

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019098.D
 Acq On : 24 Oct 2020 01:52
 Operator : JC/SP
 Sample : L4417-16DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5DL

Quant Time: Oct 26 05:38:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	273785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	475315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166241	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.46	113	144225	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.70	98	584575	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.12	95	211552	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	415	Below Cal		92
6) Chloroethane	1.93	64	24	1.282	ug/l #	43
10) Methyl Iodide	2.50	142	238	4.830	ug/l #	54
11) Tert butyl alcohol	3.01	59	105700	159.137	ug/l	99
13) Acrolein	2.25	56	15947	73.825	ug/l #	1
14) Allyl chloride	2.79	41	25840	7.496	ug/l #	7
15) Acrylonitrile	3.15	53	1908	1.486	ug/l #	33
16) Acetone	2.42	43	4753	4.255	ug/l	93
18) Methyl Acetate	2.82	43	20372	7.349	ug/l #	44
19) Methyl tert-butyl Ether	3.17	73	97804	11.587	ug/l #	72
23) Vinyl Acetate	3.79	43	3095	0.479	ug/l #	76
24) 1,1-Dichloroethane	3.79	63	1118	0.226	ug/l #	80
25) 2-Butanone	4.65	43	2176	1.233	ug/l #	79
29) Tetrahydrofuran	5.10	42	668	0.633	ug/l #	34
30) Chloroform	5.26	83	8975	1.670	ug/l #	19
31) Cyclohexane	5.55	56	30164	7.854	ug/l #	95
36) 1,1-Dichloropropene	5.63	75	20896	4.899	ug/l #	47
38) Carbon Tetrachloride	5.63	117	26324	5.880	ug/l #	16
39) Methylcyclohexane	7.44	83	18221	3.813	ug/l	98
40) Benzene	6.11	78	1117609	88.975	ug/l	100
41) Methacrylonitrile	4.98	41	394	0.201	ug/l #	16
42) 1,2-Dichloroethane	6.12	62	9674	2.257	ug/l #	72
43) Isopropyl Acetate	6.32	43	11028	1.789	ug/l #	55
47) Bromodichloromethane	7.93	83	2299	0.511	ug/l #	25
48) Methyl methacrylate	7.76	41	821	0.270	ug/l	90
51) 4-Methyl-2-Pentanone	8.63	43	844	0.232	ug/l #	81
52) Toluene	8.76	92	61938	7.466	ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	2106	0.623	ug/l #	21
59) 2-Hexanone	9.60	43	750	0.277	ug/l	76
67) Ethyl Benzene	10.23	91	1354928	83.476	ug/l	100
68) m/p-Xylenes	10.34	106	23698	3.811	ug/l	100
73) Isopropylbenzene	11.00	105	302739	18.142	ug/l	100
74) N-amyl acetate	10.93	43	2089	0.391	ug/l #	46
76) 1,2,3-Trichloropropane	11.12	75	104391	22.515	ug/l #	36

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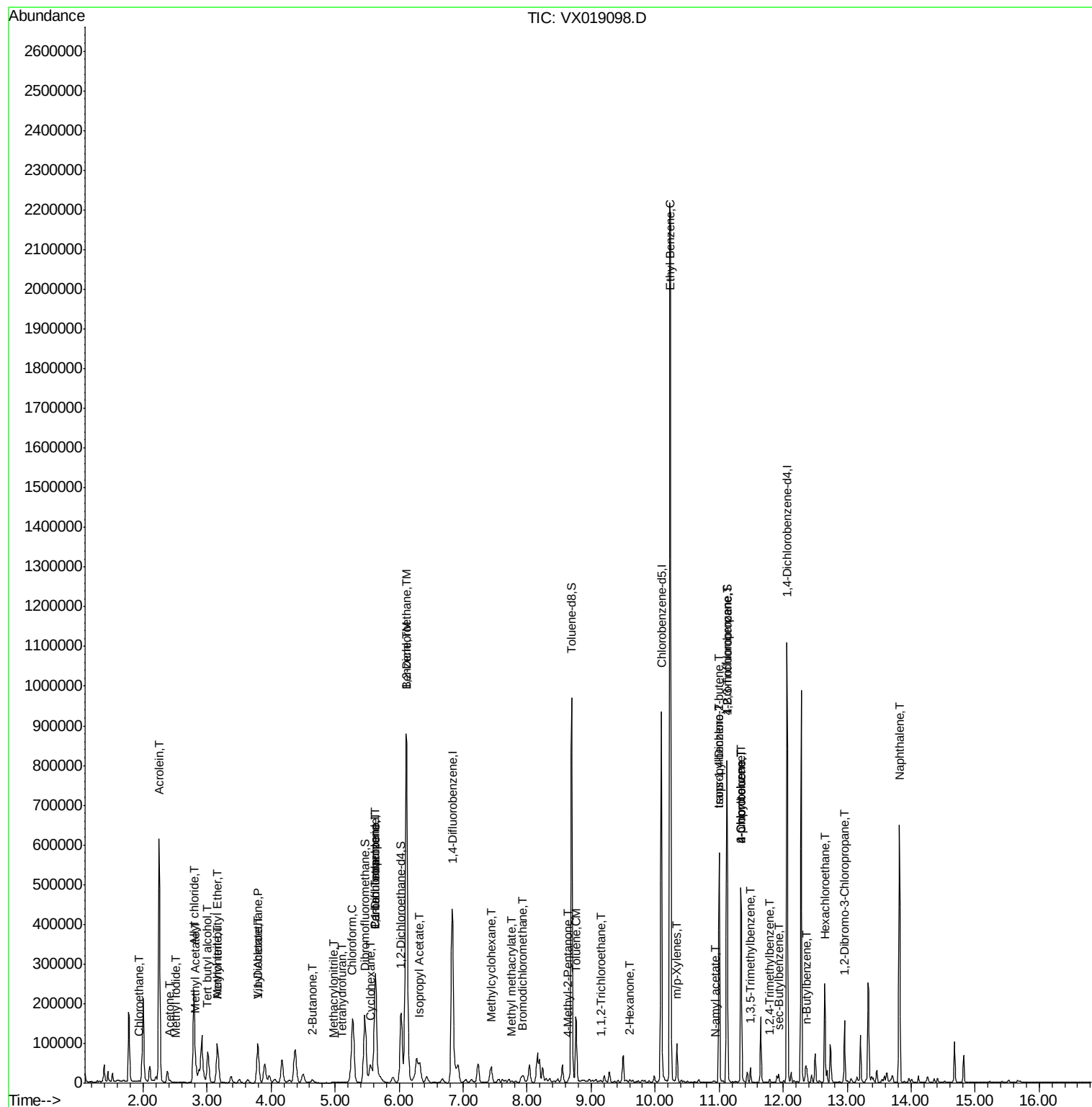
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.34	91	307729	16.274	ug/l	99
79) 2-Chlorotoluene	11.34	91	307729	27.896	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	16369	1.188	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.00	75	3162	1.738	ug/l #	52
82) 4-Chlorotoluene	11.34	91	307729	23.444	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.79	105	3153	0.228	ug/l	100
85) sec-Butylbenzene	11.93	105	11374	0.692	ug/l	98
89) n-Butylbenzene	12.37	91	16630	1.210	ug/l #	76
90) Hexachloroethane	12.65	117	9956	4.333	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.96	75	540	0.472	ug/l #	1
95) Naphthalene	13.82	128	391274	23.581	ug/l	99

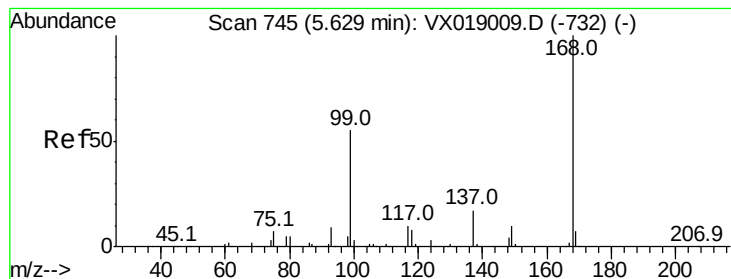
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

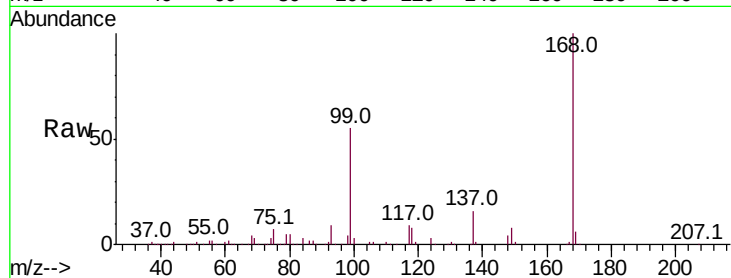
MW-5DL

Tot Ion:168 Resp: 273785

Ion Ratio Lower Upper

168 100

99 55.0 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

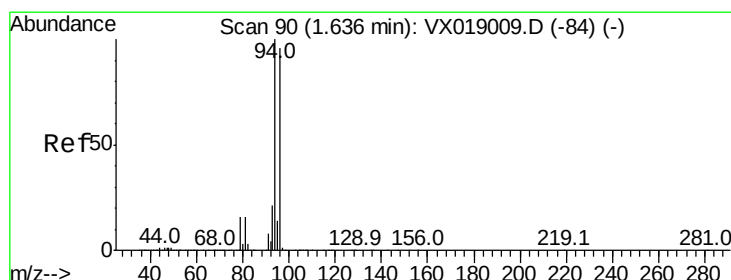
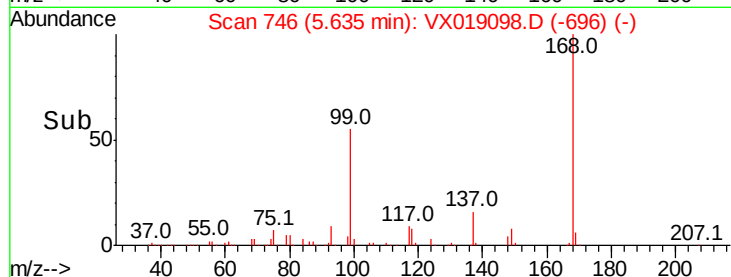
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019098.D

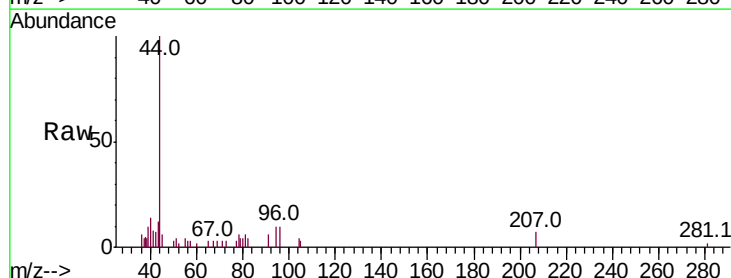
Acq: 24 Oct 2020 01:52

Tgt Ion: 94 Resp: 415

Ion Ratio Lower Upper

94 100

96 104.0 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

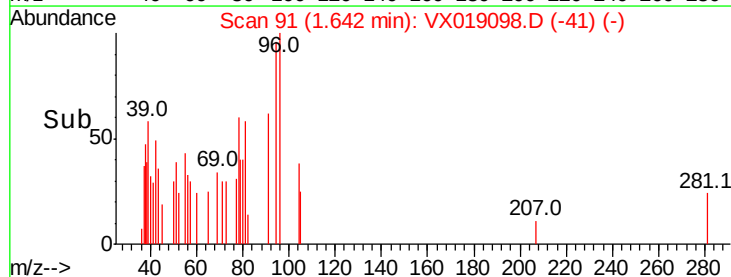
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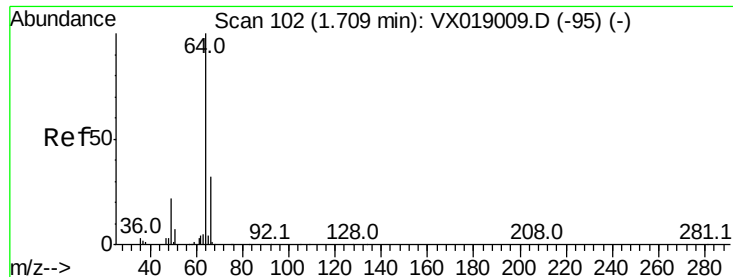
100

50

0

Time-->





#6

Chloroethane

Concen: 1.282 ug/l

RT: 1.93 min Scan# 138

Delta R.T. 0.22 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

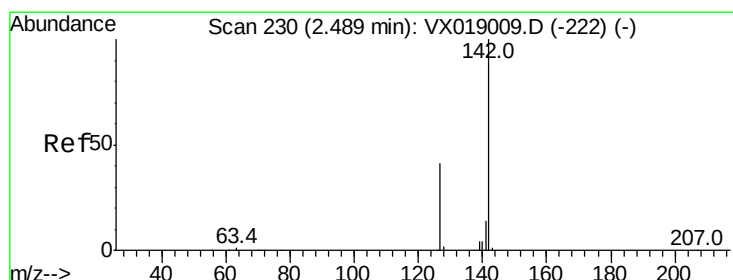
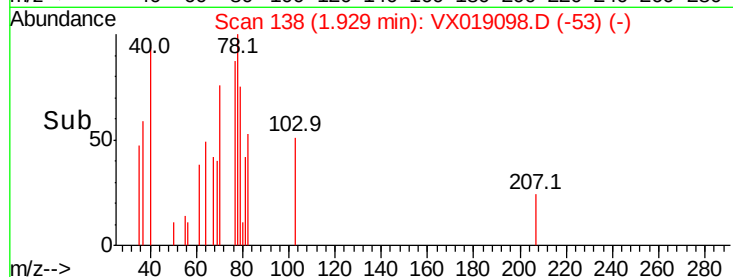
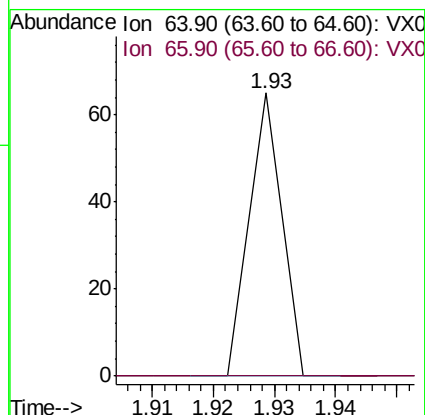
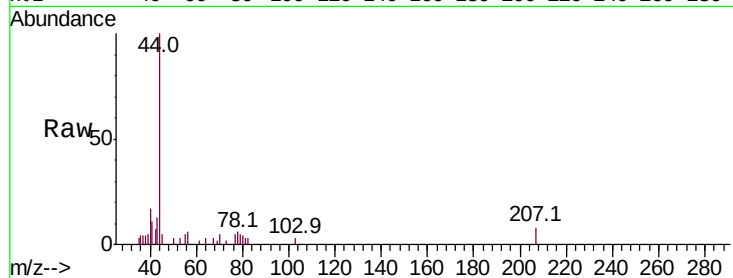
MW-5DL

Tot Ion: 64 Resp: 24

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



#10

Methyl Iodide

Concen: 4.830 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

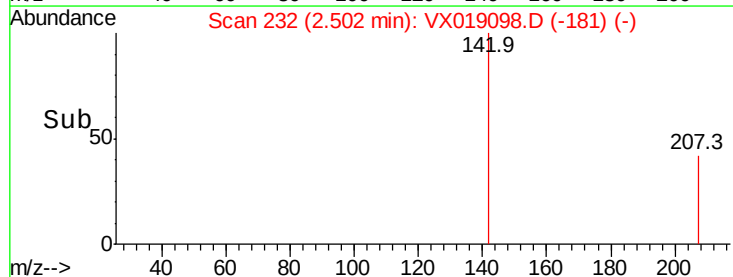
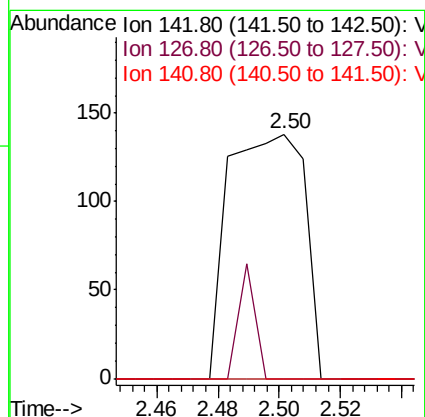
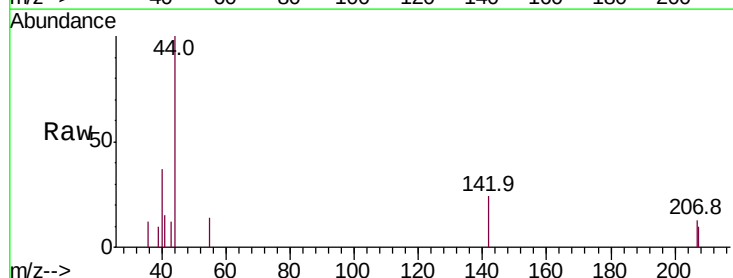
Tgt Ion: 142 Resp: 238

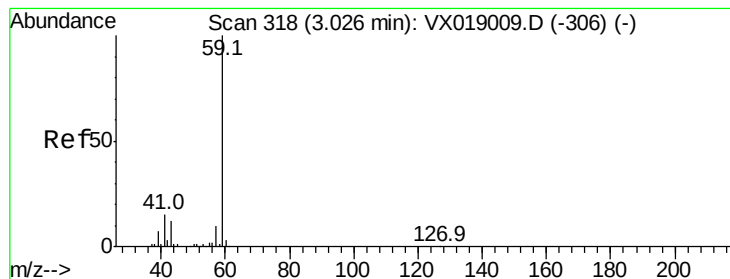
Ion Ratio Lower Upper

142 100

127 10.1 33.6 50.4#

141 0.0 11.2 16.8#



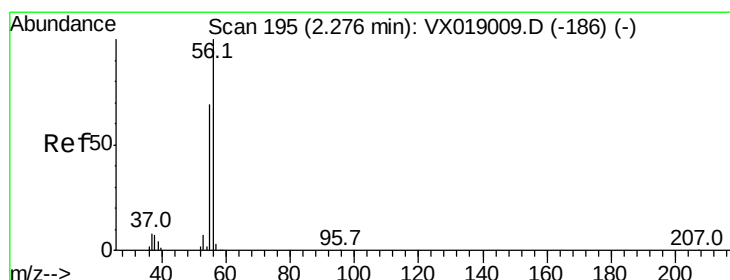
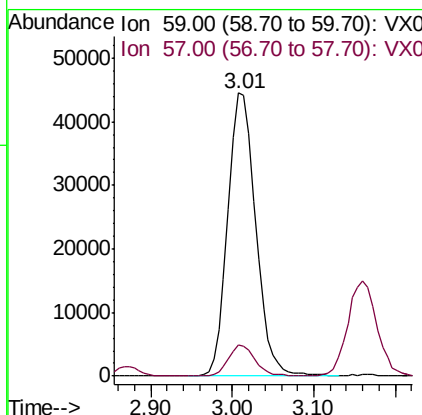
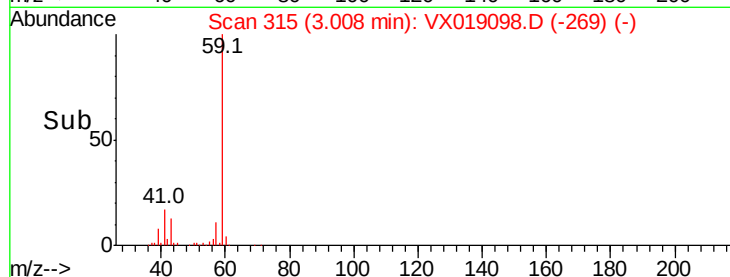
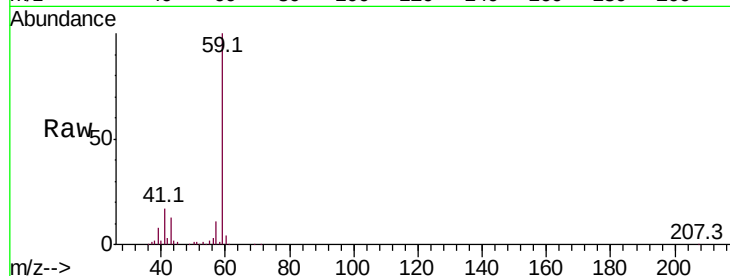


#11

Tert butyl alcohol
 Concen: 159.137 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.02 min
 Lab File: VX019098.D
 Acq: 24 Oct 2020 01:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5DL

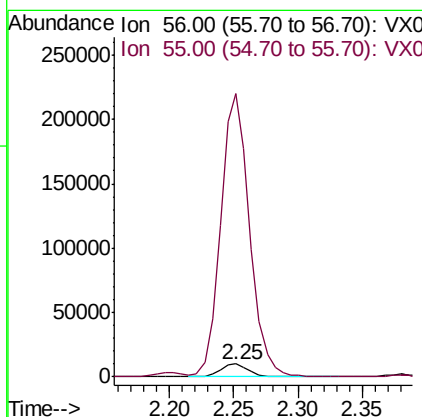
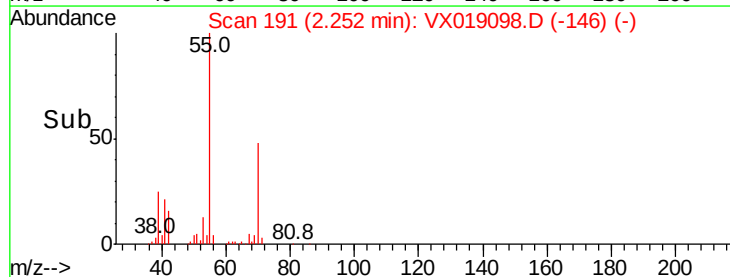
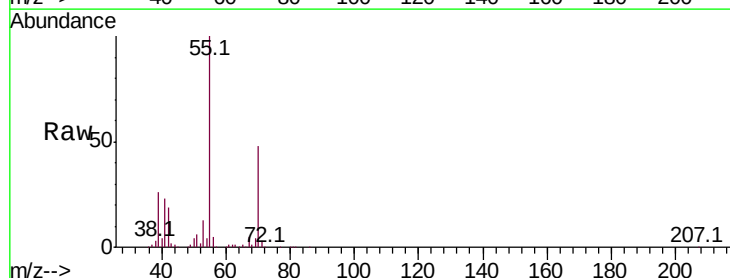
Tot Ion: 59 Resp: 105700
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

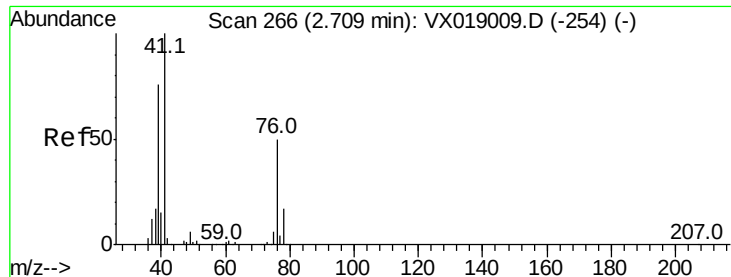


#13

Acrolein
 Concen: 73.825 ug/l
 RT: 2.25 min Scan# 191
 Delta R.T. -0.02 min
 Lab File: VX019098.D
 Acq: 24 Oct 2020 01:52

Tgt Ion: 56 Resp: 15947
 Ion Ratio Lower Upper
 56 100
 55 2161.9 54.2 81.4#

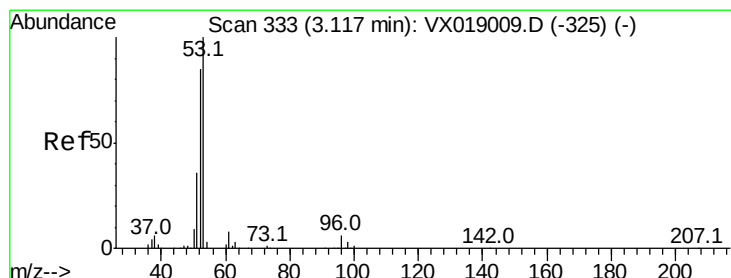
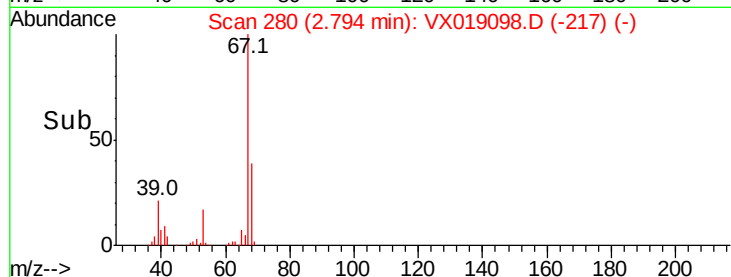
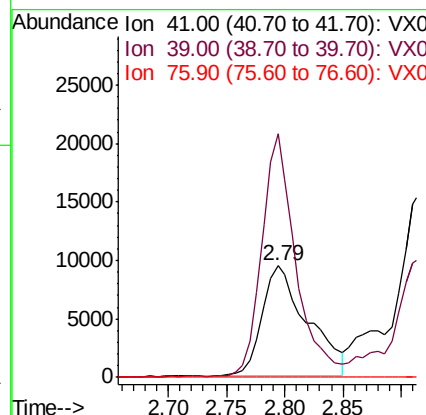
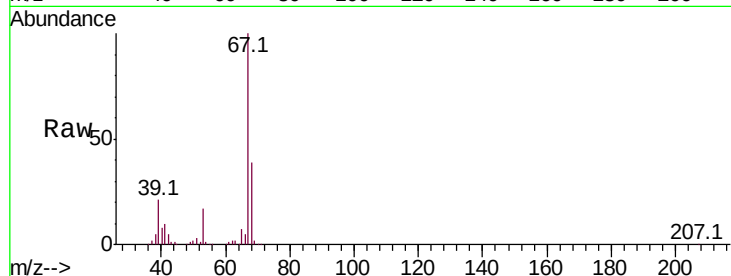




#14
Allvl chloride
Concen: 7.496 ug/l
RT: 2.79 min Scan# 280
Delta R.T. 0.09 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

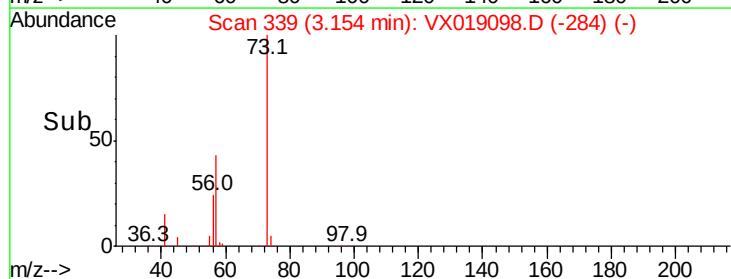
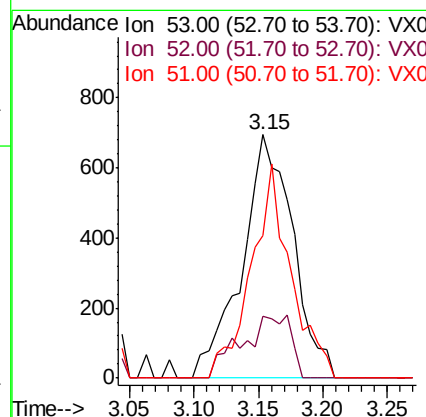
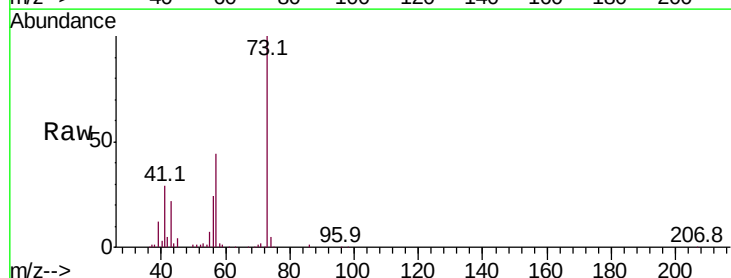
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

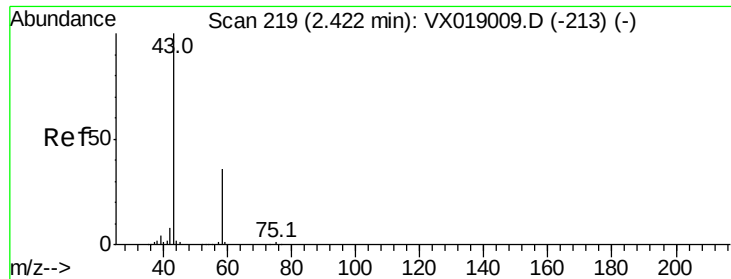
Tot Ion: 41 Resp: 25840
Ion Ratio Lower Upper
41 100
39 161.8 57.4 86.0#
76 0.0 37.7 56.5#



#15
Acrylonitrile
Concen: 1.486 ug/l
RT: 3.15 min Scan# 339
Delta R.T. 0.04 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Tgt Ion: 53 Resp: 1908
Ion Ratio Lower Upper
53 100
52 18.4 65.9 98.9#
51 67.7 28.3 42.5#





#16

Acetone

Concen: 4.255 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampled :

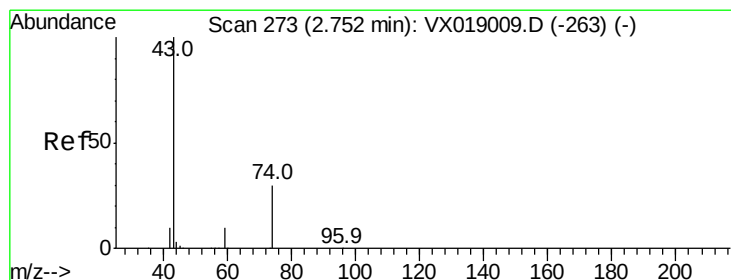
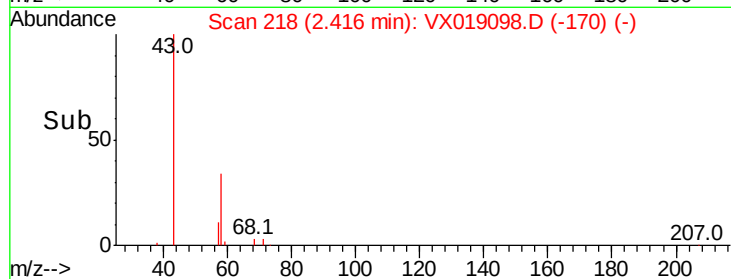
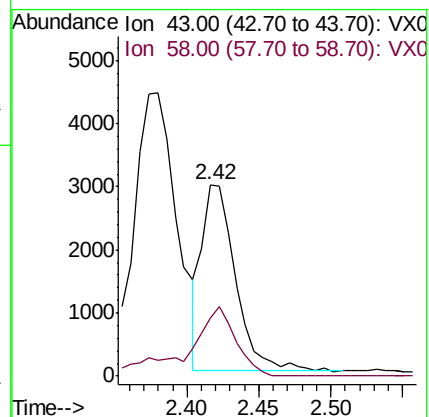
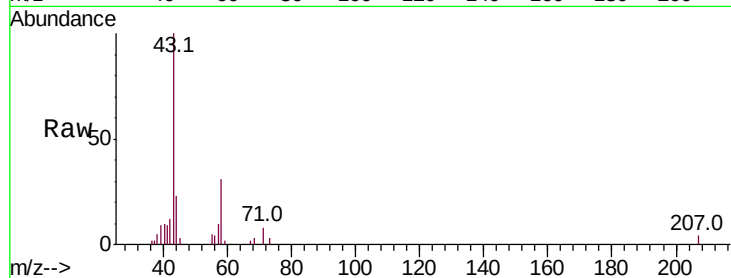
MW-5DL

Tot Ion: 43 Resp: 4753

Ion Ratio Lower Upper

43 100

58 31.4 28.6 42.8



#18

Methyl Acetate

Concen: 7.349 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.07 min

Lab File: VX019098.D

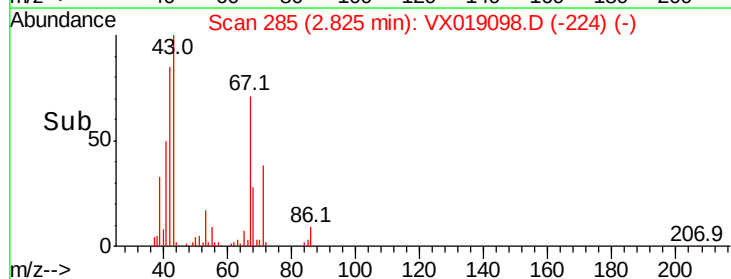
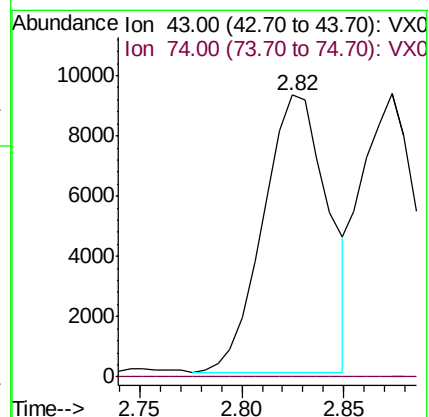
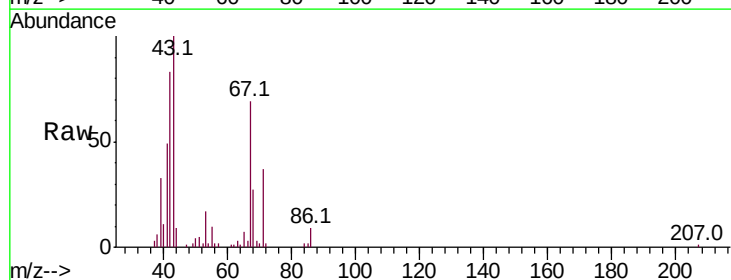
Acq: 24 Oct 2020 01:52

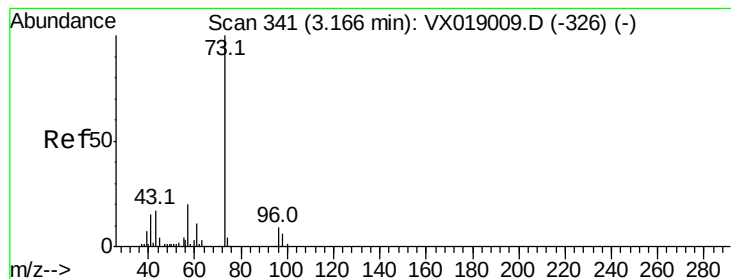
Tgt Ion: 43 Resp: 20372

Ion Ratio Lower Upper

43 100

74 0.0 24.9 37.3#





#19

Methyl tert-butyl Ether

Concen: 11.587 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

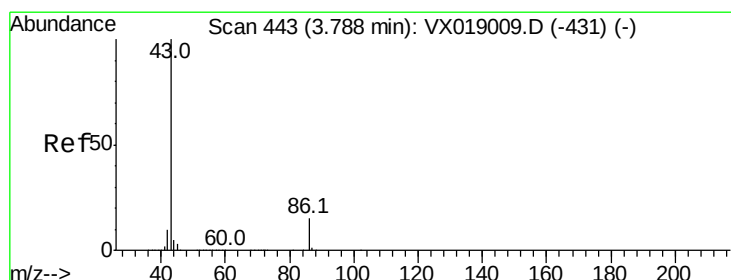
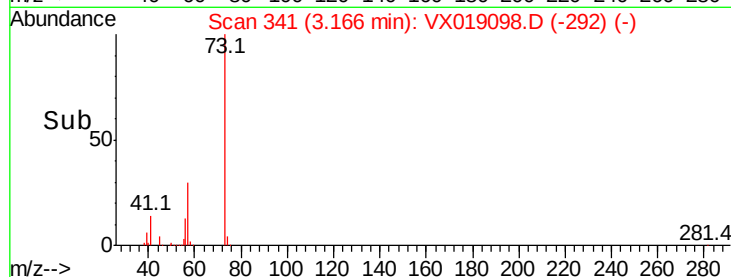
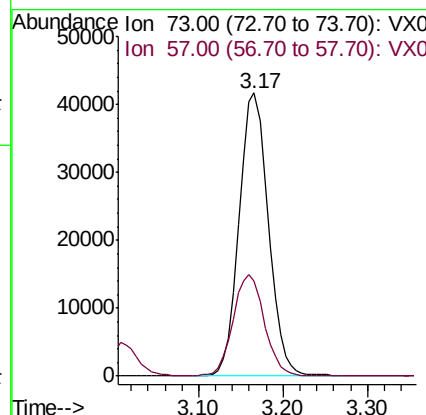
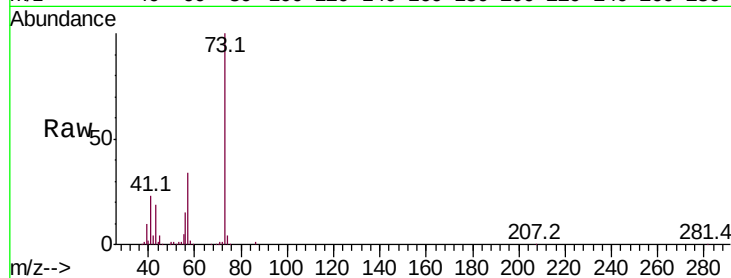
MW-5DL

Tot Ion: 73 Resp: 97804

Ion Ratio Lower Upper

73 100

57 33.3 16.2 24.2#



#23

Vinyl Acetate

Concen: 0.479 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX019098.D

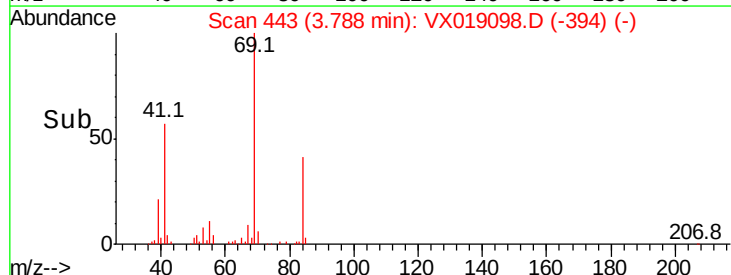
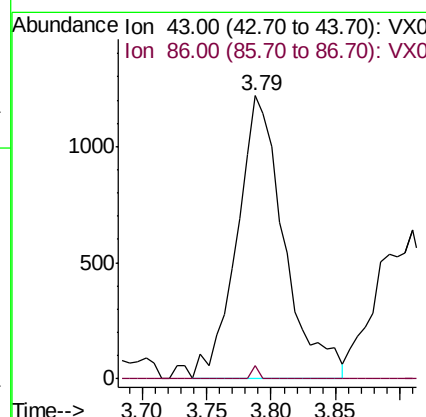
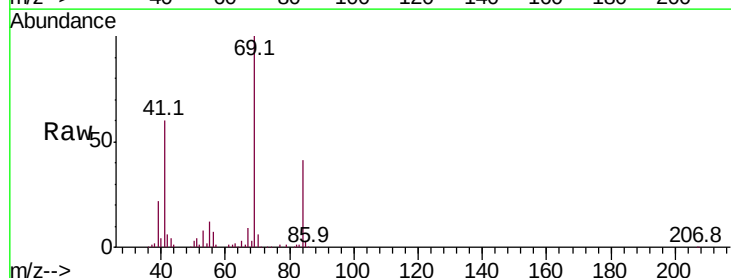
Acq: 24 Oct 2020 01:52

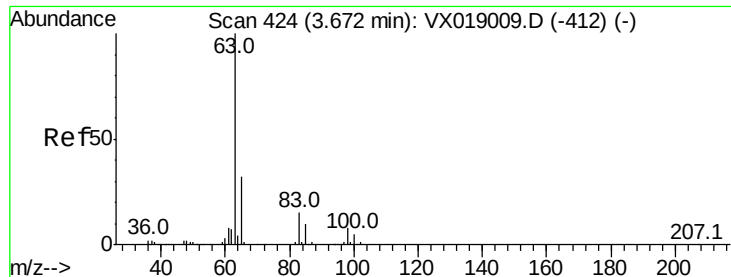
Tgt Ion: 43 Resp: 3095

Ion Ratio Lower Upper

43 100

86 4.6 11.7 17.5#





#24

1,1-Dichloroethane

Concen: 0.226 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.12 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampled :

MW-5DL

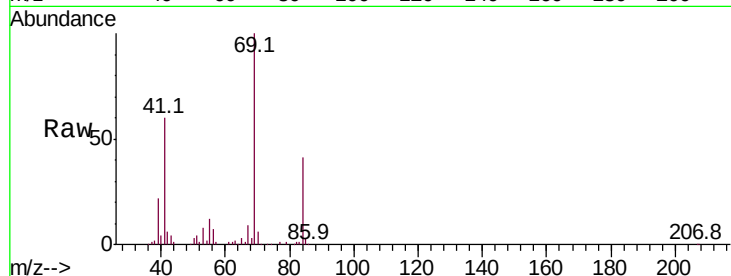
Tot Ion: 63 Resp: 1118

Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.0#

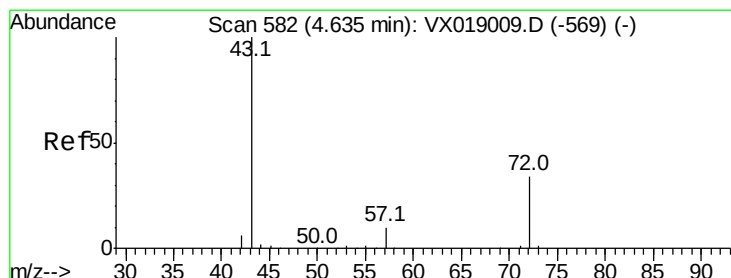
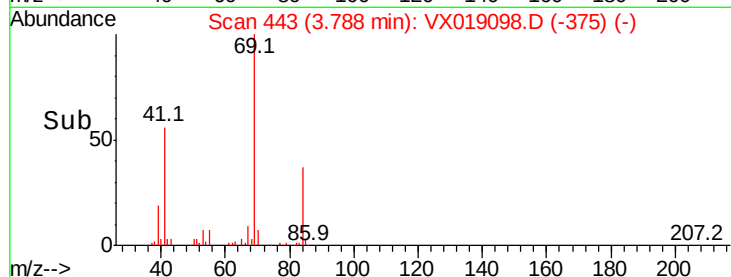
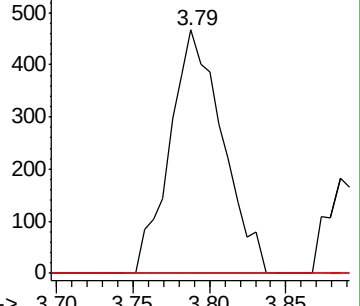
100 0.0 2.5 7.4#



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: 1.233 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019098.D

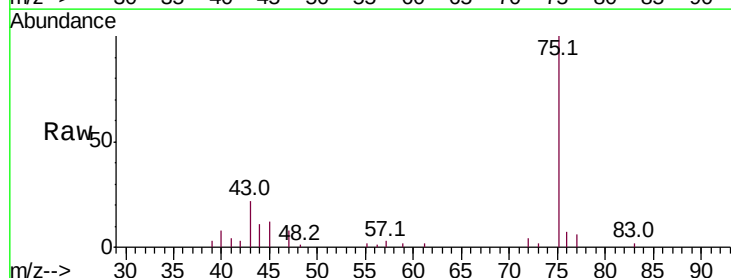
Acq: 24 Oct 2020 01:52

Tgt Ion: 43 Resp: 2176

Ion Ratio Lower Upper

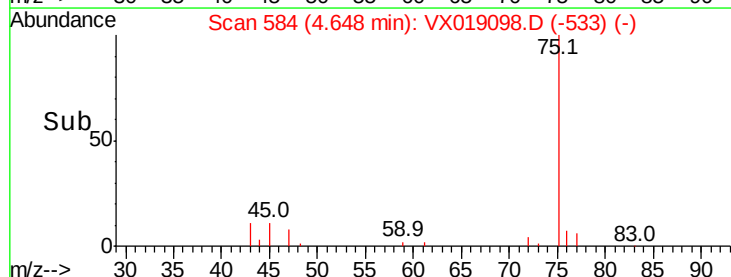
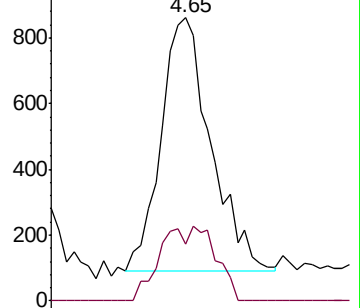
43 100

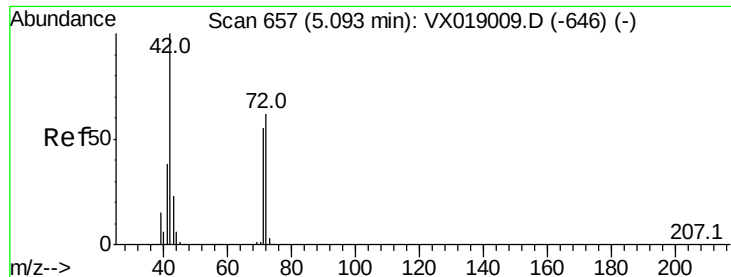
72 22.6 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.633 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

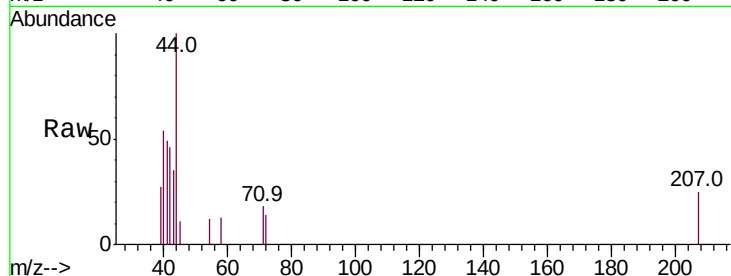
Tot Ion: 42 Resp: 668

Ion Ratio Lower Upper

42 100

72 3.6 49.1 73.7#

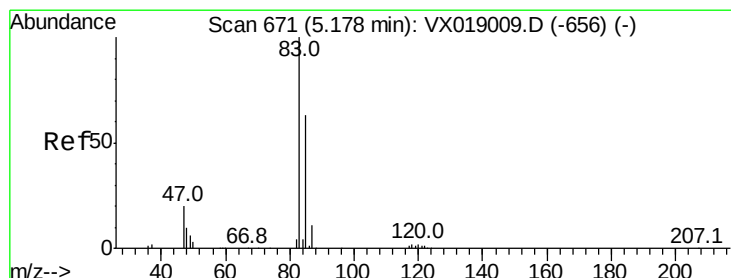
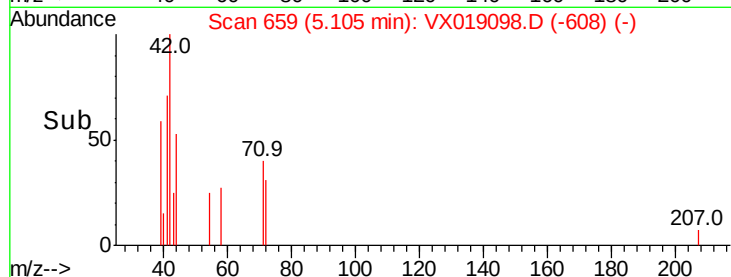
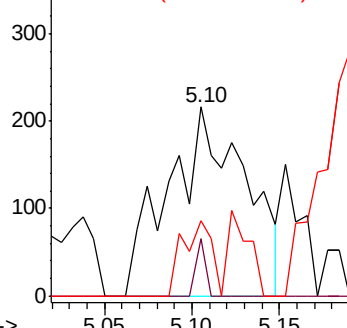
71 15.0 44.2 66.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.670 ug/l

RT: 5.26 min Scan# 685

Delta R.T. 0.09 min

Lab File: VX019098.D

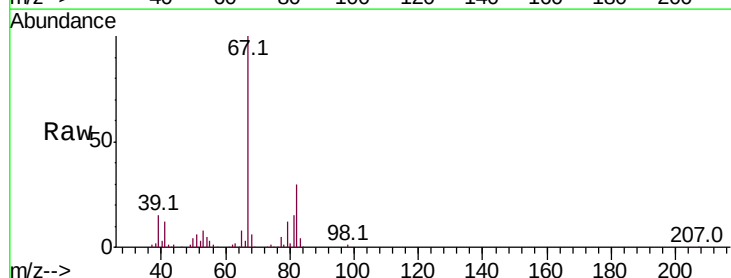
Acq: 24 Oct 2020 01:52

Tgt Ion: 83 Resp: 8975

Ion Ratio Lower Upper

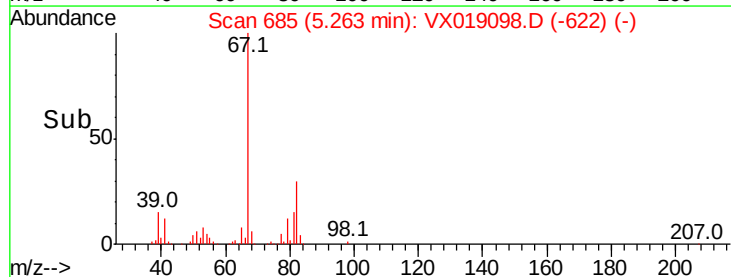
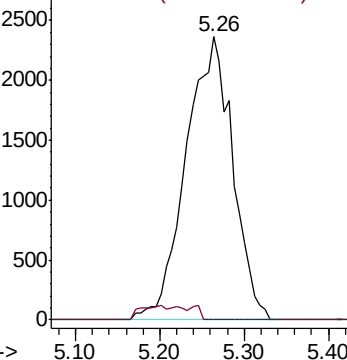
83 100

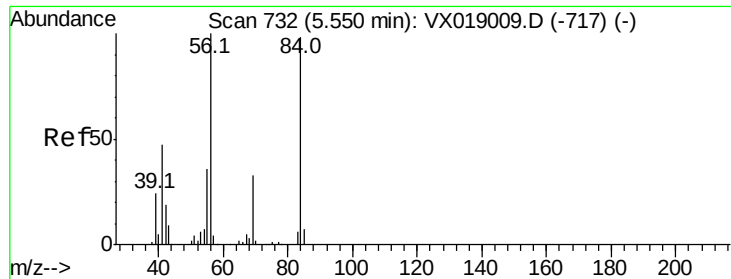
85 0.0 50.5 75.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

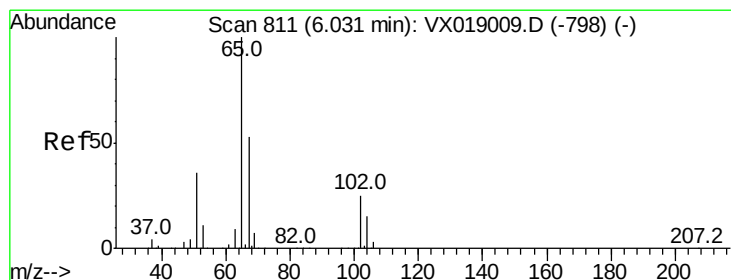
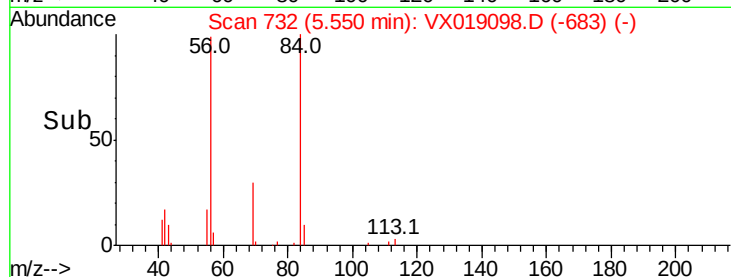
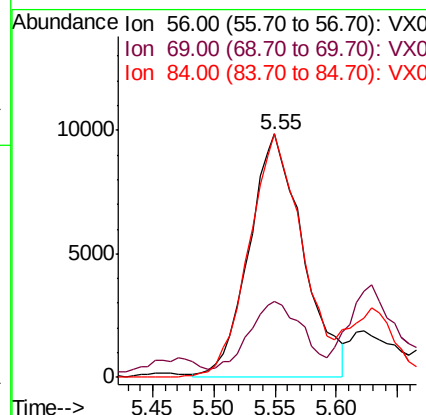
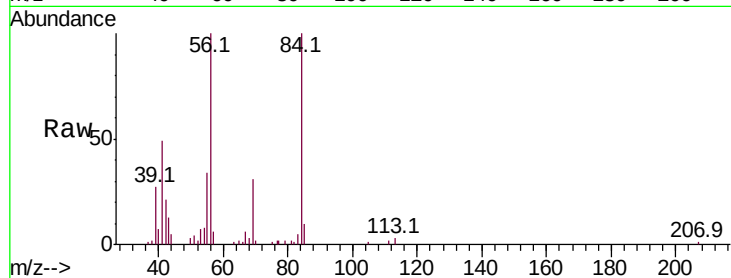




#31
Cyclohexane
Concen: 7.854 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

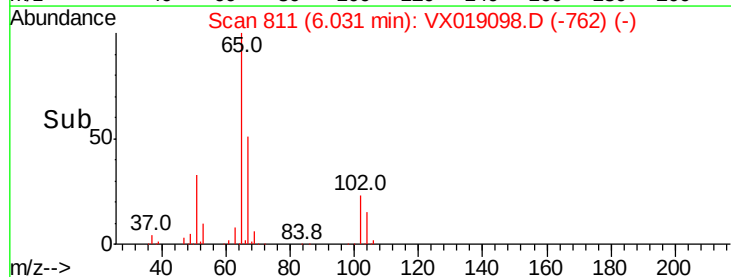
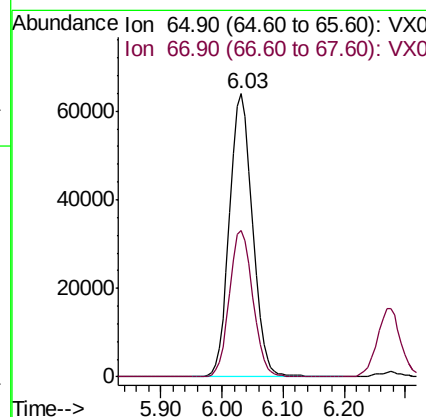
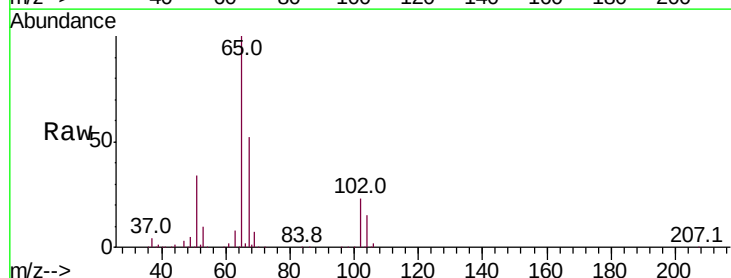
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

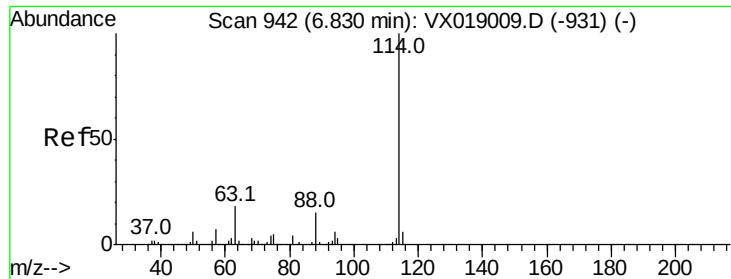
Tot Ion: 56 Resp: 30164
Ion Ratio Lower Upper
56 100
69 24.7 26.2 39.2#
84 100.1 78.3 117.5



#33
1,2-Dichloroethane-d4
Concen: 50.691 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Tgt Ion: 65 Resp: 166241
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

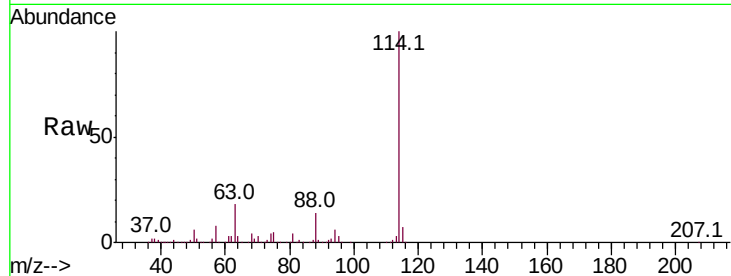
Tot Ion:114 Resp: 475315

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

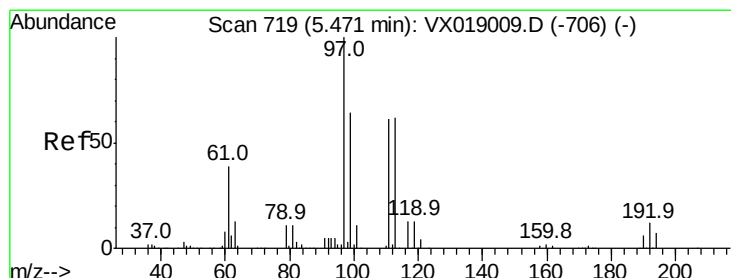
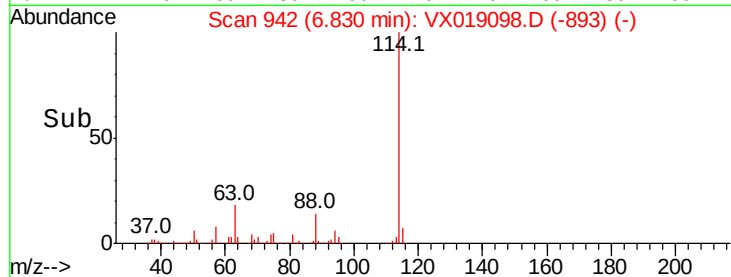
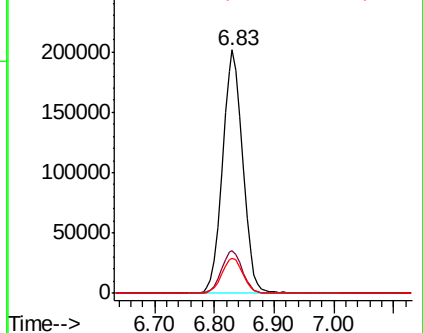
88 14.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.925 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

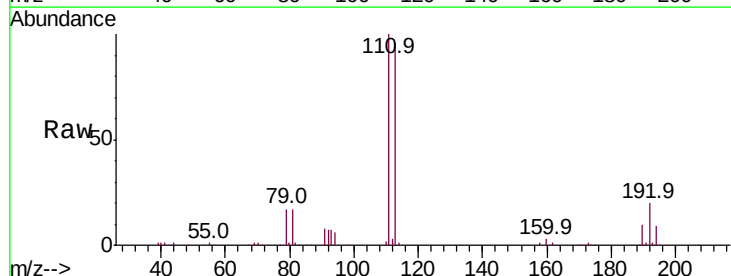
Tgt Ion:113 Resp: 144225

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

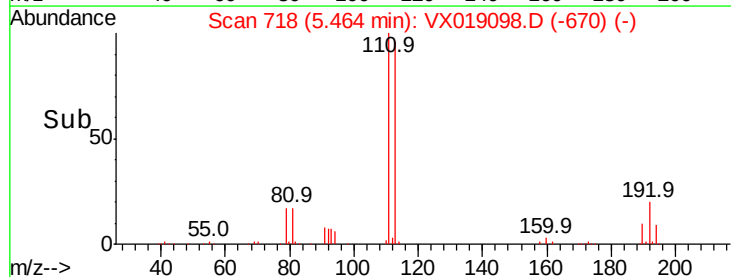
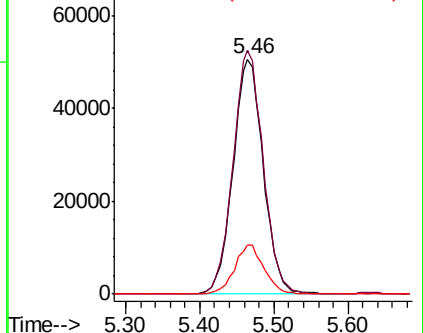
192 20.2 16.3 24.5

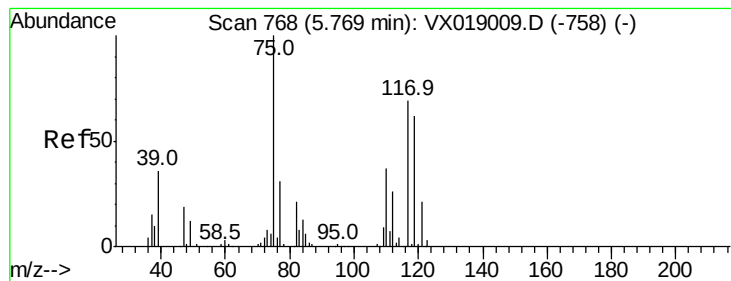


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

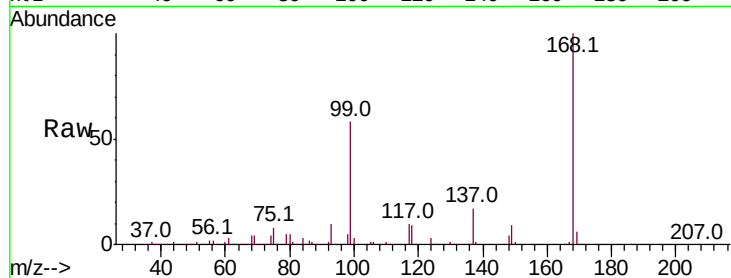
Tot Ion: 75 Resp: 20896

Ion Ratio Lower Upper

75 100

110 8.8 19.4 58.2#

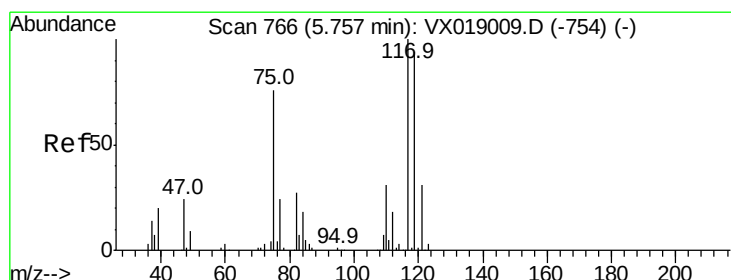
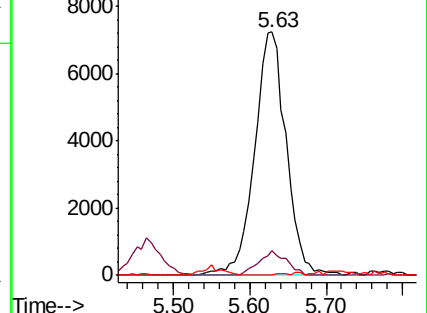
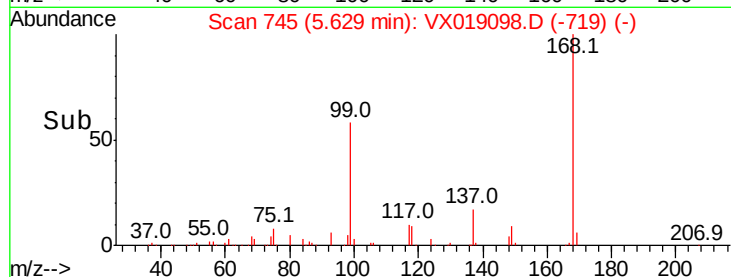
77 0.0 25.2 37.8#



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



#38

Carbon Tetrachloride

Concen: 5.880 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

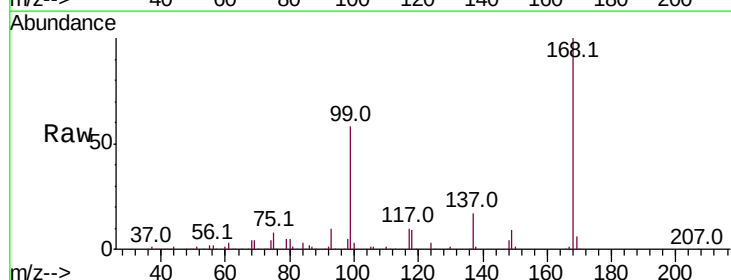
Tgt Ion: 117 Resp: 26324

Ion Ratio Lower Upper

117 100

119 3.8 75.4 113.0#

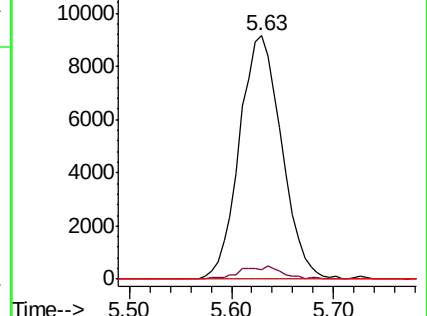
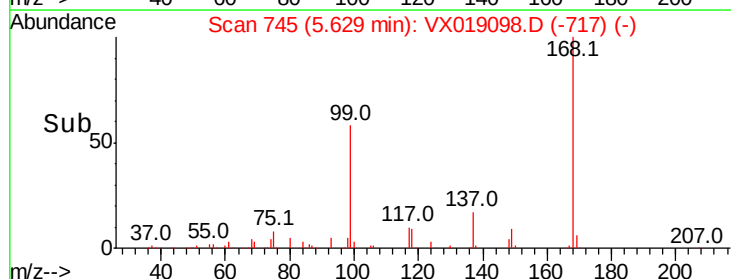
121 0.0 25.0 37.6#

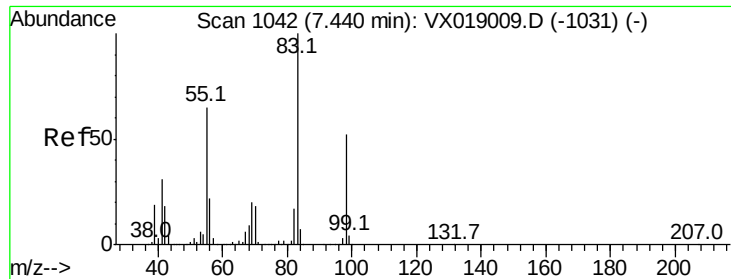


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

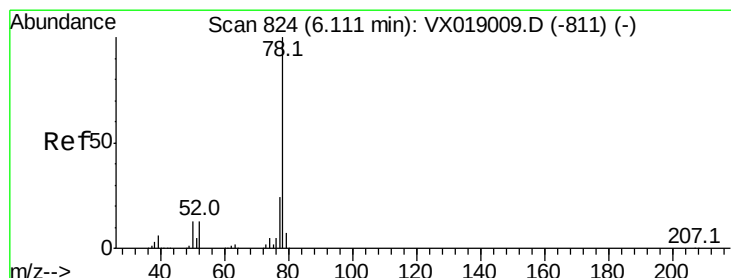
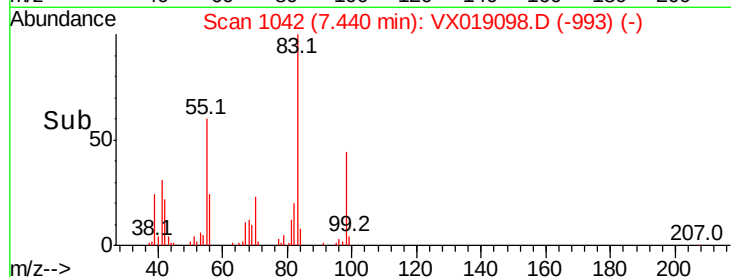
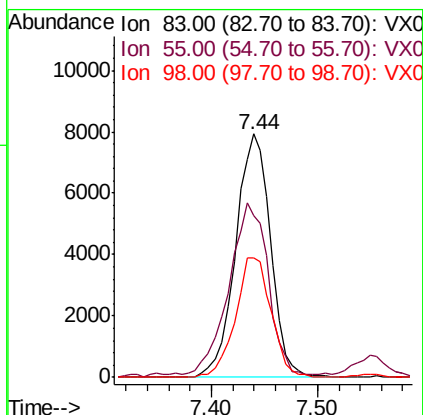
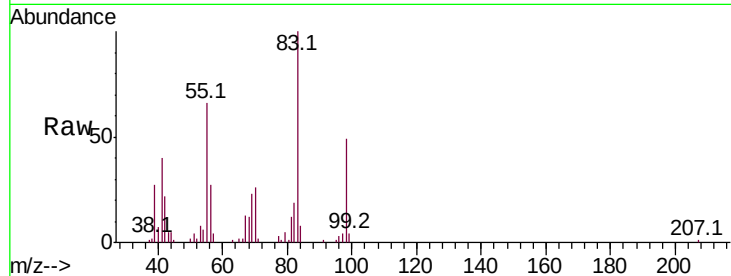




#39
Methylvlcyclohexane
Concen: 3.813 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

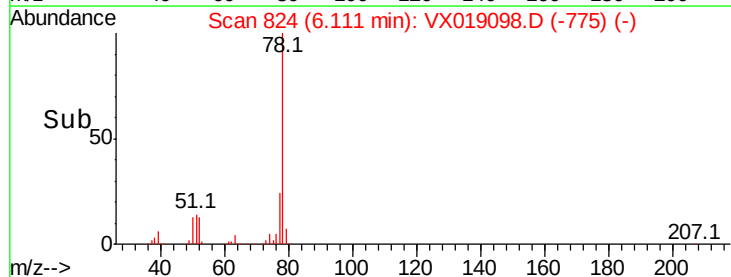
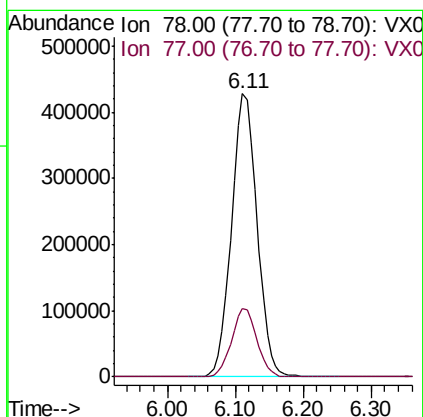
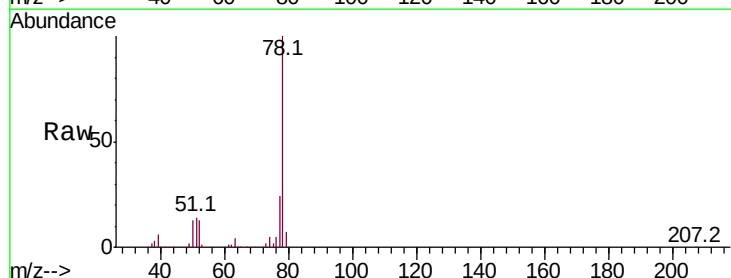
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

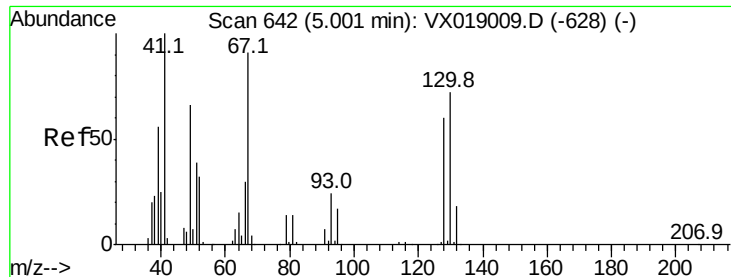
Tot Ion: 83 Resp: 18221
Ion Ratio Lower Upper
83 100
55 64.6 51.8 77.6
98 49.3 41.4 62.2



#40
Benzene
Concen: 88.975 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Tgt Ion: 78 Resp: 1117609
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

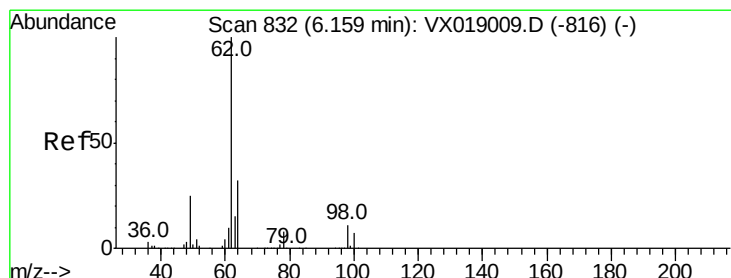
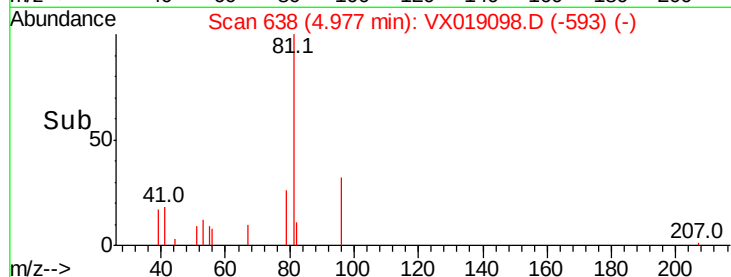
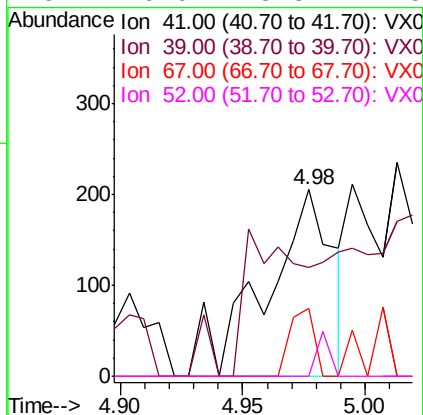
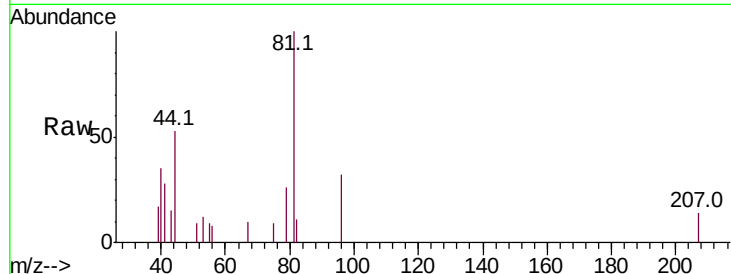




#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.02 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

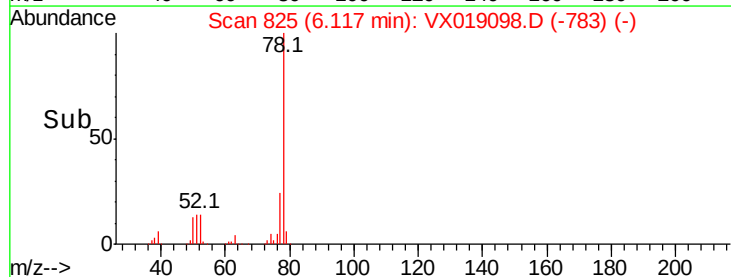
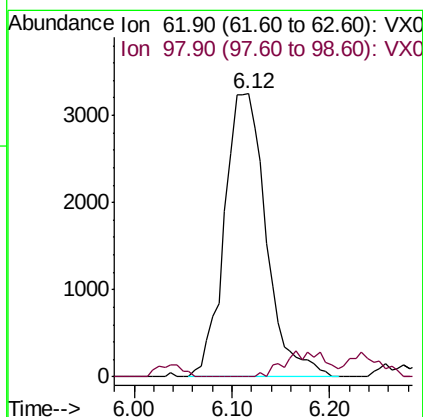
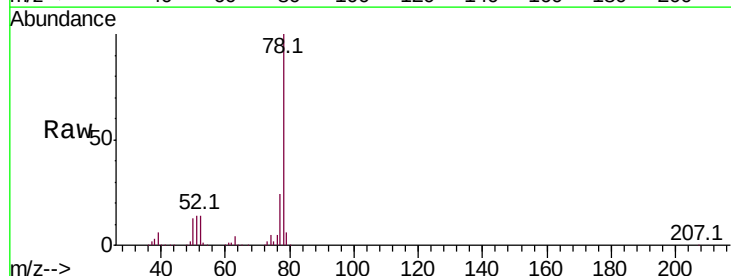
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

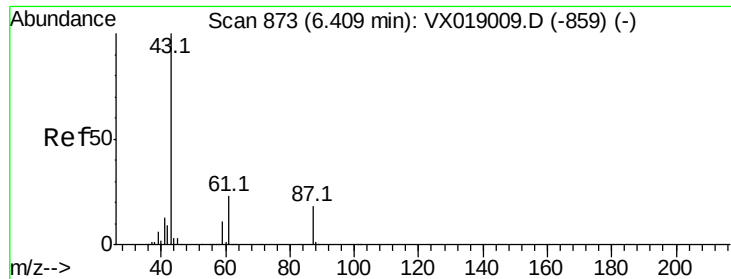
Tot Ion: 41 Resp: 394
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 76.1 114.1#
52 0.0 28.3 42.5#



#42
1,2-Dichloroethane
Concen: 2.257 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.04 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Tgt Ion: 62 Resp: 9674
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.8





#43

Isopropyl Acetate

Concen: 1.789 ug/l

RT: 6.32 min Scan# 858

Delta R.T. -0.09 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

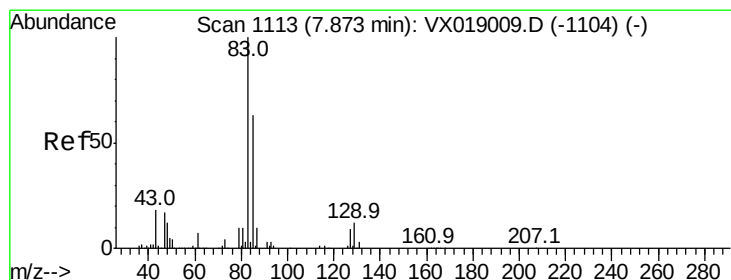
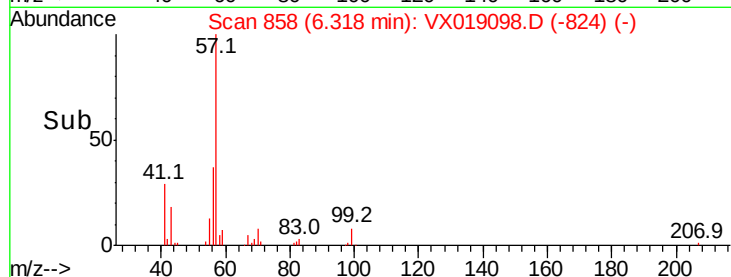
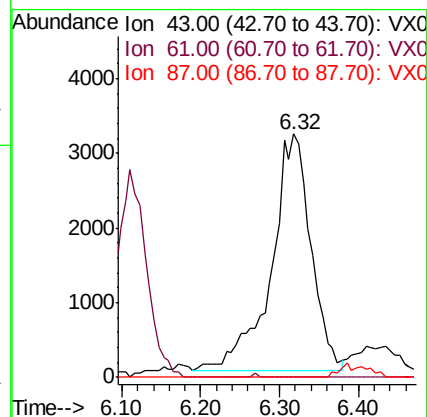
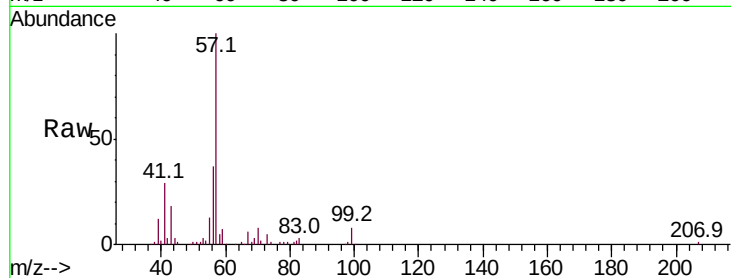
Tot Ion: 43 Resp: 11028

Ion Ratio Lower Upper

43 100

61 0.0 18.7 28.1#

87 0.0 14.2 21.4#



#47

Bromodichloromethane

Concen: 0.511 ug/l

RT: 7.93 min Scan# 1122

Delta R.T. 0.05 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

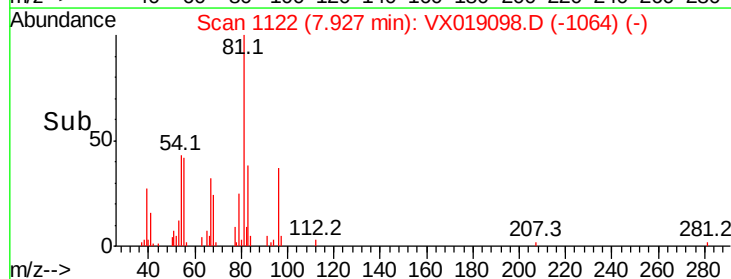
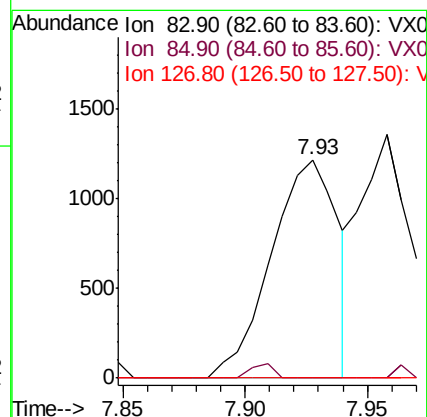
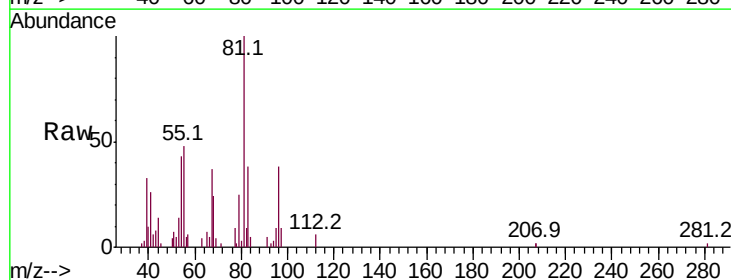
Tgt Ion: 83 Resp: 2299

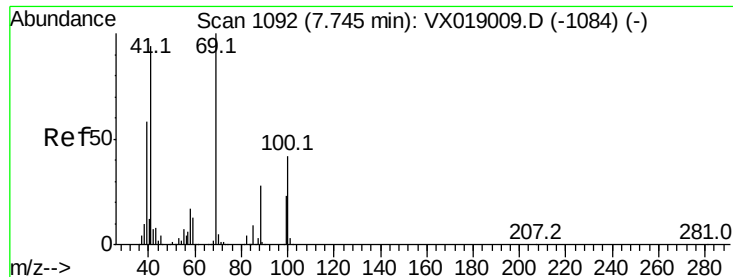
Ion Ratio Lower Upper

83 100

85 0.0 50.7 76.1#

127 0.0 6.8 10.2#

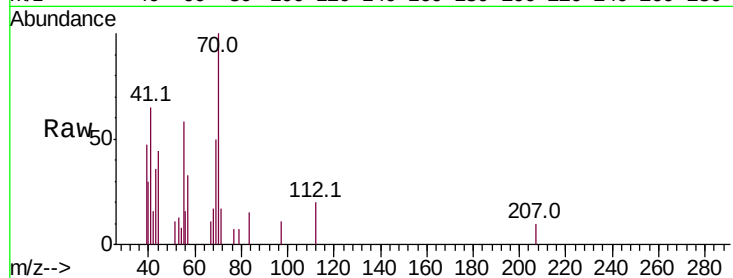




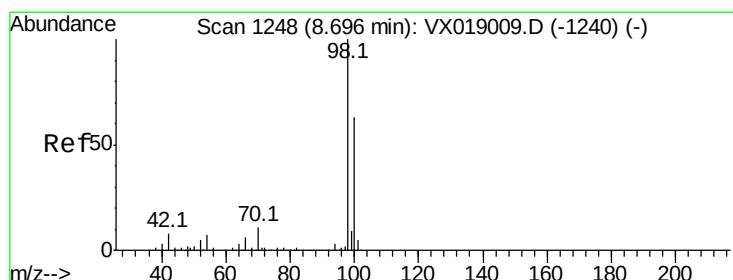
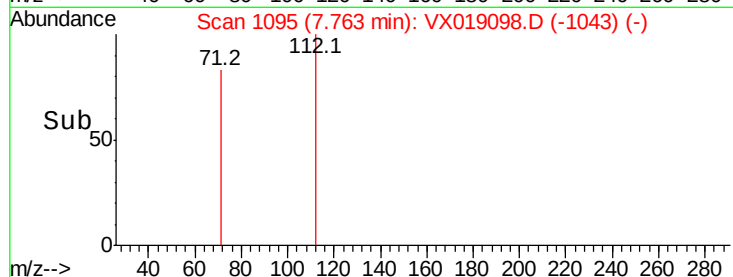
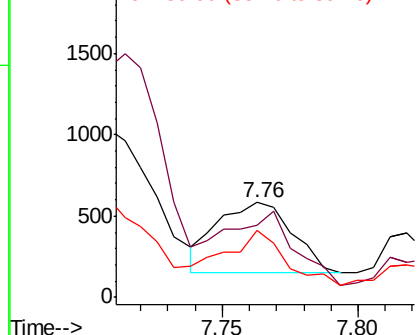
#48
Methvl methacrylate
Concen: 0.270 ug/l
RT: 7.76 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Instrument :
MSVOA_X
ClientSampled :
MW-5DL

Tot Ion: 41 Resp: 821
Ion Ratio Lower Upper
41 100
69 90.9 85.5 128.3
39 63.0 49.3 73.9

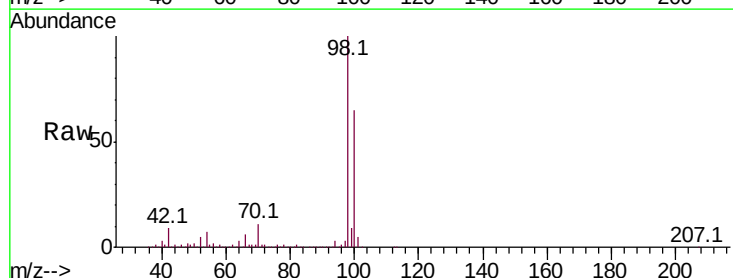


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

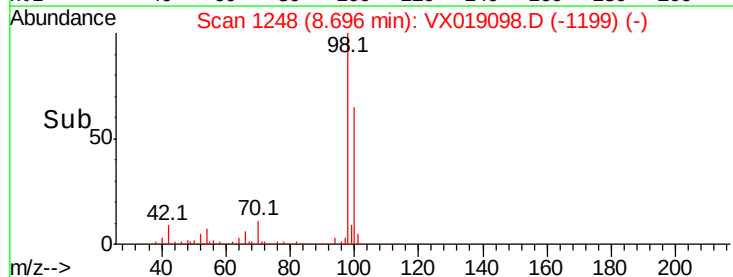
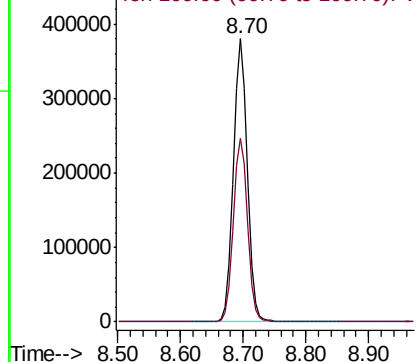


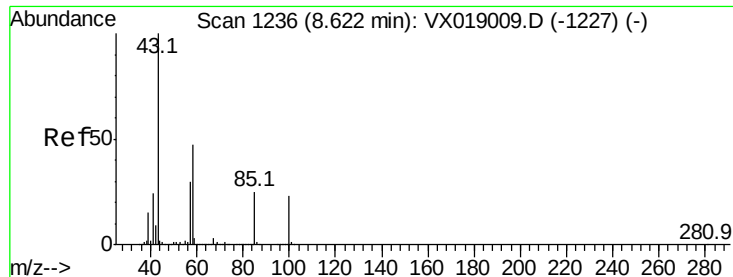
#50
Toluene-d8
Concen: 50.904 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Tgt Ion: 98 Resp: 584575
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.232 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampled :

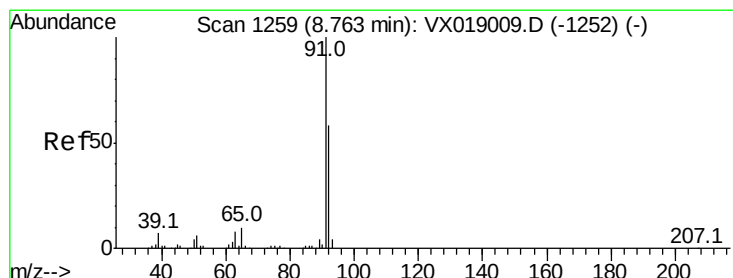
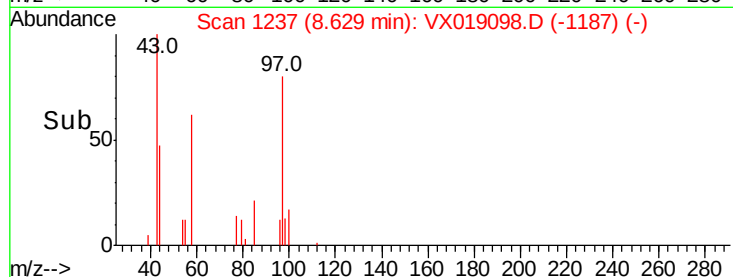
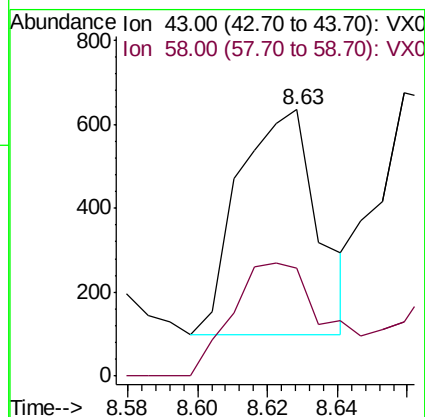
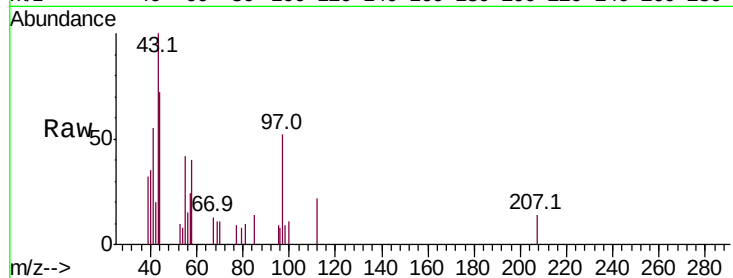
MW-5DL

Tot Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

58 59.5 37.4 56.0#



#52

Toluene

Concen: 7.466 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019098.D

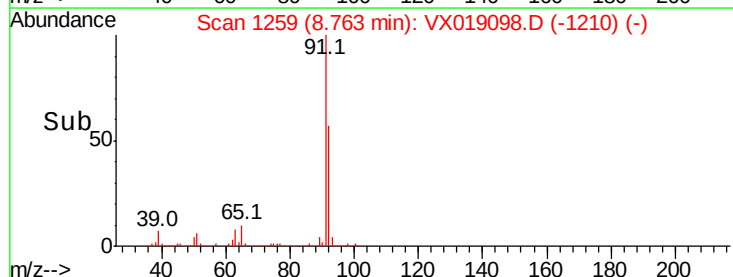
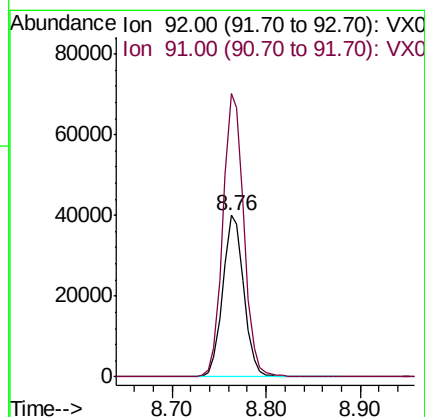
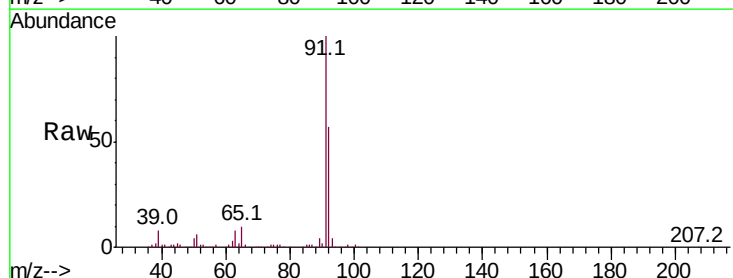
Acq: 24 Oct 2020 01:52

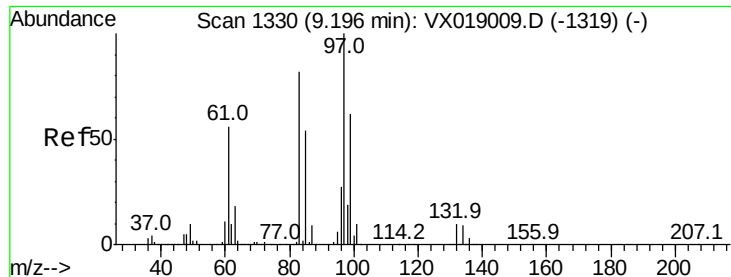
Tgt Ion: 92 Resp: 61938

Ion Ratio Lower Upper

92 100

91 175.0 138.6 208.0

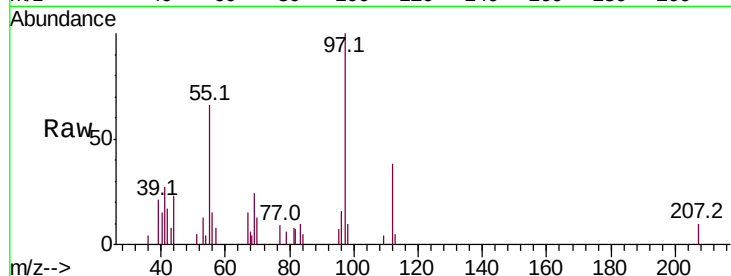




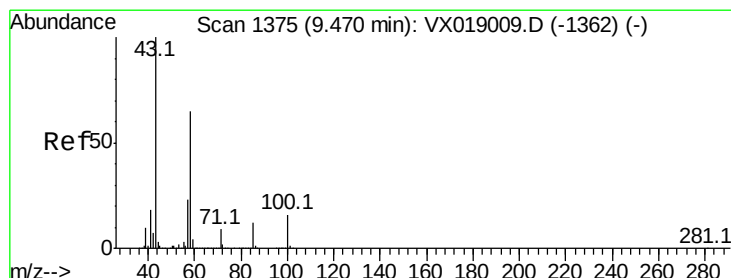
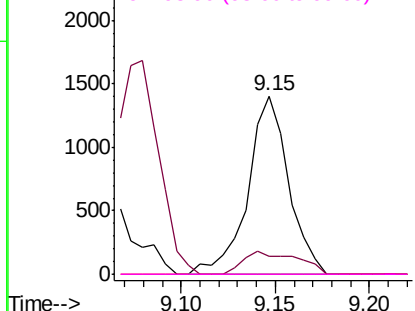
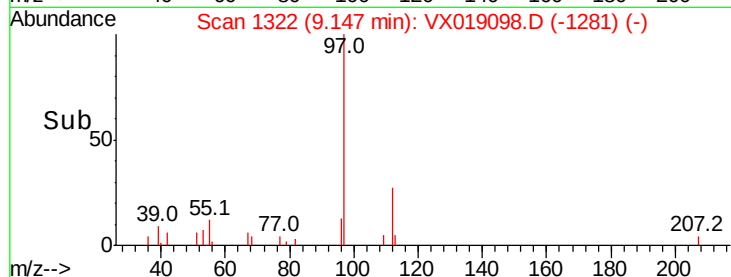
#55
 1,1,2-Trichloroethane
 Concen: 0.623 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: VX019098.D
 Acq: 24 Oct 2020 01:52

Instrument :
 MSVOA_X
 ClientSampled :
 MW-5DL

Tot Ion: 97 Resp: 2106
 Ion Ratio Lower Upper
 97 100
 83 10.2 65.4 98.2#
 85 0.0 43.3 64.9#
 99 0.0 50.0 75.0#

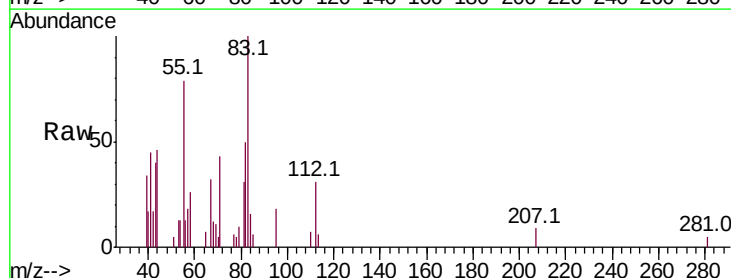


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

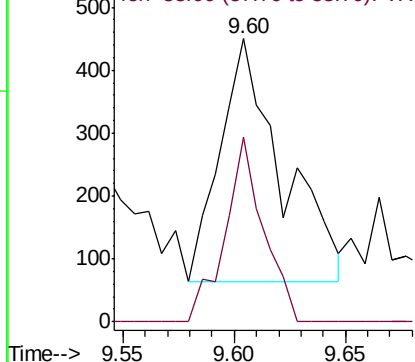
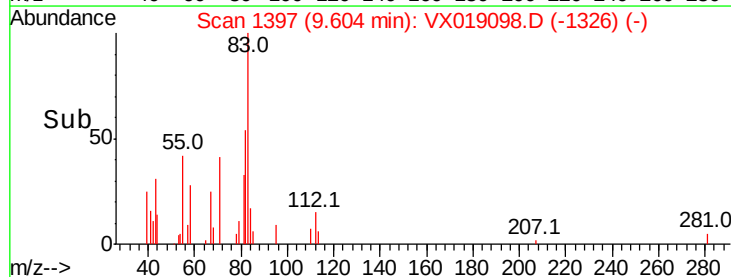


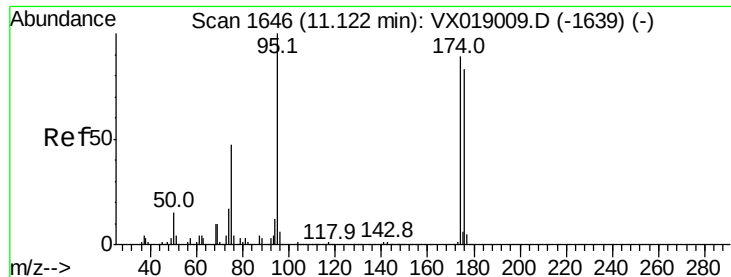
#59
 2-Hexanone
 Concen: 0.277 ug/l
 RT: 9.60 min Scan# 1397
 Delta R.T. 0.13 min
 Lab File: VX019098.D
 Acq: 24 Oct 2020 01:52

Tgt Ion: 43 Resp: 750
 Ion Ratio Lower Upper
 43 100
 58 46.8 32.8 98.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.789 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

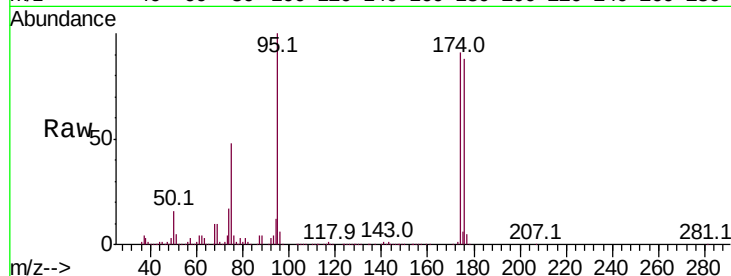
Tot Ion: 95 Resp: 211552

Ion Ratio Lower Upper

95 100

174 85.1 0.0 167.6

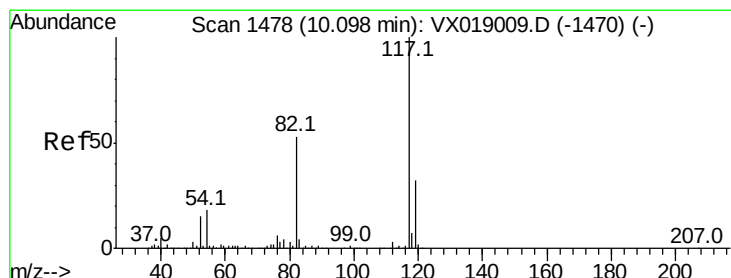
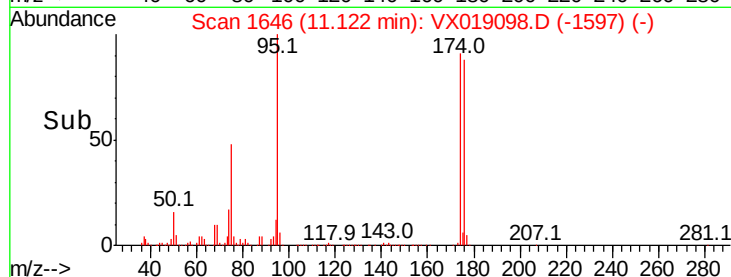
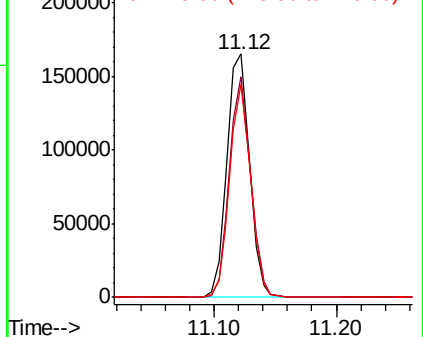
176 81.8 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

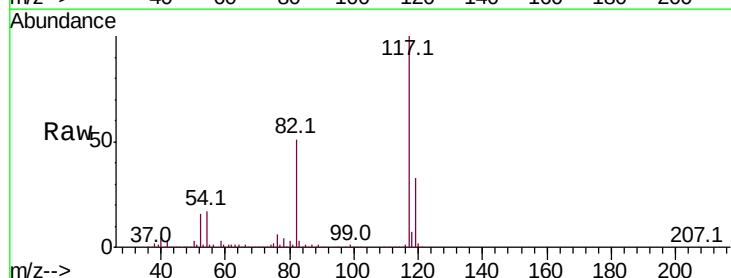
Tgt Ion: 117 Resp: 448914

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

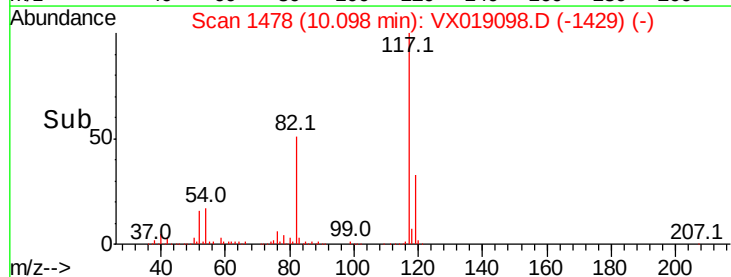
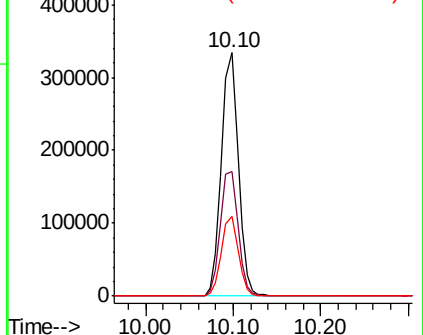
119 32.8 25.6 38.4

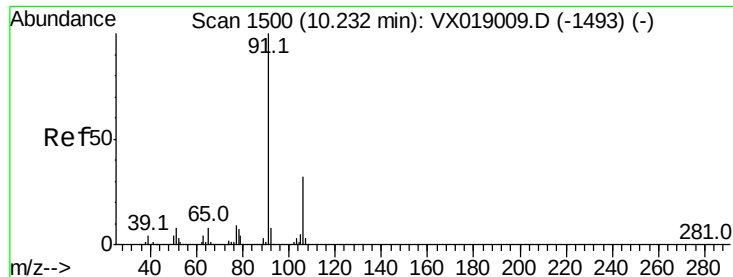


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

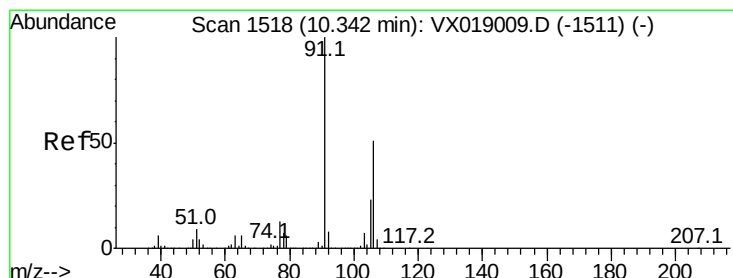
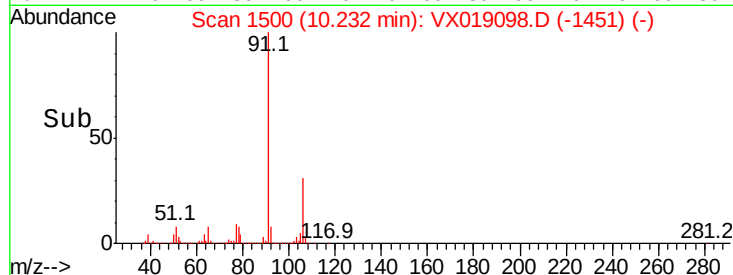
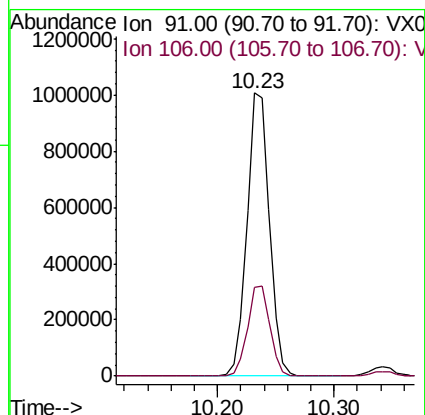
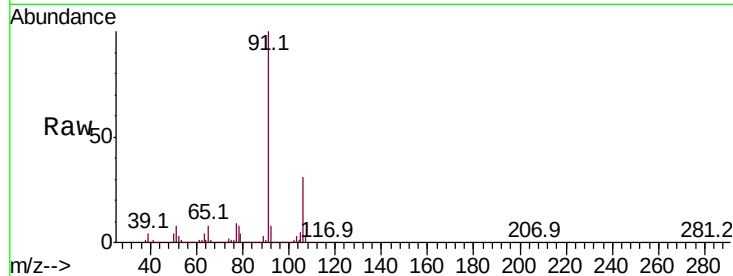




#67
Ethyl Benzene
Concen: 83.476 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

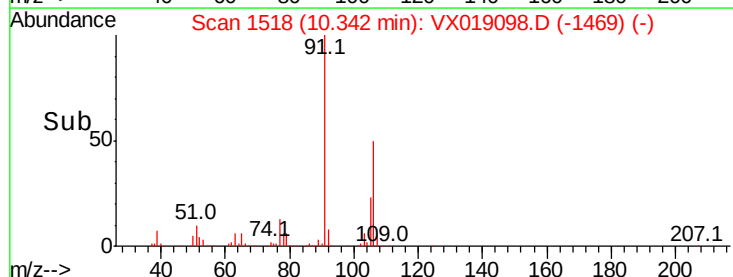
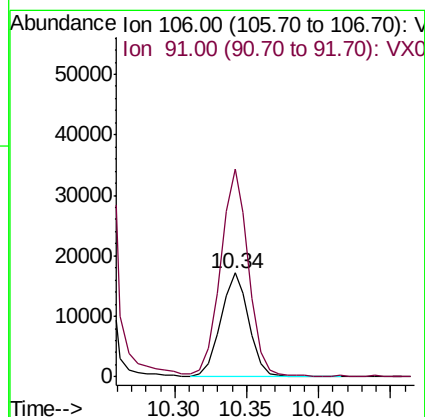
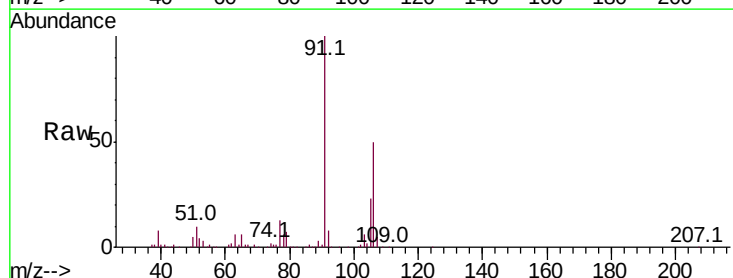
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

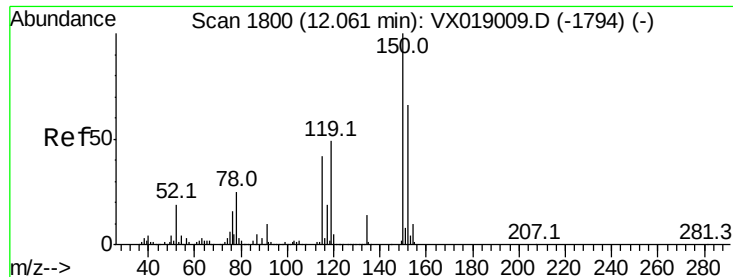
Tot Ion: 91 Resp: 1354928
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 3.811 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Tgt Ion: 106 Resp: 23698
Ion Ratio Lower Upper
106 100
91 196.7 156.9 235.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

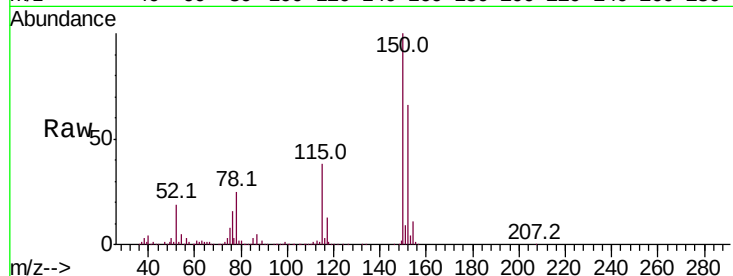
Tot Ion:152 Resp: 231973

Ion Ratio Lower Upper

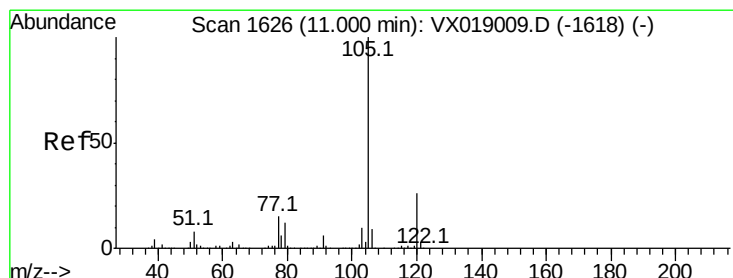
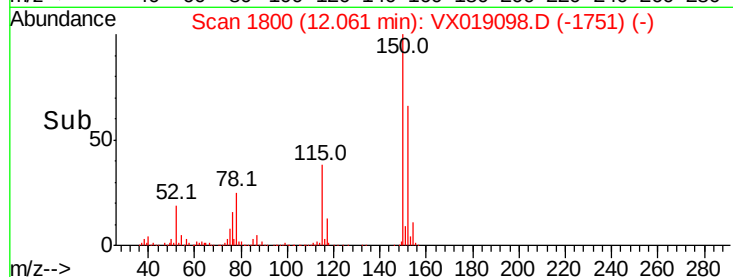
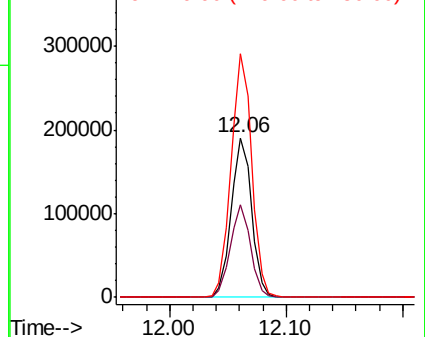
152 100

115 57.5 40.8 122.5

150 155.4 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 18.142 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019098.D

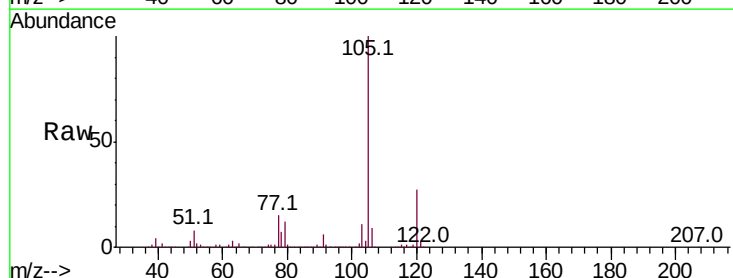
Acq: 24 Oct 2020 01:52

Tgt Ion:105 Resp: 302739

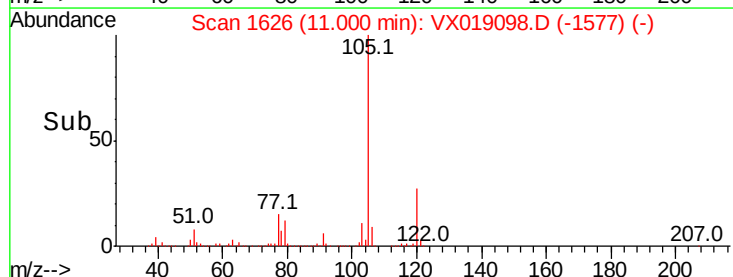
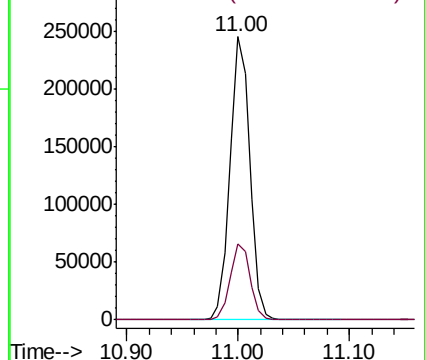
Ion Ratio Lower Upper

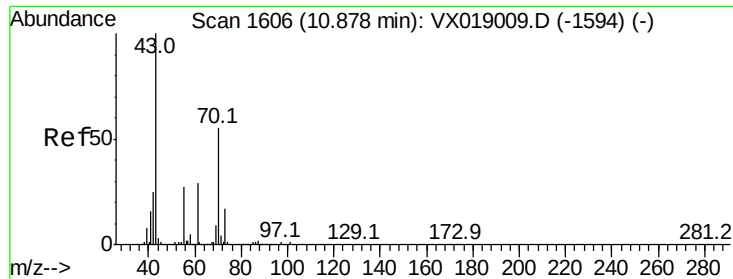
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

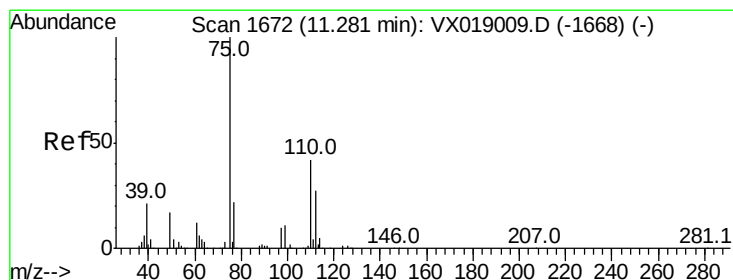
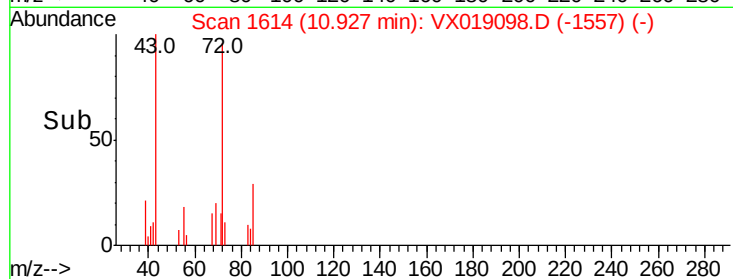
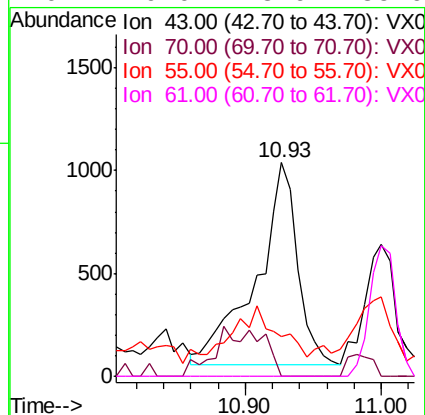
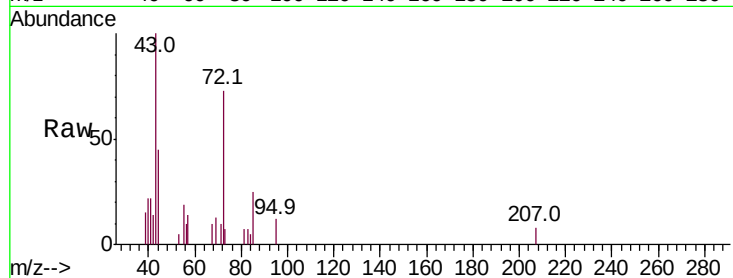




#74
N-amvl acetate
Concen: 0.391 ug/l
RT: 10.93 min Scan# 1614
Delta R.T. 0.05 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

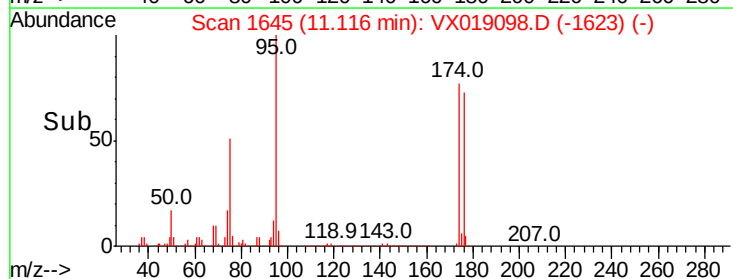
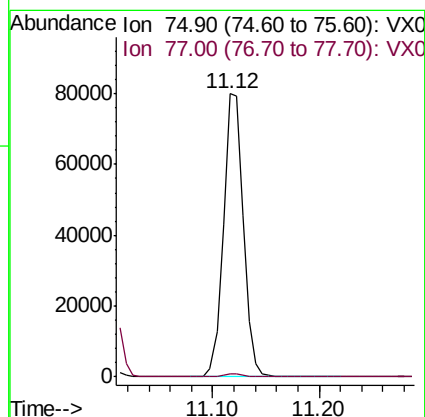
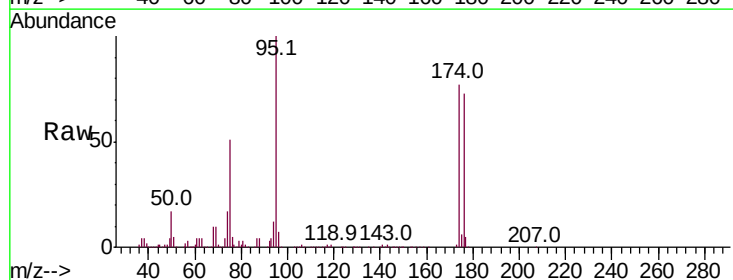
Instrument :
MSVOA_X
ClientSampled :
MW-5DL

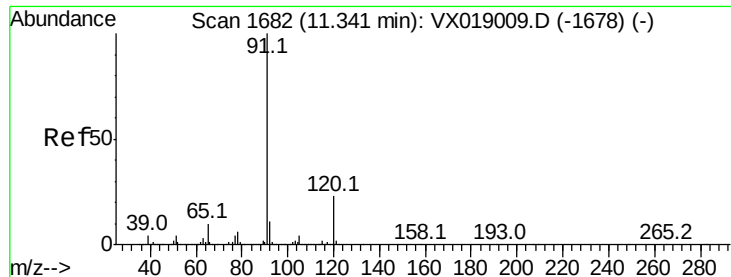
Tot Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
70 0.0 44.5 66.7#
55 24.3 21.9 32.9
61 0.0 23.9 35.9#



#76
1,2,3-Trichloropropane
Concen: 22.515 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019098.D
Acq: 24 Oct 2020 01:52

Tgt Ion: 75 Resp: 104391
Ion Ratio Lower Upper
75 100
77 1.3 20.7 62.1#





#78

n-propylbenzene

Concen: 16.274 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampled :

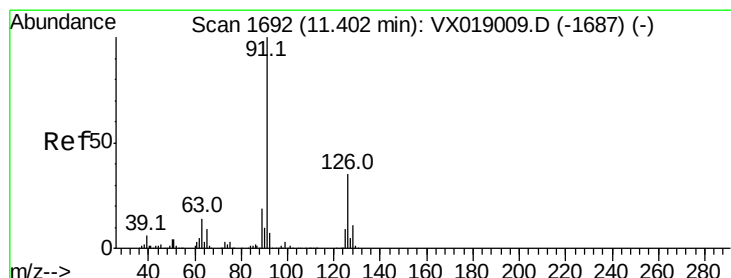
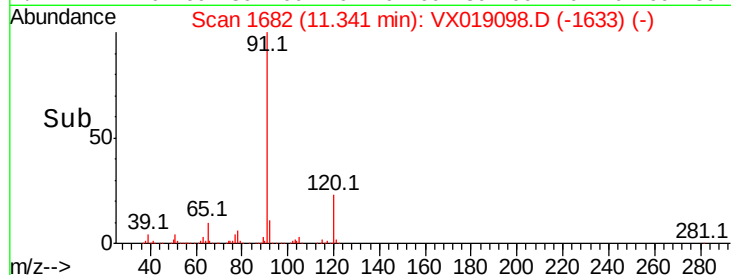
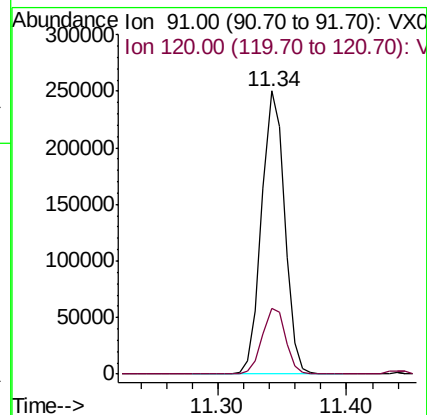
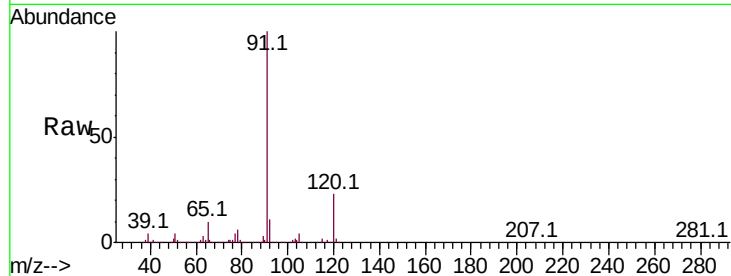
MW-5DL

Tot Ion: 91 Resp: 307729

Ion Ratio Lower Upper

91 100

120 23.7 12.1 36.3



#79

2-Chlorotoluene

Concen: 27.896 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.06 min

Lab File: VX019098.D

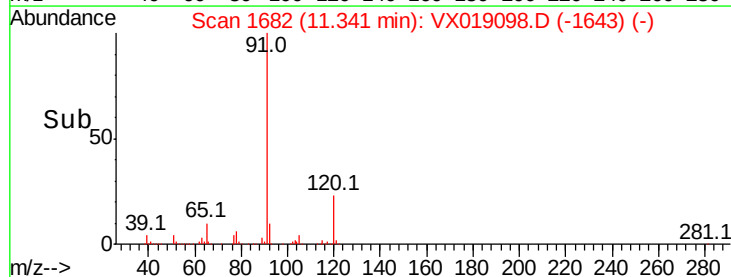
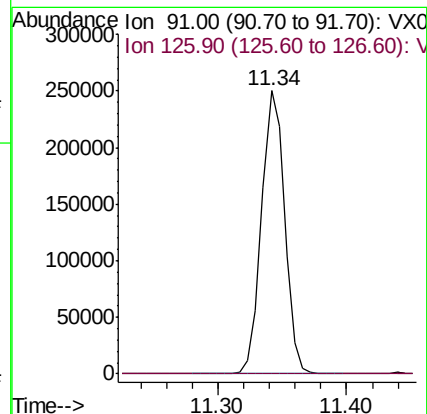
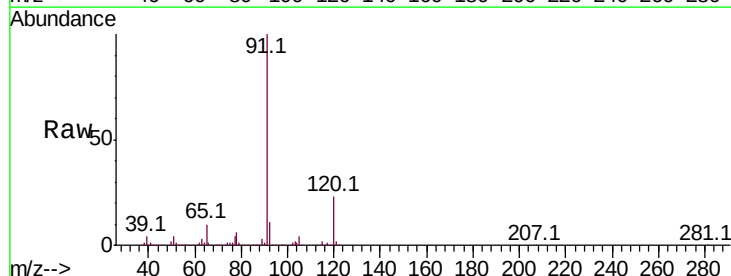
Acq: 24 Oct 2020 01:52

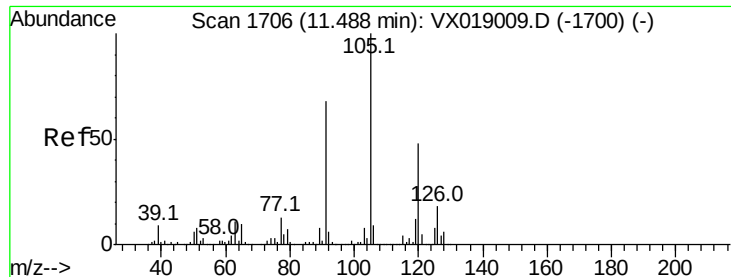
Tgt Ion: 91 Resp: 307729

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#

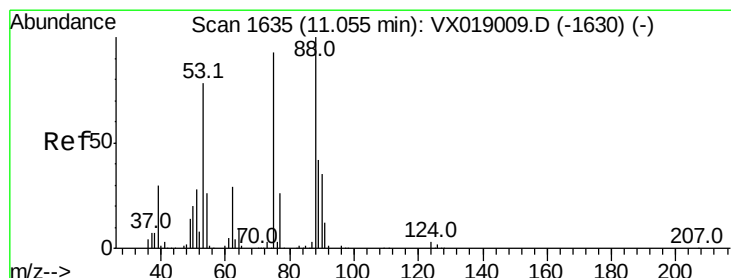
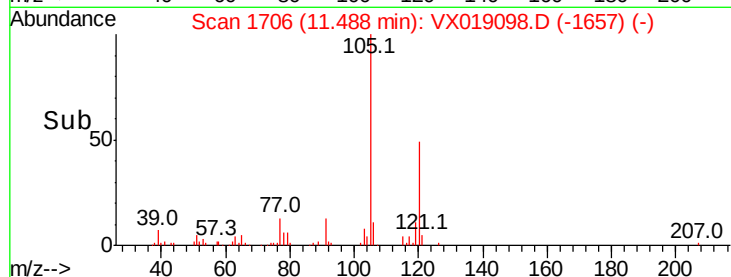
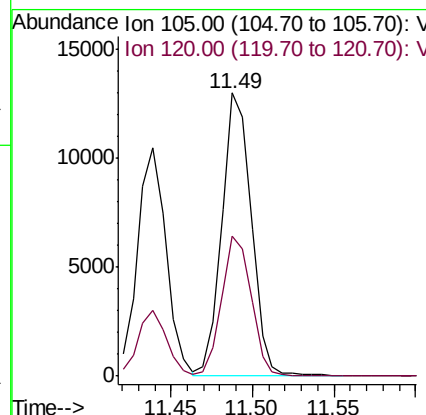
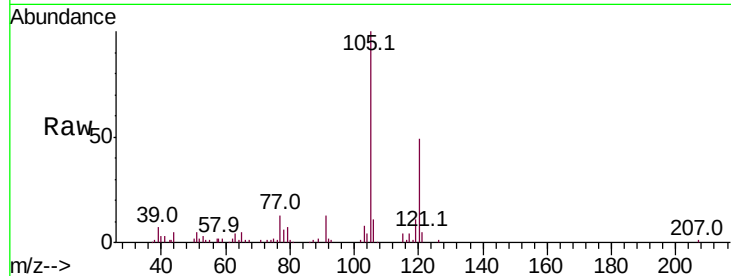




#80
 1,3,5-Trimethylbenzene
 Concen: 1.188 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019098.D
 Acq: 24 Oct 2020 01:52

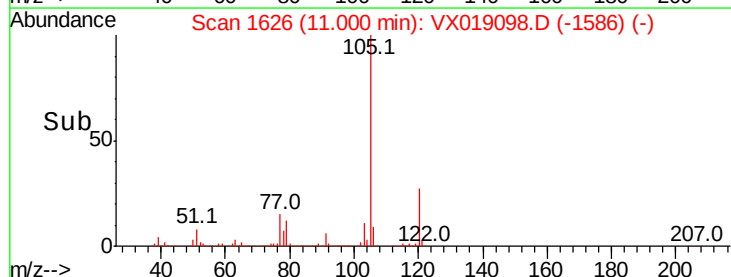
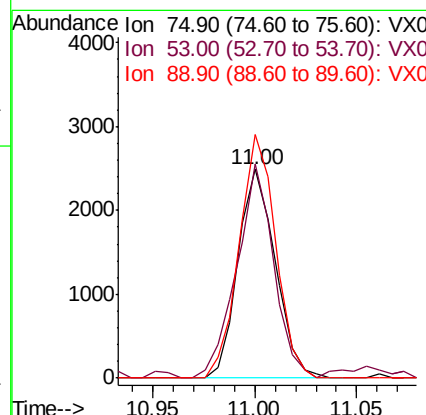
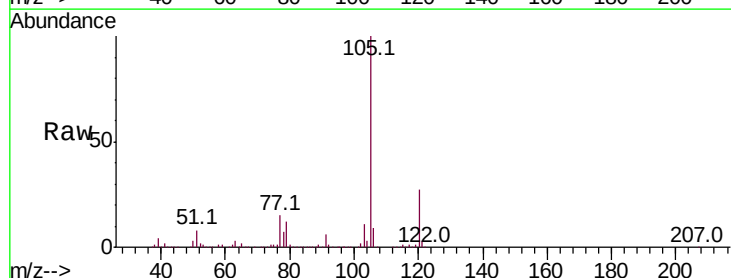
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5DL

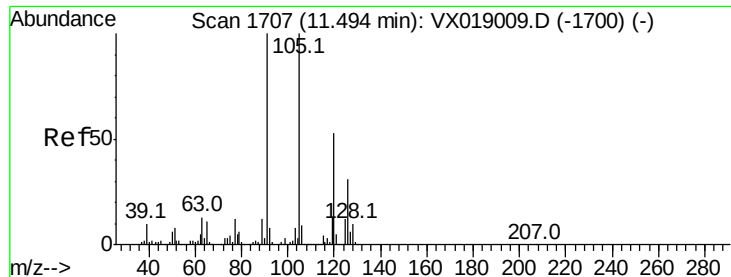
Tot Ion:105 Resp: 16369
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.738 ug/l
 RT: 11.00 min Scan# 1626
 Delta R.T. -0.05 min
 Lab File: VX019098.D
 Acq: 24 Oct 2020 01:52

Tgt Ion: 75 Resp: 3162
 Ion Ratio Lower Upper
 75 100
 53 101.3 67.4 101.2#
 89 113.9 37.2 55.8#





#82

4-Chlorotoluene

Concen: 23.444 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.15 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampled :

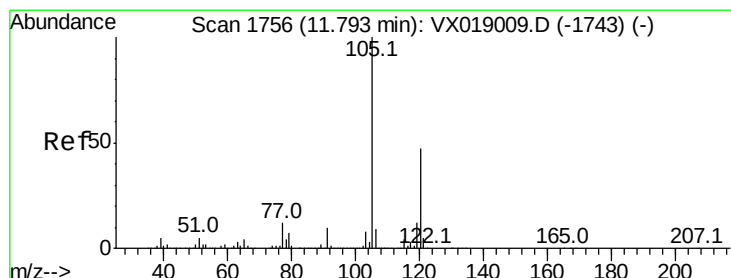
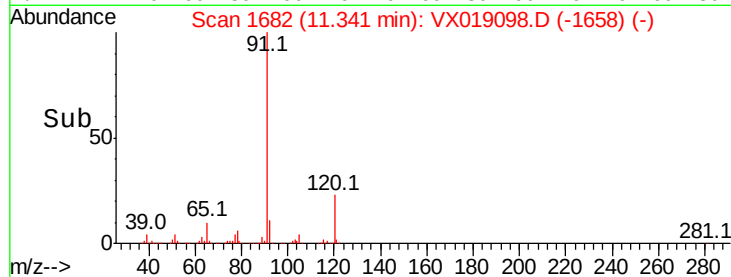
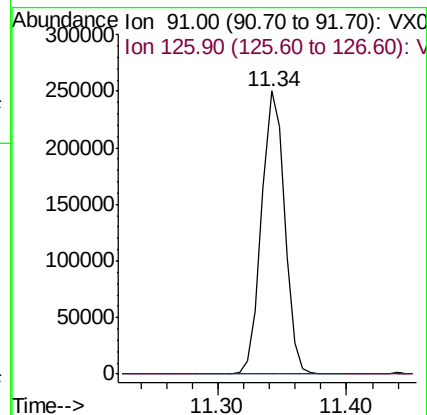
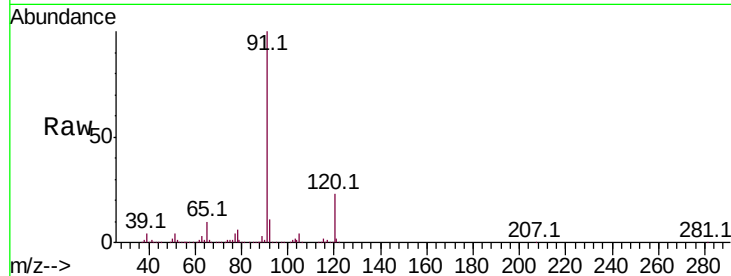
MW-5DL

Tot Ion: 91 Resp: 307729

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#



#84

1,2,4-Trimethylbenzene

Concen: 0.228 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019098.D

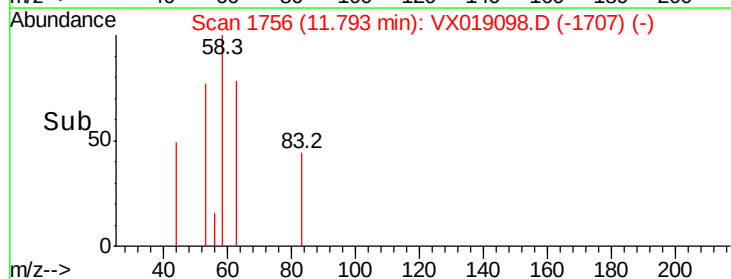
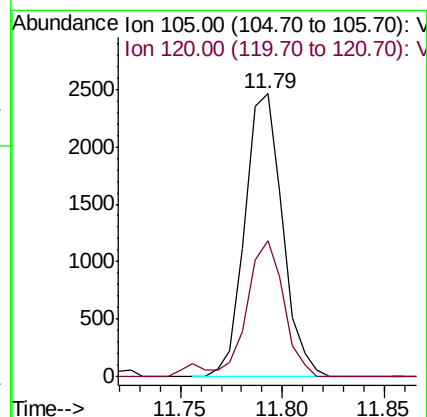
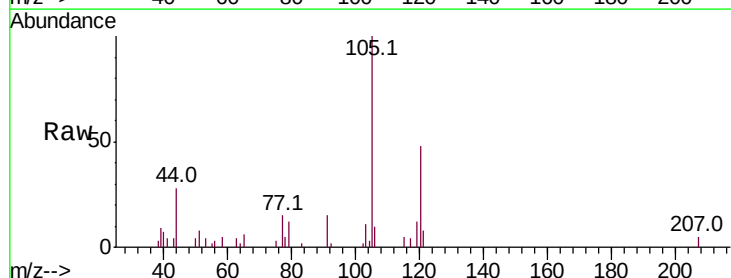
Acq: 24 Oct 2020 01:52

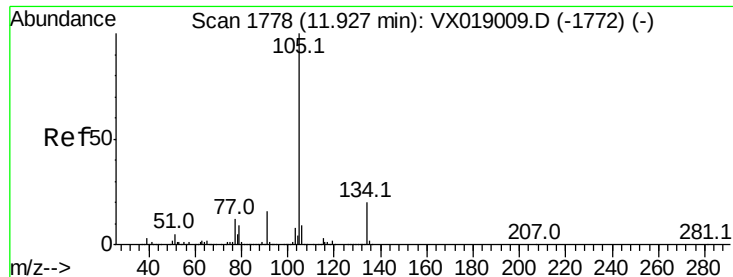
Tgt Ion: 105 Resp: 3153

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 0.692 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampled :

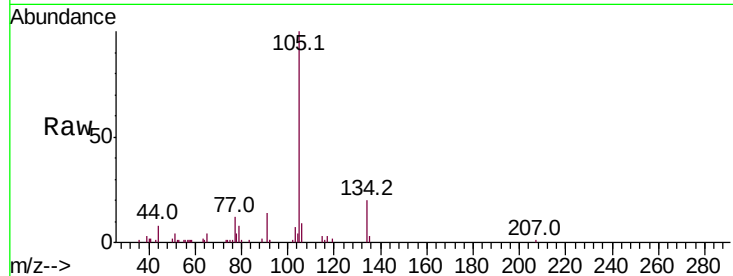
MW-5DL

Tot Ion:105 Resp: 11374

Ion Ratio Lower Upper

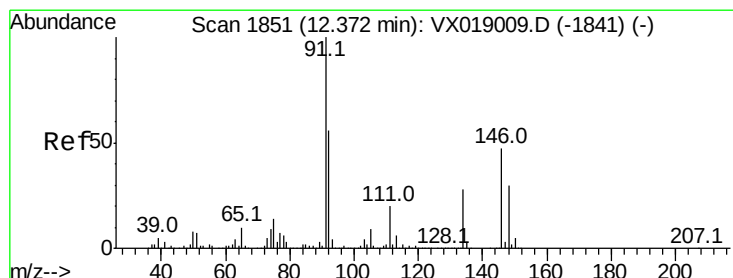
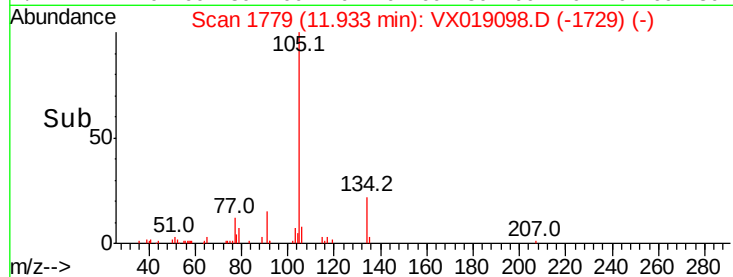
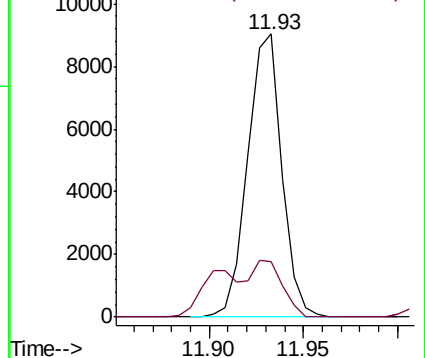
105 100

134 19.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 1.210 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

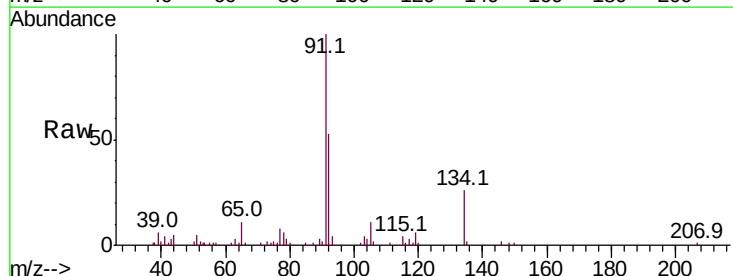
Tgt Ion: 91 Resp: 16630

Ion Ratio Lower Upper

91 100

92 46.0 27.3 81.9

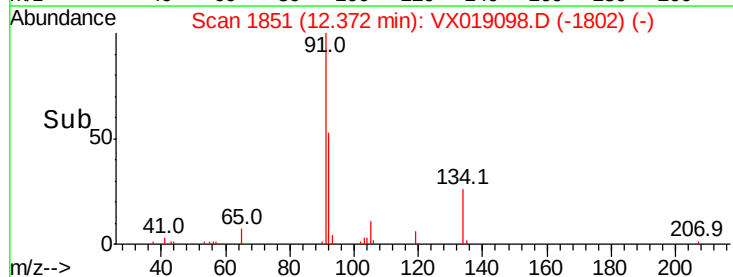
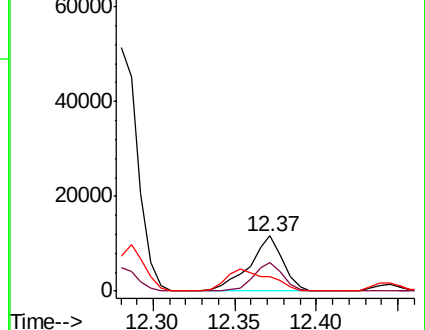
134 52.0 13.6 40.7#

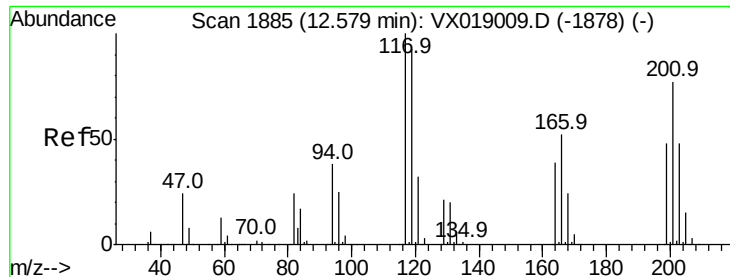


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4.333 ug/l

RT: 12.65 min Scan# 1897

Delta R.T. 0.07 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

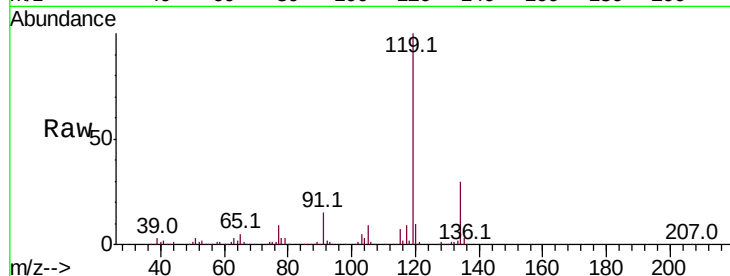
MW-5DL

Tot Ion:117 Resp: 9956

Ion Ratio Lower Upper

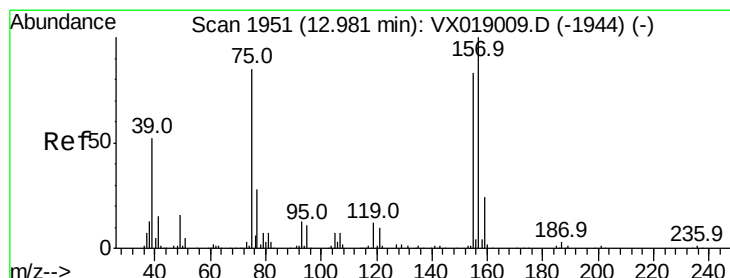
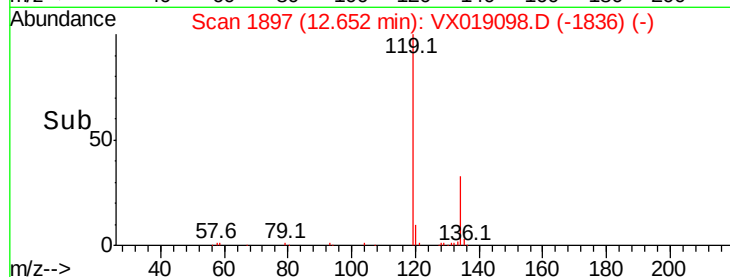
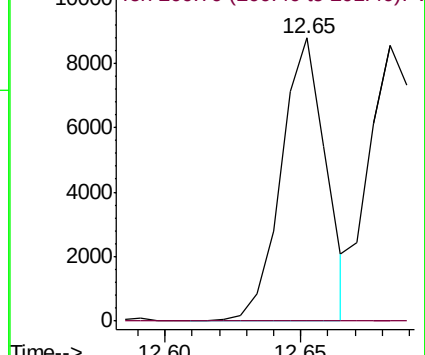
117 100

201 0.0 37.1 111.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.472 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

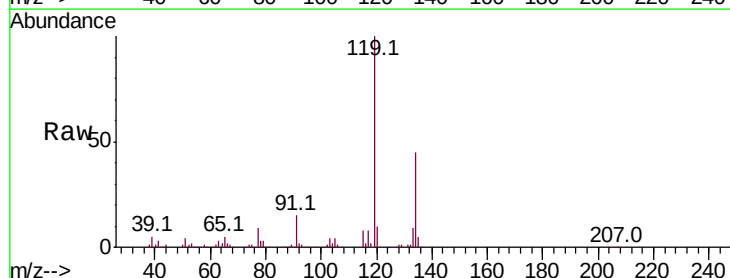
Tgt Ion: 75 Resp: 540

Ion Ratio Lower Upper

75 100

155 0.0 47.3 142.0#

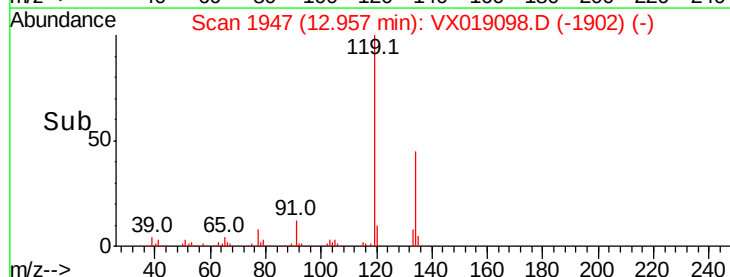
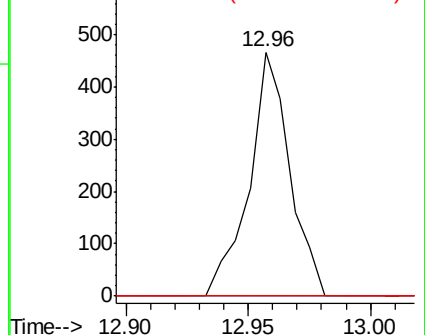
157 0.0 59.7 179.0#

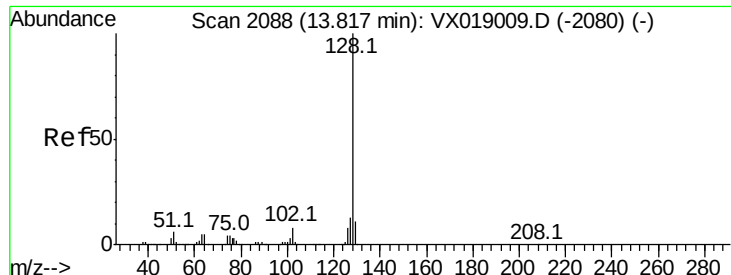


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 23.581 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019098.D

Acq: 24 Oct 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

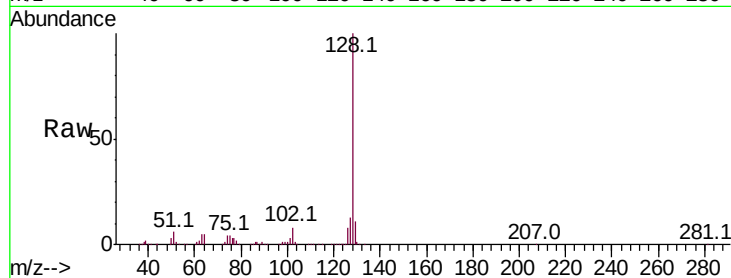
Tot Ion:128 Resp: 391274

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.0 8.7 13.1



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

