

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018069.D
 Acq On : 26 Aug 2020 12:07
 Operator : JC/SP
 Sample : PB131195TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131195TB

Quant Time: Aug 27 04:02:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	482832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	811931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	733782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	327397	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	336745	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
35) Dibromofluoromethane	5.46	113	266543	48.20	ug/l	-0.01
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	8.70	98	974351	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.12	95	352626	43.52	ug/l	0.00
Spiked Amount			Recovery	=	87.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1476	0.238	ug/l	90
10) Methyl Iodide	2.66	142	210	5.325	ug/l	94
11) Tert butyl alcohol	3.00	59	2302	1.766	ug/l #	85
12) 1,1-Dichloroethene	2.35	96	1042	0.221	ug/l #	4
13) Acrolein	2.27	56	947	1.752	ug/l #	46
15) Acrylonitrile	3.12	53	979	0.331	ug/l #	42
16) Acetone	2.42	43	42304	16.197	ug/l	95
17) Carbon Disulfide	2.55	76	5002	0.351	ug/l	96
18) Methyl Acetate	2.75	43	7368	1.169	ug/l #	89
20) Methylene Chloride	2.84	84	22954	3.205	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	1084	0.207	ug/l #	35
25) 2-Butanone	4.65	43	9258	2.157	ug/l	96
29) Tetrahydrofuran	5.12	42	1251	0.458	ug/l #	58
36) 1,1-Dichloropropene	5.63	75	37042	4.946	ug/l #	51
37) Ethyl Acetate	4.80	43	1861	0.214	ug/l #	84
38) Carbon Tetrachloride	5.62	117	51374	6.087	ug/l #	16
43) Isopropyl Acetate	6.42	43	134630	9.583	ug/l	99
48) Methyl methacrylate	7.65	41	8316	1.189	ug/l #	18
49) 1,4-Dioxane	7.71	88	373	2.944	ug/l #	54
51) 4-Methyl-2-Pentanone	8.59	43	141989	16.362	ug/l #	48
54) cis-1,3-Dichloropropene	8.59	75	60309	6.169	ug/l #	61
59) 2-Hexanone	9.42	43	132563	20.090	ug/l #	25
74) N-ethyl acetate	10.80	43	7133	0.696	ug/l #	58
76) 1,2,3-Trichloropropane	11.12	75	178919	24.566	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.49	105	7962	0.449	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	178919	66.350	ug/l #	12
82) 4-Chlorotoluene	11.49	91	4222	0.234	ug/l	92
87) 1,3-Dichlorobenzene	12.01	146	2671	0.255	ug/l	82
88) 1,4-Dichlorobenzene	12.01	146	2671	0.255	ug/l	82
89) n-Butylbenzene	12.37	91	5237	0.314	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	12.98	75	492	0.258	ug/l #	41
93) 1,2,4-Trichlorobenzene	13.63	180	3490	0.531	ug/l	97
94) Hexachlorobutadiene	13.76	225	2563	0.988	ug/l	82
95) Naphthalene	13.82	128	7017	0.324	ug/l #	93

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QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

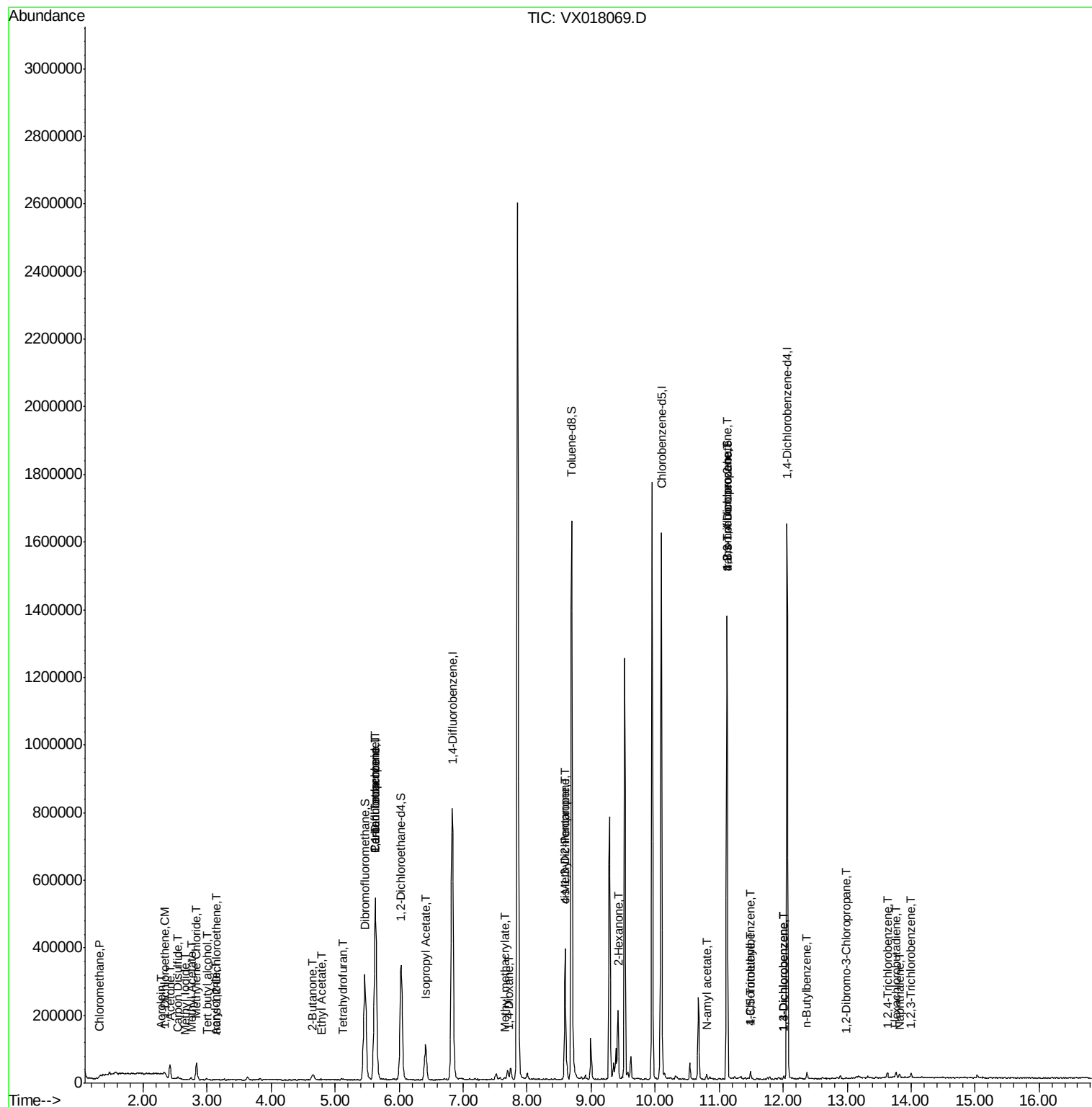
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.00	180	2936	0.452	ug/l	89

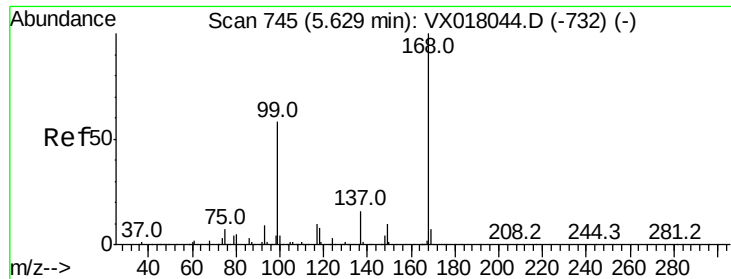
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

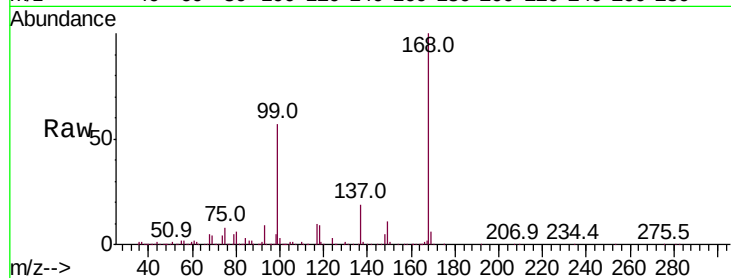
PB131195TB

Tot Ion:168 Resp: 482832

Ion Ratio Lower Upper

168 100

99 57.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

100000

50000

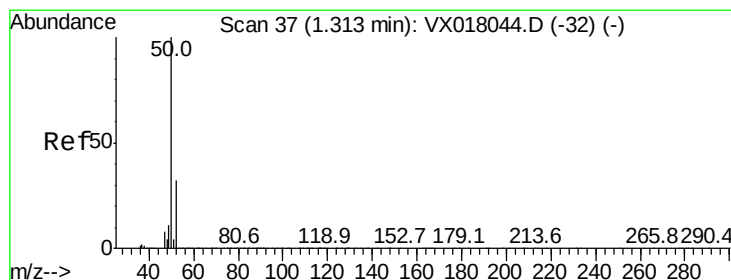
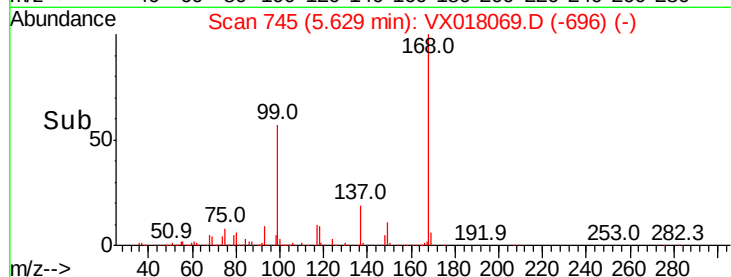
0

5.50

5.60

5.70

Time-->



#3

Chloromethane

Concen: 0.238 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018069.D

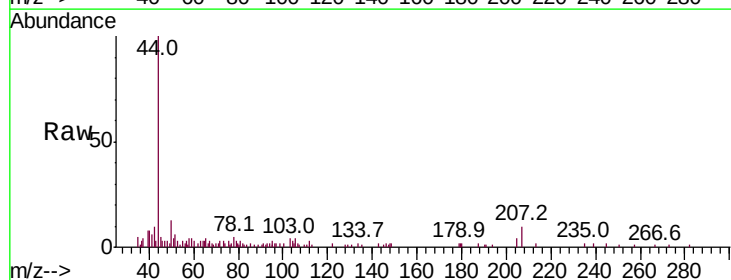
Acq: 26 Aug 2020 12:07

Tgt Ion: 50 Resp: 1476

Ion Ratio Lower Upper

50 100

52 26.3 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

800

600

400

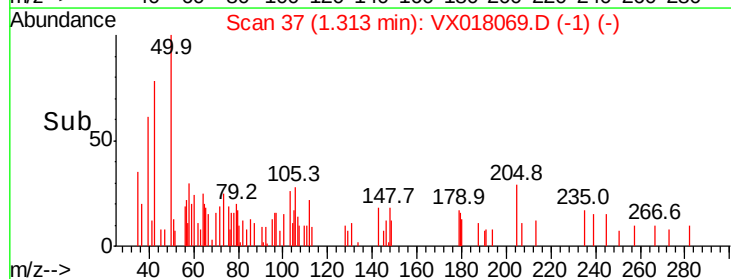
200

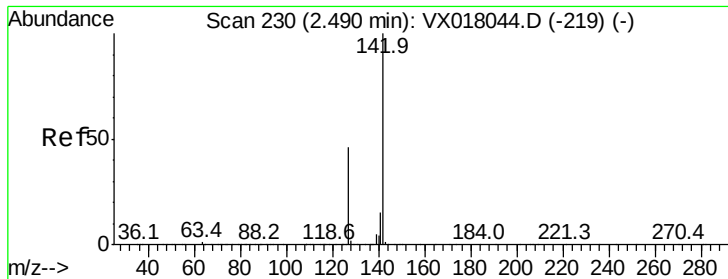
0

1.30

1.35

Time-->

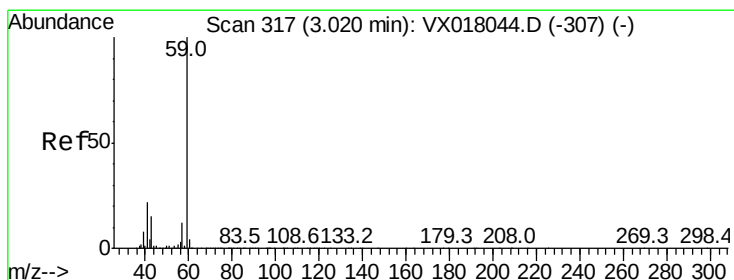
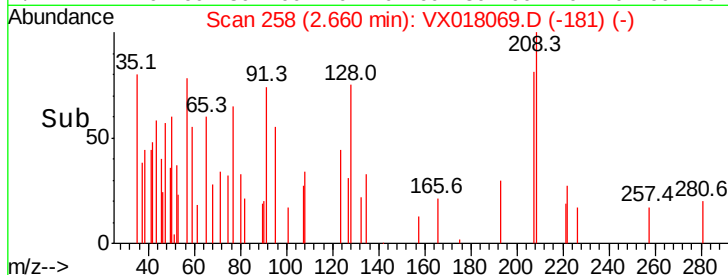
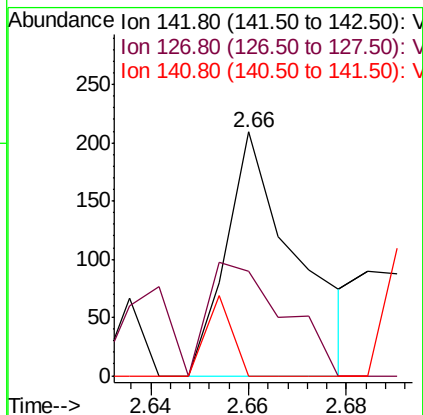
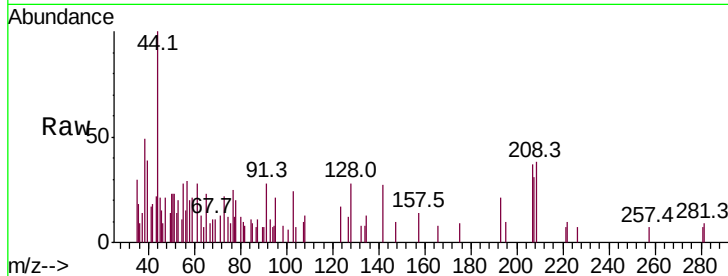




#10
Methyl Iodide
Concen: 5.325 ug/l
RT: 2.66 min Scan# 258
Delta R.T. 0.17 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

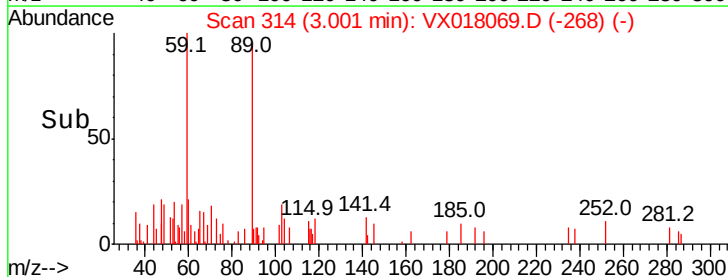
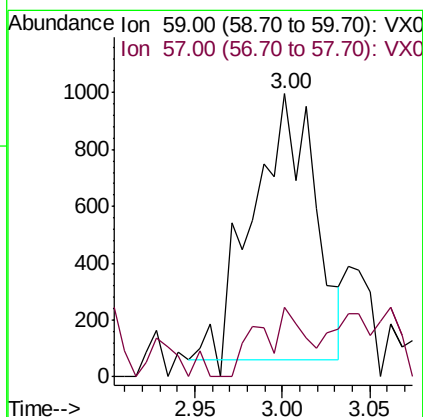
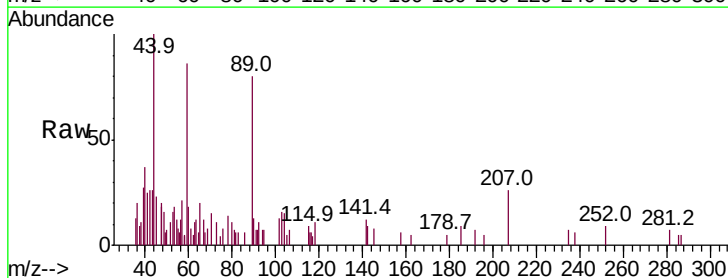
Instrument :
MSVOA_X
ClientSampled :
PB131195TB

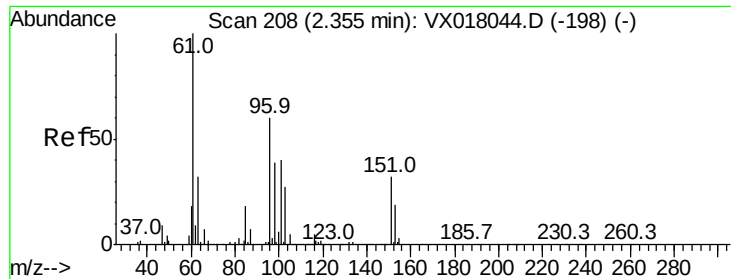
Tot Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 50.0 37.0 55.6
141 11.9 11.5 17.3



#11
Tert butyl alcohol
Concen: 1.766 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

Tgt Ion: 59 Resp: 2302
Ion Ratio Lower Upper
59 100
57 5.4 8.9 13.3#





#12

1,1-Dichloroethene

Concen: 0.221 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampled :

PB131195TB

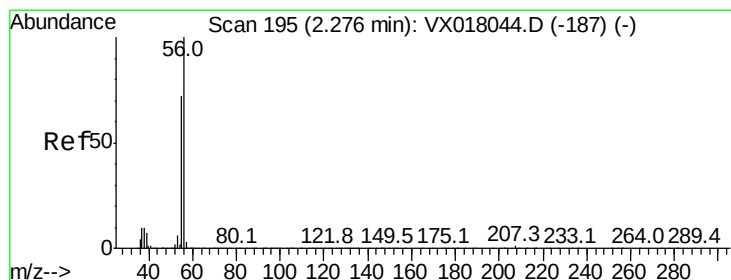
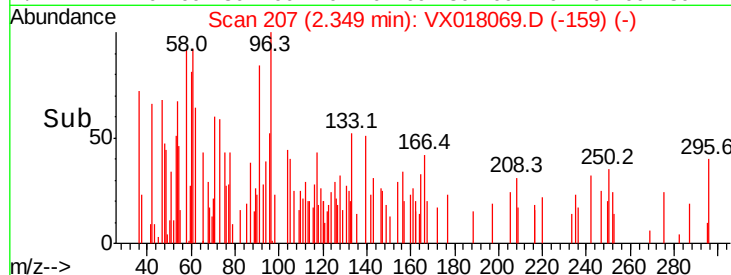
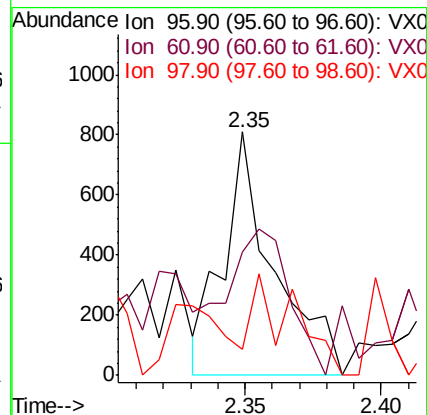
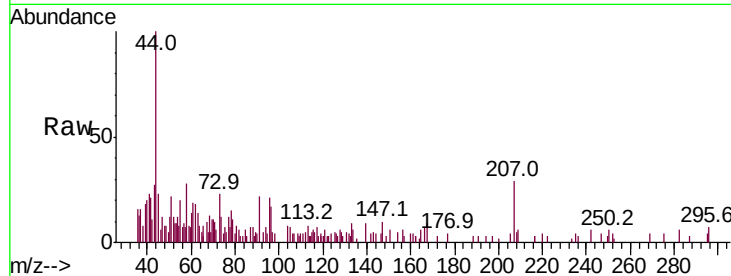
Tot Ion: 96 Resp: 1042

Ion Ratio Lower Upper

96 100

61 22.0 133.0 199.4#

98 10.5 51.6 77.4#



#13

Acrolein

Concen: 1.752 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018069.D

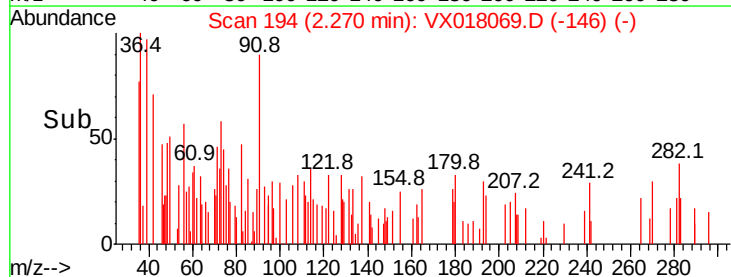
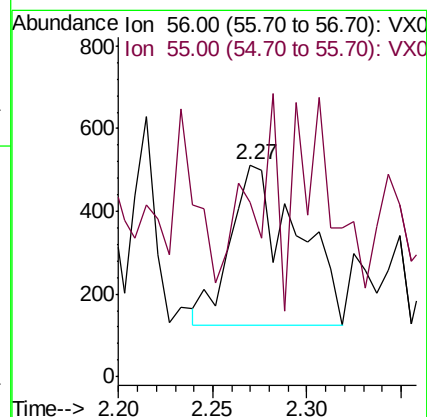
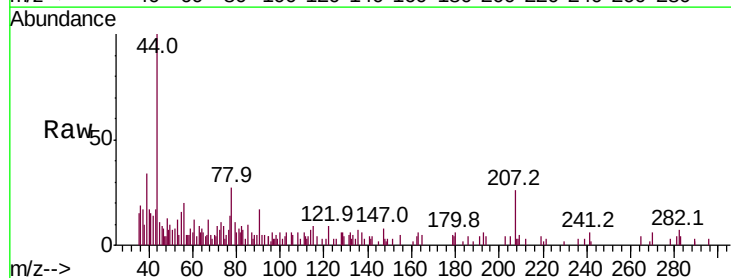
Acq: 26 Aug 2020 12:07

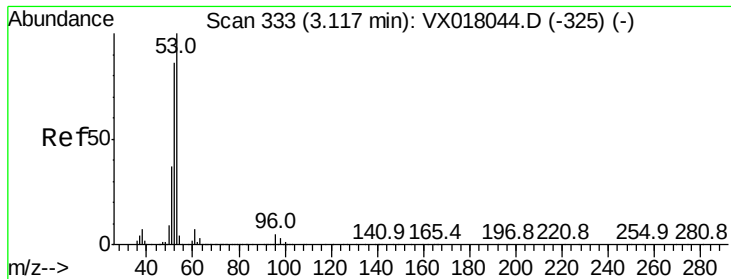
Tgt Ion: 56 Resp: 947

Ion Ratio Lower Upper

56 100

55 26.6 57.0 85.6#





#15

Acrylonitrile

Concen: 0.331 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

PB131195TB

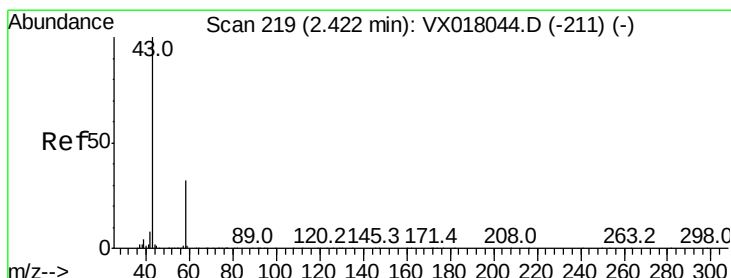
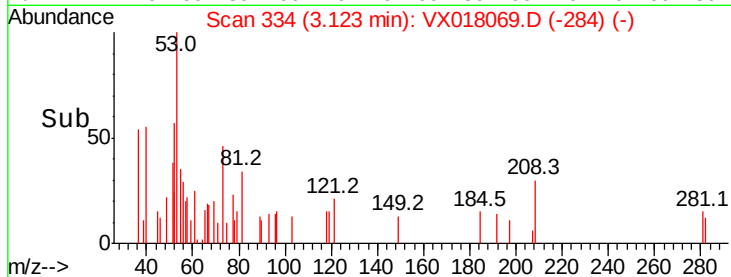
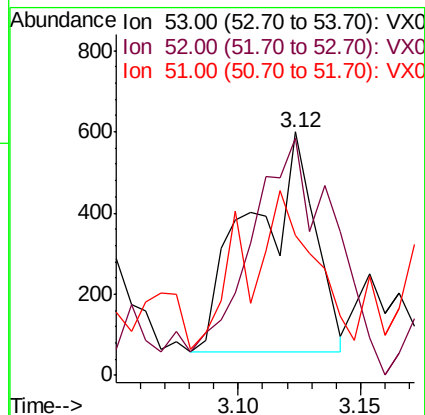
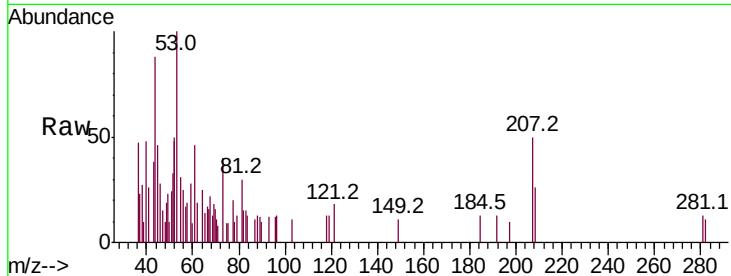
Tot Ion: 53 Resp: 979

Ion Ratio Lower Upper

53 100

52 149.3 66.9 100.3#

51 50.5 28.7 43.1#



#16

Acetone

Concen: 16.197 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018069.D

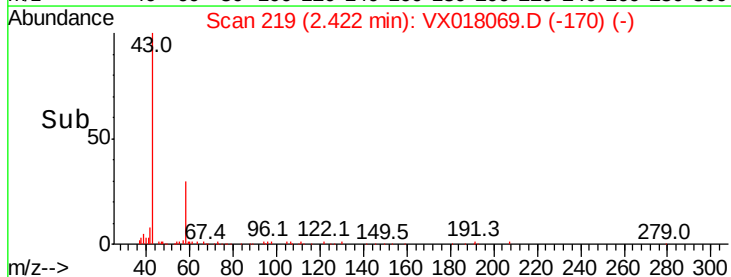
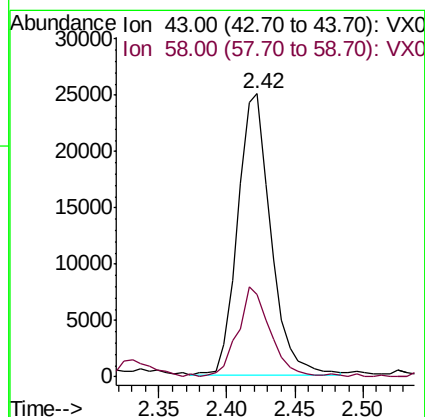
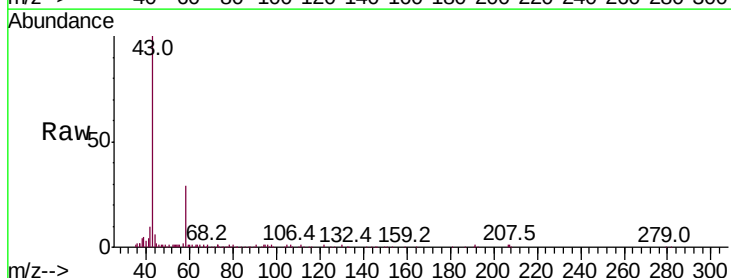
Acq: 26 Aug 2020 12:07

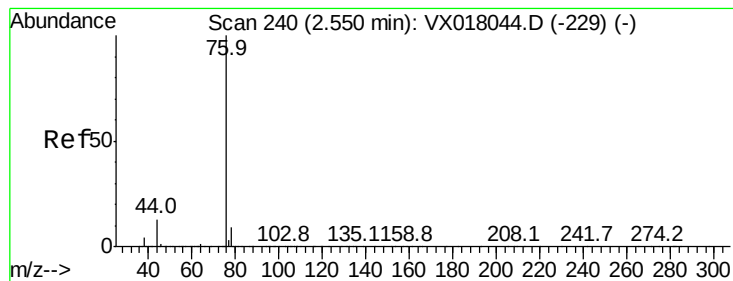
Tgt Ion: 43 Resp: 42304

Ion Ratio Lower Upper

43 100

58 29.0 25.5 38.3





#17

Carbon Disulfide

Concen: 0.351 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

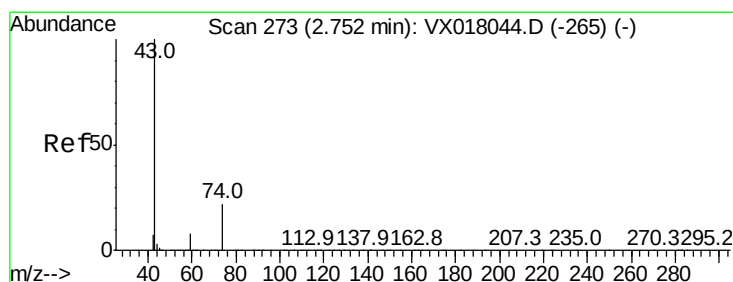
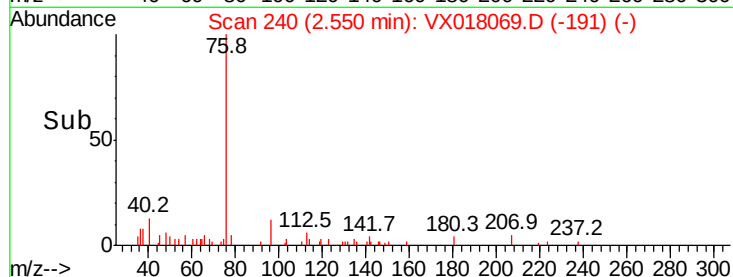
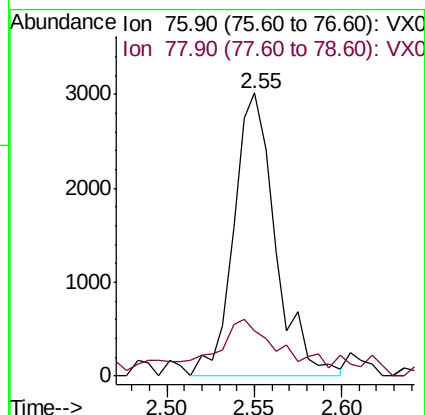
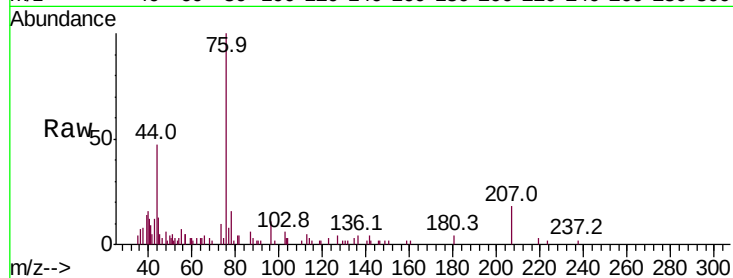
PB131195TB

Tot Ion: 76 Resp: 5002

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.0



#18

Methyl Acetate

Concen: 1.169 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018069.D

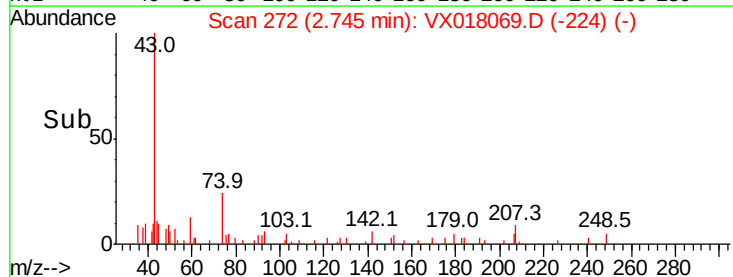
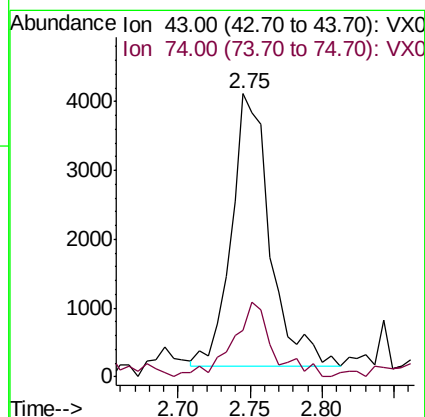
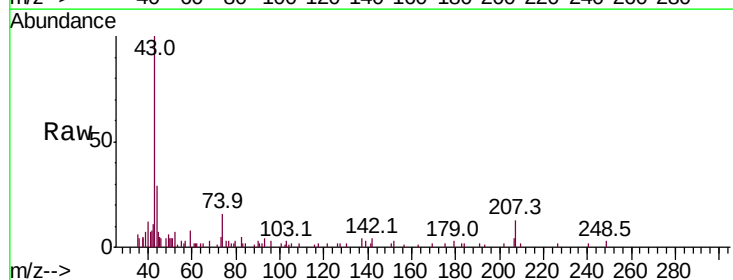
Acq: 26 Aug 2020 12:07

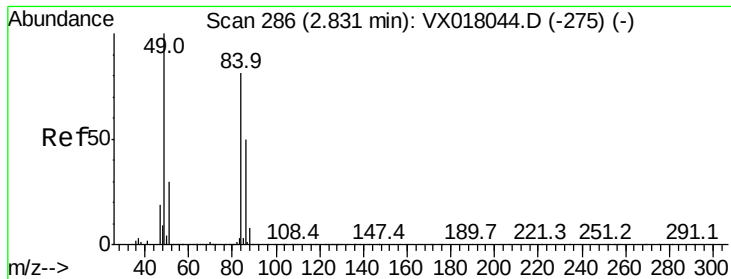
Tgt Ion: 43 Resp: 7368

Ion Ratio Lower Upper

43 100

74 28.2 18.2 27.4#

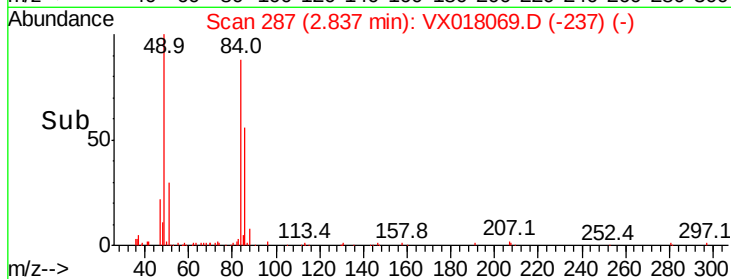
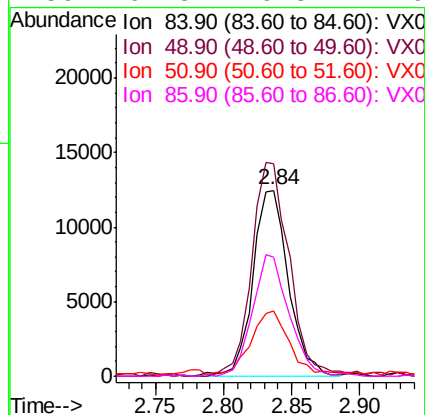
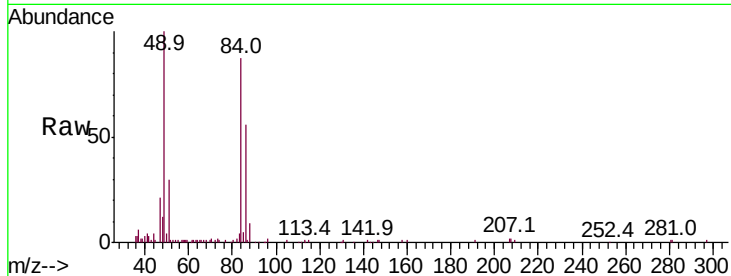




#20
Methylene Chloride
Concen: 3.205 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

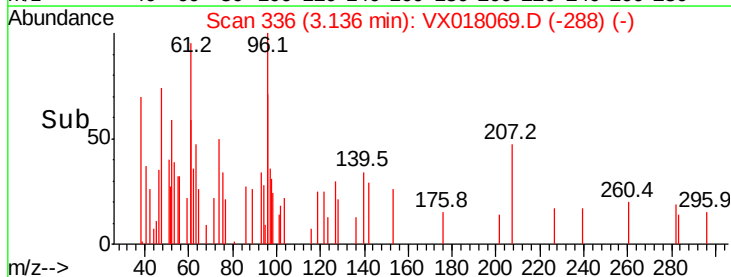
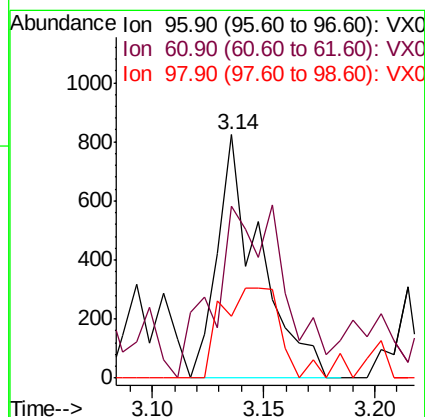
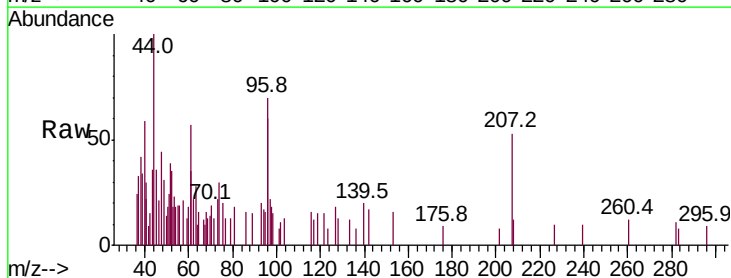
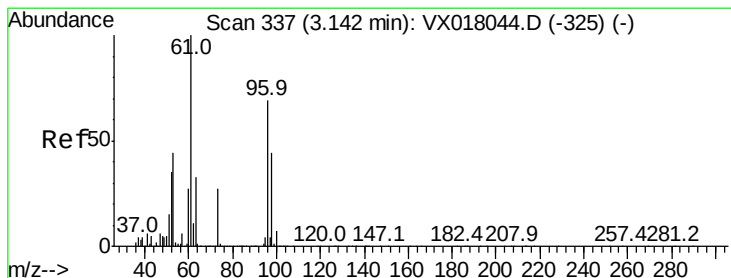
Instrument :
MSVOA_X
ClientSampleId :
PB131195TB

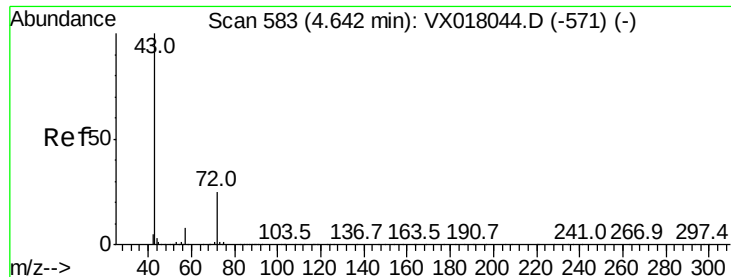
Tot Ion:	84	Resp:	22954
Ion	Ratio	Lower	Upper
84	100		
49	112.6	98.6	148.0
51	33.0	29.6	44.4
86	64.3	49.8	74.6



#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

Tgt Ion:	96	Resp:	1084
Ion	Ratio	Lower	Upper
96	100		
61	55.7	115.4	173.0#
98	25.2	51.1	76.7#





#25

2-Butanone

Concen: 2.157 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

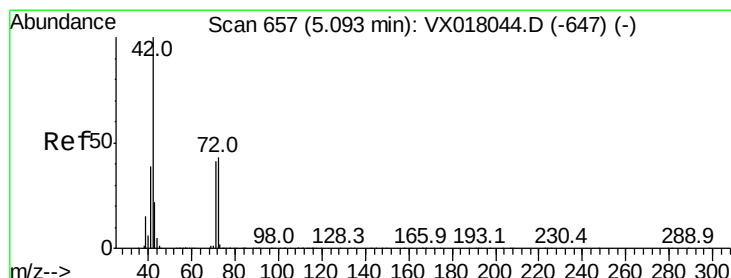
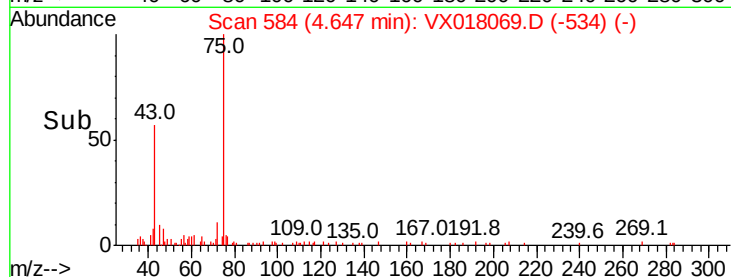
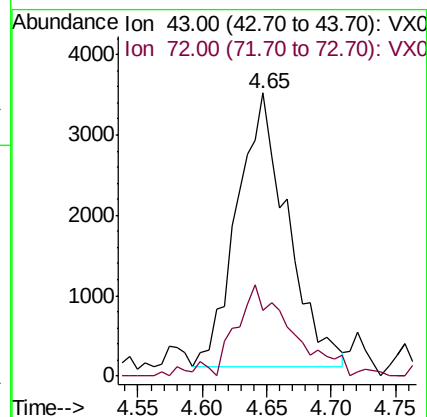
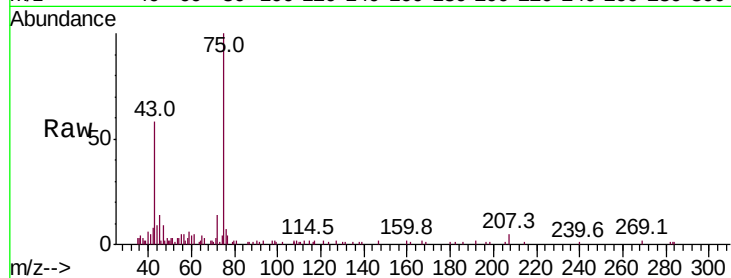
PB131195TB

Tot Ion: 43 Resp: 9258

Ion Ratio Lower Upper

43 100

72 22.6 19.8 29.6



#29

Tetrahydrofuran

Concen: 0.458 ug/l

RT: 5.12 min Scan# 661

Delta R.T. 0.02 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

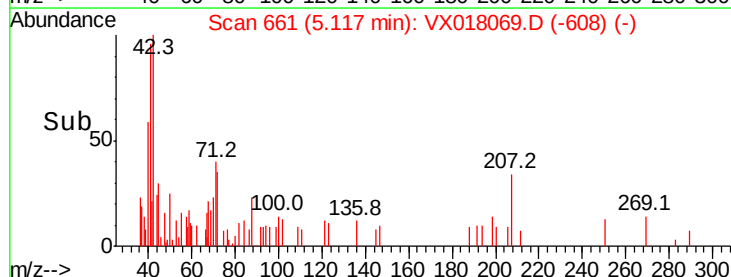
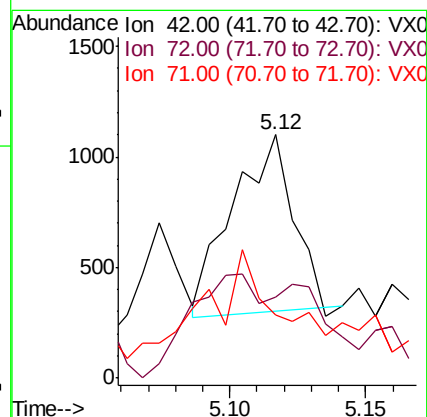
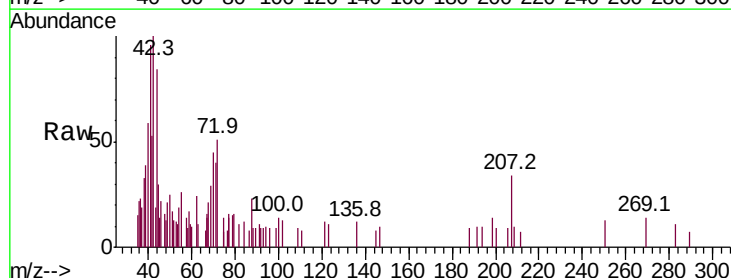
Tgt Ion: 42 Resp: 1251

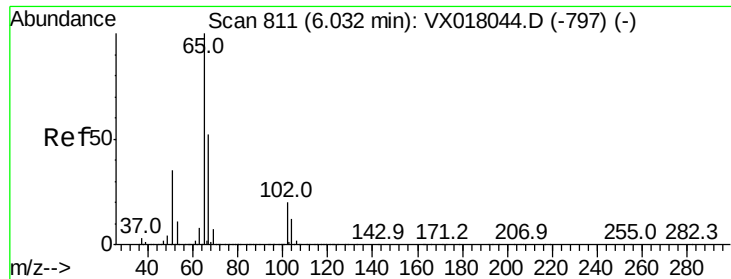
Ion Ratio Lower Upper

42 100

72 65.6 34.2 51.4#

71 70.1 32.1 48.1#

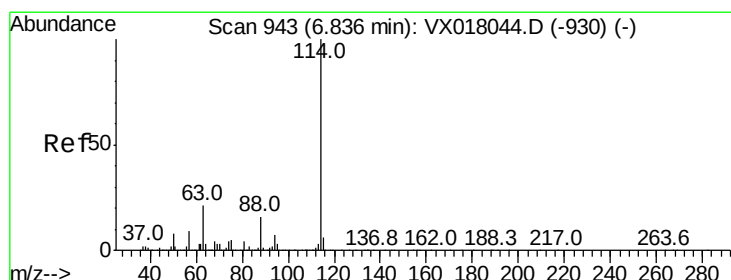
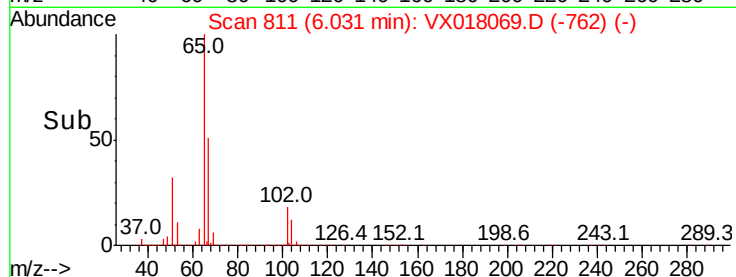
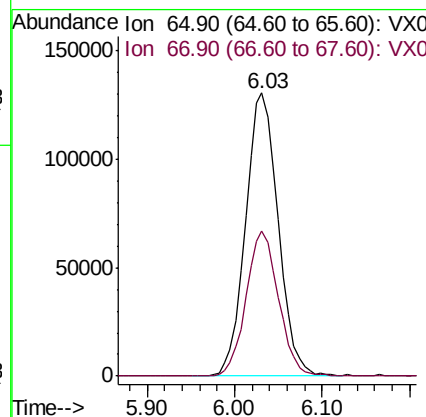
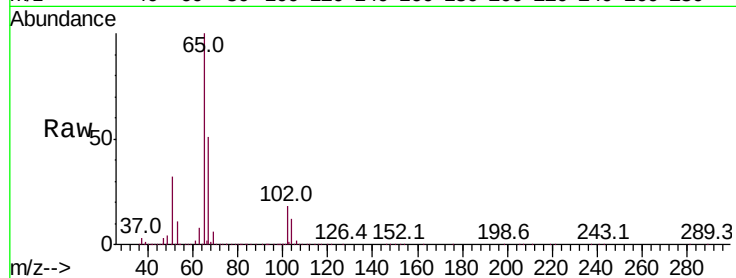




#33
 1,2-Dichloroethane-d4
 Concen: 50.238 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018069.D
 Acq: 26 Aug 2020 12:07

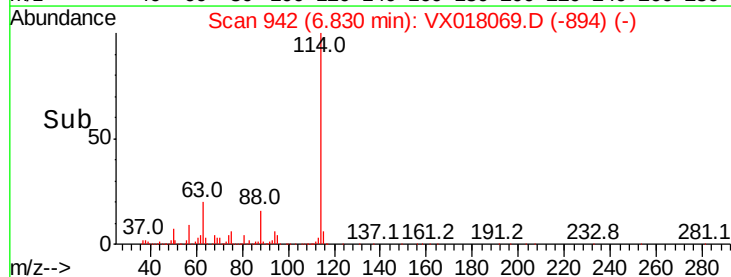
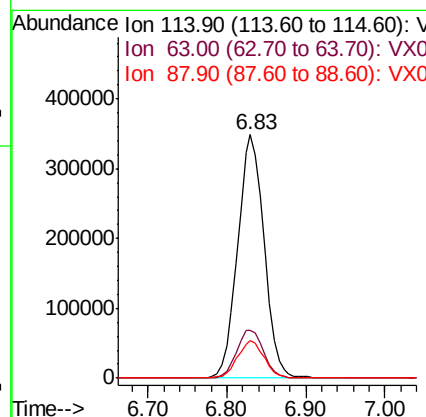
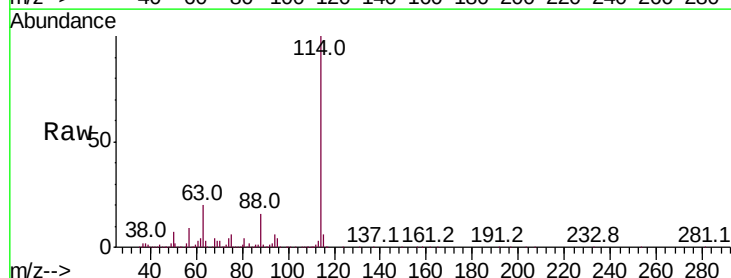
Instrument :
 MSVOA_X
 ClientSampled :
 PB131195TB

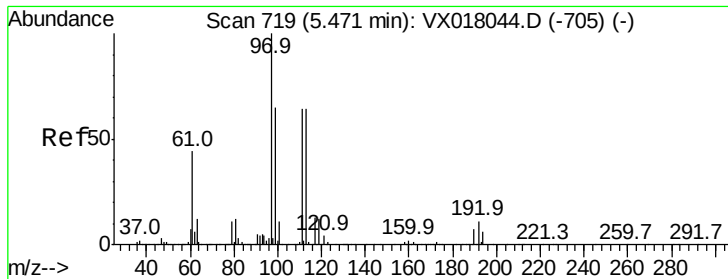
Tot Ion: 65 Resp: 336745
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018069.D
 Acq: 26 Aug 2020 12:07

Tgt Ion: 114 Resp: 811931
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.6
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.203 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

PB131195TB

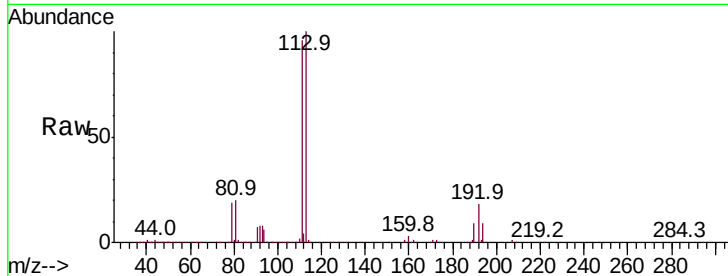
Tot Ion:113 Resp: 266543

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

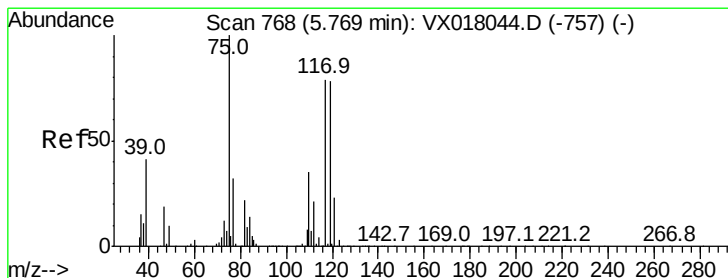
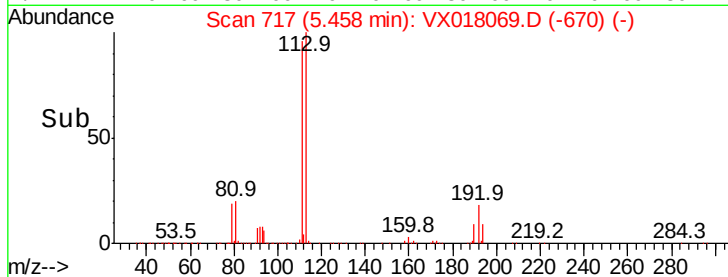
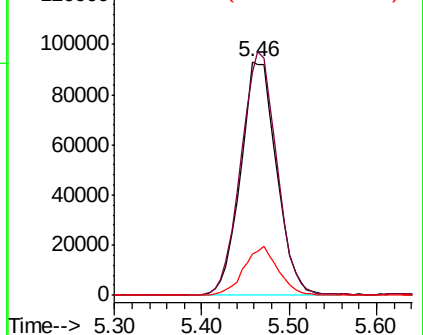
192 20.0 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.946 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

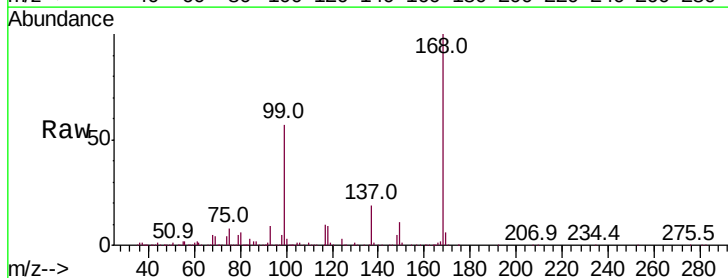
Tgt Ion: 75 Resp: 37042

Ion Ratio Lower Upper

75 100

110 10.9 18.0 54.0#

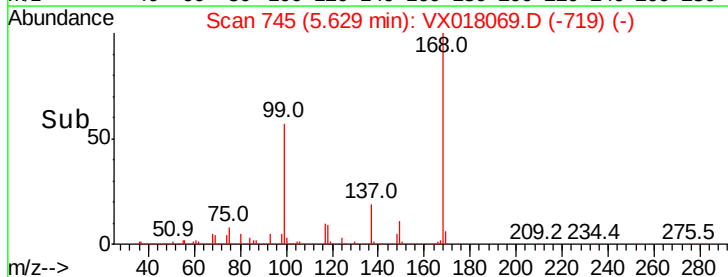
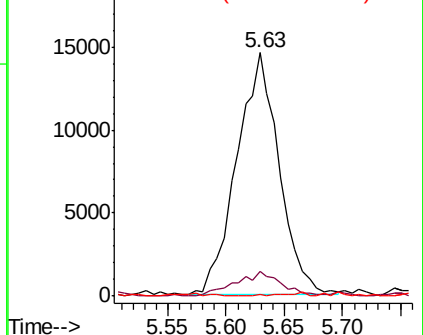
77 0.0 24.4 36.6#

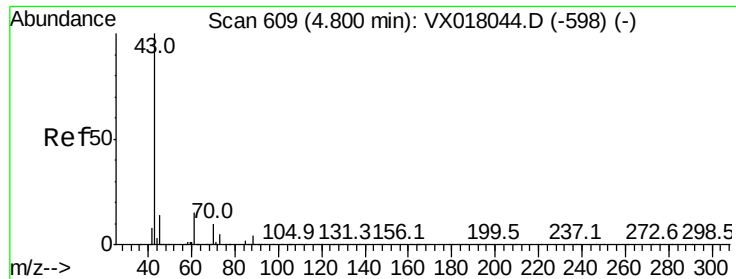


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.214 ug/l

RT: 4.80 min Scan# 609

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

PB131195TB

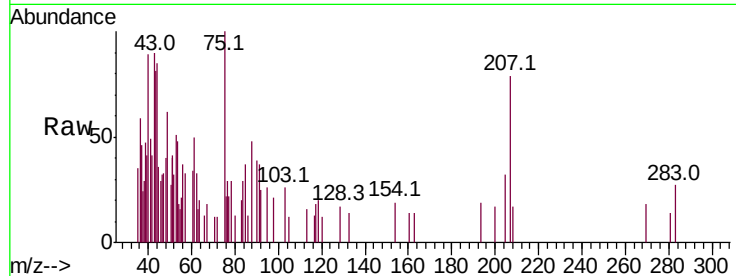
Tot Ion: 43 Resp: 1861

Ion Ratio Lower Upper

43 100

61 17.4 11.3 16.9#

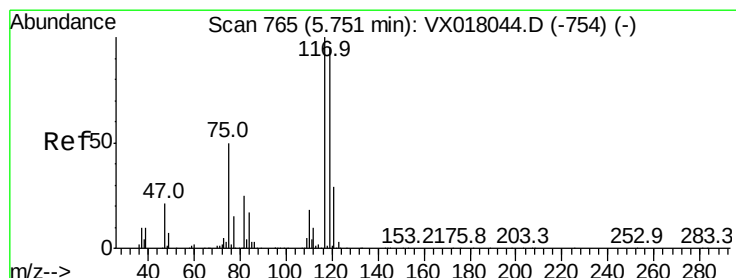
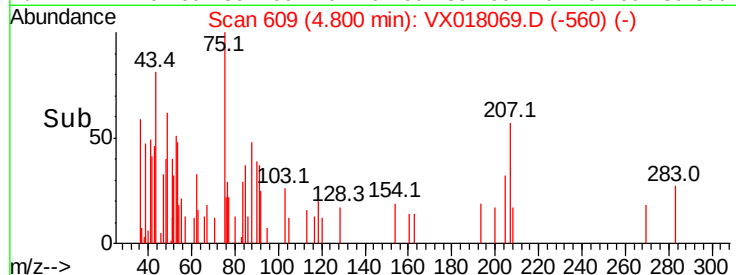
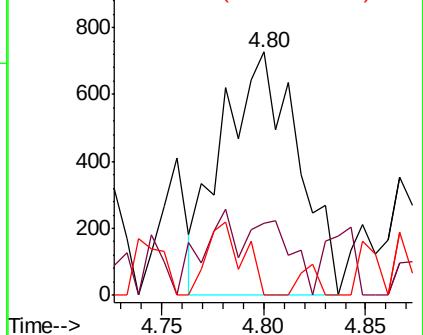
70 0.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.087 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

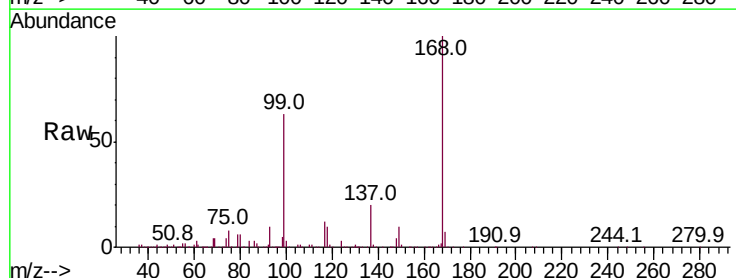
Tgt Ion: 117 Resp: 51374

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

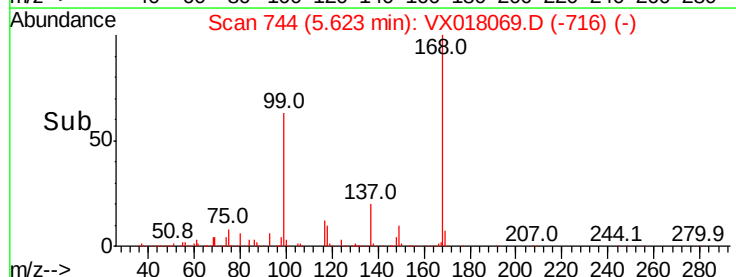
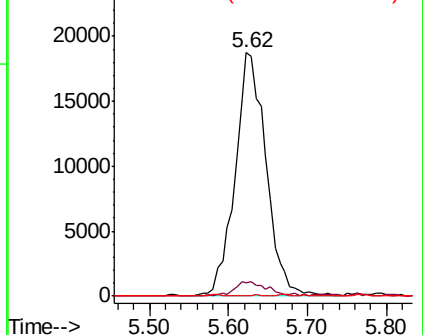
121 0.0 23.4 35.0#

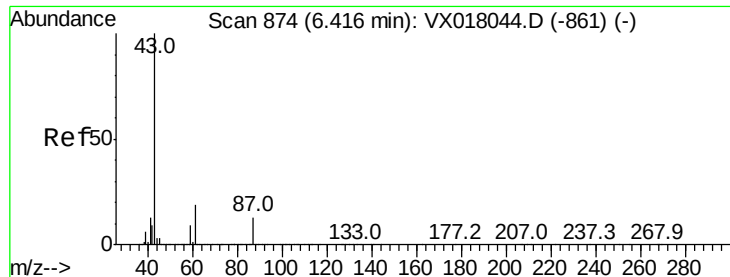


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 9.583 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

PB131195TB

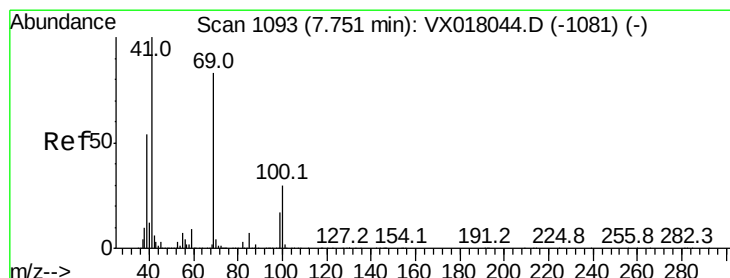
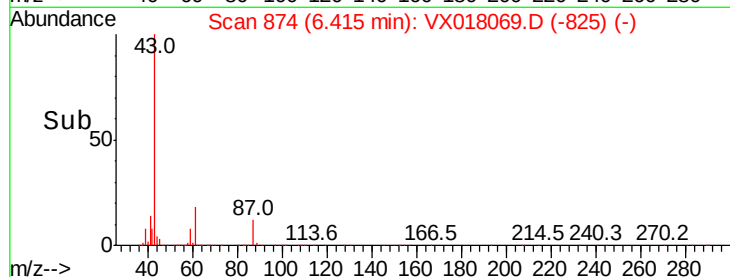
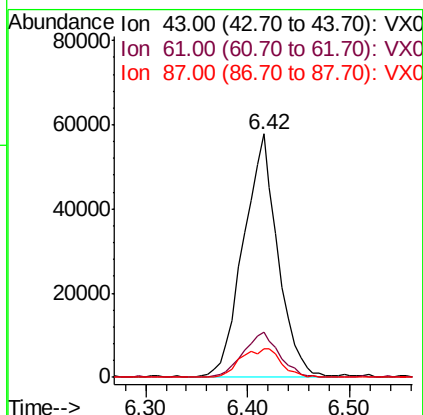
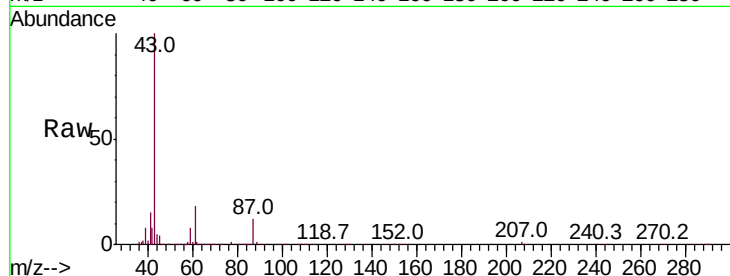
Tot Ion: 43 Resp: 134630

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

87 14.0 10.3 15.5



#48

Methyl methacrylate

Concen: 1.189 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.10 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

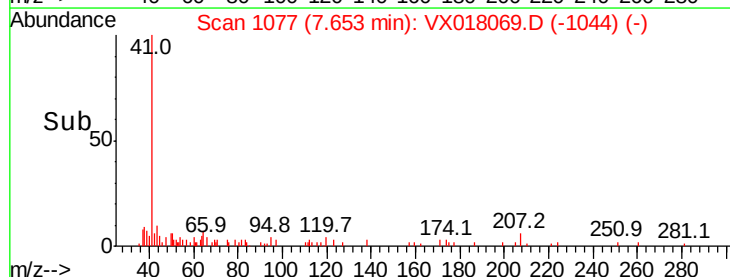
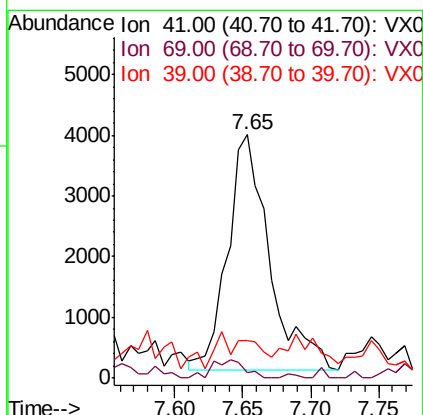
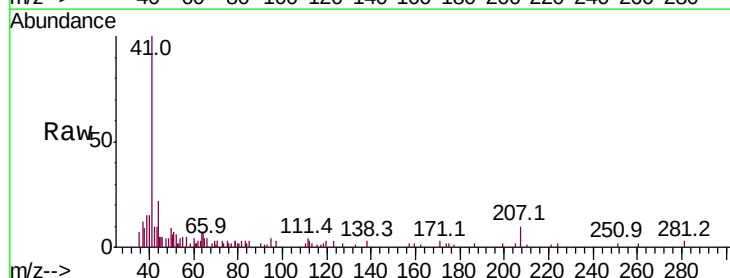
Tgt Ion: 41 Resp: 8316

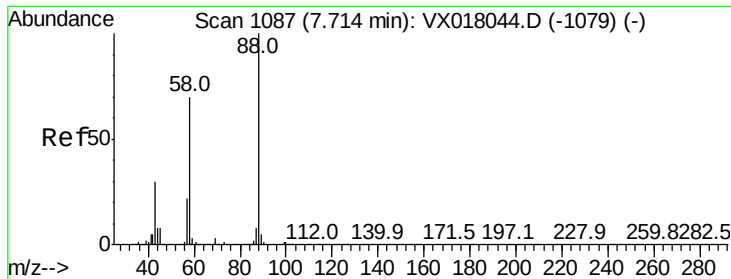
Ion Ratio Lower Upper

41 100

69 6.0 65.5 98.3#

39 0.0 44.5 66.7#





#49

1,4-Dioxane

Concen: 2.944 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

PB131195TB

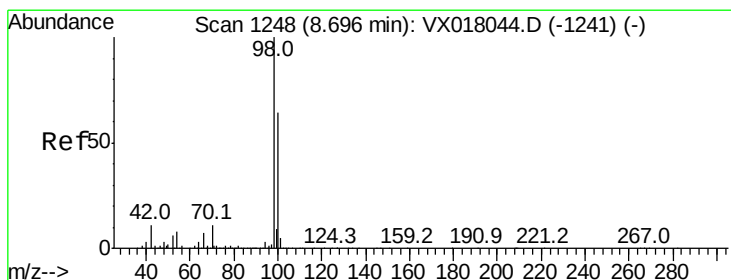
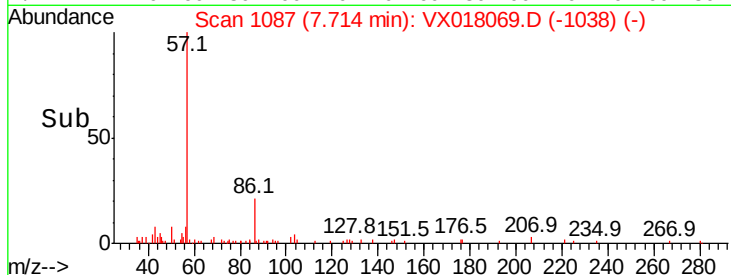
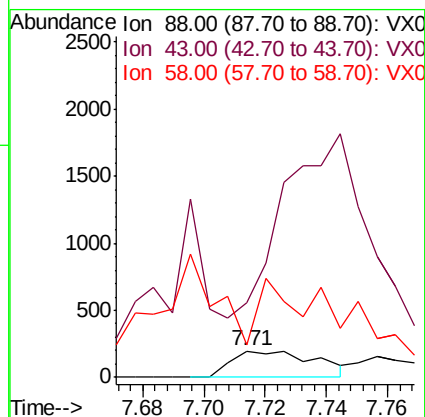
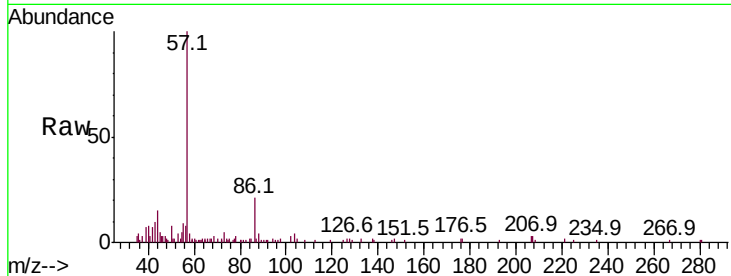
Tot Ion: 88 Resp: 373

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 102.4 56.4 84.6#



#50

Toluene-d8

Concen: 47.309 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018069.D

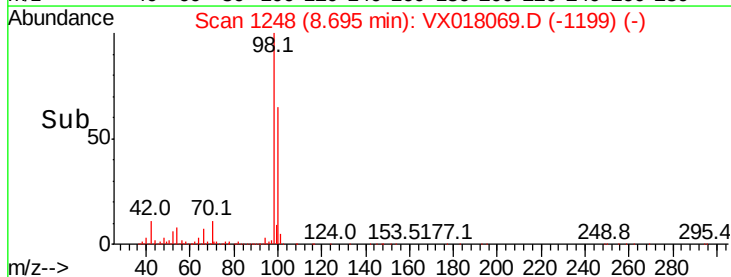
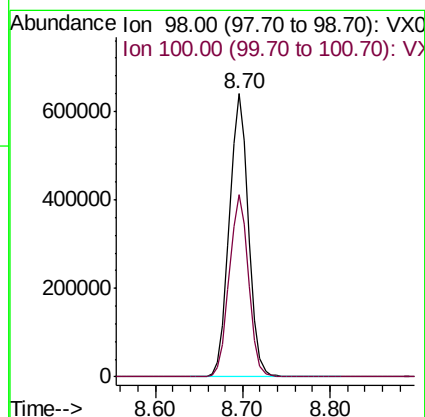
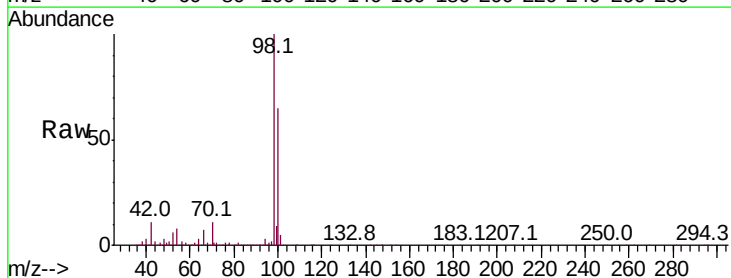
Acq: 26 Aug 2020 12:07

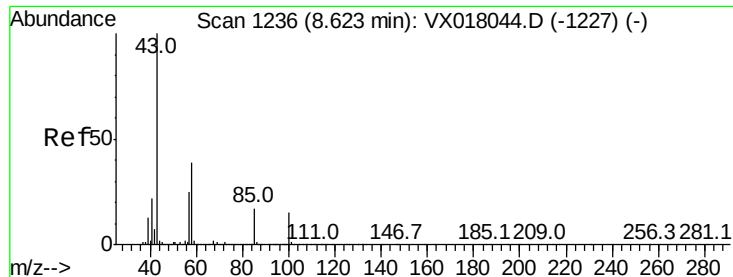
Tgt Ion: 98 Resp: 974351

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 16.362 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

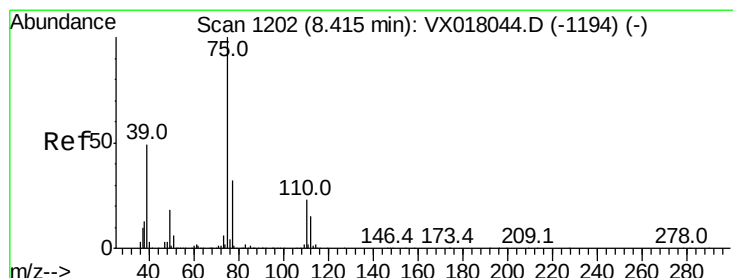
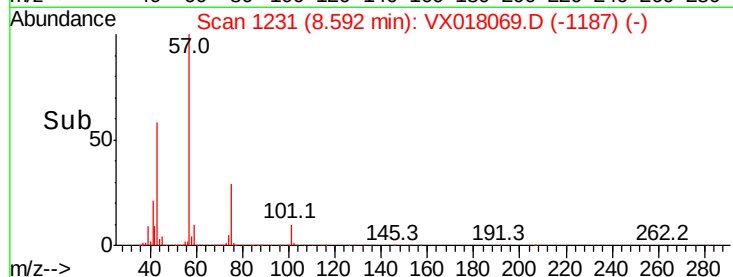
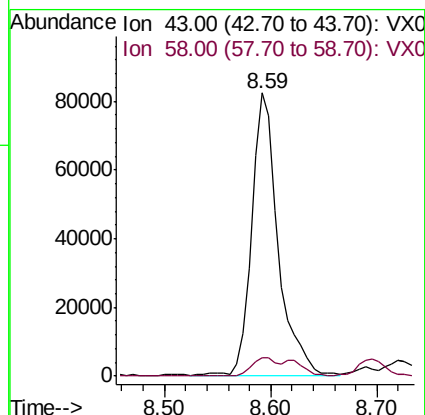
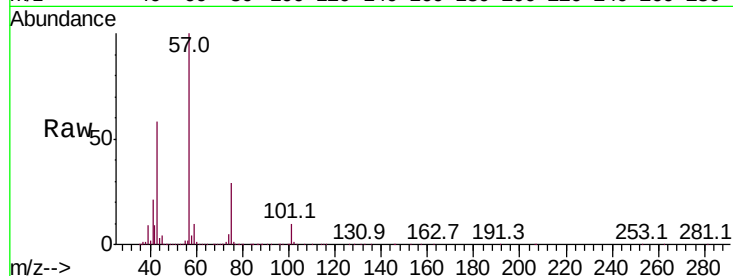
PB131195TB

Tot Ion: 43 Resp: 141989

Ion Ratio Lower Upper

43 100

58 6.7 30.7 46.1#



#54

cis-1,3-Dichloropropene

Concen: 6.169 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

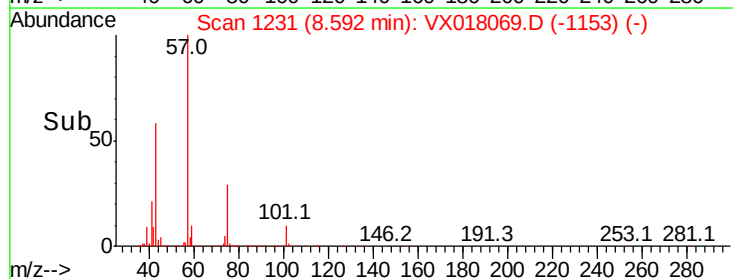
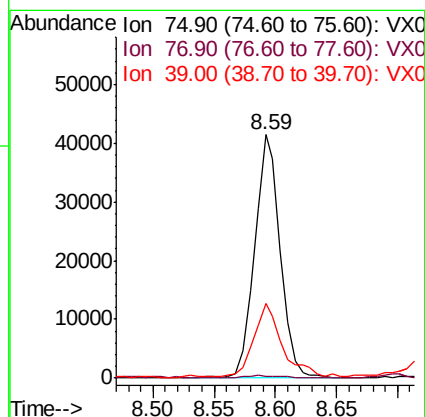
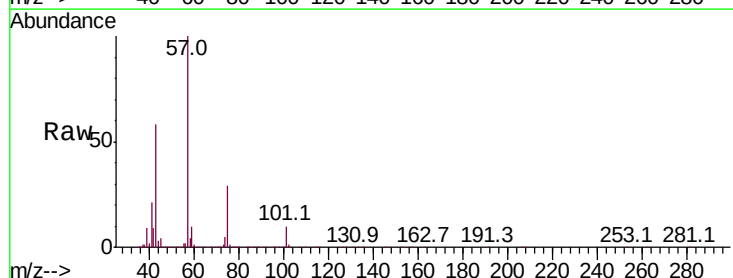
Tgt Ion: 75 Resp: 60309

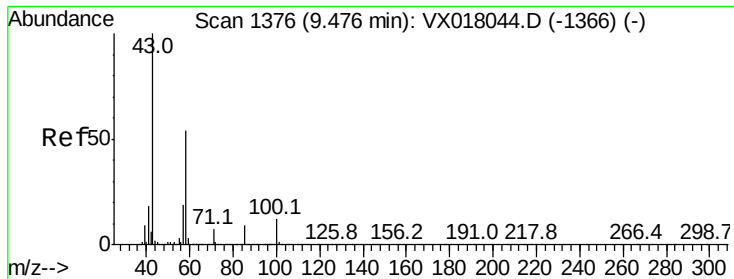
Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.8#

39 29.8 38.8 58.2#

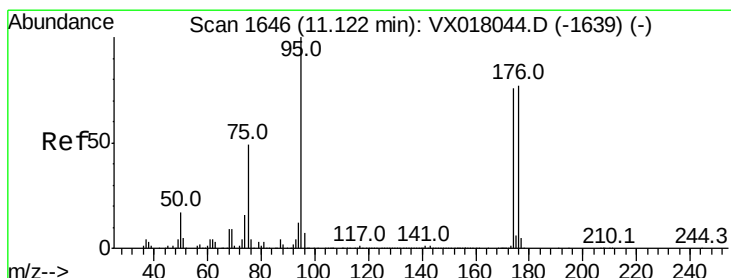
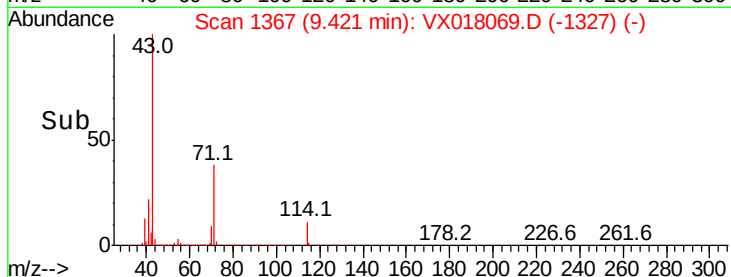
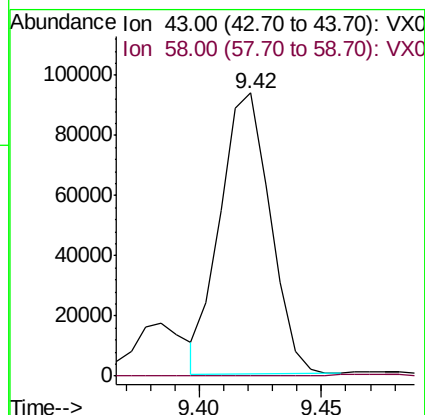
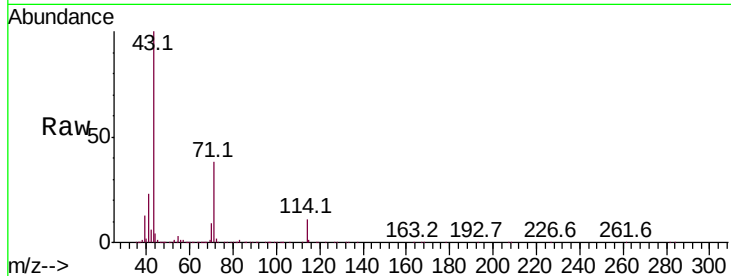




#59
2-Hexanone
Concen: 20.090 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.06 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

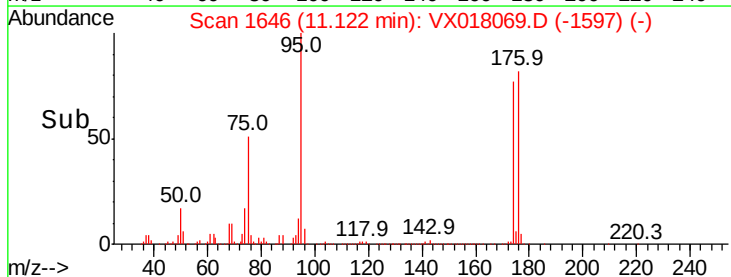
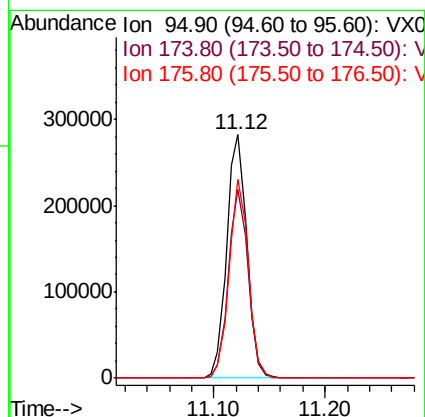
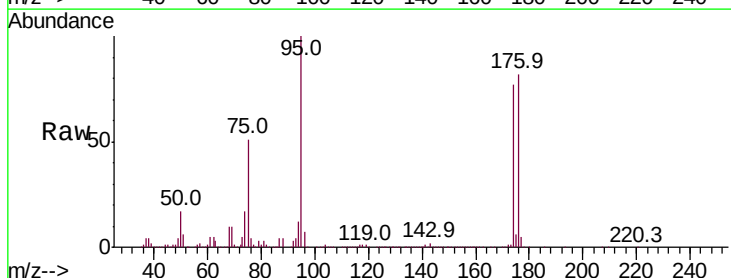
Instrument :
MSVOA_X
ClientSampled :
PB131195TB

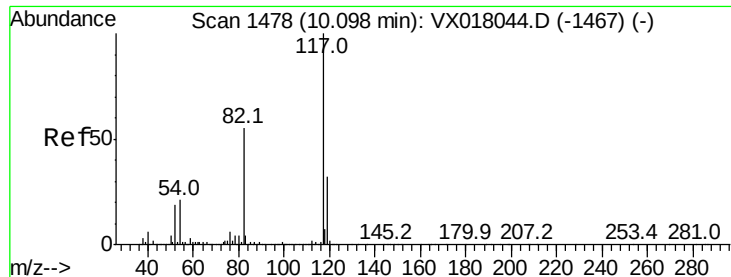
Tot Ion: 43 Resp: 132563
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 43.518 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

Tgt Ion: 95 Resp: 352626
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.2
176 78.2 0.0 155.8

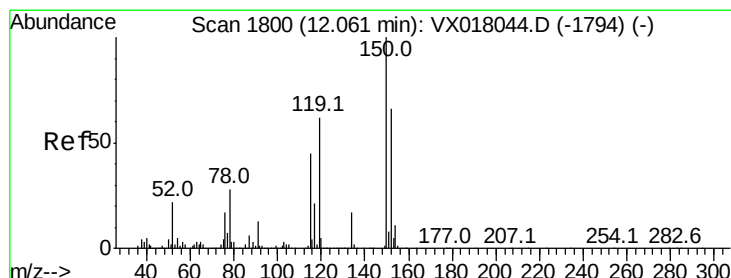
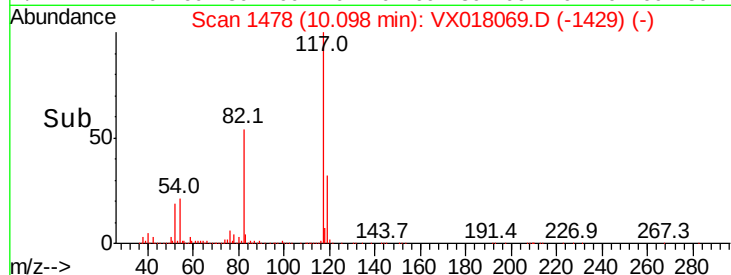
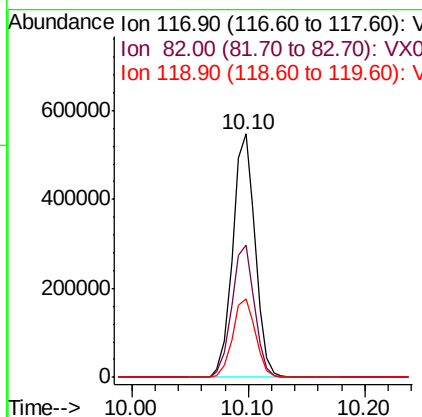
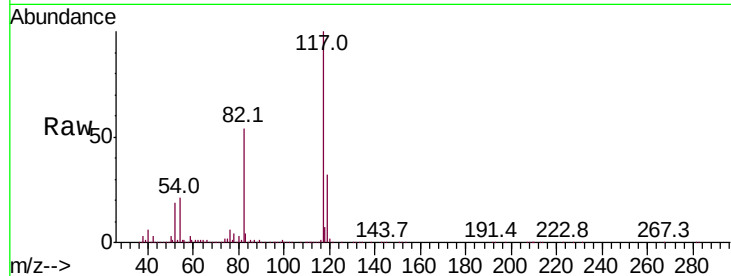




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

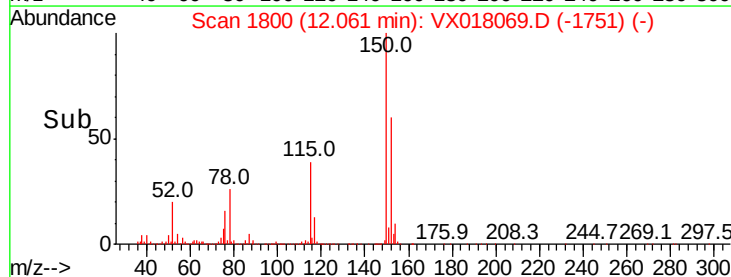
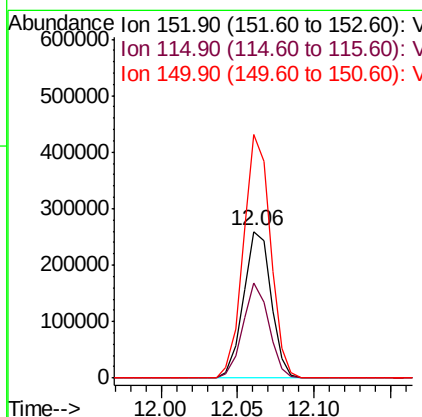
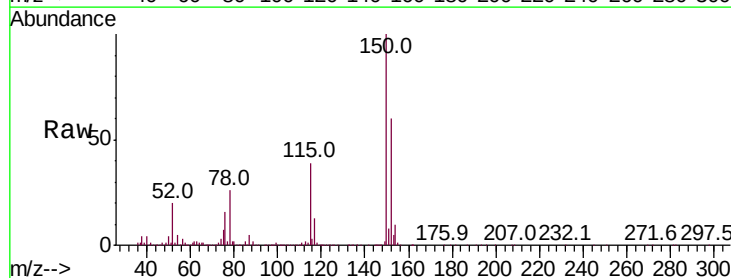
Instrument :
MSVOA_X
ClientSampleId :
PB131195TB

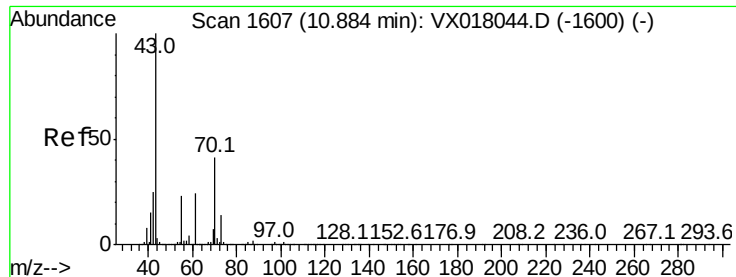
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018069.D
Acq: 26 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.5	124.5
150	161.1	0.0	343.8





#74

N-amvl acetate

Concen: 0.696 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.08 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

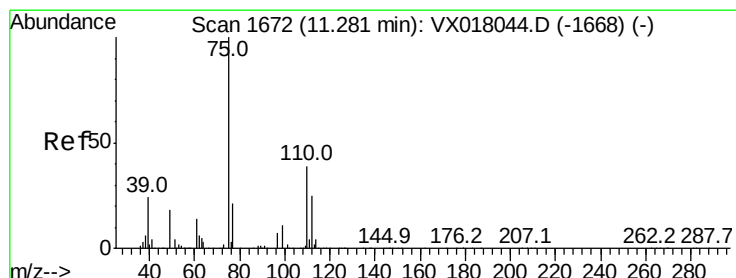
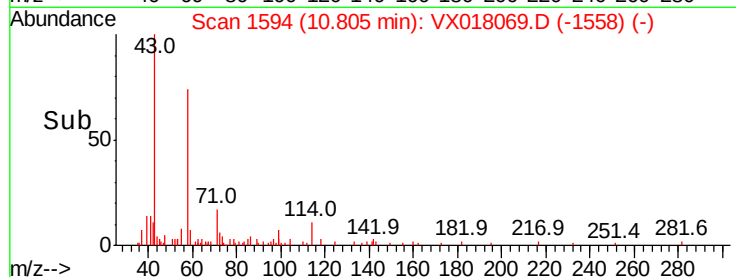
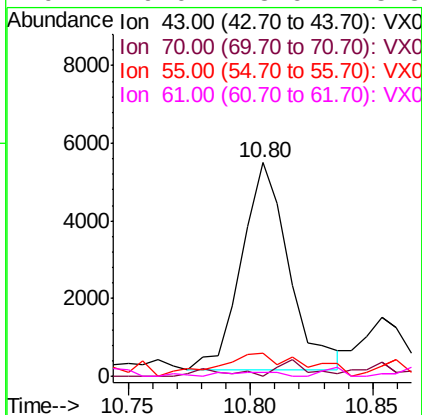
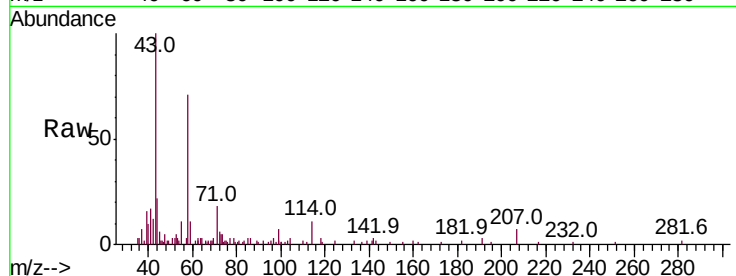
Instrument :

MSVOA_X

ClientSampleId :

PB131195TB

Tot Ion:	43	Resp:	7133
Ion	Ratio	Lower	Upper
43	100		
70	4.3	32.3	48.5#
55	19.7	18.2	27.2
61	0.0	18.9	28.3#



#76

1,2,3-Trichloropropane

Concen: 24.566 ug/l

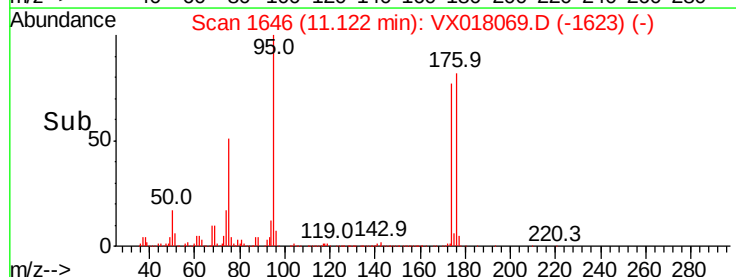
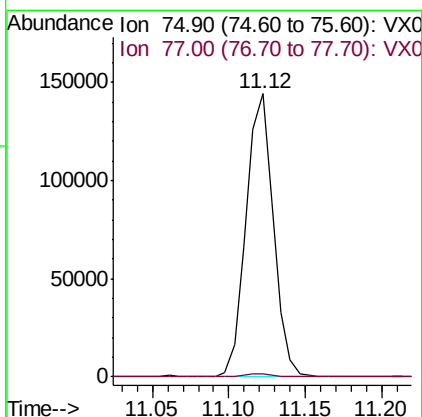
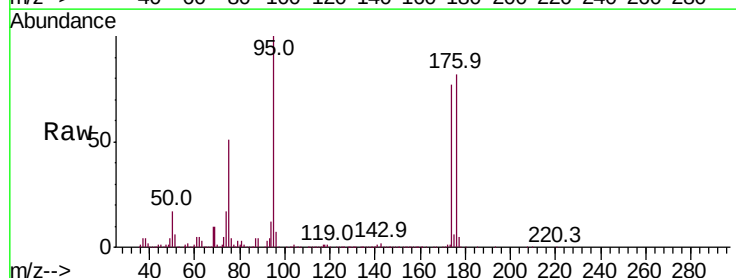
RT: 11.12 min Scan# 1646

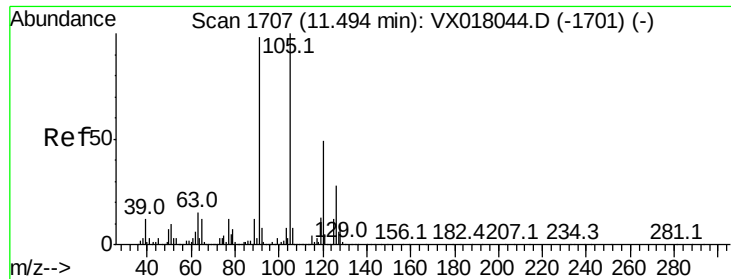
Delta R.T. -0.16 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Tgt Ion:	75	Resp:	178919
Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.8	62.2#

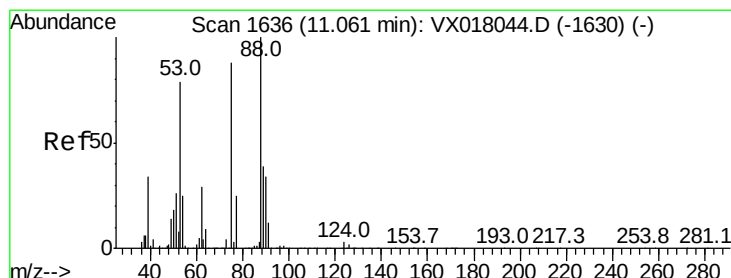
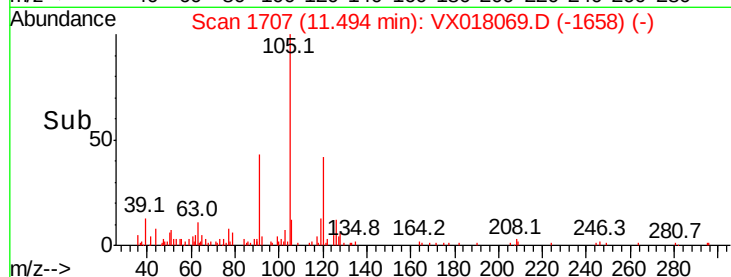
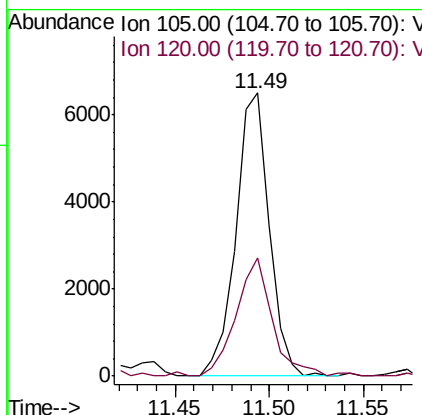
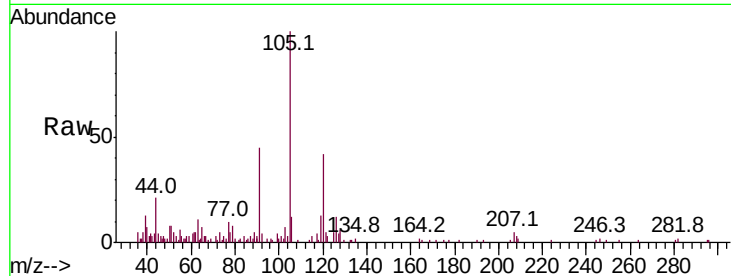




#80
 1,3,5-Trimethylbenzene
 Concen: 0.449 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018069.D
 Acq: 26 Aug 2020 12:07

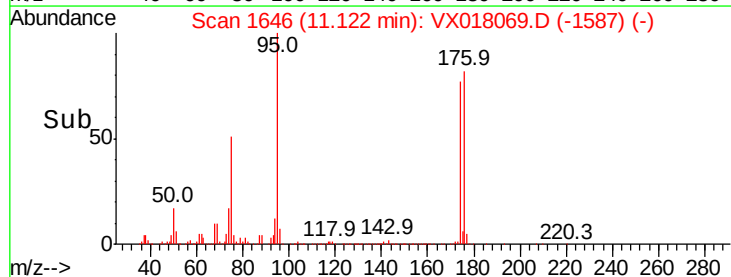
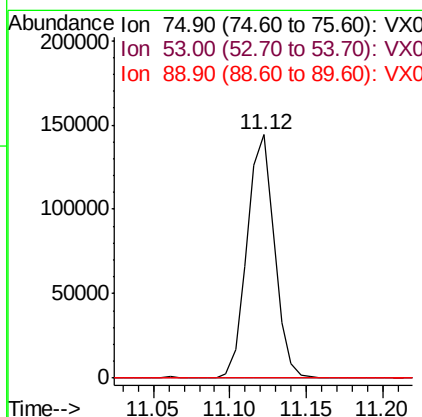
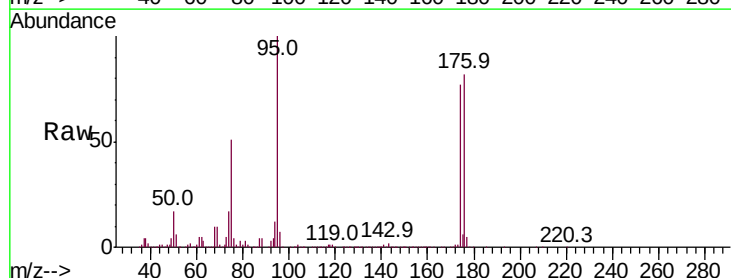
Instrument :
 MSVOA_X
 ClientSampleId :
 PB131195TB

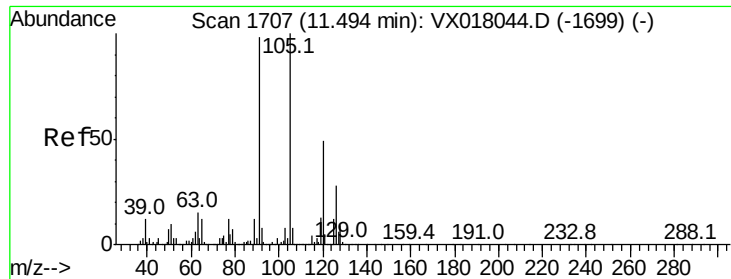
Tot Ion:105 Resp: 7962
 Ion Ratio Lower Upper
 105 100
 120 45.9 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.350 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018069.D
 Acq: 26 Aug 2020 12:07

Tgt Ion: 75 Resp: 178919
 Ion Ratio Lower Upper
 75 100
 53 0.4 74.7 112.1#
 89 0.1 36.6 54.8#





#82

4-Chlorotoluene

Concen: 0.234 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

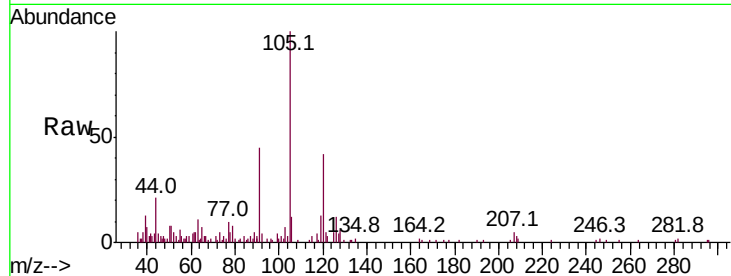
PB131195TB

Tot Ion: 91 Resp: 4222

Ion Ratio Lower Upper

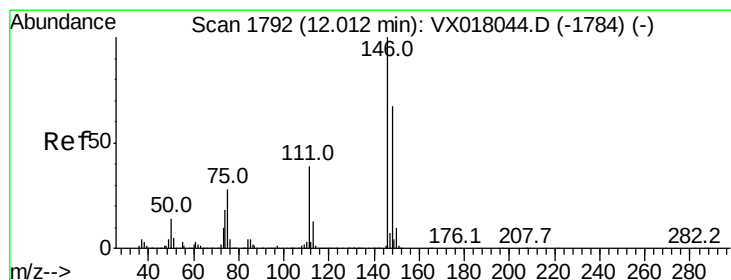
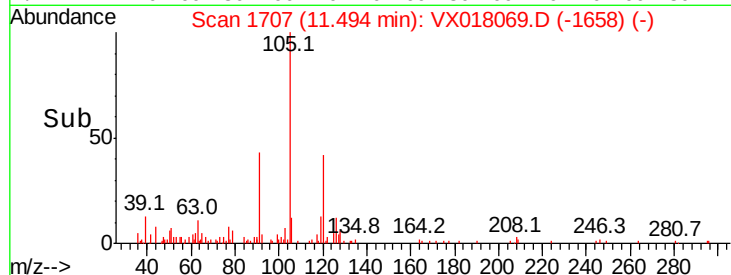
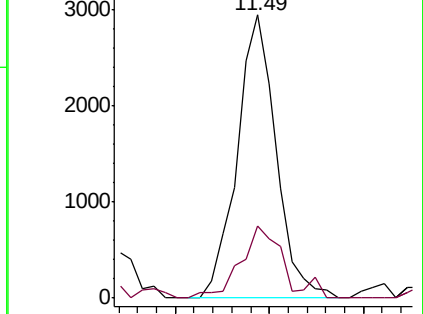
91 100

126 26.0 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#87

1,3-Dichlorobenzene

Concen: 0.255 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

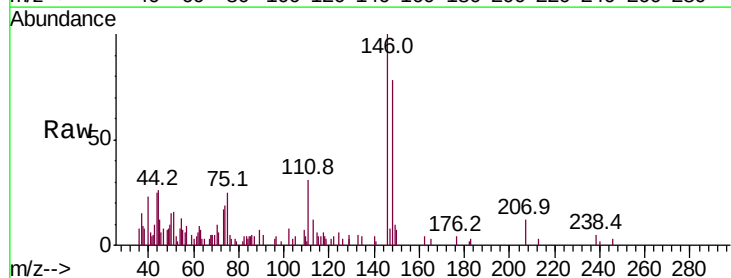
Tgt Ion: 146 Resp: 2671

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

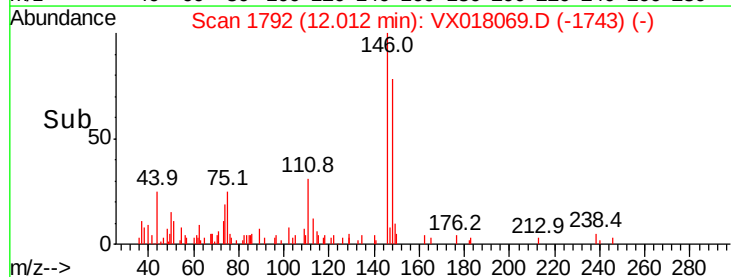
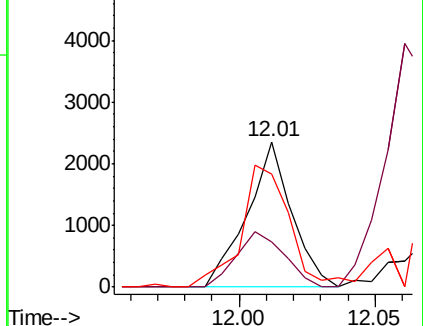
148 88.8 33.1 99.2

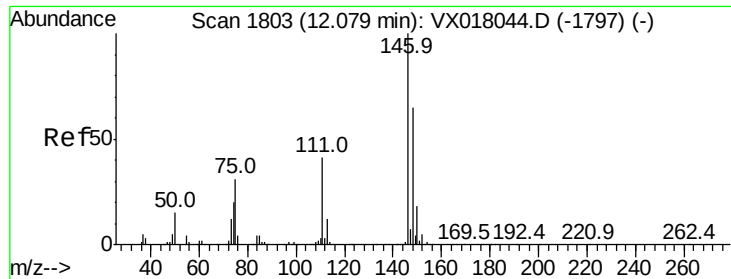


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.255 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampled :

PB131195TB

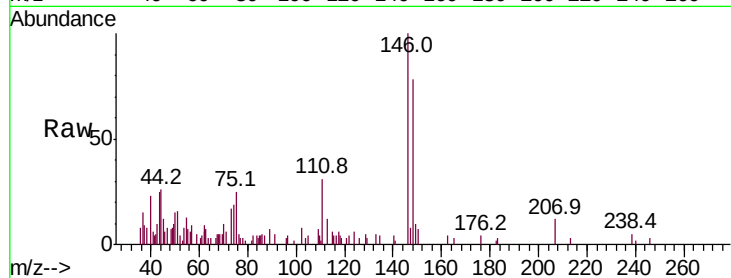
Tot Ion:146 Resp: 2671

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.8

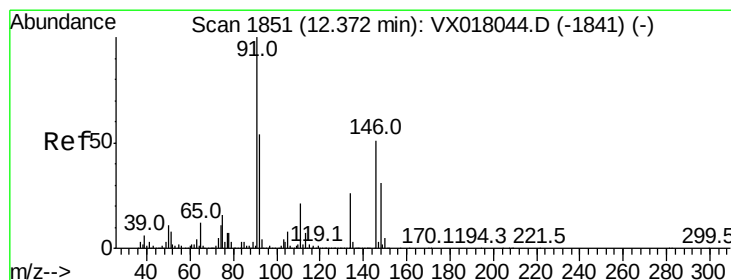
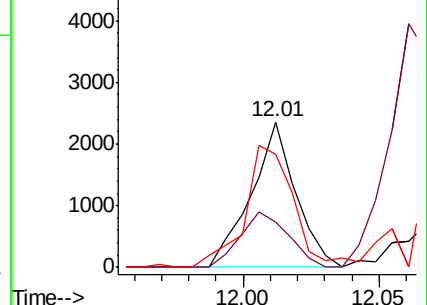
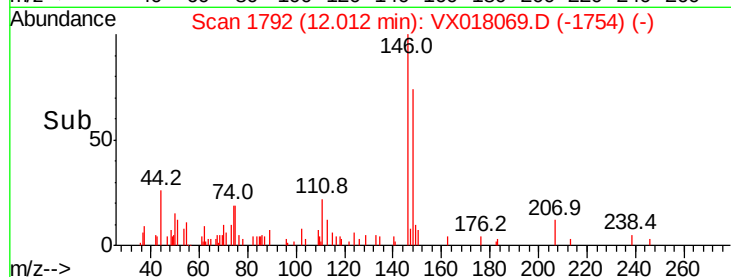
148 88.8 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.314 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

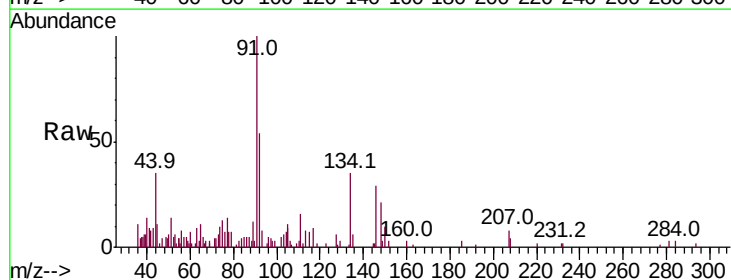
Tgt Ion: 91 Resp: 5237

Ion Ratio Lower Upper

91 100

92 46.6 26.4 79.2

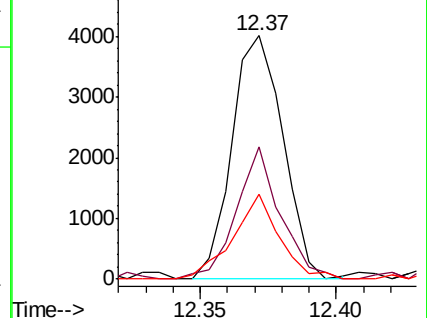
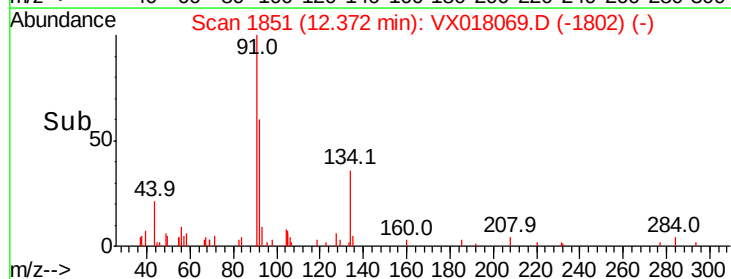
134 31.6 12.9 38.7

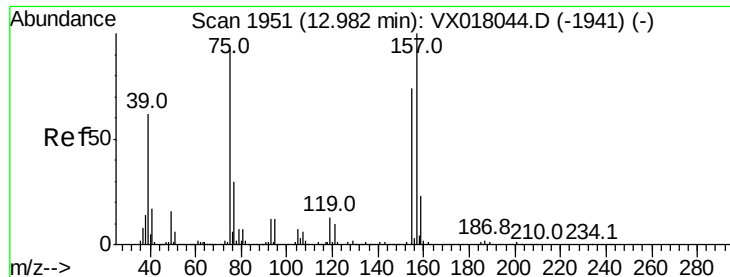


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.258 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

PB131195TB

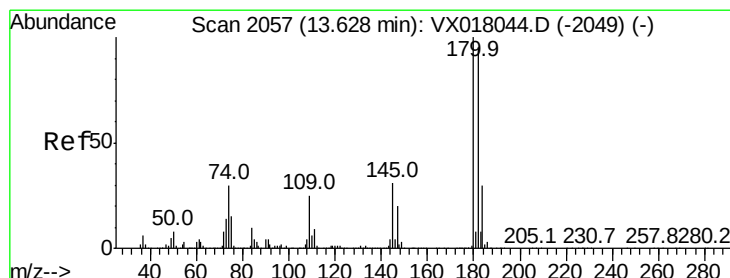
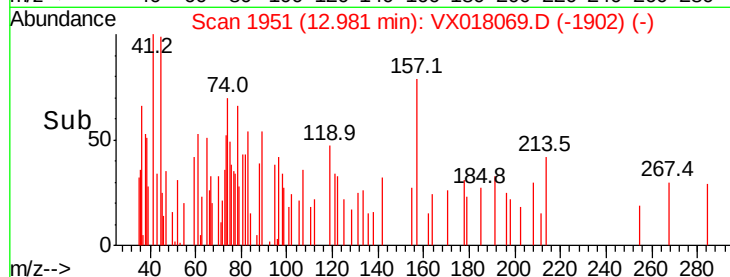
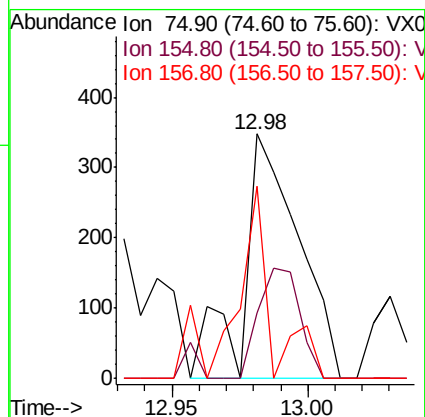
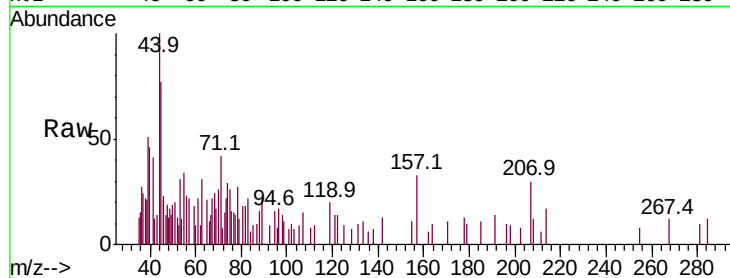
Tot Ion: 75 Resp: 492

Ion Ratio Lower Upper

75 100

155 33.5 40.2 120.6#

157 42.5 55.0 165.2#



#93

1,2,4-Trichlorobenzene

Concen: 0.531 ug/l

RT: 13.63 min Scan# 2058

Delta R.T. 0.01 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

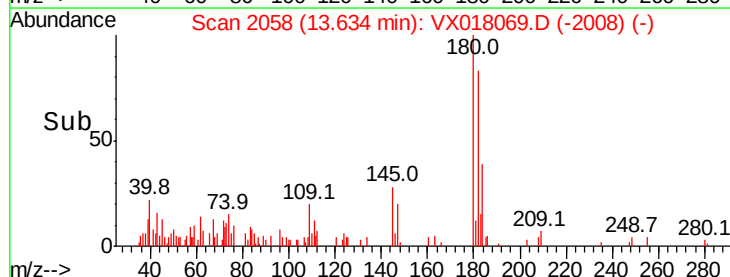
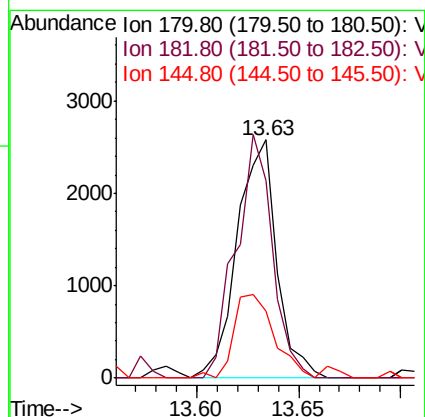
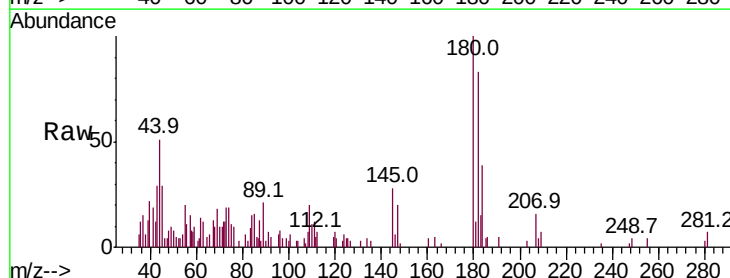
Tgt Ion: 180 Resp: 3490

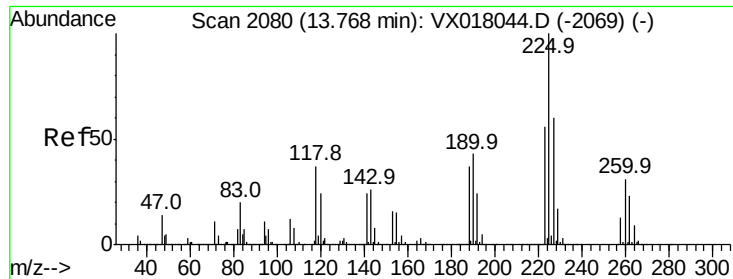
Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.6

145 35.3 15.7 47.1





#94

Hexachlorobutadiene

Concen: 0.988 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

Instrument :

MSVOA_X

ClientSampled :

PB131195TB

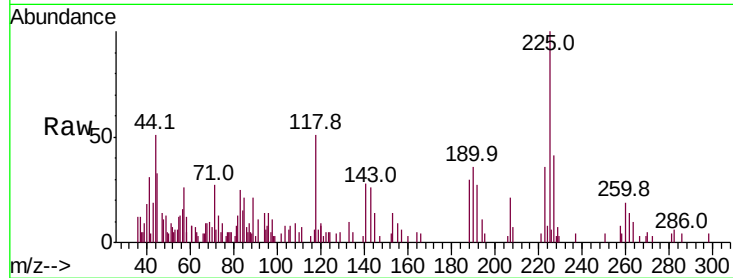
Tot Ion:225 Resp: 2563

Ion Ratio Lower Upper

225 100

223 42.0 30.7 92.1

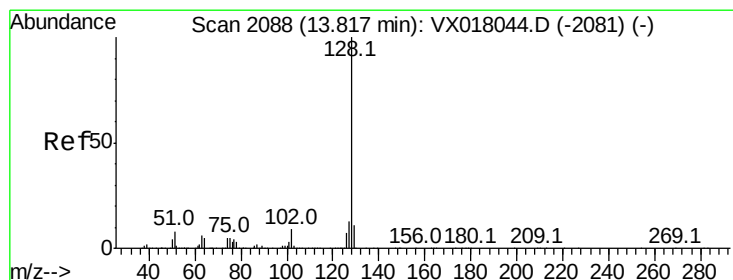
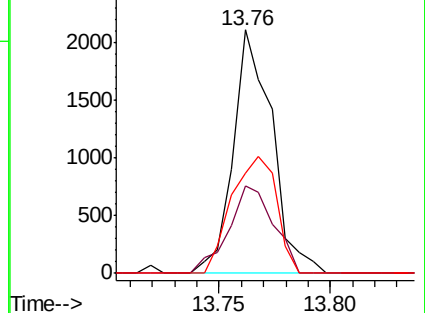
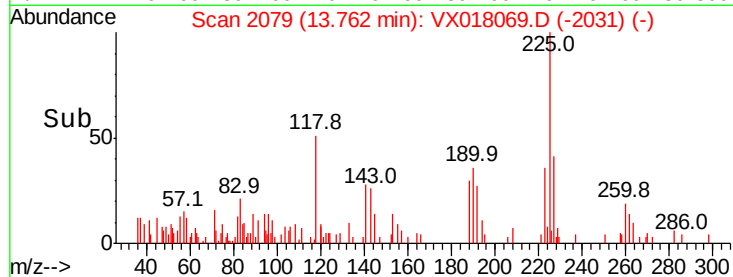
227 55.8 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.324 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018069.D

Acq: 26 Aug 2020 12:07

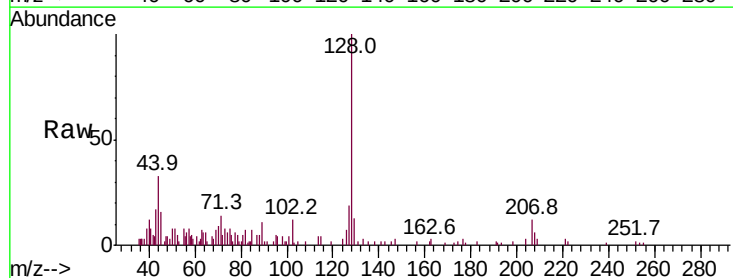
Tgt Ion:128 Resp: 7017

Ion Ratio Lower Upper

128 100

127 16.8 10.2 15.2#

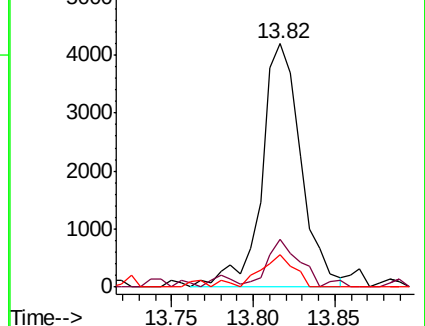
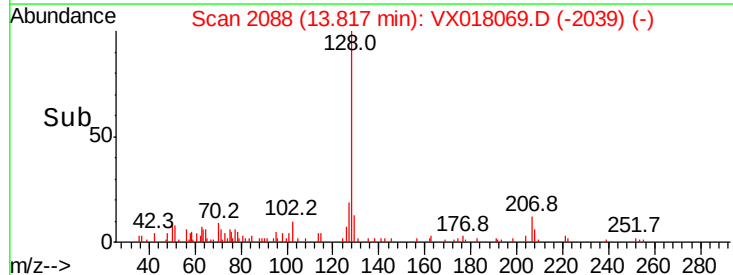
129 12.0 8.7 13.1

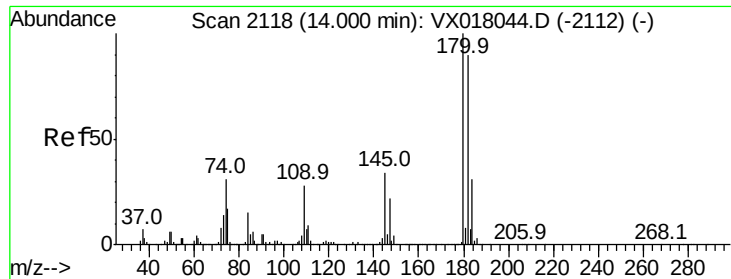


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

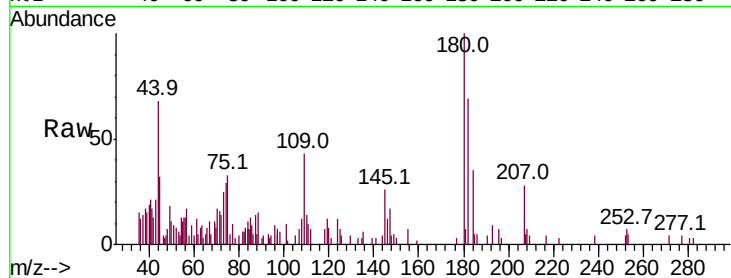




#96
 1,2,3-Trichlorobenzene
 Concen: 0.452 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018069.D
 Acq: 26 Aug 2020 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131195TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	83.4	47.3	142.0
145	28.6	17.5	52.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

