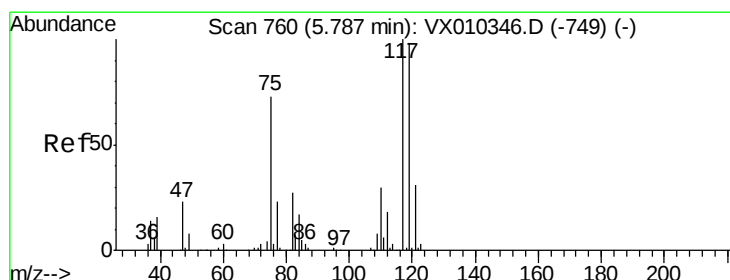
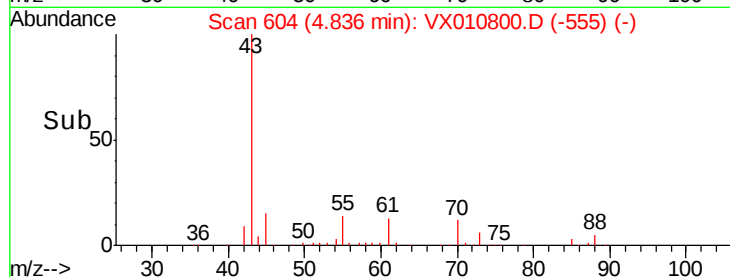
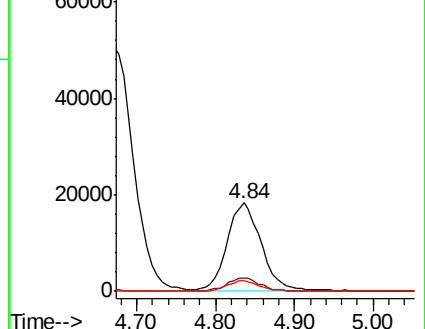
70 11.4 9.8 14.8



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: 17.761 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

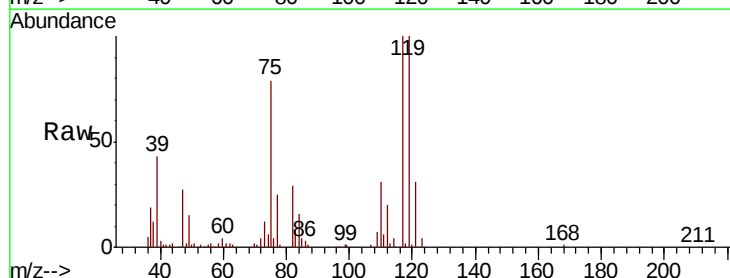
Tgt Ion: 117 Resp: 49876

Ion Ratio Lower Upper

117 100

119 99.8 78.2 117.4

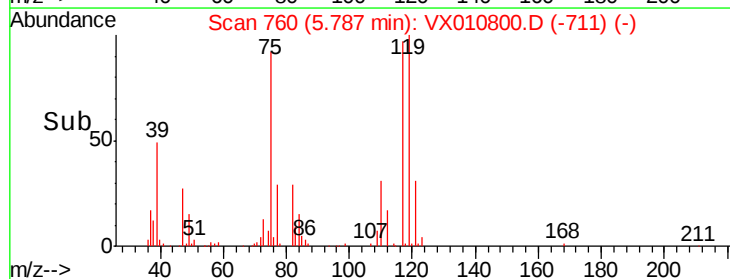
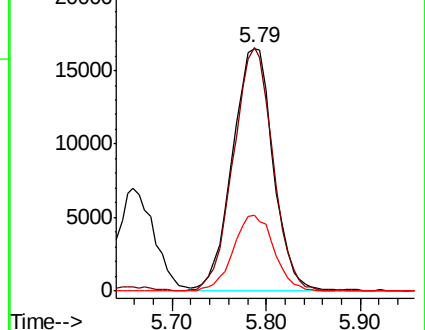
121 31.3 24.7 37.1

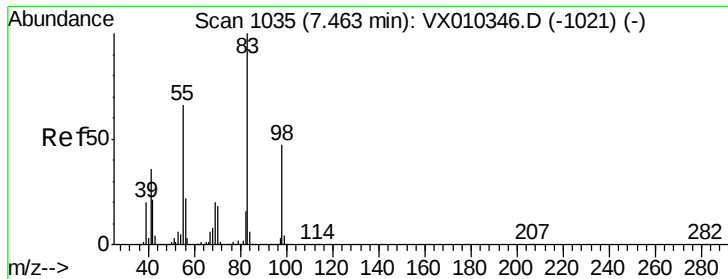


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

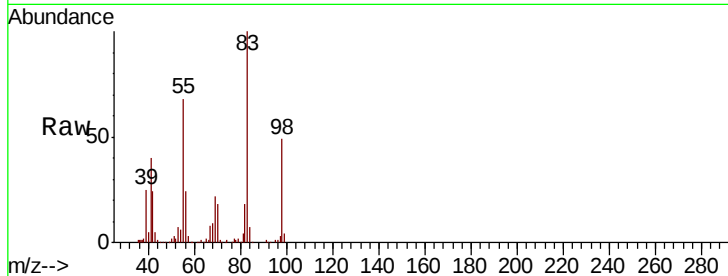




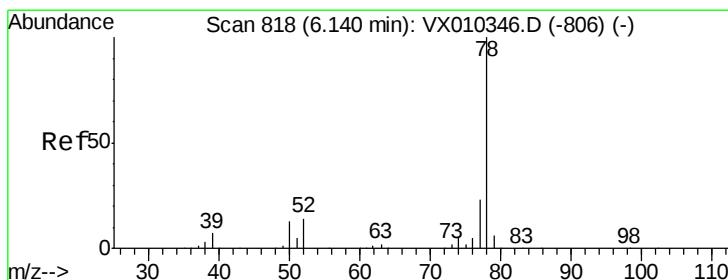
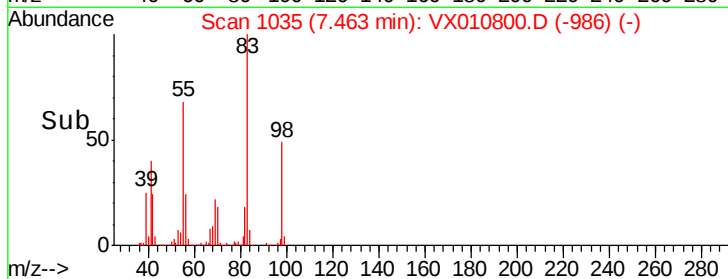
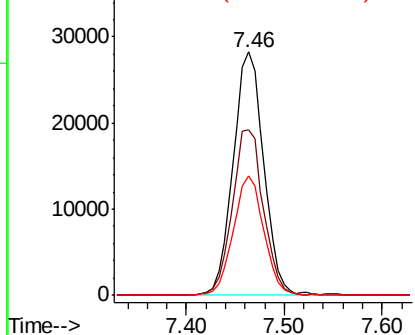
#39
Methylvlcvclohexane
Concen: 17.972 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

Tot Ion: 83 Resp: 61262
Ion Ratio Lower Upper
83 100
55 68.2 53.0 79.6
98 49.2 37.8 56.8

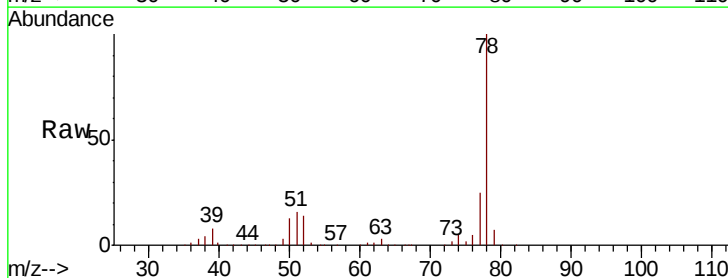


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

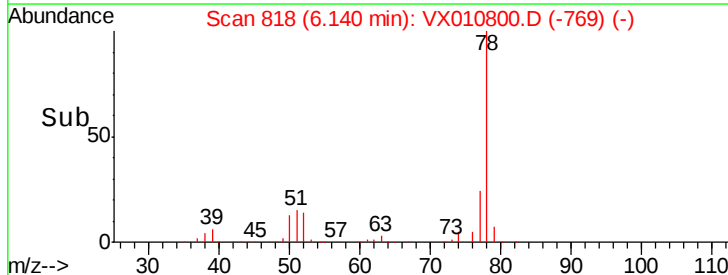
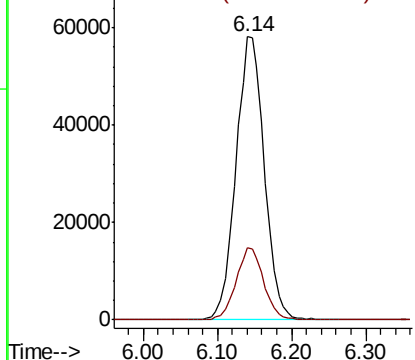


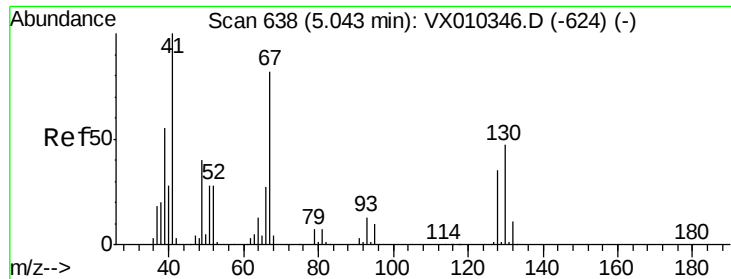
#40
Benzene
Concen: 19.195 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 78 Resp: 155082
Ion Ratio Lower Upper
78 100
77 25.4 18.6 28.0



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

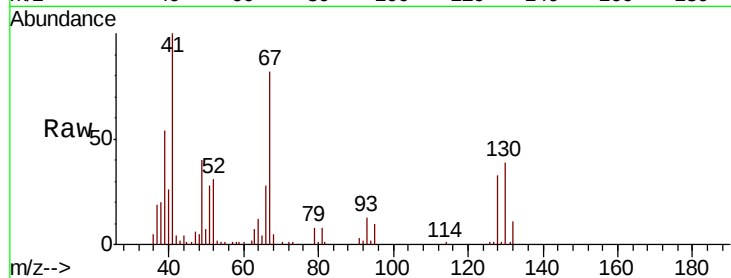




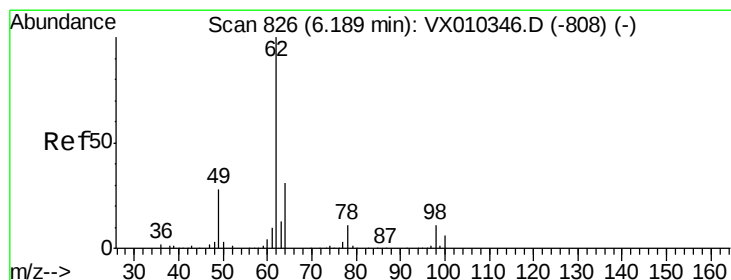
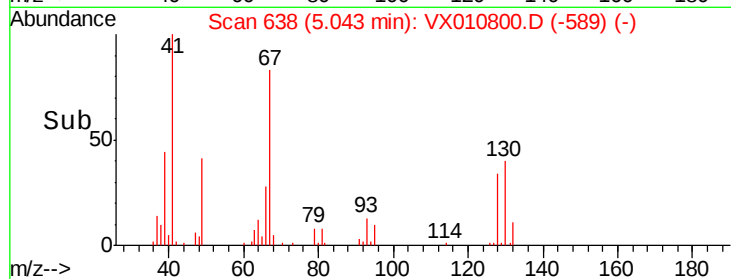
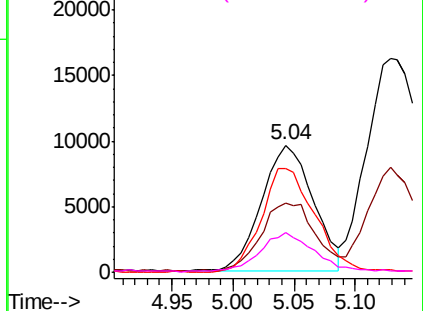
#41
Methacrylonitrile
Concen: 19.479 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

Tot Ion:	41	Resp:	28514
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.8	65.8
67	85.7	66.6	100.0
52	33.5	24.5	36.7

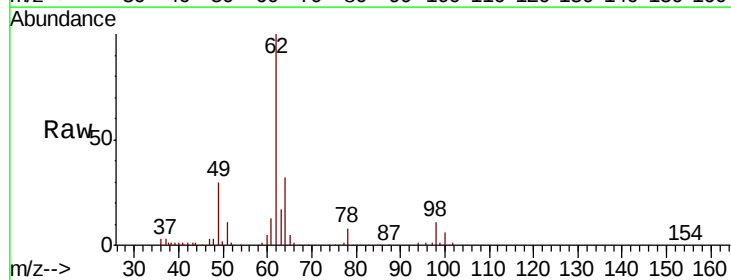


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

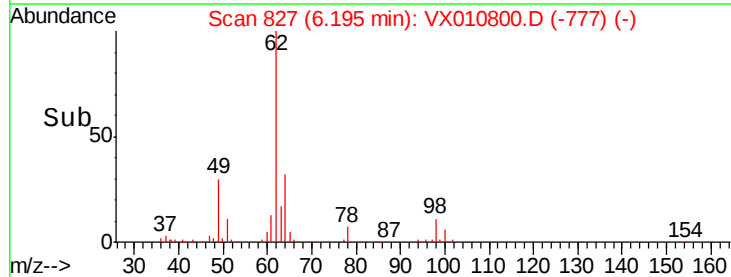
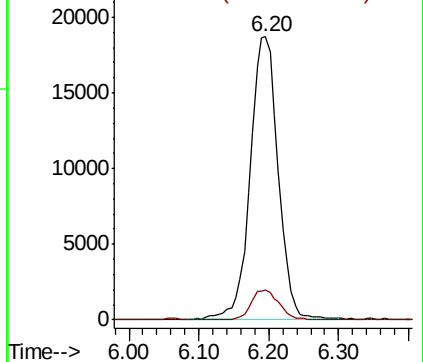


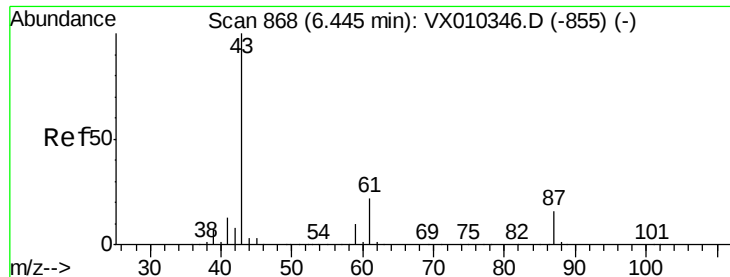
#42
1,2-Dichloroethane
Concen: 21.171 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion:	62	Resp:	52067
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



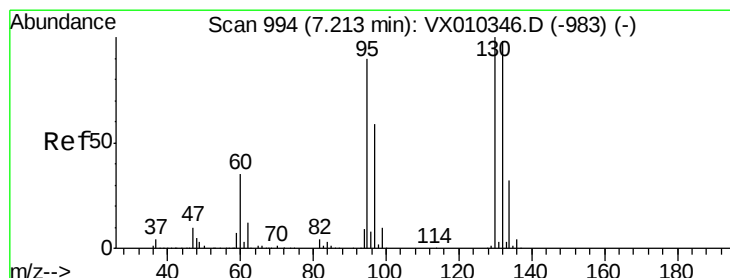
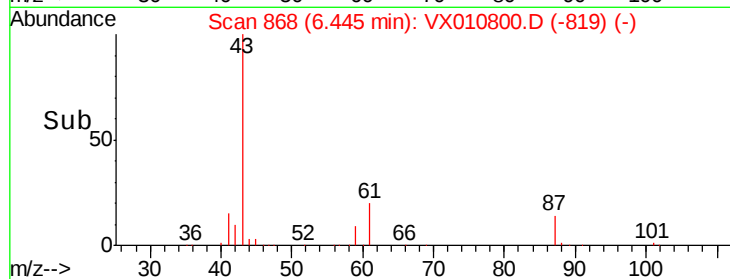
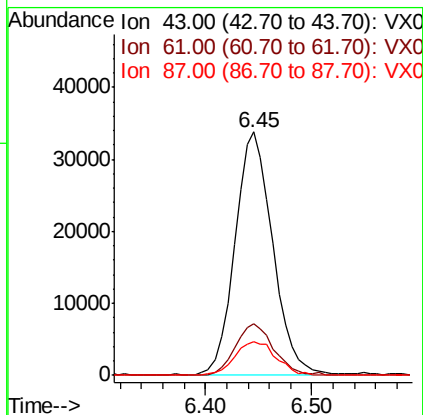
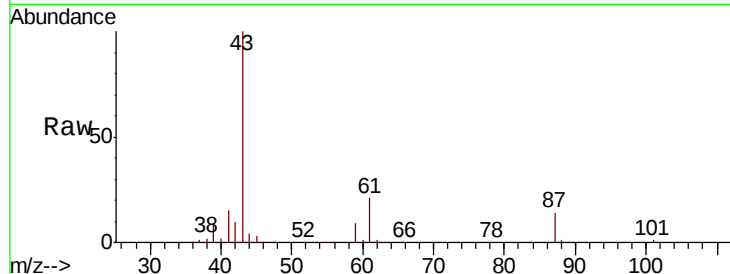


#43

Isopropyl Acetate
 Concen: 18.878 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

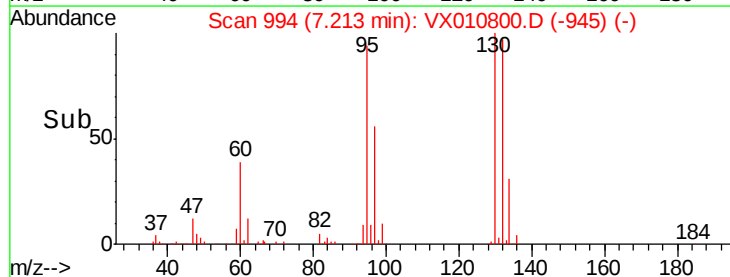
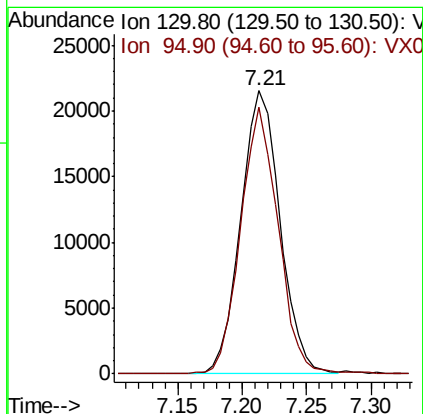
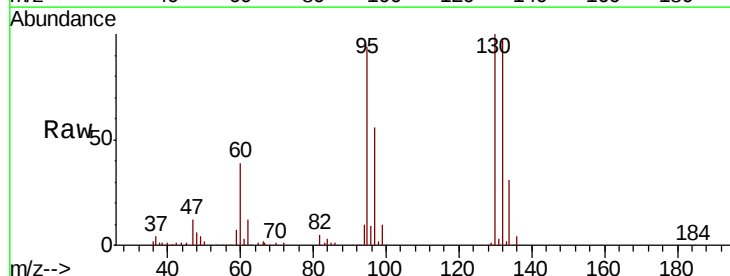
Tot Ion	43	Resp	83328
Ion Ratio	Lower	Upper	
43	100		
61	22.0	17.8	26.6
87	15.3	13.0	19.4

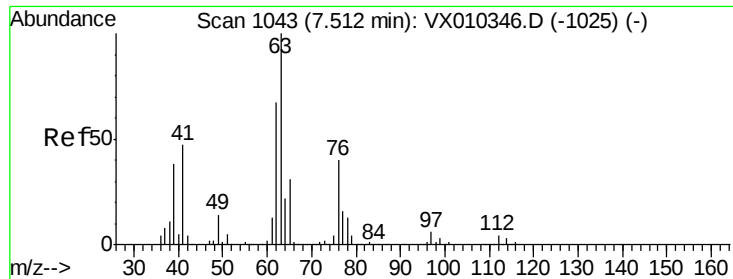


#44

Trichloroethene
 Concen: 18.820 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion	130	Resp	45499
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	180.8

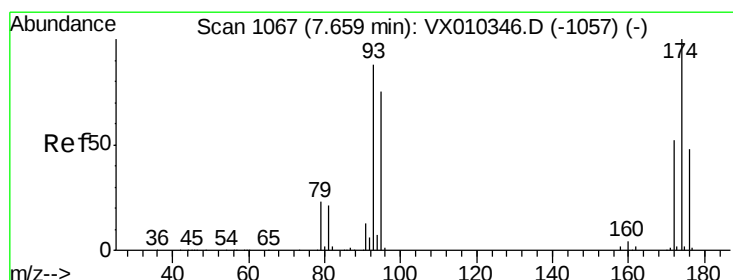
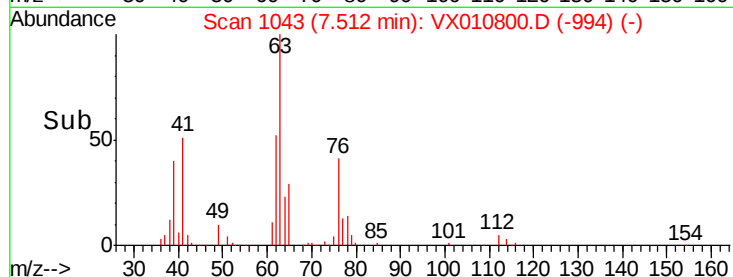
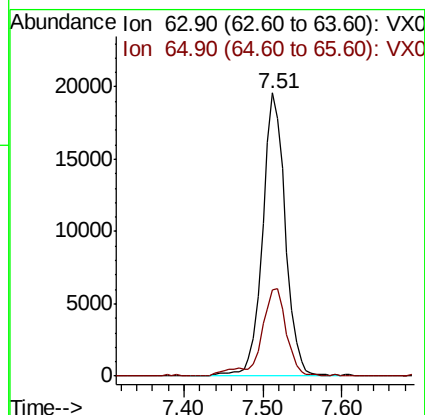
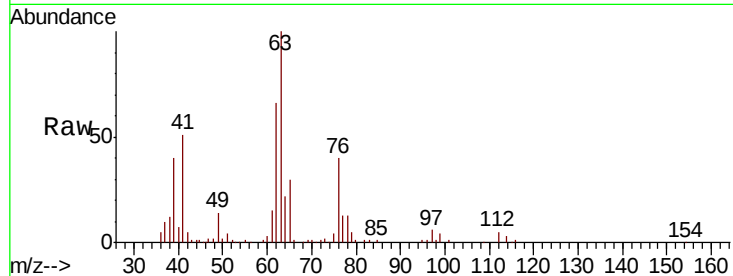




#45
 1,2-Dichloropropane
 Concen: 19.287 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

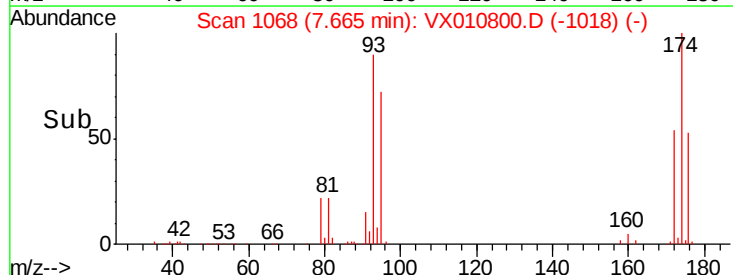
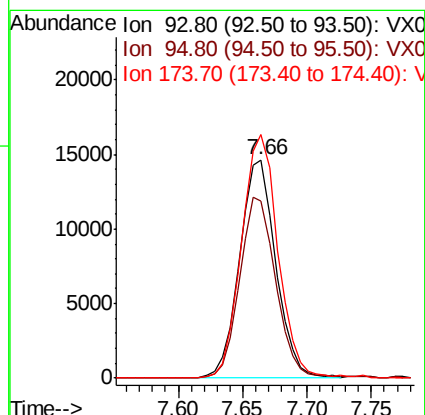
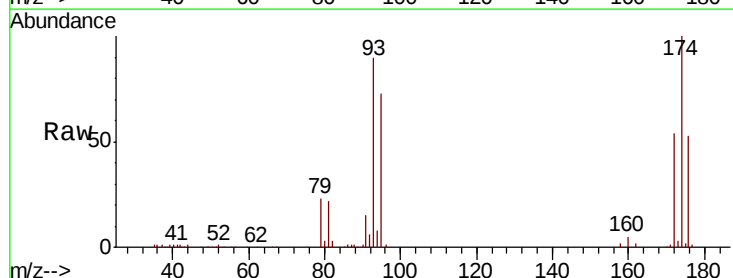
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

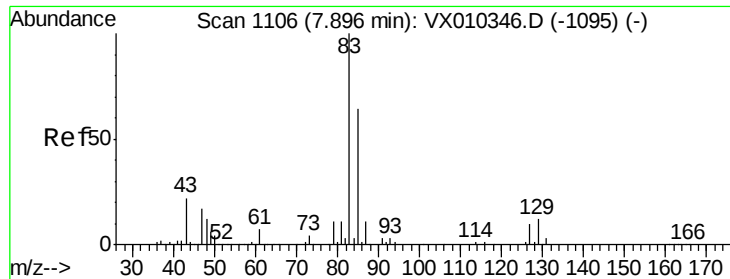
Tot Ion: 63 Resp: 39350
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2



#46
 Dibromomethane
 Concen: 19.424 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion: 93 Resp: 28433
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.5 101.3
 174 112.7 95.8 143.6





#47

Bromodichloromethane

Concen: 18.261 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

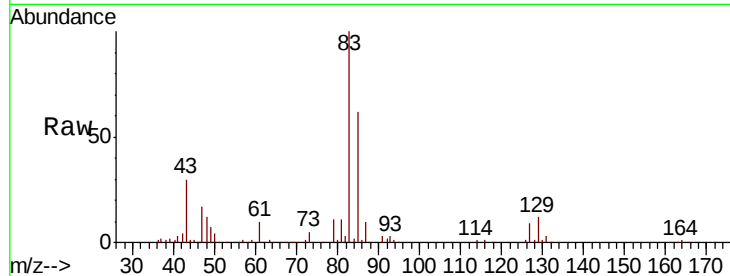
Tot Ion: 83 Resp: 48989

Ion Ratio Lower Upper

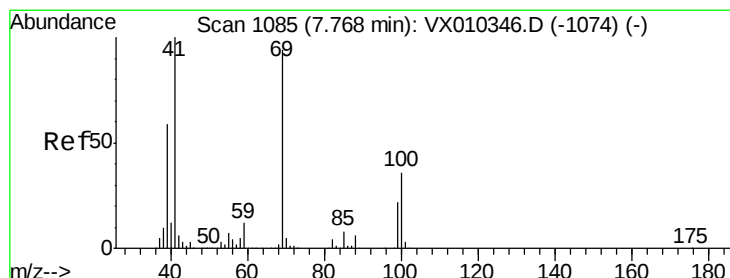
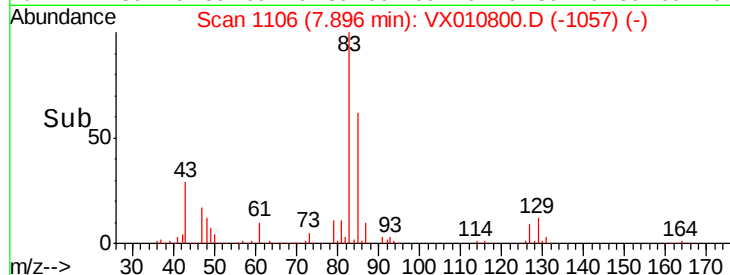
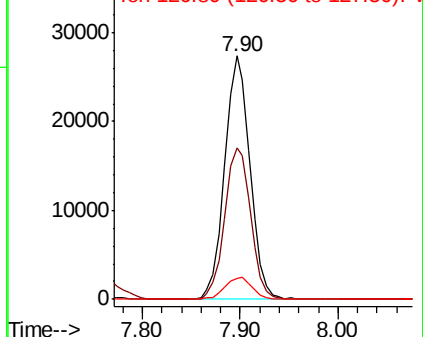
83 100

85 62.1 51.5 77.3

127 8.5 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: 19.051 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

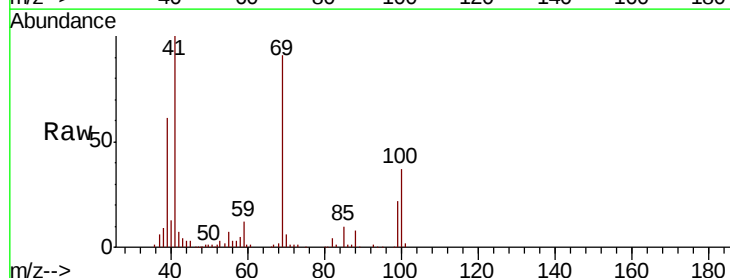
Tgt Ion: 41 Resp: 39086

Ion Ratio Lower Upper

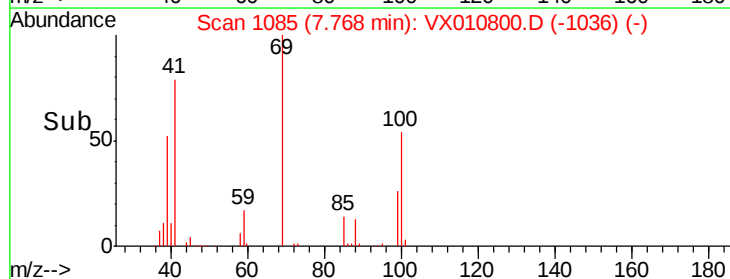
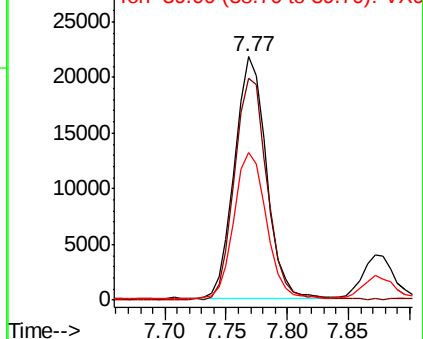
41 100

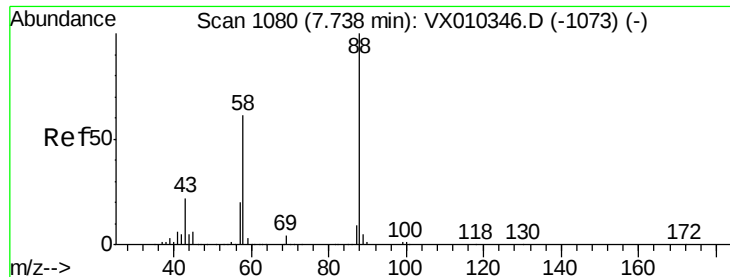
69 95.3 76.1 114.1

39 61.6 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: 396.137 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

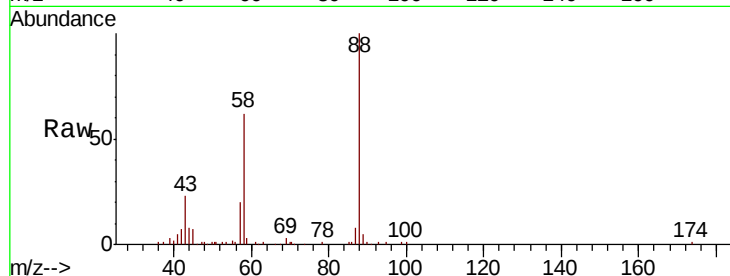
Tot Ion: 88 Resp: 23413

Ion Ratio Lower Upper

88 100

43 26.8 20.2 30.2

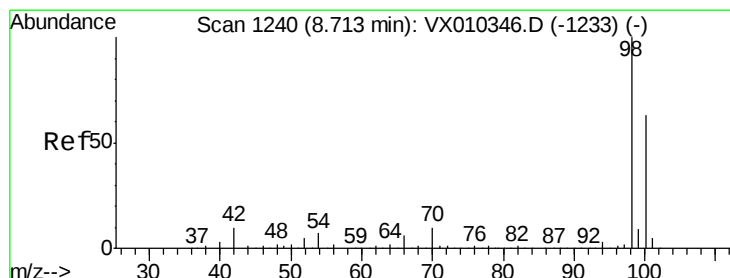
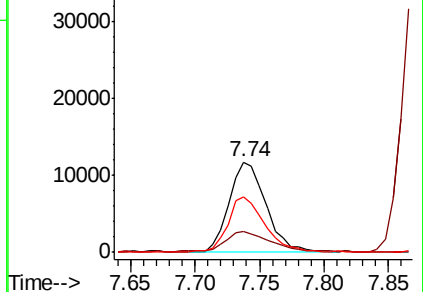
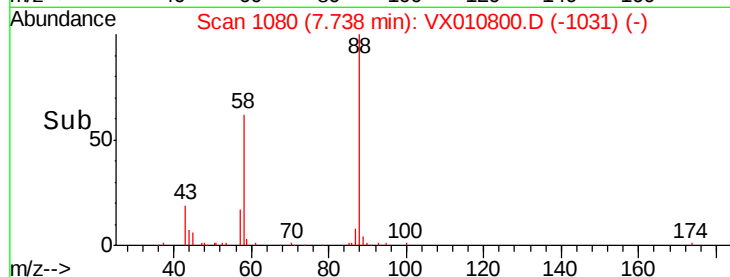
58 62.5 49.5 74.3



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: 43.841 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010800.D

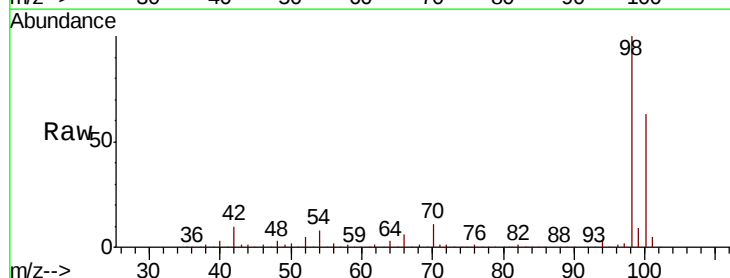
Acq: 11 Jul 2019 12:30

Tgt Ion: 98 Resp: 334900

Ion Ratio Lower Upper

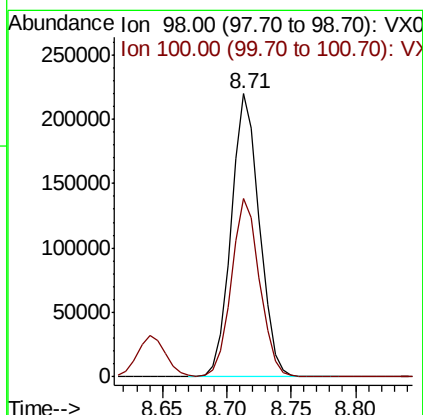
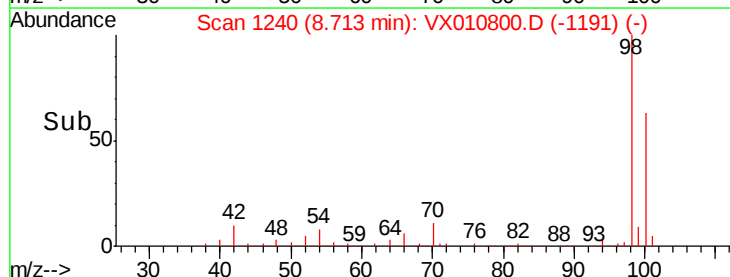
98 100

100 63.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 101.322 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

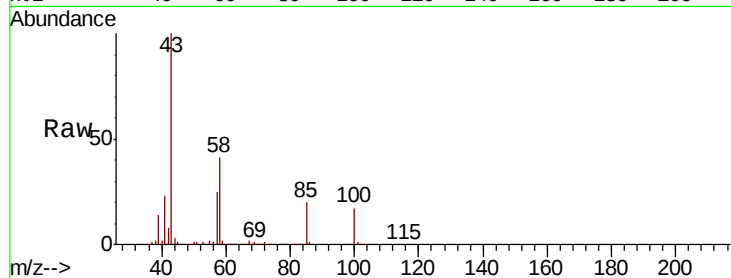
VX0711MBS01

Tot Ion: 43 Resp: 286031

Ion Ratio Lower Upper

43 100

58 40.8 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

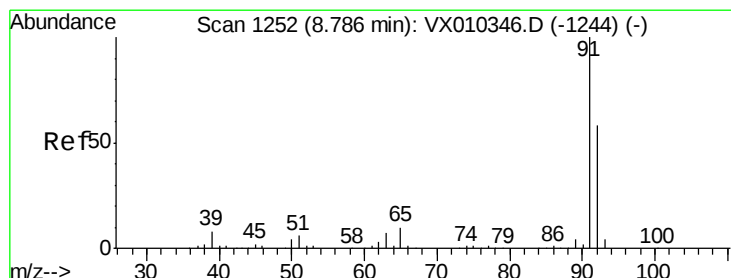
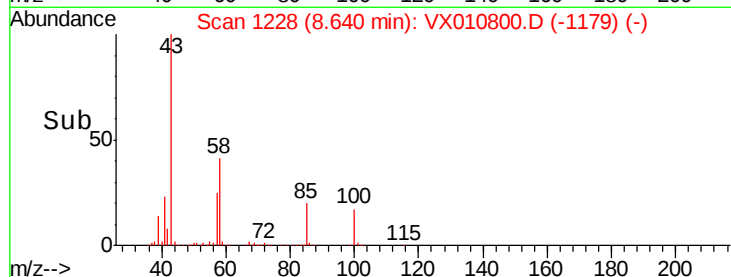
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 18.818 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010800.D

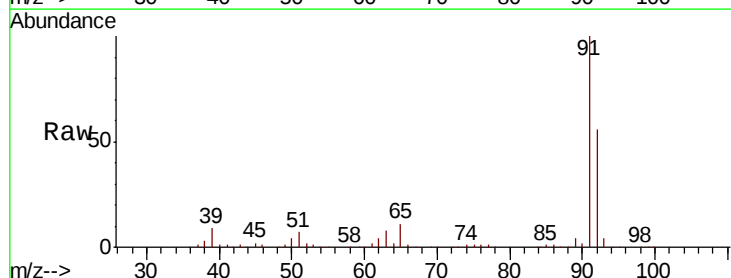
Acq: 11 Jul 2019 12:30

Tgt Ion: 92 Resp: 100122

Ion Ratio Lower Upper

92 100

91 179.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

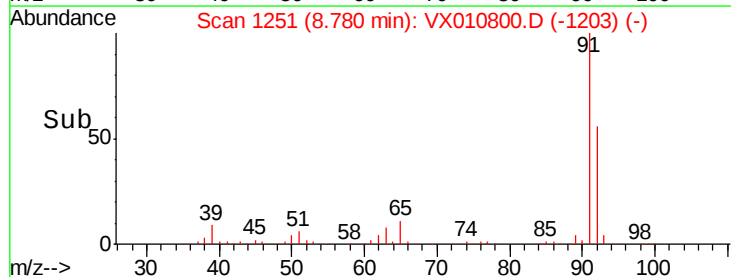
8.78

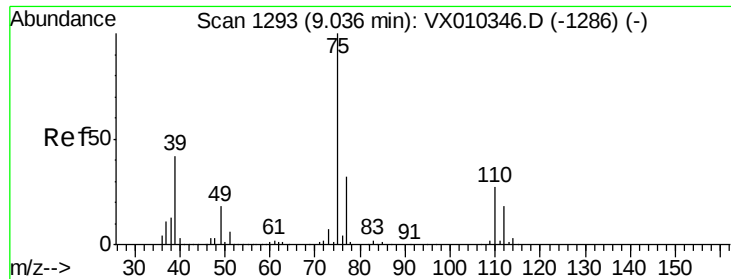
100000

50000

0

Time--> 8.70 8.80 8.90

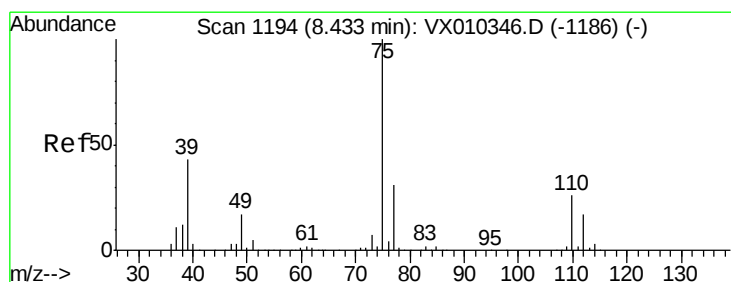
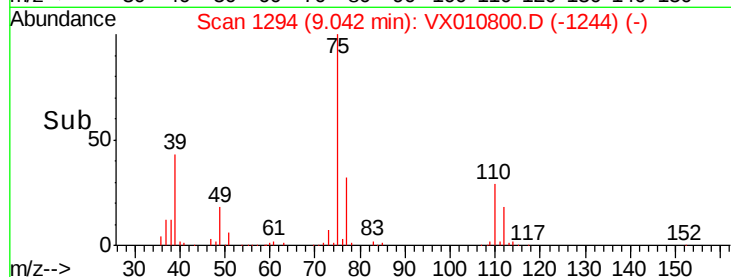
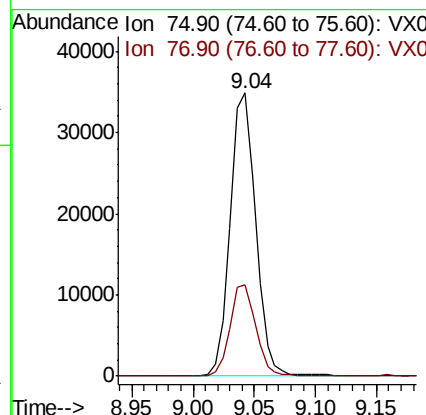
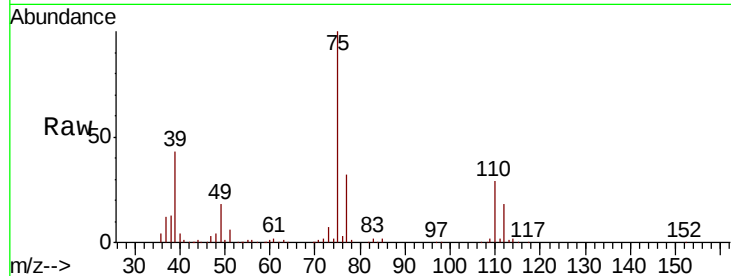




#53
 t-1,3-Dichloropropene
 Concen: 16.646 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

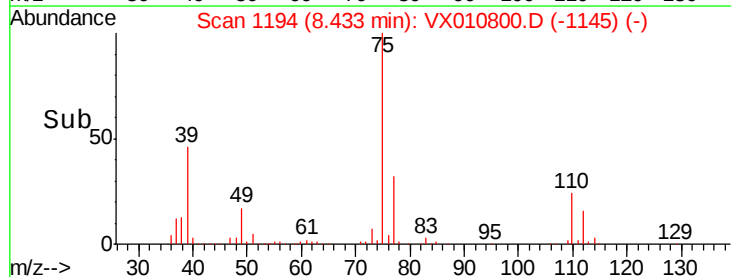
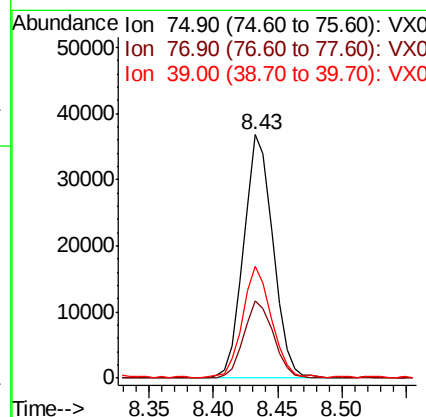
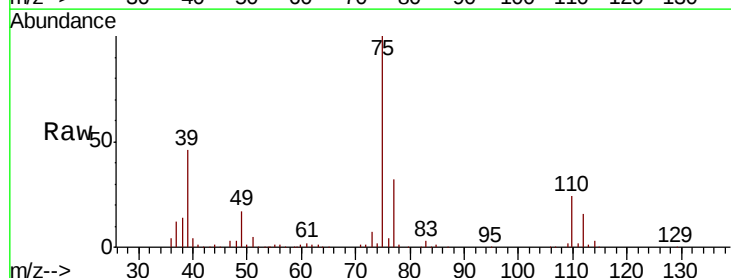
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

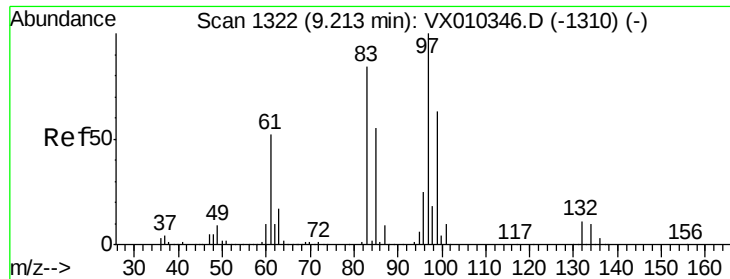
Tot Ion: 75 Resp: 50064
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.762 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion: 75 Resp: 58055
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 45.4 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.356 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

Tot Ion: 97 Resp: 42473

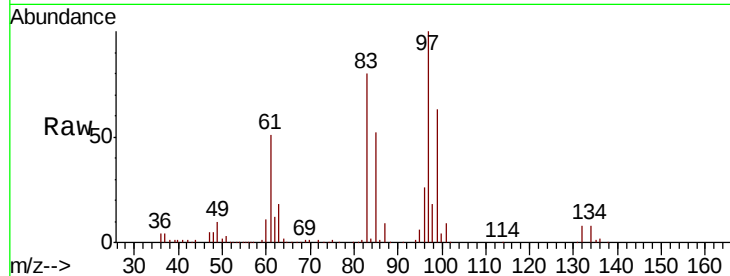
Ion Ratio Lower Upper

97 100

83 79.6 67.4 101.0

85 51.3 43.8 65.8

99 63.2 50.3 75.5

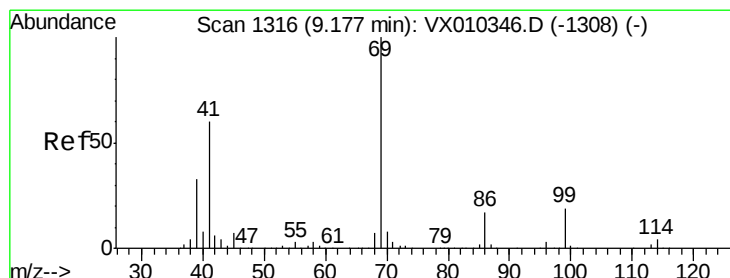
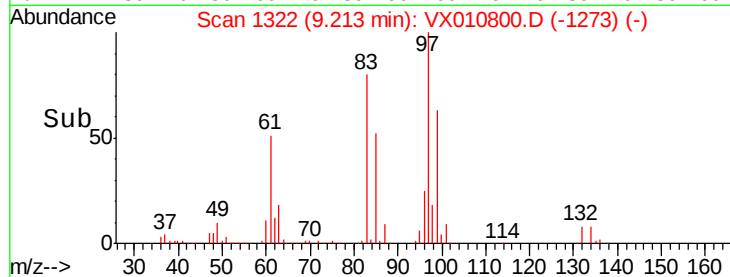
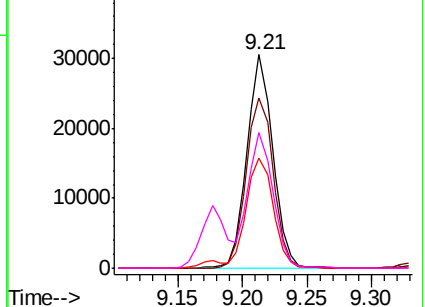


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.441 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

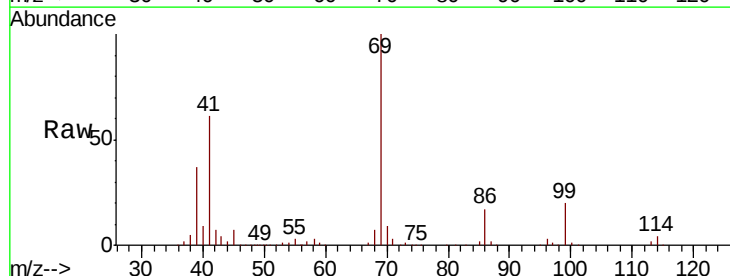
Tgt Ion: 69 Resp: 61300

Ion Ratio Lower Upper

69 100

41 60.6 47.1 70.7

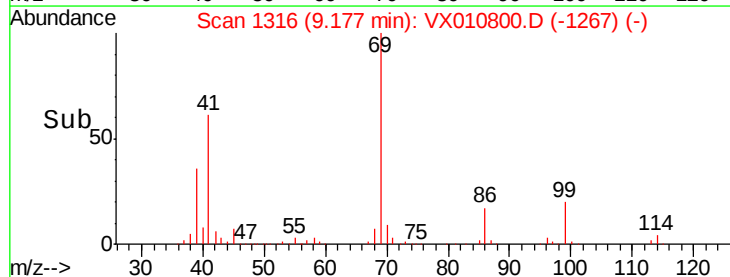
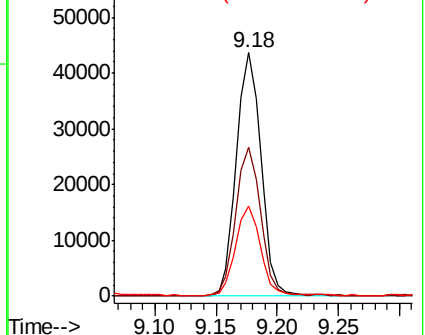
39 36.3 26.6 40.0

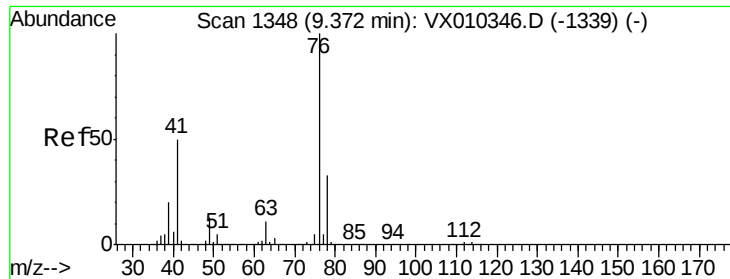


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.722 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

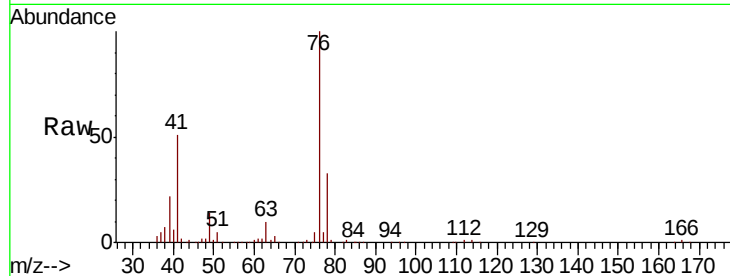
VX0711MBS01

Tot Ion: 76 Resp: 67177

Ion Ratio Lower Upper

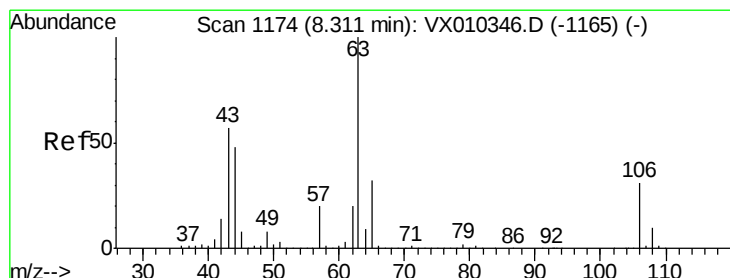
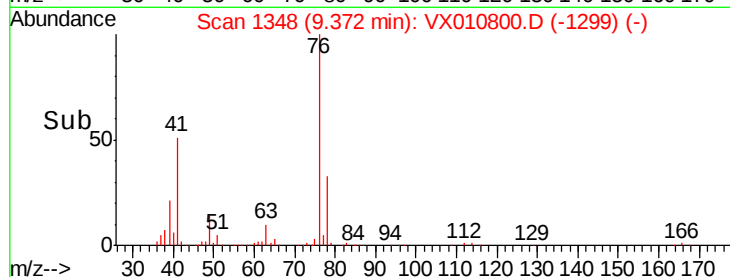
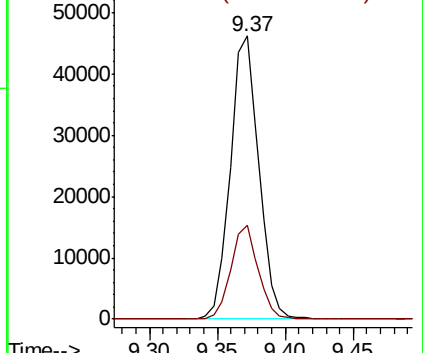
76 100

78 31.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 90.427 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010800.D

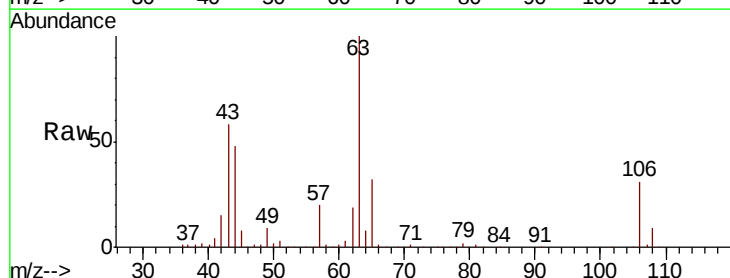
Acq: 11 Jul 2019 12:30

Tgt Ion: 63 Resp: 142756

Ion Ratio Lower Upper

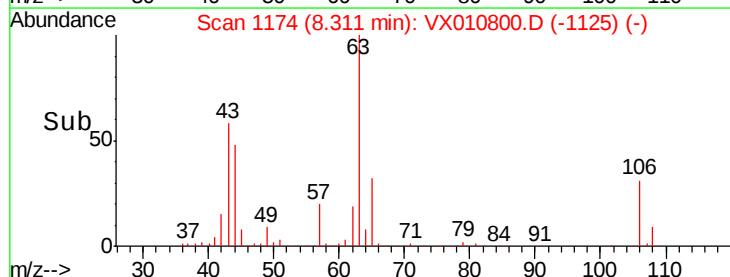
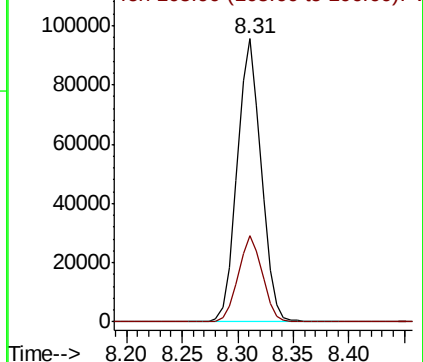
63 100

106 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

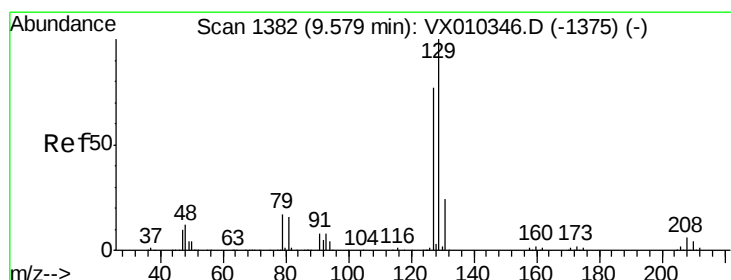
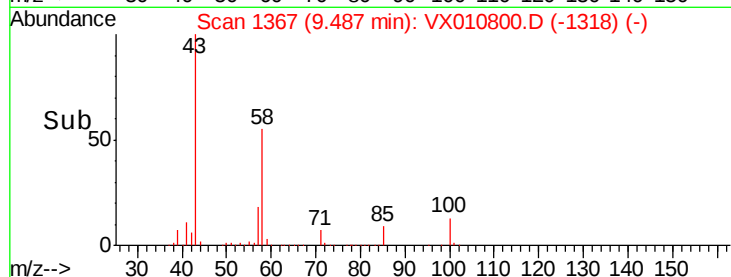
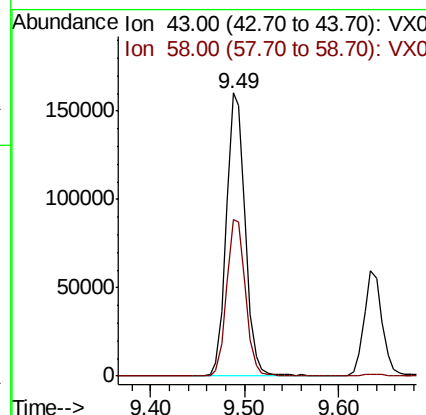
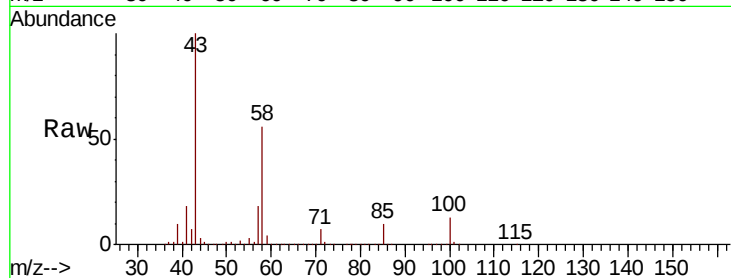




#59
2-Hexanone
Concen: 99.318 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

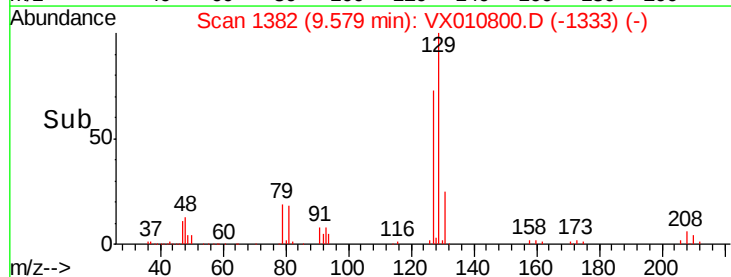
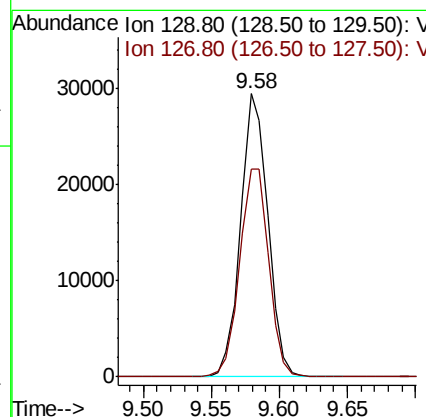
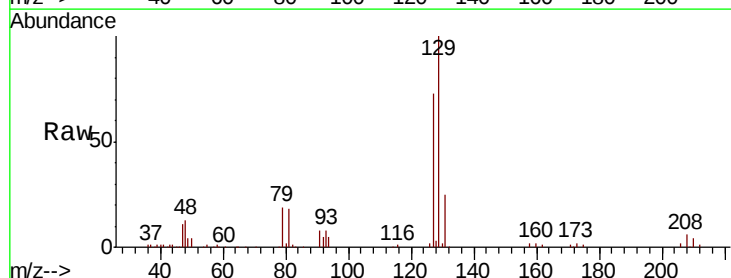
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

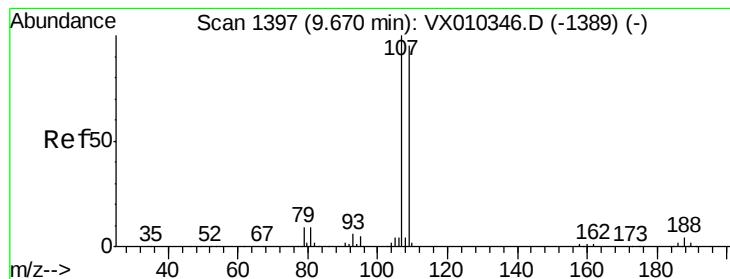
Tot Ion: 43 Resp: 220665
Ion Ratio Lower Upper
43 100
58 55.8 29.0 87.1



#60
Dibromochloromethane
Concen: 16.765 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 129 Resp: 41189
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.736 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

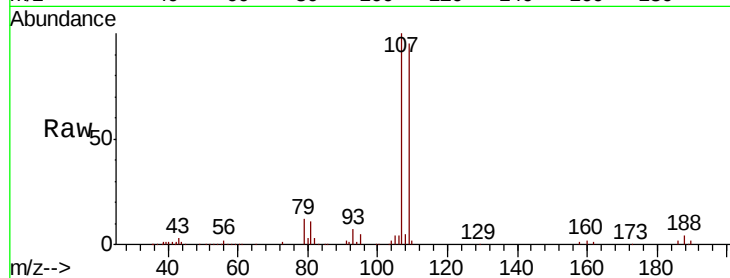
VX0711MBS01

Tot Ion:107 Resp: 44377

Ion Ratio Lower Upper

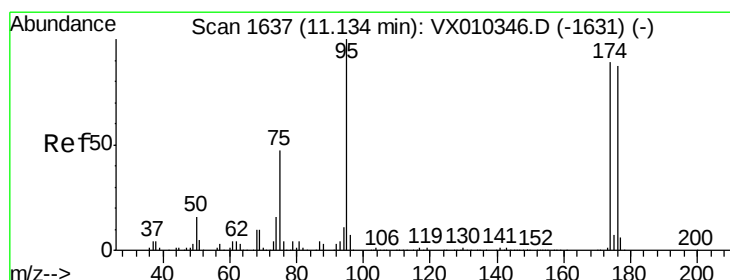
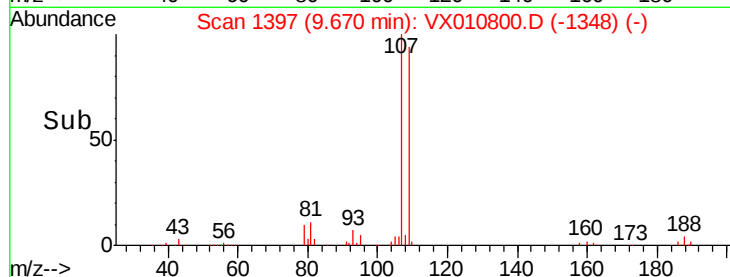
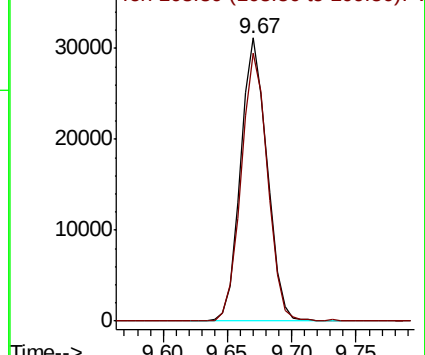
107 100

109 94.4 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: 44.139 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

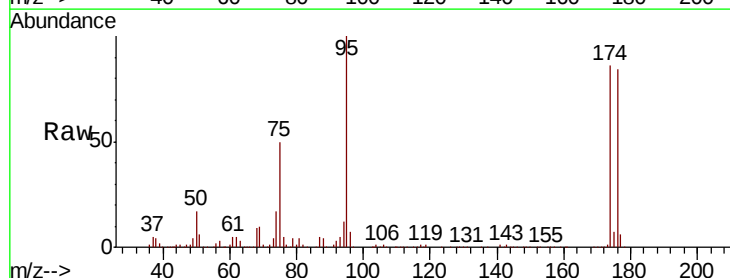
Tgt Ion: 95 Resp: 121730

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.6

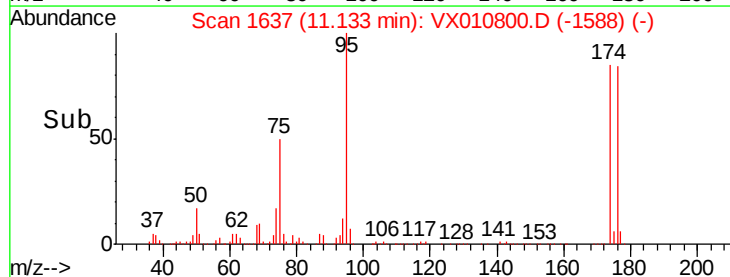
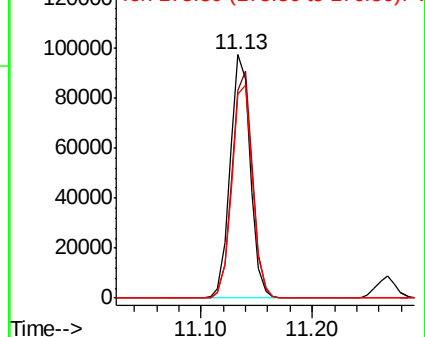
176 90.1 0.0 184.0

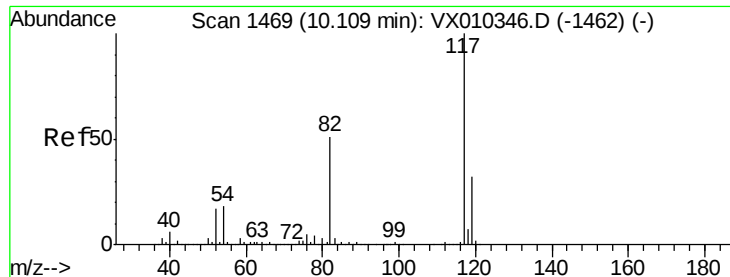


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

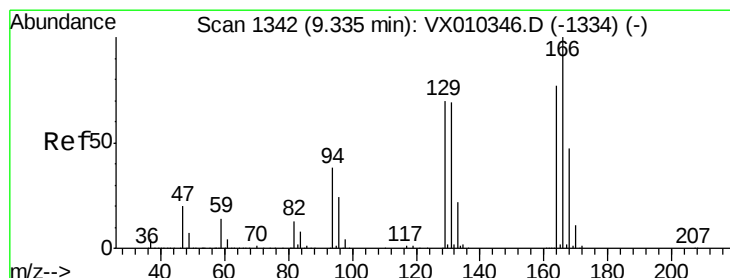
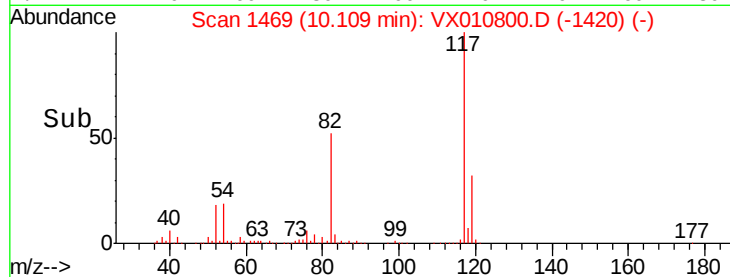
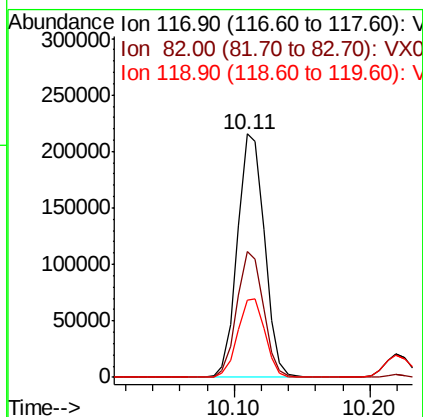
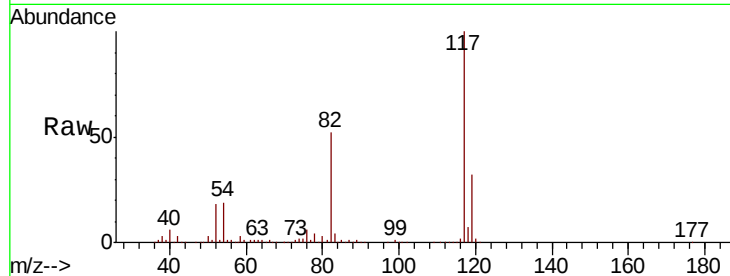




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

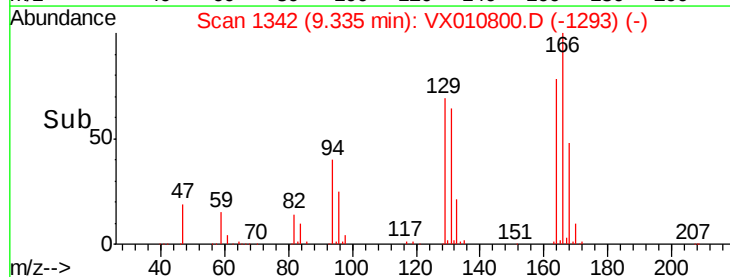
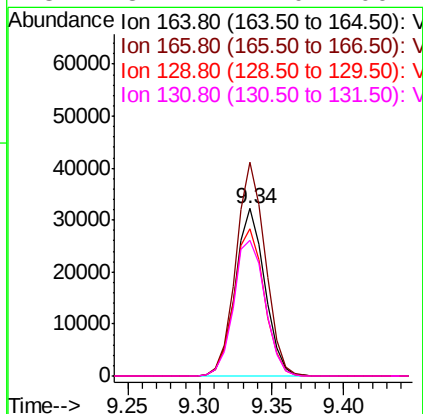
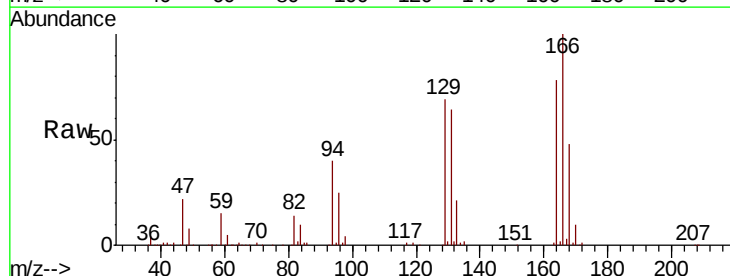
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

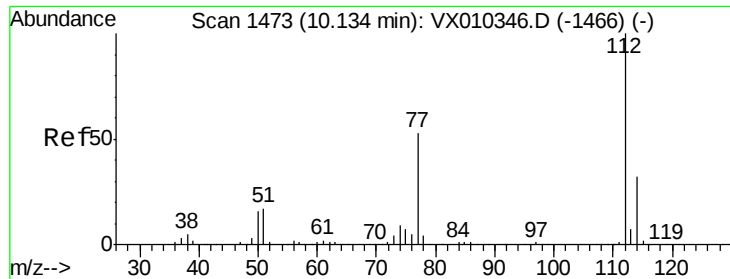
Tot Ion:117 Resp: 299092
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 19.043 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion:164 Resp: 46067
Ion Ratio Lower Upper
164 100
166 127.6 103.6 155.4
129 87.9 73.0 109.4
131 81.2 71.0 106.4

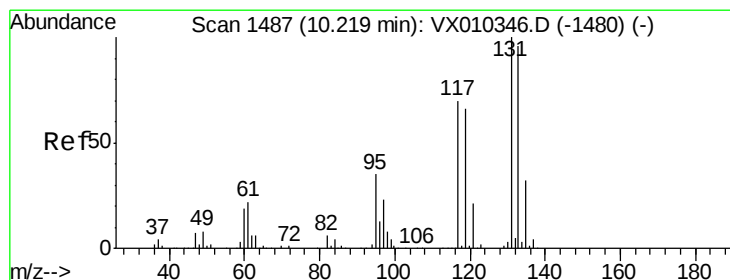
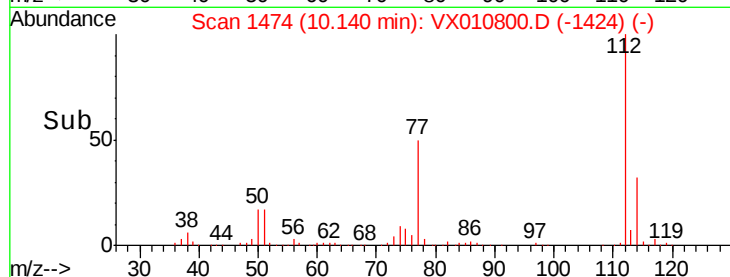
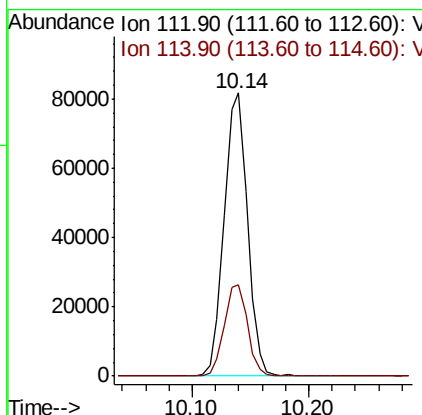
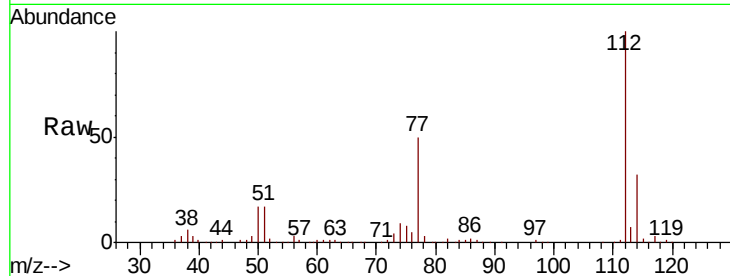




#65
Chlorobenzene
Concen: 18.665 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

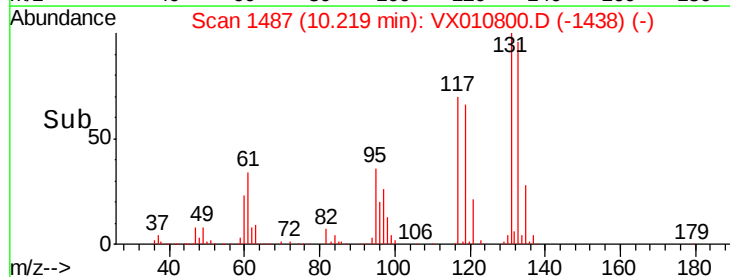
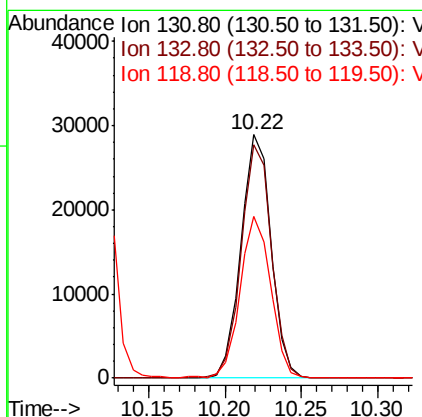
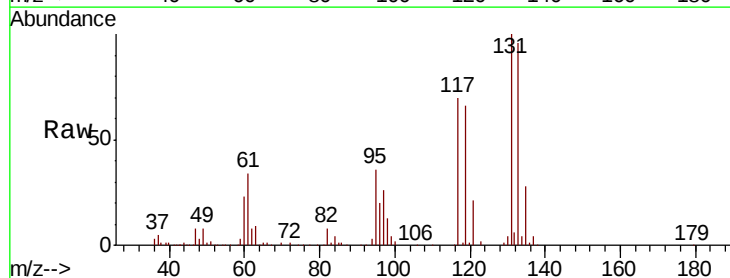
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

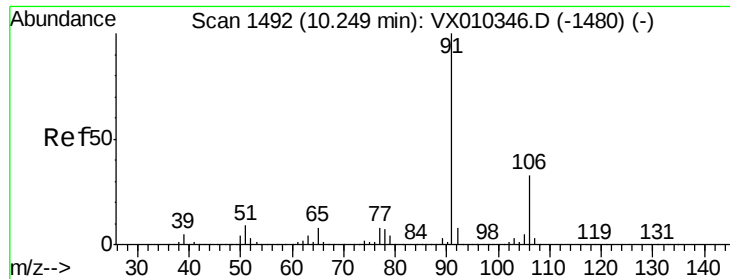
Tot Ion:112 Resp: 113339
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.841 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion:131 Resp: 39461
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 67.7 32.6 97.7





#67

Ethyl Benzene

Concen: 18.980 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

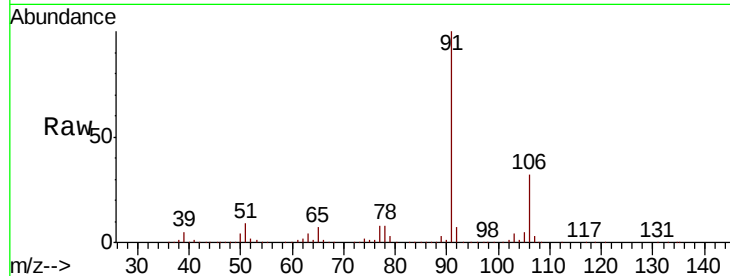
VX0711MBS01

Tot Ion: 91 Resp: 194569

Ion Ratio Lower Upper

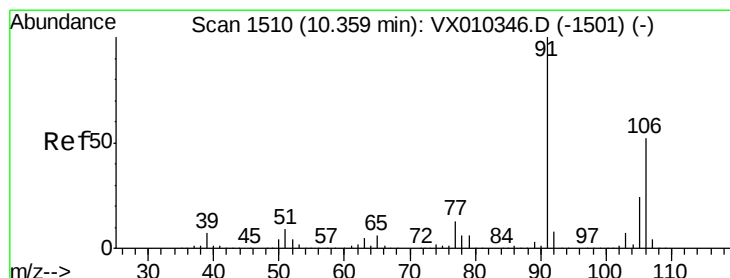
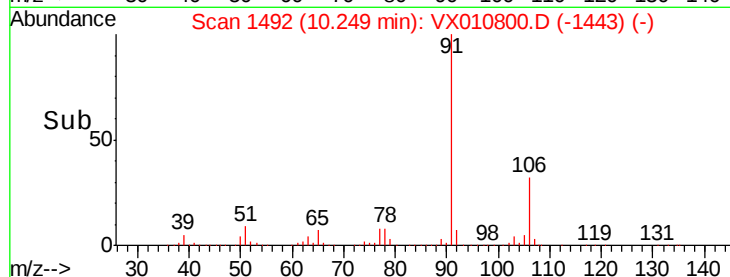
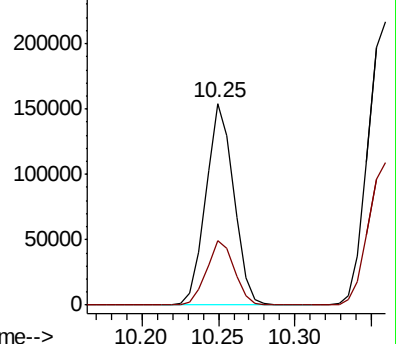
91 100

106 31.9 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.588 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010800.D

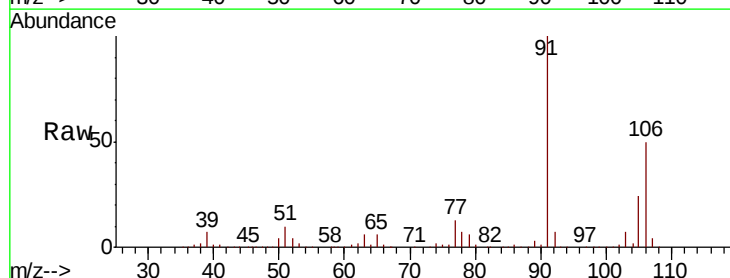
Acq: 11 Jul 2019 12:30

Tgt Ion: 106 Resp: 149302

Ion Ratio Lower Upper

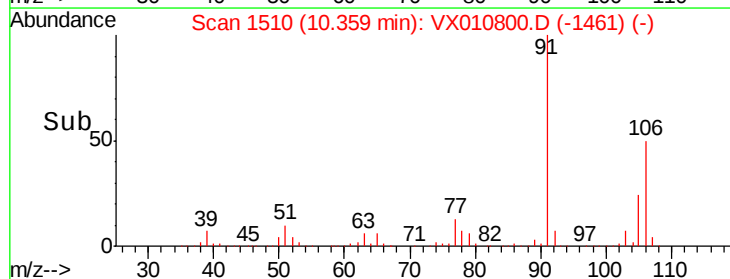
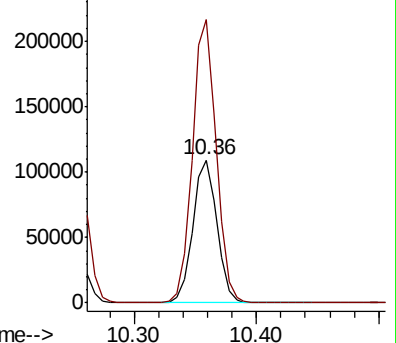
106 100

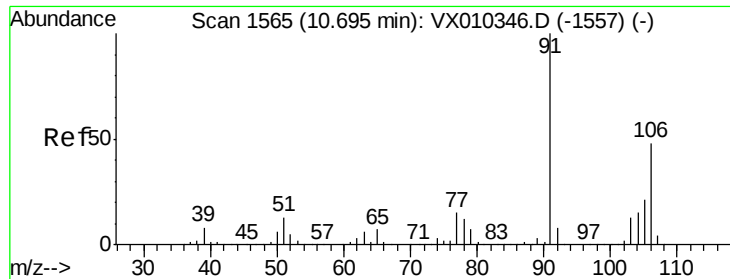
91 196.0 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

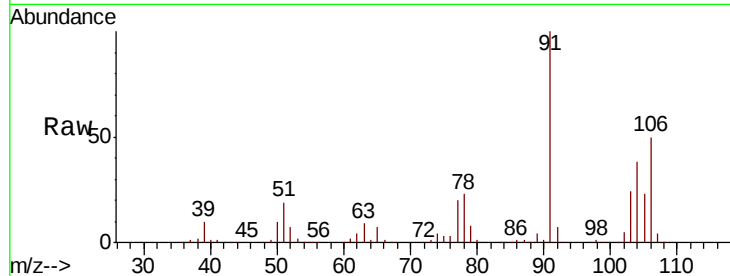




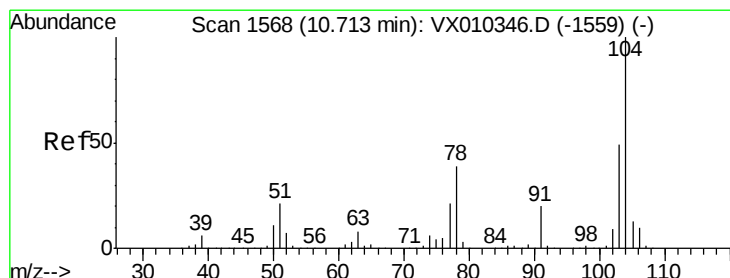
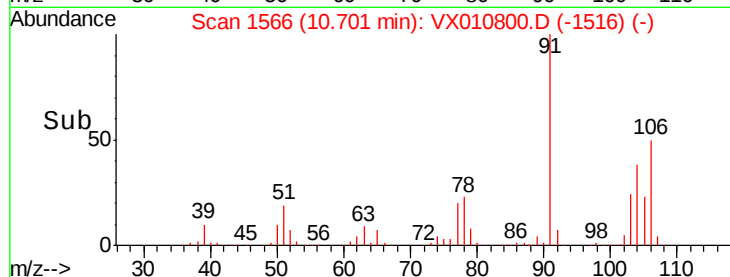
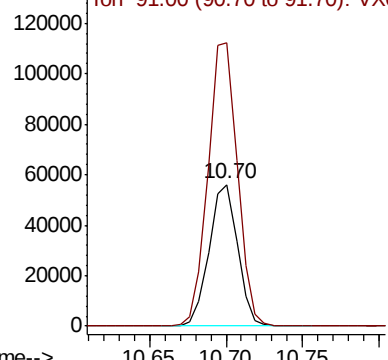
#69
o-Xylene
Concen: 18.641 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

Tot Ion:106 Resp: 72813
Ion Ratio Lower Upper
106 100
91 206.2 102.7 308.1

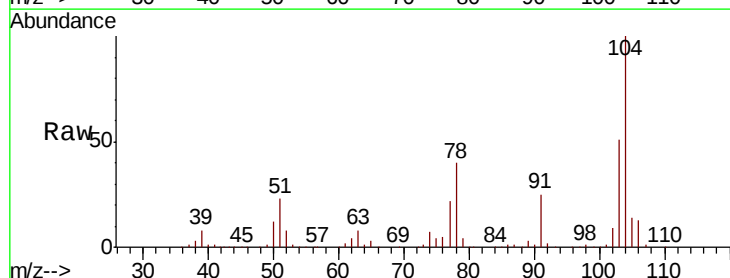


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

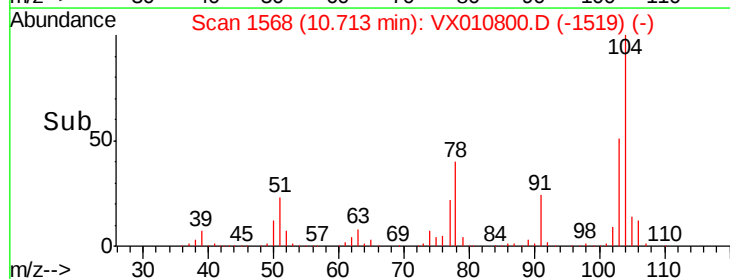
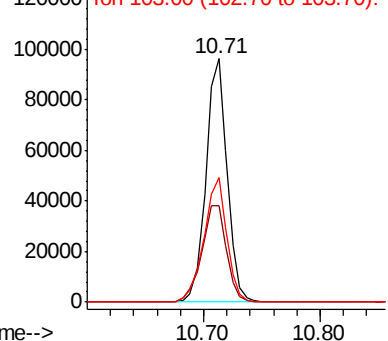


#70
Styrene
Concen: 18.608 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion:104 Resp: 121899
Ion Ratio Lower Upper
104 100
78 46.4 36.2 54.2
103 55.4 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: 15.494 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

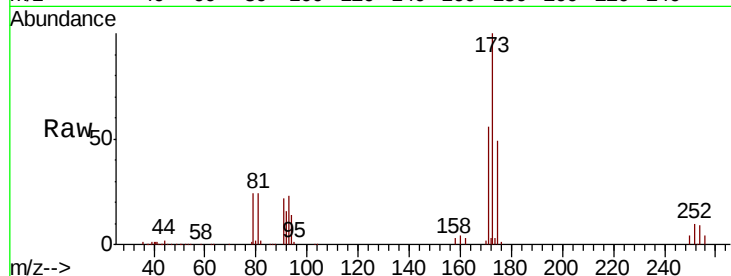
Tot Ion:173 Resp: 29801

Ion Ratio Lower Upper

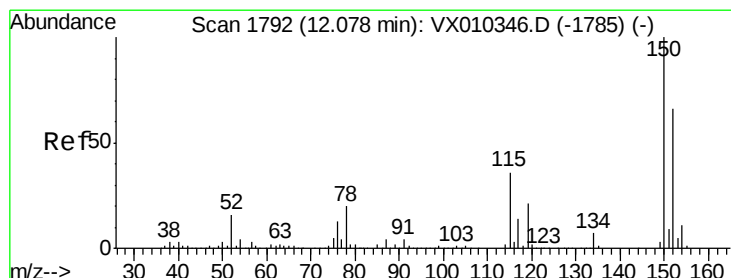
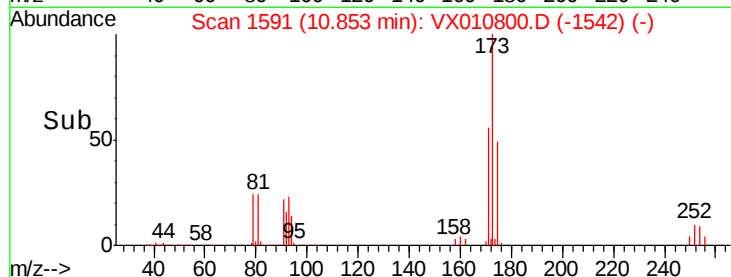
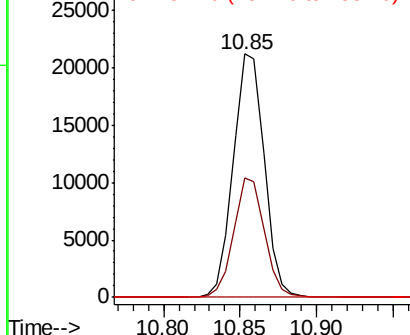
173 100

175 48.5 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: VX010800.D

Acq: 11 Jul 2019 12:30

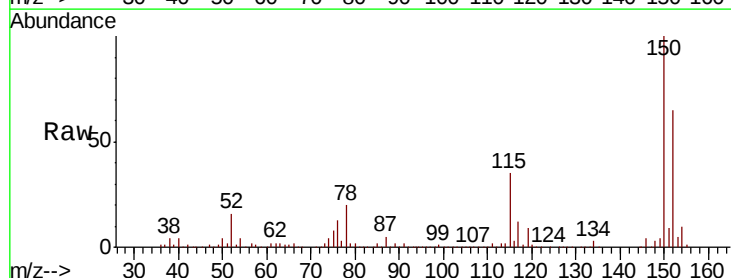
Tgt Ion:152 Resp: 153339

Ion Ratio Lower Upper

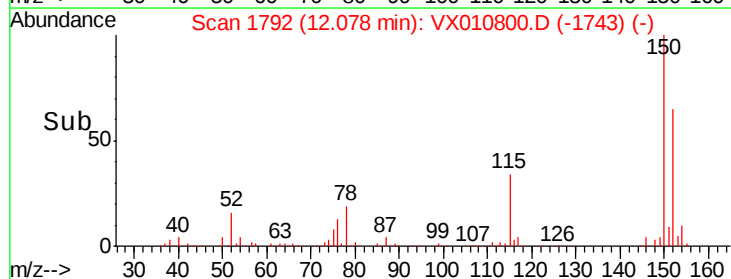
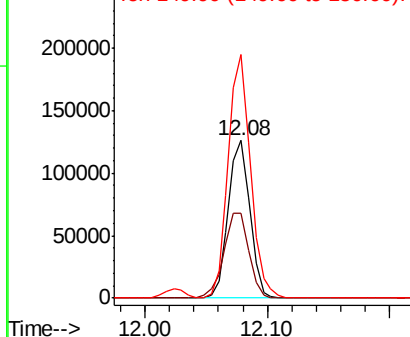
152 100

115 62.8 38.6 115.7

150 159.7 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

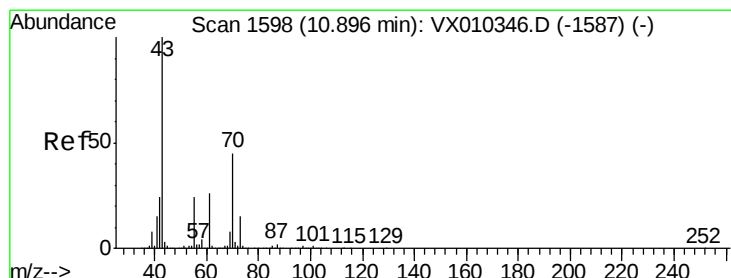
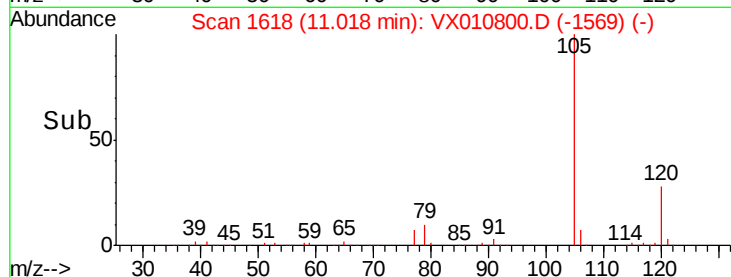
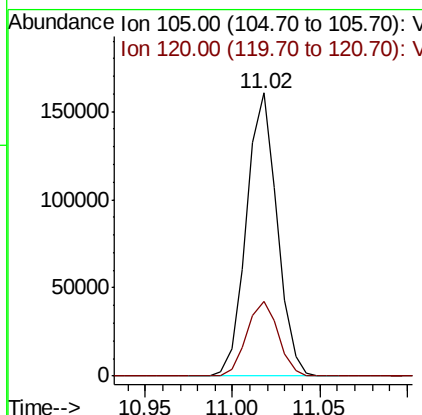
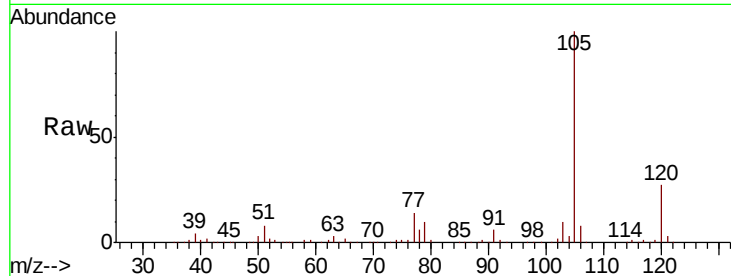




#73
Isopropylbenzene
Concen: 18.834 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

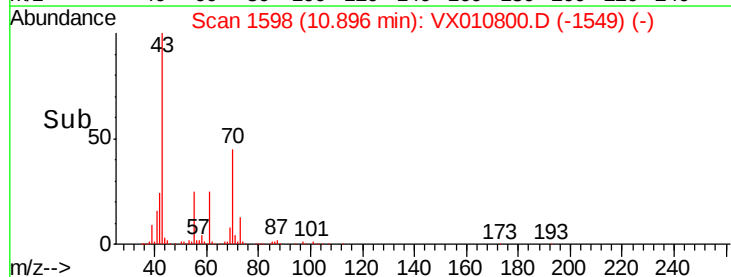
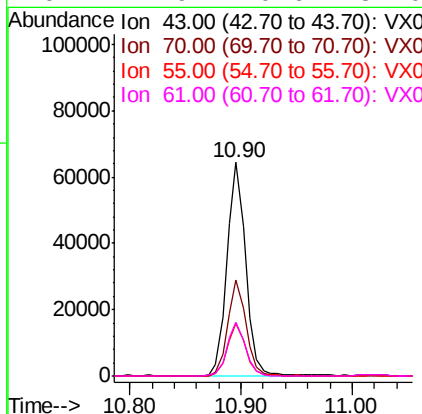
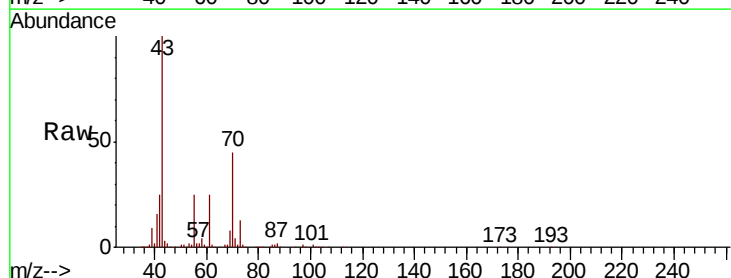
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

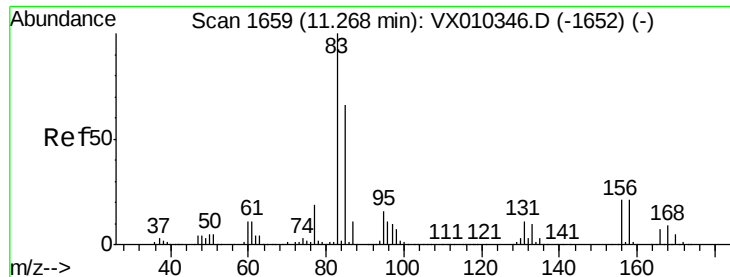
Tot Ion:105 Resp: 195767
Ion Ratio Lower Upper
105 100
120 27.2 14.1 42.4



#74
N-ethyl acetate
Concen: 18.939 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 43 Resp: 74399
Ion Ratio Lower Upper
43 100
70 44.3 36.6 54.8
55 24.5 18.7 28.1
61 24.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.071 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

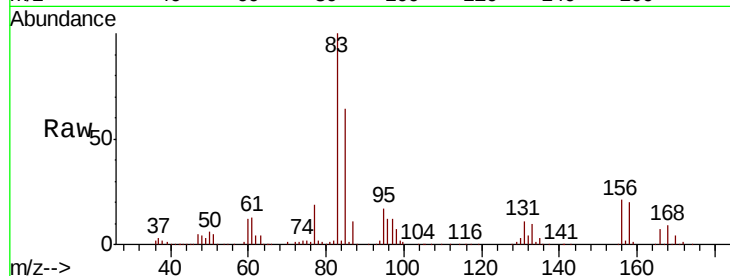
Tot Ion: 83 Resp: 65648

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

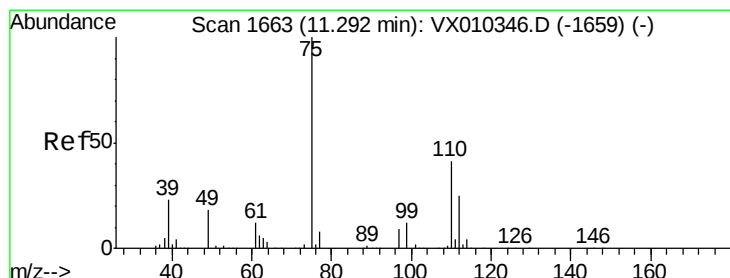
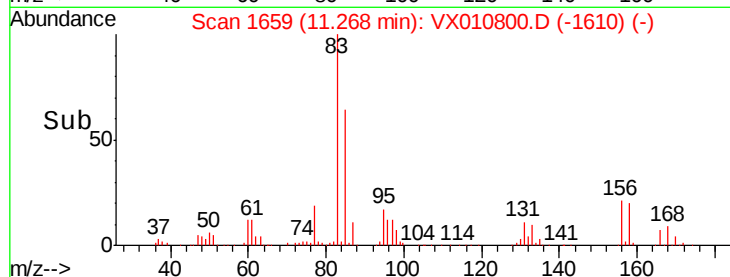
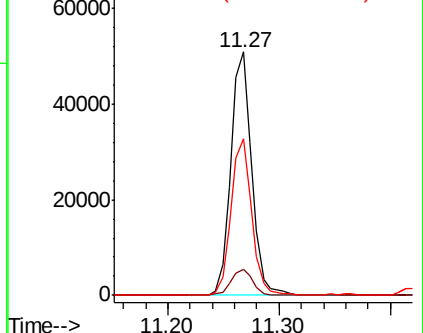
85 64.0 32.3 96.8



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: 24.029 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010800.D

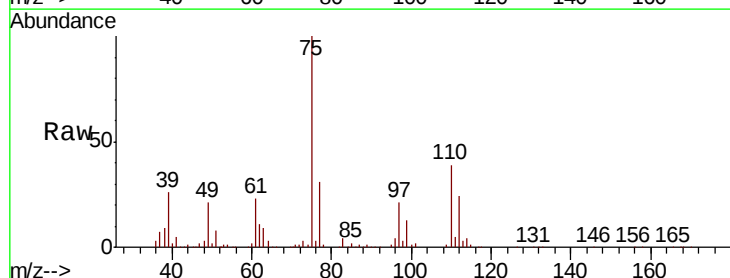
Acq: 11 Jul 2019 12:30

Tgt Ion: 75 Resp: 67142

Ion Ratio Lower Upper

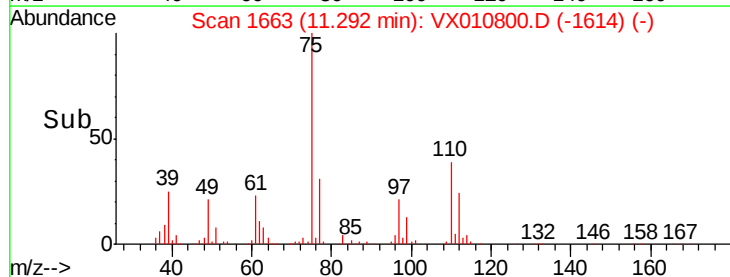
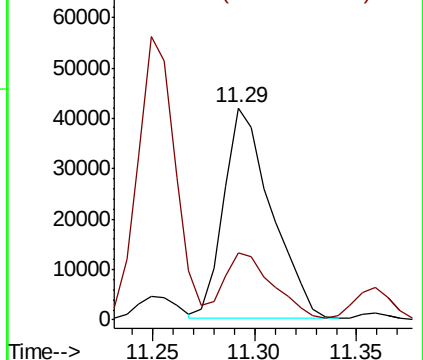
75 100

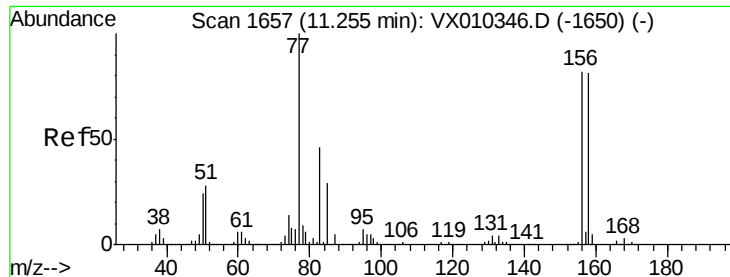
77 33.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.302 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

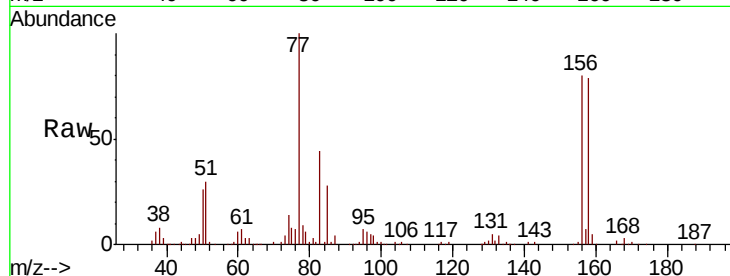
Tot Ion:156 Resp: 53121

Ion Ratio Lower Upper

156 100

77 135.0 66.3 198.7

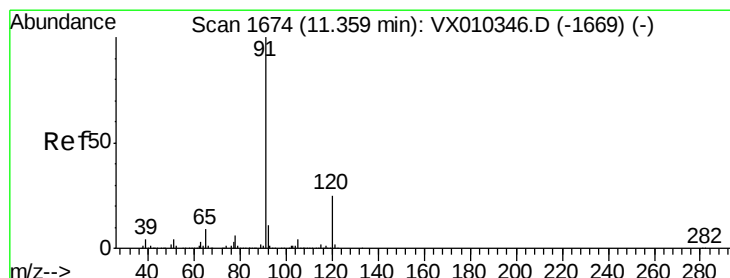
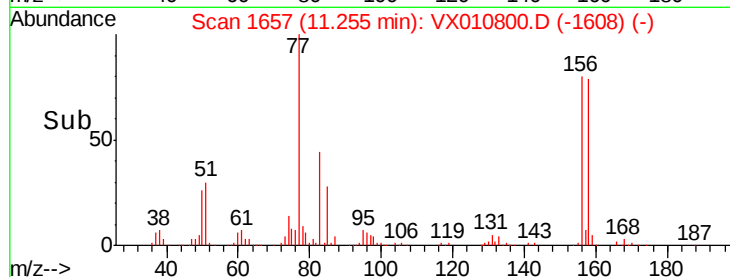
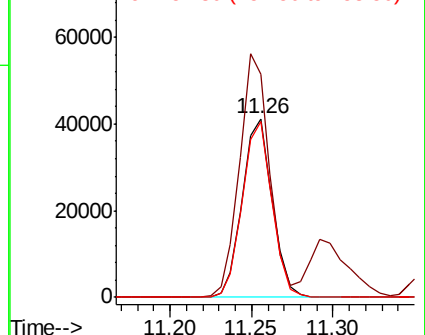
158 97.3 48.9 146.7



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: 18.592 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010800.D

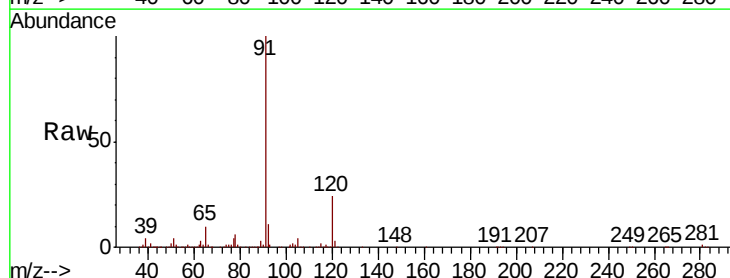
Acq: 11 Jul 2019 12:30

Tgt Ion: 91 Resp: 212391

Ion Ratio Lower Upper

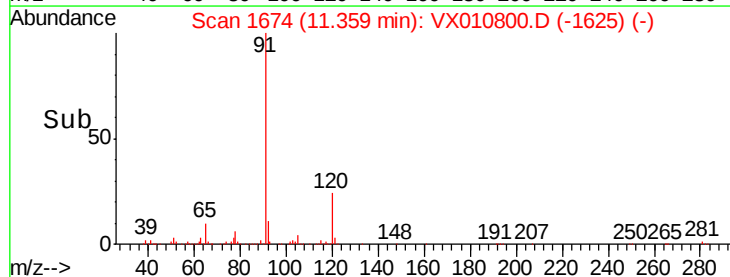
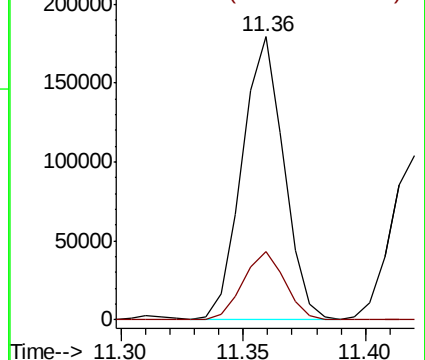
91 100

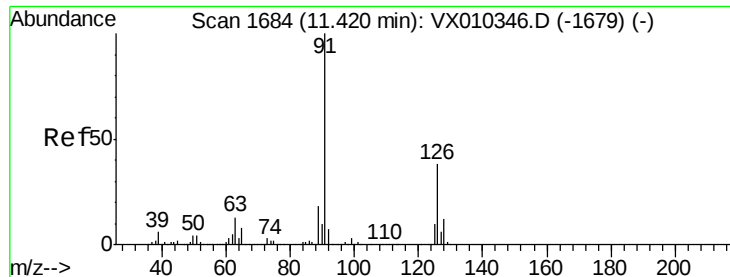
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.587 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

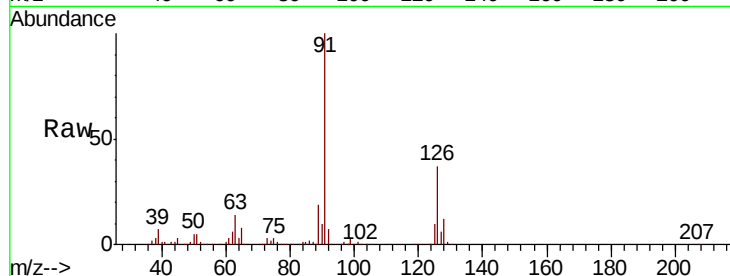
VX0711MBS01

Tot Ion: 91 Resp: 126444

Ion Ratio Lower Upper

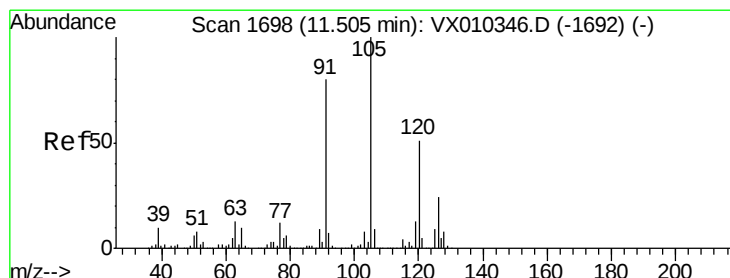
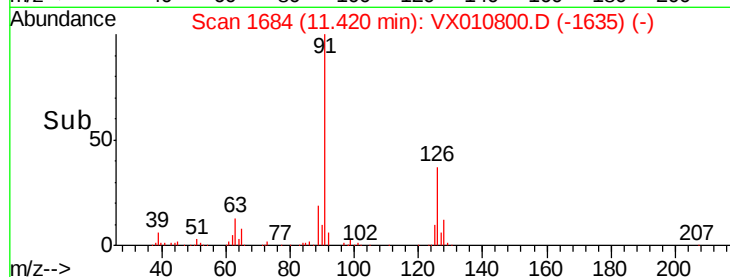
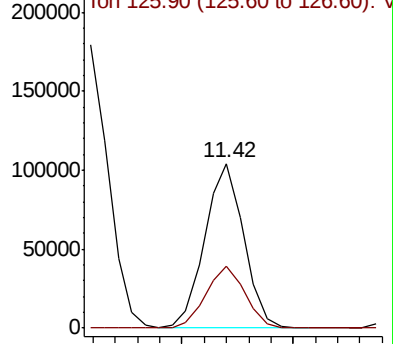
91 100

126 38.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.680 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010800.D

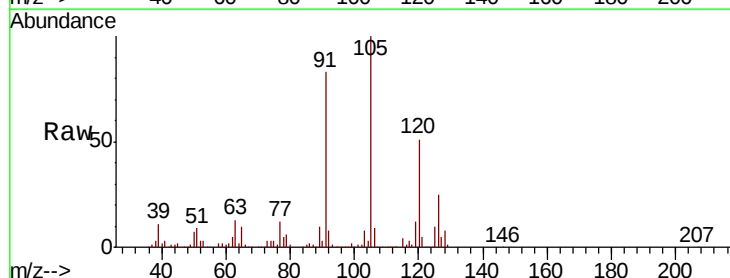
Acq: 11 Jul 2019 12:30

Tgt Ion: 105 Resp: 160067

Ion Ratio Lower Upper

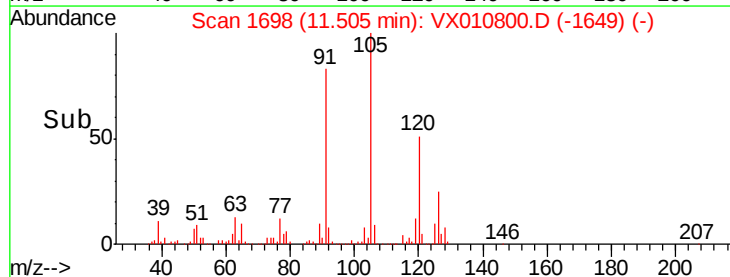
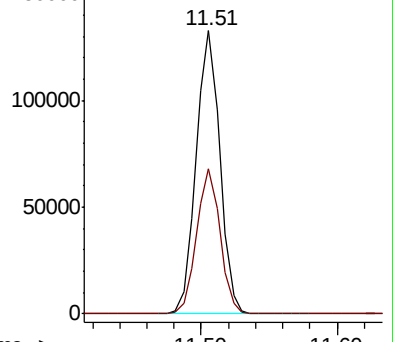
105 100

120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)

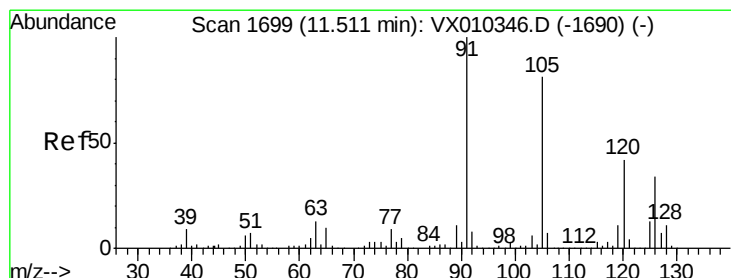
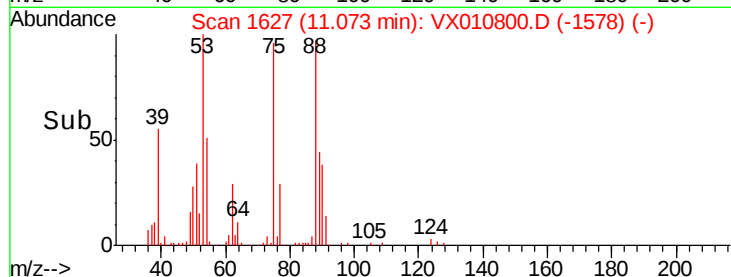
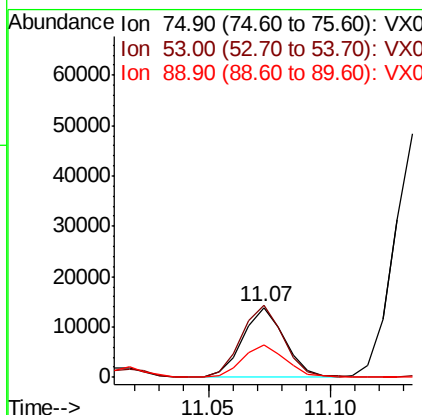
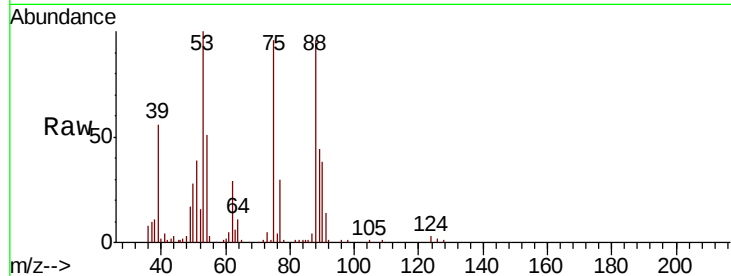




#81
trans-1,4-Dichloro-2-butene
Concen: 13.929 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

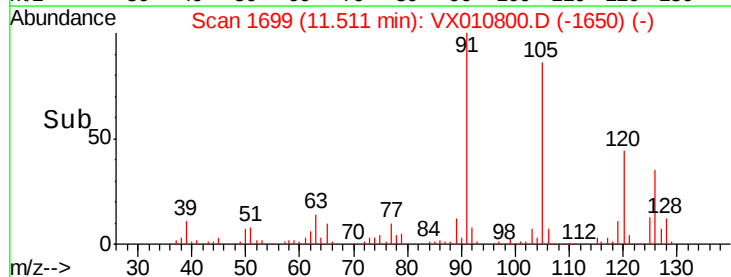
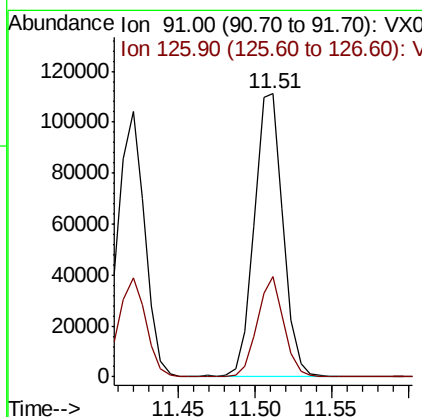
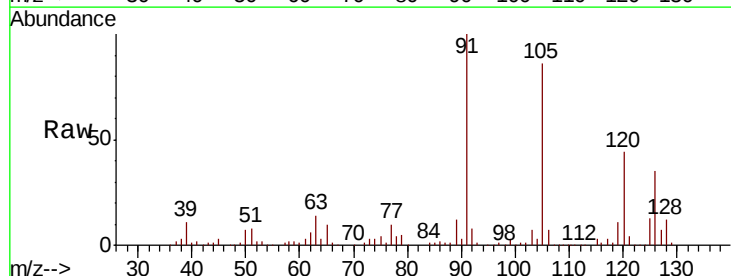
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

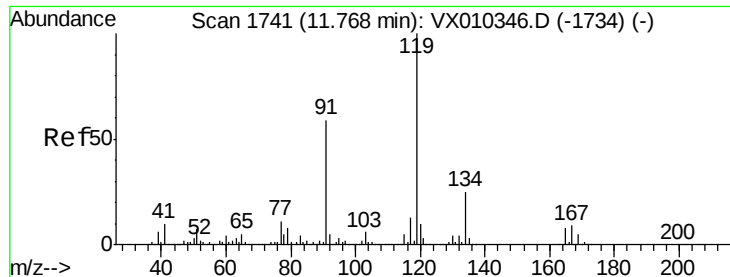
Tot Ion: 75 Resp: 16683
Ion Ratio Lower Upper
75 100
53 104.2 66.1 99.1#
89 47.5 37.8 56.6



#82
4-Chlorotoluene
Concen: 18.715 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 91 Resp: 144866
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

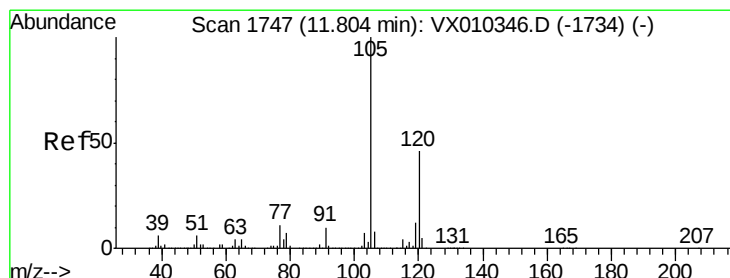
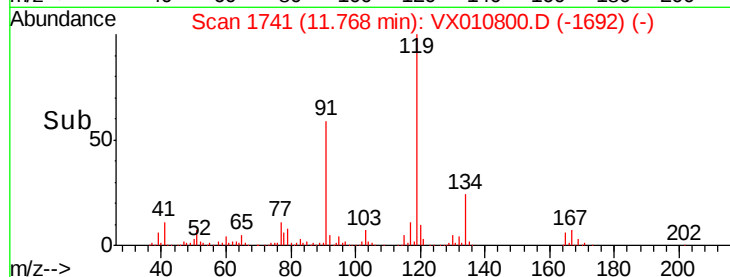
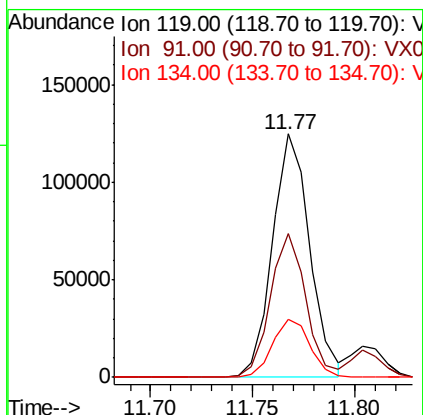
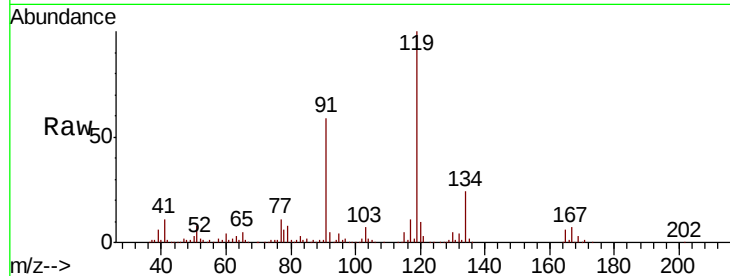




#83
tert-Butylbenzene
Concen: 18.444 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

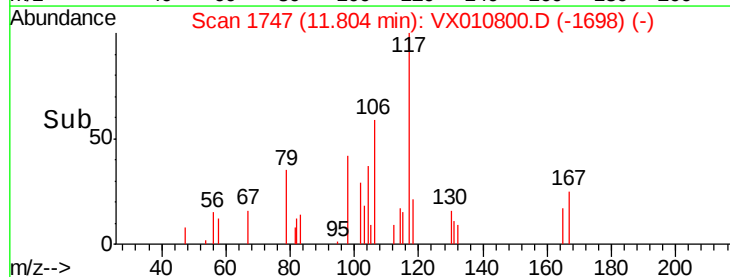
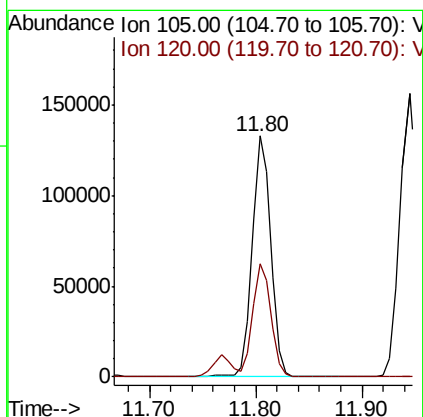
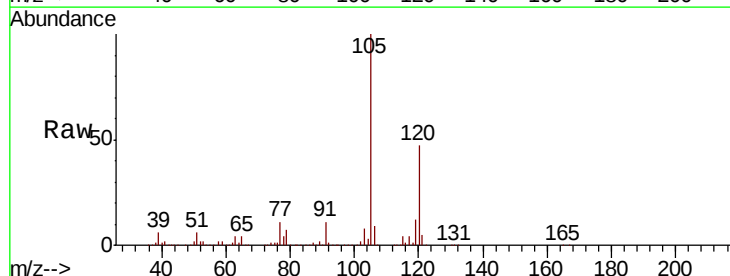
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

Tot Ion:119 Resp: 158630
Ion Ratio Lower Upper
119 100
91 56.6 27.6 82.7
134 23.9 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 18.947 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion:105 Resp: 163119
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

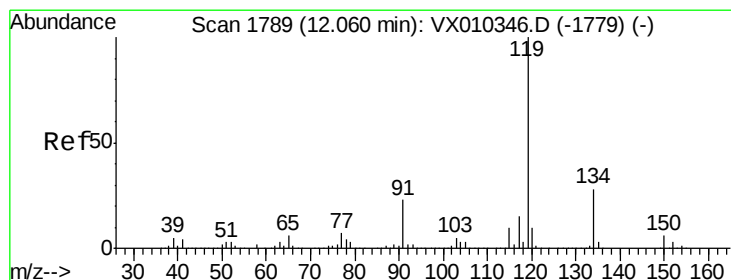
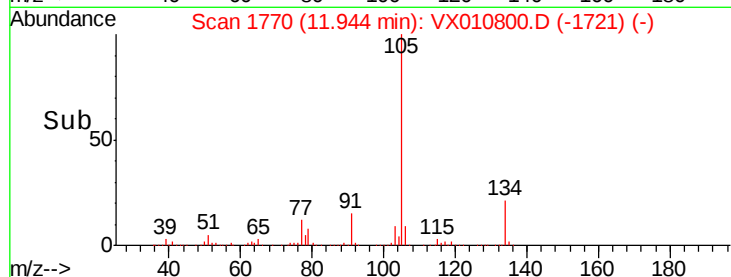
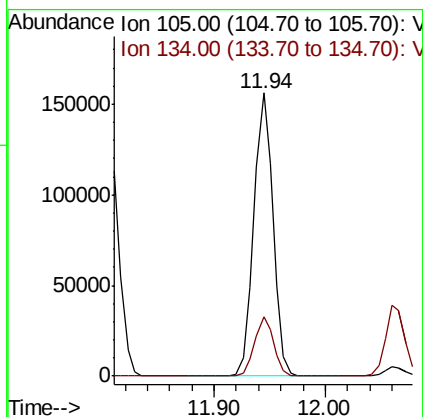
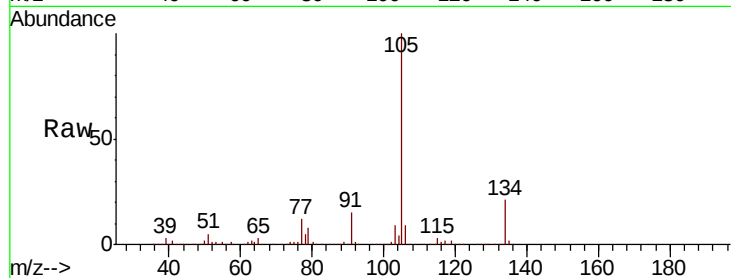




#85
 sec-Butylbenzene
 Concen: 18.607 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

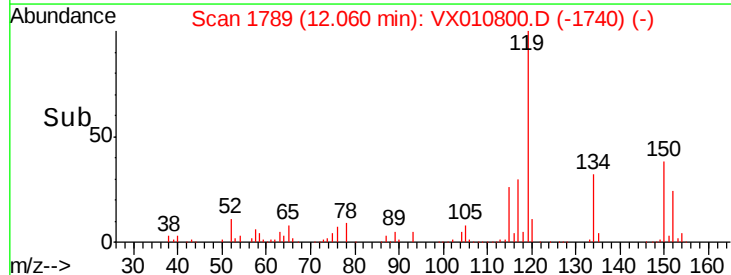
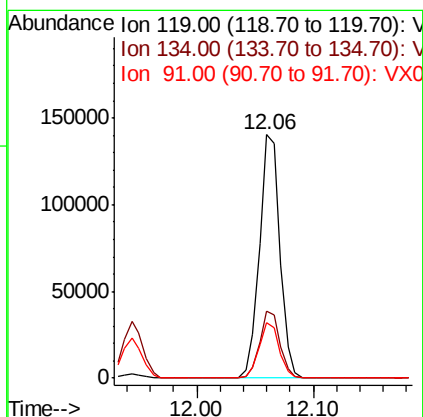
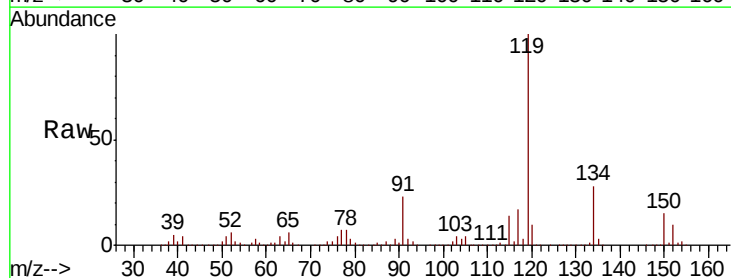
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

Tot Ion:105 Resp: 187898
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 18.517 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion:119 Resp: 172957
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.7 41.1
 91 22.8 11.3 33.8

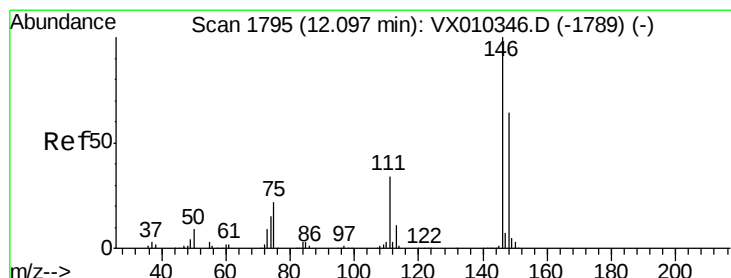
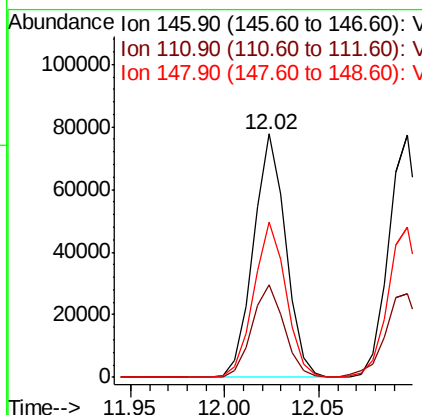
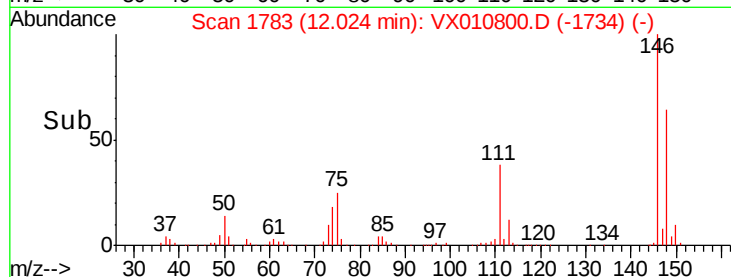
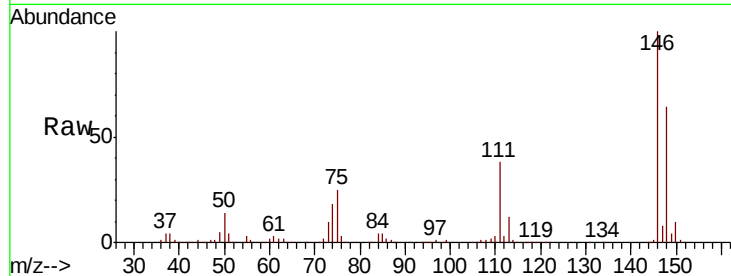




#87
 1,3-Dichlorobenzene
 Concen: 18.193 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

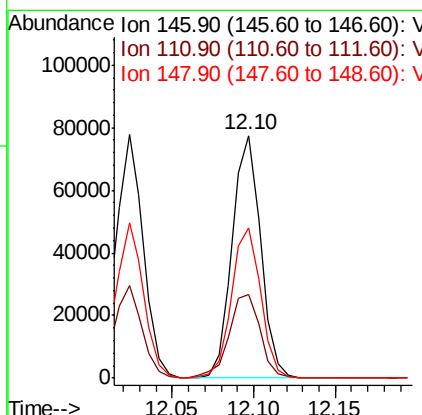
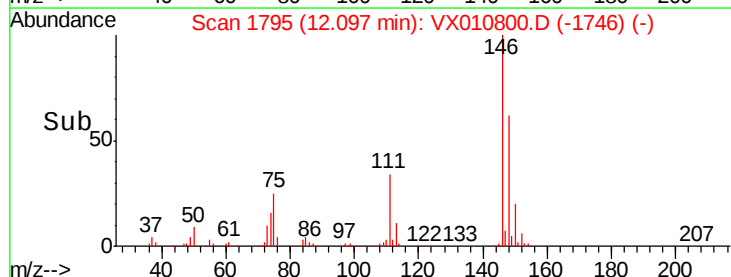
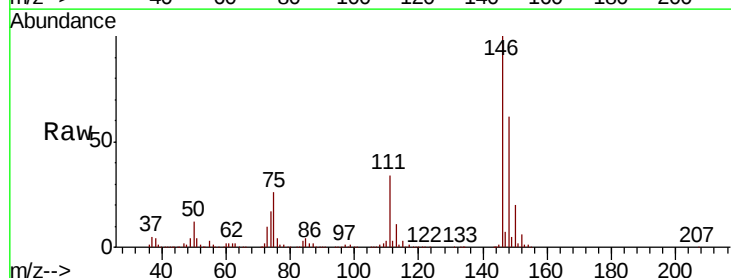
Instrument :
 MSVOA_X
 ClientSampled :
 VX0711MBS01

Tot Ion:146 Resp: 92175
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 63.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.232 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion:146 Resp: 94037
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.3
 148 63.6 32.1 96.3

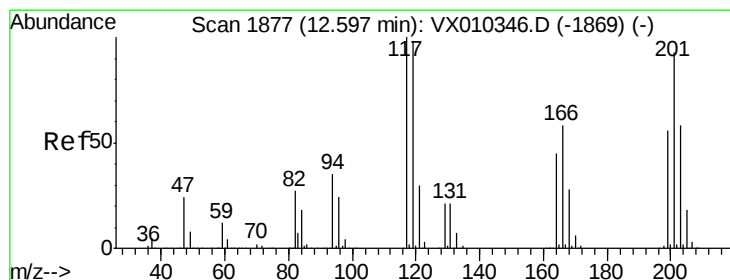
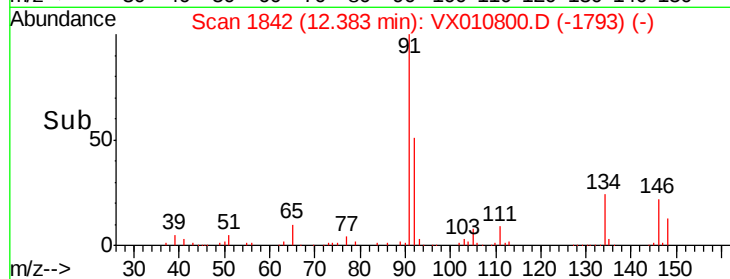
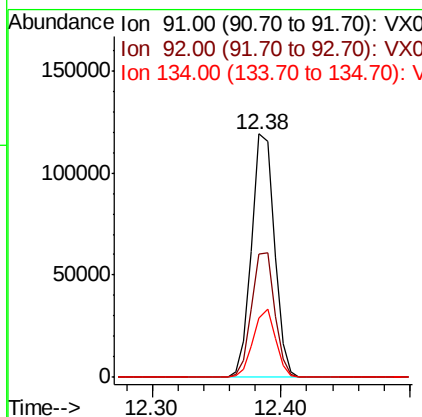
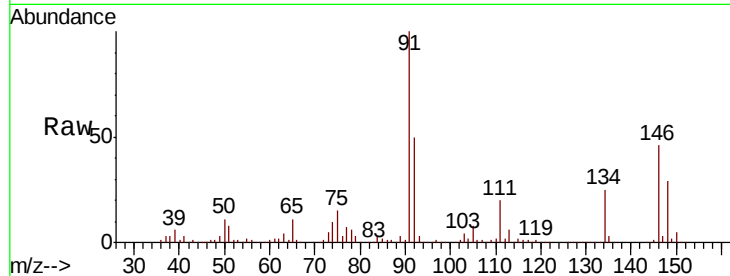




#89
n-Butylbenzene
Concen: 18.280 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

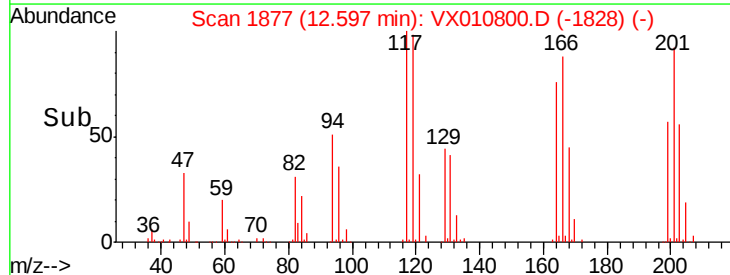
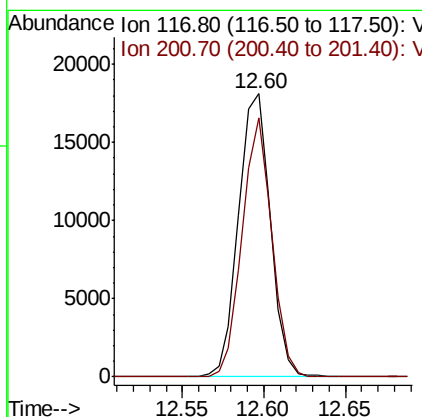
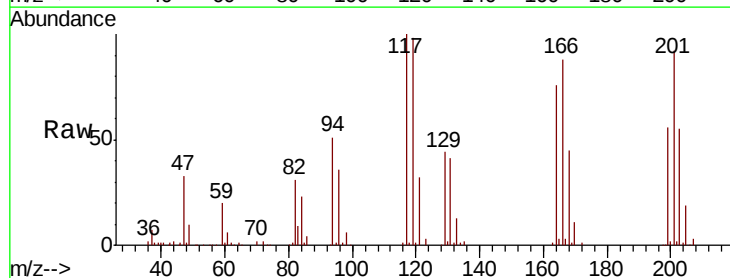
Instrument :
MSVOA_X
ClientSampleId :
VX0711MBS01

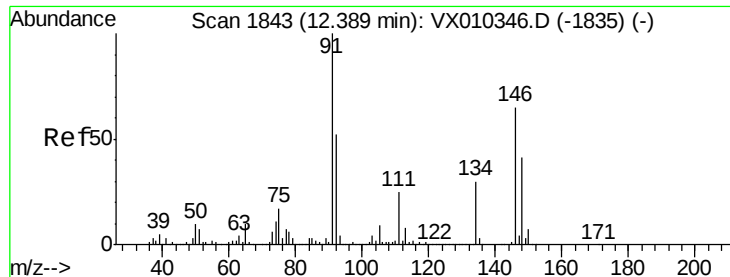
Tot Ion: 91 Resp: 145093
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 27.2 14.1 42.4



#90
Hexachloroethane
Concen: 15.285 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010800.D
Acq: 11 Jul 2019 12:30

Tgt Ion: 117 Resp: 24687
Ion Ratio Lower Upper
117 100
201 85.2 44.0 131.8

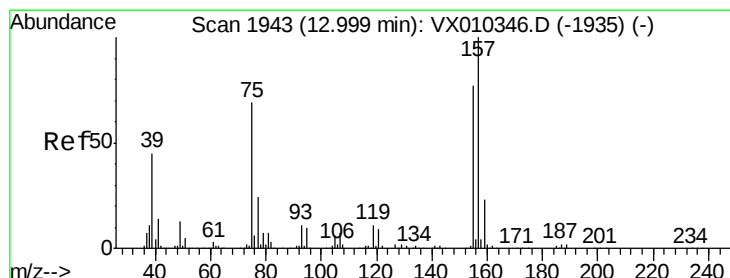
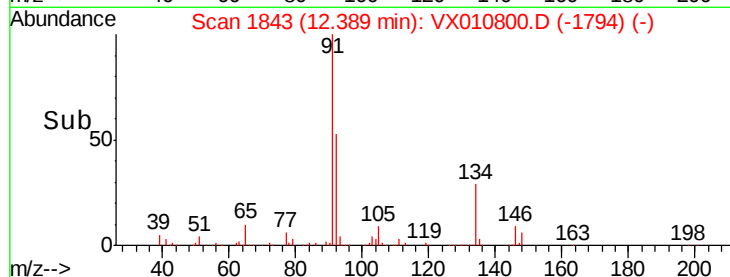
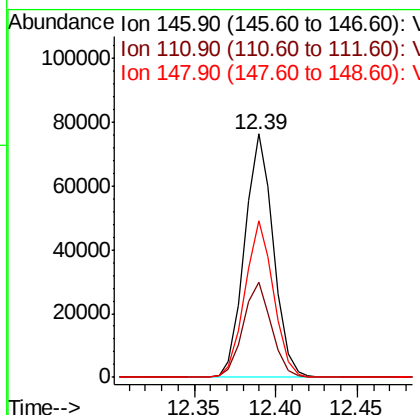
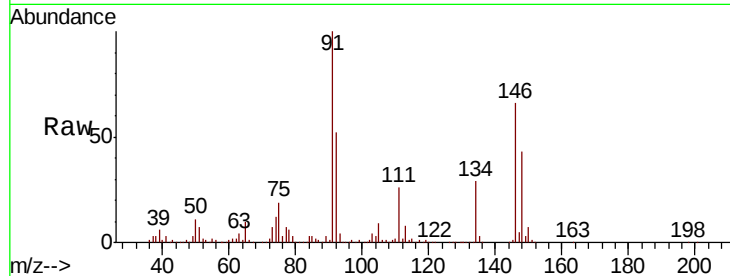




#91
 1,2-Dichlorobenzene
 Concen: 18.588 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

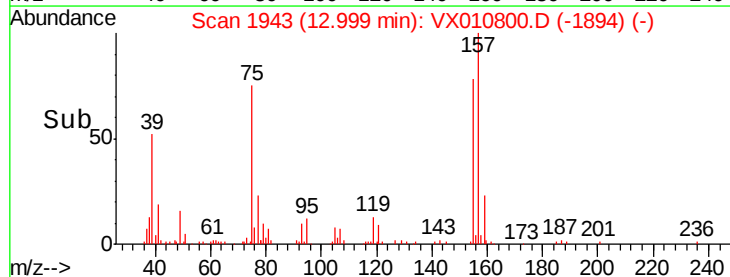
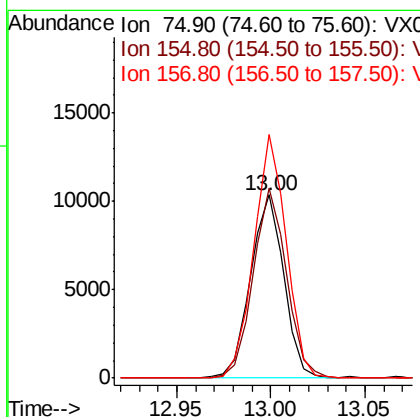
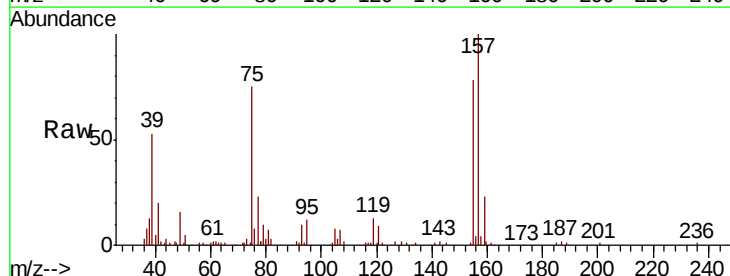
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

Tot Ion:146 Resp: 93596
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.2 57.6
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.090 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion: 75 Resp: 12684
 Ion Ratio Lower Upper
 75 100
 155 103.5 54.4 163.1
 157 129.3 69.5 208.3

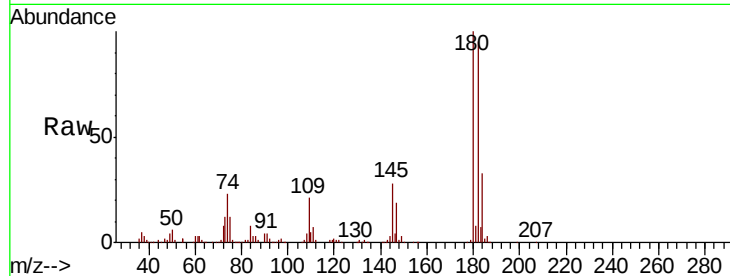




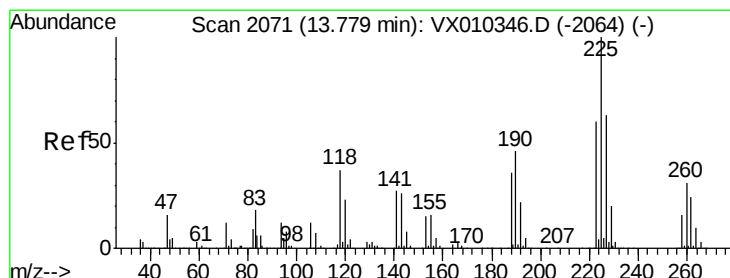
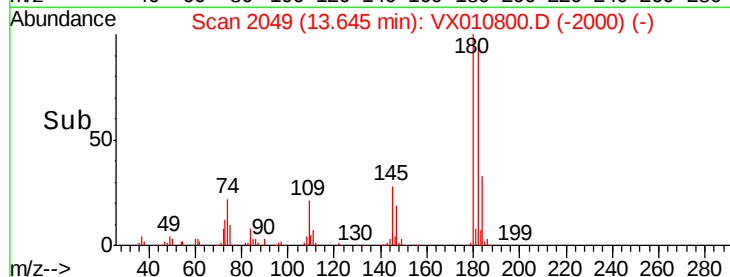
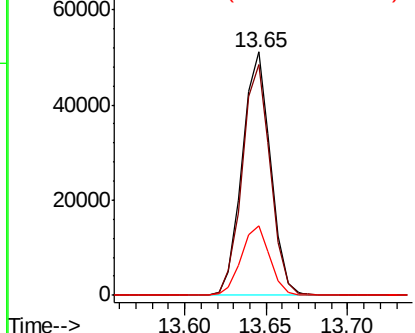
#93
 1,2,4-Trichlorobenzene
 Concen: 17.716 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

Tot Ion:180 Resp: 61864
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.0 144.0
 145 28.7 14.4 43.4

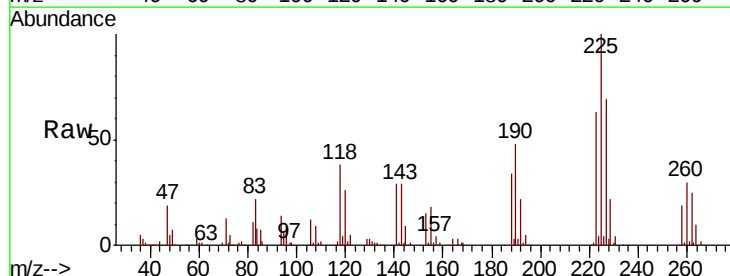


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

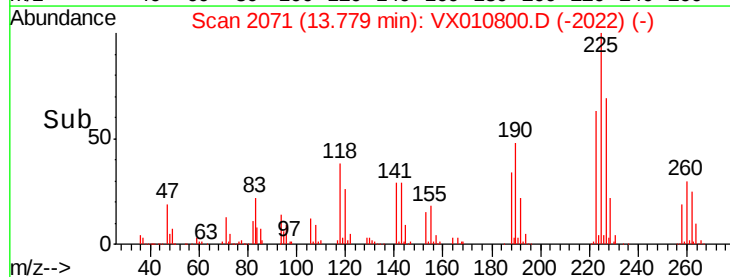
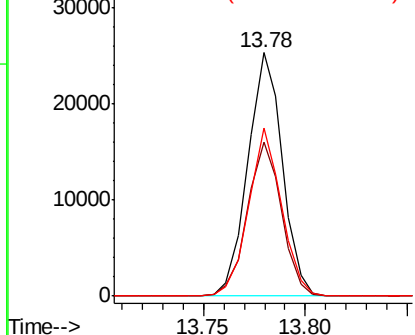


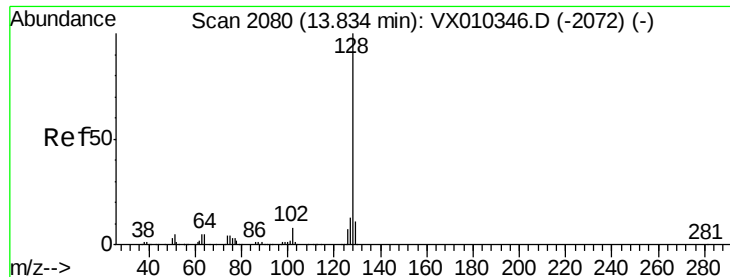
#94
 Hexachlorobutadiene
 Concen: 17.507 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010800.D
 Acq: 11 Jul 2019 12:30

Tgt Ion:225 Resp: 29878
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.7
 227 65.7 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: 17.526 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0711MBS01

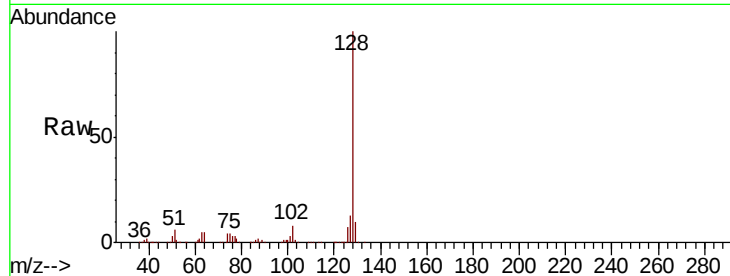
Tot Ion:128 Resp: 188072

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

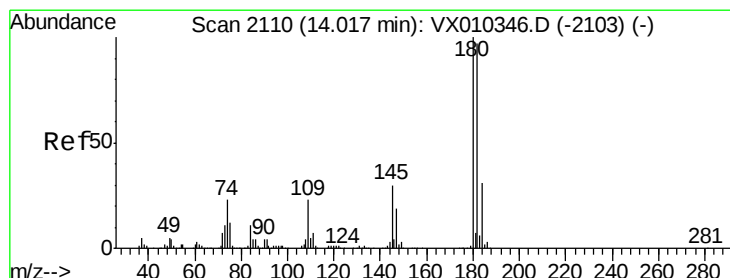
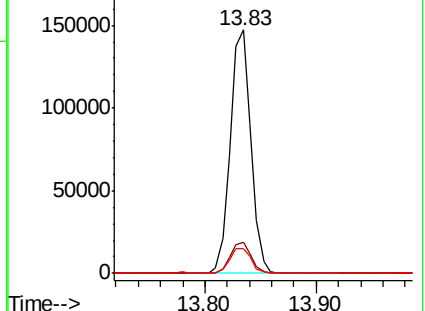
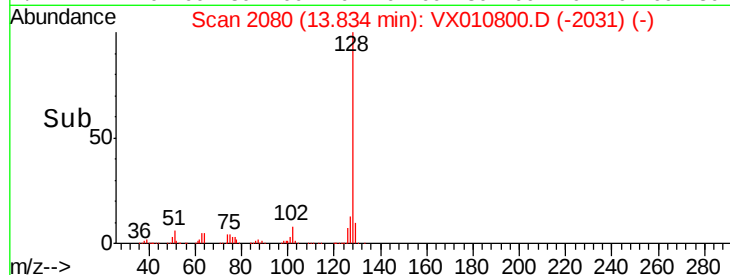
129 10.9 8.9 13.3



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: 18.237 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010800.D

Acq: 11 Jul 2019 12:30

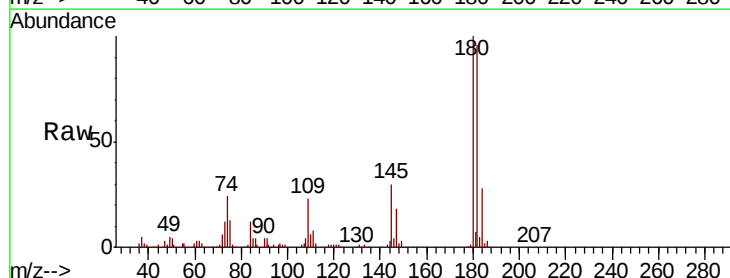
Tgt Ion:180 Resp: 63315

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 29.7 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

