

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018235.D
 Acq On : 03 Sep 2020 15:21
 Operator : JC/SP
 Sample : L3903-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902

Quant Time: Sep 04 01:21:16 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	5.64	168	481768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	784739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	736718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	356308	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	345481	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
35) Dibromofluoromethane	5.47	113	273142	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	8.70	98	953582	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.12	95	348208	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	

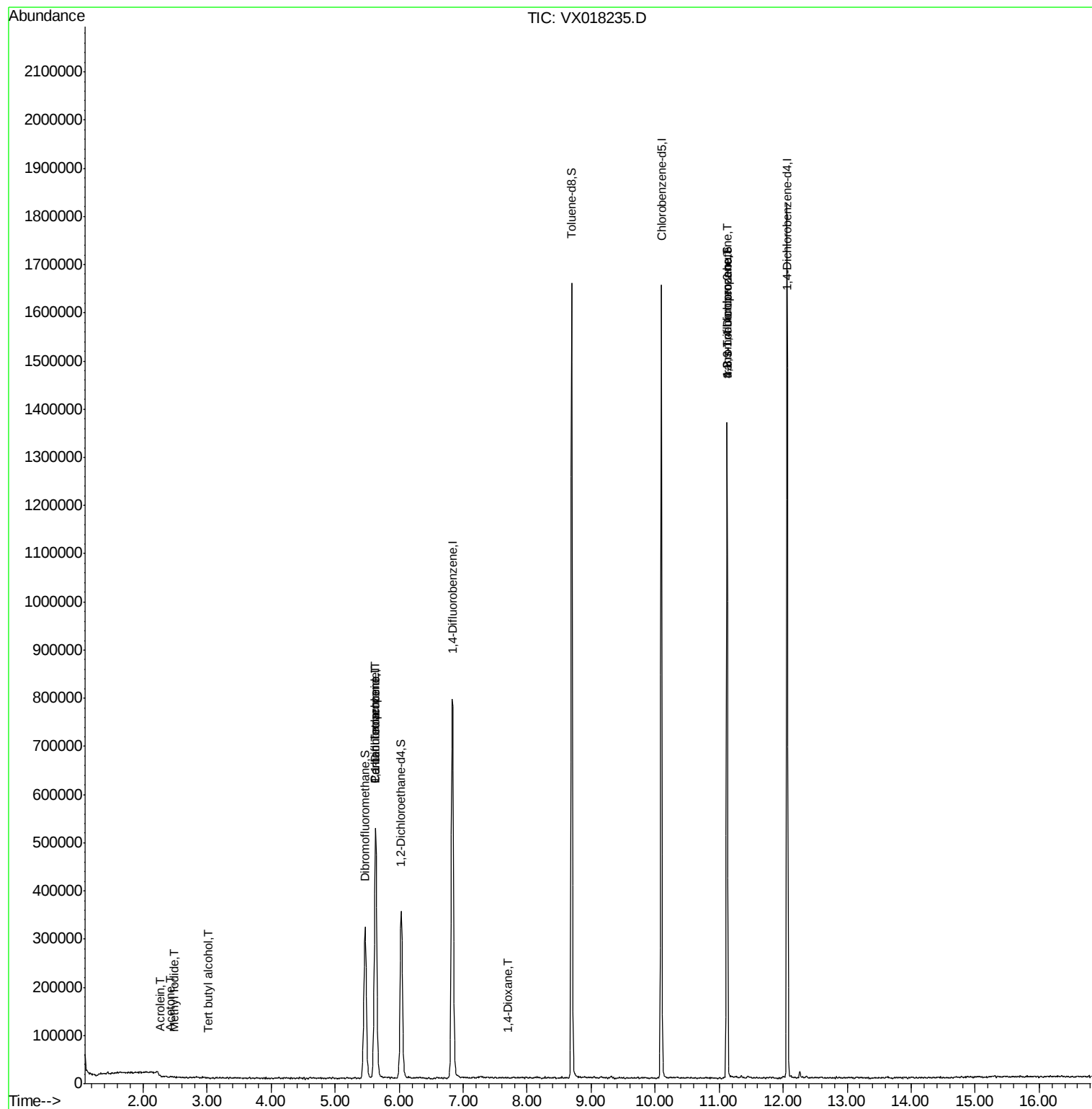
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.49	142	342	5.350	ug/l #	53
11) Tert butyl alcohol	3.01	59	331	0.255	ug/l #	1
13) Acrolein	2.28	56	132	0.245	ug/l #	14
16) Acetone	2.43	43	1709	0.656	ug/l #	43
20) Methylene Chloride	2.84	84	1058	Below Cal	#	62
36) 1,1-Dichloropropene	5.63	75	37245	5.146	ug/l #	51
38) Carbon Tetrachloride	5.63	117	49422	6.059	ug/l #	18
49) 1,4-Dioxane	7.71	88	99	0.809	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	178853	22.565	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	178853	60.944	ug/l #	12

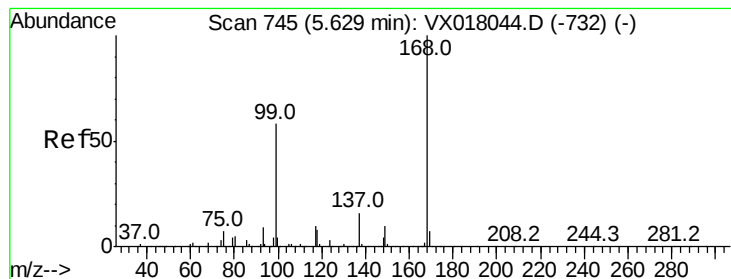
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090320\
Data File : VX018235.D
Acq On : 03 Sep 2020 15:21
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Sample : L3903-05
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SA-PZ123S-20200902

Quant Time: Sep 04 01:21:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

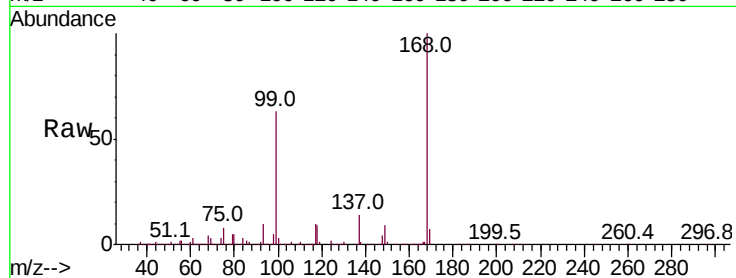
SA-PZ123S-20200902

Tot Ion:168 Resp: 481768

Ion Ratio Lower Upper

168 100

99 62.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

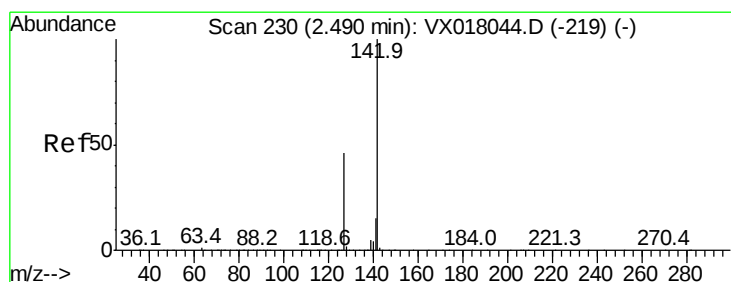
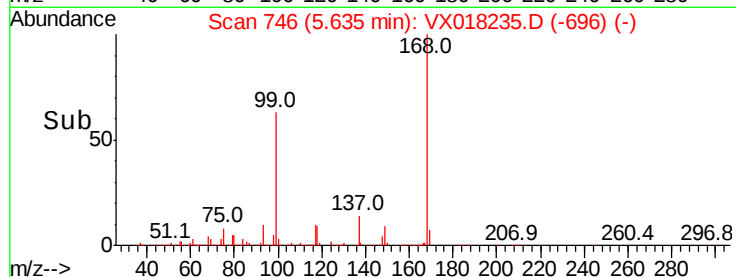
50000

0

5.50 5.60 5.70 5.80

5.64

Time-->



#10

Methyl Iodide

Concen: 5.350 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

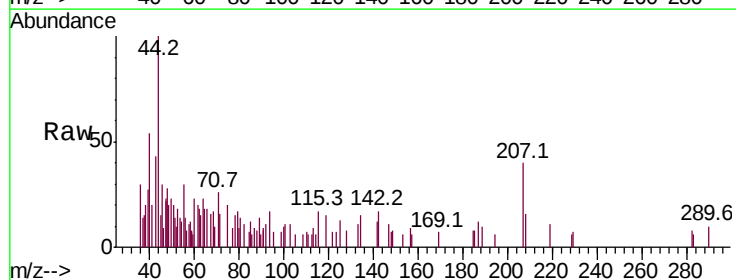
Tgt Ion:142 Resp: 342

Ion Ratio Lower Upper

142 100

127 67.5 37.0 55.6#

141 52.6 11.5 17.3#



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

300

200

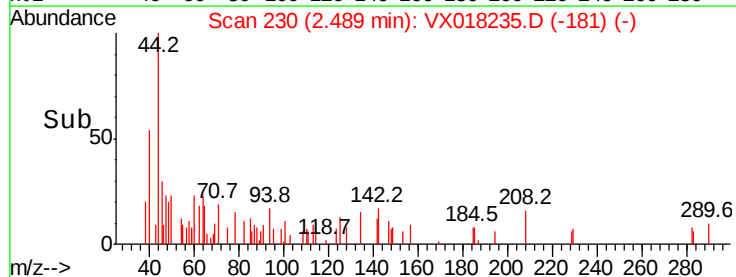
100

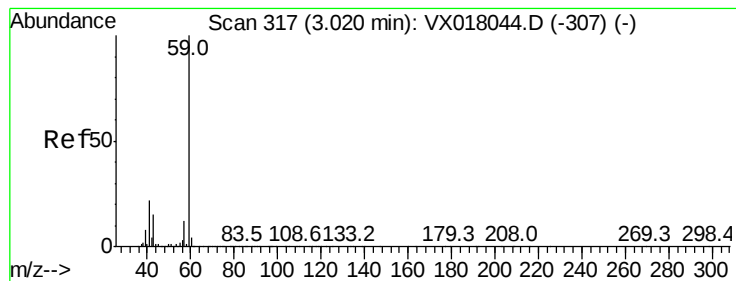
0

2.46 2.48 2.50 2.52

2.49

Time-->



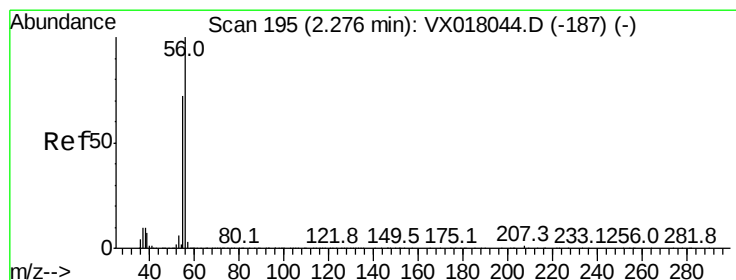
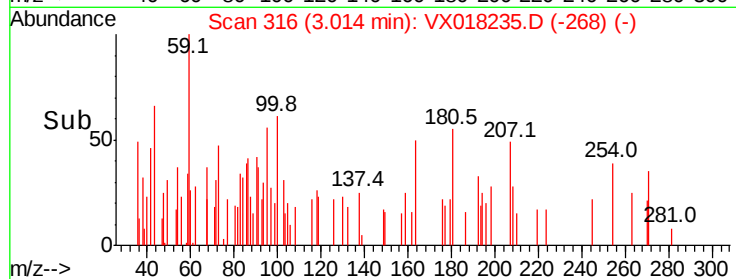
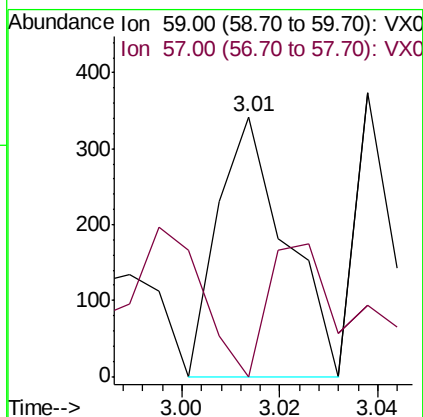
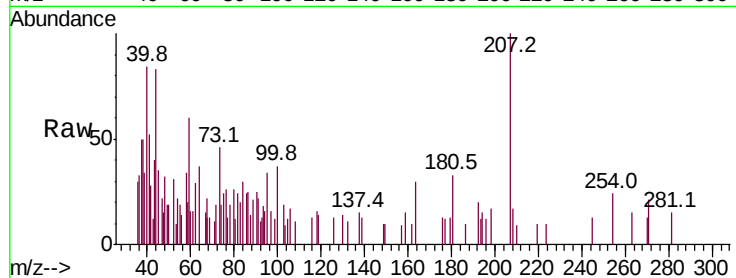


#11

Tert butyl alcohol
Concen: 0.255 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018235.D
Acq: 03 Sep 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902

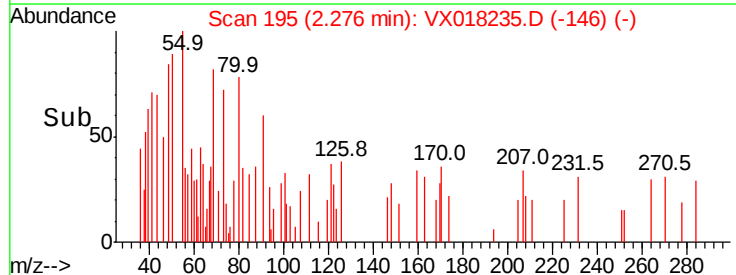
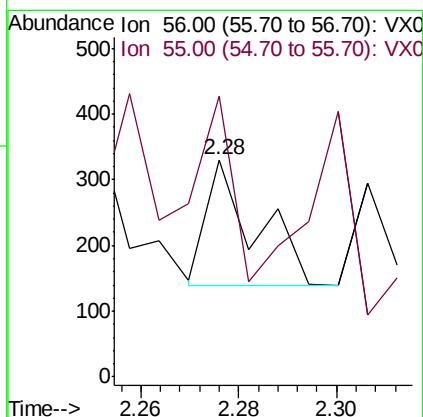
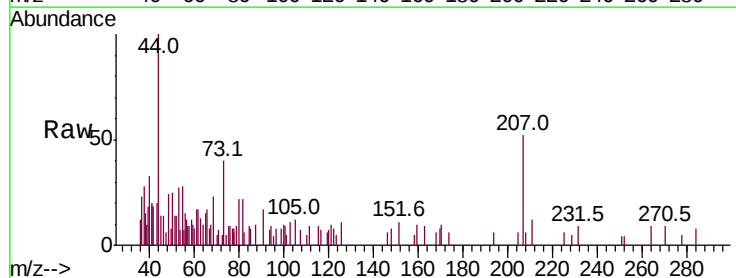
Tot Ion: 59 Resp: 331
Ion Ratio Lower Upper
59 100
57 61.3 8.9 13.3#

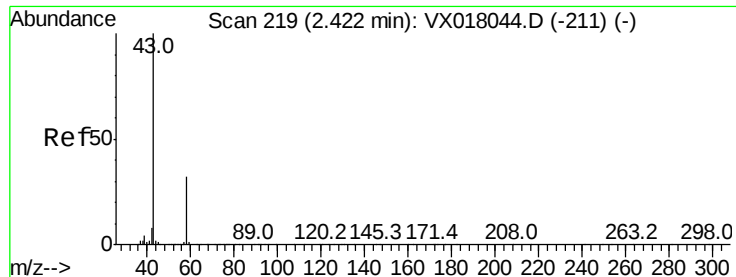


#13

Acrolein
Concen: 0.245 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018235.D
Acq: 03 Sep 2020 15:21

Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#

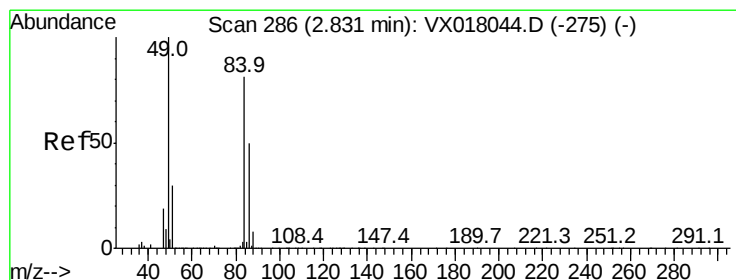
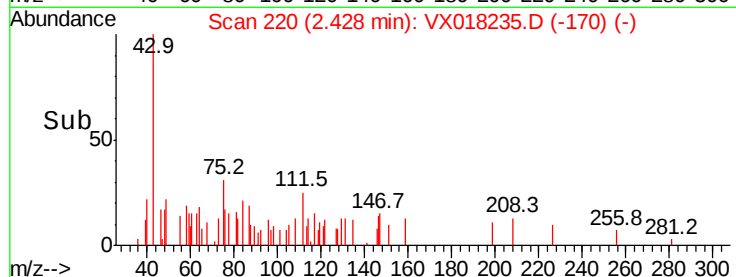
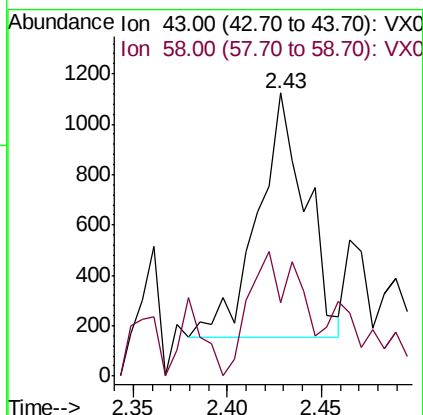
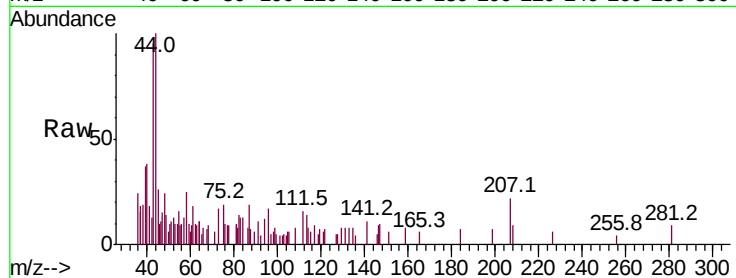




#16
Acetone
Concen: 0.656 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX018235.D
Acq: 03 Sep 2020 15:21

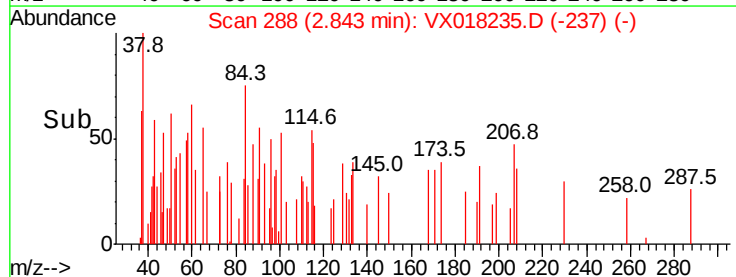
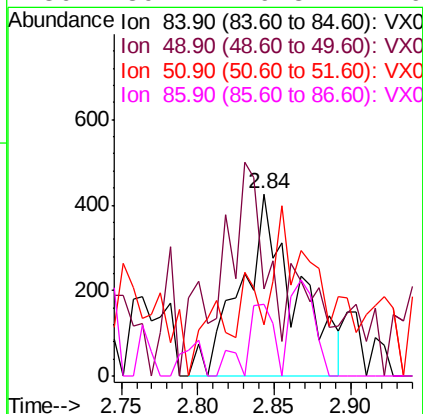
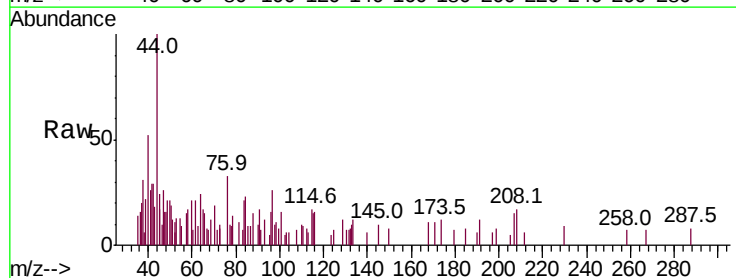
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902

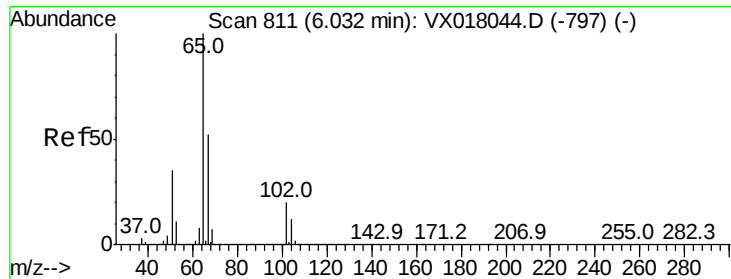
Tot Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018235.D
Acq: 03 Sep 2020 15:21

Tgt Ion: 84 Resp: 1058
Ion Ratio Lower Upper
84 100
49 68.5 98.6 148.0#
51 28.2 29.6 44.4#
86 39.7 49.8 74.6#

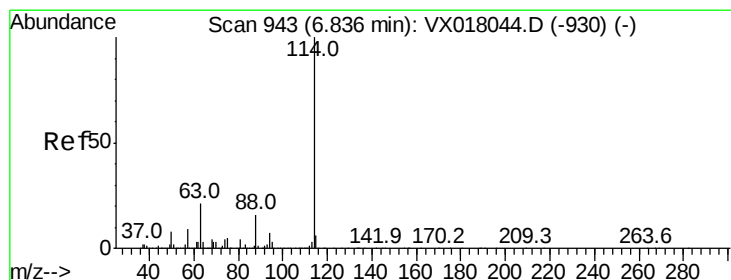
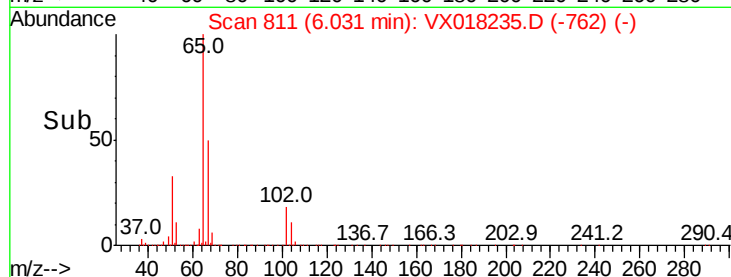
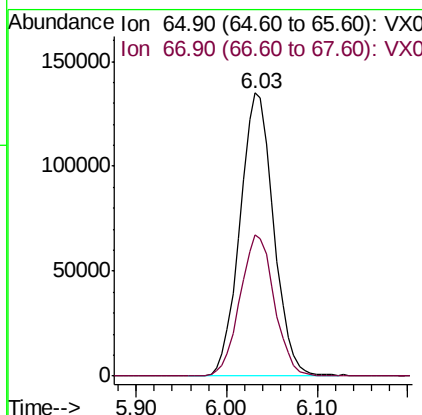
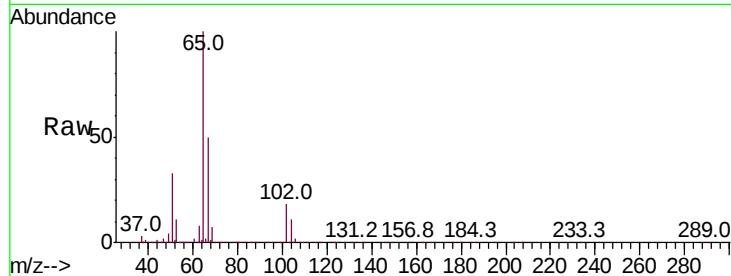




#33
 1,2-Dichloroethane-d4
 Concen: 51.656 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018235.D
 Acq: 03 Sep 2020 15:21

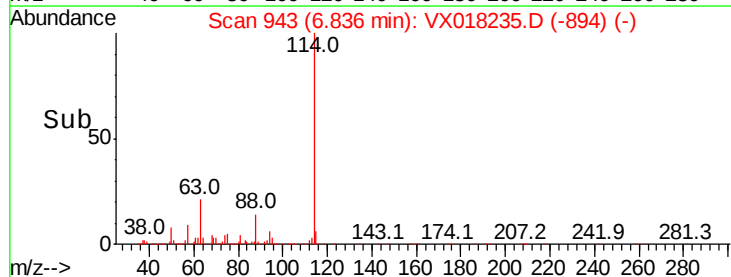
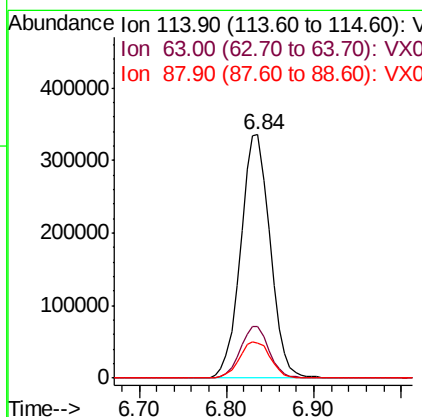
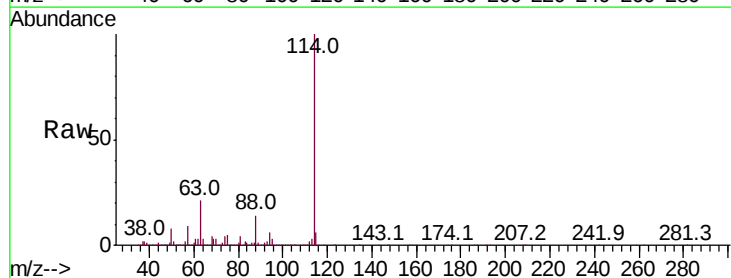
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902

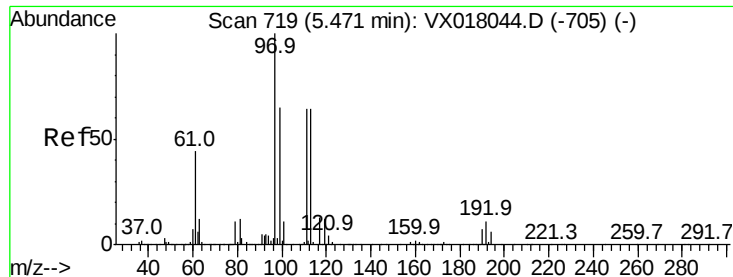
Tot Ion: 65 Resp: 345481
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018235.D
 Acq: 03 Sep 2020 15:21

Tgt Ion: 114 Resp: 784739
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 14.5 0.0 31.8

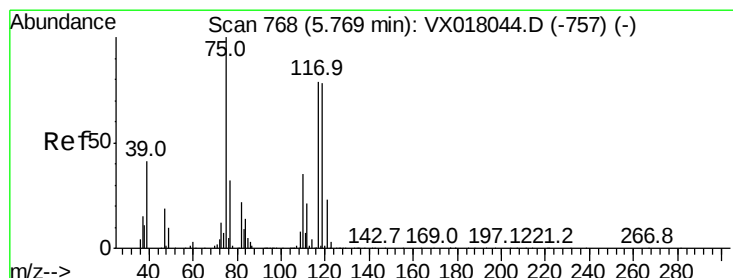
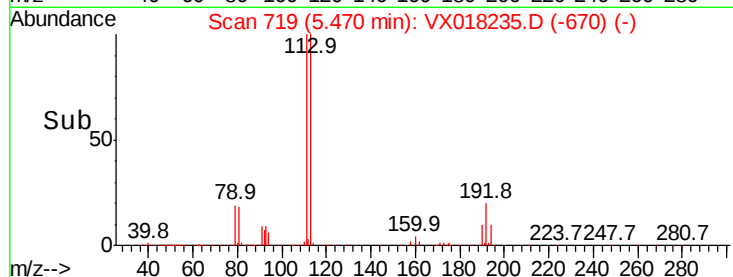
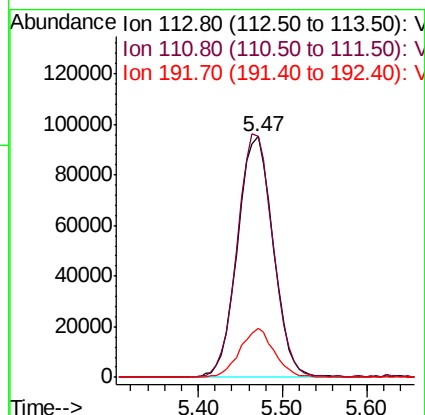
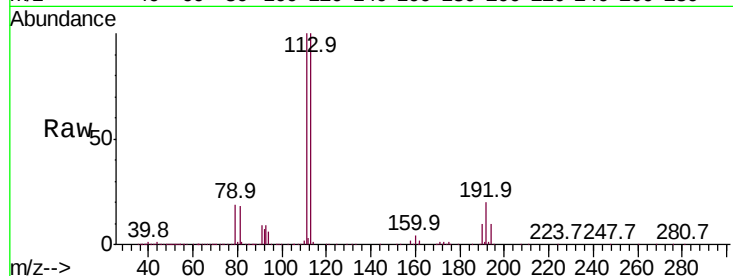




#35
 Dibromofluoromethane
 Concen: 51.108 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018235.D
 Acq: 03 Sep 2020 15:21

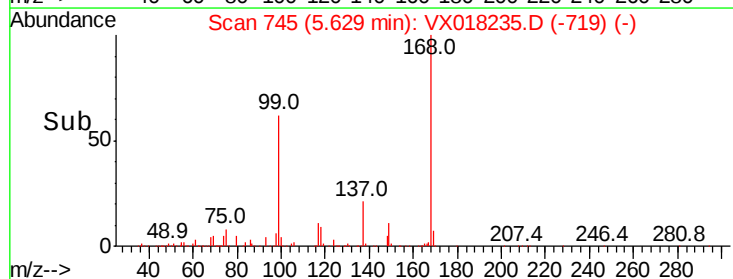
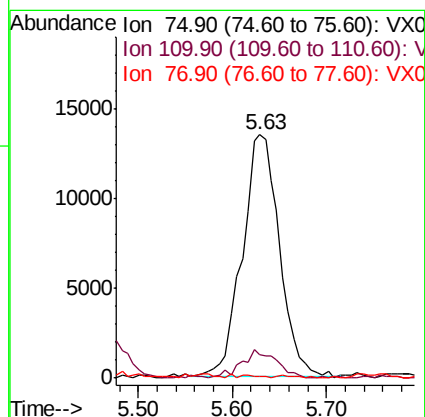
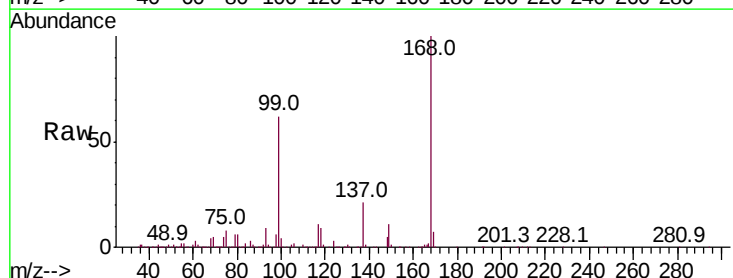
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902

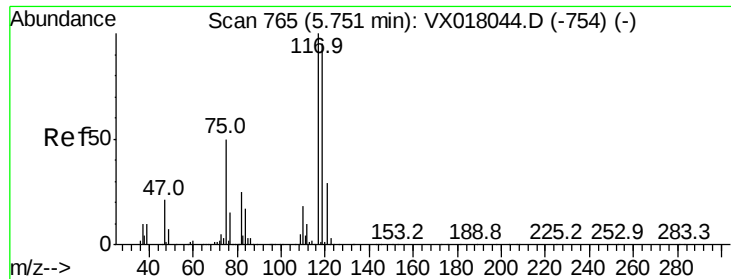
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.6	122.4
192	19.6	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.146 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018235.D
 Acq: 03 Sep 2020 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.0	54.0#
77	0.0	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 6.059 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902

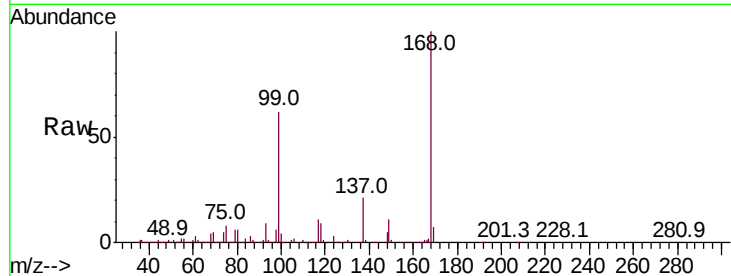
Tot Ion:117 Resp: 49422

Ion Ratio Lower Upper

117 100

119 7.0 75.8 113.6#

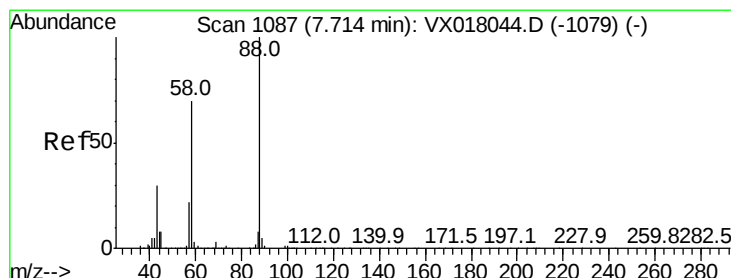
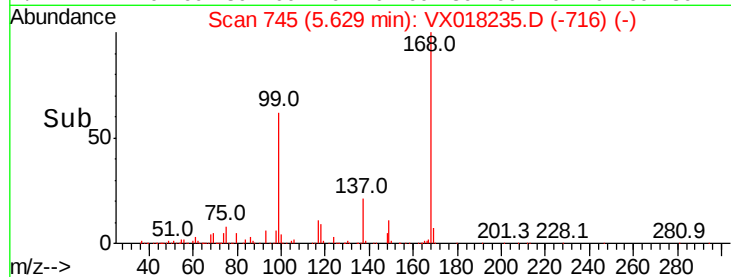
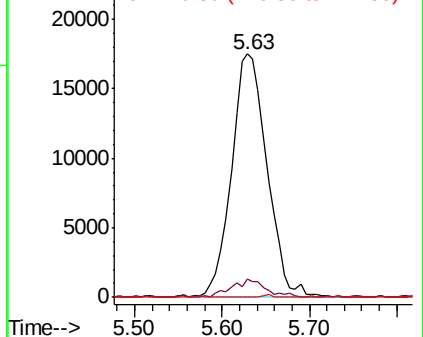
121 0.5 23.4 35.0#



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



#49

1,4-Dioxane

Concen: 0.809 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

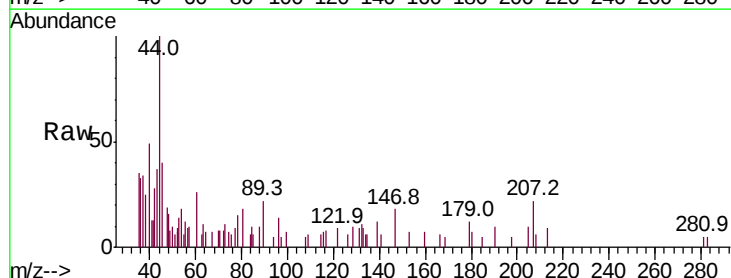
Tgt Ion: 88 Resp: 99

Ion Ratio Lower Upper

88 100

43 420.2 27.4 41.0#

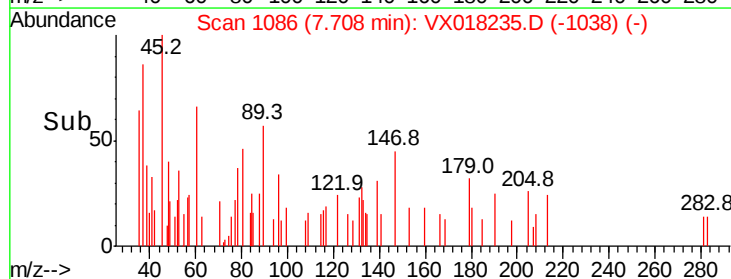
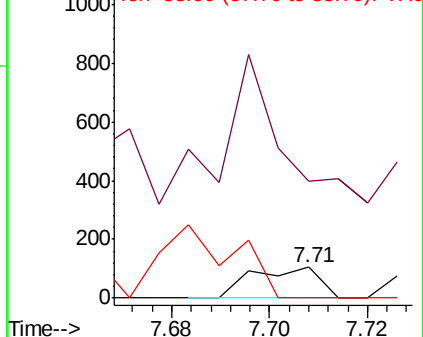
58 0.0 56.4 84.6#

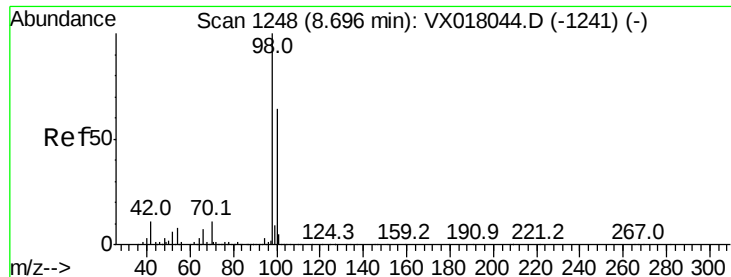


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.905 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

Instrument :

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ClientSampleId :

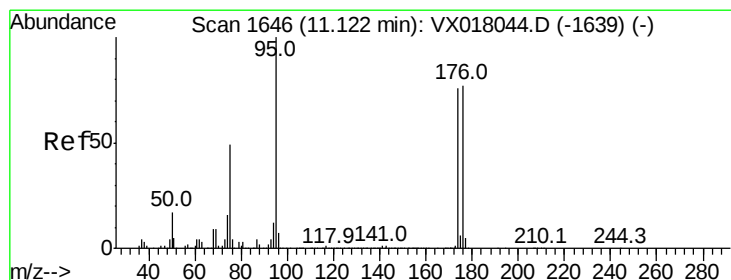
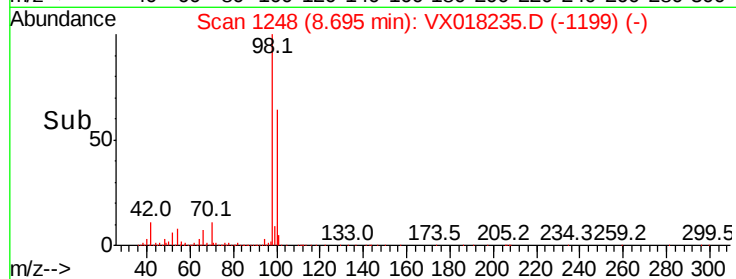
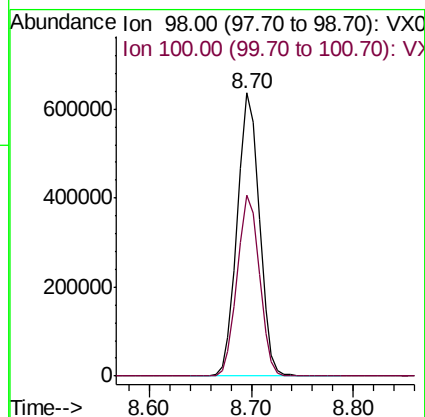
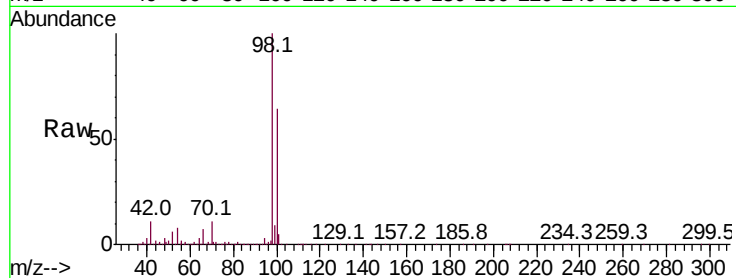
SA-PZ123S-20200902

Tot Ion: 98 Resp: 953582

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.461 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

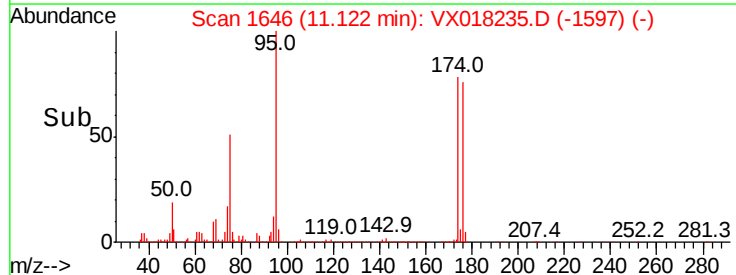
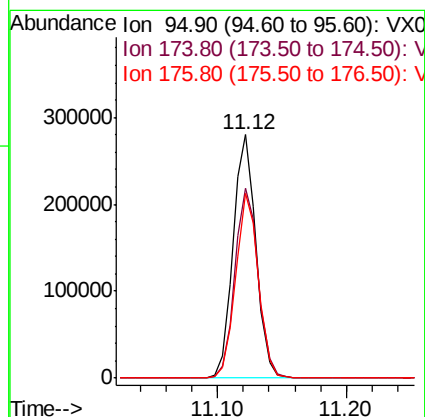
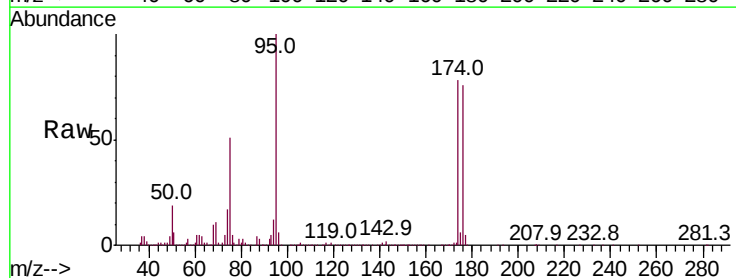
Tgt Ion: 95 Resp: 348208

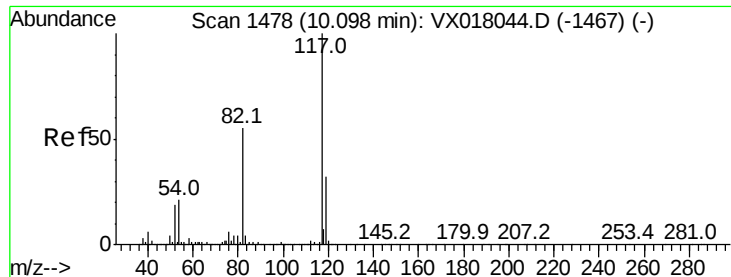
Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.2

176 75.4 0.0 155.8

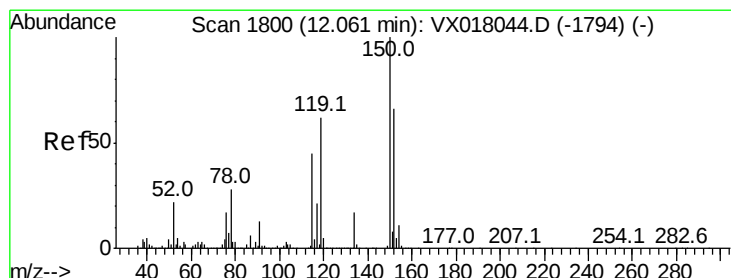
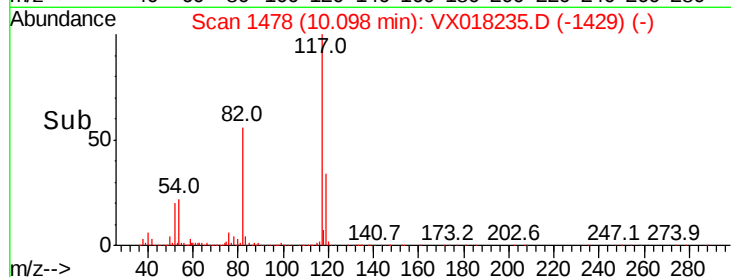
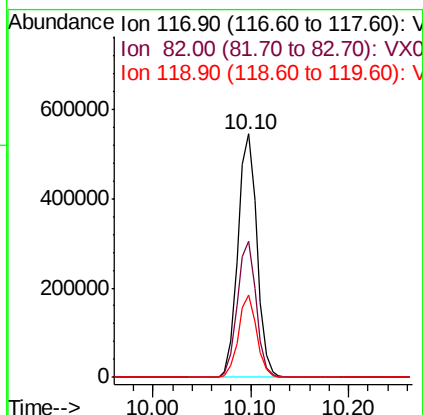
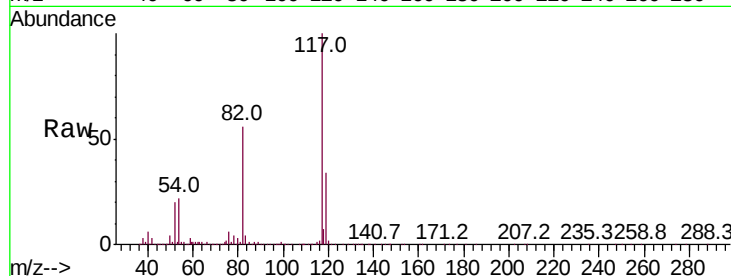




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018235.D
Acq: 03 Sep 2020 15:21

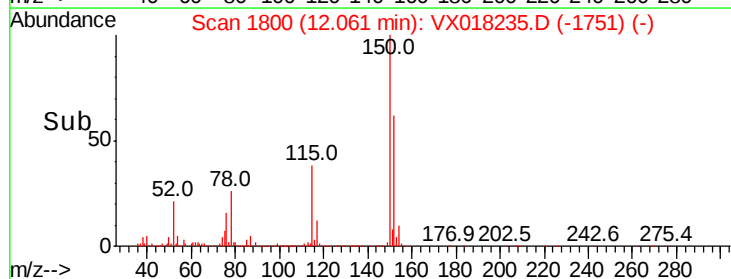
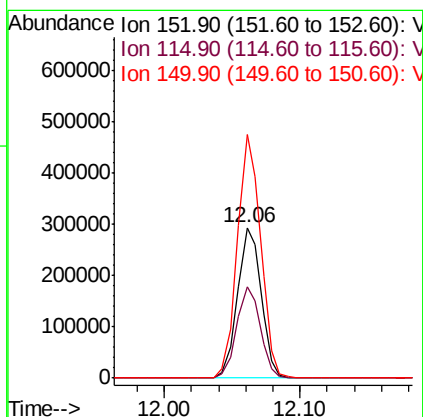
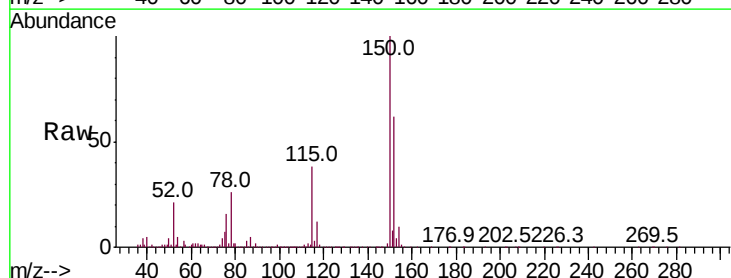
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902

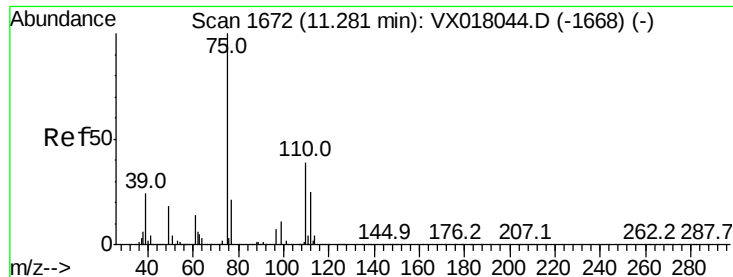
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.2	66.2
119	33.6	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018235.D
Acq: 03 Sep 2020 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.5	124.5
150	159.1	0.0	343.8





#76

1,2,3-Trichloropropane

Concen: 22.565 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

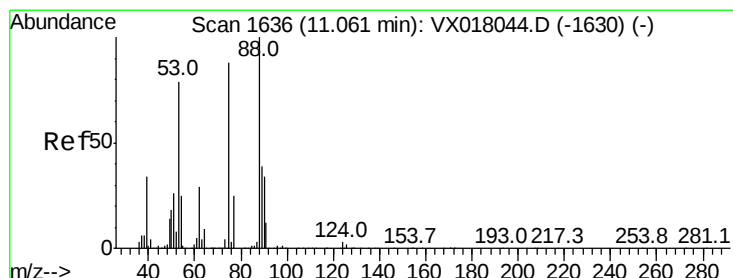
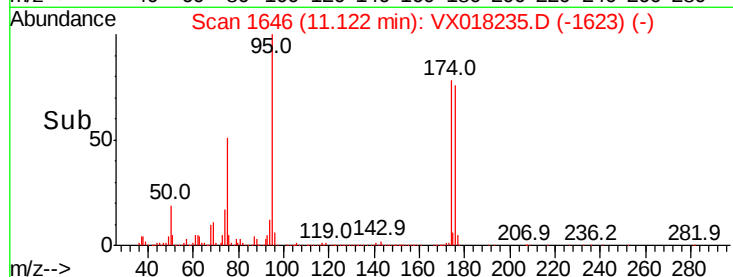
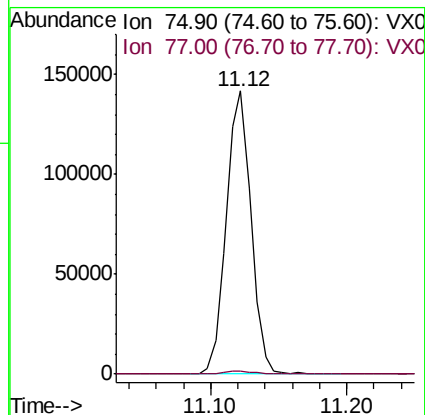
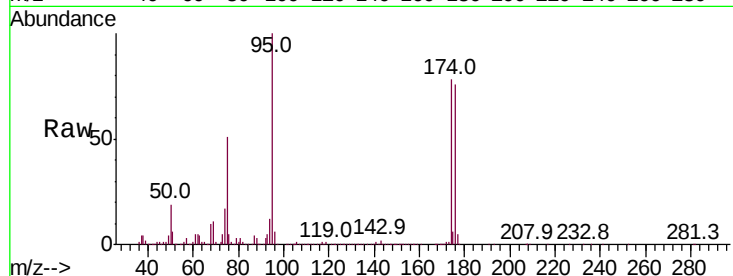
SA-PZ123S-20200902

Tot Ion: 75 Resp: 178853

Ion Ratio Lower Upper

75 100

77 1.4 20.8 62.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.944 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018235.D

Acq: 03 Sep 2020 15:21

Tgt Ion: 75 Resp: 178853

Ion Ratio Lower Upper

75 100

53 0.4 74.7 112.1#

89 0.2 36.6 54.8#

