

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010855.D
 Acq On : 12 Jul 2019 23:02
 Operator : JC/SP
 Sample : VX0712WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Quant Time: Jul 13 05:14:17 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	5.67	168	200271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	100830	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	
35) Dibromofluoromethane	5.49	113	95648	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
50) Toluene-d8	8.71	98	350291	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	127660	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31451	22.589	ug/l	99
3) Chloromethane	1.33	50	33511	20.669	ug/l	99
4) Vinyl Chloride	1.41	62	36457	20.530	ug/l	98
5) Bromomethane	1.64	94	22370	25.857	ug/l	100
6) Chloroethane	1.72	64	24016	22.923	ug/l	98
7) Trichlorofluoromethane	1.93	101	64145	22.786	ug/l	96
8) Diethyl Ether	2.19	74	22579	22.366	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35549	20.838	ug/l	98
10) Methyl Iodide	2.51	142	39713	16.312	ug/l	98
11) Tert butyl alcohol	3.04	59	46418	94.472	ug/l	98
12) 1,1-Dichloroethene	2.37	96	36175	20.839	ug/l	98
13) Acrolein	2.29	56	36810	112.933	ug/l	99
14) Allyl chloride	2.73	41	50820	20.621	ug/l	97
15) Acrylonitrile	3.14	53	106477	109.454	ug/l	100
16) Acetone	2.44	43	85850	91.226	ug/l	97
17) Carbon Disulfide	2.57	76	81934	17.593	ug/l	99
18) Methyl Acetate	2.78	43	43141	23.001	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	119144	21.817	ug/l	98
20) Methylene Chloride	2.85	84	41534	21.446	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38058	20.385	ug/l	94
22) Diisopropyl ether	3.85	45	114023	22.129	ug/l	98
23) Vinyl Acetate	3.82	43	487782	109.580	ug/l	97
24) 1,1-Dichloroethane	3.70	63	65325	21.933	ug/l	99
25) 2-Butanone	4.67	43	143073	103.644	ug/l	100
26) 2,2-Dichloropropane	4.58	77	41633	16.091	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45659	21.163	ug/l	99
28) Bromochloromethane	5.02	49	27433	19.264	ug/l	95
29) Tetrahydrofuran	5.12	42	93918	109.840	ug/l	97
30) Chloroform	5.21	83	70008	21.846	ug/l	96
31) Cyclohexane	5.58	56	56913	20.983	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	59196	20.920	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47774	19.562	ug/l	100
37) Ethyl Acetate	4.83	43	54326	21.623	ug/l	98
38) Carbon Tetrachloride	5.78	117	49126	18.576	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60956	18.988	ug/l	99
40) Benzene	6.14	78	156364	20.551	ug/l	98
41) Methacrylonitrile	5.04	41	28387	20.592	ug/l	97
42) 1,2-Dichloroethane	6.19	62	53145	22.946	ug/l	98
43) Isopropyl Acetate	6.45	43	85362	20.536	ug/l	98
44) Trichloroethene	7.21	130	45409	19.945	ug/l	94
45) 1,2-Dichloropropane	7.51	63	40678	21.171	ug/l	95
46) Dibromomethane	7.66	93	28629	20.768	ug/l	96
47) Bromodichloromethane	7.90	83	48394	19.156	ug/l	94
48) Methyl methacrylate	7.77	41	40696	21.063	ug/l	99
49) 1,4-Dioxane	7.74	88	24541	440.915	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	288982	108.701	ug/l	97
52) Toluene	8.78	92	101054	20.168	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	49888	17.613	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	57753	18.763	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43219	20.915	ug/l	97
56) Ethyl methacrylate	9.18	69	62958	20.112	ug/l	96
57) 1,3-Dichloropropane	9.37	76	67455	21.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	130672	87.894	ug/l	99
59) 2-Hexanone	9.49	43	220720	105.490	ug/l	99
60) Dibromochloromethane	9.58	129	41478	17.927	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44789	20.080	ug/l	100
64) Tetrachloroethene	9.34	164	44336	19.670	ug/l	98
65) Chlorobenzene	10.13	112	114545	20.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40017	19.419	ug/l	100
67) Ethyl Benzene	10.25	91	195695	20.489	ug/l	97
68) m/p-Xylenes	10.36	106	150617	40.698	ug/l	99
69) o-Xylene	10.69	106	74397	20.442	ug/l	99
70) Styrene	10.71	104	123189	20.184	ug/l	98
71) Bromoform	10.85	173	30075	16.782	ug/l #	99
73) Isopropylbenzene	11.02	105	198336	20.387	ug/l	98
74) N-amyl acetate	10.90	43	76482	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66565	20.660	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67009	25.623	ug/l	82
77) Bromobenzene	11.25	156	53446	19.675	ug/l	98
78) n-propylbenzene	11.36	91	217033	20.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	130459	20.490	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164549	20.517	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15538	13.861	ug/l #	84
82) 4-Chlorotoluene	11.51	91	148448	20.490	ug/l	100
83) tert-Butylbenzene	11.77	119	162042	20.130	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	163912	20.342	ug/l	100
85) sec-Butylbenzene	11.94	105	190938	20.202	ug/l	99
86) p-Isopropyltoluene	12.06	119	174484	19.959	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	94484	19.926	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	95740	19.832	ug/l	99
89) n-Butylbenzene	12.38	91	145320	19.562	ug/l	99
90) Hexachloroethane	12.59	117	25454	16.839	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	95188	20.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13027	18.753	ug/l	93

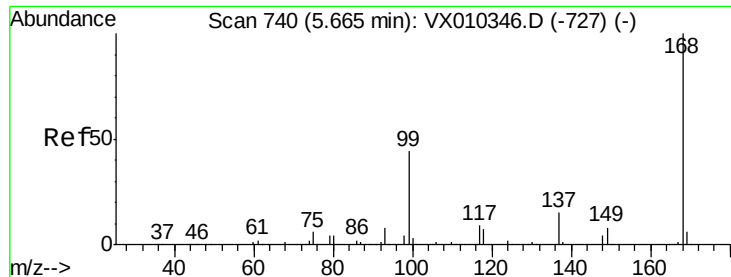
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61500	18.817	ug/l	98
94) Hexachlorobutadiene	13.78	225	30225	18.923	ug/l	98
95) Naphthalene	13.83	128	199969	19.910	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65698	20.218	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

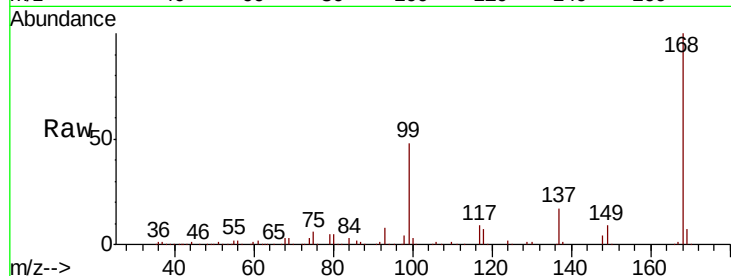
VX0712WBS03

Tot Ion:168 Resp: 200271

Ion Ratio Lower Upper

168 100

99 47.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

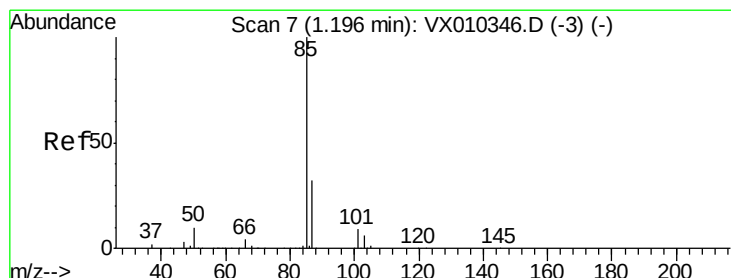
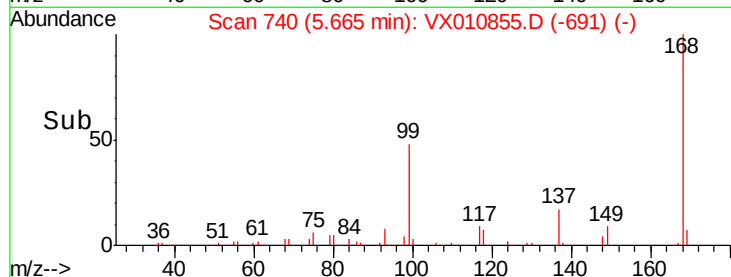
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.589 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010855.D

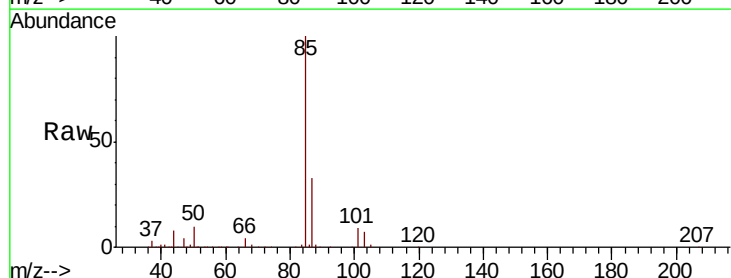
Acq: 12 Jul 2019 23:02

Tgt Ion: 85 Resp: 31451

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

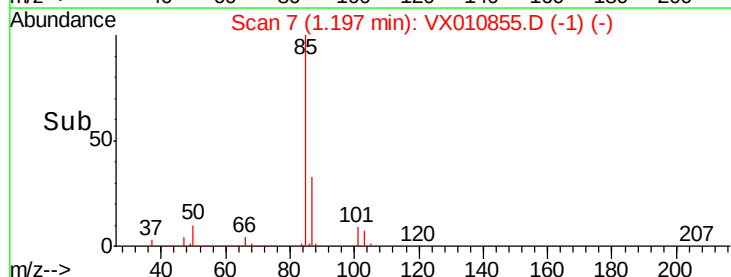
30000

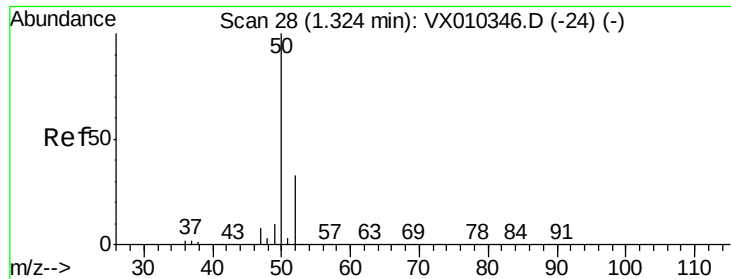
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

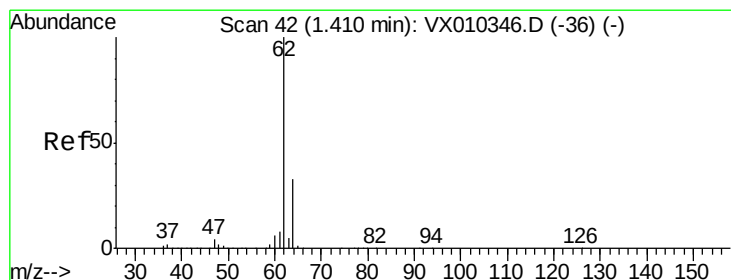
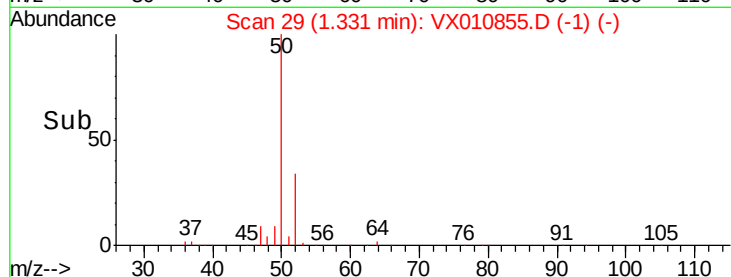
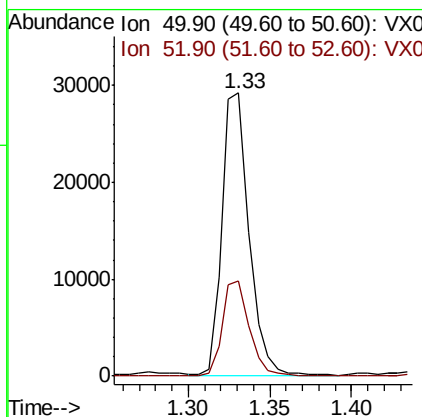
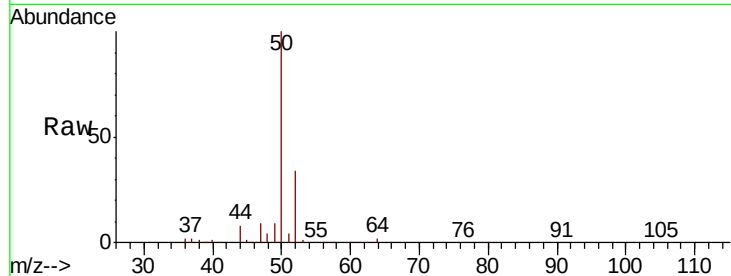




#3
Chloromethane
Concen: 20.669 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

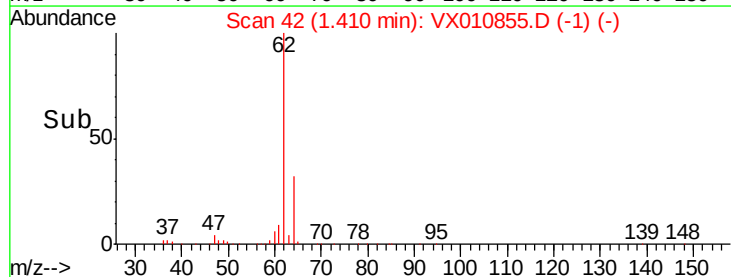
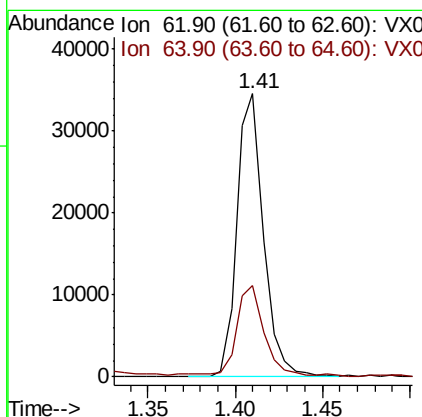
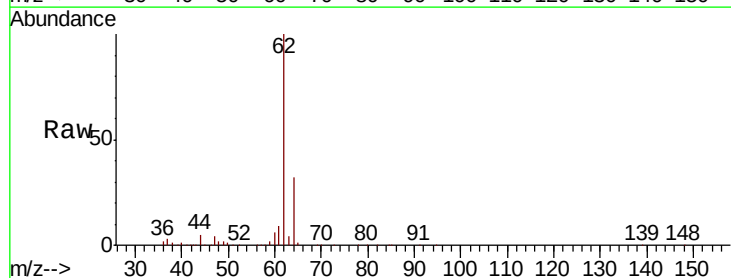
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

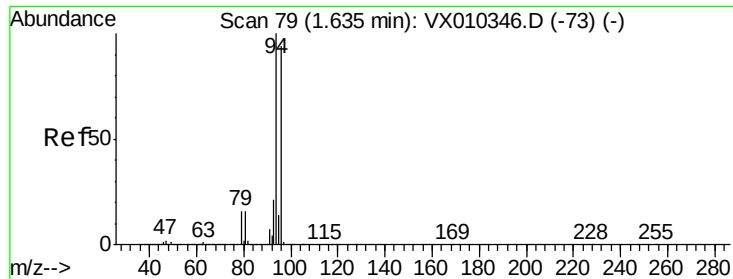
Tot Ion: 50 Resp: 33511
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 20.530 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 62 Resp: 36457
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4





#5

Bromomethane

Concen: 25.857 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

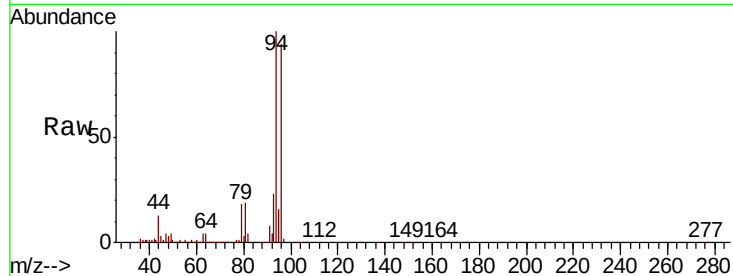
VX0712WBS03

Tot Ion: 94 Resp: 22370

Ion Ratio Lower Upper

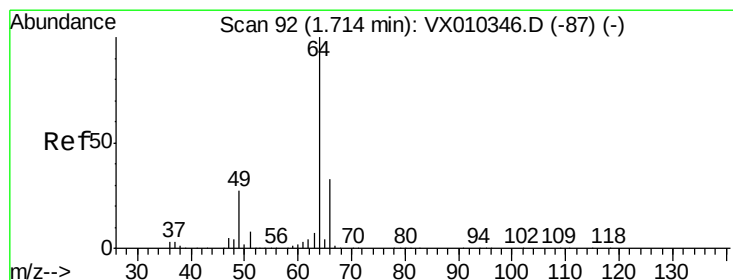
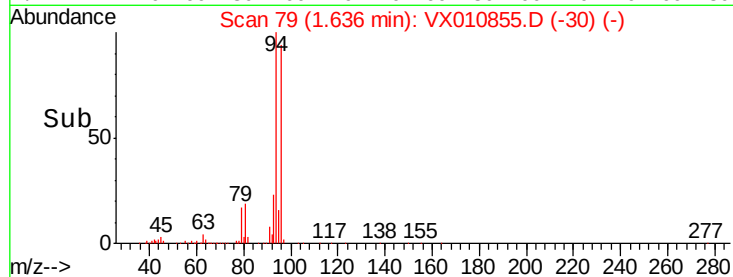
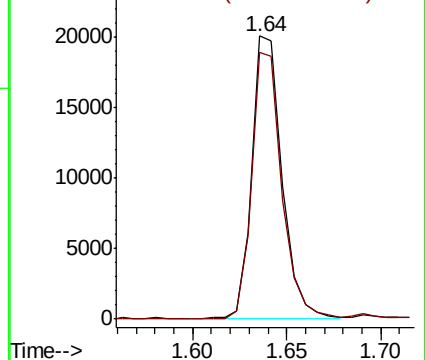
94 100

96 94.1 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: 22.923 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010855.D

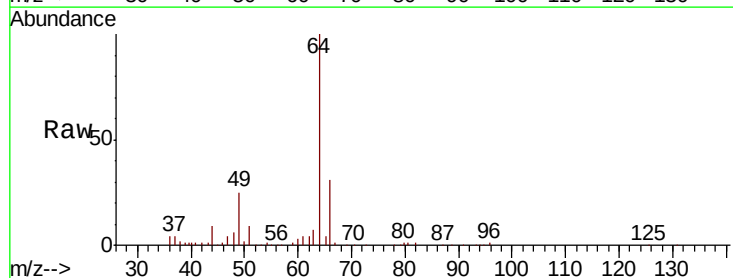
Acq: 12 Jul 2019 23:02

Tgt Ion: 64 Resp: 24016

Ion Ratio Lower Upper

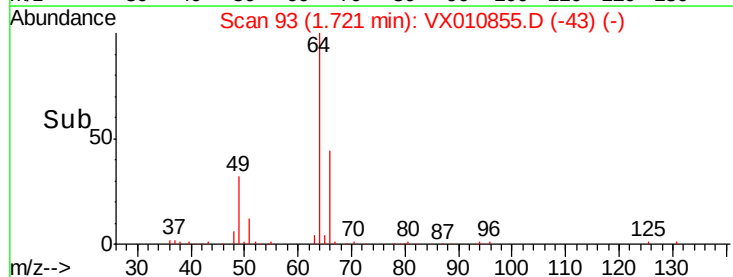
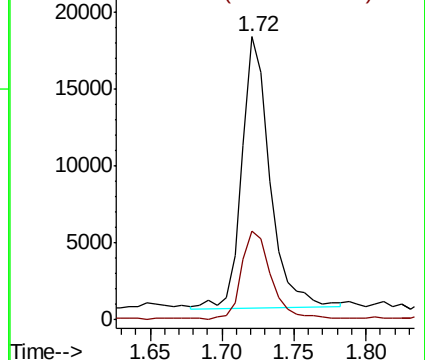
64 100

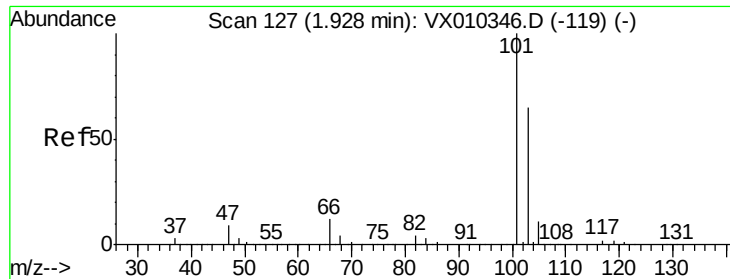
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



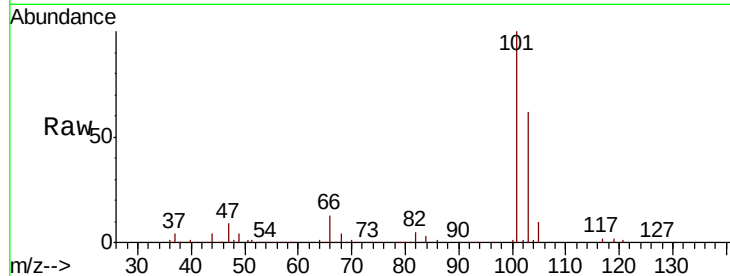


#7

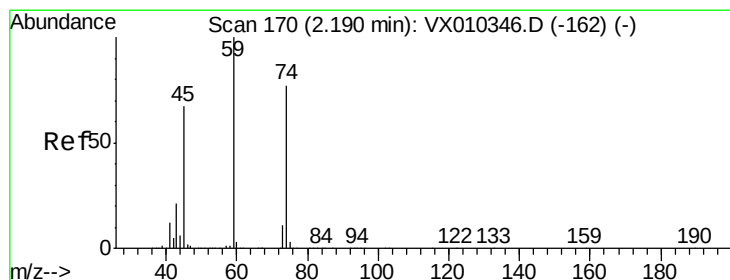
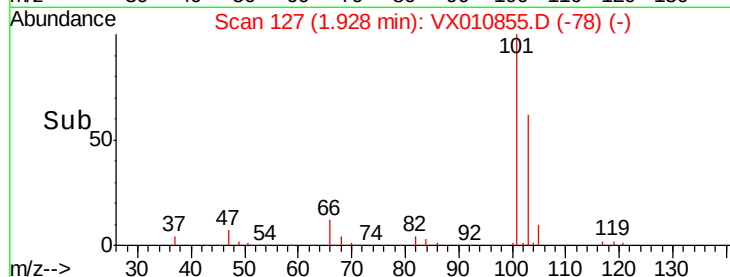
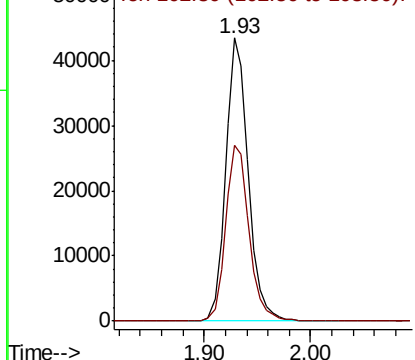
Trichlorofluoromethane
 Concen: 22.786 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
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 VX0712WBS03

Tot Ion:101 Resp: 64145
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.3 78.5



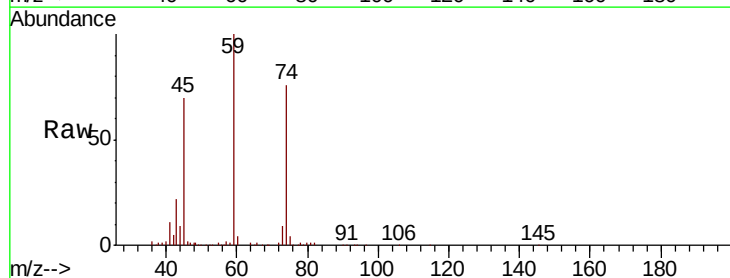
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



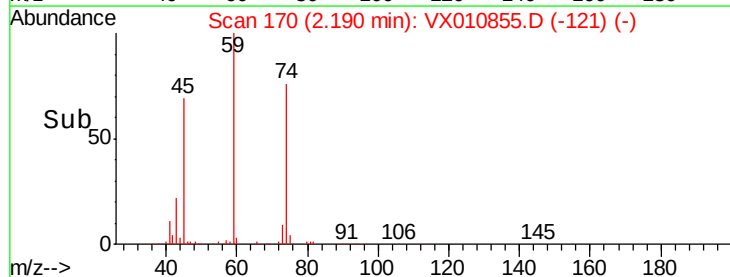
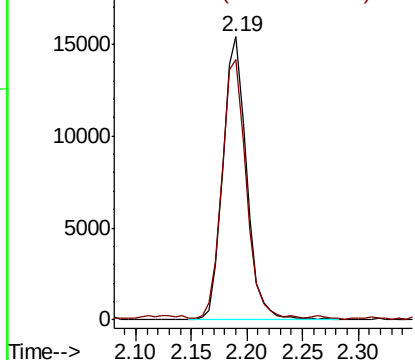
#8

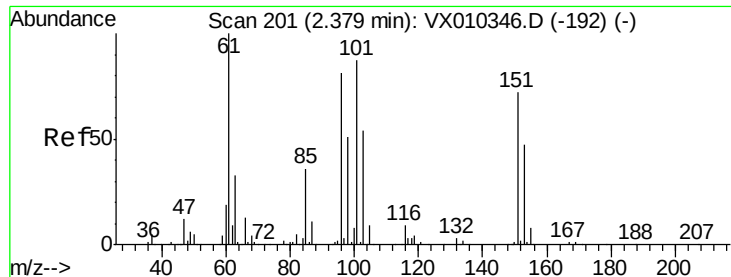
Diethyl Ether
 Concen: 22.366 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 74 Resp: 22579
 Ion Ratio Lower Upper
 74 100
 45 94.1 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.838 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

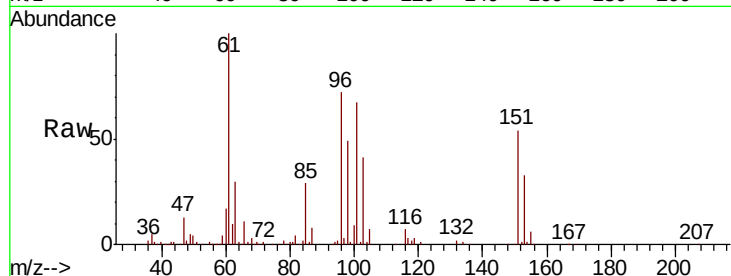
Tot Ion:101 Resp: 35549

Ion Ratio Lower Upper

101 100

85 43.8 33.7 50.5

151 88.6 70.1 105.1

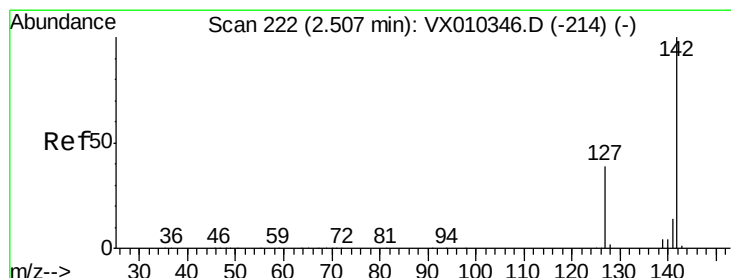
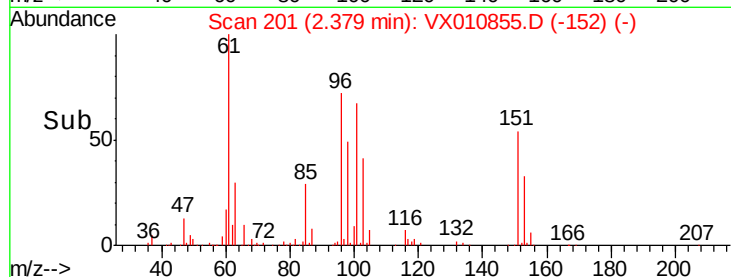
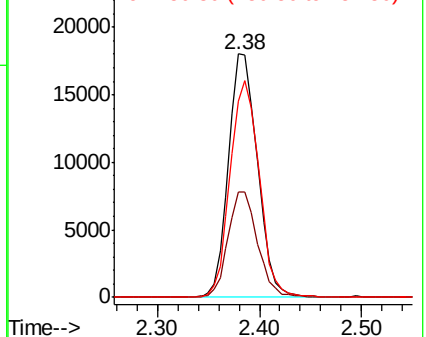


Abundance

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: 16.312 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

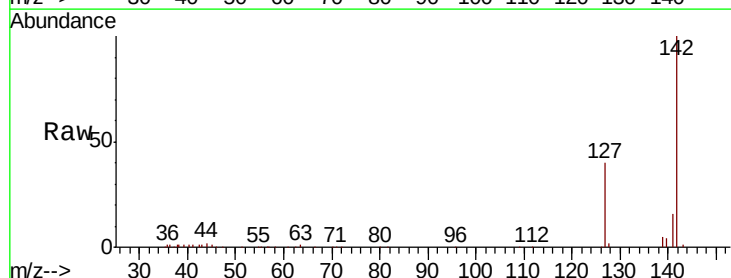
Tgt Ion:142 Resp: 39713

Ion Ratio Lower Upper

142 100

127 40.6 31.1 46.7

141 14.1 11.2 16.8

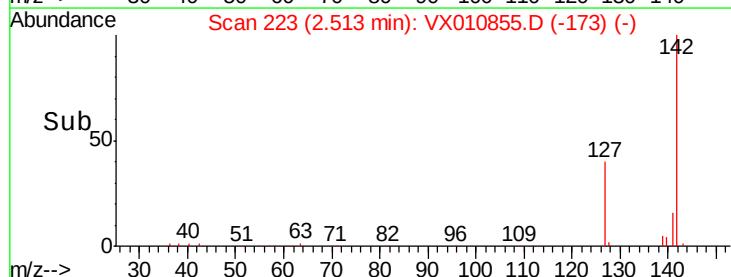
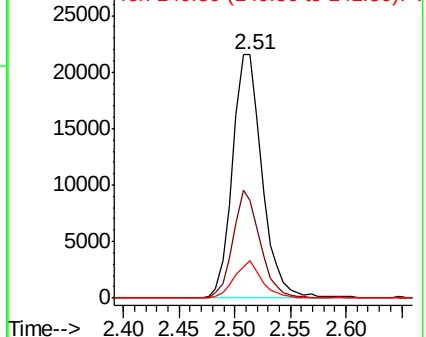


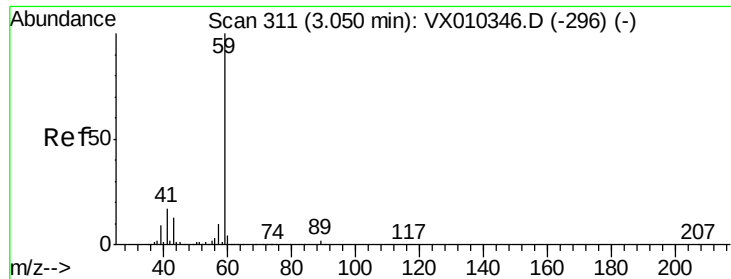
Abundance

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

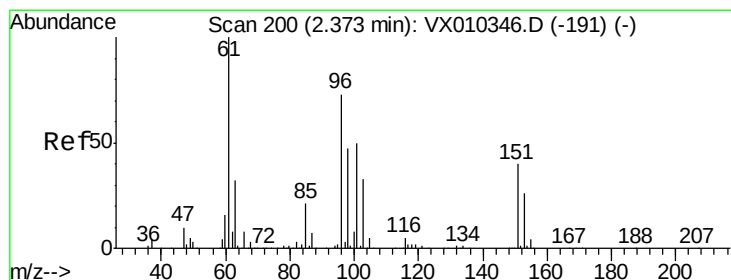
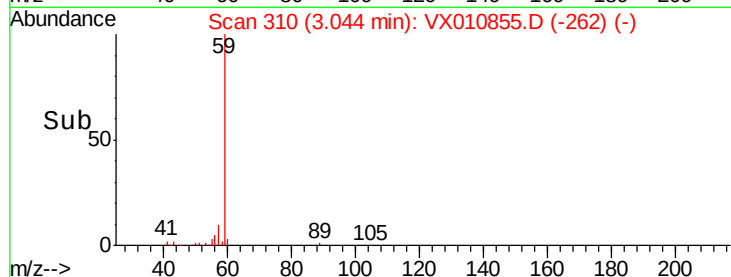
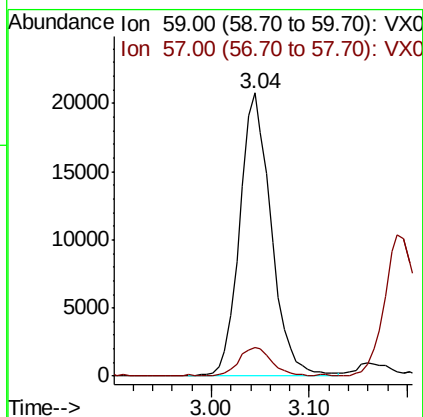
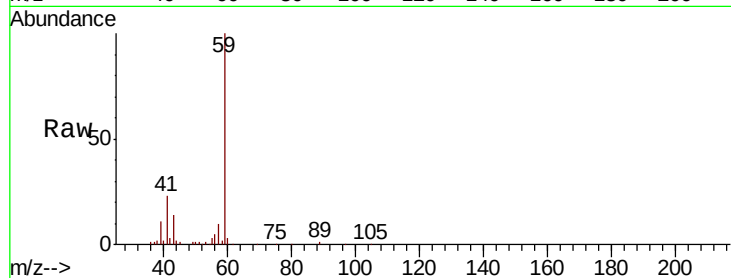




#11
Tert butyl alcohol
Concen: 94.472 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

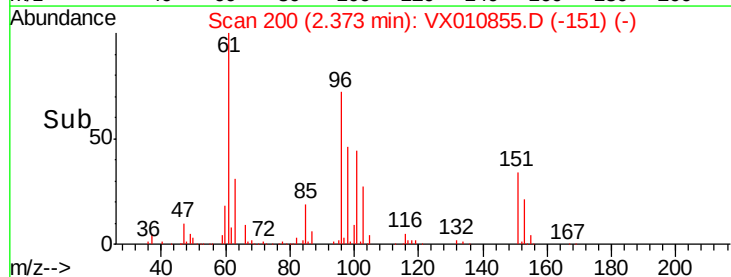
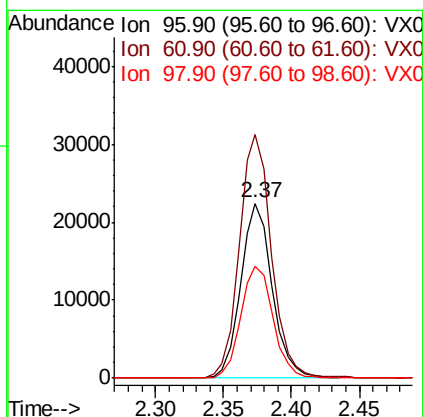
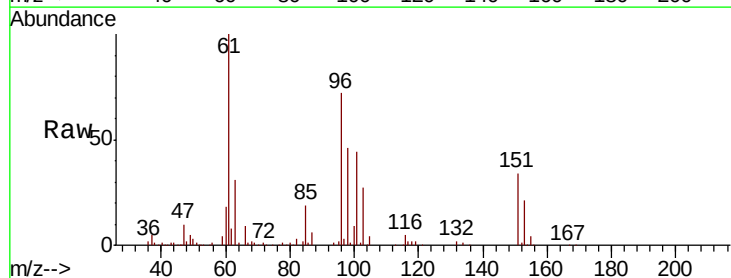
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

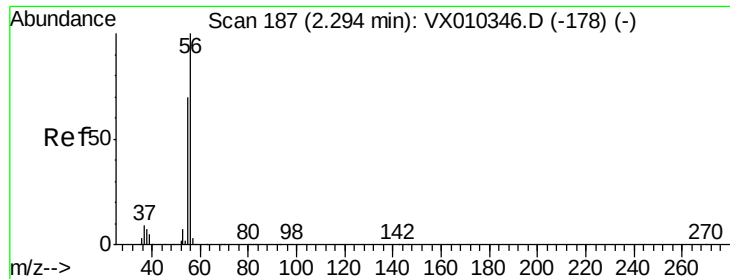
Tot Ion: 59 Resp: 46418
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.839 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 96 Resp: 36175
Ion Ratio Lower Upper
96 100
61 139.1 109.2 163.8
98 64.1 51.1 76.7





#13

Acrolein

Concen: 112.933 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

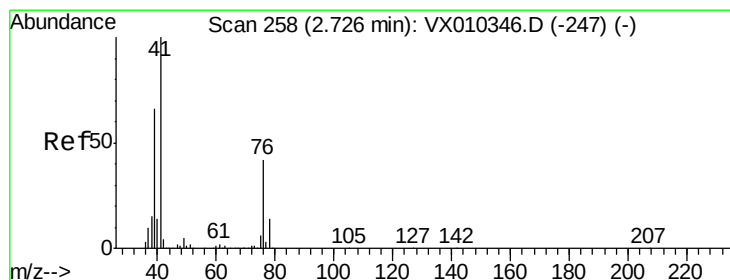
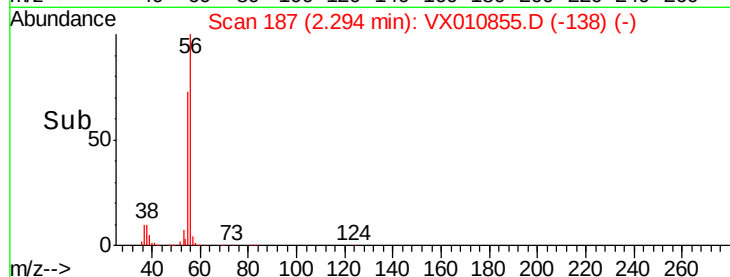
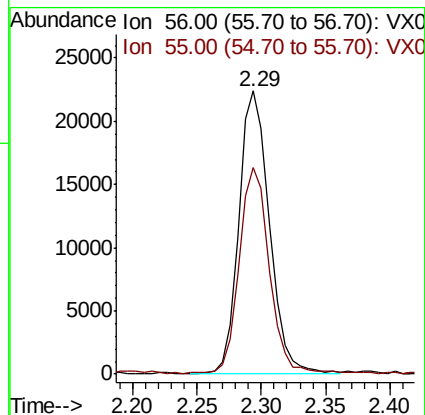
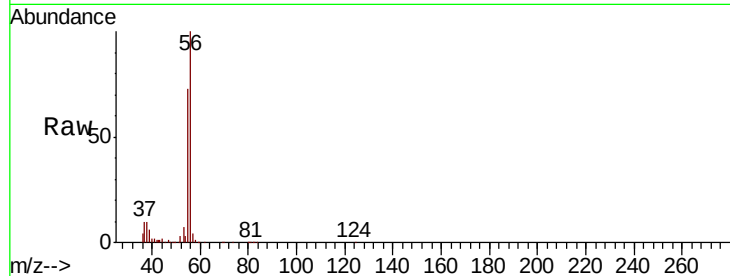
VX0712WBS03

Tot Ion: 56 Resp: 36810

Ion Ratio Lower Upper

56 100

55 71.6 56.9 85.3



#14

Allyl chloride

Concen: 20.621 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

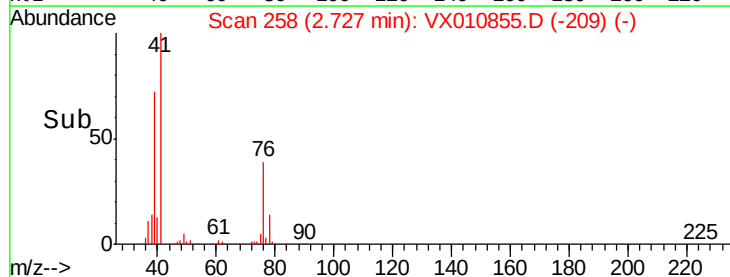
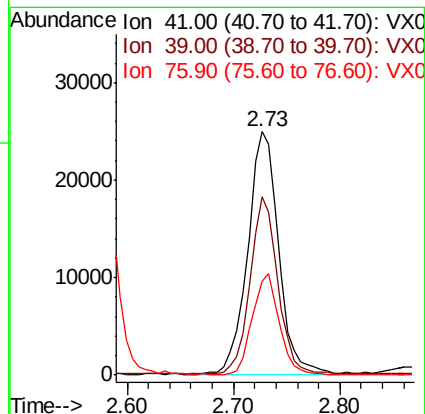
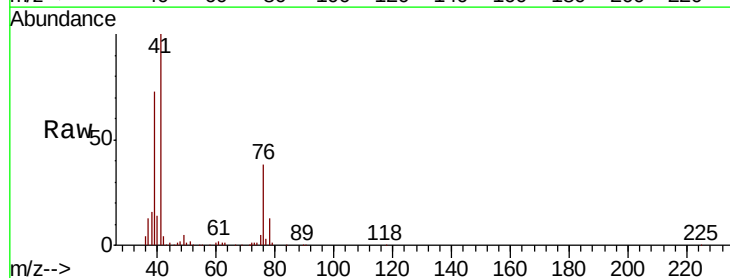
Tgt Ion: 41 Resp: 50820

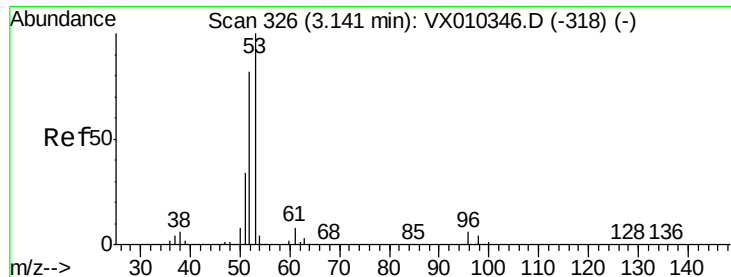
Ion Ratio Lower Upper

41 100

39 65.1 50.3 75.5

76 36.9 31.3 46.9





#15

Acrylonitrile

Concen: 109.454 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

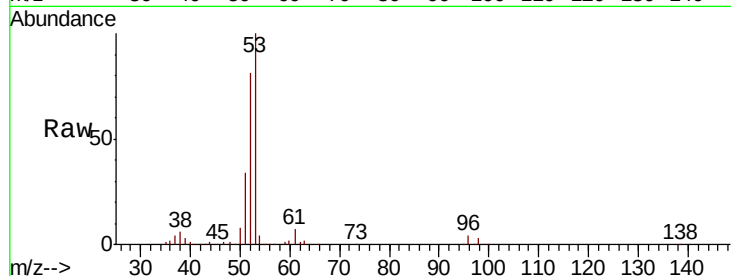
Tot Ion: 53 Resp: 106477

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

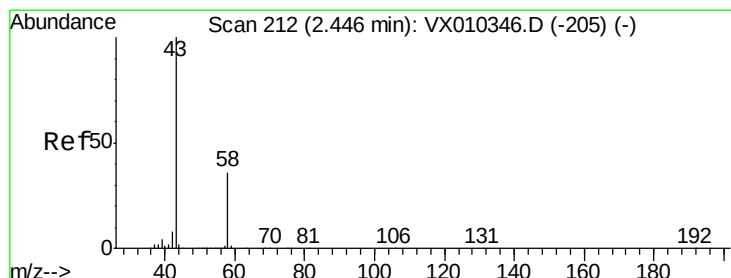
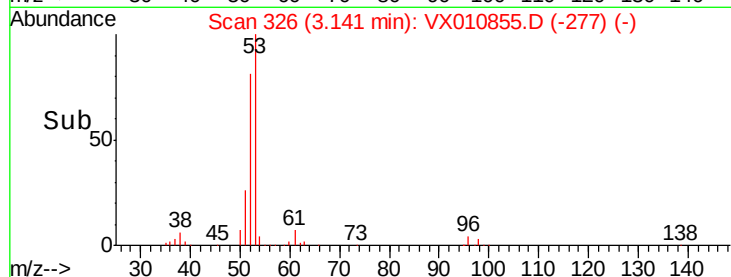
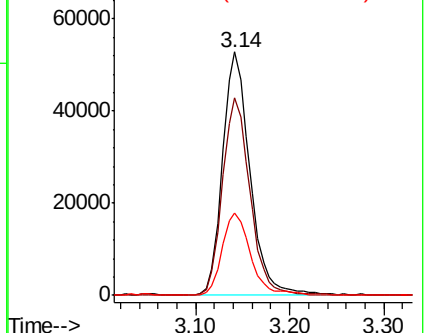
51 35.6 28.2 42.4



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: 91.226 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010855.D

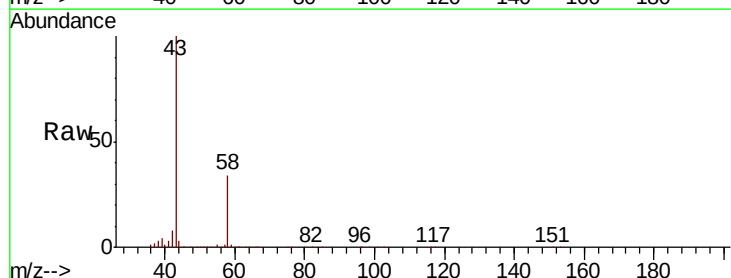
Acq: 12 Jul 2019 23:02

Tgt Ion: 43 Resp: 85850

Ion Ratio Lower Upper

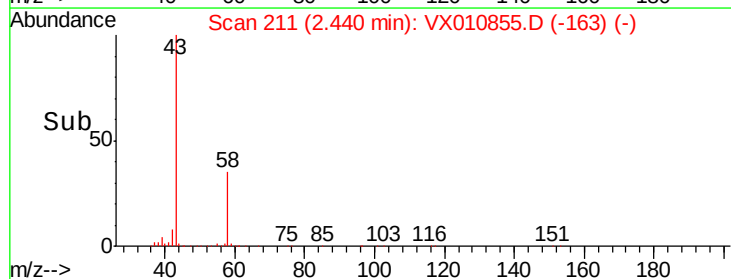
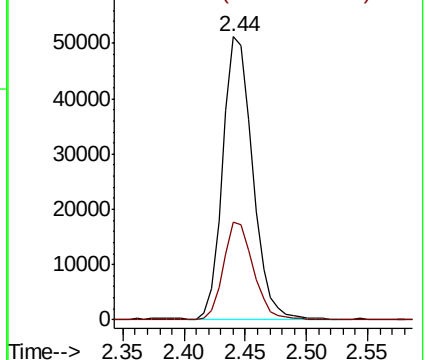
43 100

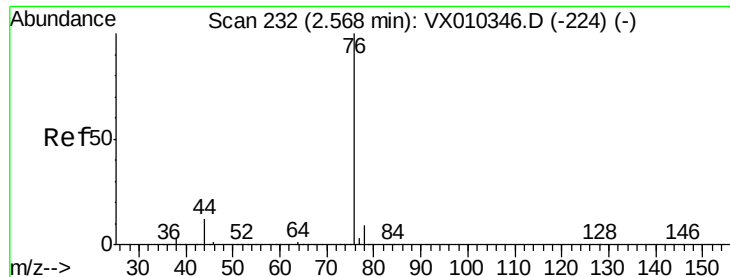
58 34.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.593 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

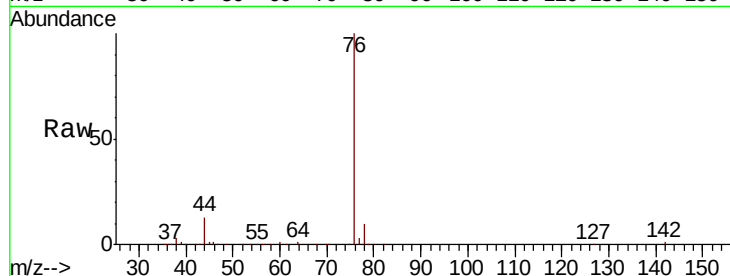
VX0712WBS03

Tot Ion: 76 Resp: 81934

Ion Ratio Lower Upper

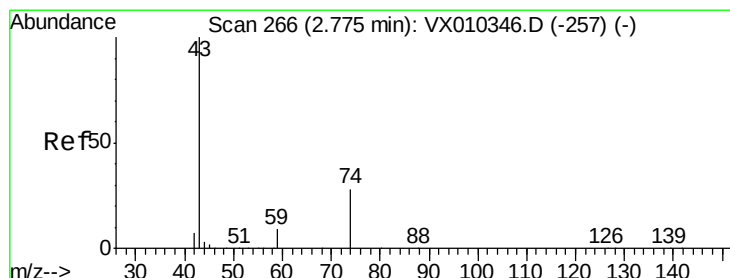
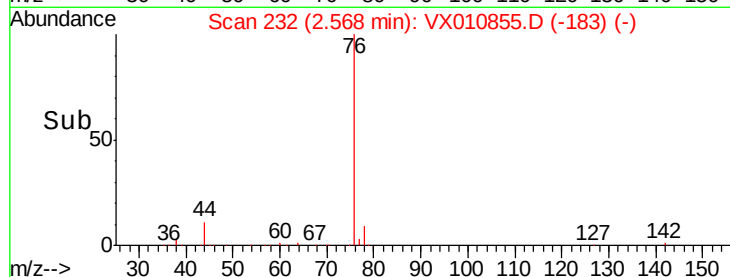
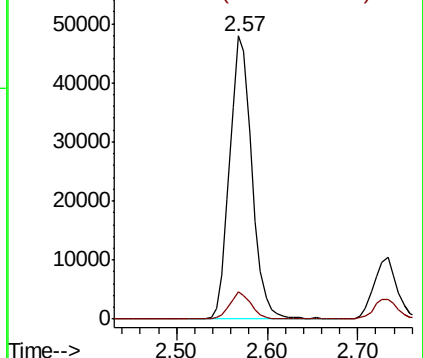
76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.001 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010855.D

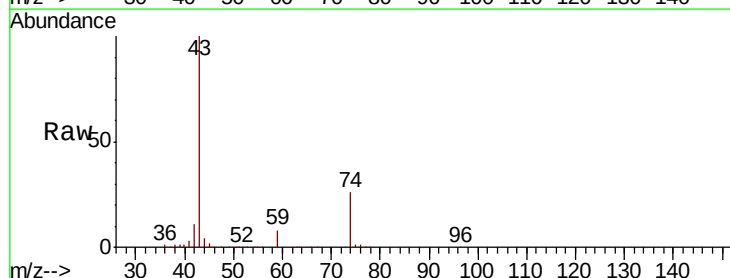
Acq: 12 Jul 2019 23:02

Tgt Ion: 43 Resp: 43141

Ion Ratio Lower Upper

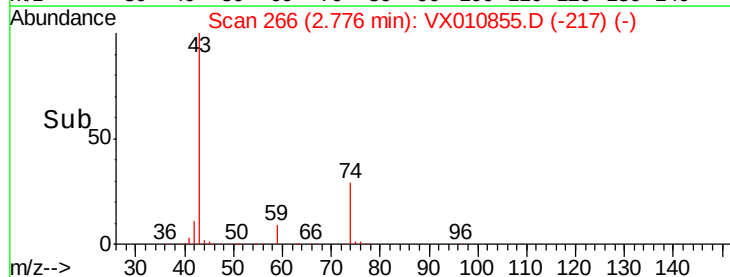
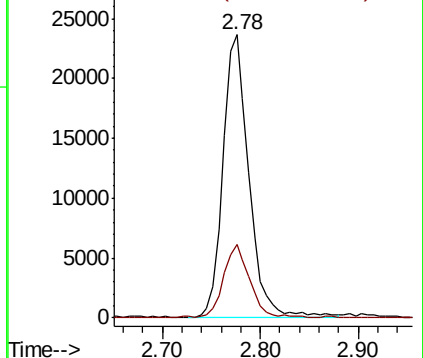
43 100

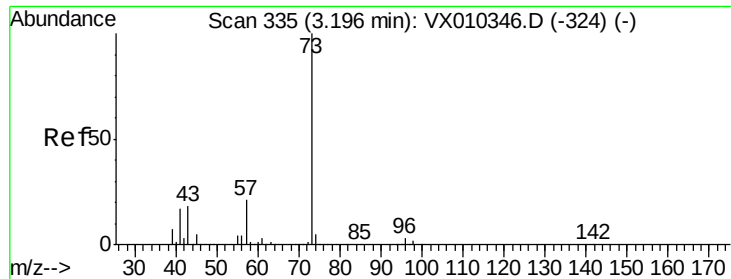
74 26.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



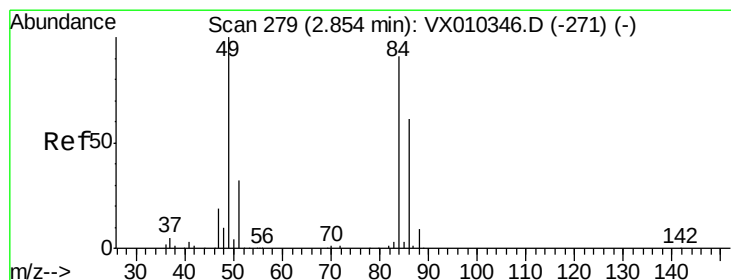
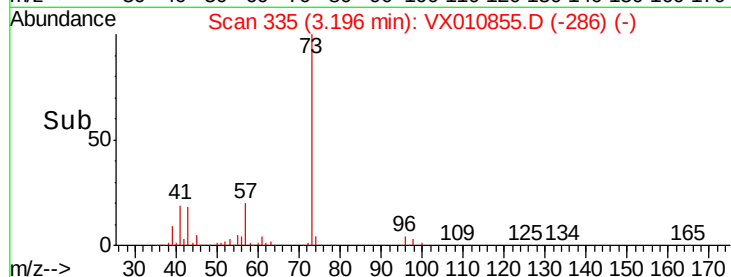
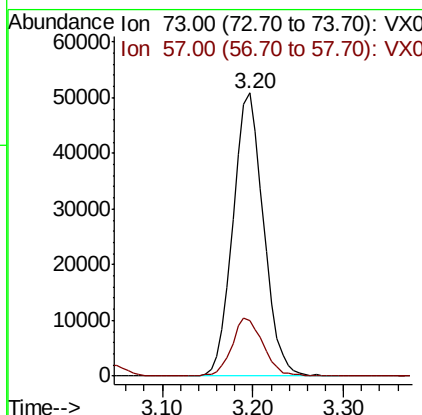
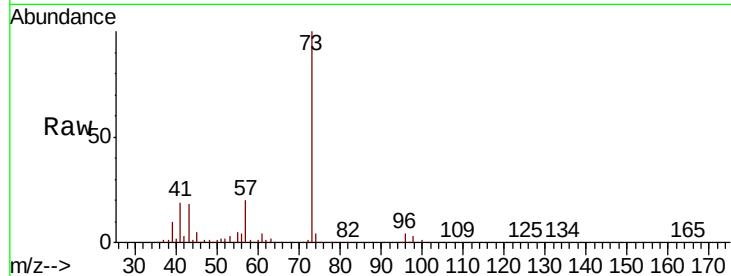


#19

Methvl tert-butyl Ether
 Concen: 21.817 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

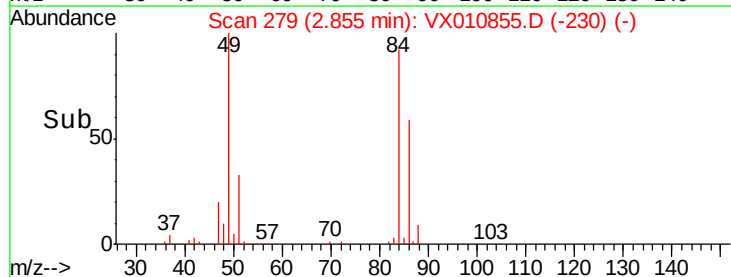
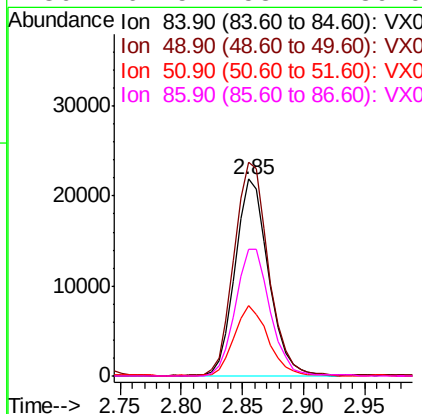
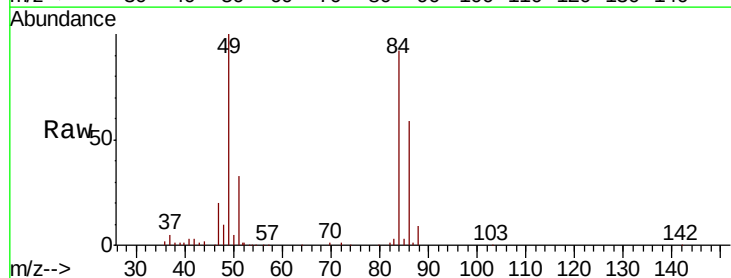
Tot Ion: 73 Resp: 119144
 Ion Ratio Lower Upper
 73 100
 57 19.7 16.4 24.6

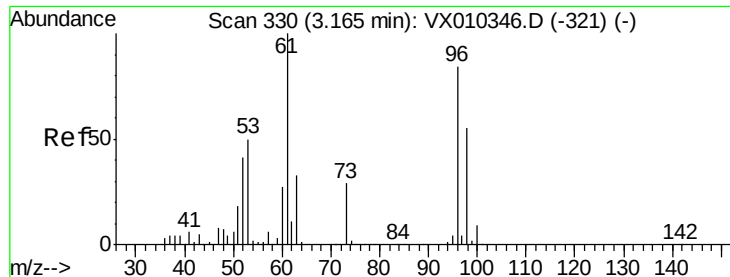


#20

Methylene Chloride
 Concen: 21.446 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 84 Resp: 41534
 Ion Ratio Lower Upper
 84 100
 49 108.0 87.5 131.3
 51 35.6 27.7 41.5
 86 64.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 20.385 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

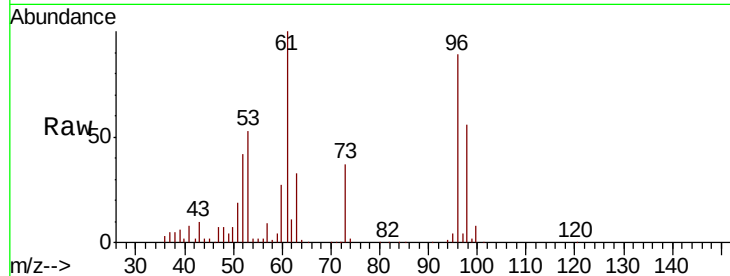
Tot Ion: 96 Resp: 38058

Ion Ratio Lower Upper

96 100

61 111.7 95.6 143.4

98 62.3 52.5 78.7

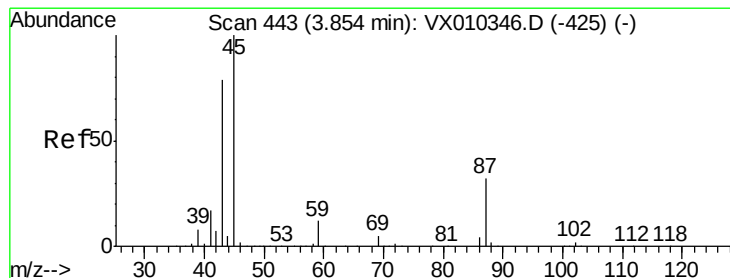
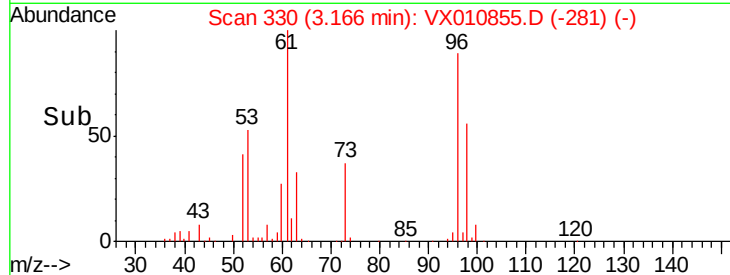
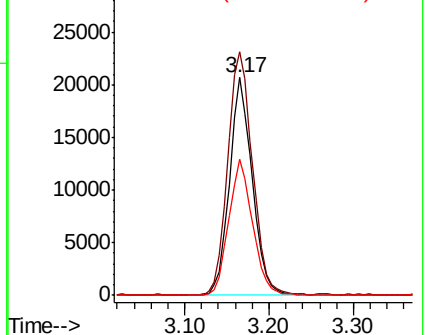


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.129 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Tgt Ion: 45 Resp: 114023

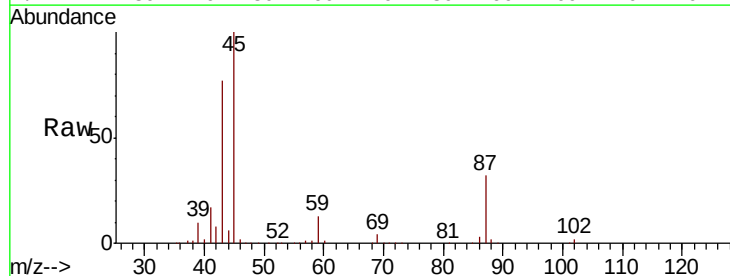
Ion Ratio Lower Upper

45 100

43 76.8 63.3 94.9

87 32.0 25.8 38.8

59 13.0 9.6 14.4



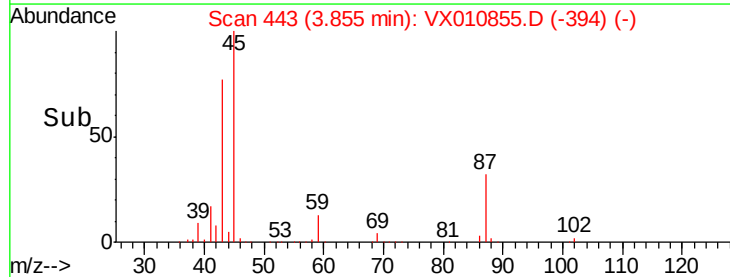
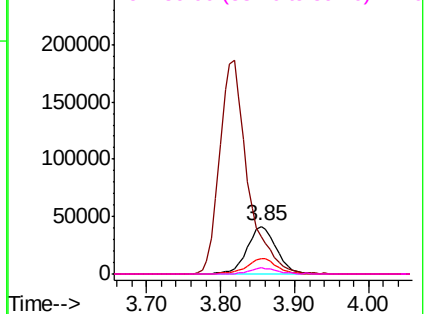
Abundance

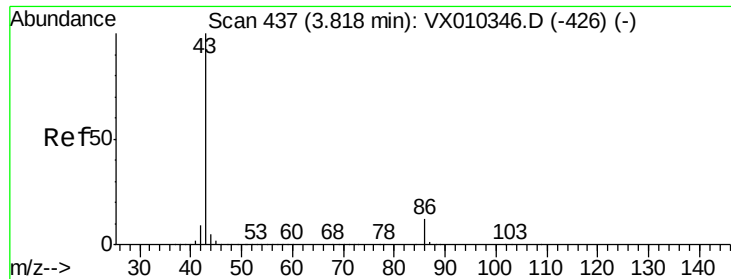
Ion 45.00 (44.70 to 45.70): VX0

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: 109.580 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

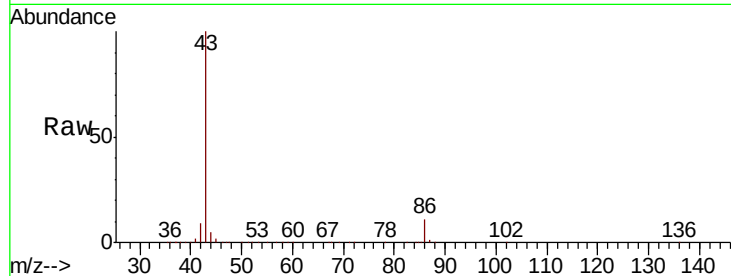
VX0712WBS03

Tot Ion: 43 Resp: 487782

Ion Ratio Lower Upper

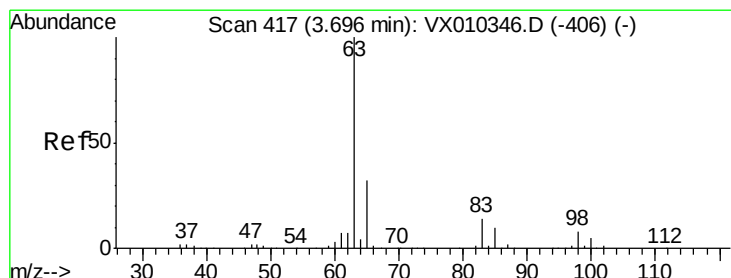
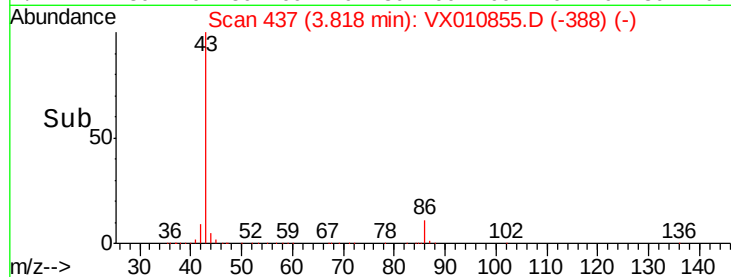
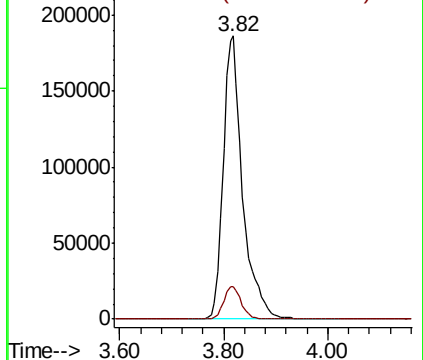
43 100

86 11.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.933 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

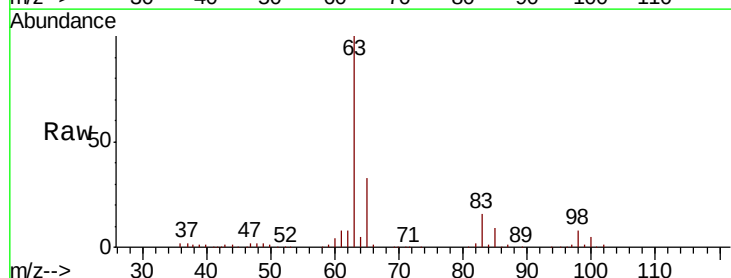
Tgt Ion: 63 Resp: 65325

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

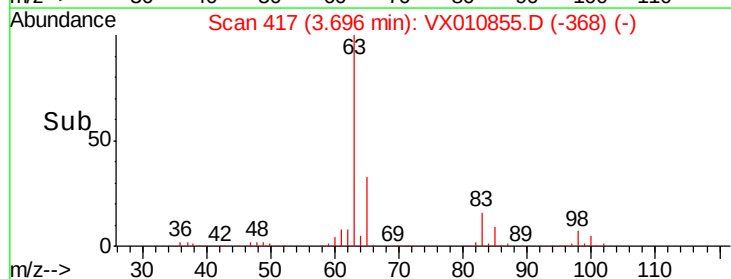
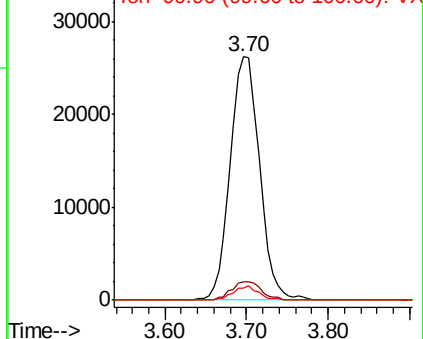
100 4.9 2.4 7.1

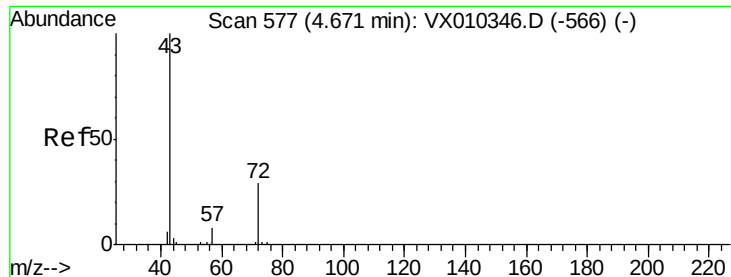


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.644 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

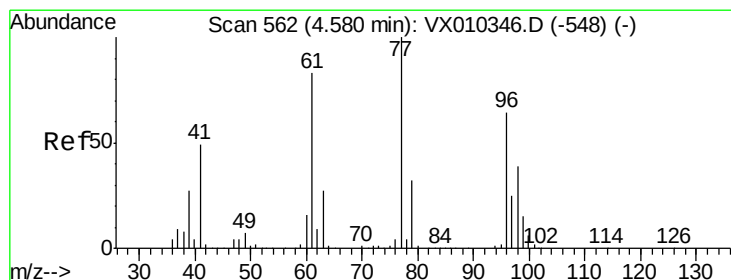
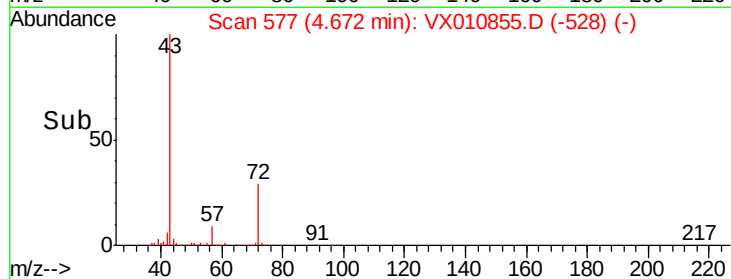
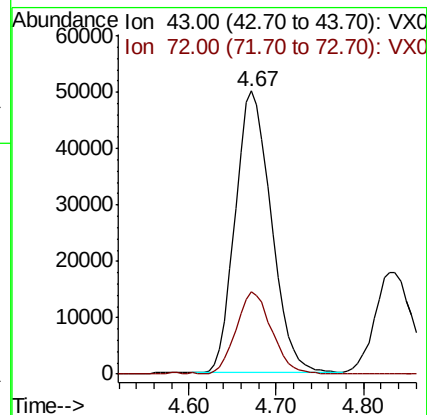
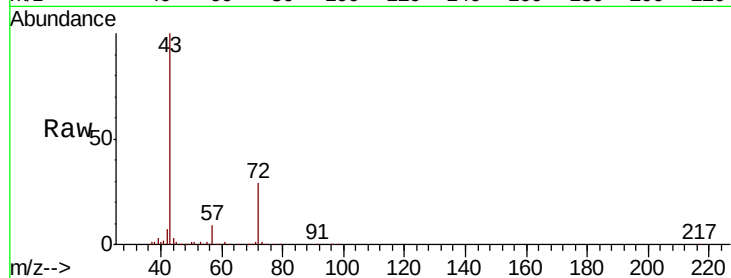
VX0712WBS03

Tot Ion: 43 Resp: 143073

Ion Ratio Lower Upper

43 100

72 29.0 23.3 34.9



#26

2,2-Dichloropropane

Concen: 16.091 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010855.D

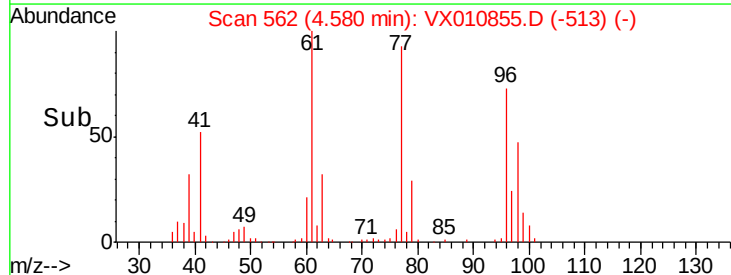
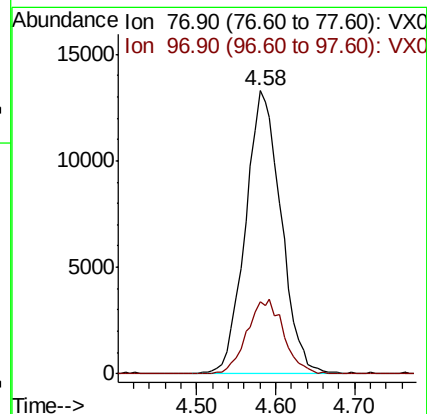
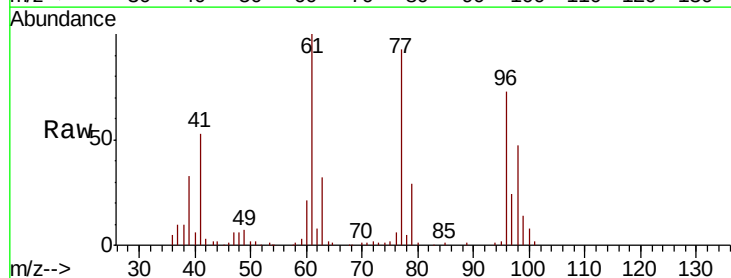
Acq: 12 Jul 2019 23:02

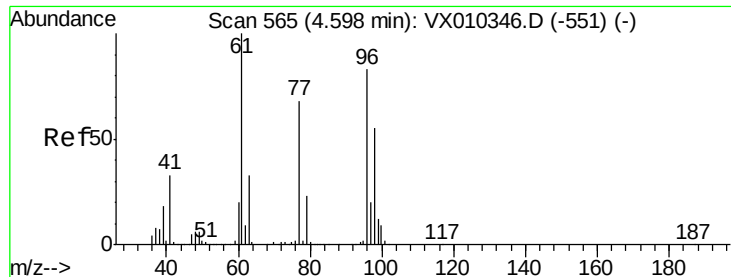
Tgt Ion: 77 Resp: 41633

Ion Ratio Lower Upper

77 100

97 26.8 13.1 39.3



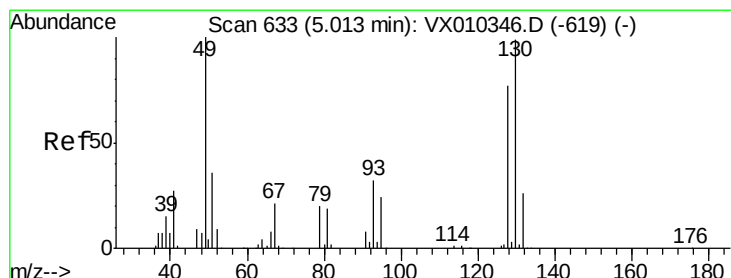
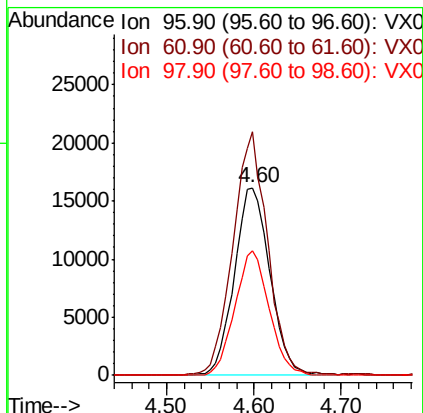
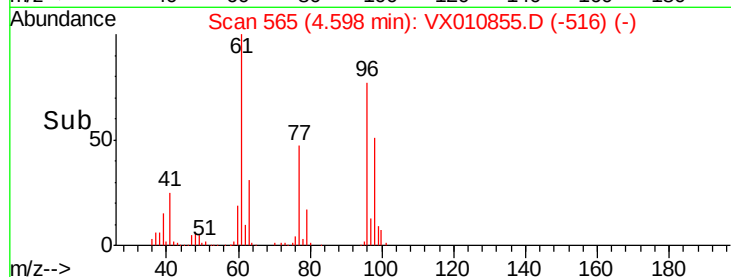
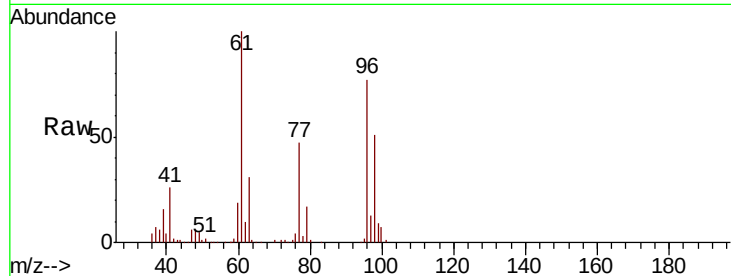


#27

cis-1,2-Dichloroethene
Concen: 21.163 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

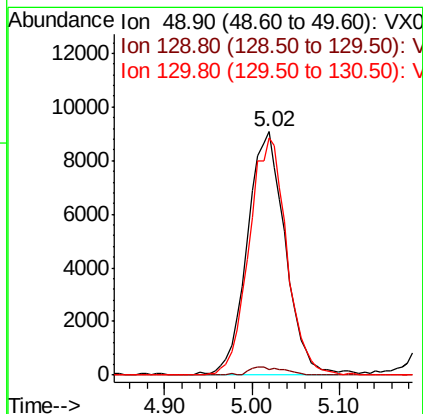
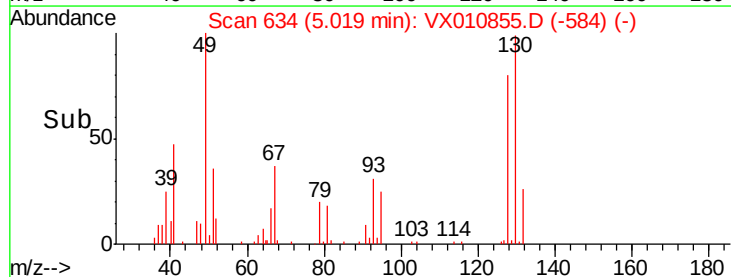
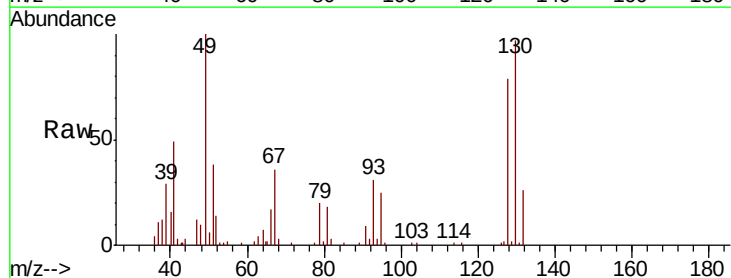
Tot Ion: 96 Resp: 45659
Ion Ratio Lower Upper
96 100
61 126.5 0.0 251.8
98 64.0 0.0 129.4

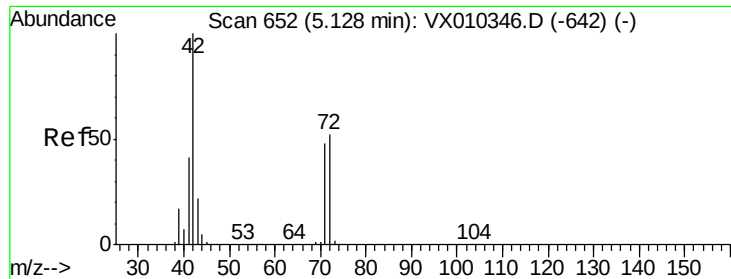


#28

Bromochloromethane
Concen: 19.264 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 49 Resp: 27433
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 96.3 81.4 122.0





#29

Tetrahydrofuran

Concen: 109.840 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

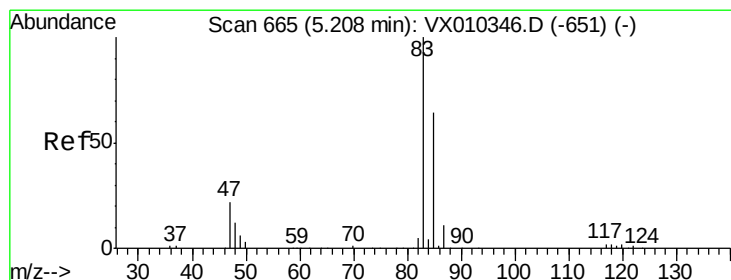
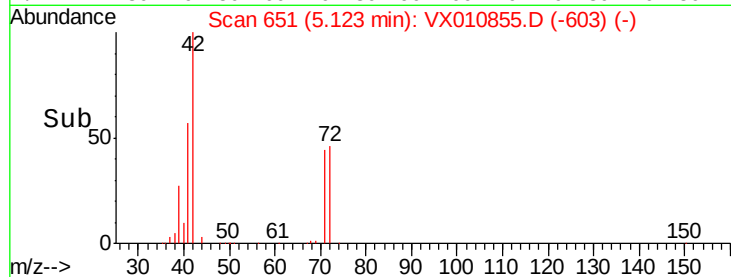
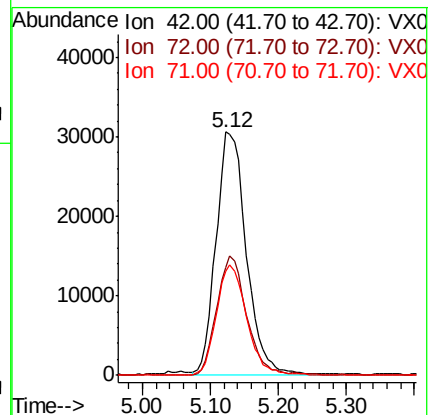
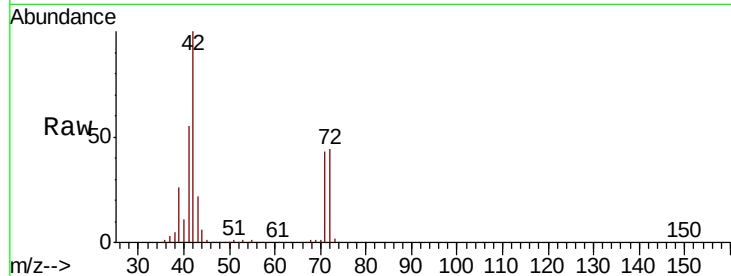
Tot Ion: 42 Resp: 93918

Ion Ratio Lower Upper

42 100

72 49.1 40.6 60.8

71 45.4 37.8 56.8



#30

Chloroform

Concen: 21.846 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010855.D

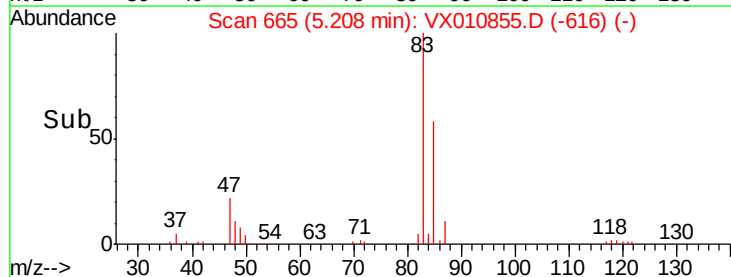
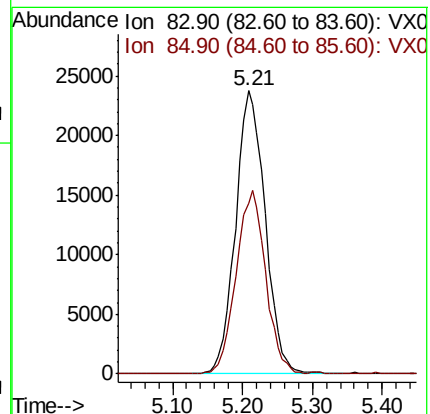
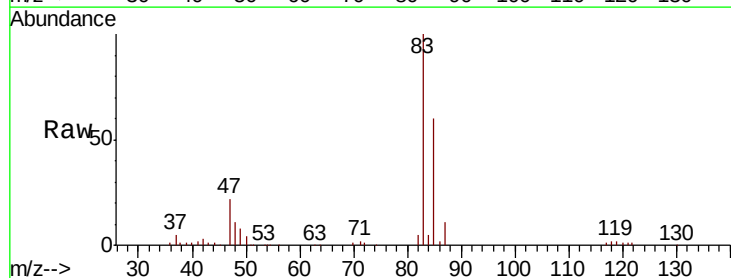
Acq: 12 Jul 2019 23:02

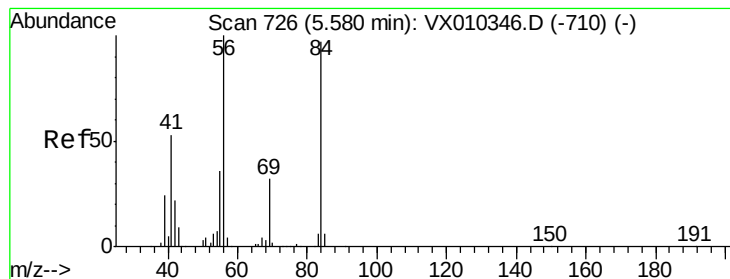
Tgt Ion: 83 Resp: 70008

Ion Ratio Lower Upper

83 100

85 60.3 50.9 76.3





#31

Cyclohexane

Concen: 20.983 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

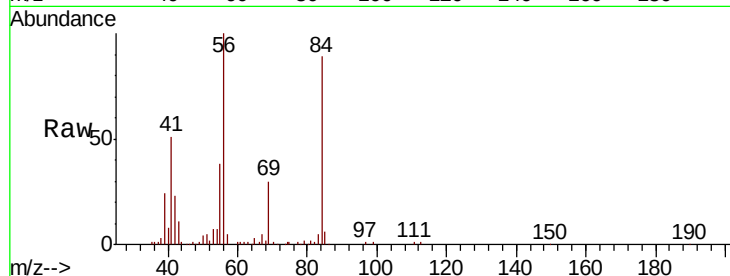
Tot Ion: 56 Resp: 56913

Ion Ratio Lower Upper

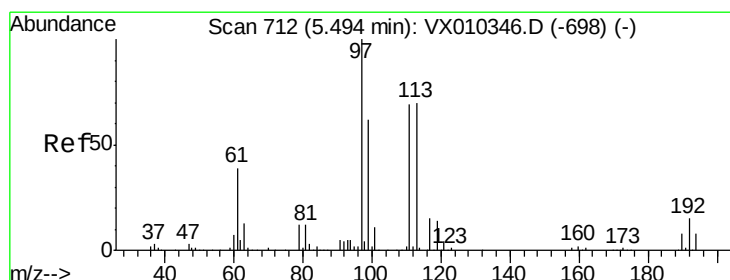
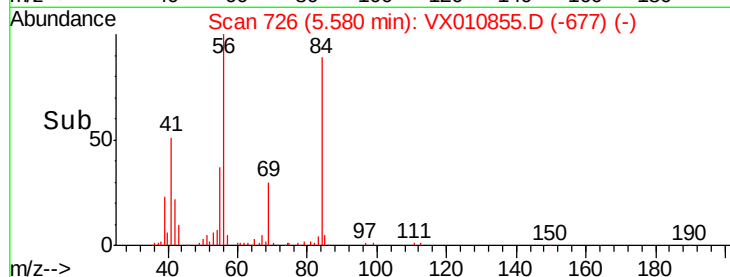
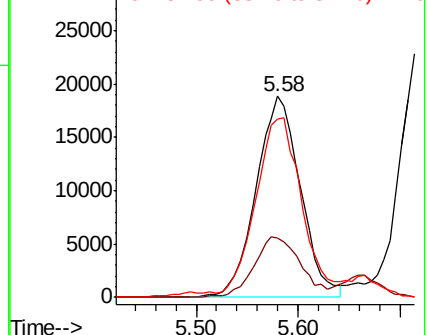
56 100

69 29.7 25.9 38.9

84 86.0 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: 20.920 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

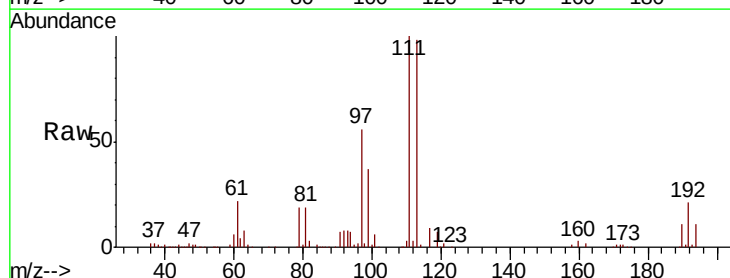
Tgt Ion: 97 Resp: 59196

Ion Ratio Lower Upper

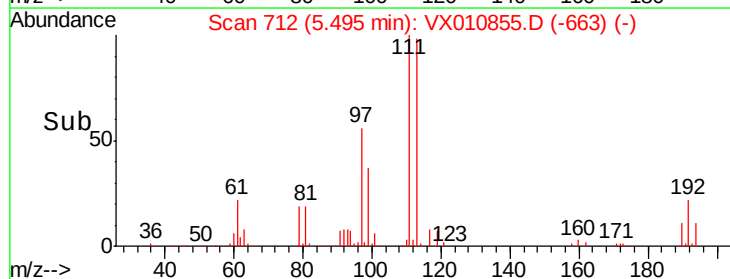
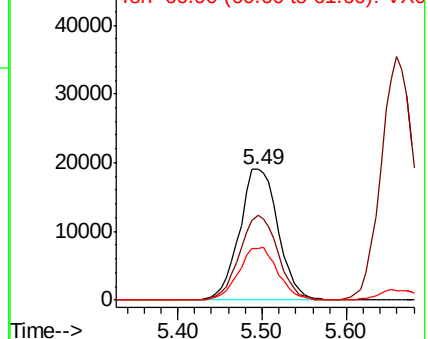
97 100

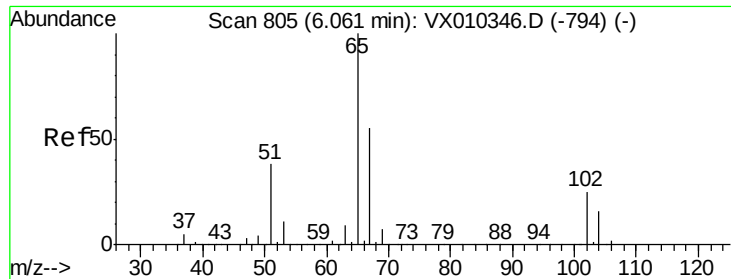
99 64.2 51.8 77.8

61 40.0 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

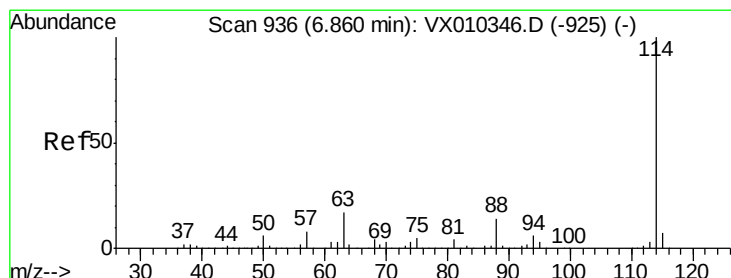
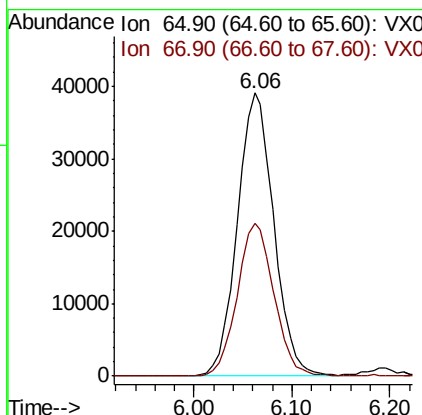
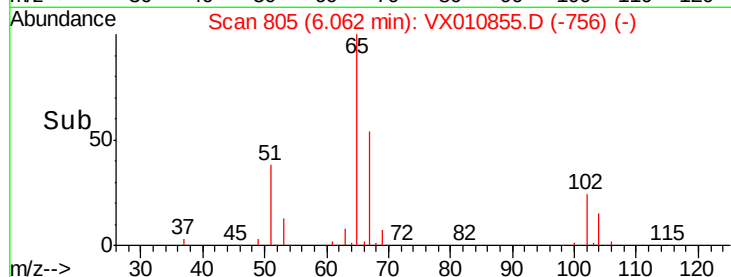
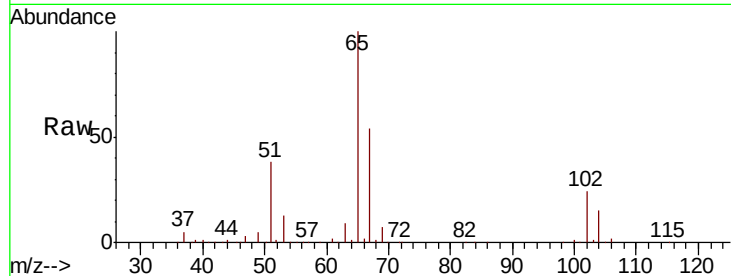




#33
 1,2-Dichloroethane-d4
 Concen: 53.698 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

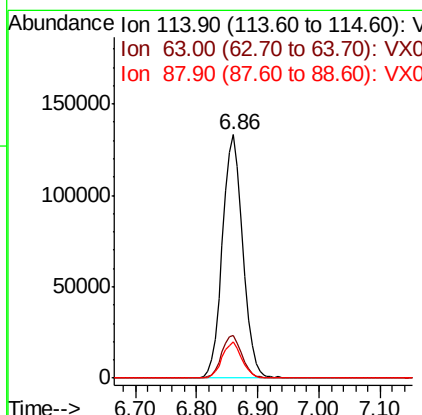
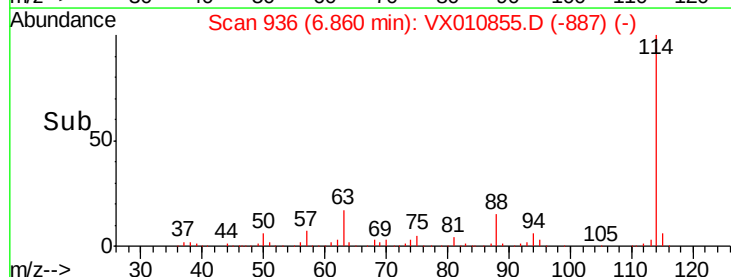
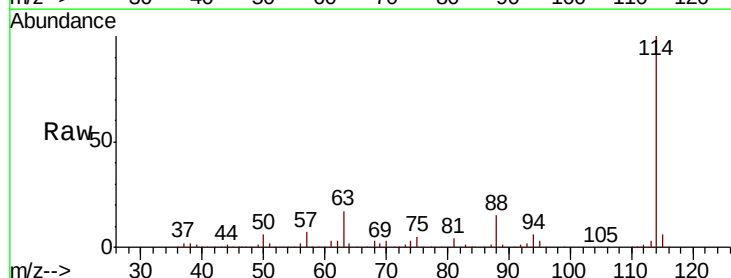
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

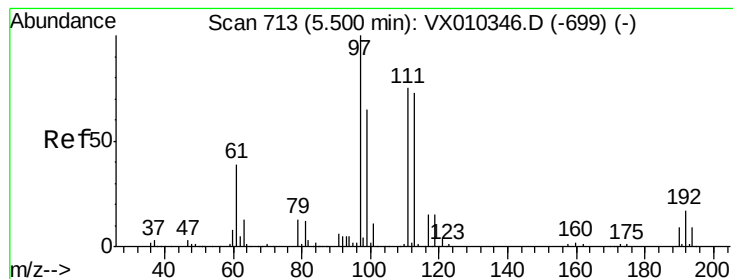
Tot Ion: 65 Resp: 100830
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 114 Resp: 307326
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.8 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.868 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

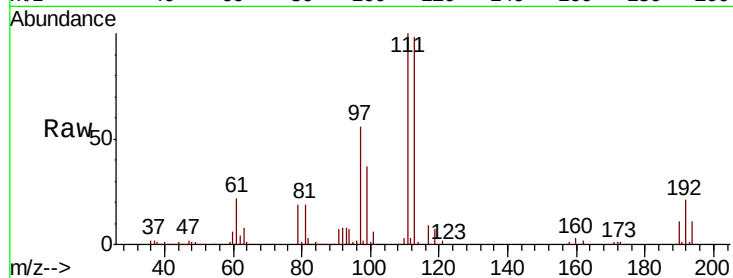
Tot Ion:113 Resp: 95648

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

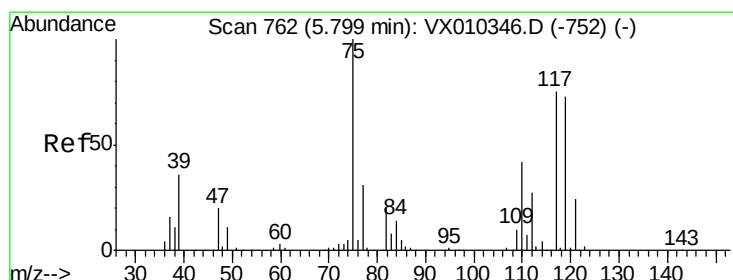
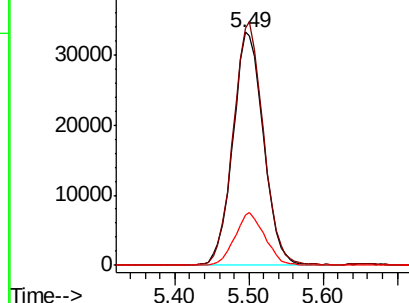
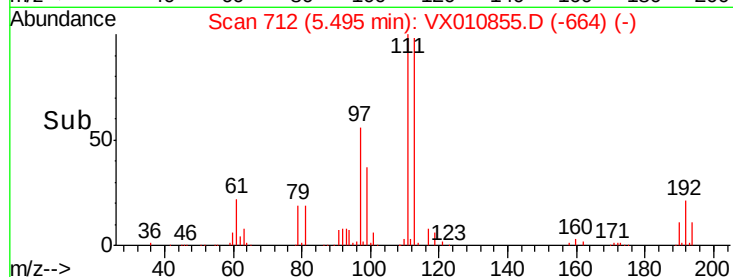
192 22.2 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.562 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

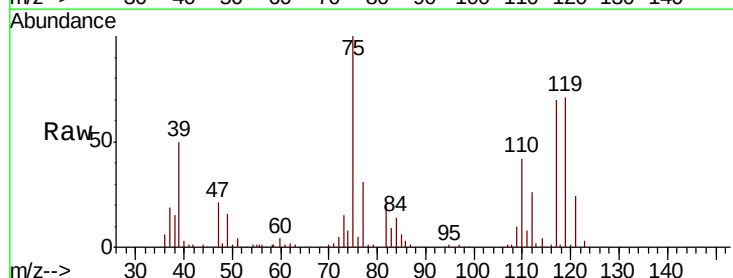
Tgt Ion: 75 Resp: 47774

Ion Ratio Lower Upper

75 100

110 41.5 20.8 62.2

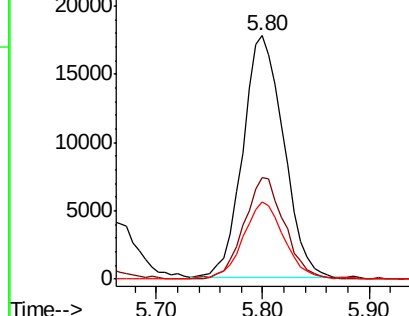
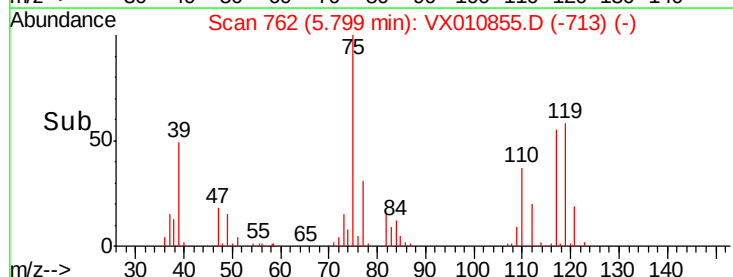
77 32.0 25.4 38.0

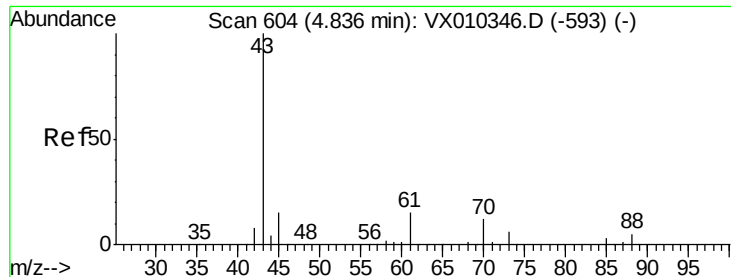


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

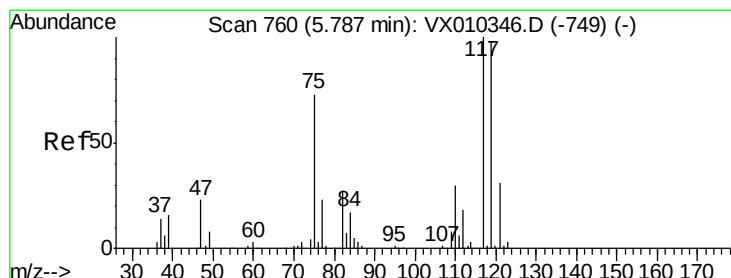
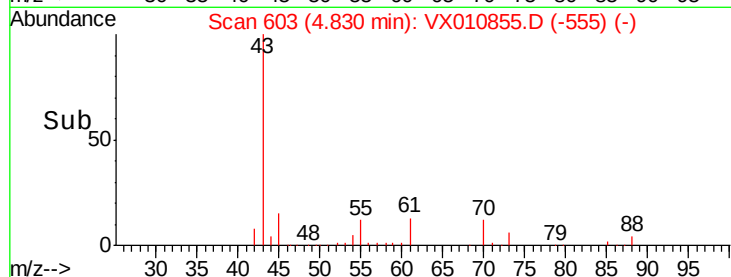
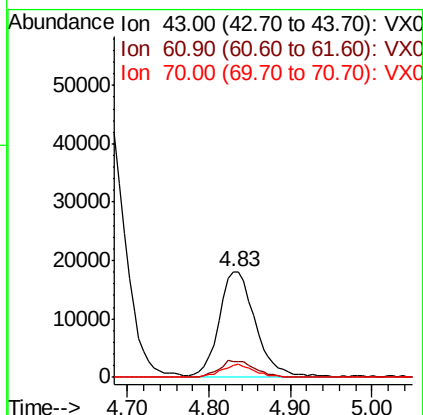
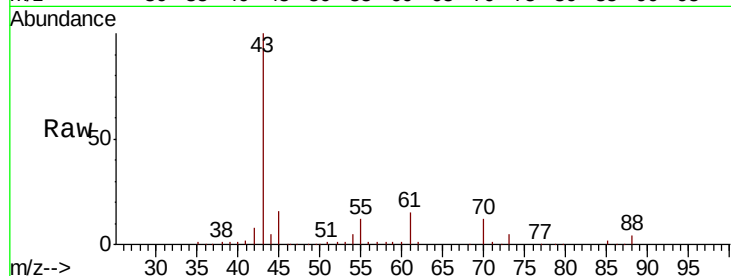




#37
Ethyl Acetate
Concen: 21.623 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

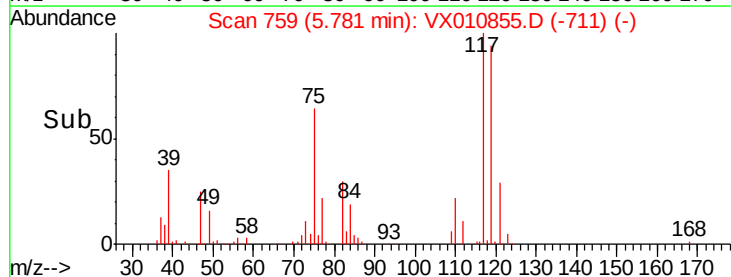
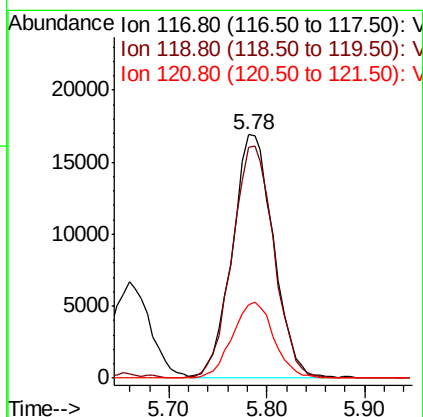
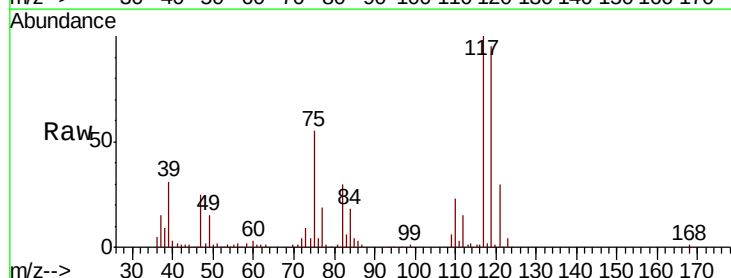
Instrument :
MSVOA_X
ClientSampled :
VX0712WBS03

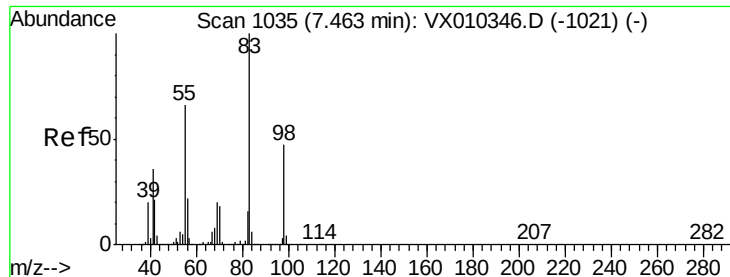
Tot Ion: 43 Resp: 54326
Ion Ratio Lower Upper
43 100
61 16.0 12.4 18.6
70 11.5 9.8 14.8



#38
Carbon Tetrachloride
Concen: 18.576 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 117 Resp: 49126
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.4
121 30.5 24.7 37.1

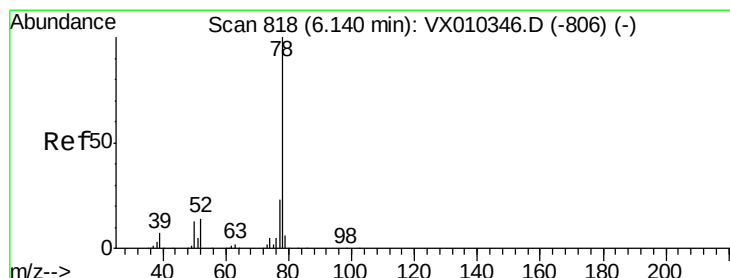
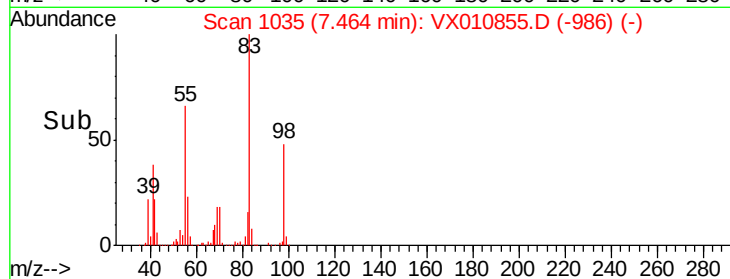
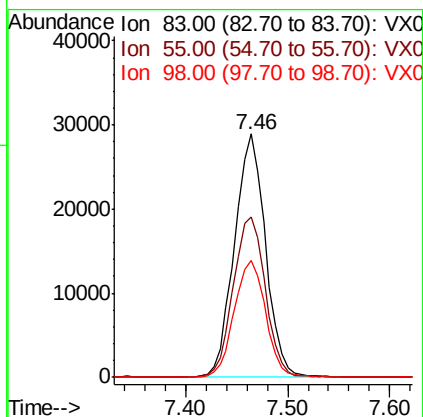
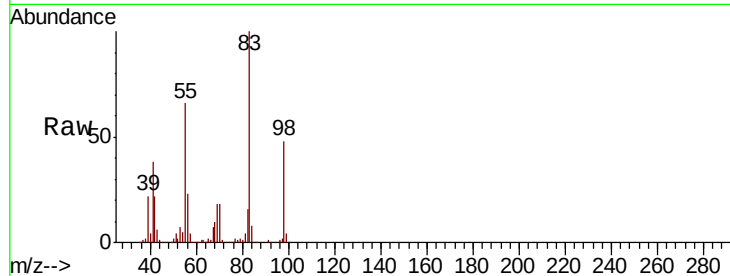




#39
Methylvlcyclohexane
Concen: 18.988 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

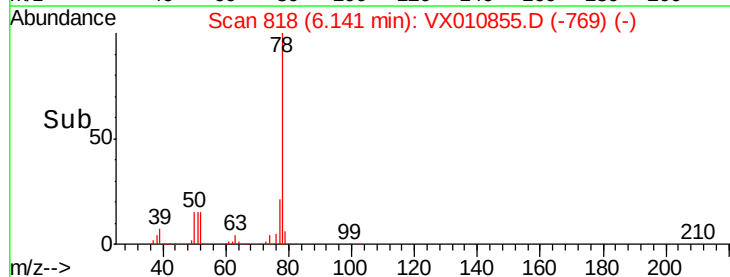
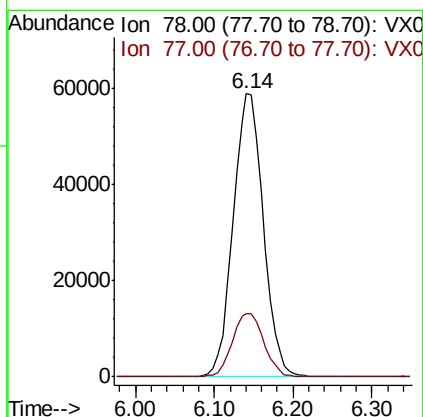
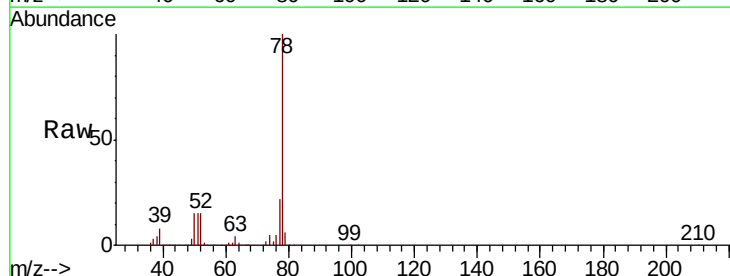
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

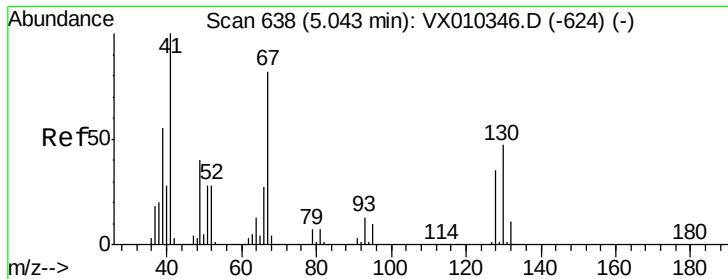
Tot Ion	83	Resp	60956
Ion Ratio	Lower	Upper	
83	100		
55	65.9	53.0	79.6
98	48.1	37.8	56.8



#40
Benzene
Concen: 20.551 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	78	Resp	156364
Ion Ratio	Lower	Upper	
78	100		
77	22.3	18.6	28.0





#41

Methacrylonitrile

Concen: 20.592 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampled :

VX0712WBS03

Tot Ion: 41 Resp: 28387

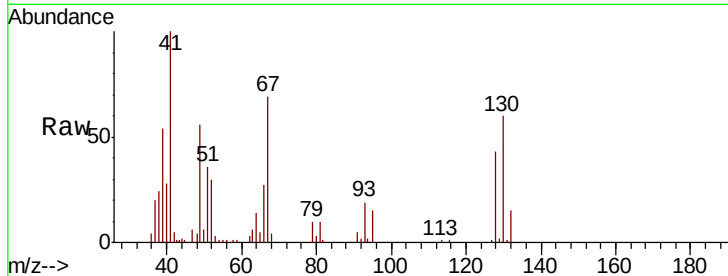
Ion Ratio Lower Upper

41 100

39 59.4 43.8 65.8

67 83.4 66.6 100.0

52 34.6 24.5 36.7

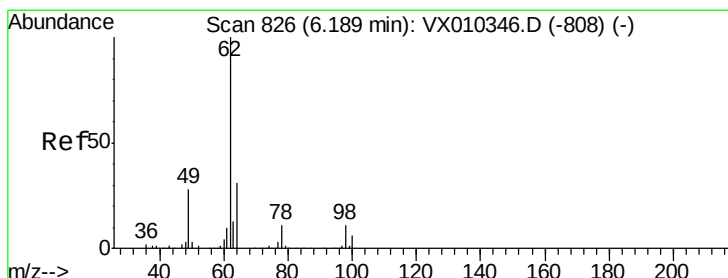
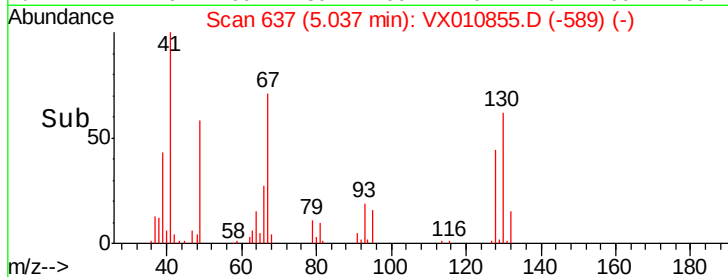
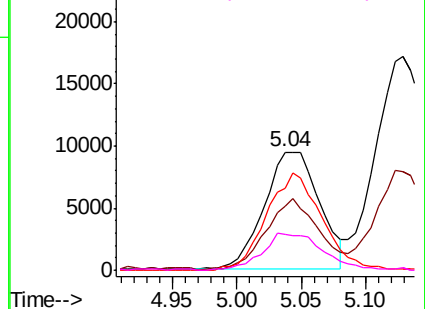


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.946 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010855.D

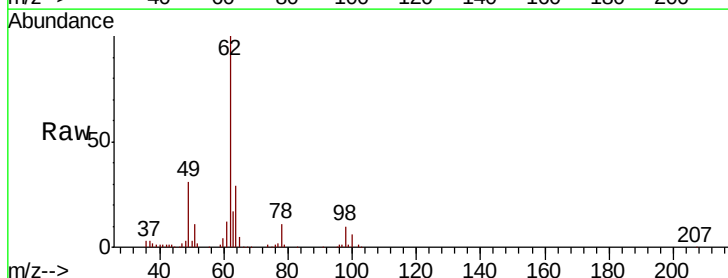
Acq: 12 Jul 2019 23:02

Tgt Ion: 62 Resp: 53145

Ion Ratio Lower Upper

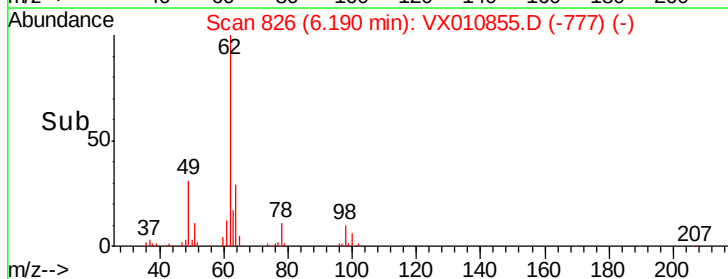
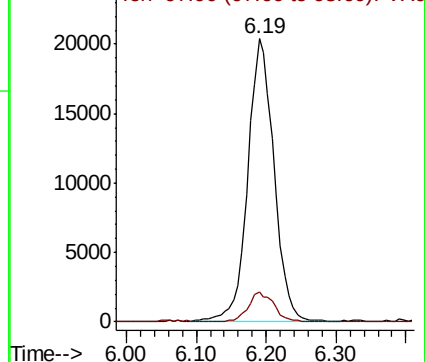
62 100

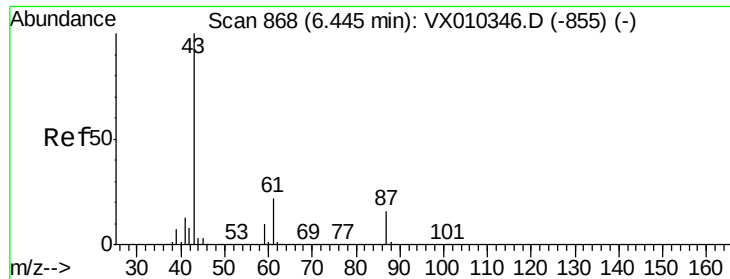
98 10.4 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.536 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

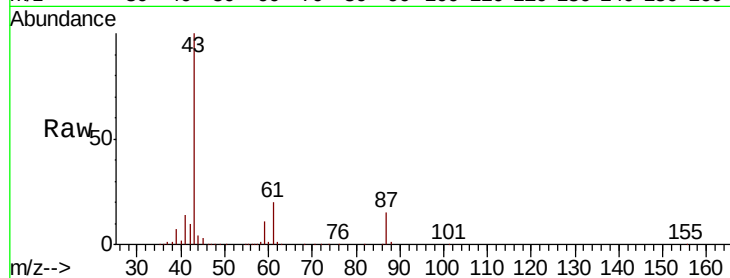
Tot Ion: 43 Resp: 85362

Ion Ratio Lower Upper

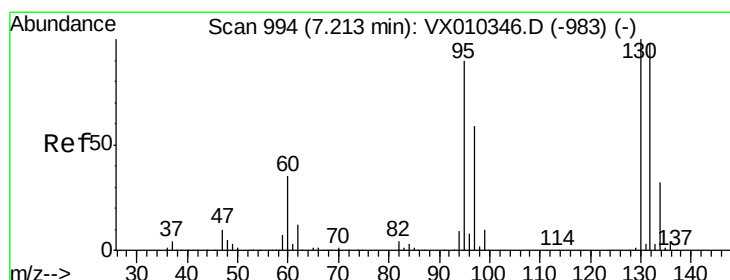
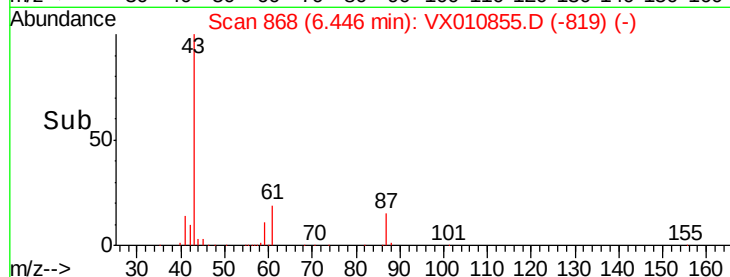
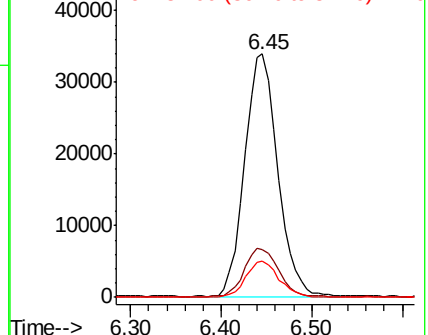
43 100

61 21.6 17.8 26.6

87 15.0 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.945 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010855.D

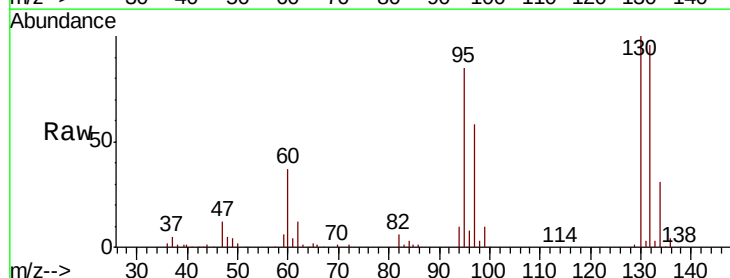
Acq: 12 Jul 2019 23:02

Tgt Ion:130 Resp: 45409

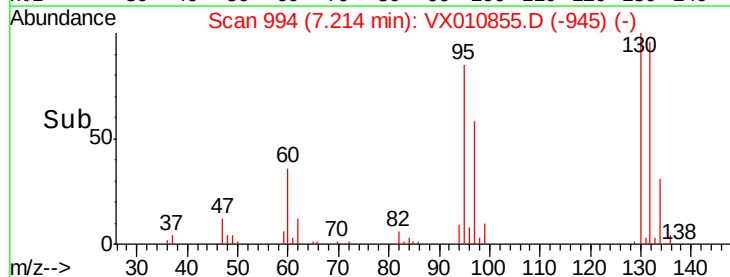
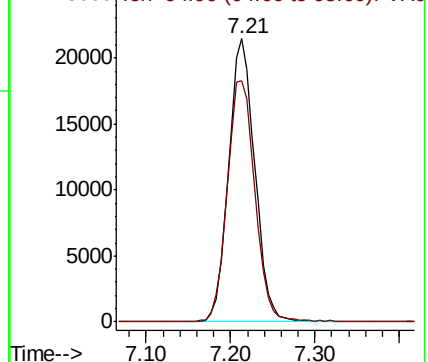
Ion Ratio Lower Upper

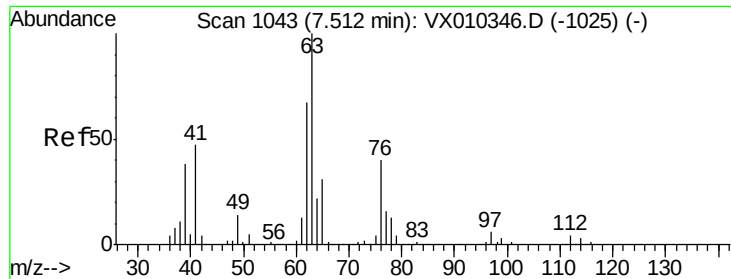
130 100

95 85.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

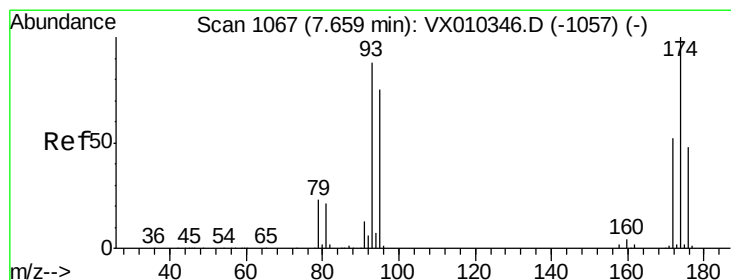
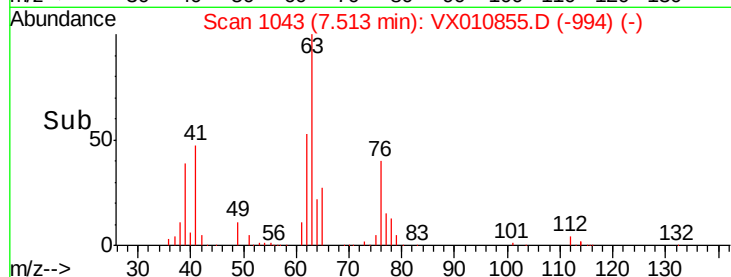
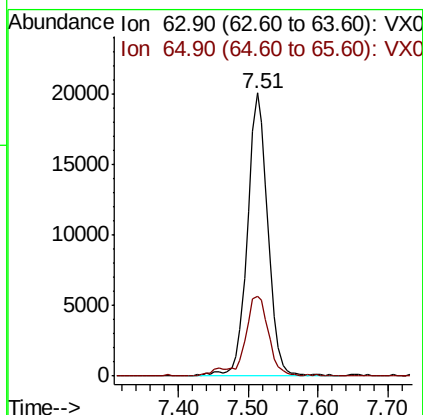
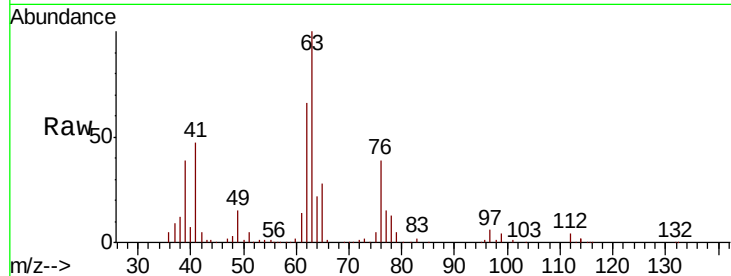




#45
 1,2-Dichloropropane
 Concen: 21.171 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

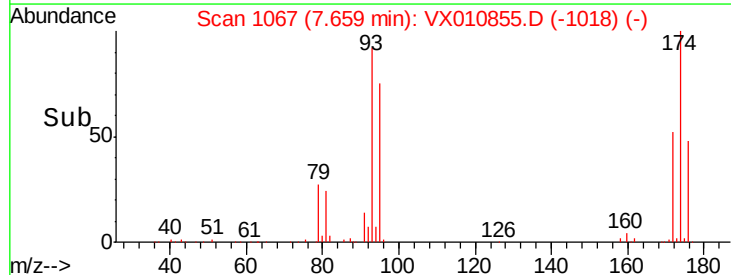
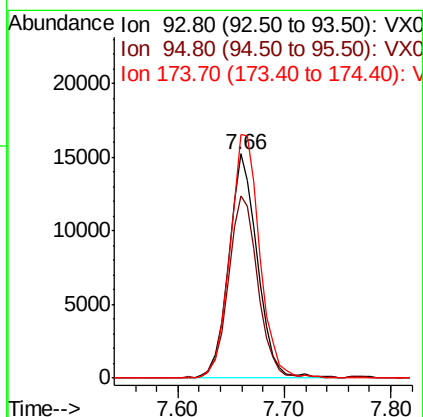
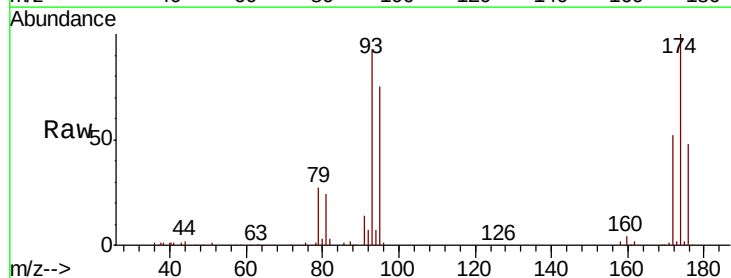
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

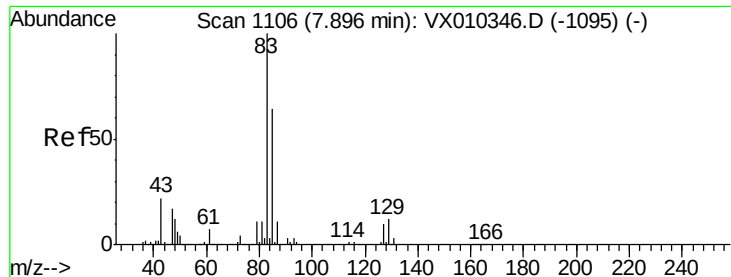
Tot Ion: 63 Resp: 40678
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.8 37.2



#46
 Dibromomethane
 Concen: 20.768 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 93 Resp: 28629
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.5 101.3
 174 112.9 95.8 143.6





#47

Bromodichloromethane

Concen: 19.156 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

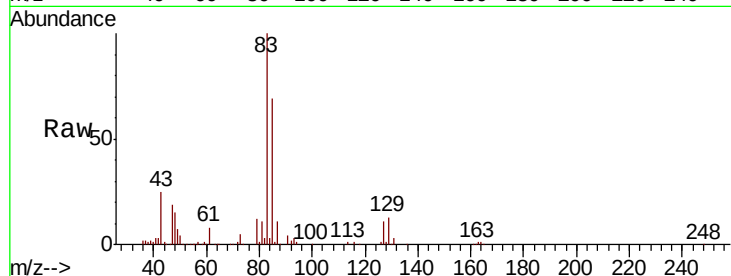
Tot Ion: 83 Resp: 48394

Ion Ratio Lower Upper

83 100

85 69.3 51.5 77.3

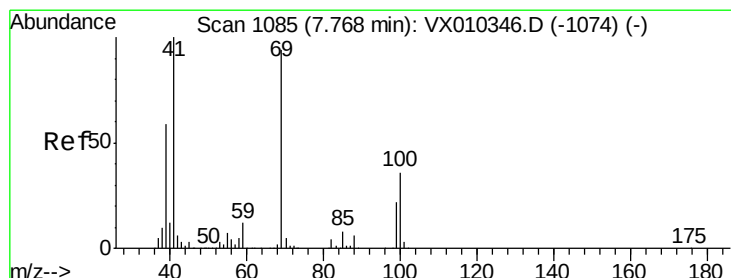
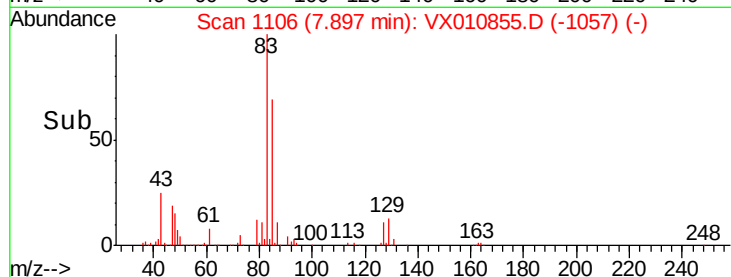
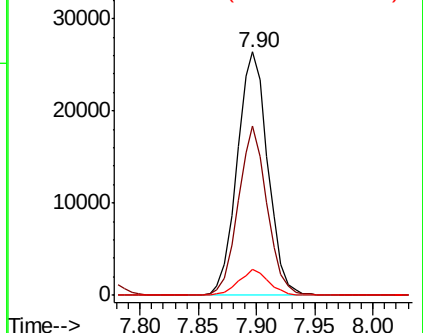
127 10.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.063 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

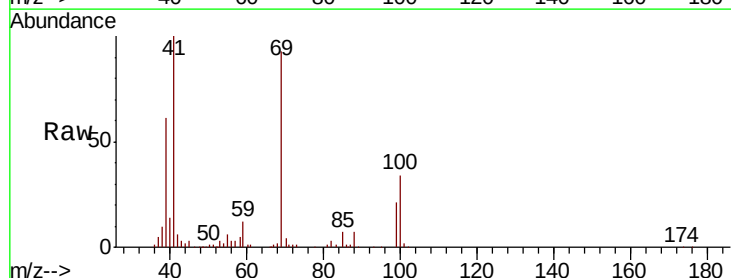
Tgt Ion: 41 Resp: 40696

Ion Ratio Lower Upper

41 100

69 94.2 76.1 114.1

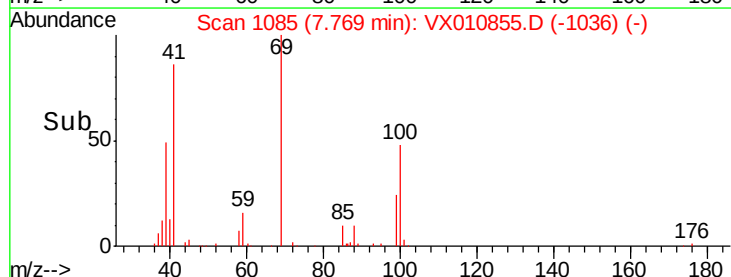
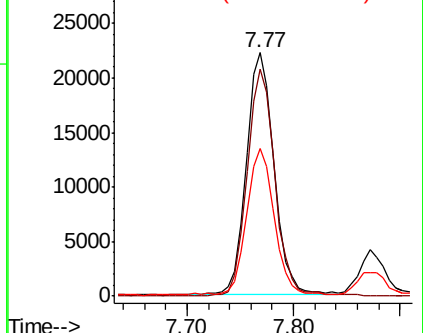
39 60.1 47.6 71.4

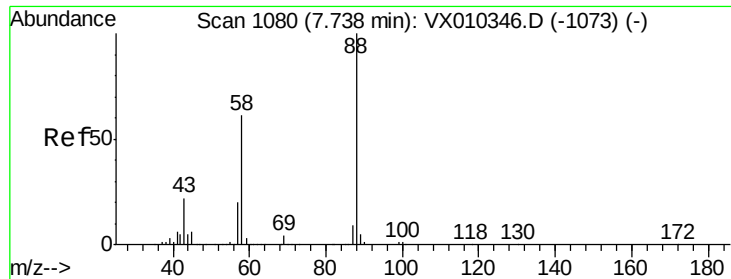


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

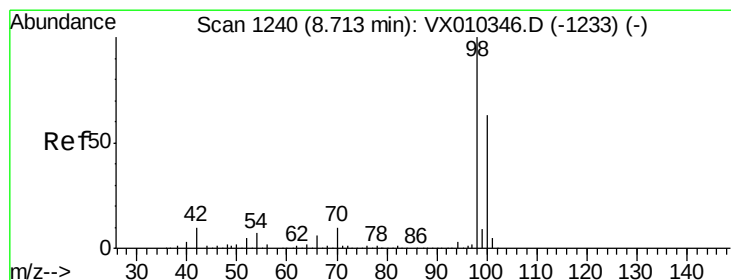
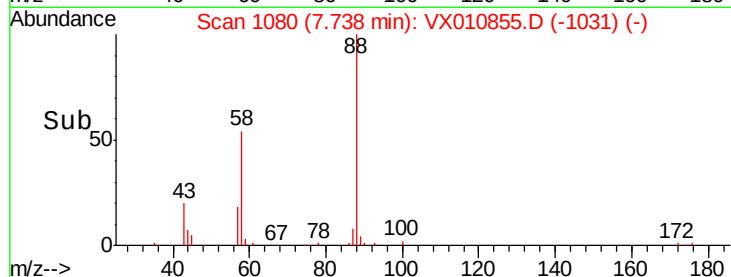
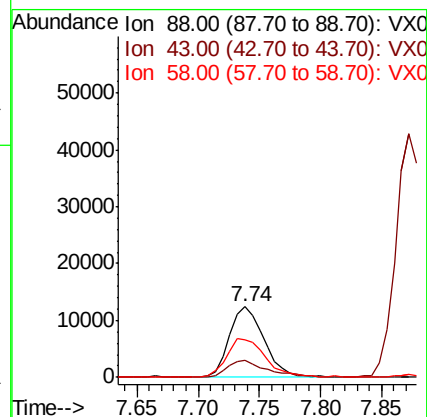
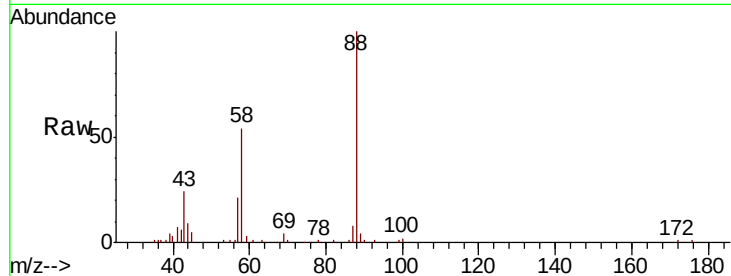




#49
1,4-Dioxane
Concen: 440.915 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

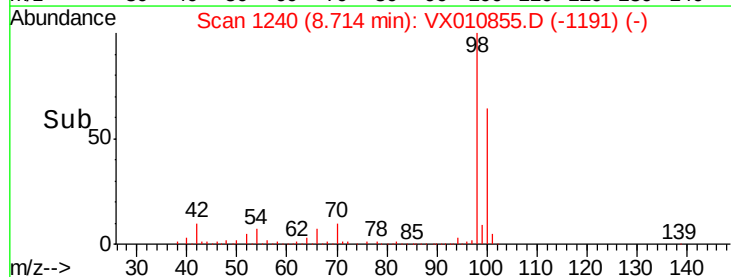
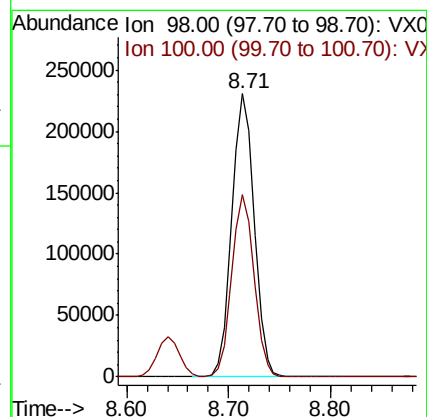
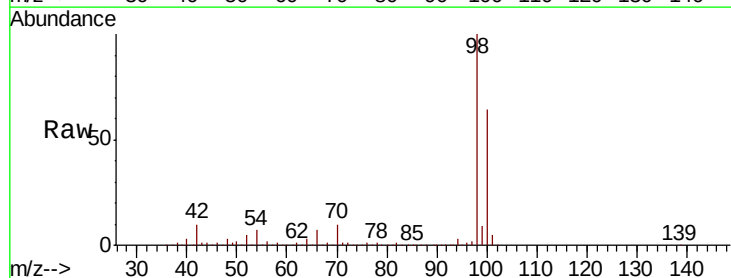
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

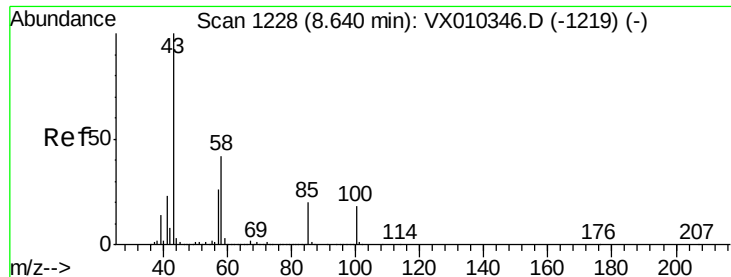
Tot Ion: 88 Resp: 24541
Ion Ratio Lower Upper
88 100
43 25.4 20.2 30.2
58 61.1 49.5 74.3



#50
Toluene-d8
Concen: 48.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 98 Resp: 350291
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

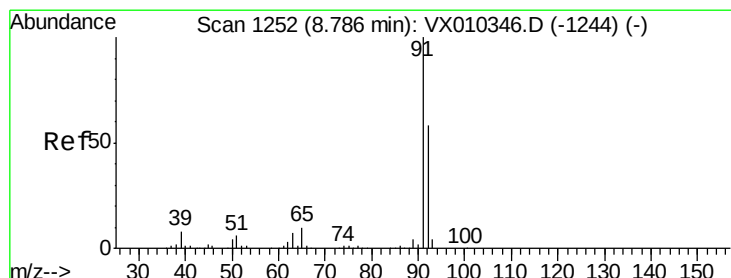
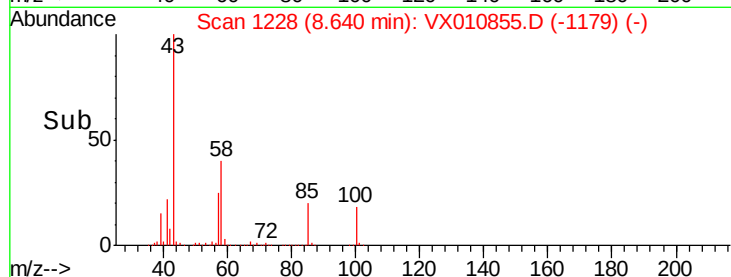
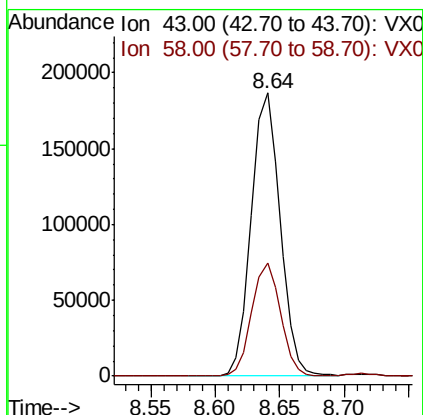
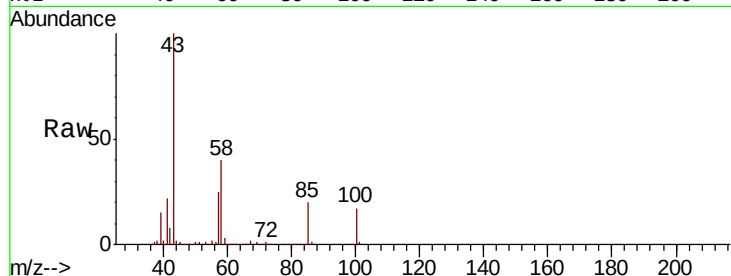




#51
 4-Methyl-2-Pentanone
 Concen: 108.701 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

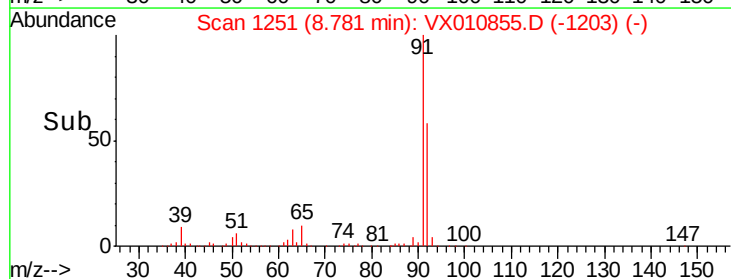
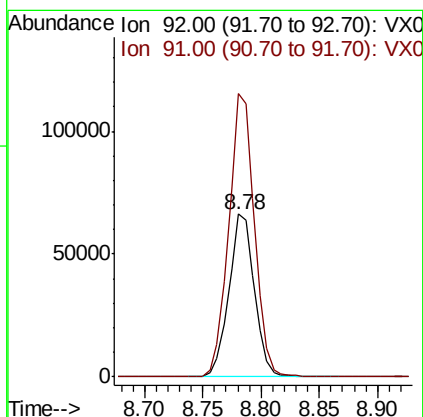
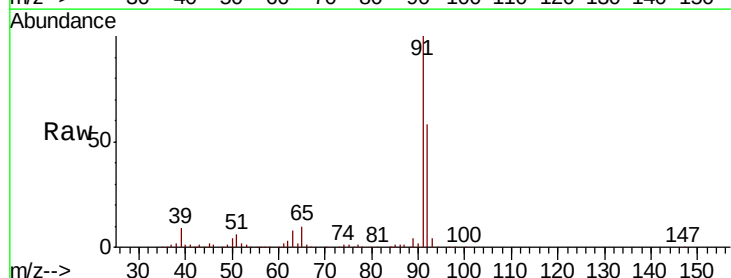
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

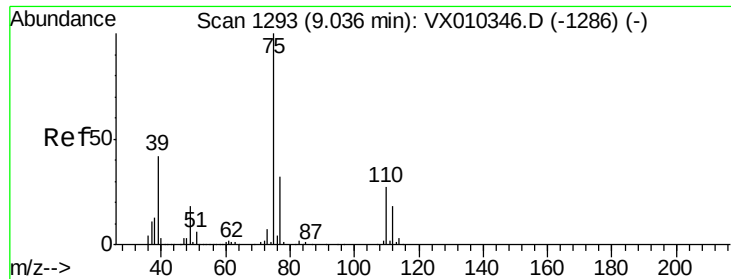
Tot Ion: 43 Resp: 288982
 Ion Ratio Lower Upper
 43 100
 58 39.8 33.5 50.3



#52
 Toluene
 Concen: 20.168 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 92 Resp: 101054
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 17.613 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

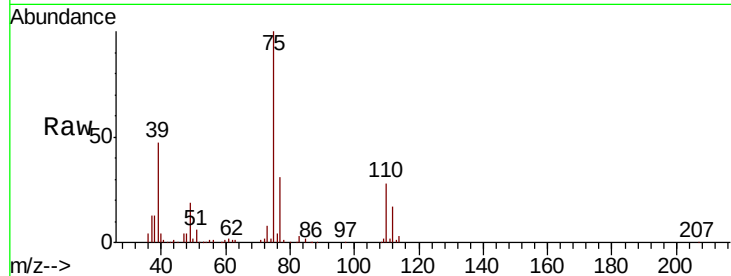
VX0712WBS03

Tot Ion: 75 Resp: 49888

Ion Ratio Lower Upper

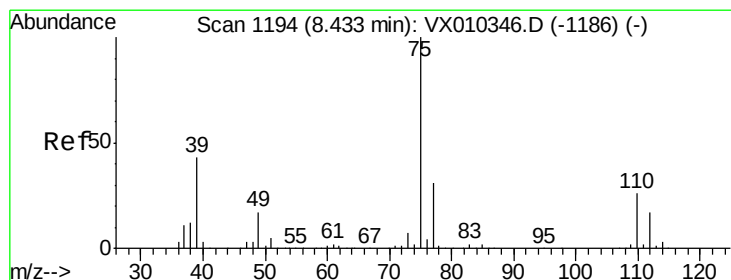
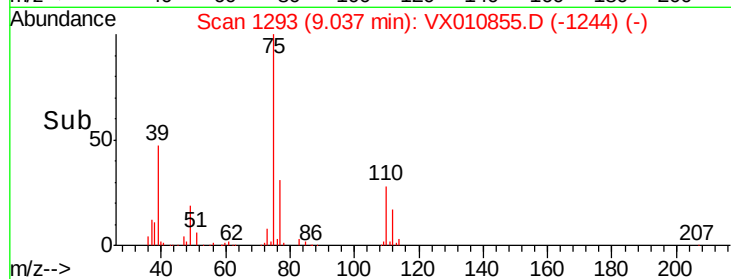
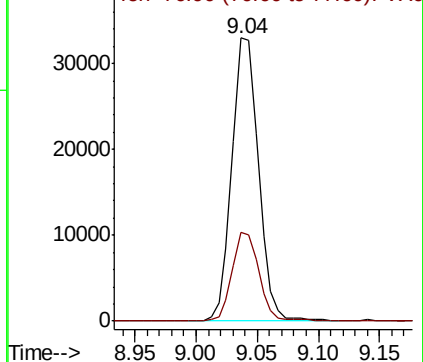
75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.763 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

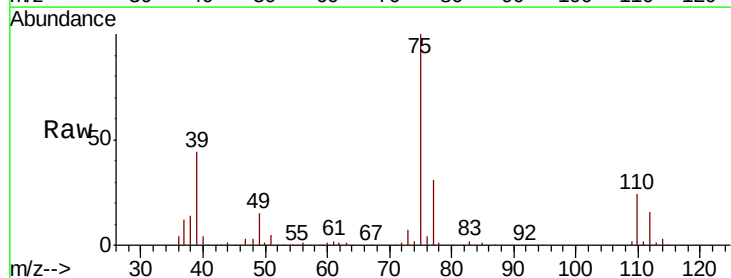
Tgt Ion: 75 Resp: 57753

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

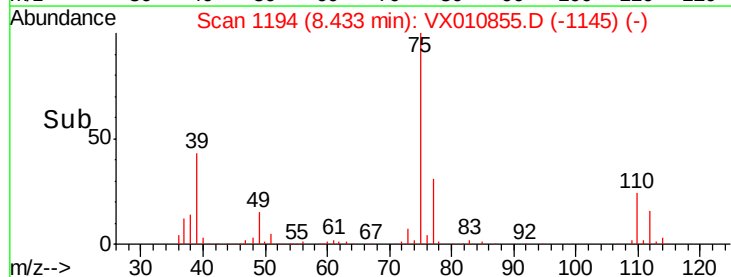
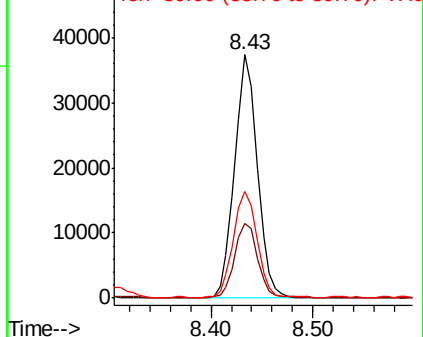
39 43.4 34.5 51.7

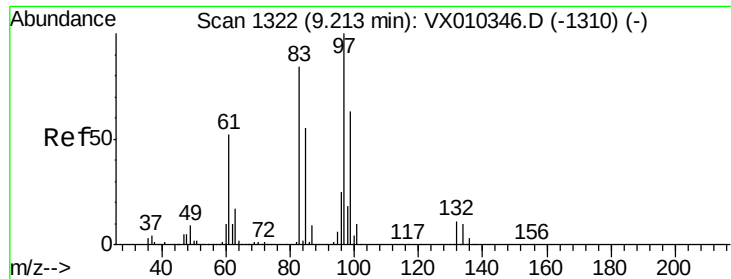


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

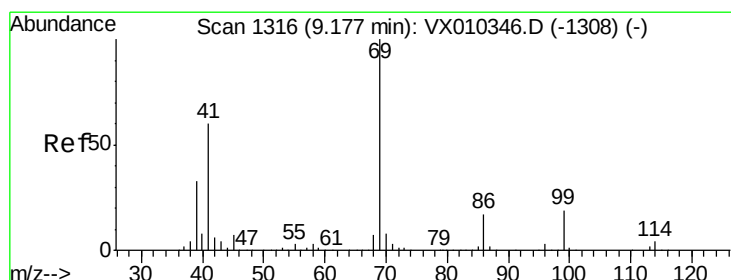
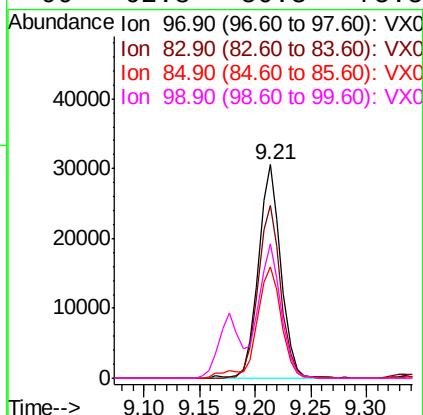
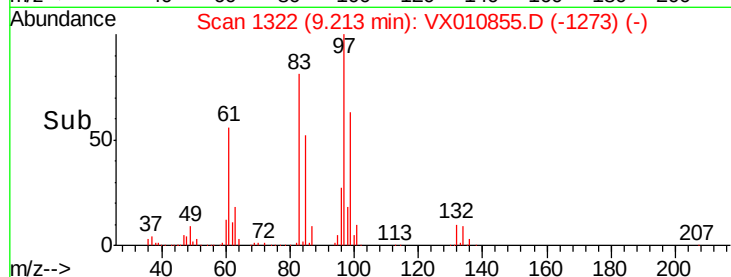
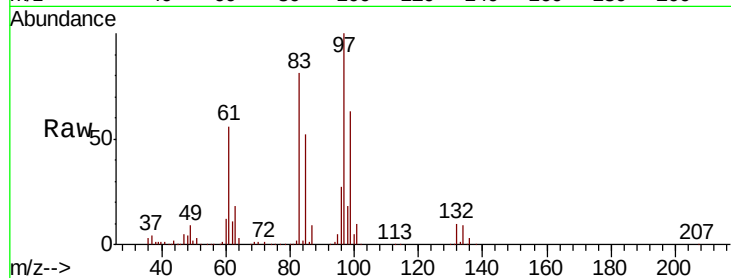




#55
1,1,2-Trichloroethane
Concen: 20.915 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

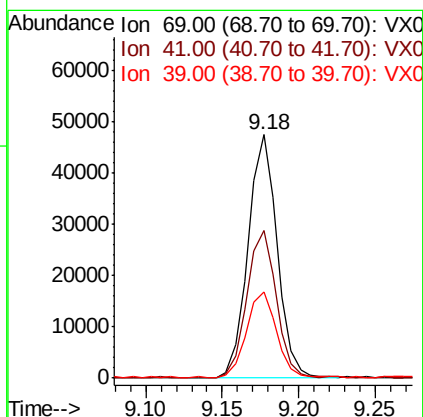
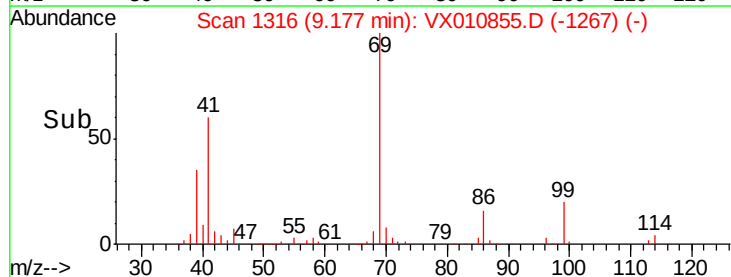
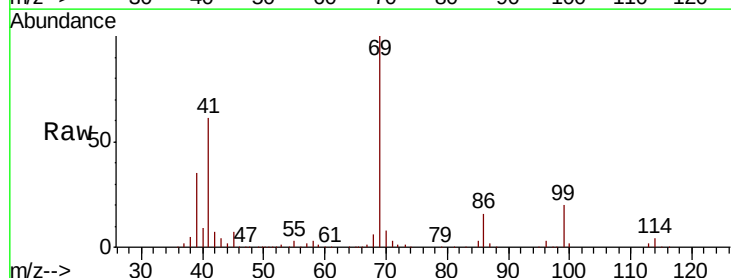
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

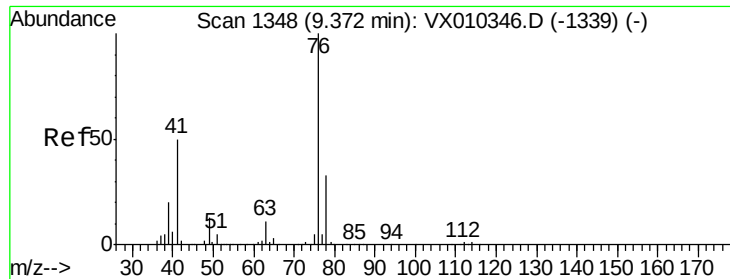
Tot Ion: 97 Resp: 43219
Ion Ratio Lower Upper
97 100
83 80.9 67.4 101.0
85 52.1 43.8 65.8
99 62.8 50.3 75.5



#56
Ethyl methacrylate
Concen: 20.112 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 69 Resp: 62958
Ion Ratio Lower Upper
69 100
41 61.2 47.1 70.7
39 36.0 26.6 40.0

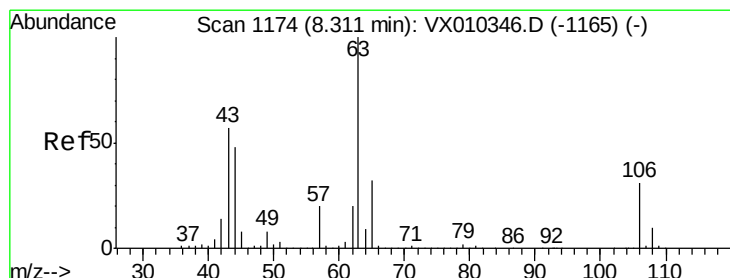
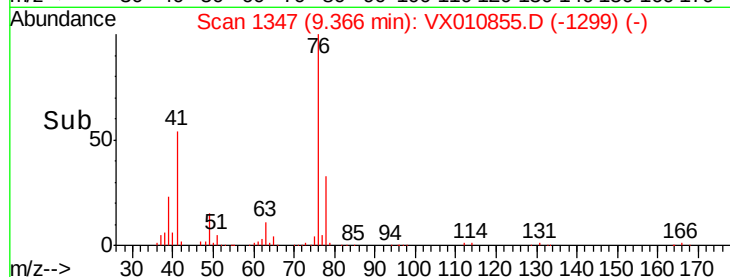
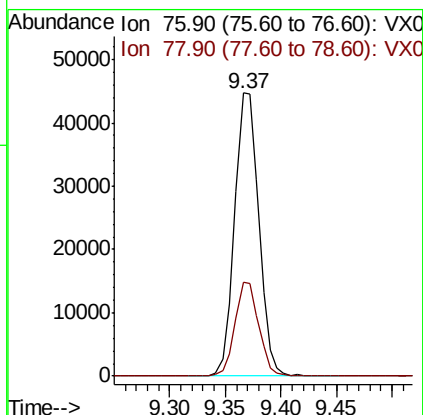
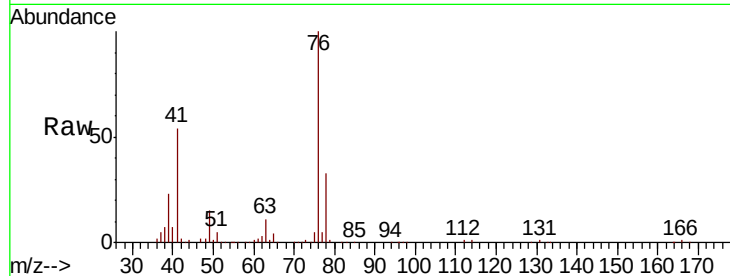




#57
 1,3-Dichloropropane
 Concen: 21.029 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

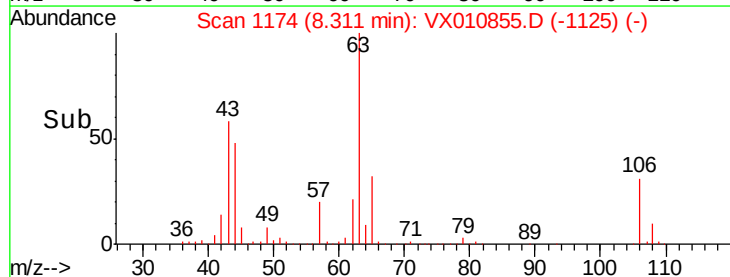
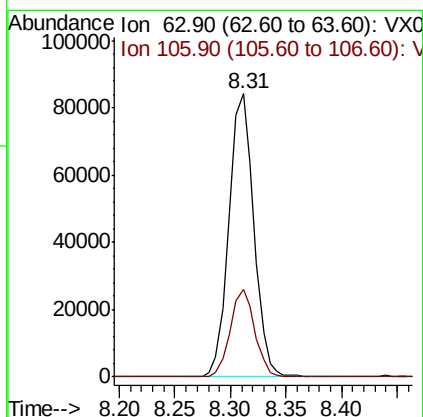
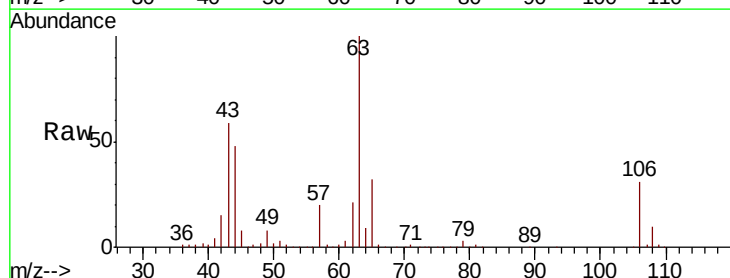
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

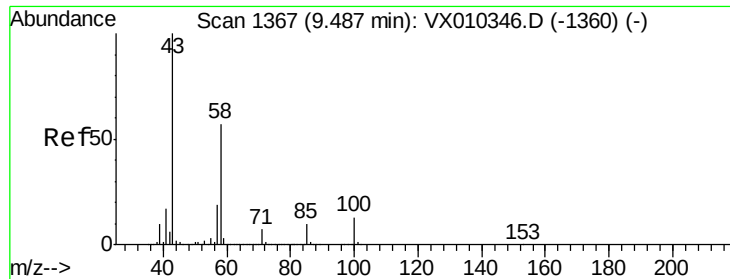
Tot Ion: 76 Resp: 67455
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.894 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 63 Resp: 130672
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1

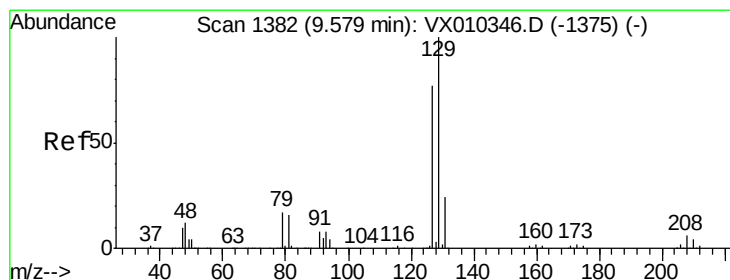
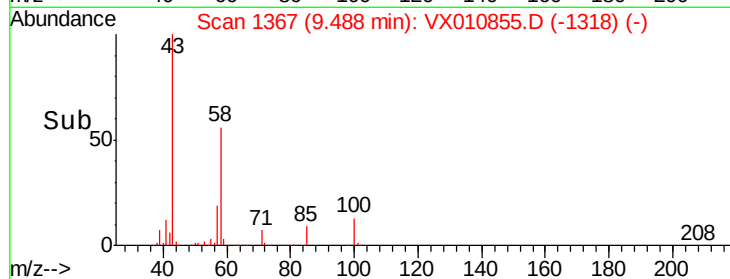
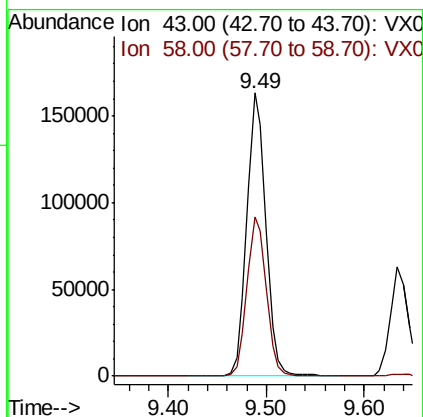
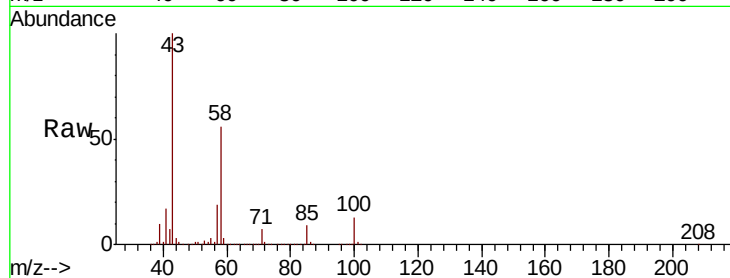




#59
2-Hexanone
Concen: 105.490 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

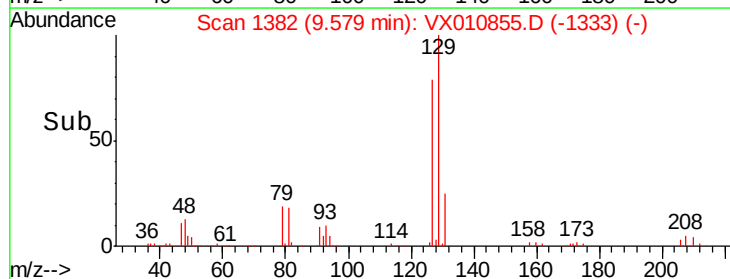
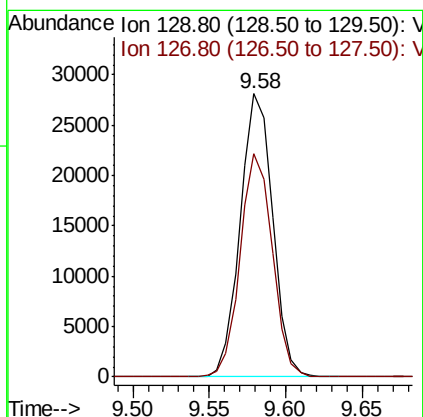
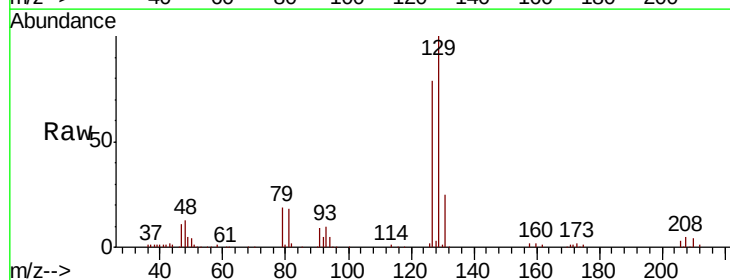
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

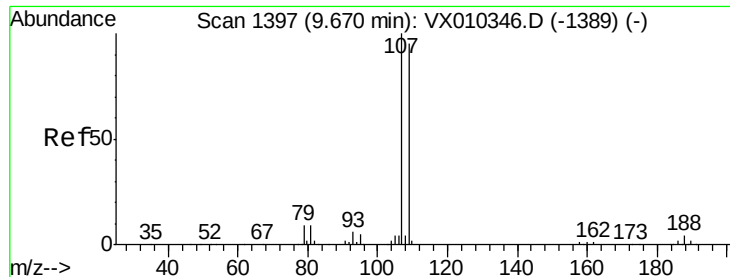
Tot Ion: 43 Resp: 220720
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.1



#60
Dibromochloromethane
Concen: 17.927 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 129 Resp: 41478
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1

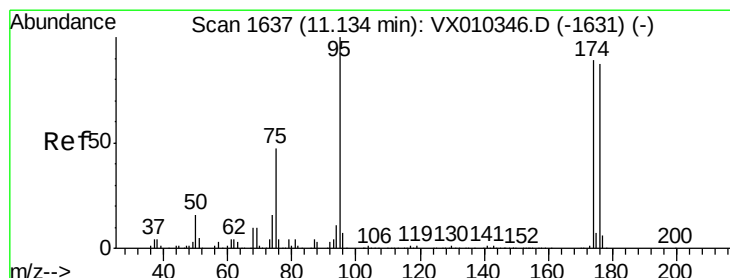
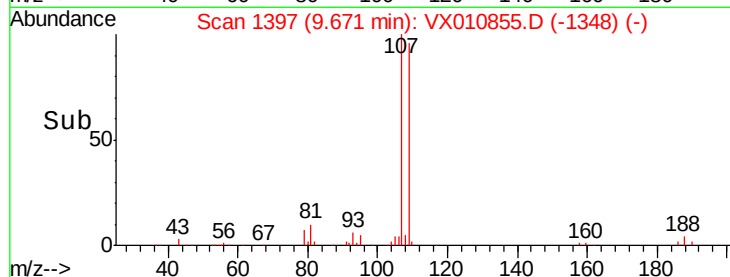
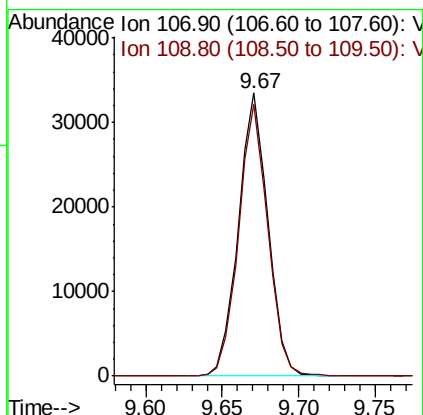
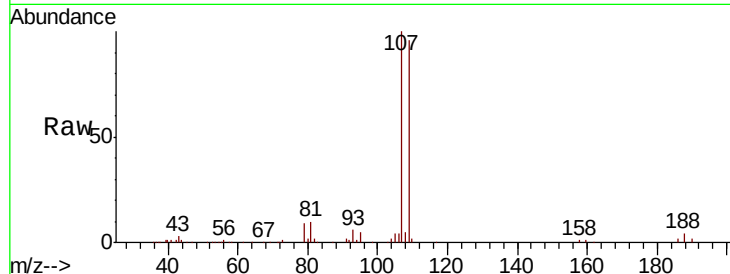




#61
 1,2-Dibromoethane
 Concen: 20.080 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

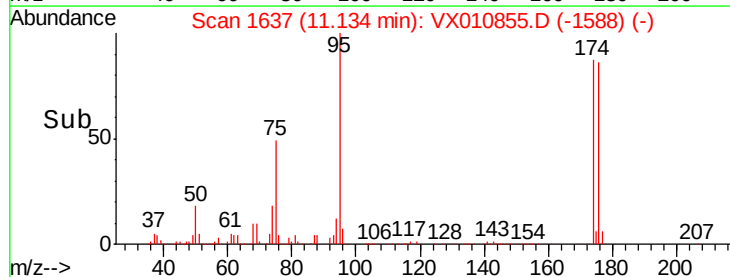
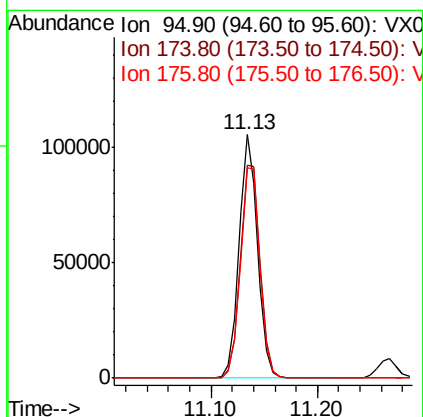
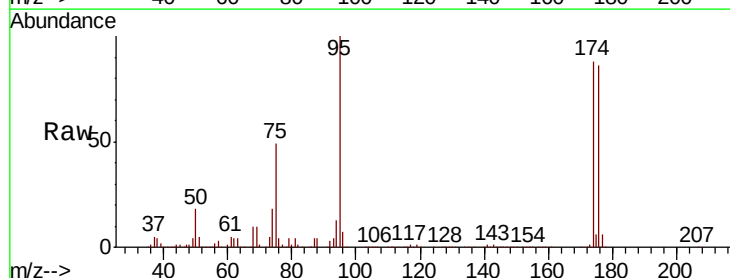
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

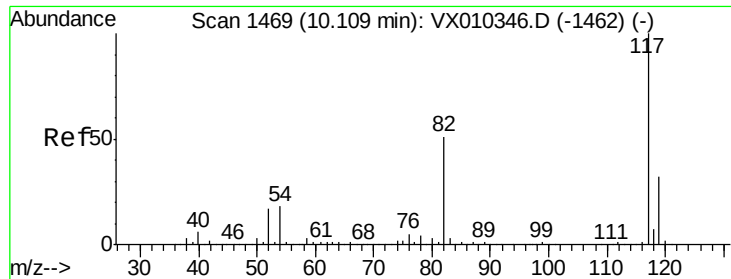
Tot Ion:107 Resp: 44789
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.154 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 95 Resp: 127660
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 187.6
 176 91.6 0.0 184.0

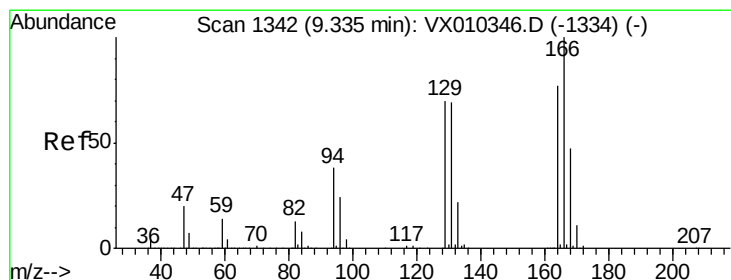
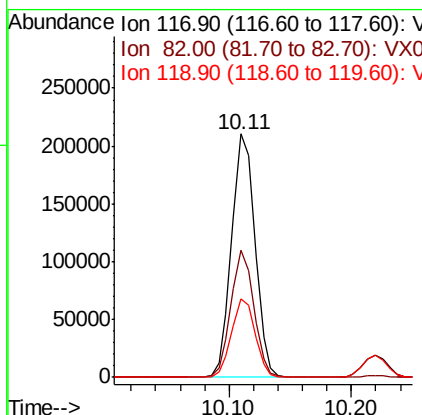
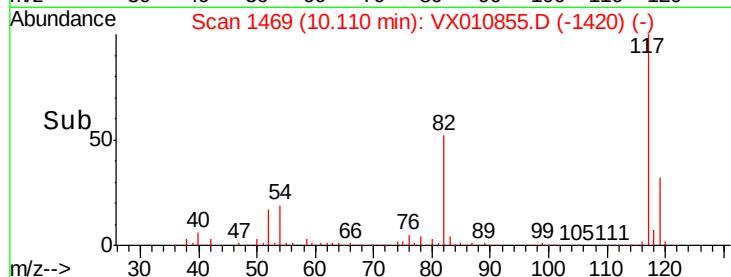
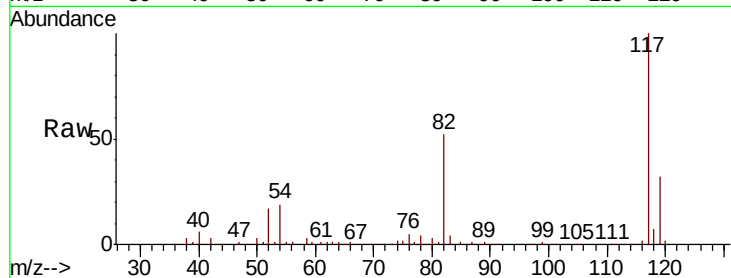




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

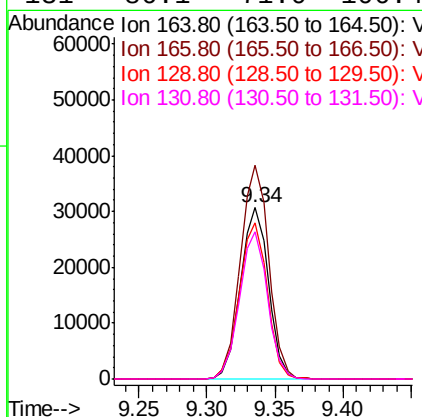
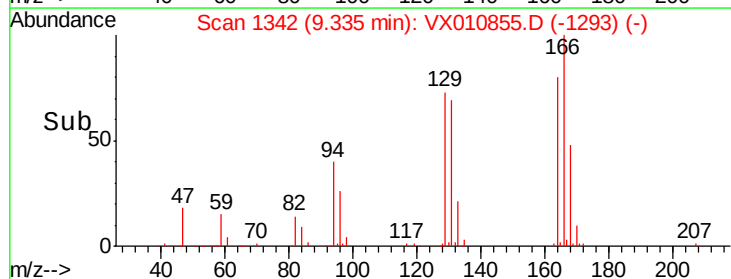
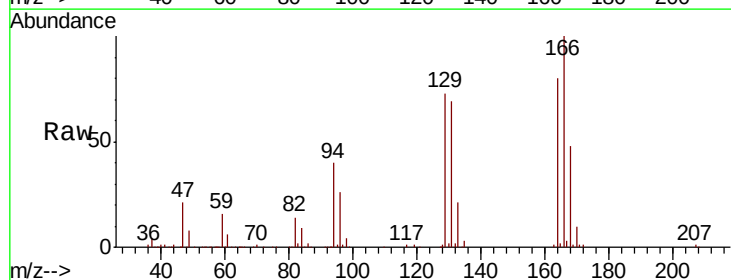
Instrument :
MSVOA_X
ClientSampled :
VX0712WBS03

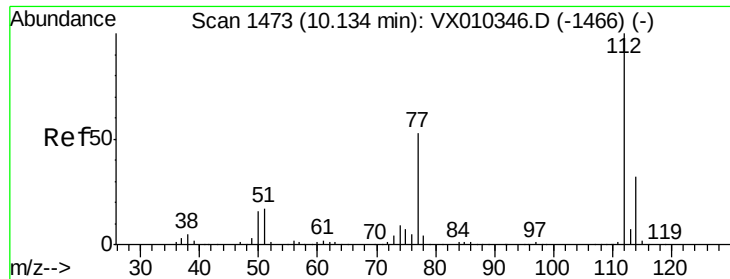
Tot Ion:117 Resp: 278669
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.670 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion:164 Resp: 44336
Ion Ratio Lower Upper
164 100
166 124.9 103.6 155.4
129 91.2 73.0 109.4
131 86.1 71.0 106.4

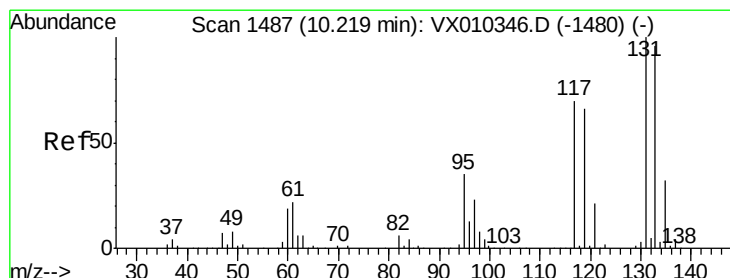
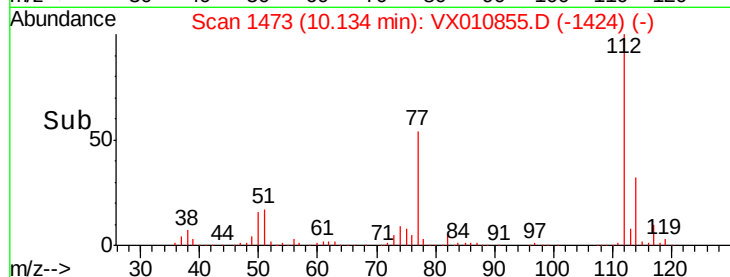
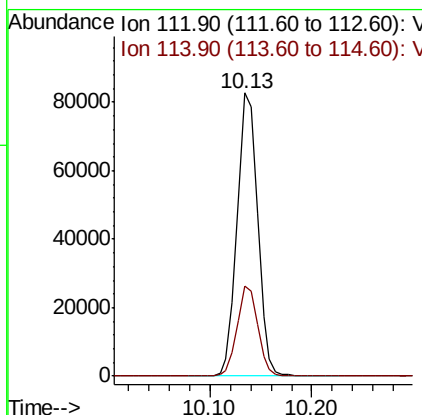
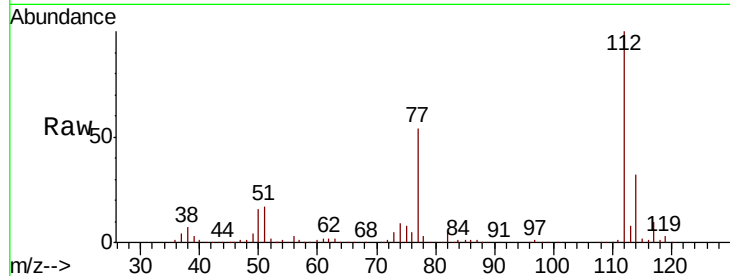




#65
Chlorobenzene
Concen: 20.247 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

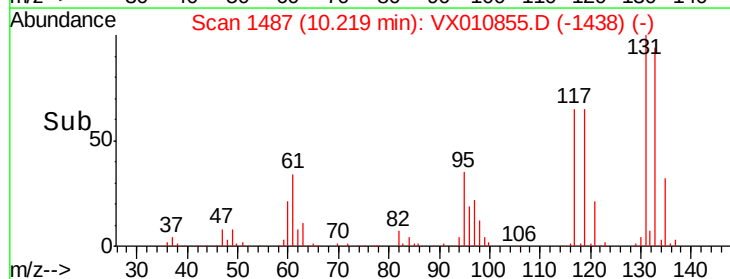
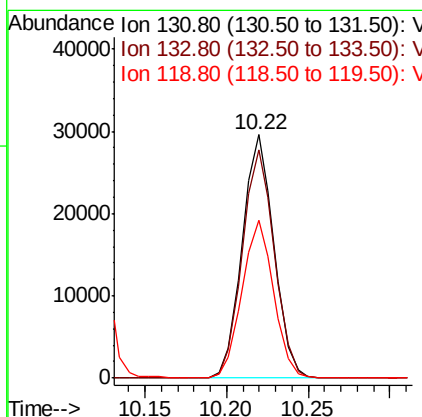
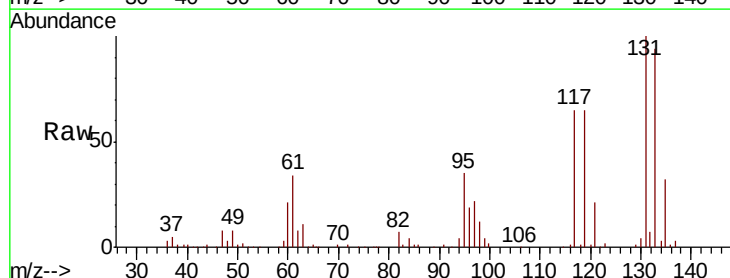
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

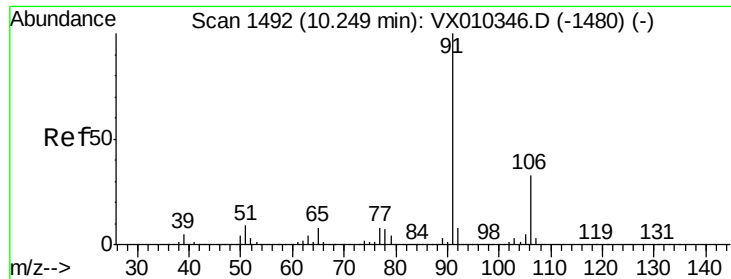
Tot Ion:112 Resp: 114545
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.419 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion:131 Resp: 40017
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 65.2 32.6 97.7

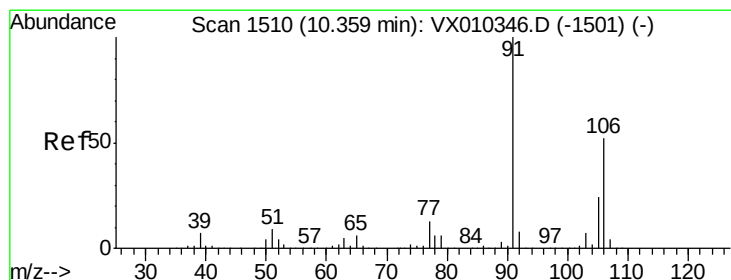
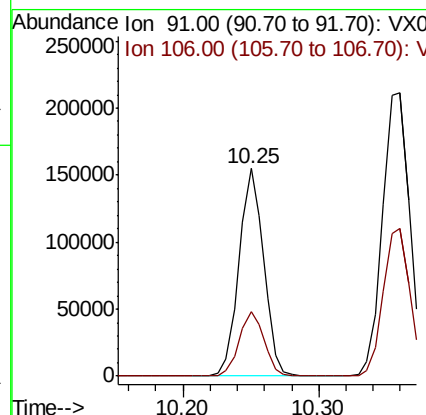
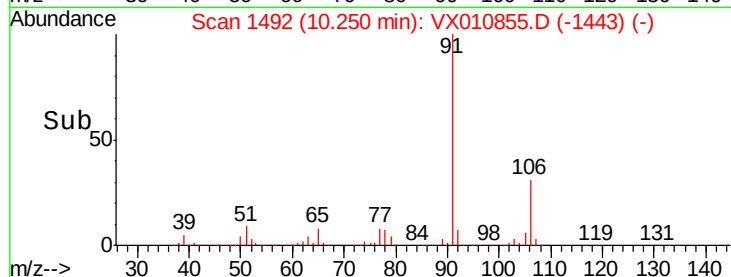
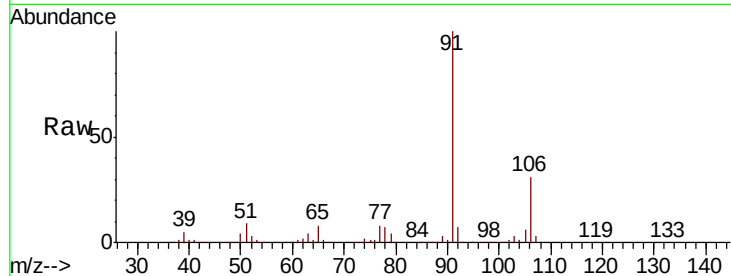




#67
Ethyl Benzene
Concen: 20.489 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

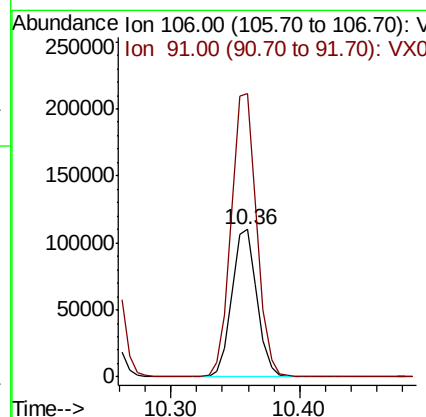
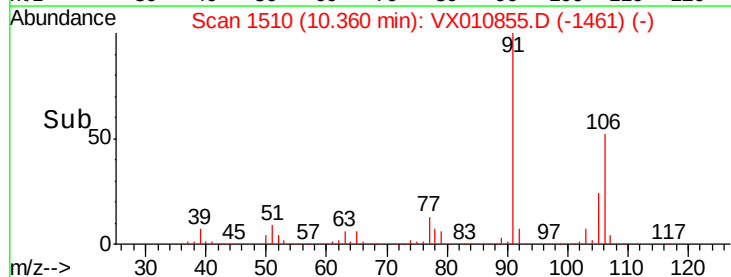
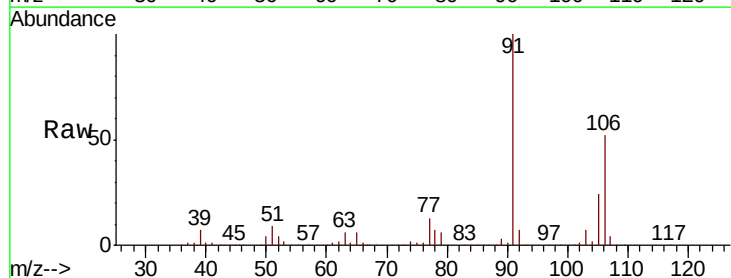
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

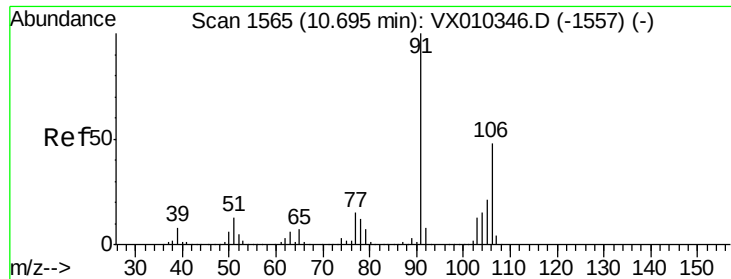
Tot Ion: 91 Resp: 195695
Ion Ratio Lower Upper
91 100
106 31.2 26.2 39.2



#68
m/p-Xylenes
Concen: 40.698 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 106 Resp: 150617
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9

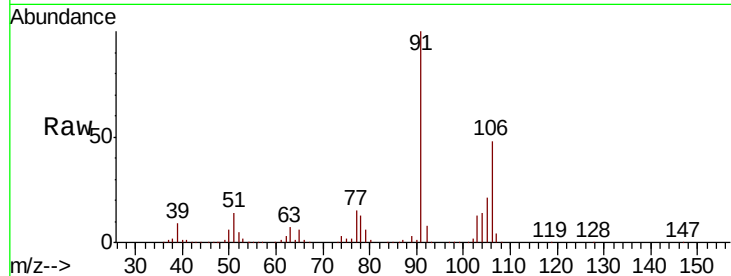




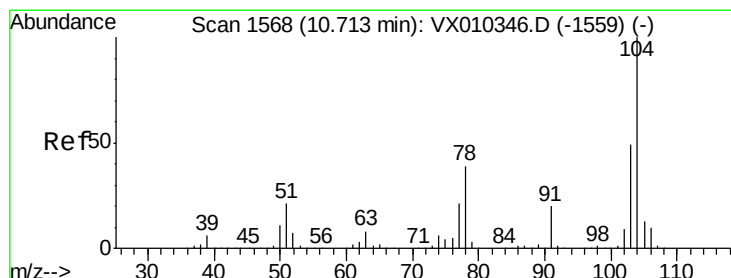
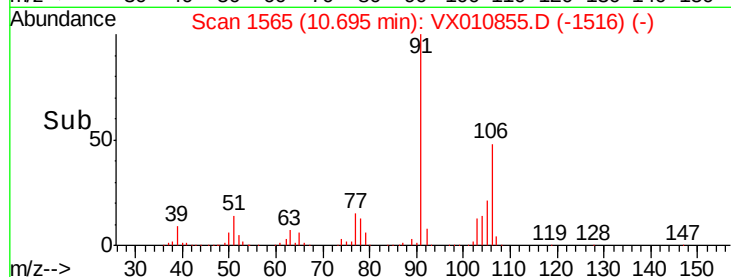
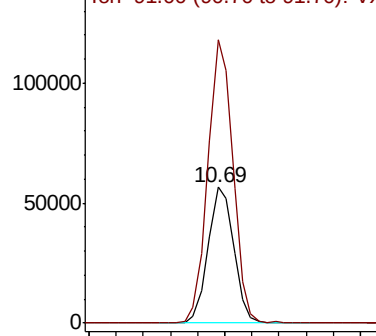
#69
o-Xylene
Concen: 20.442 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampled :
VX0712WBS03

Tot Ion:106 Resp: 74397
Ion Ratio Lower Upper
106 100
91 204.2 102.7 308.1

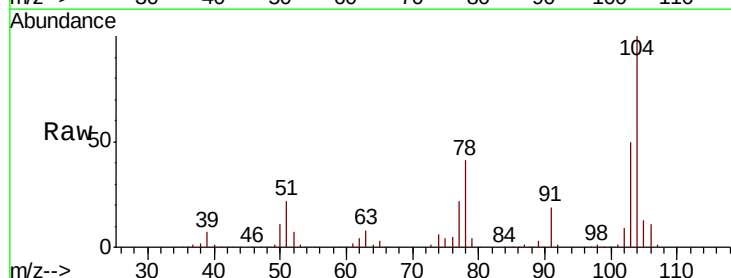


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

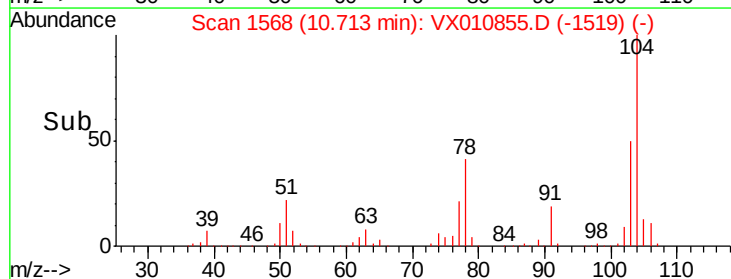
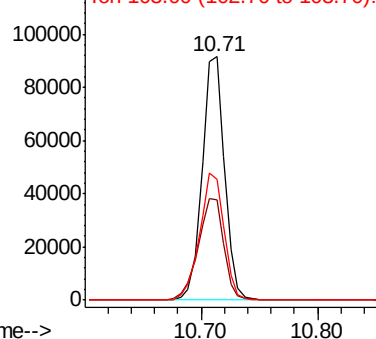


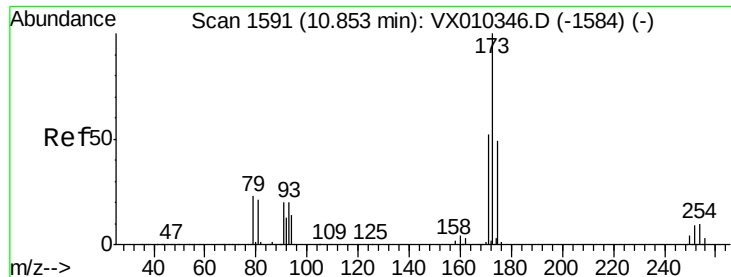
#70
Styrene
Concen: 20.184 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion:104 Resp: 123189
Ion Ratio Lower Upper
104 100
78 47.4 36.2 54.2
103 56.5 44.2 66.4



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





#71

Bromoform

Concen: 16.782 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

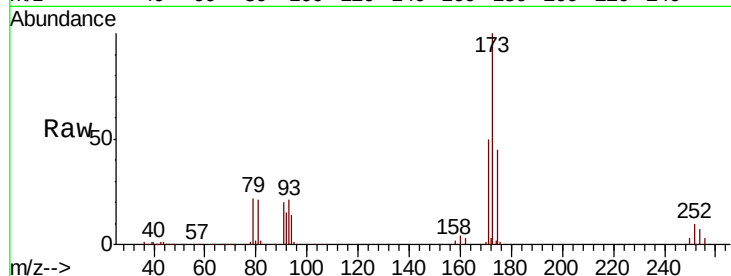
Tot Ion:173 Resp: 30075

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

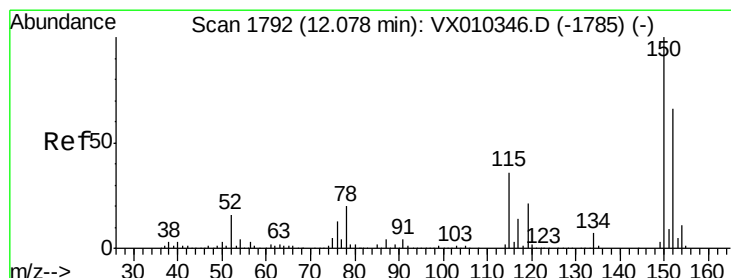
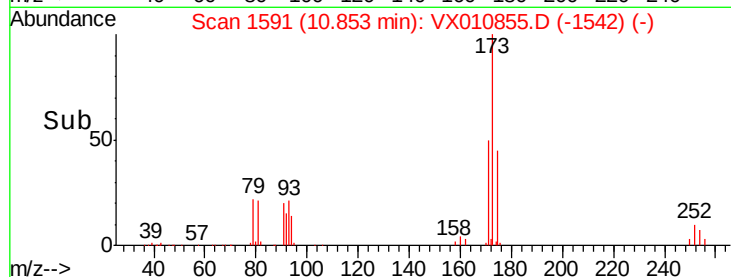
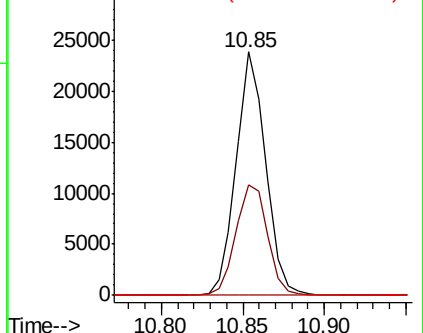
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

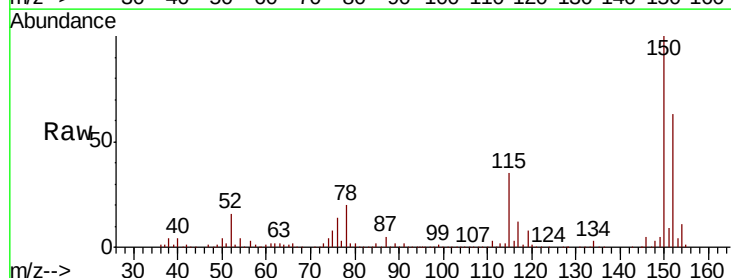
Tgt Ion:152 Resp: 143516

Ion Ratio Lower Upper

152 100

115 65.8 38.6 115.7

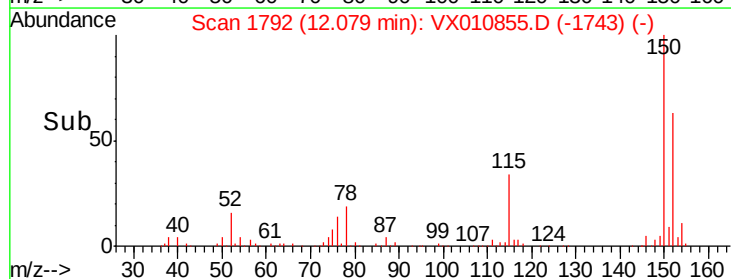
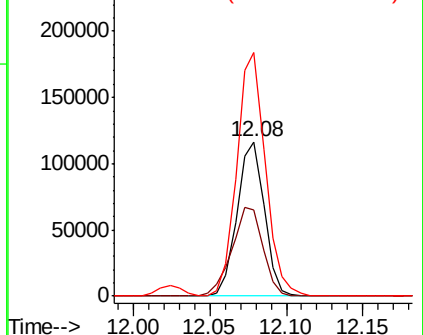
150 164.9 0.0 347.4

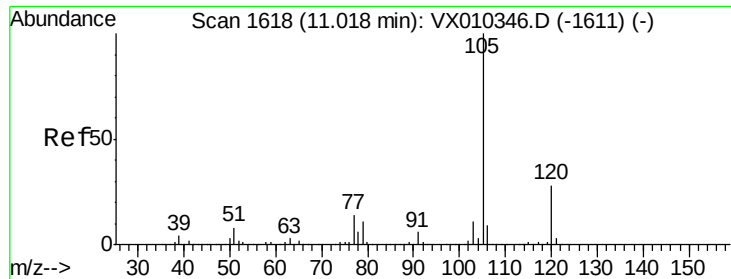


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.387 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

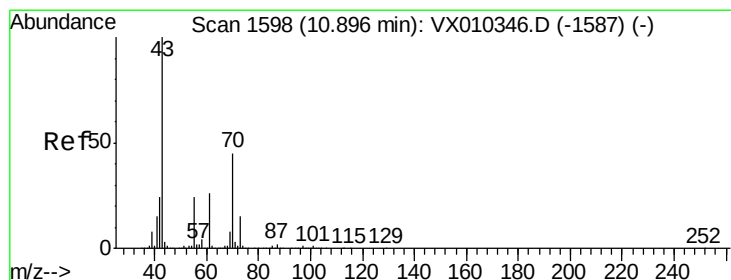
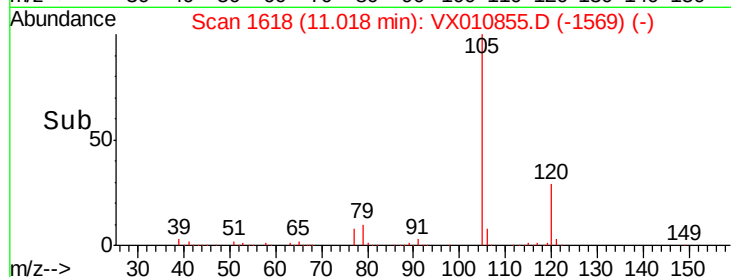
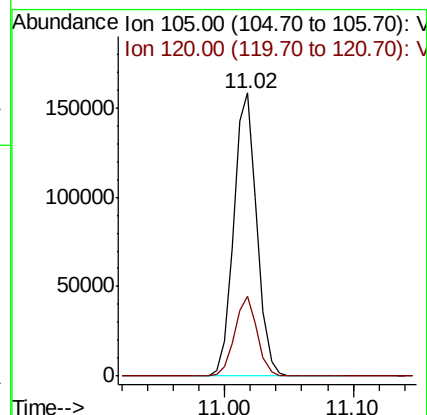
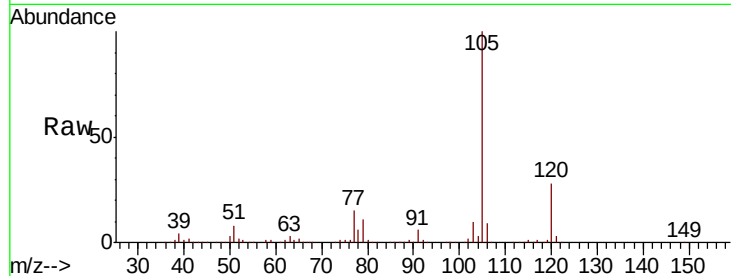
VX0712WBS03

Tot Ion:105 Resp: 198336

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 20.802 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Tgt Ion: 43 Resp: 76482

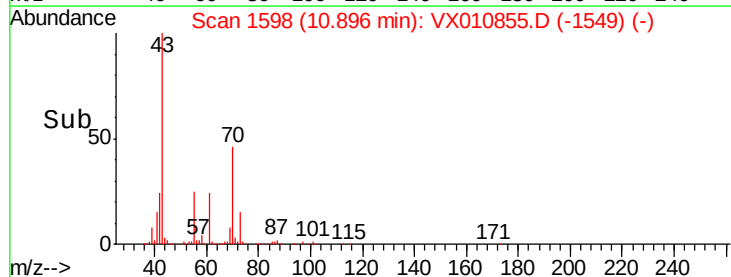
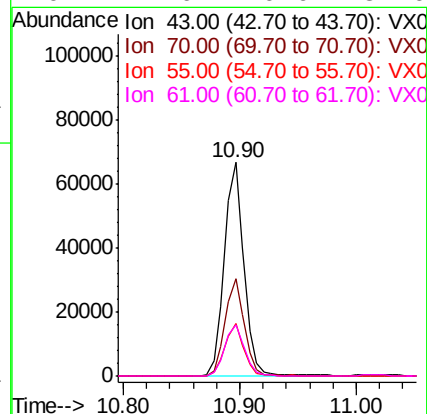
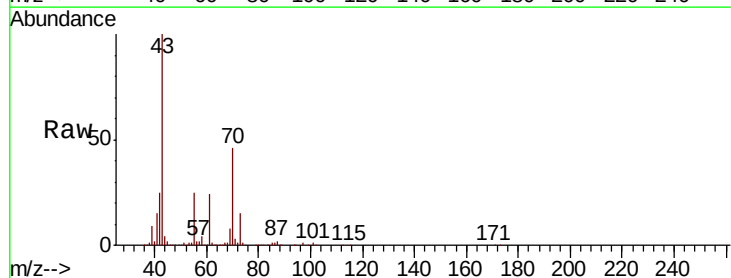
Ion Ratio Lower Upper

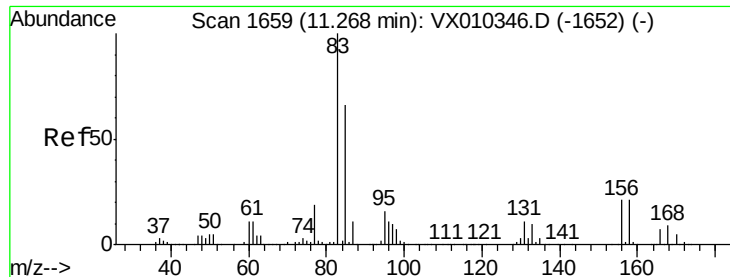
43 100

70 45.8 36.6 54.8

55 24.4 18.7 28.1

61 24.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.660 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

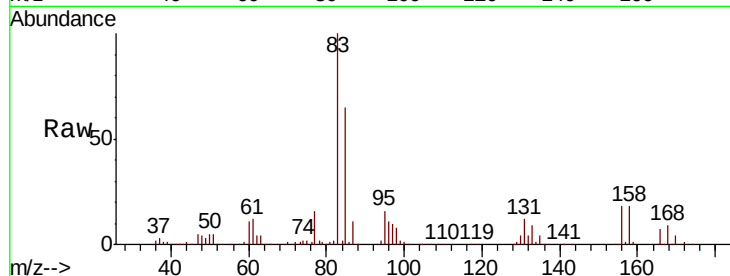
Tot Ion: 83 Resp: 66565

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

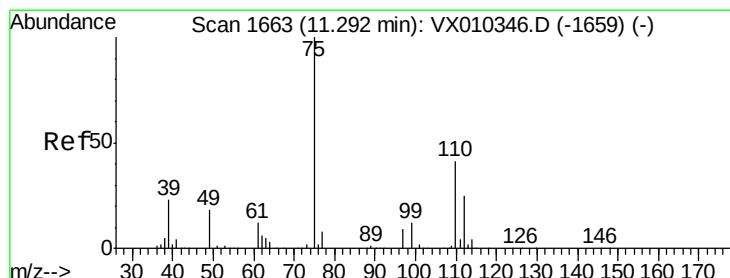
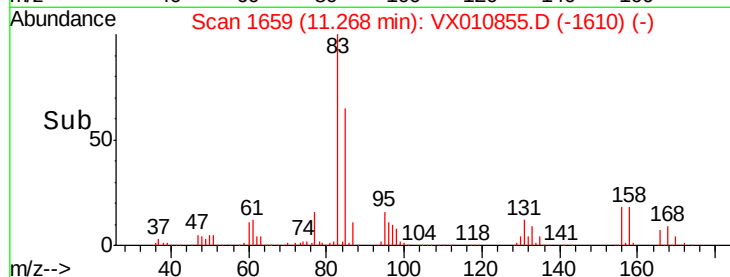
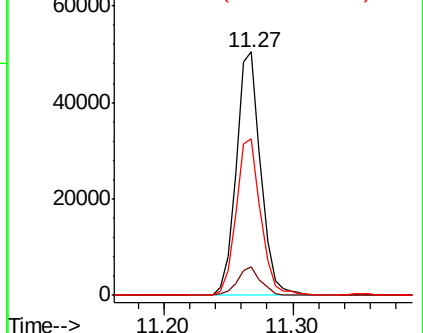
85 65.0 32.3 96.8



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: 25.623 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010855.D

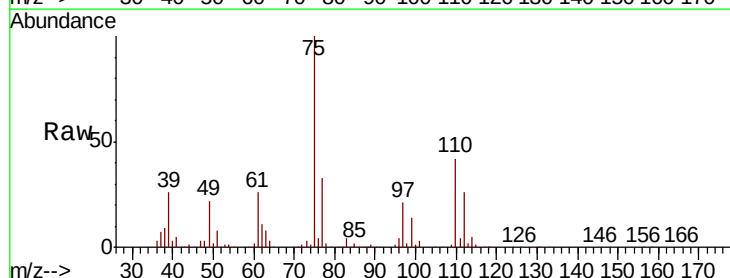
Acq: 12 Jul 2019 23:02

Tgt Ion: 75 Resp: 67009

Ion Ratio Lower Upper

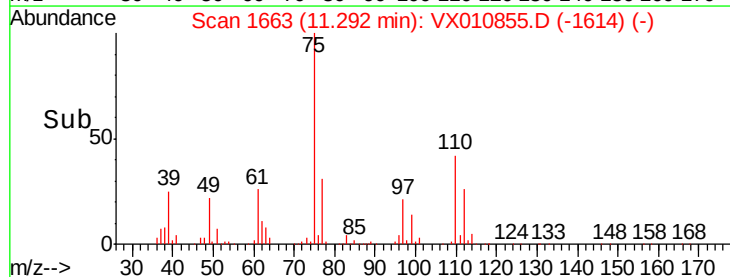
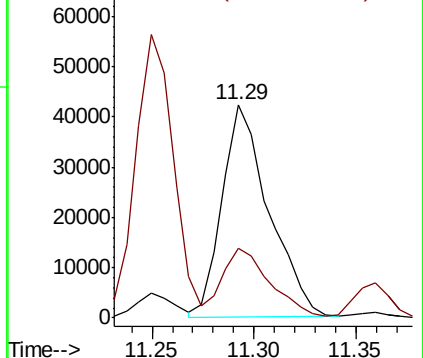
75 100

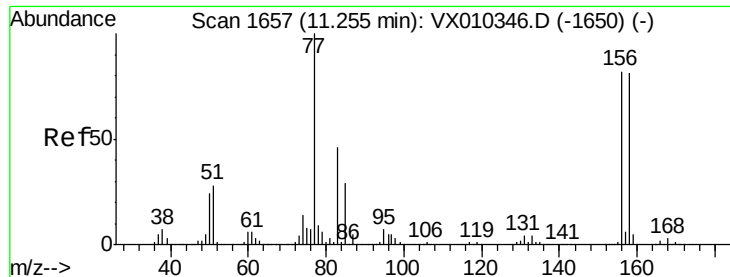
77 33.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.675 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

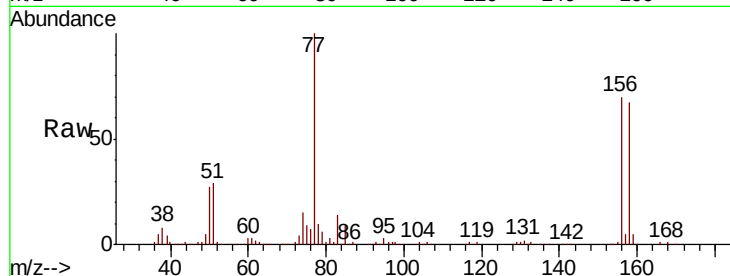
Tot Ion:156 Resp: 53446

Ion Ratio Lower Upper

156 100

77 136.0 66.3 198.7

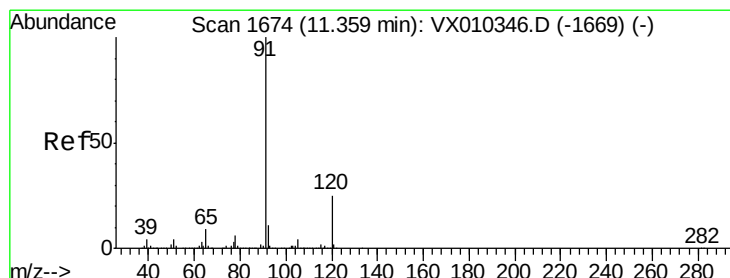
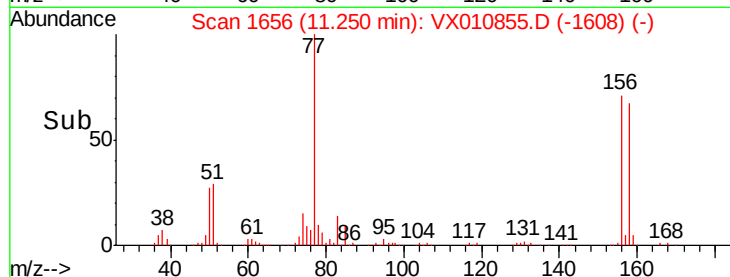
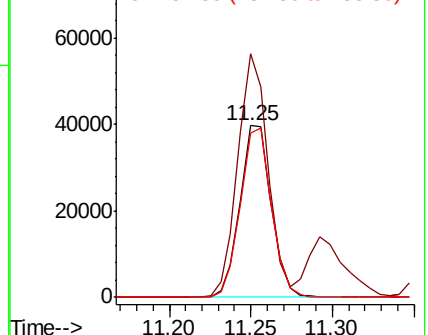
158 97.6 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.298 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010855.D

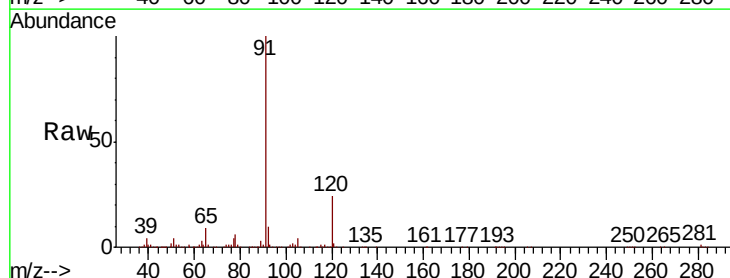
Acq: 12 Jul 2019 23:02

Tgt Ion: 91 Resp: 217033

Ion Ratio Lower Upper

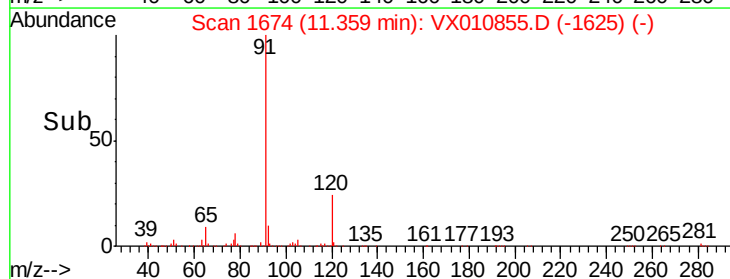
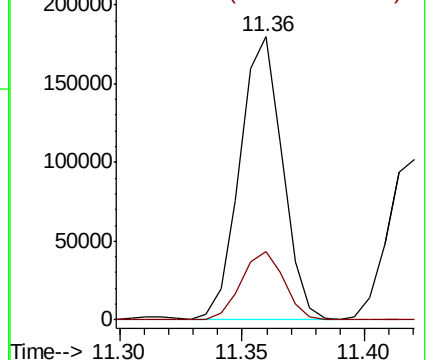
91 100

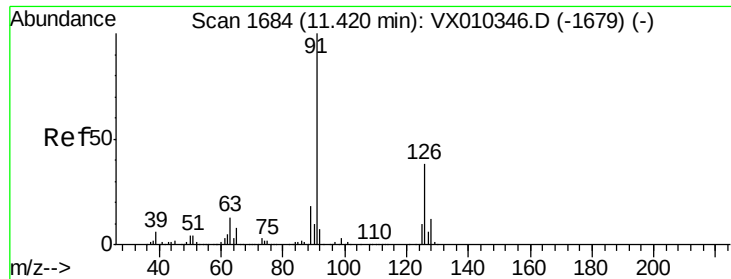
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

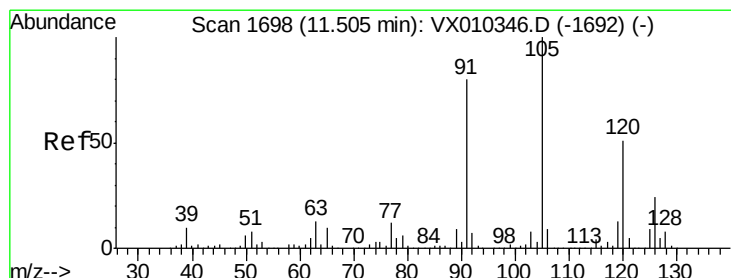
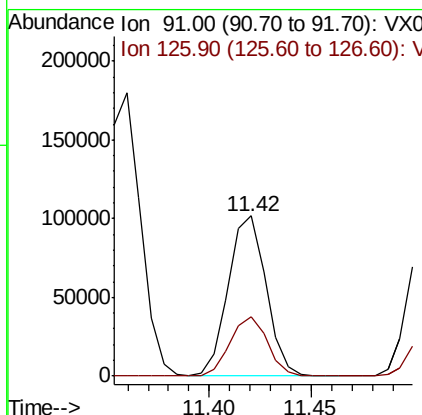
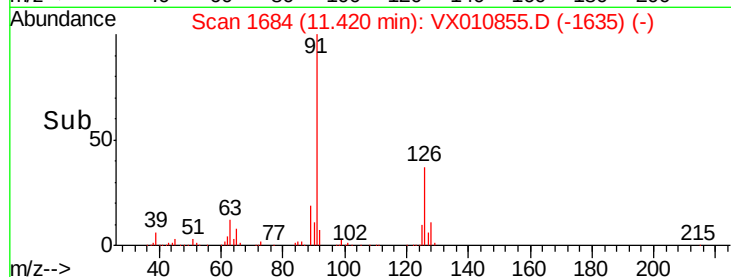
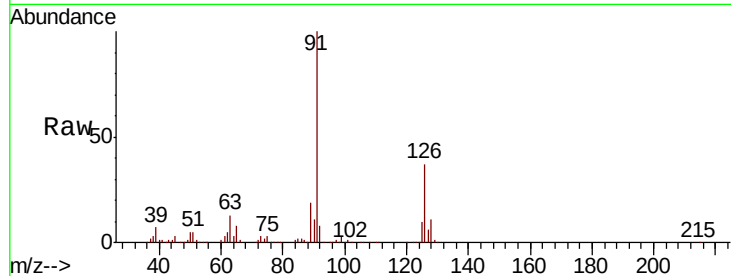




#79
 2-Chlorotoluene
 Concen: 20.490 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

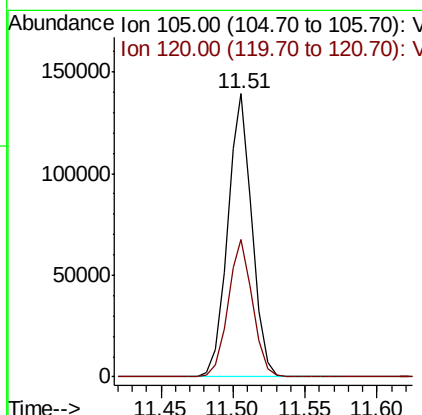
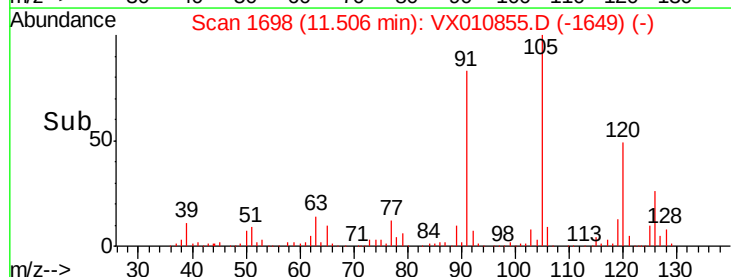
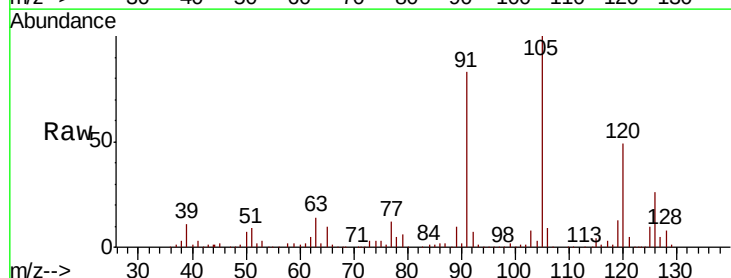
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

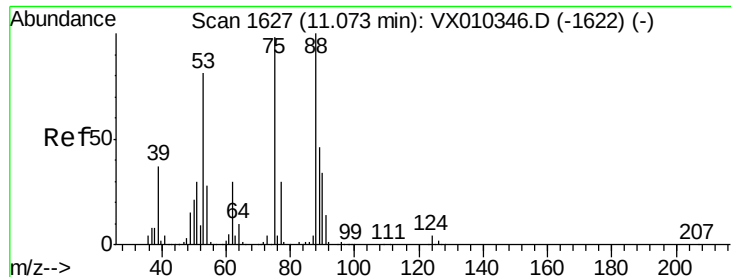
Tot Ion: 91 Resp: 130459
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.517 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion: 105 Resp: 164549
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.861 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

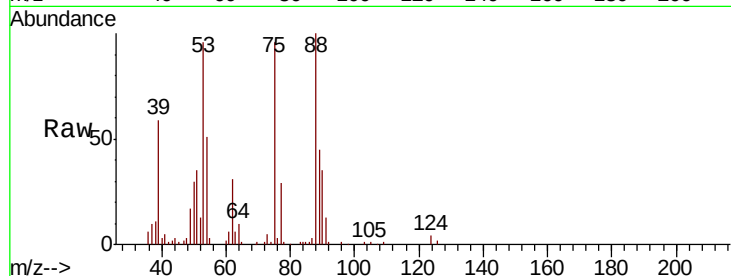
Tot Ion: 75 Resp: 15538

Ion Ratio Lower Upper

75 100

53 105.4 66.1 99.1#

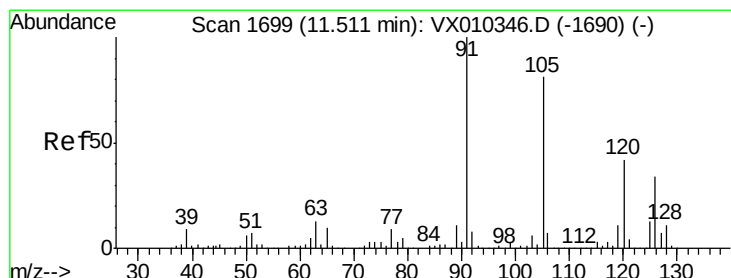
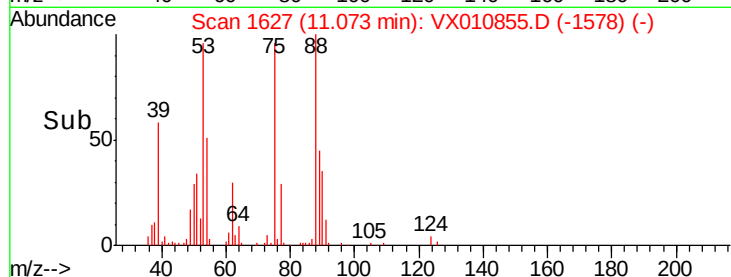
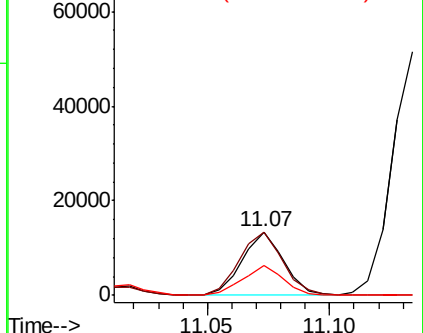
89 46.9 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.490 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010855.D

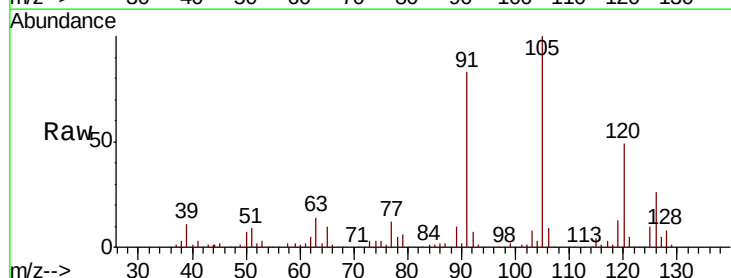
Acq: 12 Jul 2019 23:02

Tgt Ion: 91 Resp: 148448

Ion Ratio Lower Upper

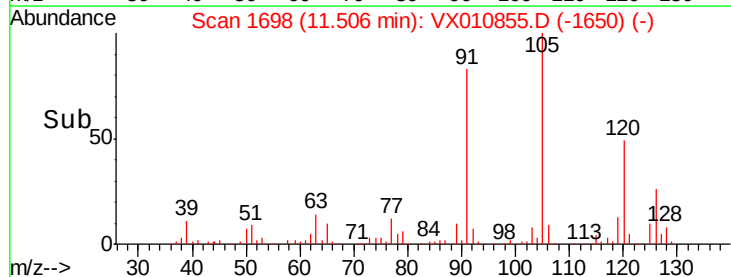
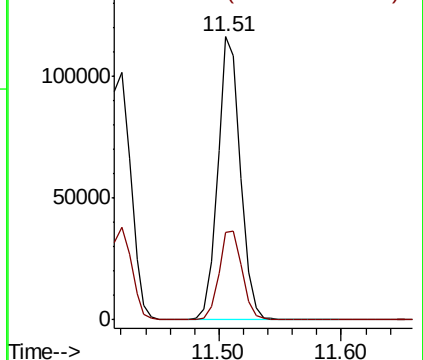
91 100

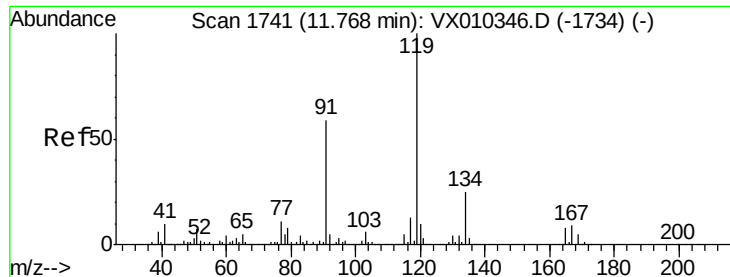
126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

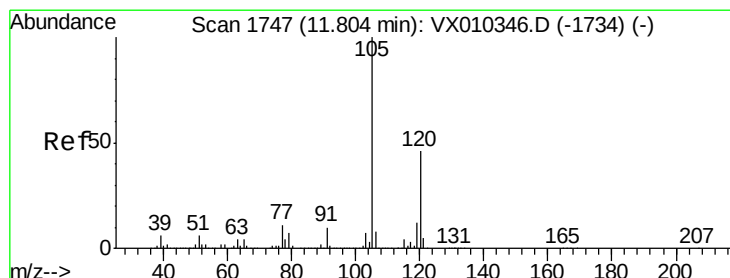
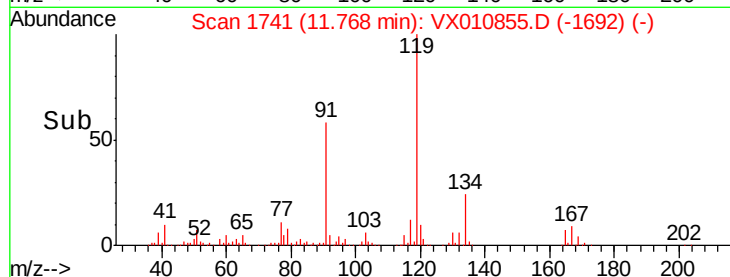
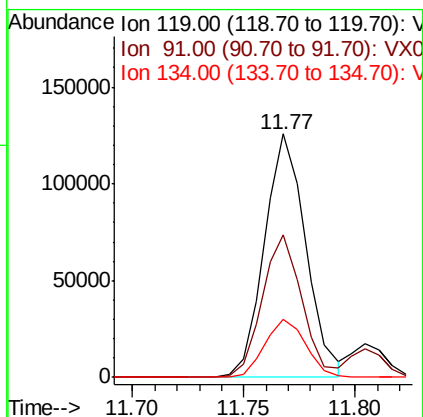
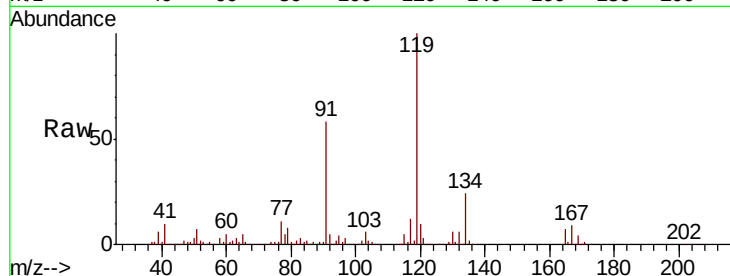




#83
 tert-Butylbenzene
 Concen: 20.130 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

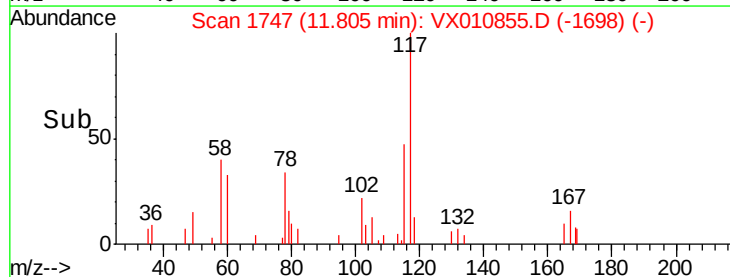
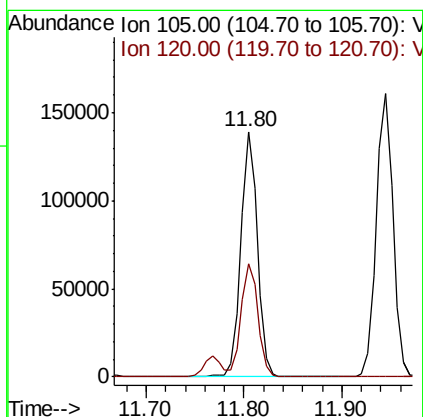
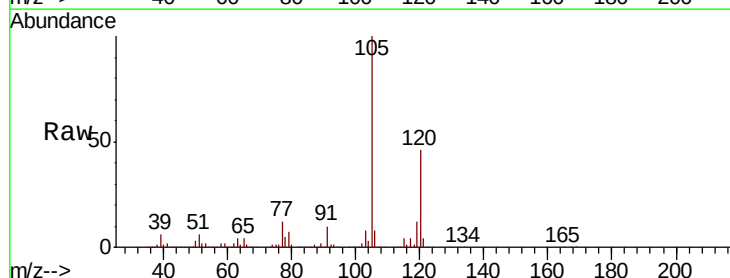
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

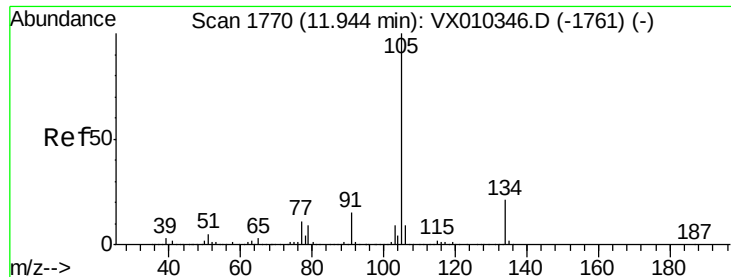
Tot Ion:119 Resp: 162042
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.6 82.7
 134 23.9 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.342 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion:105 Resp: 163912
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.202 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

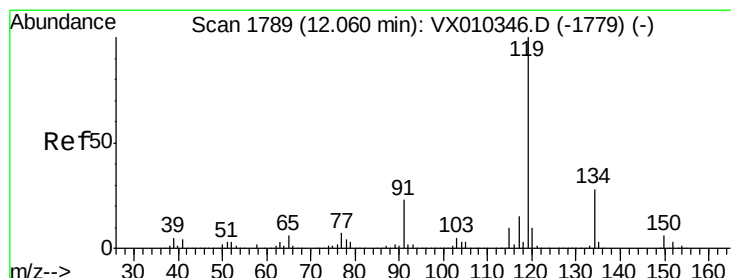
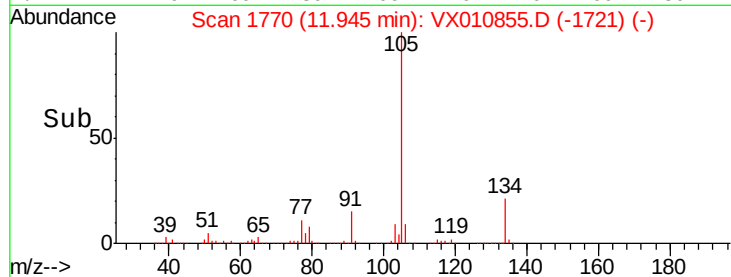
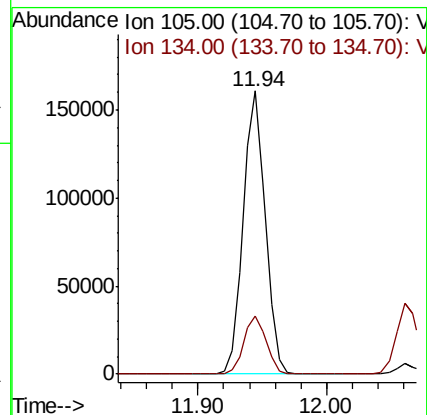
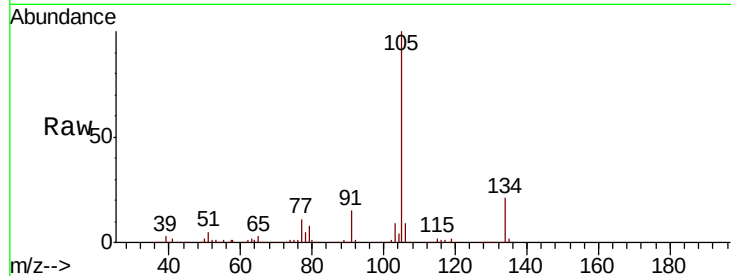
VX0712WBS03

Tot Ion:105 Resp: 190938

Ion Ratio Lower Upper

105 100

134 20.8 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.959 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

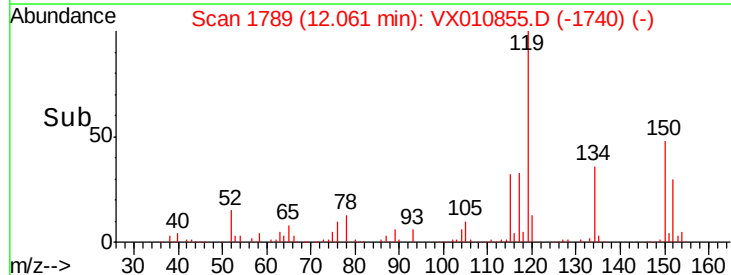
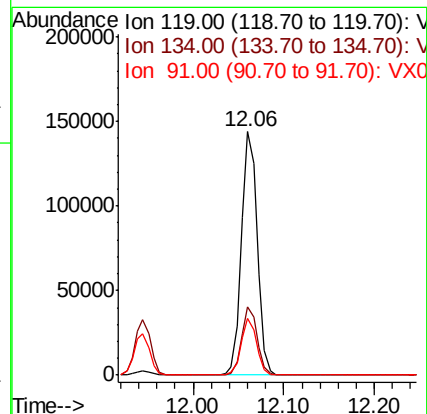
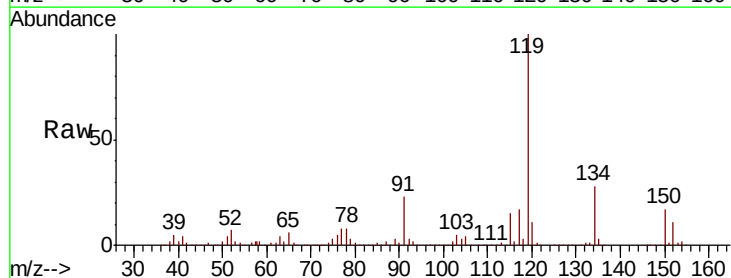
Tgt Ion:119 Resp: 174484

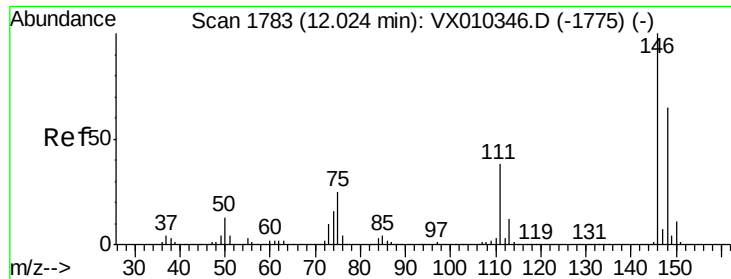
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.7 11.3 33.8

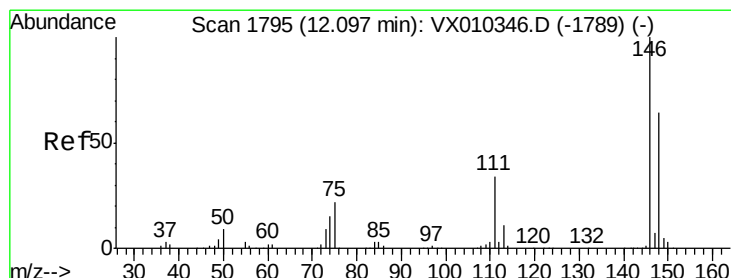
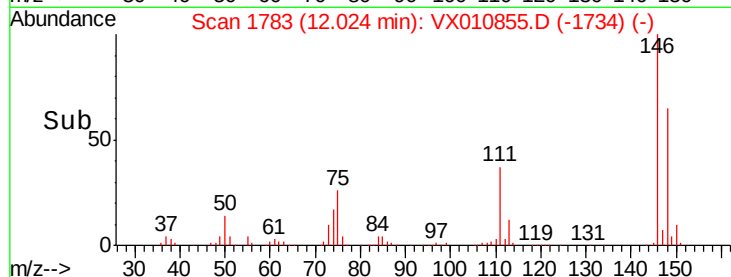
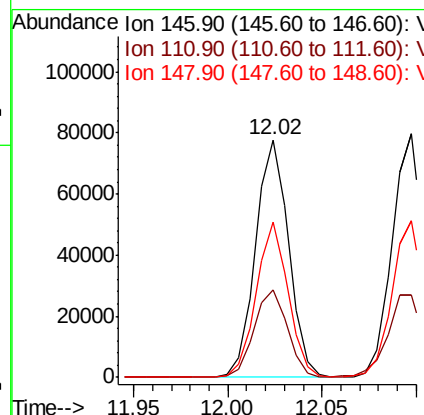
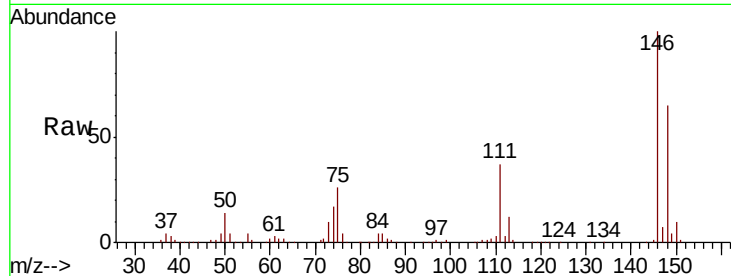




#87
 1,3-Dichlorobenzene
 Concen: 19.926 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

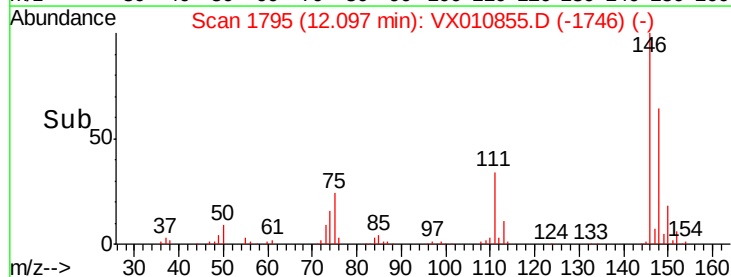
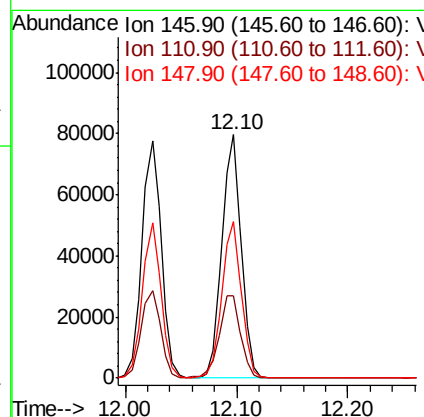
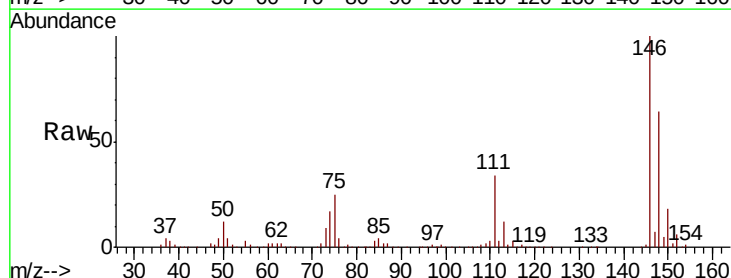
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

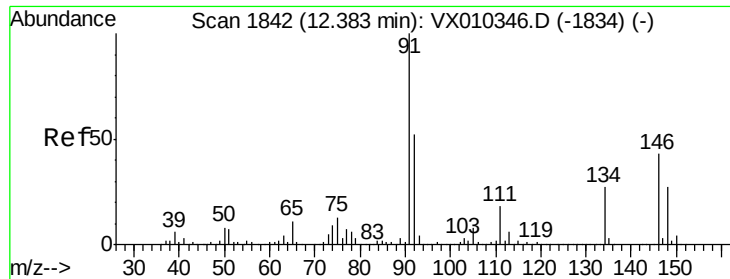
Tot Ion:146 Resp: 94484
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 62.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.832 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion:146 Resp: 95740
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.3
 148 64.8 32.1 96.3

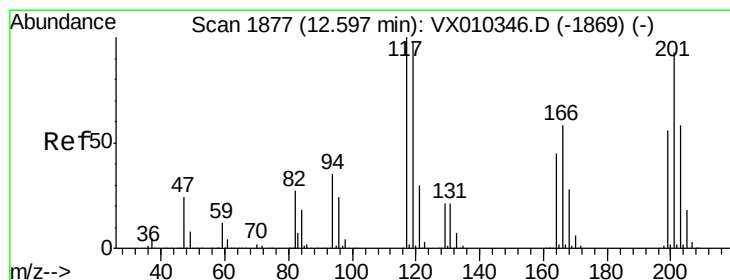
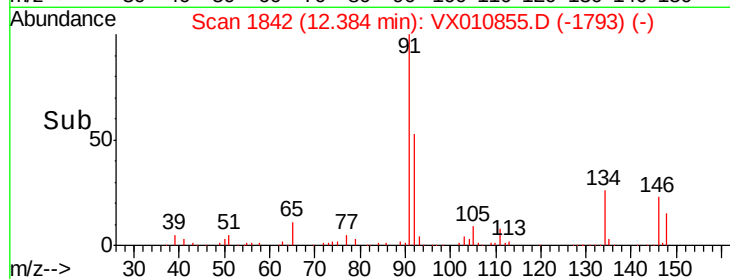
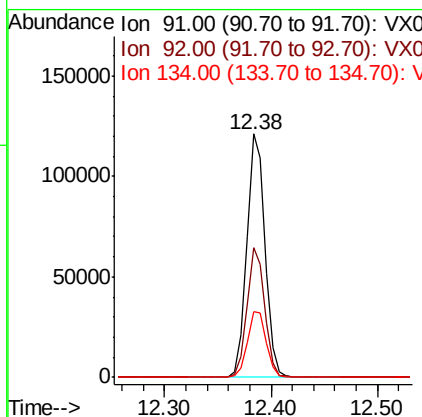
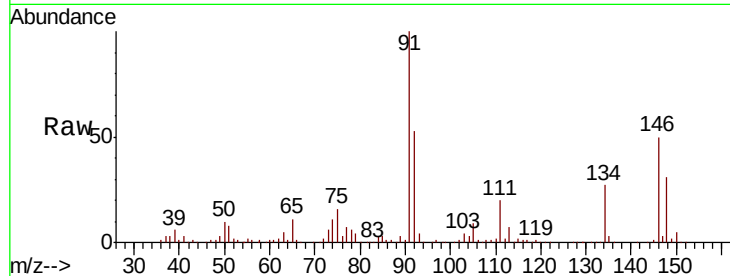




#89
n-Butylbenzene
Concen: 19.562 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

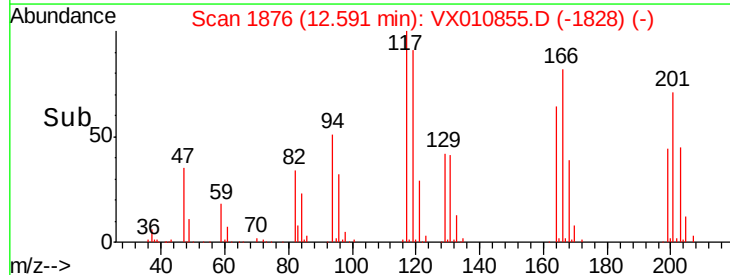
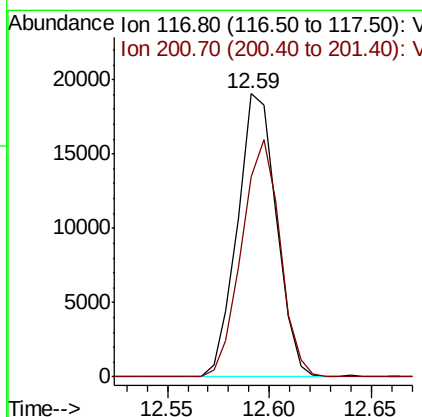
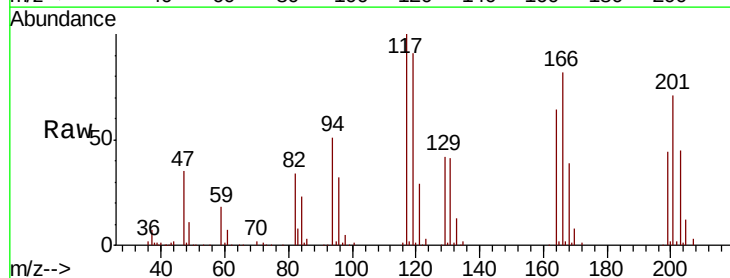
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

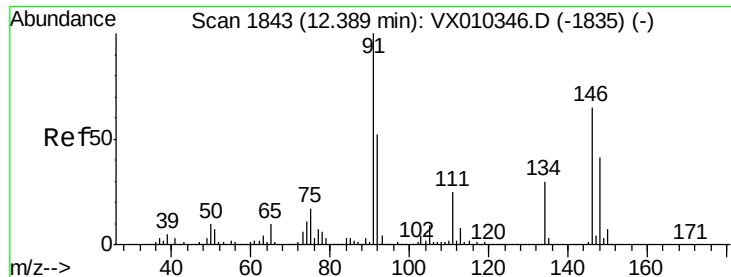
Tot Ion: 91 Resp: 145320
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 27.9 14.1 42.4



#90
Hexachloroethane
Concen: 16.839 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 117 Resp: 25454
Ion Ratio Lower Upper
117 100
201 82.1 44.0 131.8

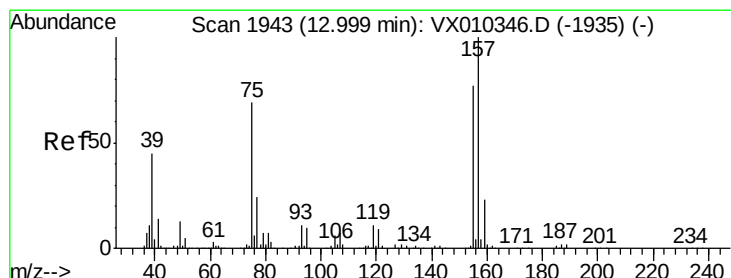
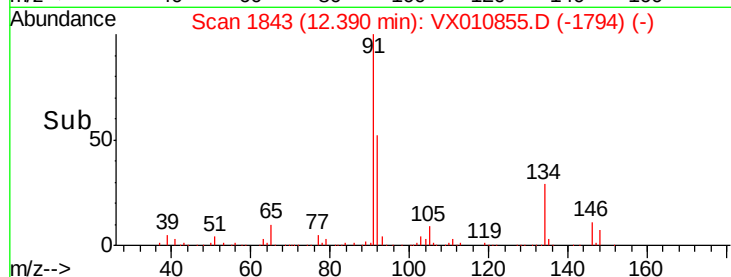
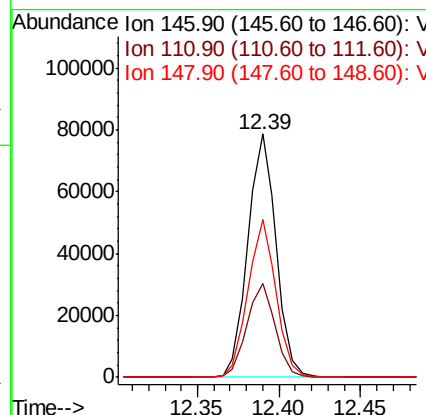
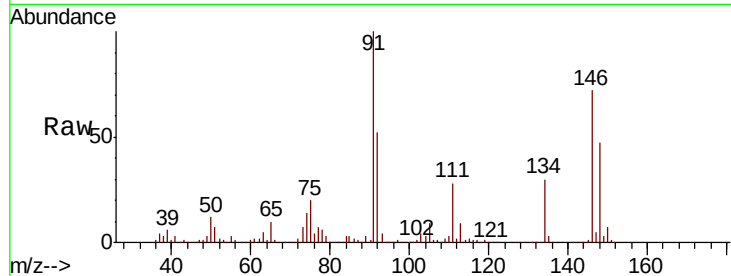




#91
1,2-Dichlorobenzene
Concen: 20.198 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

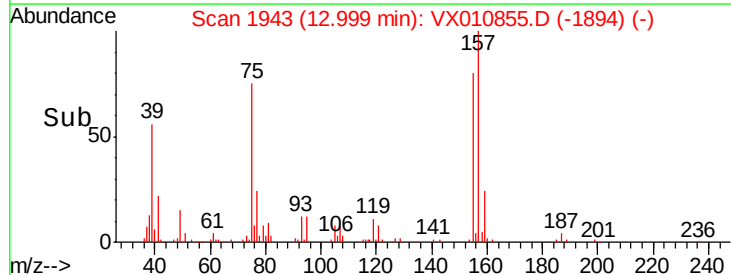
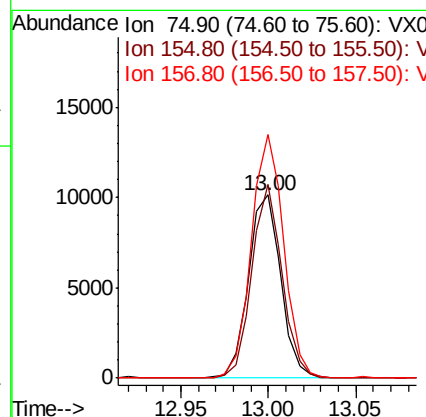
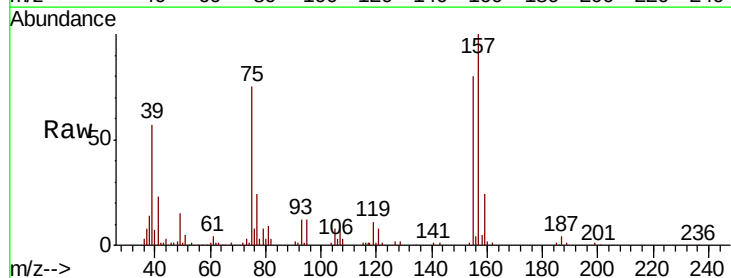
Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

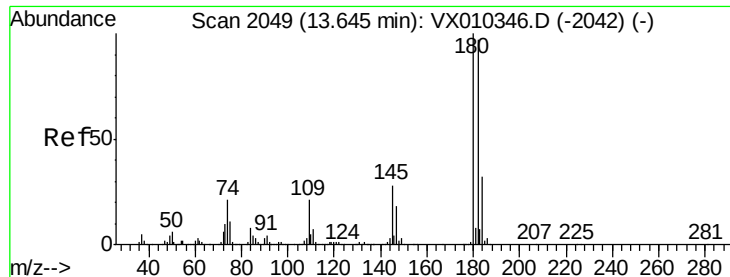
Tot Ion:146 Resp: 95188
Ion Ratio Lower Upper
146 100
111 38.7 19.2 57.6
148 64.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.753 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 75 Resp: 13027
Ion Ratio Lower Upper
75 100
155 98.3 54.4 163.1
157 133.1 69.5 208.3

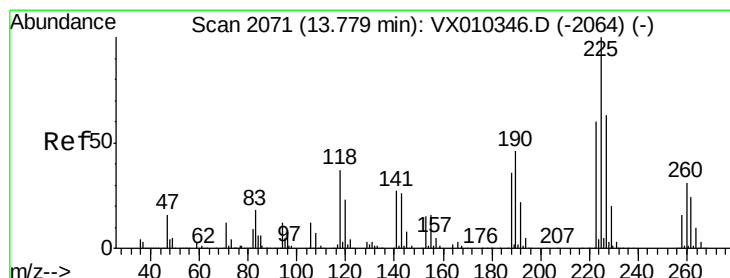
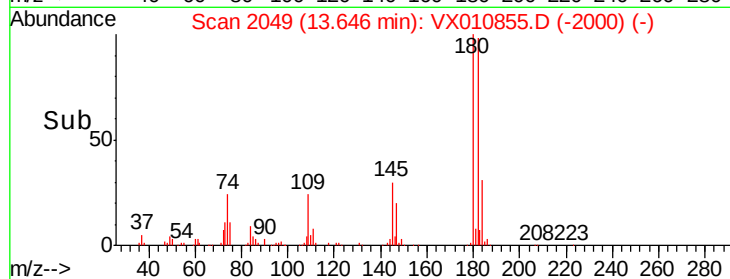
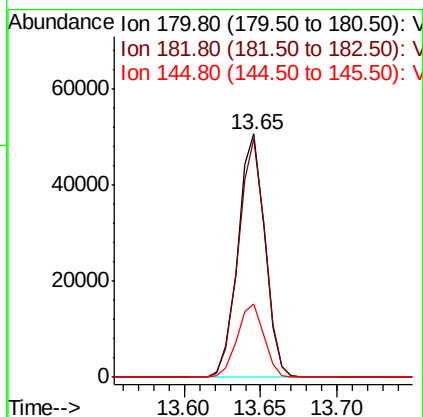
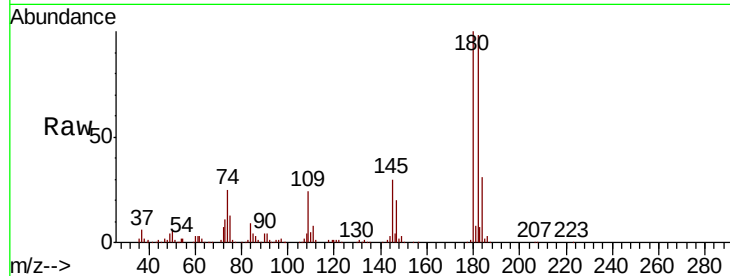




#93
 1,2,4-Trichlorobenzene
 Concen: 18.817 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

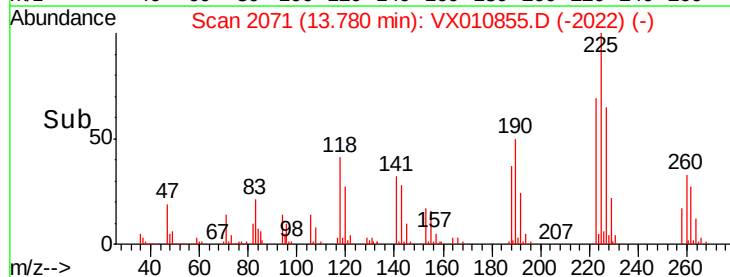
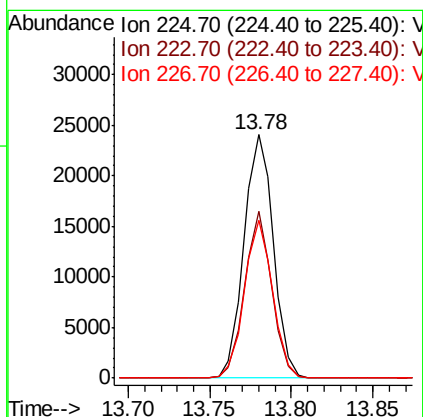
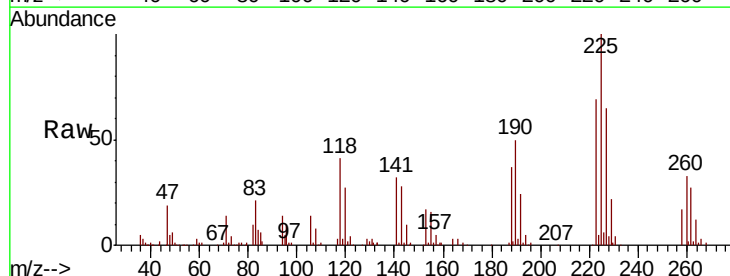
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

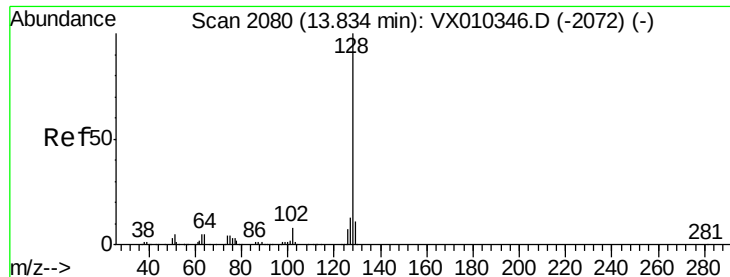
Tot Ion:180 Resp: 61500
 Ion Ratio Lower Upper
 180 100
 182 98.3 48.0 144.0
 145 30.2 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 18.923 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion:225 Resp: 30225
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.7
 227 62.2 31.9 95.5





#95

Naphthalene

Concen: 19.910 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

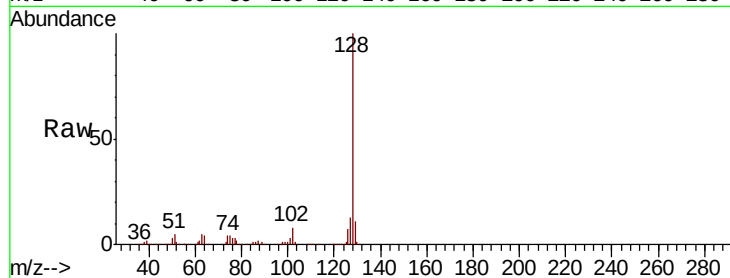
Tot Ion:128 Resp: 199969

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

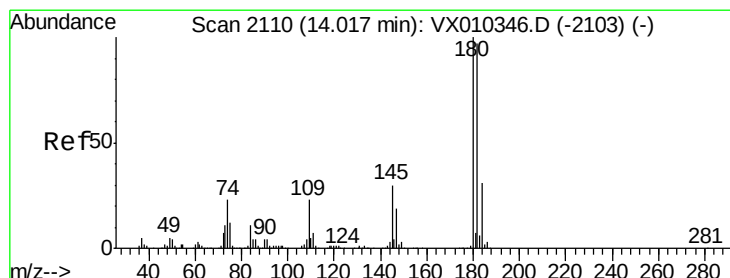
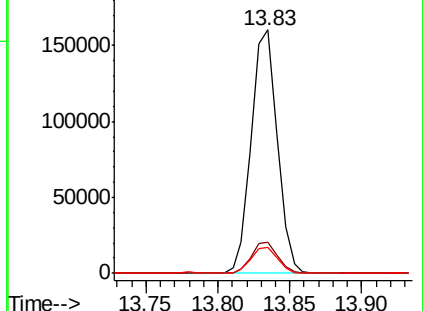
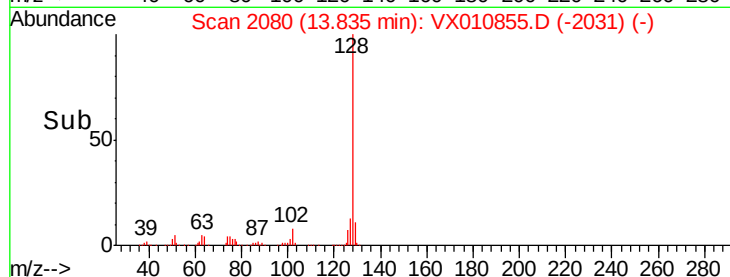
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.218 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

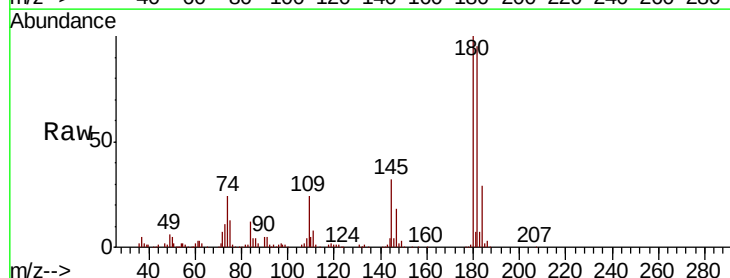
Tgt Ion:180 Resp: 65698

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 31.7 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

