

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018911.D
 Acq On : 12 Oct 2020 18:15
 Operator : JC/SP
 Sample : PB132255ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#03

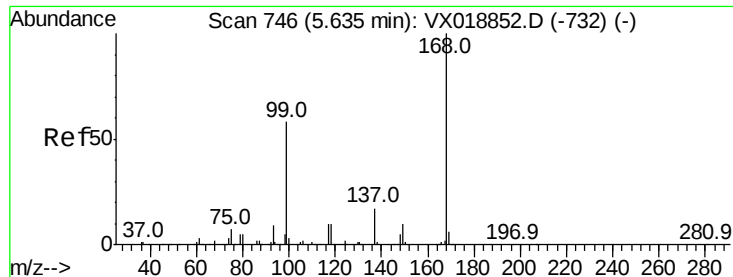
Quant Time: Oct 13 04:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	397304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207242	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	184813	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
35) Dibromofluoromethane	5.46	113	144646	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	8.70	98	526483	53.60	ug/l	0.00
Spiked Amount			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	11.12	95	198819	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	29	1.628	ug/l #	43
5) Bromomethane	1.64	94	384	0.257	ug/l #	42
8) Diethyl Ether	2.16	74	262	1.204	ug/l	83
10) Methyl Iodide	2.50	142	64	4.013	ug/l #	69
11) Tert butyl alcohol	2.99	59	1648	2.767	ug/l #	75
12) 1,1-Dichloroethene	2.35	96	77	0.737	ug/l #	29
13) Acrolein	2.26	56	120	0.242	ug/l #	47
16) Acetone	2.42	43	10567	2.265	ug/l	92
18) Methyl Acetate	2.75	43	3092	0.984	ug/l	97
20) Methylene Chloride	2.84	84	5254	2.432	ug/l	86
25) 2-Butanone	4.65	43	2433	1.188	ug/l #	88
28) Bromochloromethane	4.96	49	76	1.554	ug/l #	8
29) Tetrahydrofuran	5.11	42	680	0.619	ug/l #	88
31) Cyclohexane	5.62	56	5557	1.573	ug/l #	39
36) 1,1-Dichloropropene	5.63	75	19014	4.552	ug/l #	50
38) Carbon Tetrachloride	5.64	117	24805	4.791	ug/l #	19
43) Isopropyl Acetate	6.41	43	62801	9.368	ug/l	99
48) Methyl methacrylate	7.85	41	113762	33.443	ug/l #	43
49) 1,4-Dioxane	7.71	88	93	1.950	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	60090	15.357	ug/l #	53
54) cis-1,3-Dichloropropene	8.59	75	27135	5.357	ug/l #	59
56) Ethyl methacrylate	9.29	69	1753	3.300	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	5310	1.058	ug/l #	43
59) 2-Hexanone	9.42	43	61050	20.479	ug/l #	25
64) Tetrachloroethene	9.32	164	111	Below Cal	#	79
74) N-amyl acetate	10.80	43	2500	0.466	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	104622	23.429	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	2875	0.248	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.12	75	104622	66.398	ug/l #	8
95) Naphthalene	13.82	128	330	3.099	ug/l #	70

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

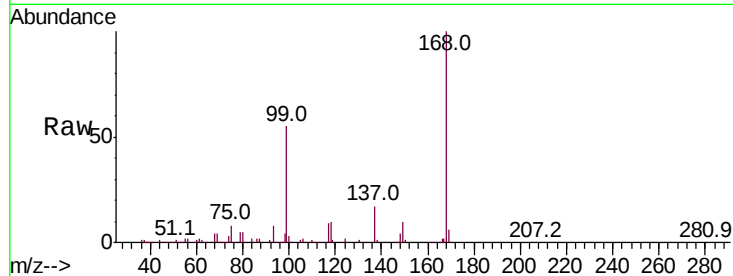


#1

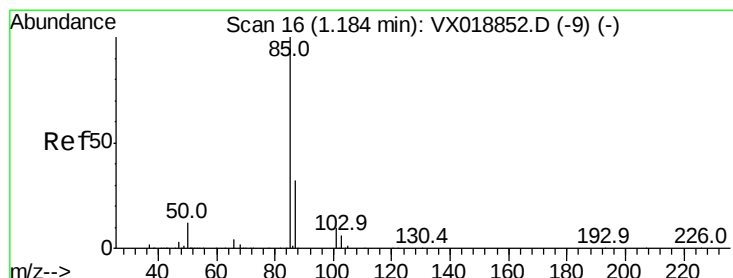
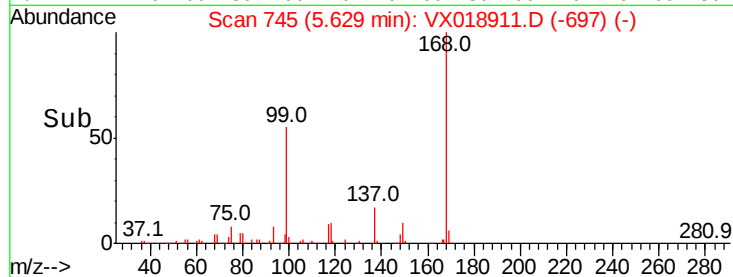
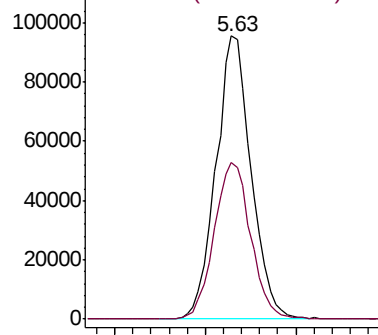
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX018911.D
 Acq: 12 Oct 2020 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#03

Tot Ion:168 Resp: 256379
 Ion Ratio Lower Upper
 168 100
 99 55.4 46.1 69.1



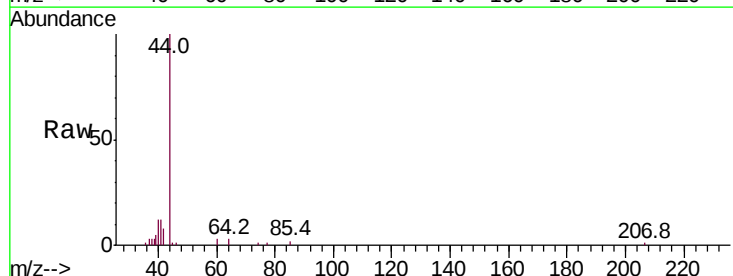
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



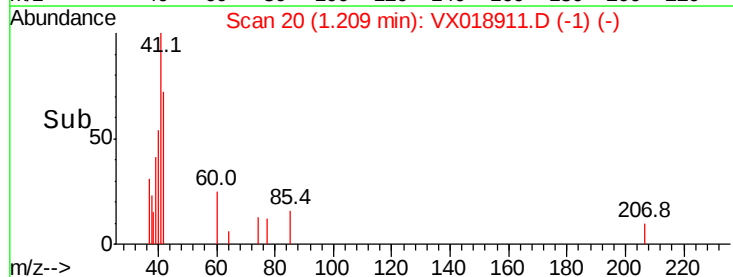
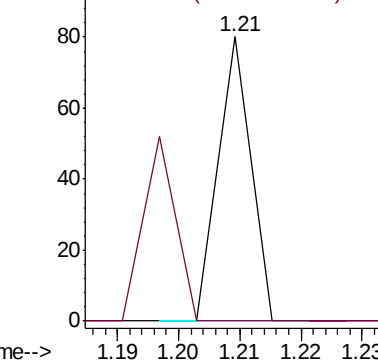
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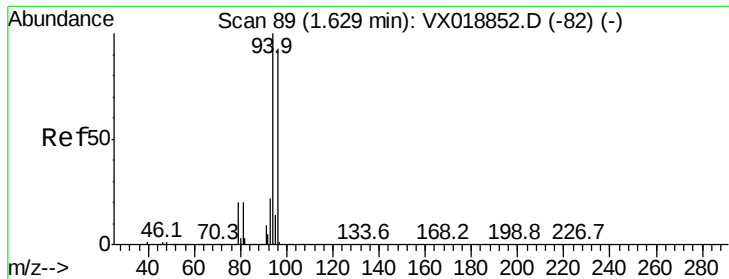
Dichlorodifluoromethane
 Concen: 1.628 ug/l
 RT: 1.21 min Scan# 20
 Delta R.T. 0.03 min
 Lab File: VX018911.D
 Acq: 12 Oct 2020 18:15

Tgt Ion: 85 Resp: 29
 Ion Ratio Lower Upper
 85 100
 87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.257 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

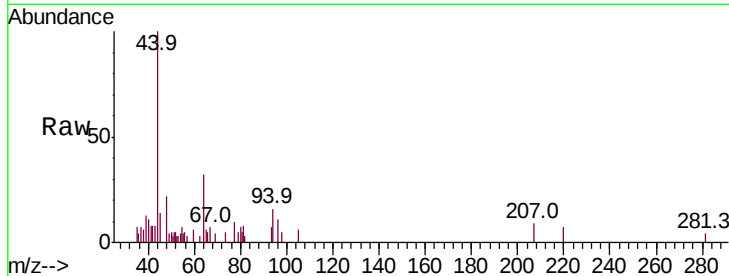
PB132255ZHE#03

Tot Ion: 94 Resp: 384

Ion Ratio Lower Upper

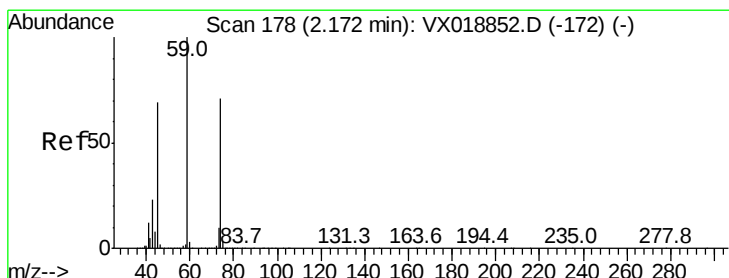
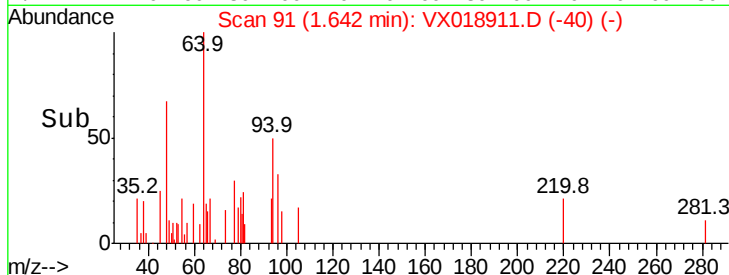
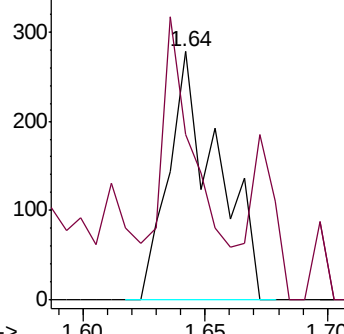
94 100

96 37.8 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 1.204 ug/l

RT: 2.16 min Scan# 176

Delta R.T. -0.01 min

Lab File: VX018911.D

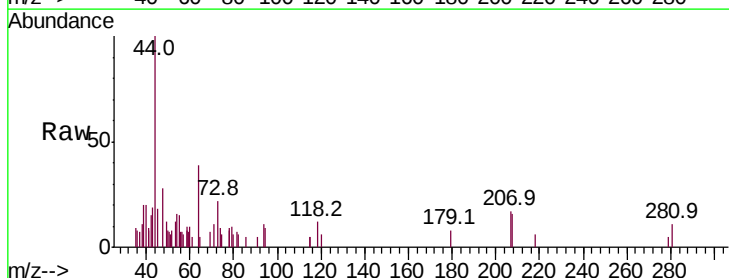
Acq: 12 Oct 2020 18:15

Tgt Ion: 74 Resp: 262

Ion Ratio Lower Upper

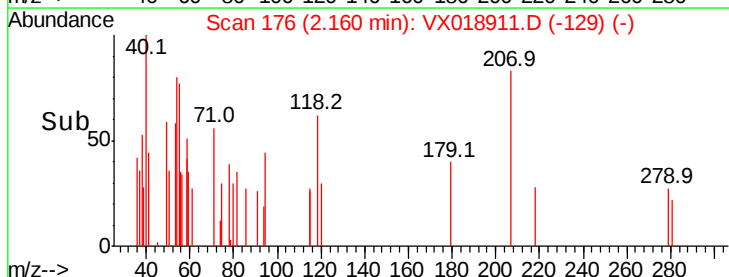
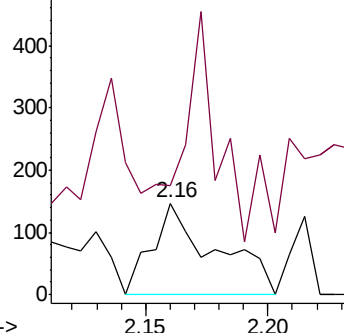
74 100

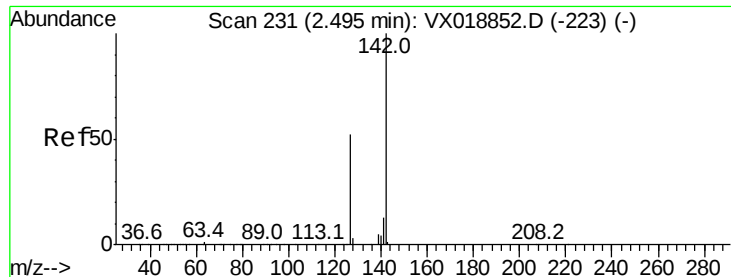
45 110.7 47.0 141.2



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

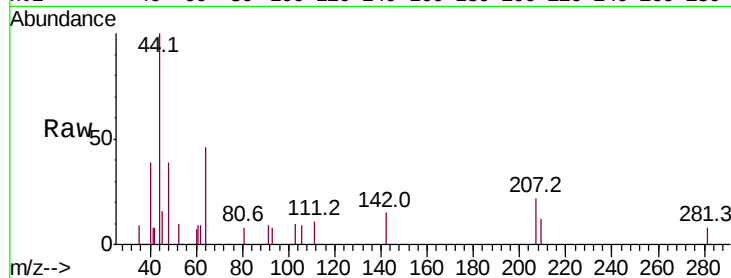




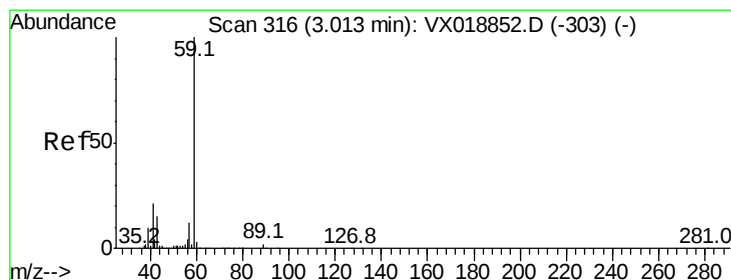
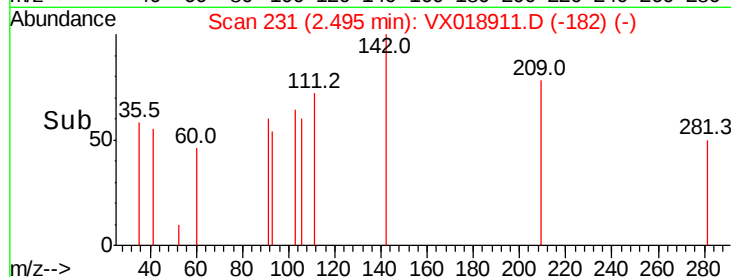
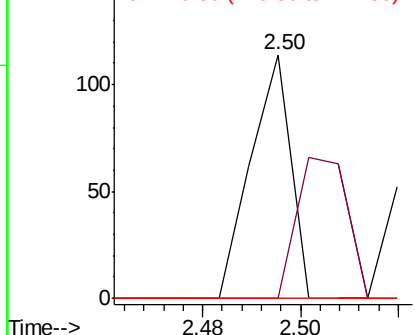
#10
Methvl Iodide
Concen: 4.013 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#03

Tot Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 73.4 42.0 63.0#
141 0.0 11.8 17.6#

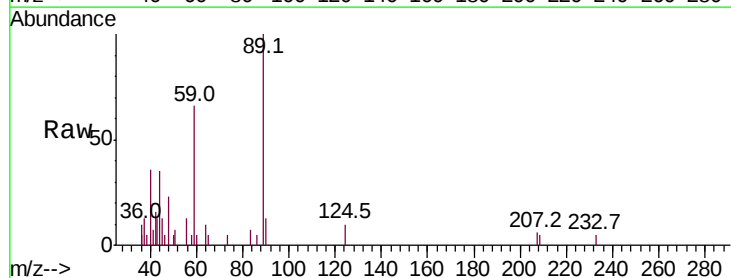


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

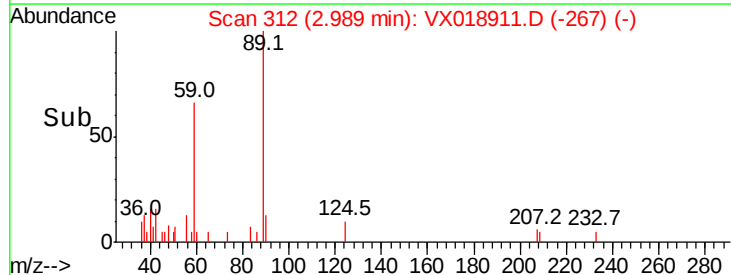
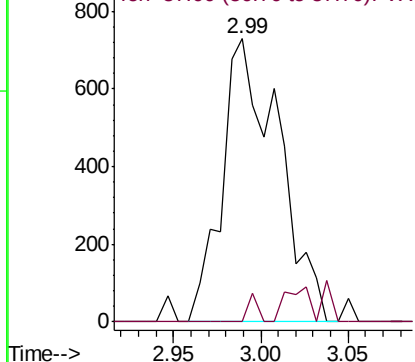


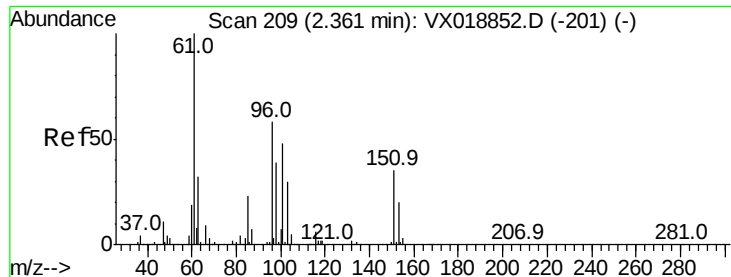
#11
Tert butyl alcohol
Concen: 2.767 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Tgt Ion: 59 Resp: 1648
Ion Ratio Lower Upper
59 100
57 1.6 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.737 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

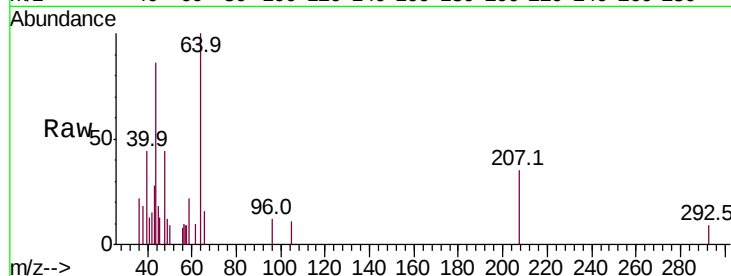
Tot Ion: 96 Resp: 77

Ion Ratio Lower Upper

96 100

61 80.5 137.0 205.6#

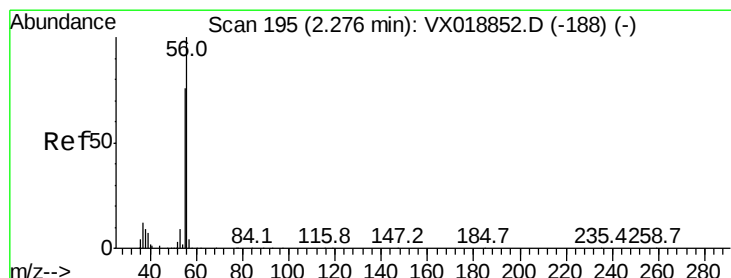
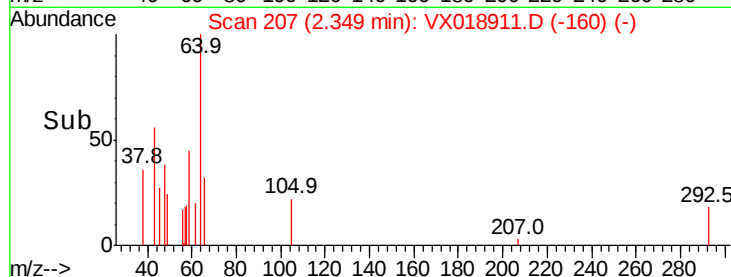
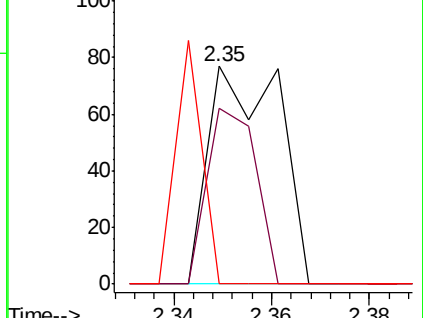
98 0.0 53.9 80.9#



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



#13

Acrolein

Concen: 0.242 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX018911.D

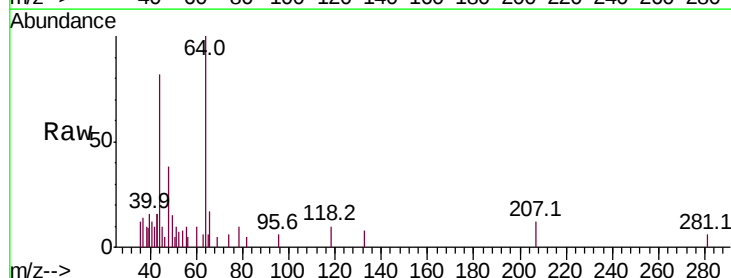
Acq: 12 Oct 2020 18:15

Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

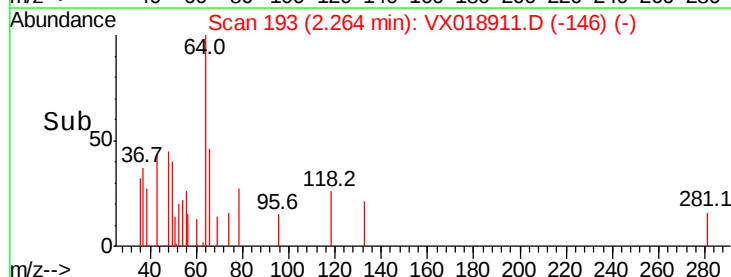
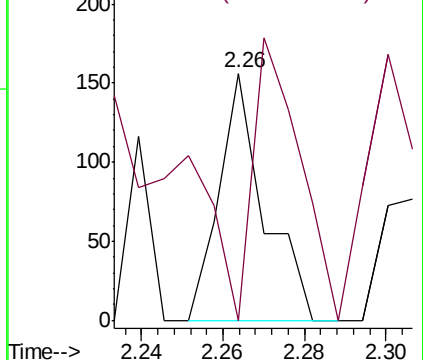
56 100

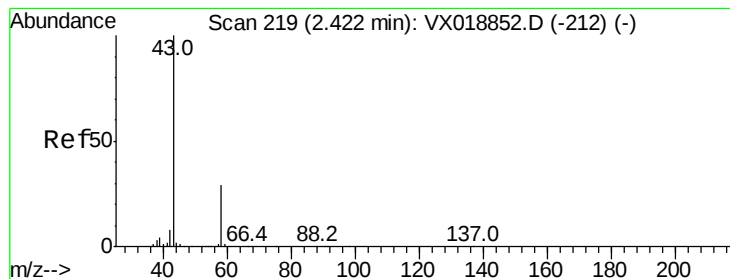
55 117.5 58.6 87.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 2.265 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

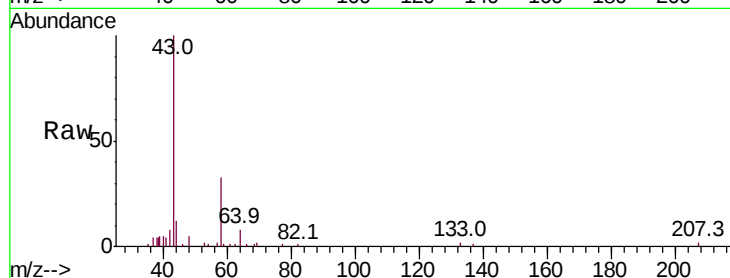
PB132255ZHE#03

Tot Ion: 43 Resp: 10567

Ion Ratio Lower Upper

43 100

58 33.1 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

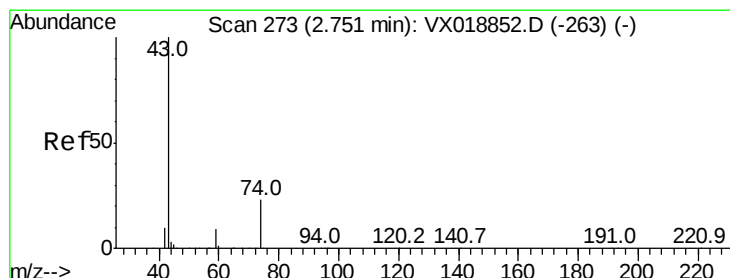
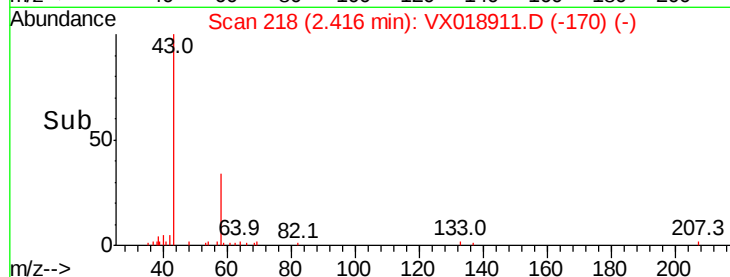
3000

2000

1000

0

Time--> 2.30 2.35 2.40 2.45 2.50



#18

Methyl Acetate

Concen: 0.984 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018911.D

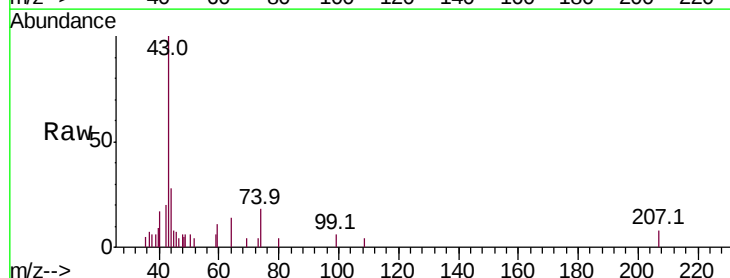
Acq: 12 Oct 2020 18:15

Tgt Ion: 43 Resp: 3092

Ion Ratio Lower Upper

43 100

74 24.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

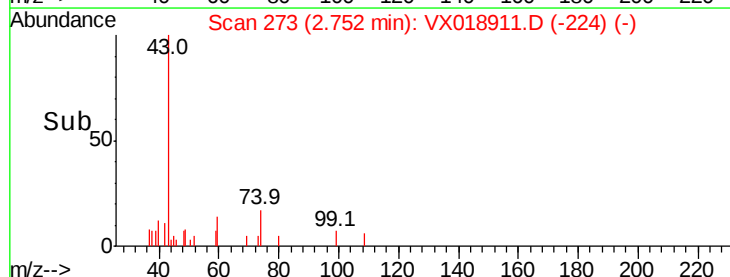
1500

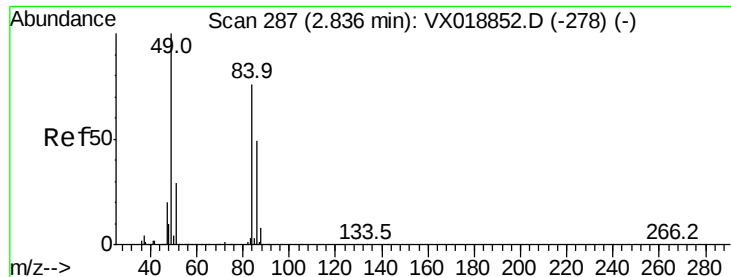
1000

500

0

Time--> 2.70 2.75 2.80

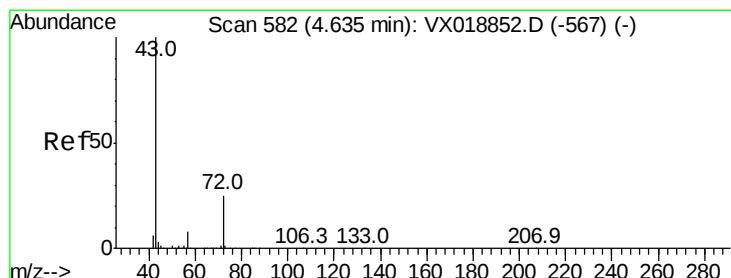
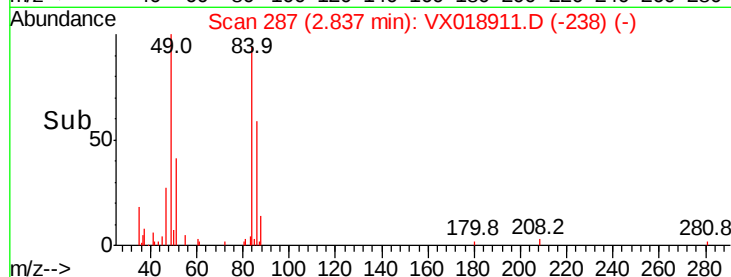
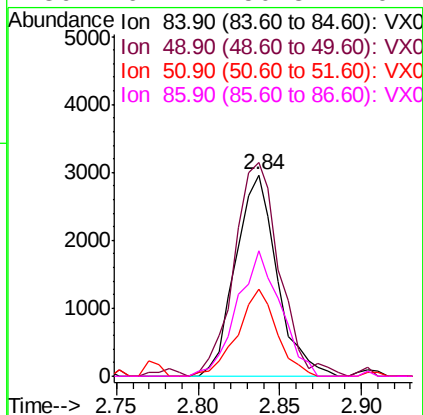
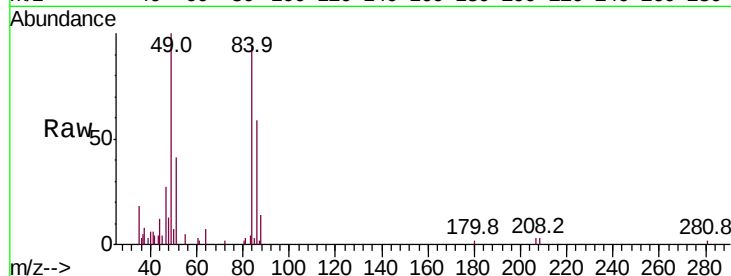




#20
Methvlene Chloride
Concen: 2.432 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

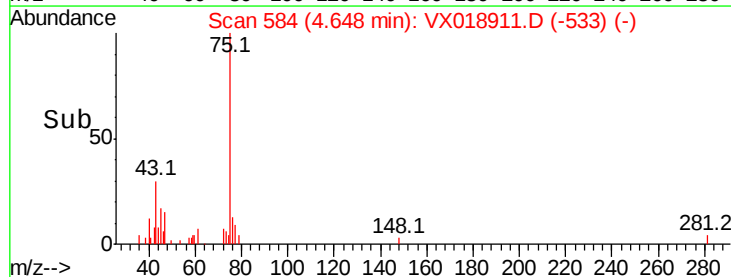
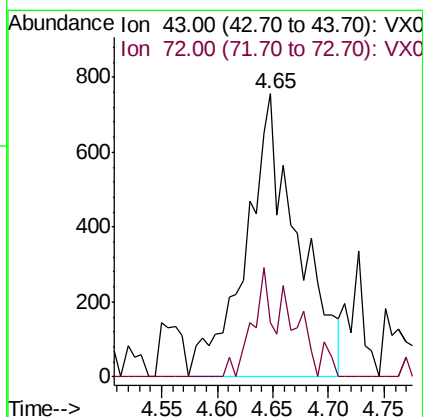
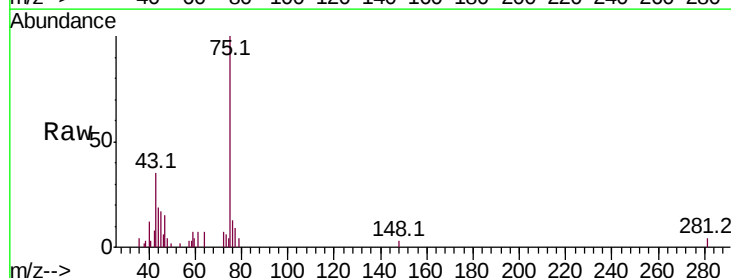
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#03

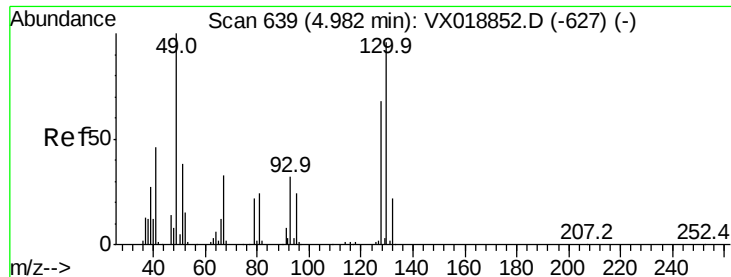
Tot Ion: 84 Resp: 5254
Ion Ratio Lower Upper
84 100
49 106.0 104.8 157.2
51 43.2 30.6 46.0
86 62.4 50.8 76.2



#25
2-Butanone
Concen: 1.188 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
72 19.3 20.2 30.4#

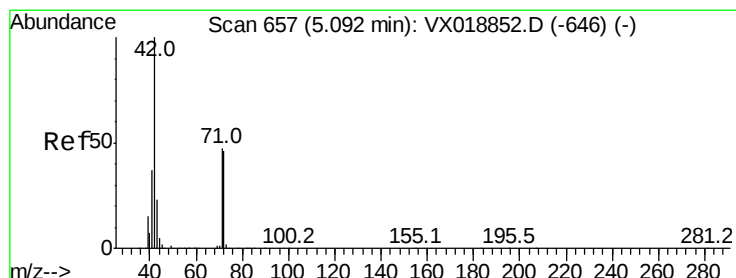
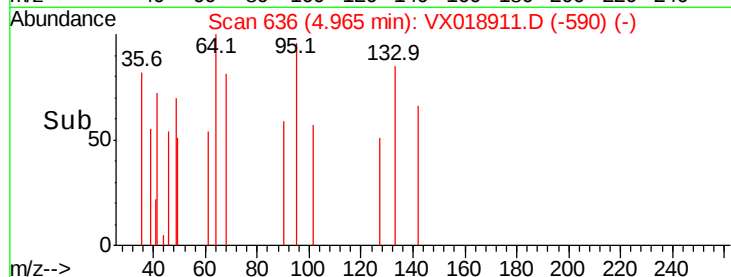
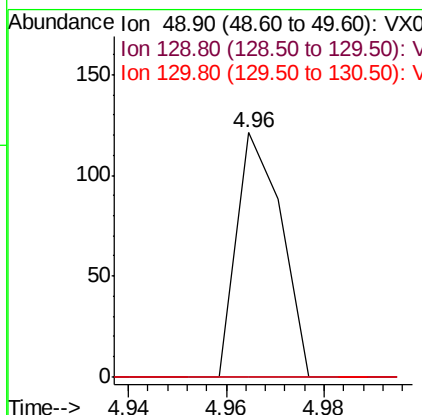
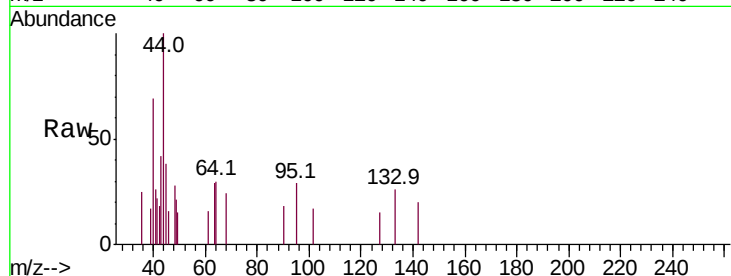




#28
Bromochloromethane
Concen: 1.554 ug/l
RT: 4.96 min Scan# 636
Delta R.T. -0.02 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

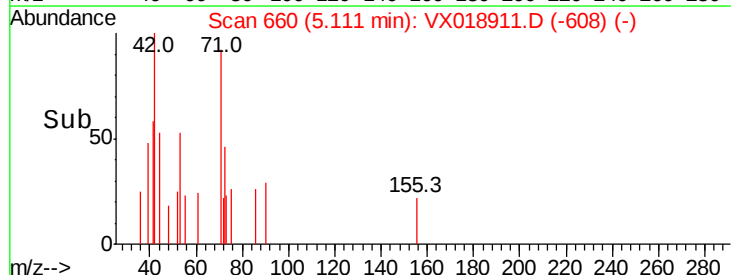
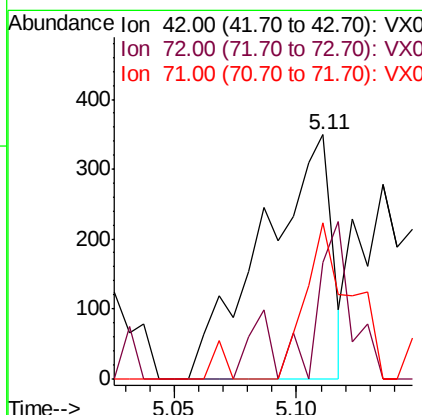
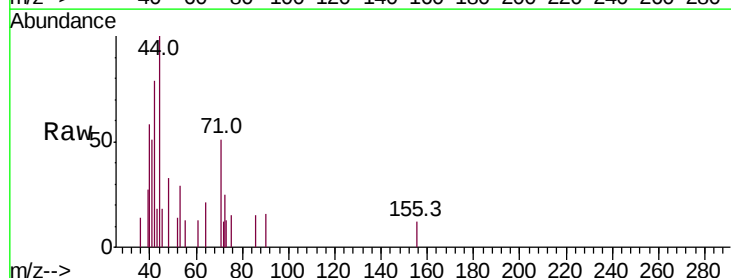
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#03

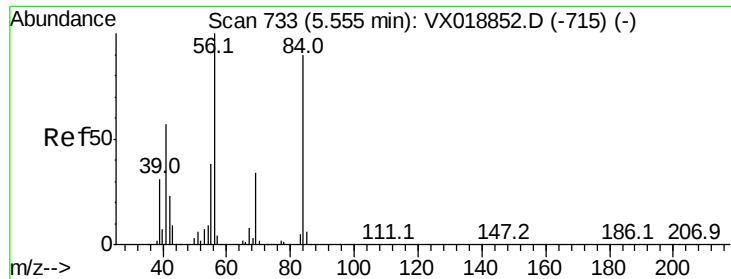
Tot Ion: 49 Resp: 76
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 0.0 71.2 106.8#



#29
Tetrahydrofuran
Concen: 0.619 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Tgt Ion: 42 Resp: 680
Ion Ratio Lower Upper
42 100
72 31.6 36.4 54.6#
71 42.2 35.2 52.8

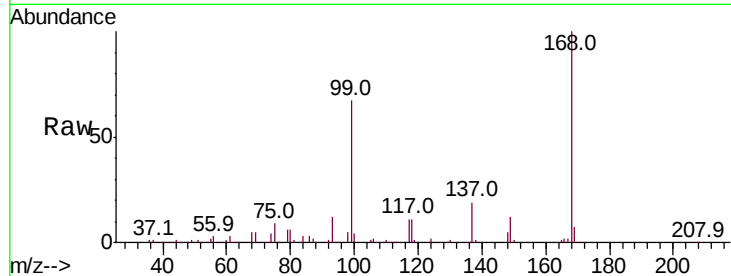




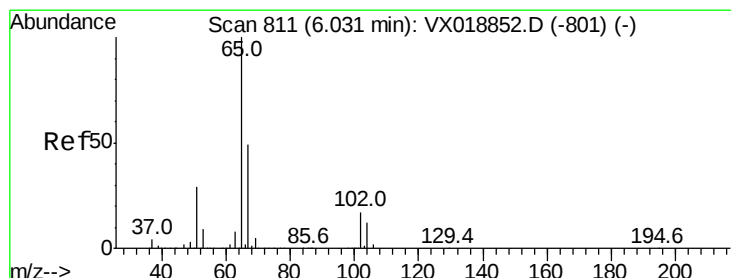
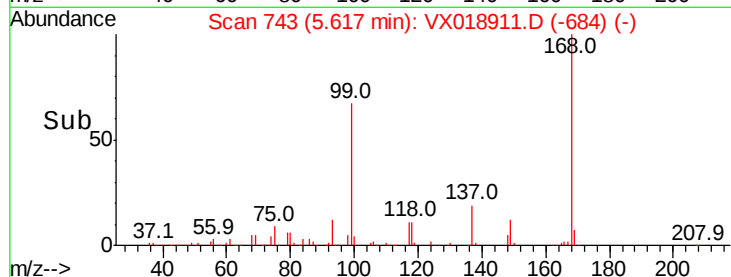
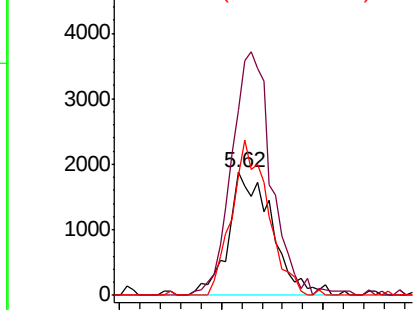
#31
Cvclohexane
Concen: 1.573 ug/l
RT: 5.62 min Scan# 743
Delta R.T. 0.06 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#03

Tot Ion: 56 Resp: 5557
Ion Ratio Lower Upper
56 100
69 150.2 27.1 40.7#
84 97.0 71.7 107.5

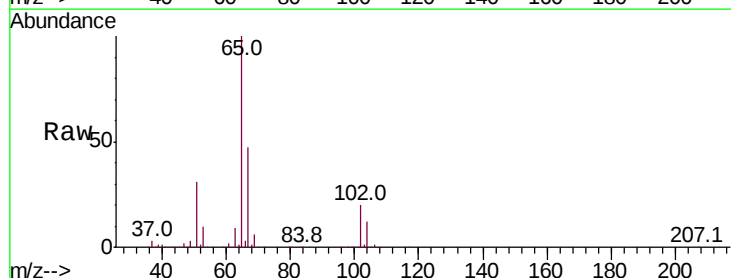


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

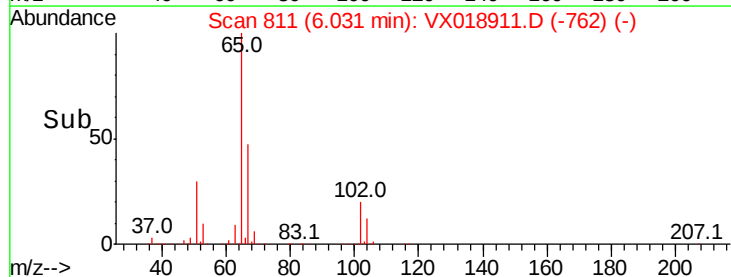
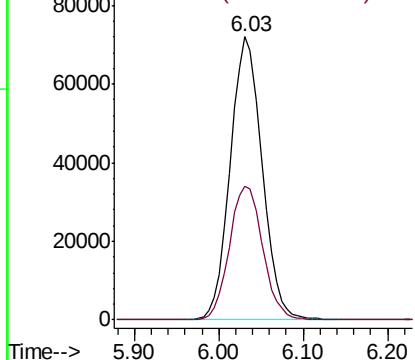


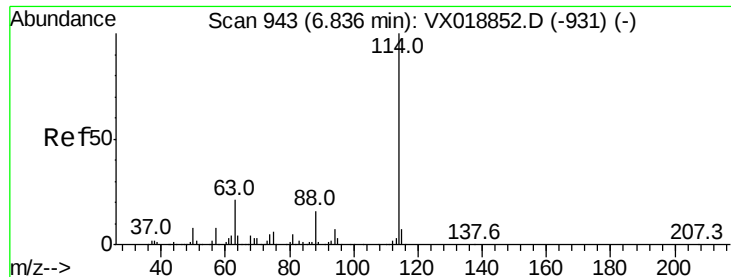
#33
1,2-Dichloroethane-d4
Concen: 48.875 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Tgt Ion: 65 Resp: 184813
Ion Ratio Lower Upper
65 100
67 49.3 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

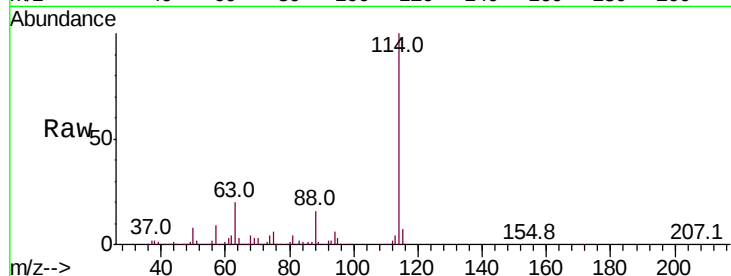
Tot Ion:114 Resp: 397304

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

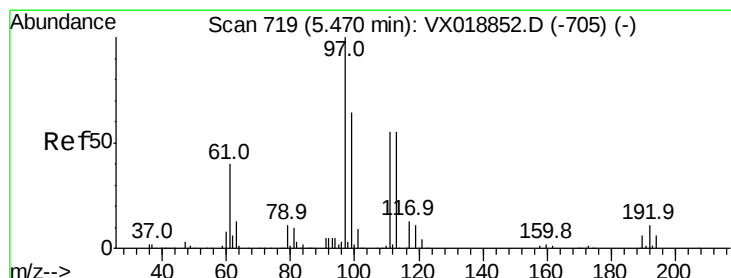
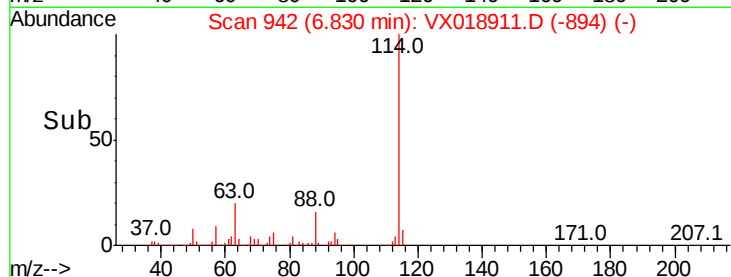
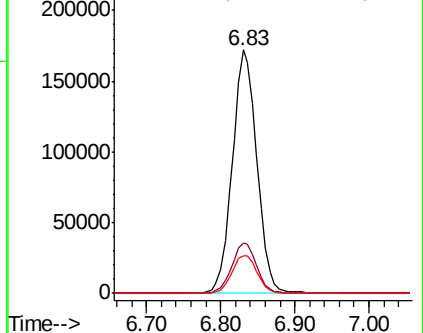
88 15.6 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.086 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

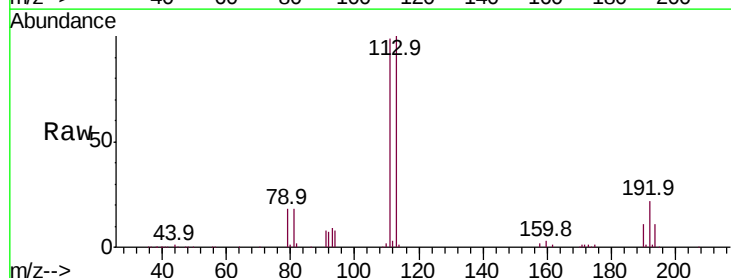
Tgt Ion:113 Resp: 144646

Ion Ratio Lower Upper

113 100

111 101.0 80.1 120.1

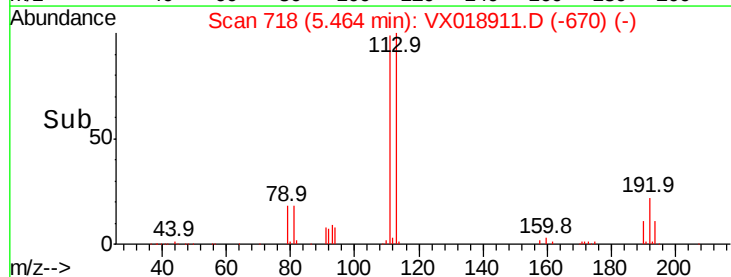
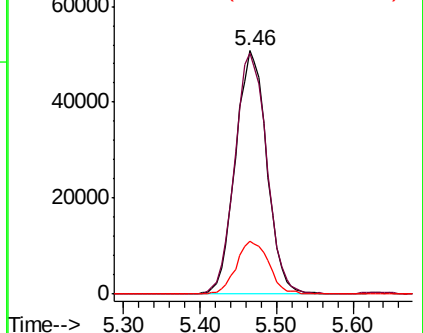
192 22.5 16.0 24.0

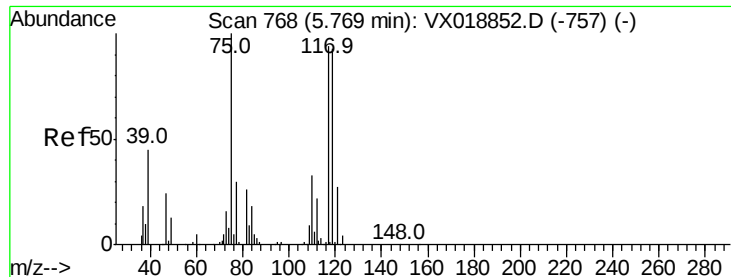


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.552 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

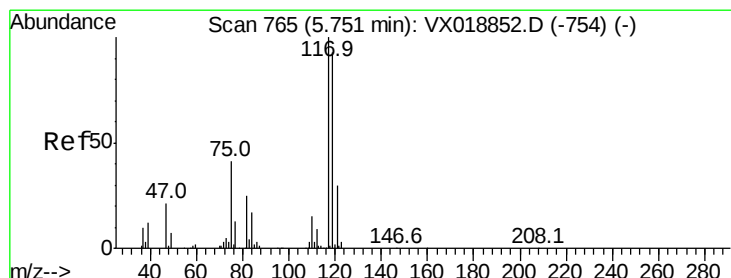
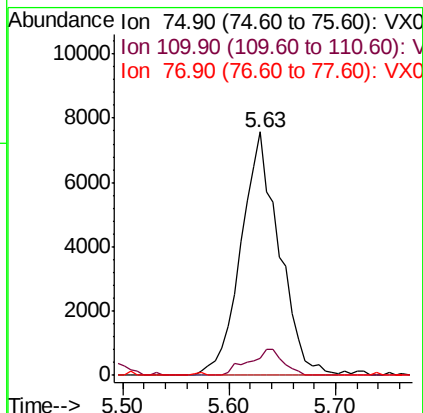
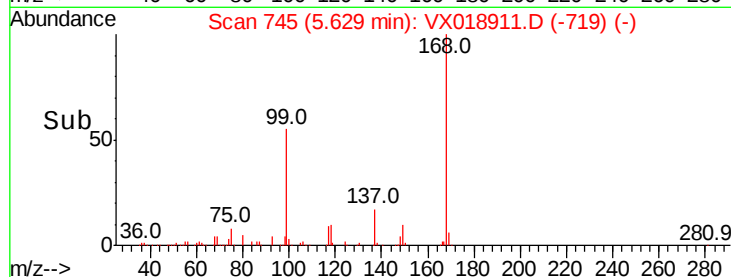
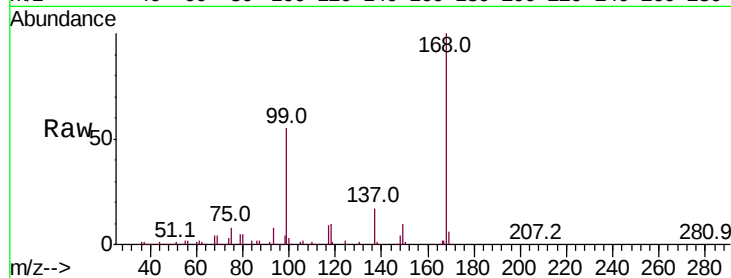
Tot Ion: 75 Resp: 19014

Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.5#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 4.791 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

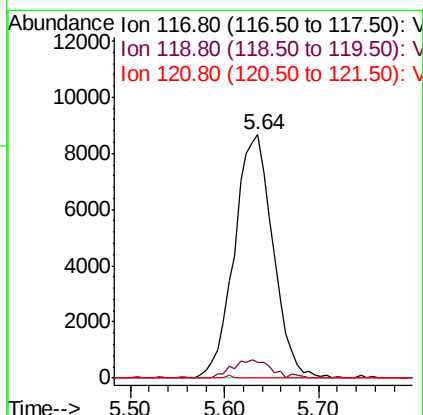
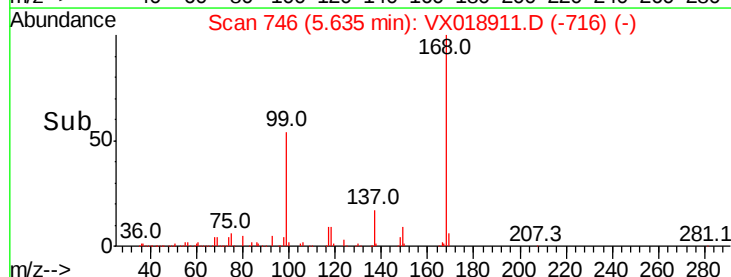
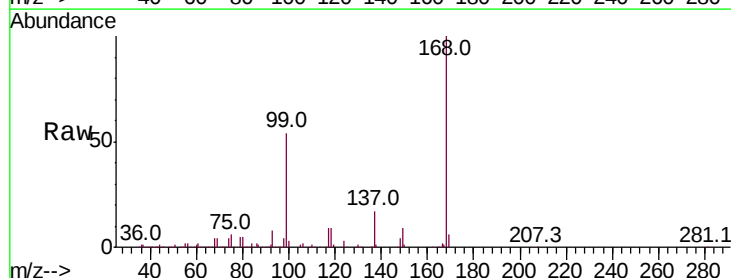
Tgt Ion: 117 Resp: 24805

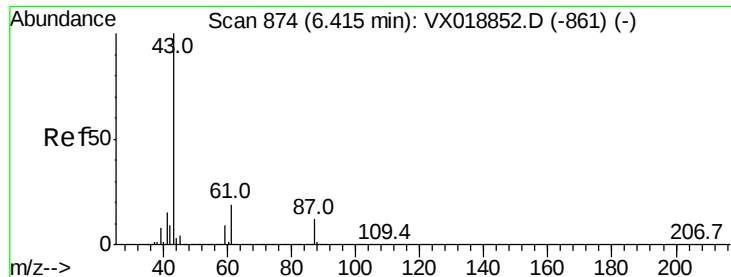
Ion Ratio Lower Upper

117 100

119 6.5 73.9 110.9#

121 0.0 23.6 35.4#





#43

Isopropyl Acetate

Concen: 9.368 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

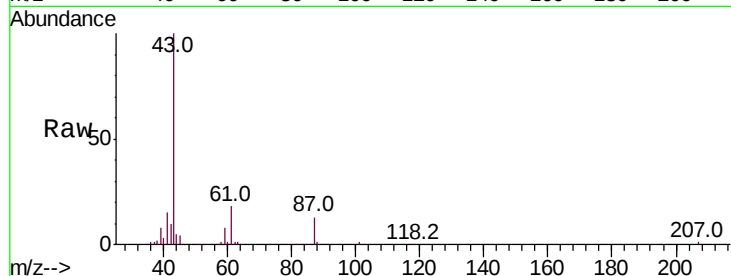
Tot Ion: 43 Resp: 62801

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

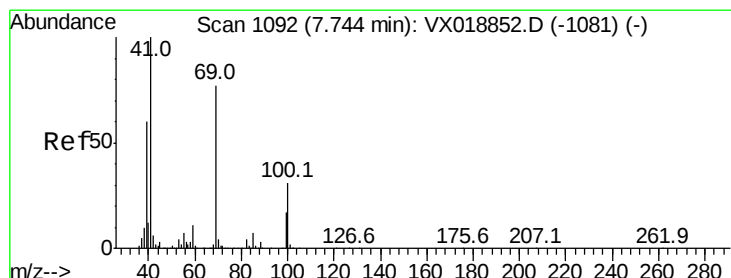
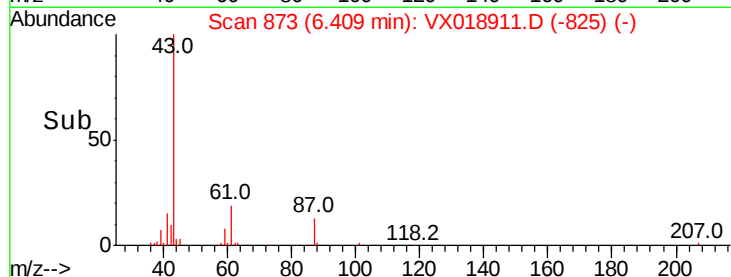
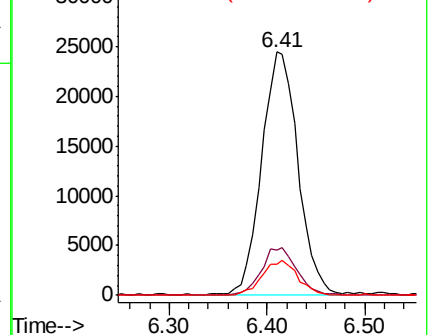
87 14.3 10.8 16.2



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



#48

Methyl methacrylate

Concen: 33.443 ug/l

RT: 7.85 min Scan# 1109

Delta R.T. 0.10 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

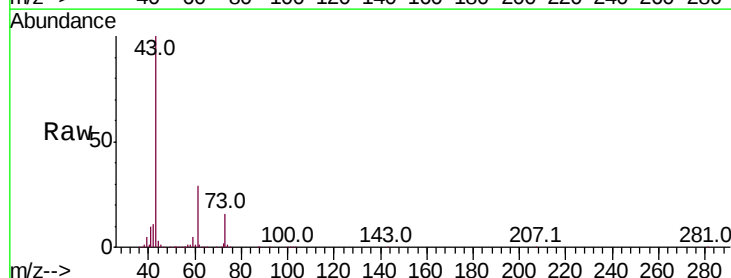
Tgt Ion: 41 Resp: 113762

Ion Ratio Lower Upper

41 100

69 0.2 64.6 97.0#

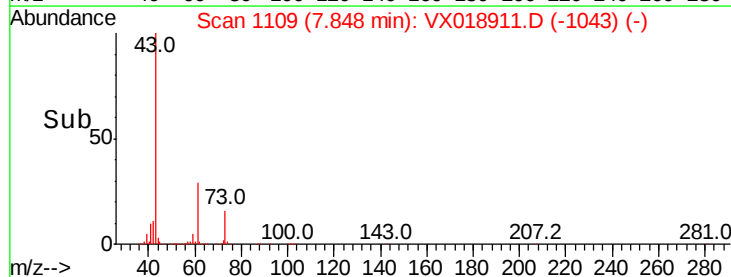
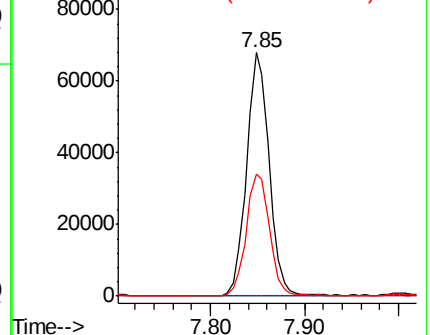
39 52.4 48.6 73.0

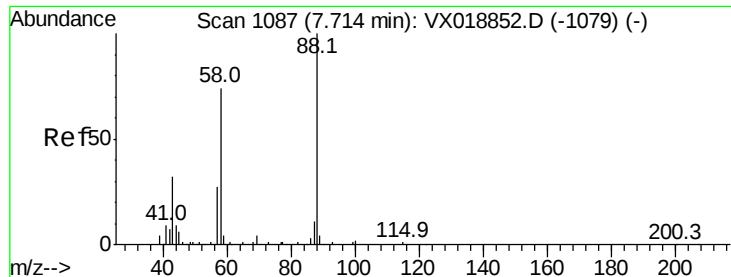


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1.950 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

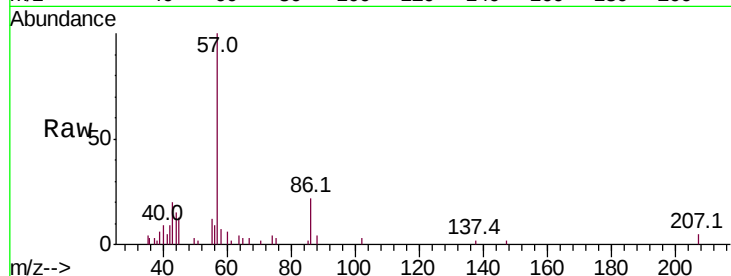
Tot Ion: 88 Resp: 93

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.6#

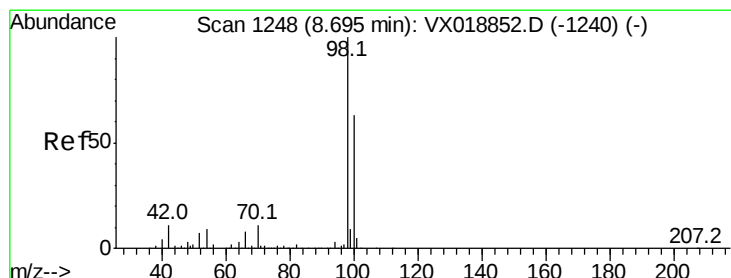
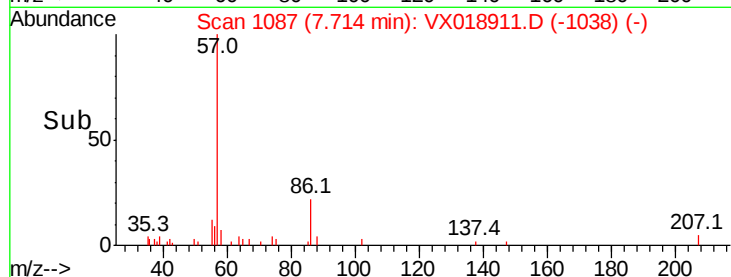
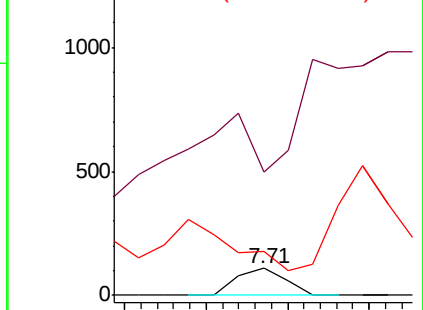
58 677.4 59.3 88.9#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.605 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018911.D

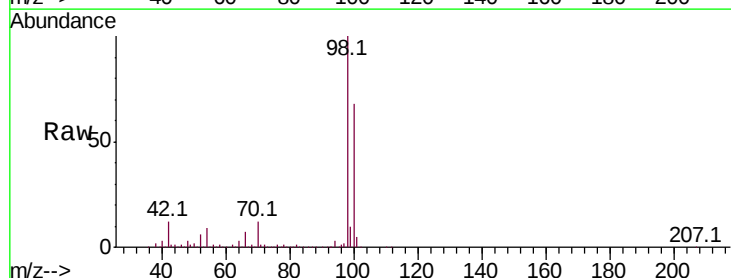
Acq: 12 Oct 2020 18:15

Tgt Ion: 98 Resp: 526483

Ion Ratio Lower Upper

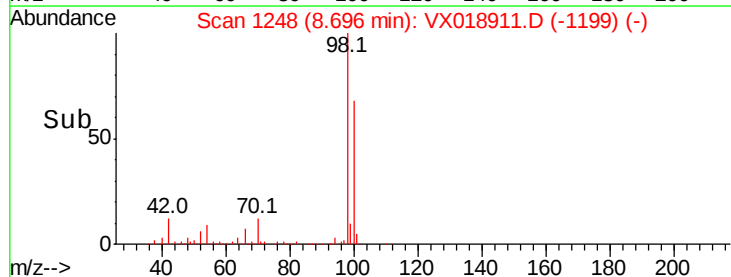
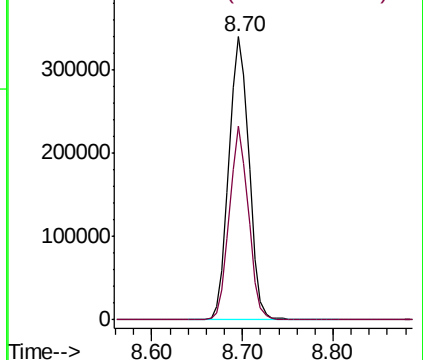
98 100

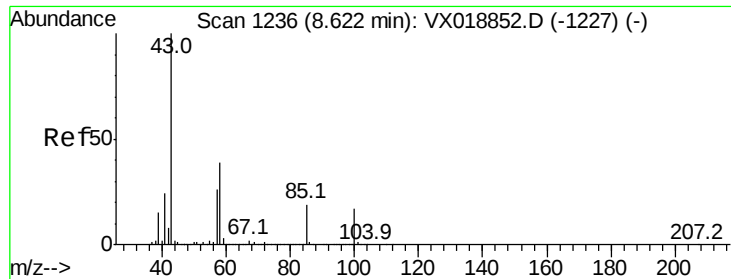
100 64.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 15.357 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

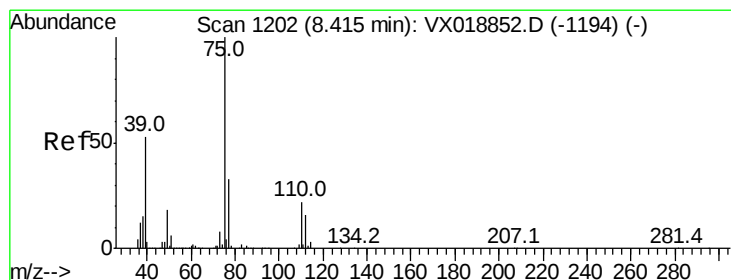
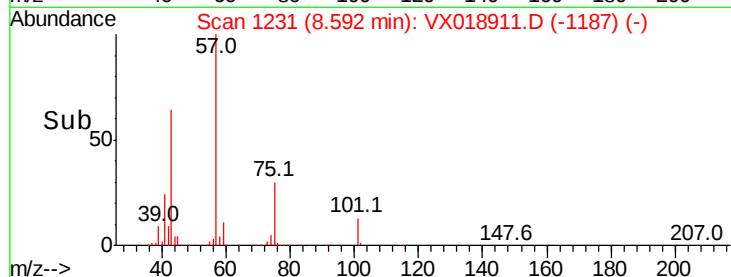
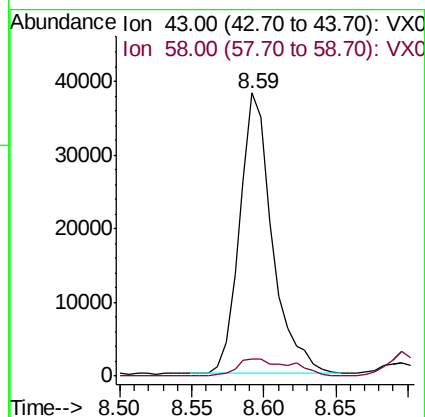
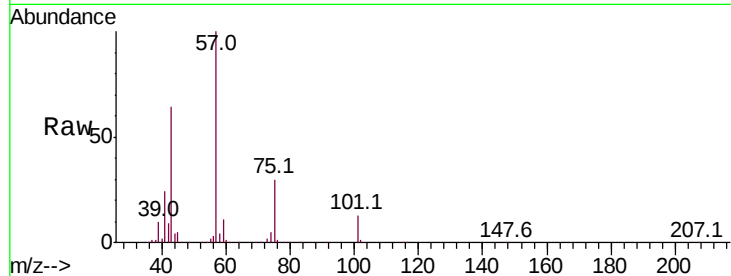
PB132255ZHE#03

Tot Ion: 43 Resp: 60090

Ion Ratio Lower Upper

43 100

58 10.1 30.9 46.3#



#54

cis-1,3-Dichloropropene

Concen: 5.357 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

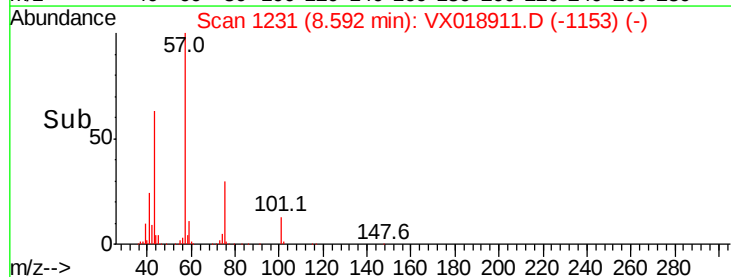
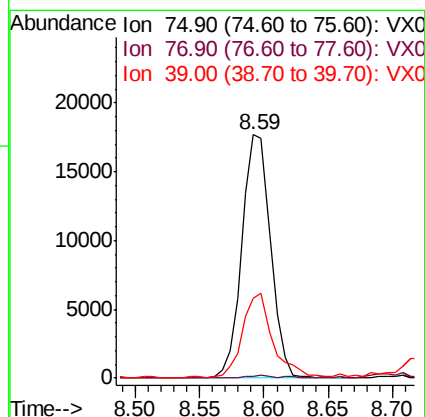
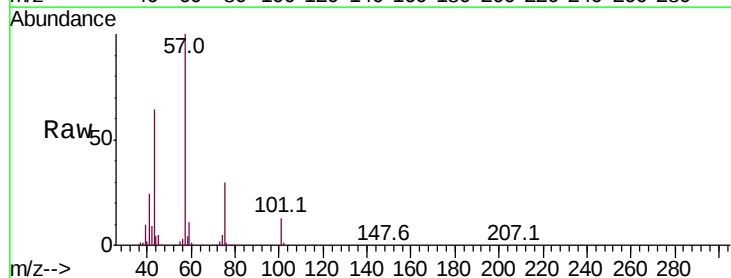
Tgt Ion: 75 Resp: 27135

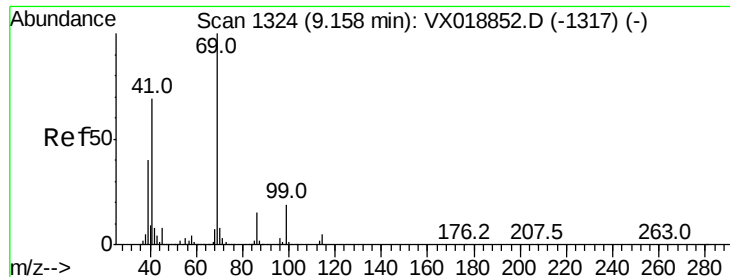
Ion Ratio Lower Upper

75 100

77 0.7 26.6 39.8#

39 31.9 42.6 64.0#





#56

Ethyl methacrylate

Concen: 3.300 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. 0.13 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

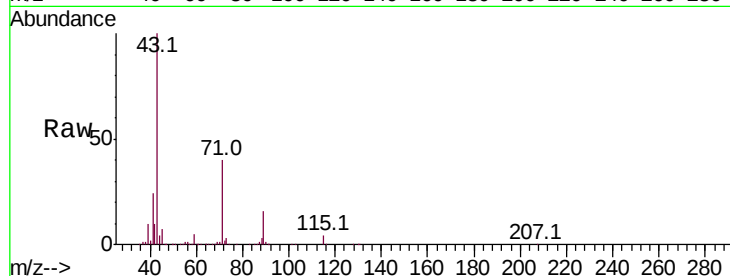
Tot Ion: 69 Resp: 1753

Ion Ratio Lower Upper

69 100

41 3053.5 54.6 81.8#

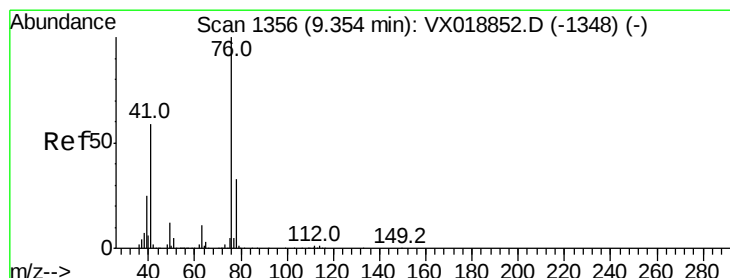
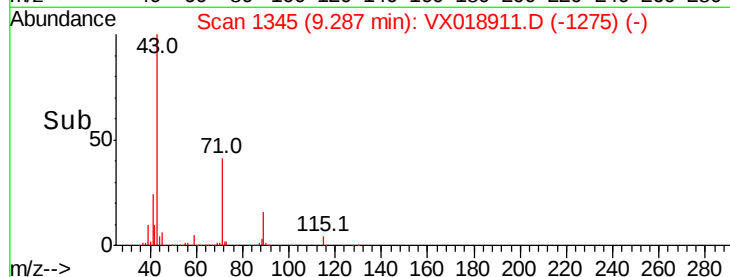
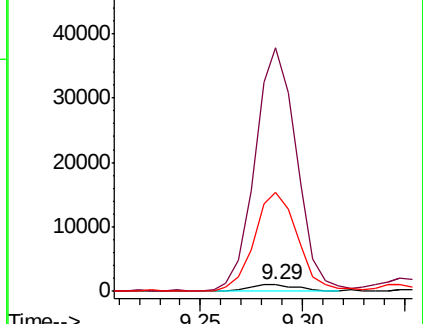
39 1310.7 31.5 47.3#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.058 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX018911.D

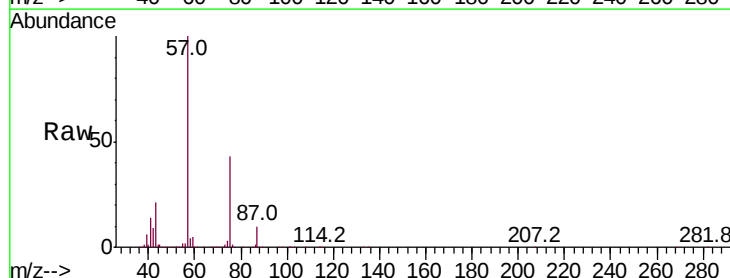
Acq: 12 Oct 2020 18:15

Tgt Ion: 76 Resp: 5310

Ion Ratio Lower Upper

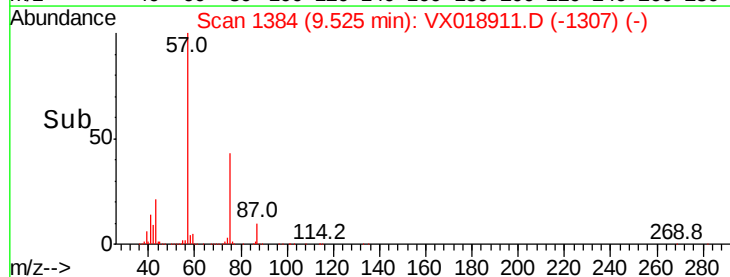
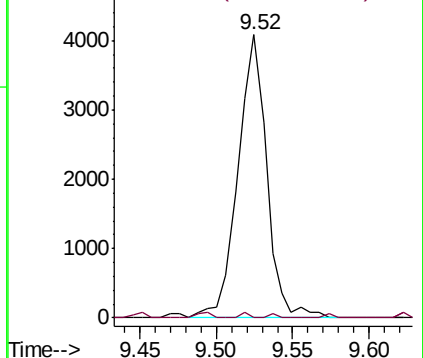
76 100

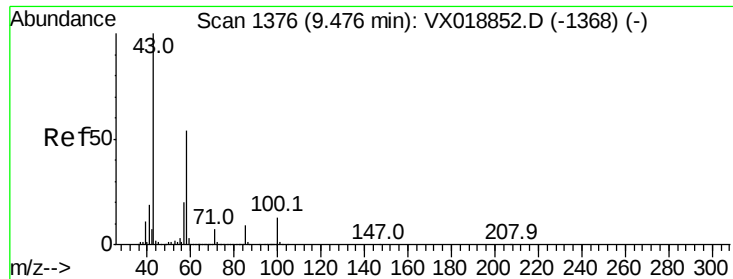
78 0.6 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

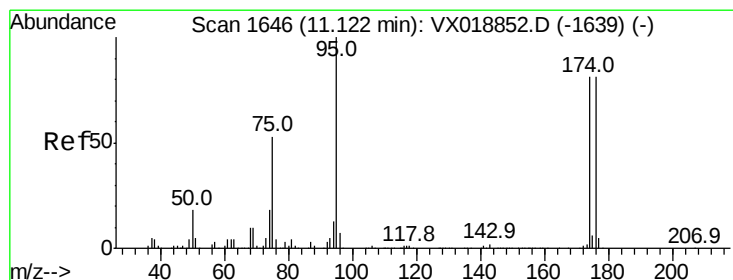
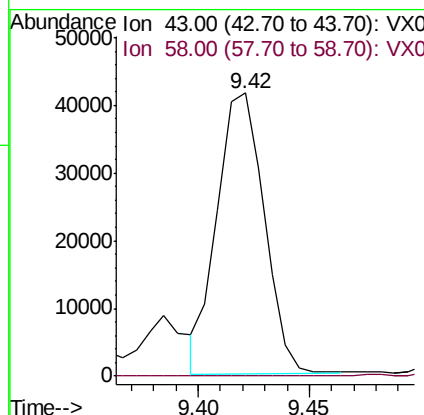
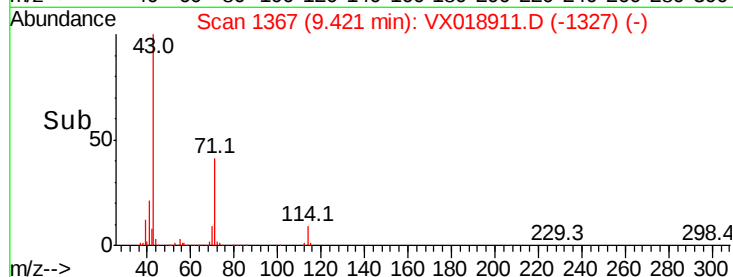
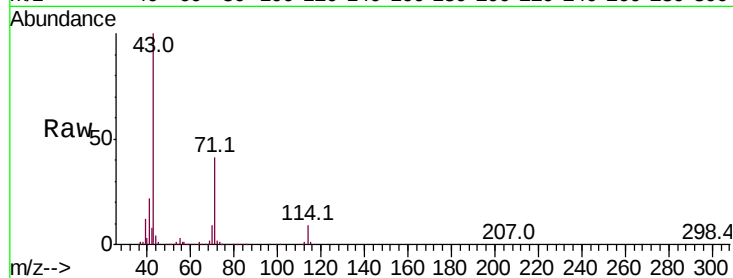




#59
2-Hexanone
Concen: 20.479 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

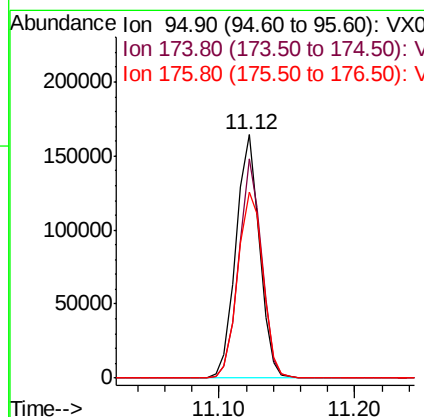
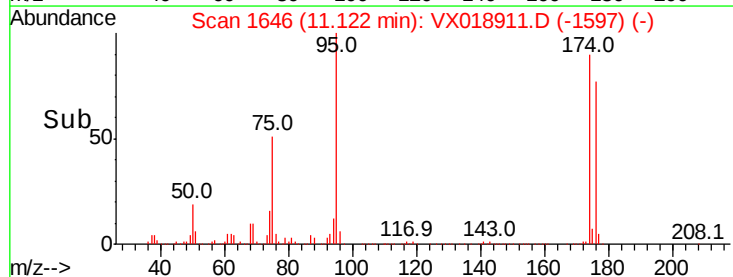
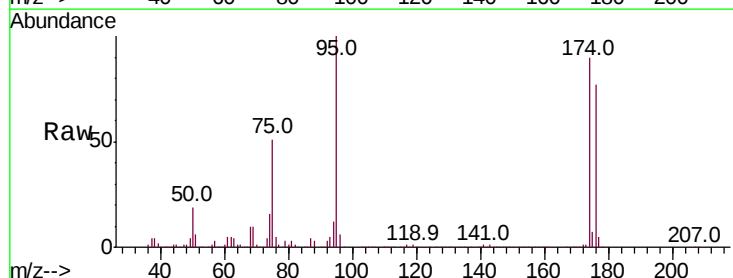
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#03

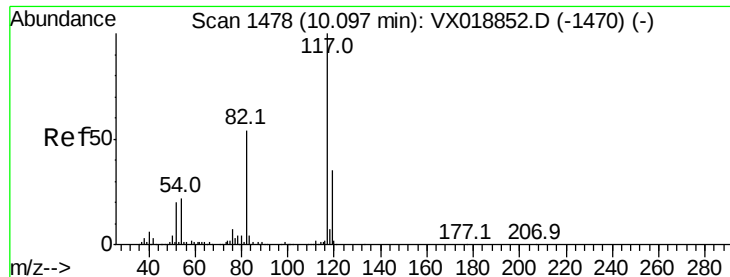
Tot Ion: 43 Resp: 61050
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 50.791 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Tgt Ion: 95 Resp: 198819
Ion Ratio Lower Upper
95 100
174 87.4 0.0 160.0
176 82.0 0.0 161.2

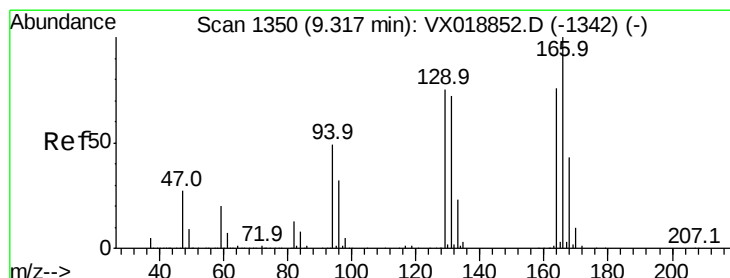
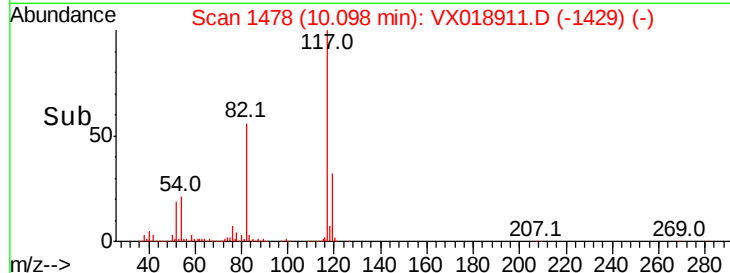
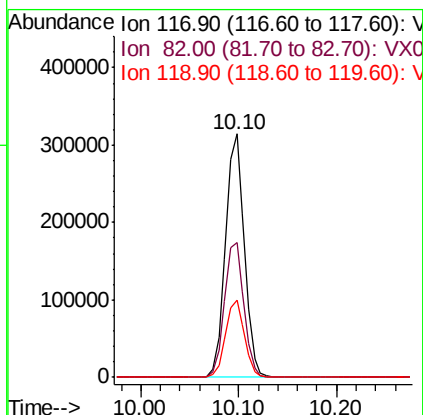
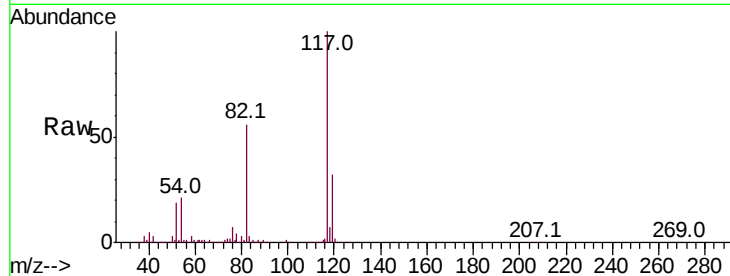




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

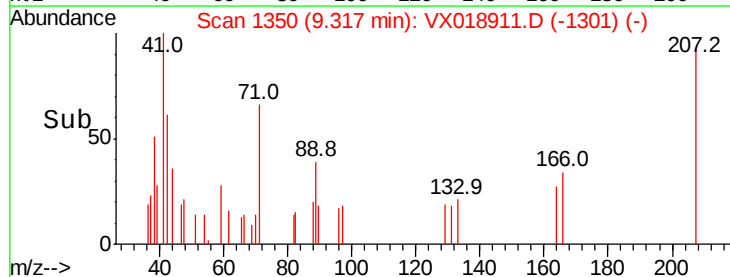
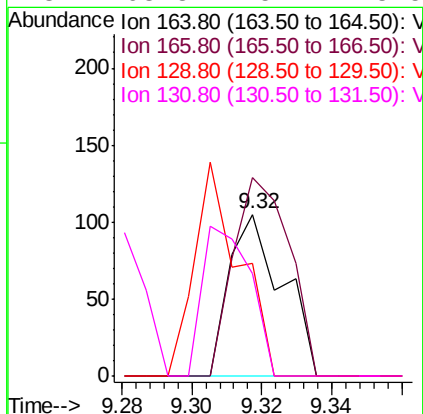
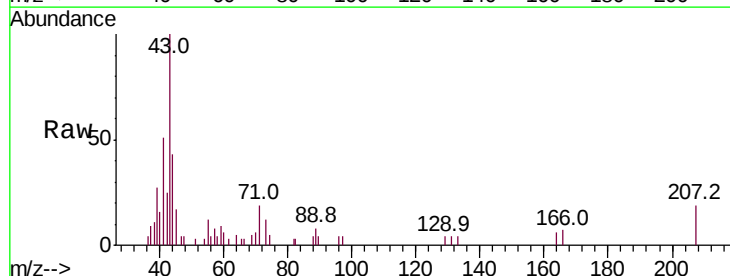
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#03

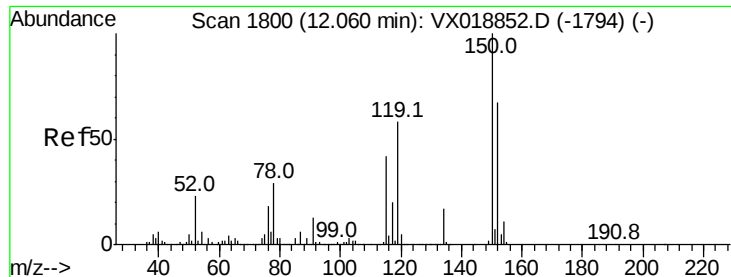
Tot Ion:117 Resp: 420779
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.2
119 31.7 28.3 42.5



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018911.D
Acq: 12 Oct 2020 18:15

Tgt Ion:164 Resp: 111
Ion Ratio Lower Upper
164 100
166 122.9 105.4 158.0
129 69.5 79.0 118.6#
131 63.8 75.7 113.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

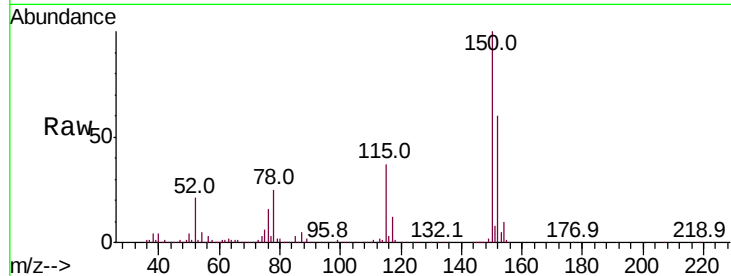
Tot Ion:152 Resp: 207242

Ion Ratio Lower Upper

152 100

115 59.5 41.8 125.4

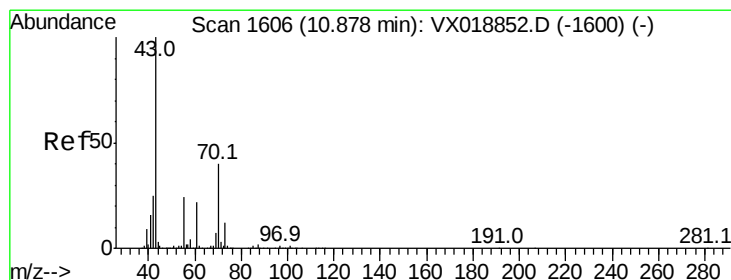
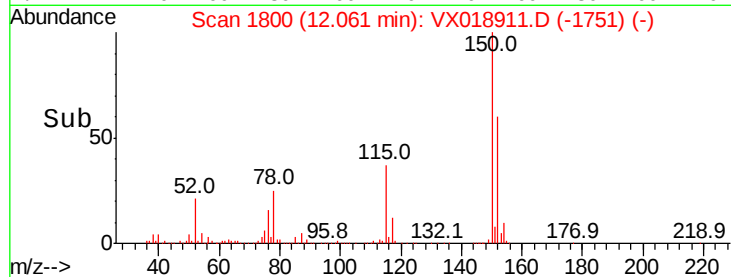
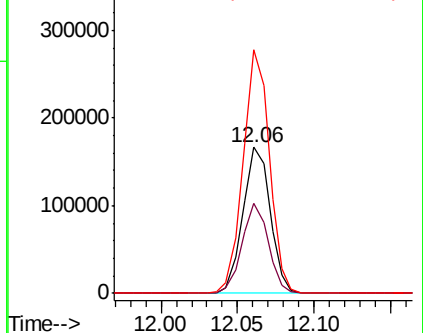
150 160.6 0.0 347.6



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



#74

N-ethyl acetate

Concen: 0.466 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Tgt Ion: 43 Resp: 2500

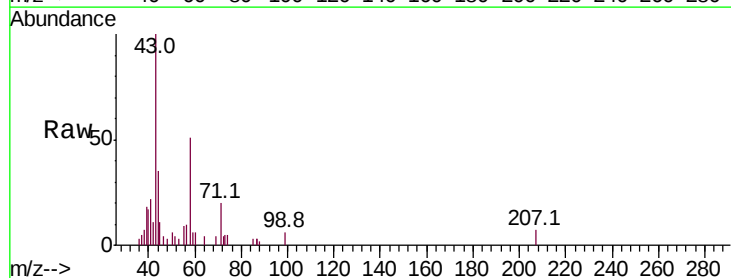
Ion Ratio Lower Upper

43 100

70 2.6 33.7 50.5#

55 15.4 19.8 29.8#

61 0.0 18.6 28.0#

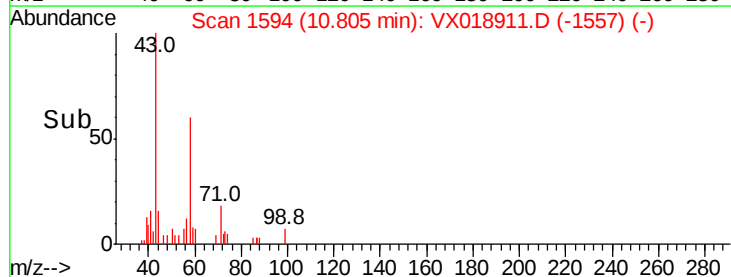
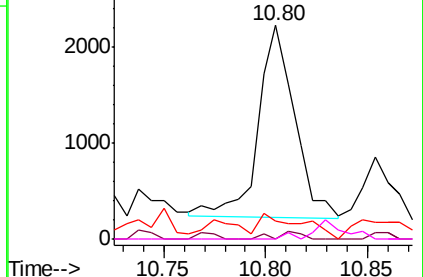


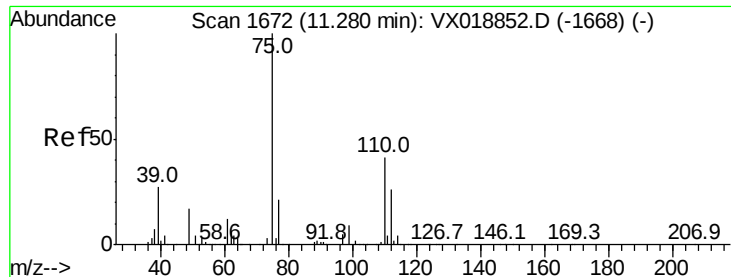
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.429 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

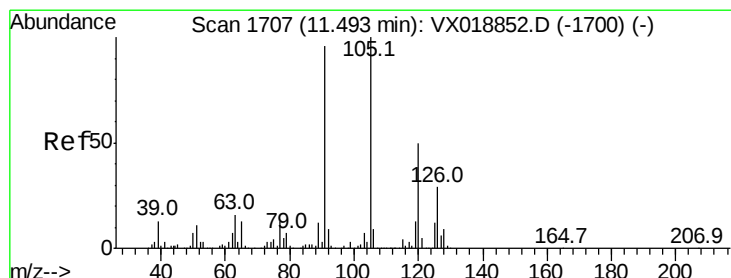
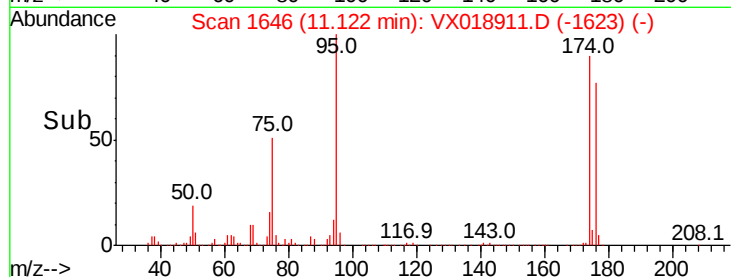
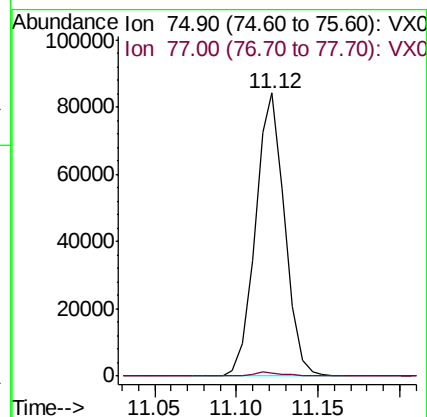
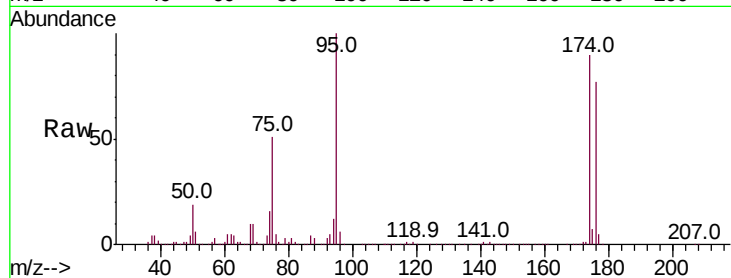
PB132255ZHE#03

Tot Ion: 75 Resp: 104622

Ion Ratio Lower Upper

75 100

77 1.5 20.2 60.6#



#80

1,3,5-Trimethylbenzene

Concen: 0.248 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018911.D

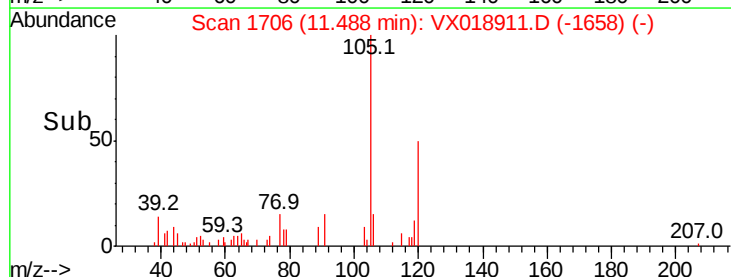
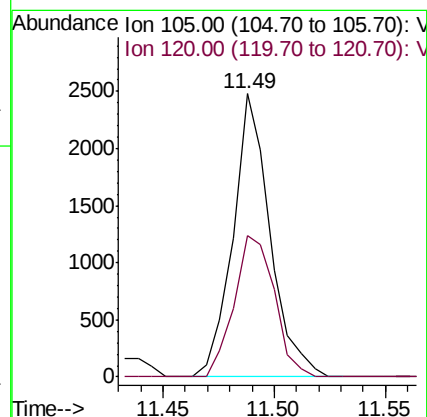
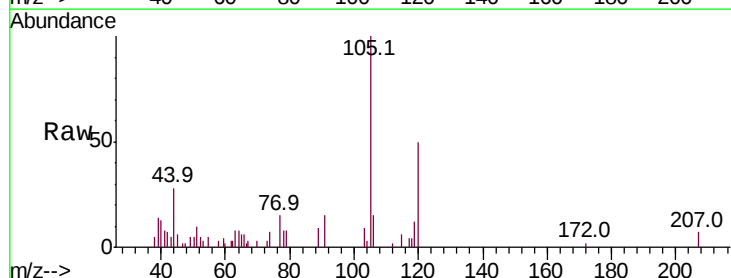
Acq: 12 Oct 2020 18:15

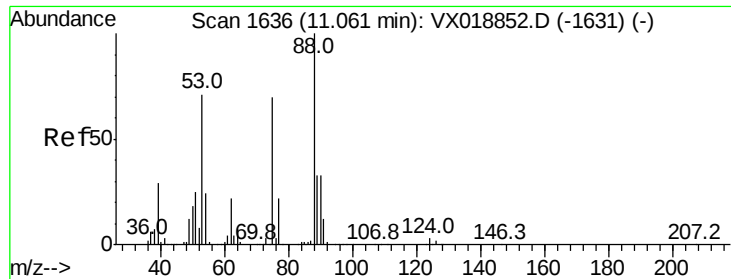
Tgt Ion:105 Resp: 2875

Ion Ratio Lower Upper

105 100

120 54.2 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 66.398 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#03

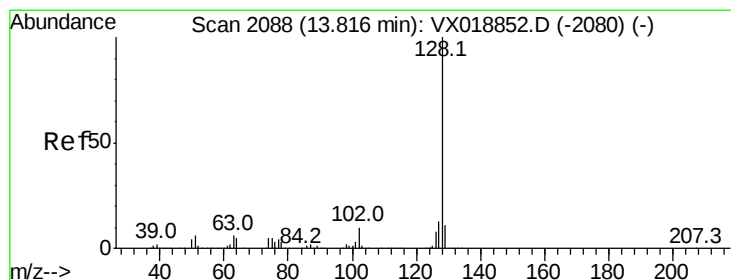
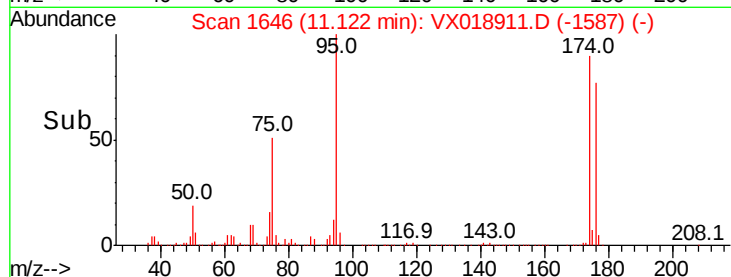
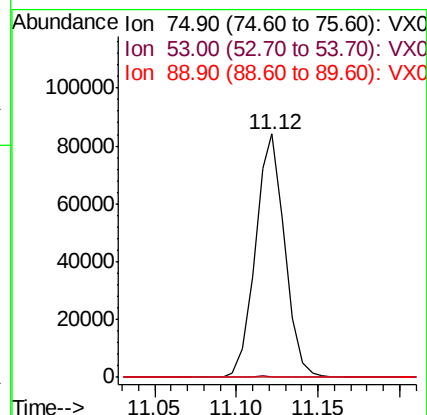
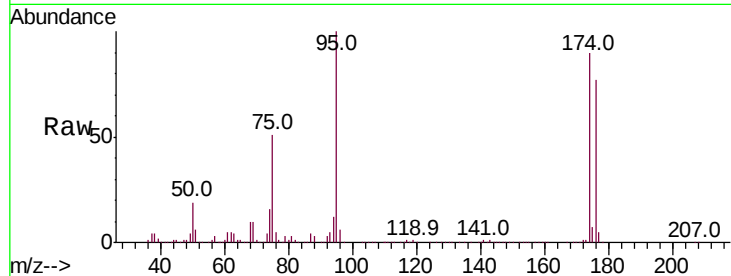
Tot Ion: 75 Resp: 104622

Ion Ratio Lower Upper

75 100

53 0.6 85.0 127.4#

89 0.0 39.0 58.4#



#95

Naphthalene

Concen: 3.099 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018911.D

Acq: 12 Oct 2020 18:15

Tgt Ion: 128 Resp: 330

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 0.0 8.6 13.0#

