

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018122.D
 Acq On : 28 Aug 2020 15:53
 Operator : JC/SP
 Sample : L3828-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW

Quant Time: Aug 29 03:06:35 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	552075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	910861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	869633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	406823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	375810	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.47	113	305835	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	8.70	98	1095463	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.12	95	438007	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
10) Methyl Iodide	2.50	142	226	5.323	ug/l #	4
11) Tert butyl alcohol	3.02	59	77520	52.020	ug/l	99
13) Acrolein	2.28	56	733	1.186	ug/l	92
14) Allyl chloride	2.70	41	2654	0.274	ug/l #	41
16) Acetone	2.42	43	91505	30.640	ug/l	100
17) Carbon Disulfide	2.55	76	4400	0.270	ug/l #	86
18) Methyl Acetate	2.76	43	1830	0.254	ug/l #	89
20) Methylene Chloride	2.84	84	4833	Below Cal	#	83
25) 2-Butanone	4.64	43	20087	4.093	ug/l	93
29) Tetrahydrofuran	5.10	42	806	0.258	ug/l #	56
30) Chloroform	5.18	83	107880	9.567	ug/l	96
31) Cyclohexane	5.63	56	12901	1.406	ug/l #	32
36) 1,1-Dichloropropene	5.62	75	41818	4.978	ug/l #	52
38) Carbon Tetrachloride	5.64	117	57243	6.046	ug/l #	17
39) Methylcyclohexane	7.44	83	2136	0.233	ug/l	99
40) Benzene	6.12	78	18800	0.762	ug/l	94
47) Bromodichloromethane	7.88	83	2680	0.287	ug/l #	77
49) 1,4-Dioxane	7.72	88	211	1.485	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2626	0.270	ug/l	98
52) Toluene	8.77	92	4768	0.305	ug/l	91
59) 2-Hexanone	9.48	43	1647	0.222	ug/l	97
65) Chlorobenzene	10.23	112	5013	0.289	ug/l #	43
67) Ethyl Benzene	10.24	91	15225	0.515	ug/l	92
68) m/p-Xylenes	10.34	106	6031	0.547	ug/l	98
69) o-Xylene	10.68	106	3979	0.372	ug/l	93
74) N-amyl acetate	10.90	43	6554	0.515	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	68384	7.224	ug/l #	28
76) 1,2,3-Trichloropropane	11.12	75	214119	23.660	ug/l #	38
79) 2-Chlorotoluene	11.42	91	6464	0.343	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	214119	63.901	ug/l #	16
82) 4-Chlorotoluene	11.47	91	5542	0.248	ug/l	86
84) 1,2,4-Trimethylbenzene	11.79	105	8869	0.393	ug/l	96
86) p-Isopropyltoluene	12.04	119	4739	0.208	ug/l #	30
89) n-Butylbenzene	12.35	91	36088	1.739	ug/l #	51

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

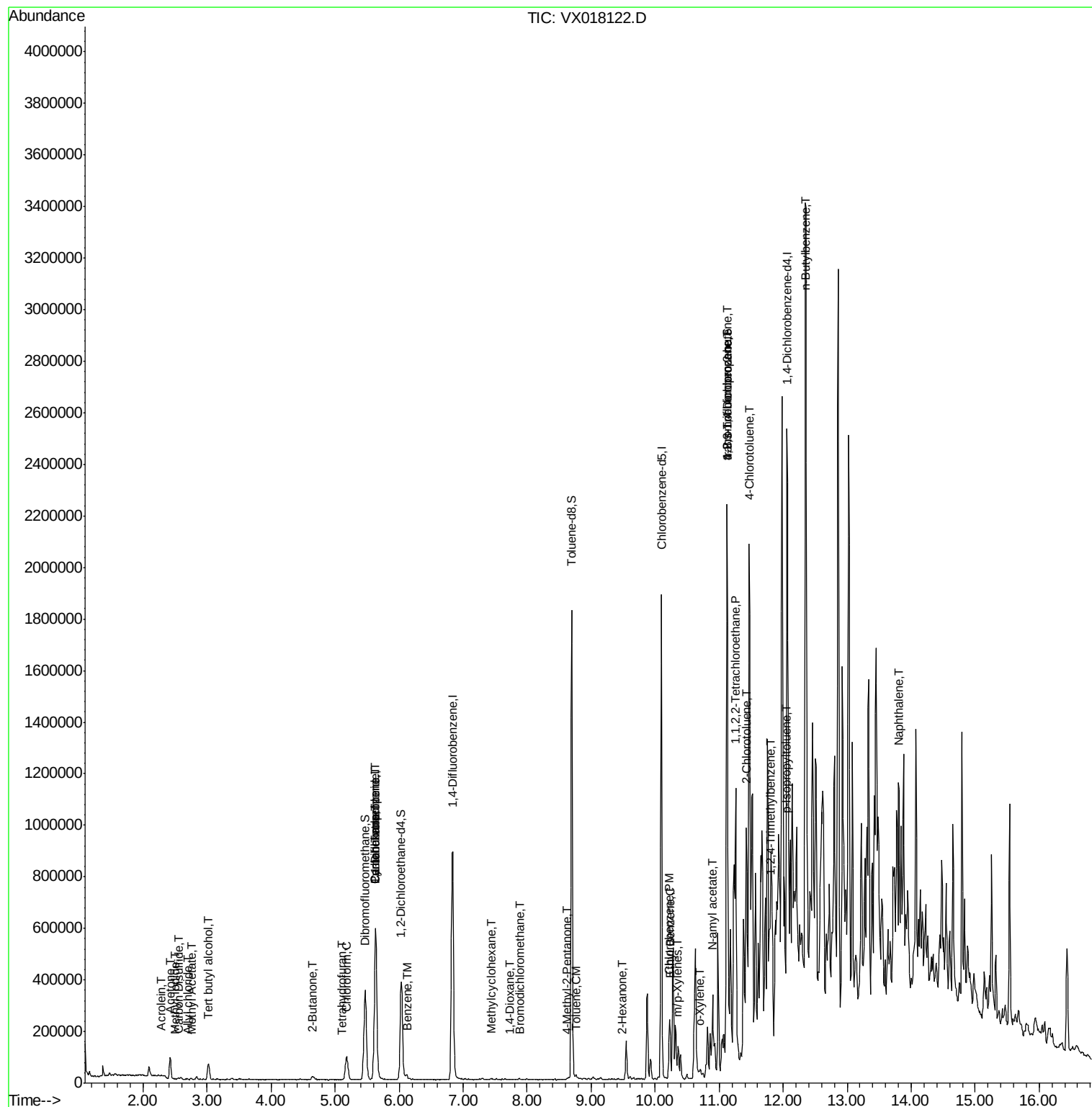
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.82	128	120248	4.470	ug/l #	96

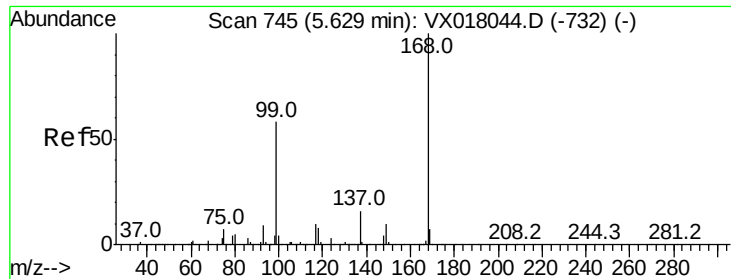
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082820\
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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: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampled :

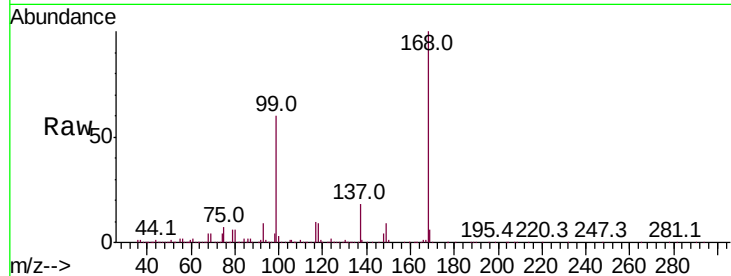
GW

Tot Ion:168 Resp: 552075

Ion Ratio Lower Upper

168 100

99 59.6 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

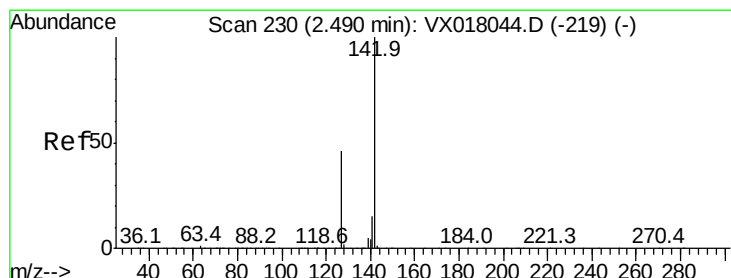
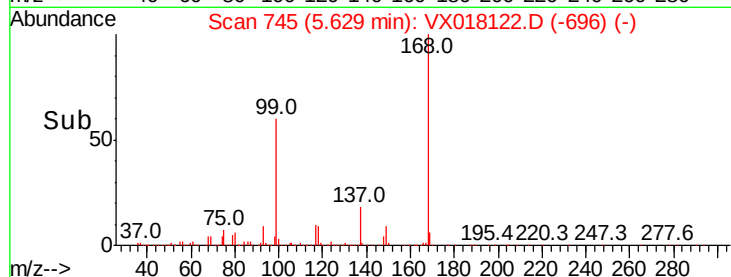
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 5.323 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

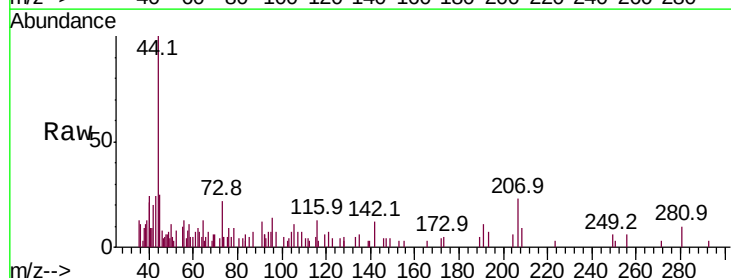
Tgt Ion:142 Resp: 226

Ion Ratio Lower Upper

142 100

127 122.1 37.0 55.6#

141 0.0 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

2.50

300

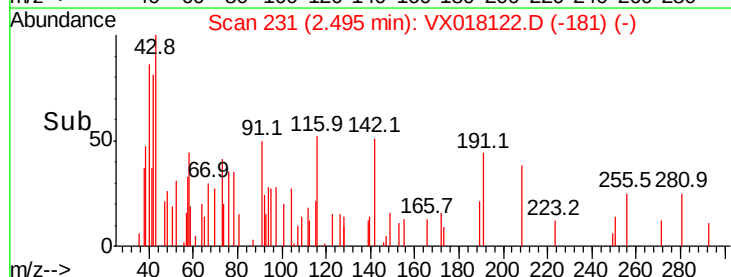
200

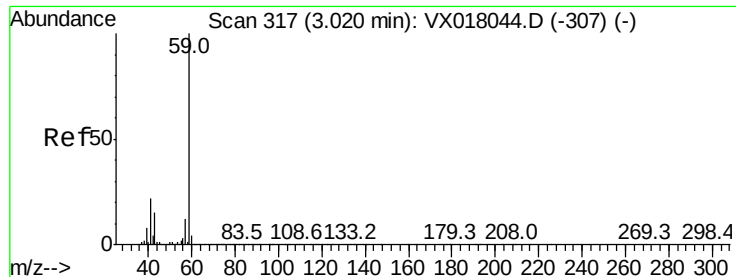
100

0

Time-->

2.46 2.48 2.50 2.52



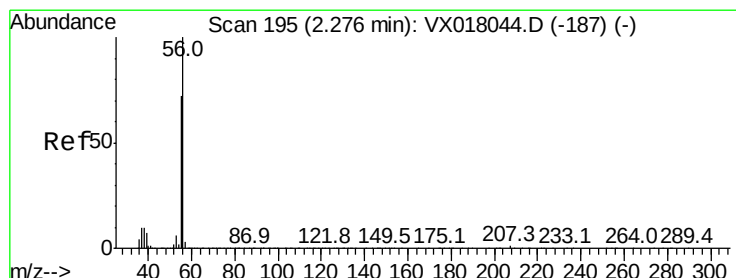
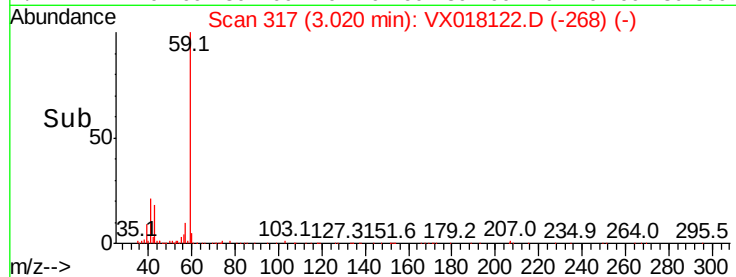
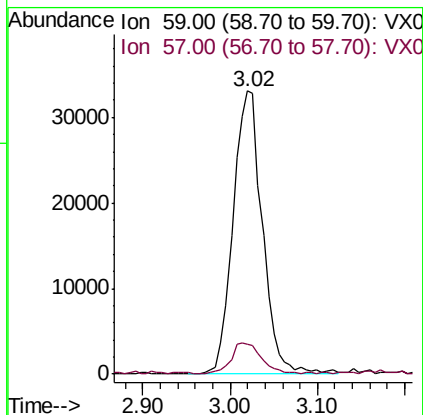
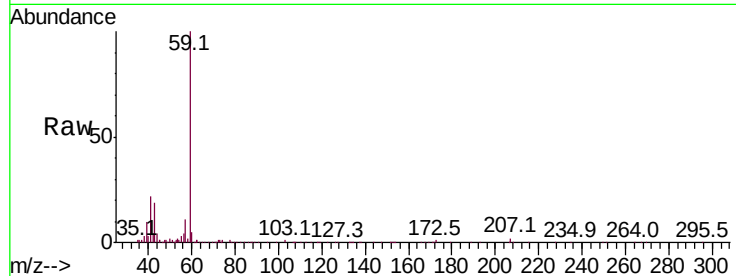


#11

Tert butyl alcohol
 Concen: 52.020 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 GW

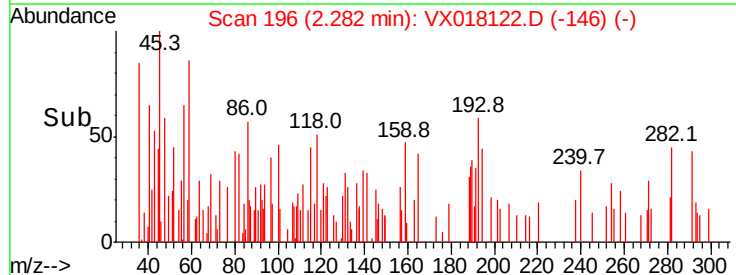
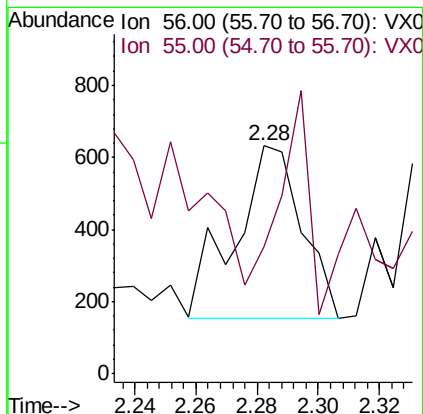
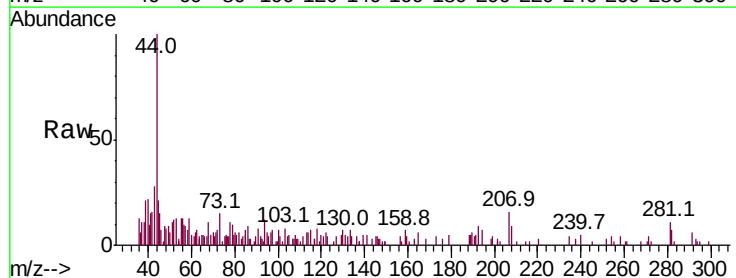
Tot Ion: 59 Resp: 77520
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.9 13.3

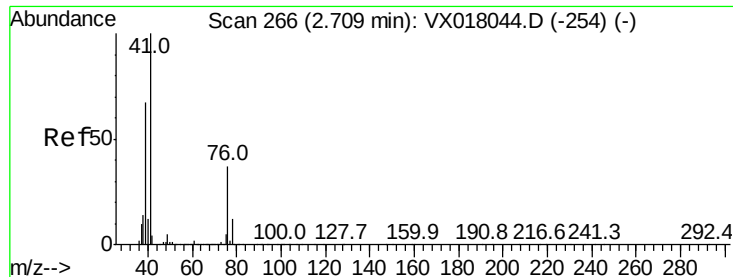


#13

Acrolein
 Concen: 1.186 ug/l
 RT: 2.28 min Scan# 196
 Delta R.T. 0.01 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

Tgt Ion: 56 Resp: 733
 Ion Ratio Lower Upper
 56 100
 55 64.8 57.0 85.6

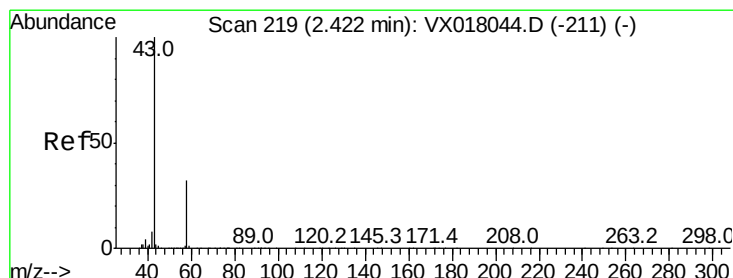
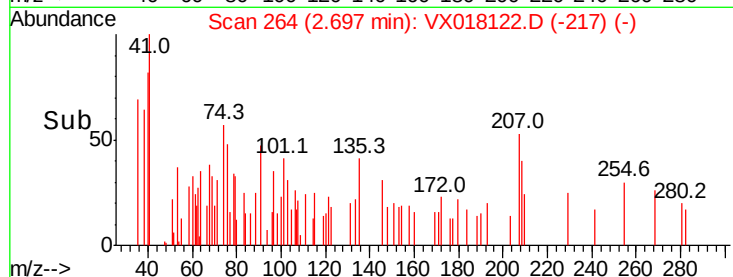
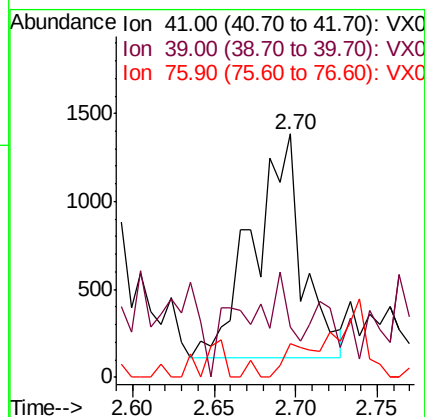
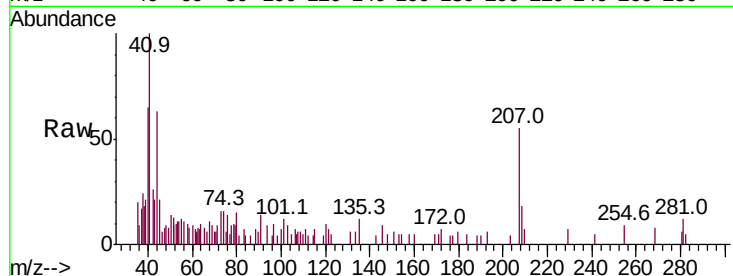




#14
Allvl chloride
Concen: 0.274 ug/l
RT: 2.70 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

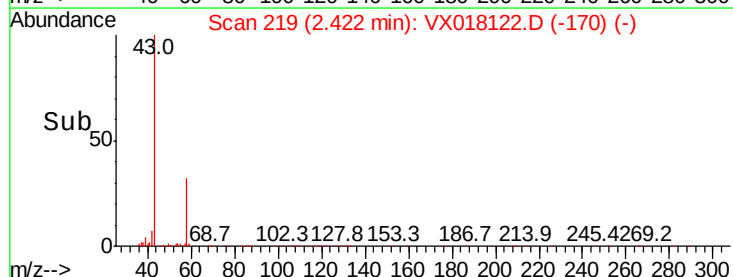
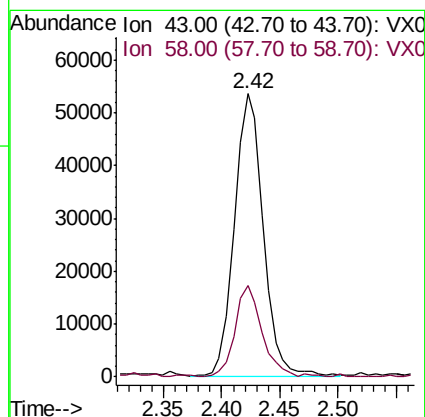
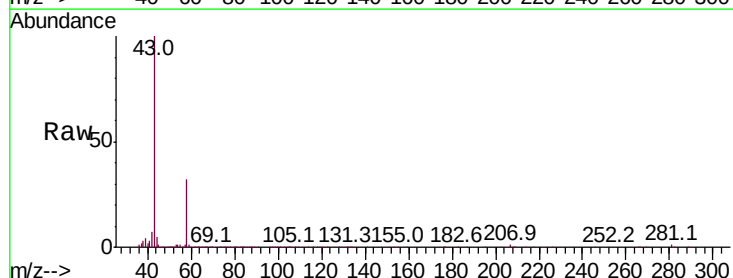
Instrument :
MSVOA_X
ClientSampled :
GW

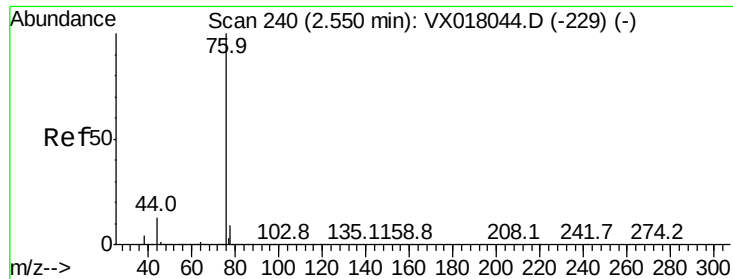
Tot Ion: 41 Resp: 2654
Ion Ratio Lower Upper
41 100
39 10.5 50.6 76.0#
76 10.0 26.2 39.2#



#16
Acetone
Concen: 30.640 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion: 43 Resp: 91505
Ion Ratio Lower Upper
43 100
58 31.8 25.5 38.3





#17

Carbon Disulfide

Concen: 0.270 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

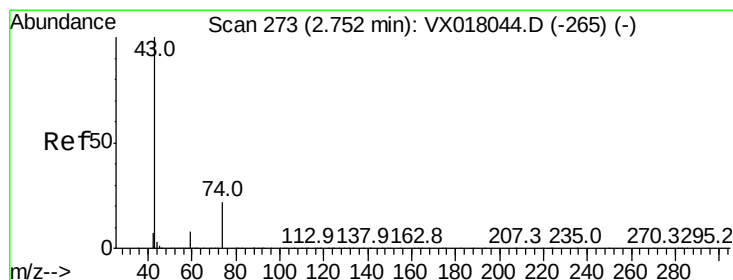
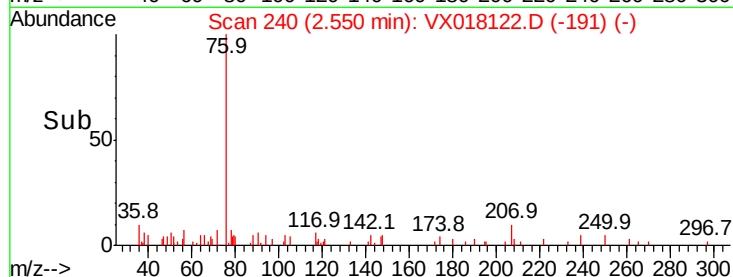
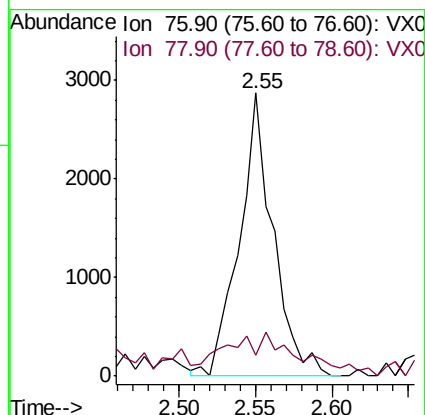
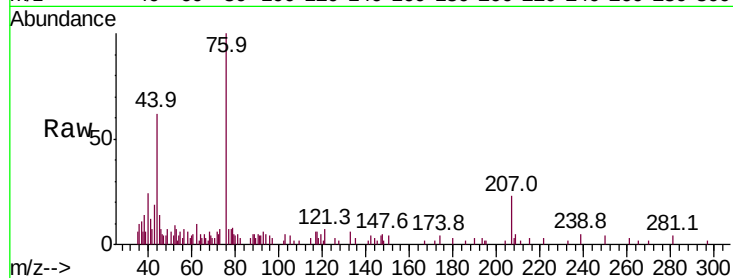
GW

Tot Ion: 76 Resp: 4400

Ion Ratio Lower Upper

76 100

78 4.1 7.4 11.0#



#18

Methyl Acetate

Concen: 0.254 ug/l

RT: 2.76 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX018122.D

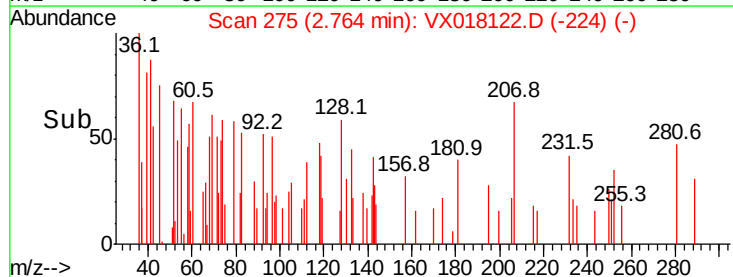
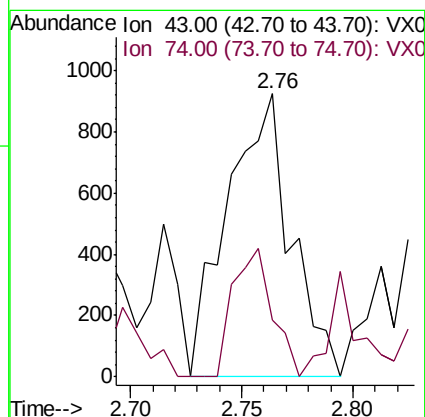
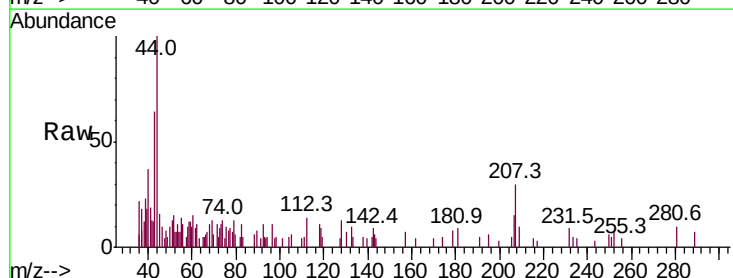
Acq: 28 Aug 2020 15:53

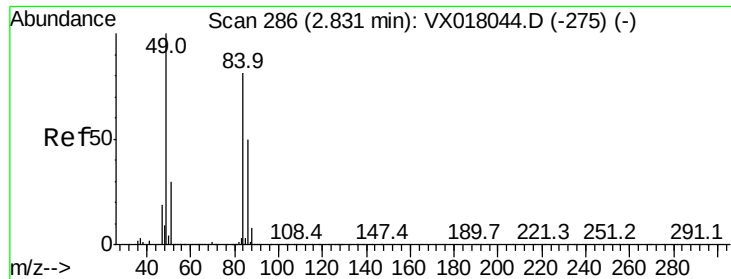
Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

74 28.1 18.2 27.4#

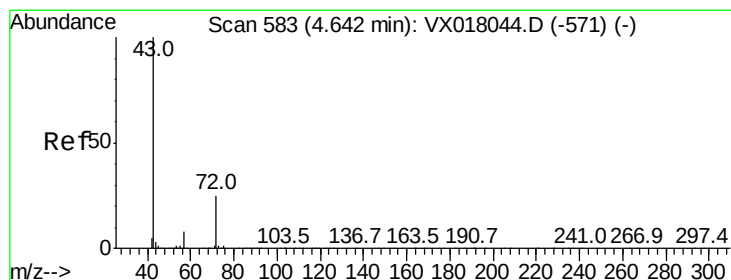
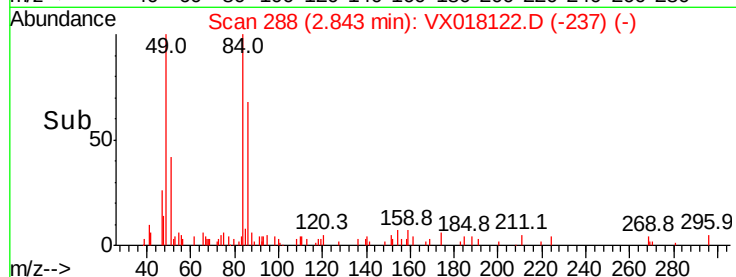
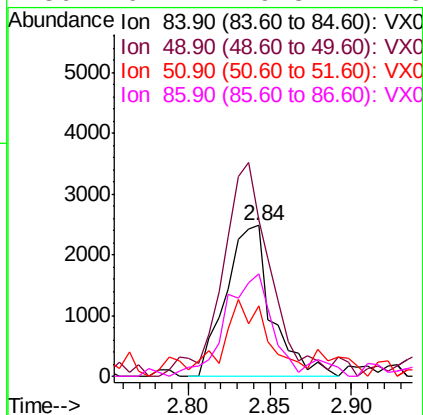
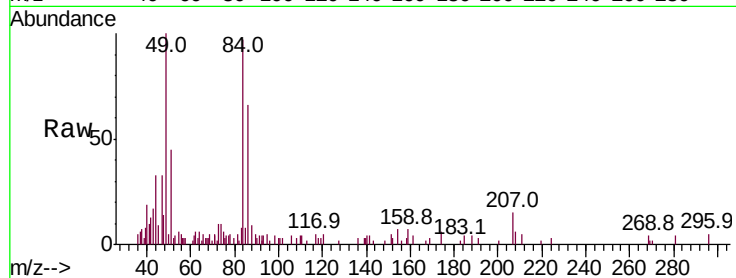




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

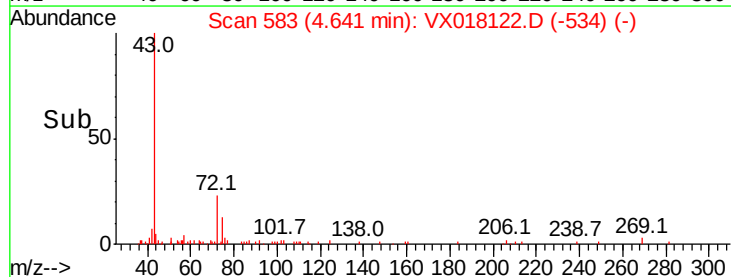
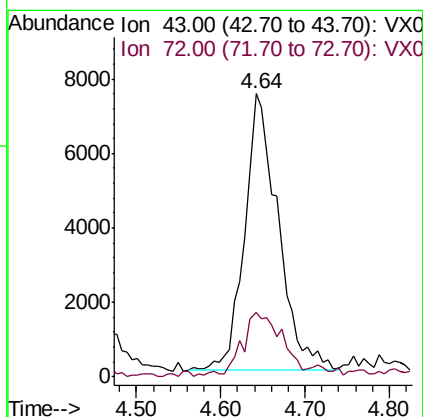
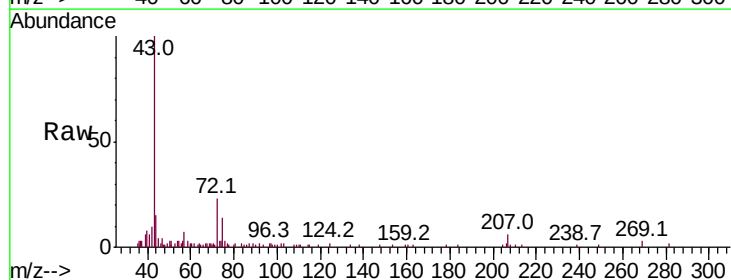
Instrument :
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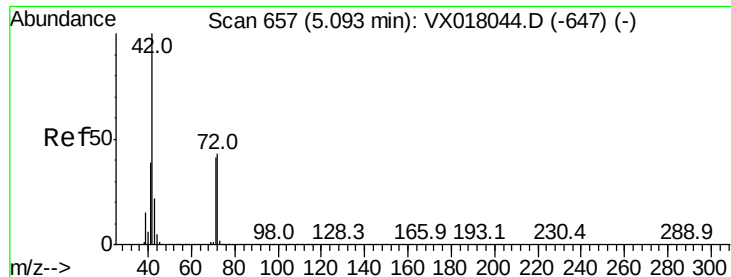
Tot Ion: 84 Resp: 4833
Ion Ratio Lower Upper
84 100
49 91.9 98.6 148.0#
51 42.8 29.6 44.4
86 62.1 49.8 74.6



#25
2-Butanone
Concen: 4.093 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion: 43 Resp: 20087
Ion Ratio Lower Upper
43 100
72 21.0 19.8 29.6





#29

Tetrahydrofuran

Concen: 0.258 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

GW

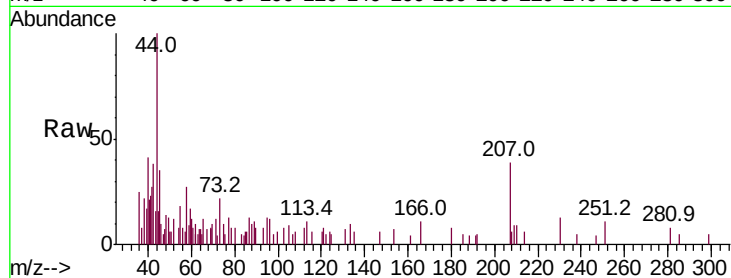
Tot Ion: 42 Resp: 806

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

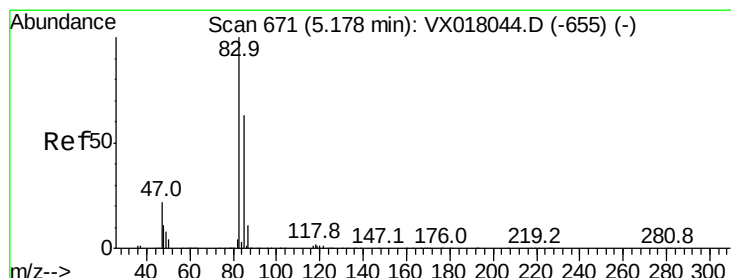
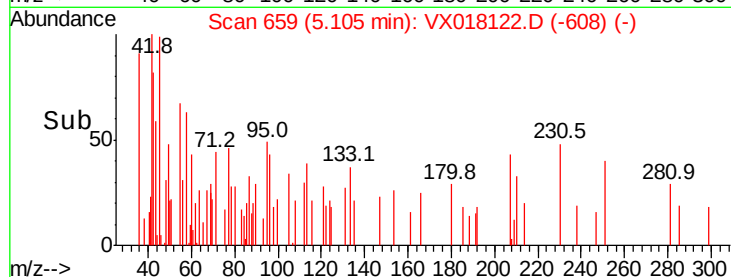
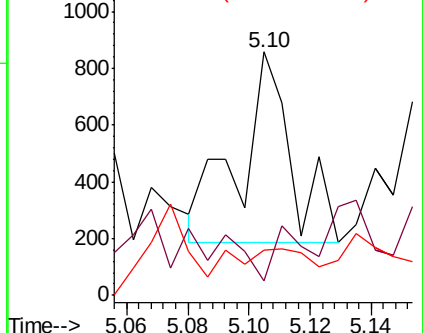
71 28.7 32.1 48.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 9.567 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX018122.D

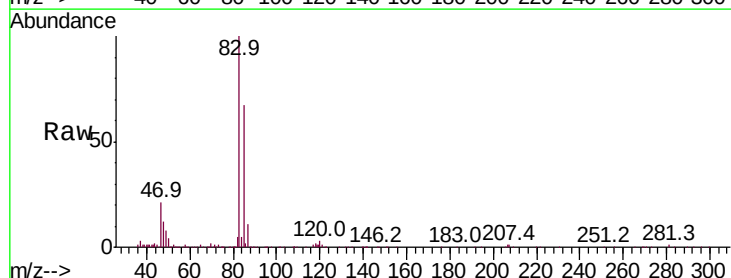
Acq: 28 Aug 2020 15:53

Tgt Ion: 83 Resp: 107880

Ion Ratio Lower Upper

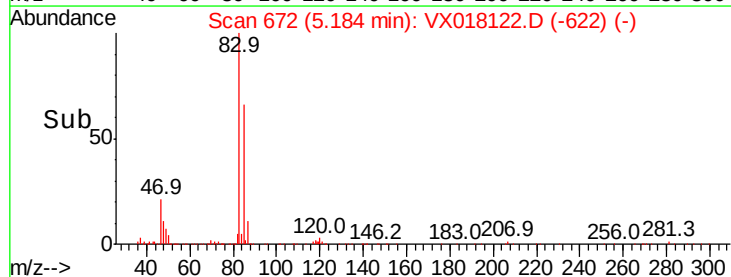
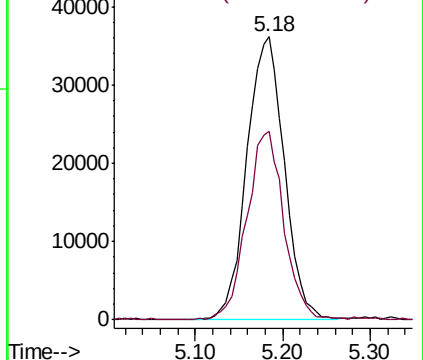
83 100

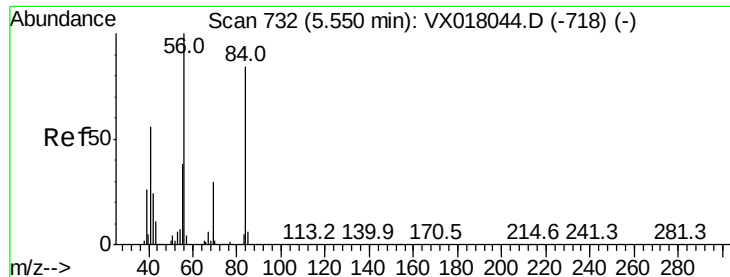
85 66.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.406 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

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ClientSampled :

GW

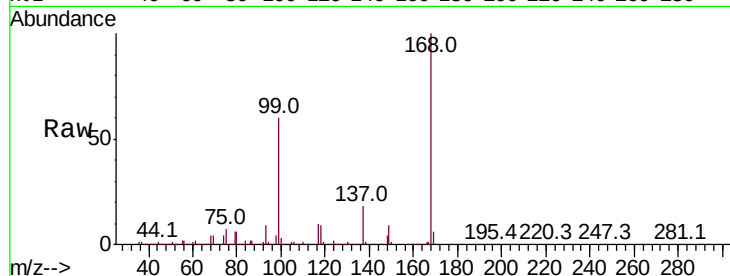
Tot Ion: 56 Resp: 12901

Ion Ratio Lower Upper

56 100

69 158.9 23.9 35.9#

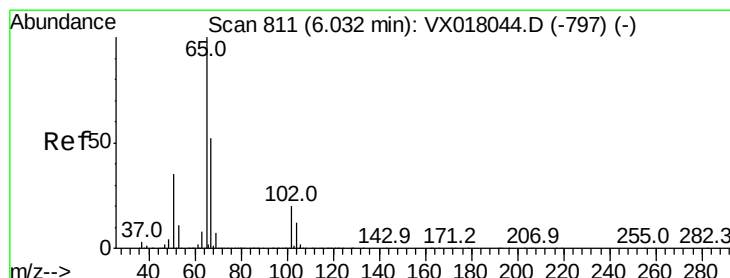
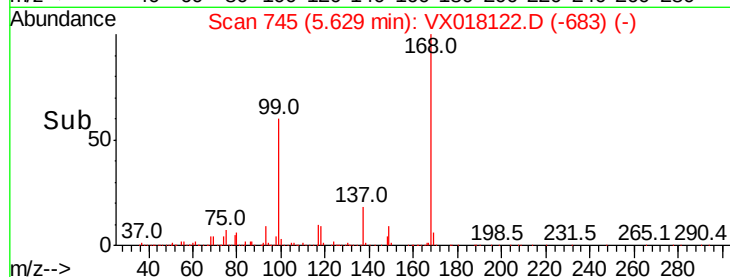
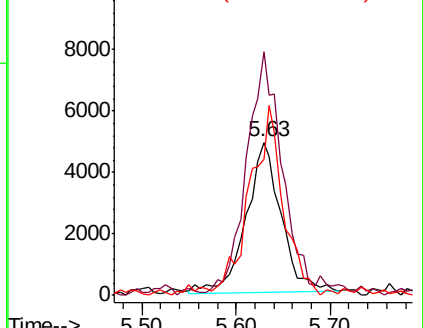
84 89.8 67.0 100.4



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: 49.034 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018122.D

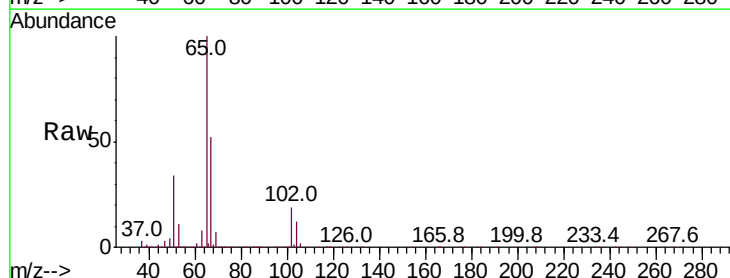
Acq: 28 Aug 2020 15:53

Tgt Ion: 65 Resp: 375810

Ion Ratio Lower Upper

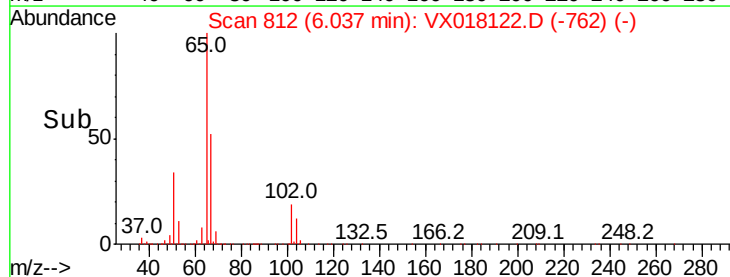
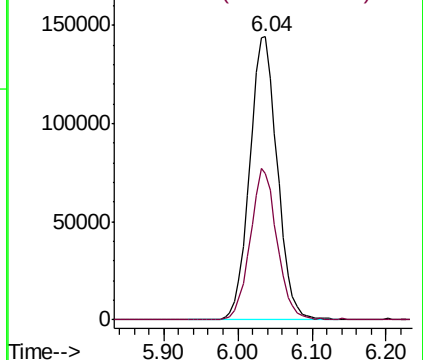
65 100

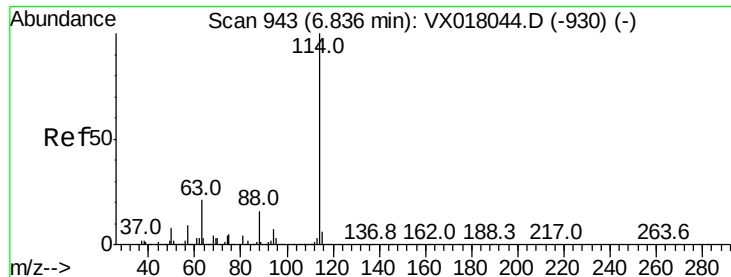
67 51.8 0.0 105.8



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: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampled :

GW

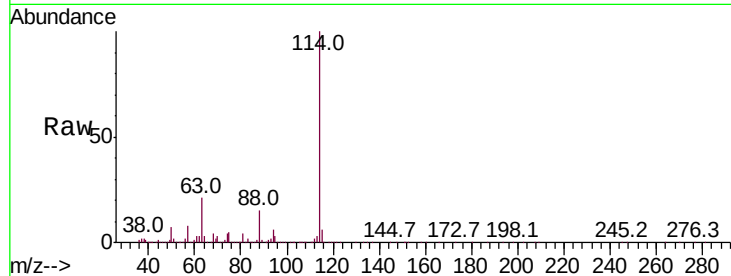
Tot Ion:114 Resp: 910861

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

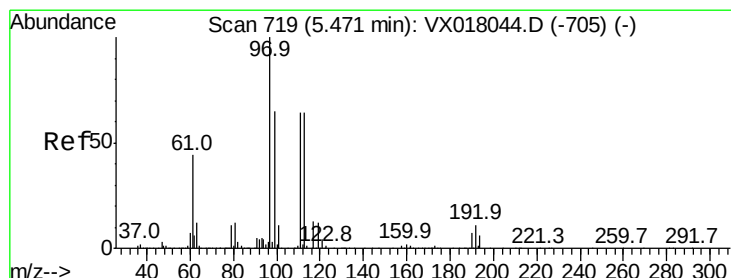
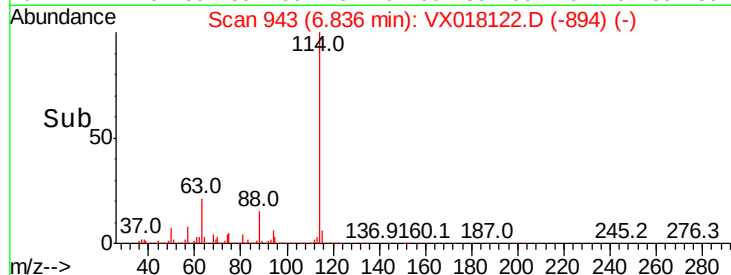
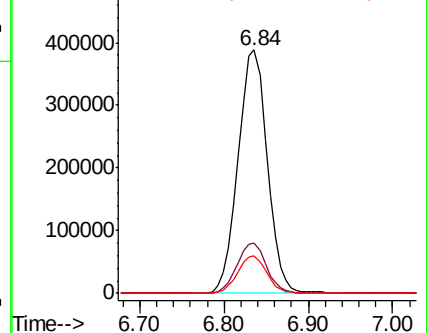
88 15.2 0.0 31.8



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: 49.301 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

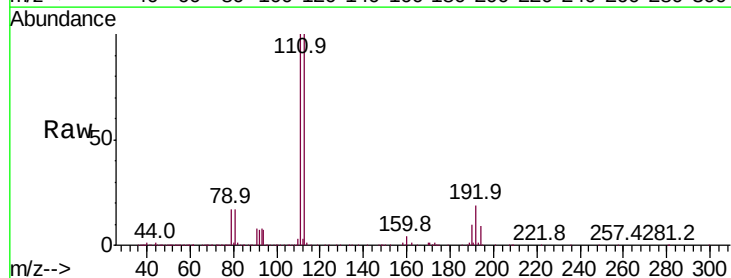
Tgt Ion:113 Resp: 305835

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

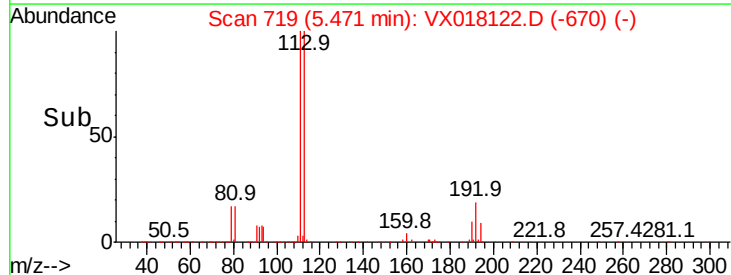
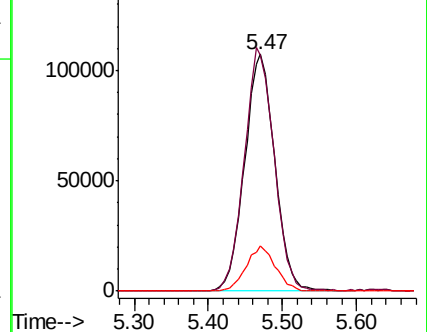
192 18.8 15.8 23.8

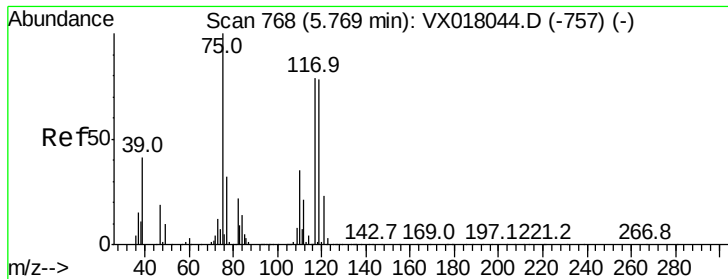


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

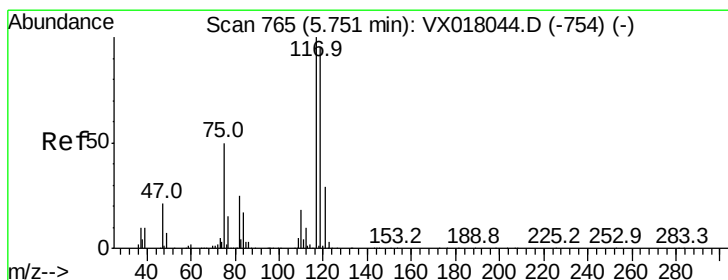
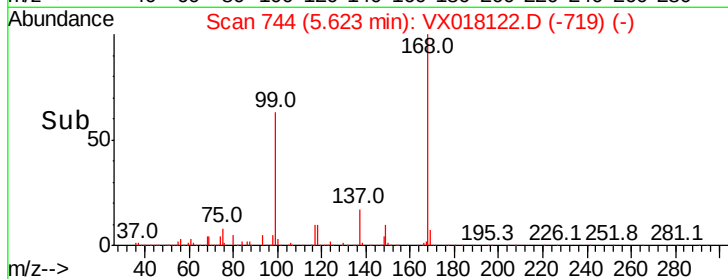
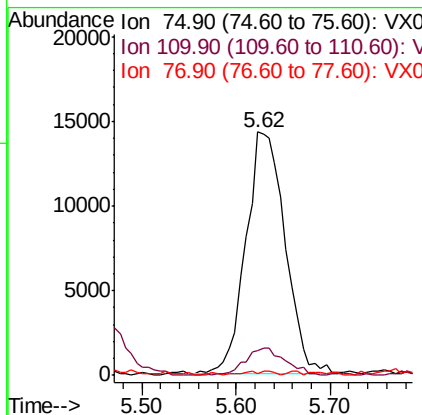
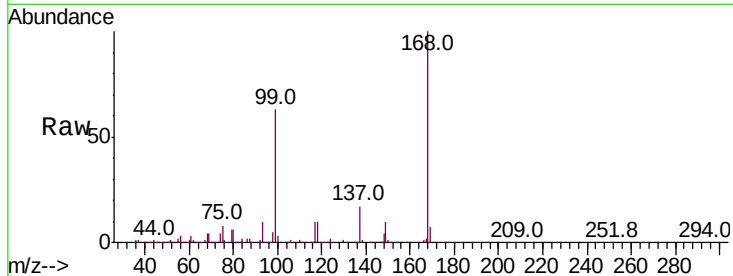




#36
 1,1-Dichloropropene
 Concen: 4.978 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

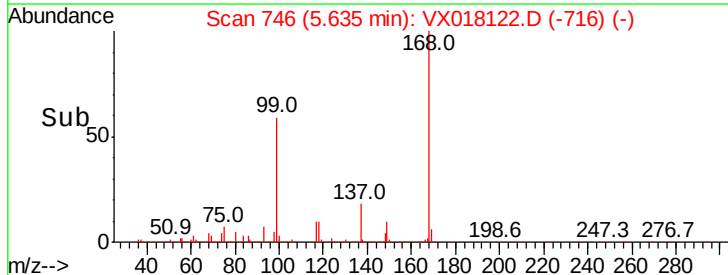
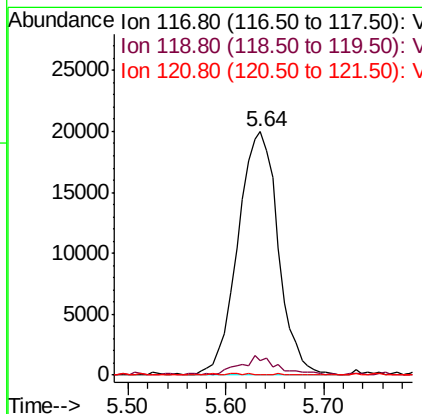
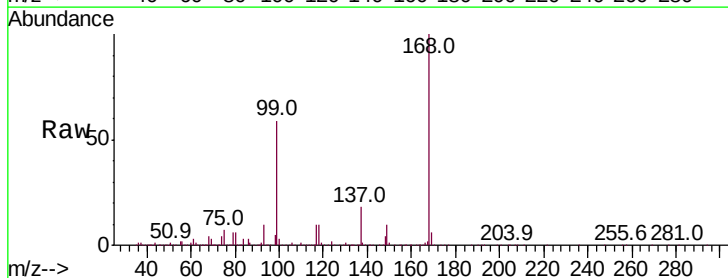
Instrument :
 MSVOA_X
 ClientSampleId :
 GW

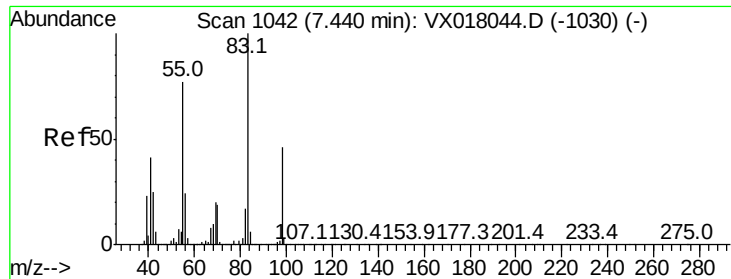
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.6	18.0	54.0#
77	0.6	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 6.046 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.6#
121	0.0	23.4	35.0#

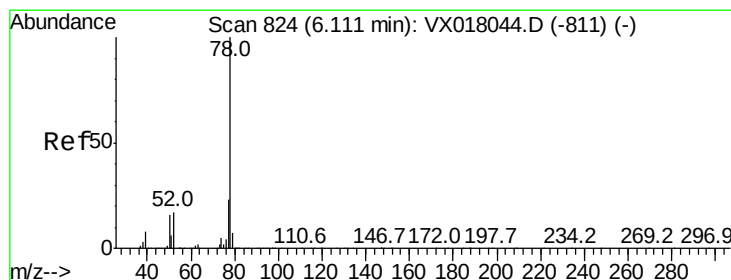
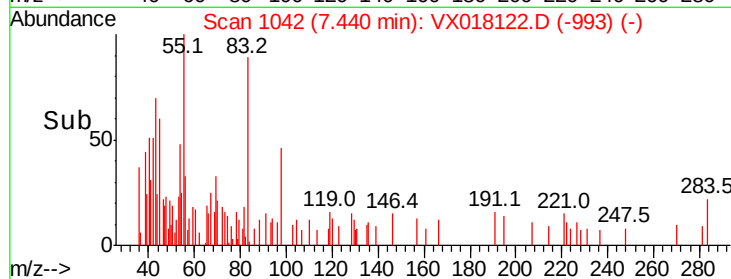
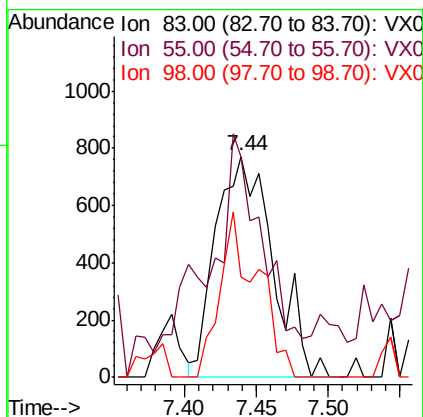
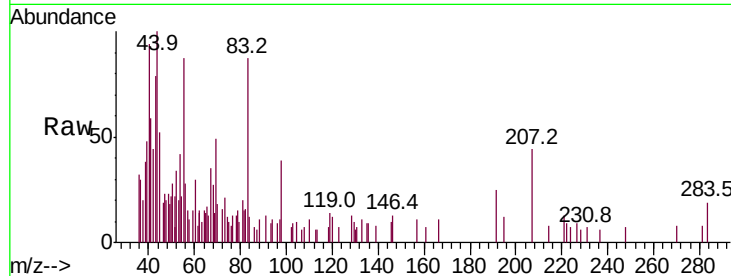




#39
Methylvlcyclohexane
Concen: 0.233 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

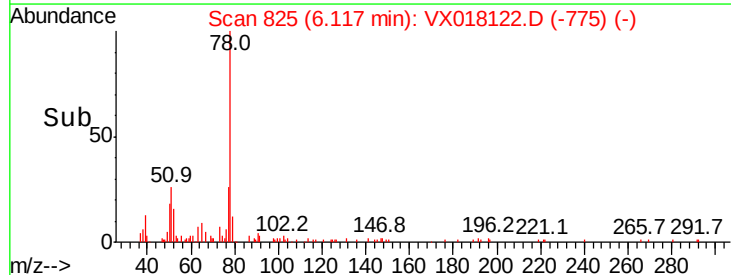
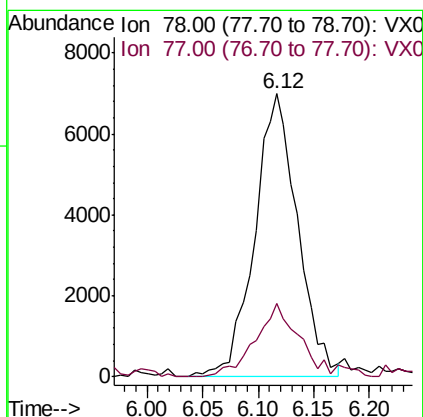
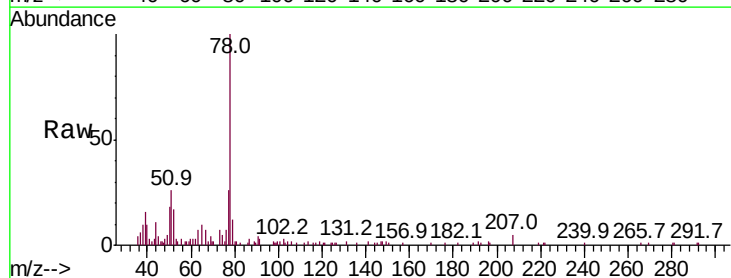
Instrument :
MSVOA_X
ClientSampled :
GW

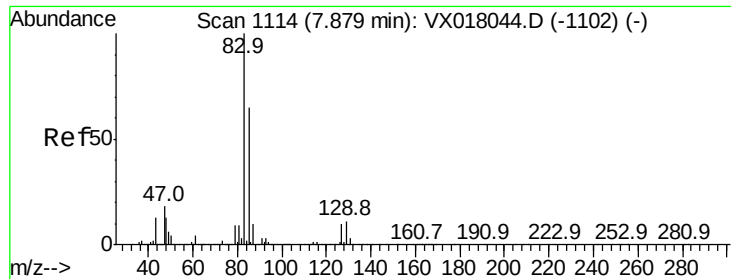
Tot Ion: 83 Resp: 2136
Ion Ratio Lower Upper
83 100
55 76.2 61.8 92.6
98 45.5 36.6 55.0



#40
Benzene
Concen: 0.762 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion: 78 Resp: 18800
Ion Ratio Lower Upper
78 100
77 25.8 18.2 27.2





#47

Bromodichloromethane

Concen: 0.287 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

GW

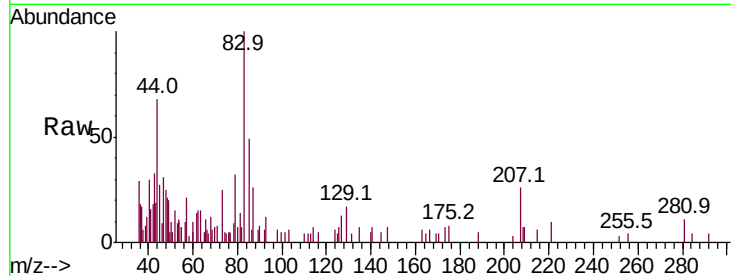
Tot Ion: 83 Resp: 2680

Ion Ratio Lower Upper

83 100

85 44.8 51.8 77.6#

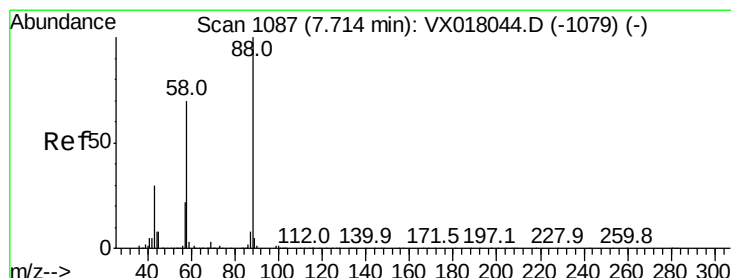
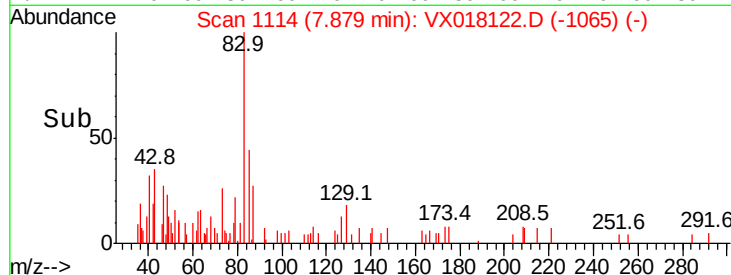
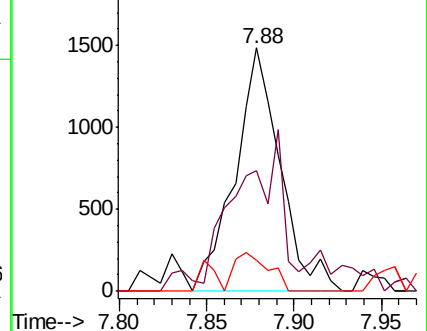
127 12.5 7.7 11.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#49

1,4-Dioxane

Concen: 1.485 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

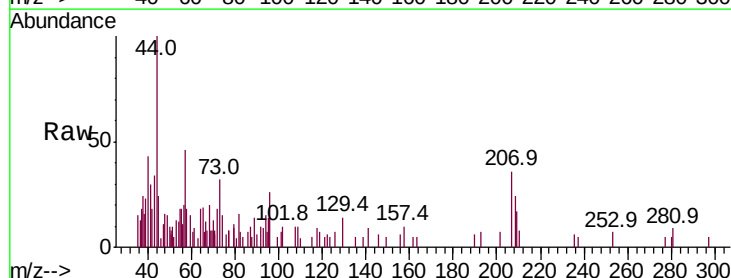
Tgt Ion: 88 Resp: 211

Ion Ratio Lower Upper

88 100

43 333.6 27.4 41.0#

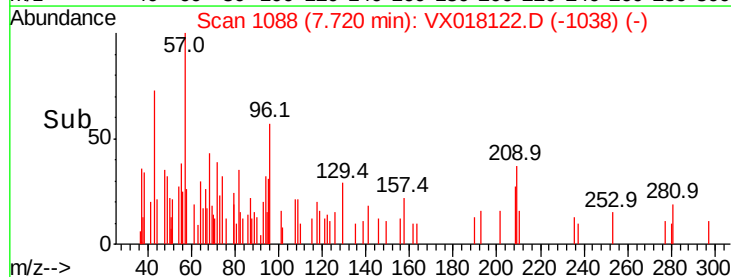
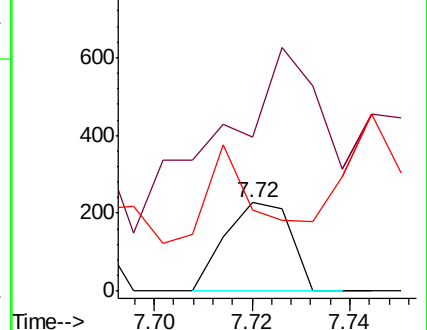
58 124.2 56.4 84.6#

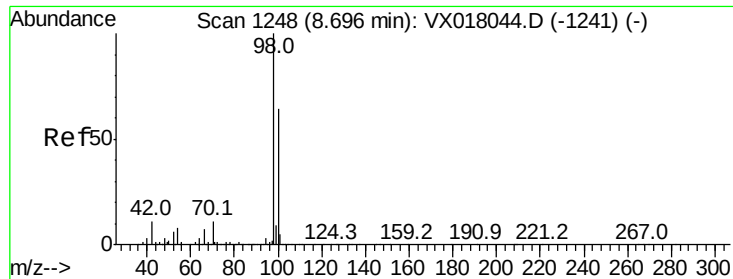


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.413 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

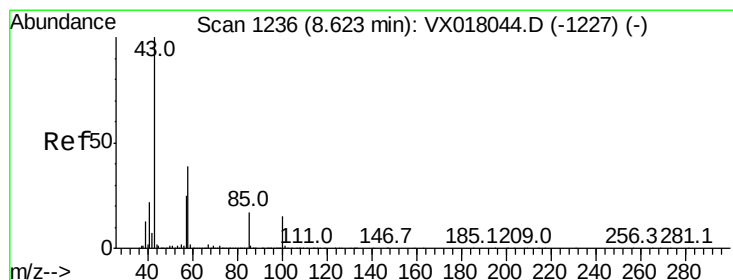
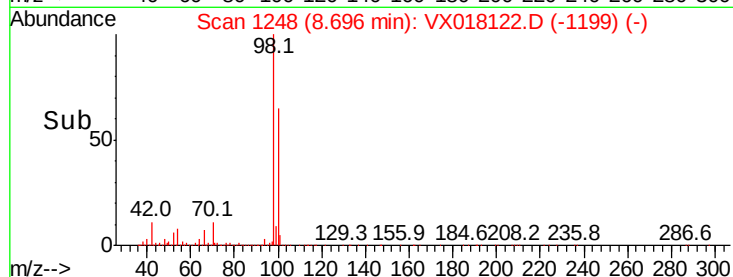
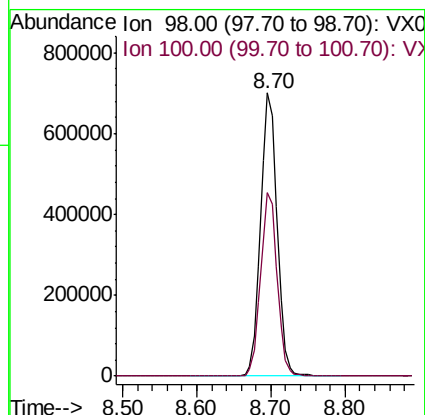
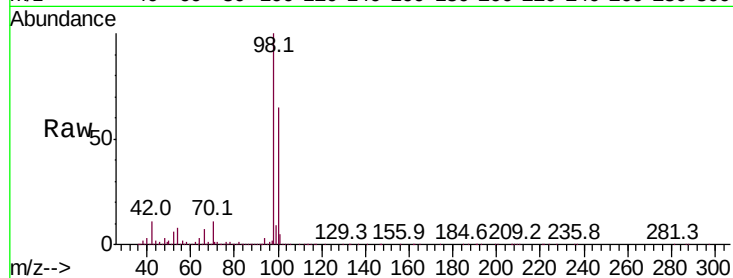
GW

Tot Ion: 98 Resp: 1095463

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.270 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018122.D

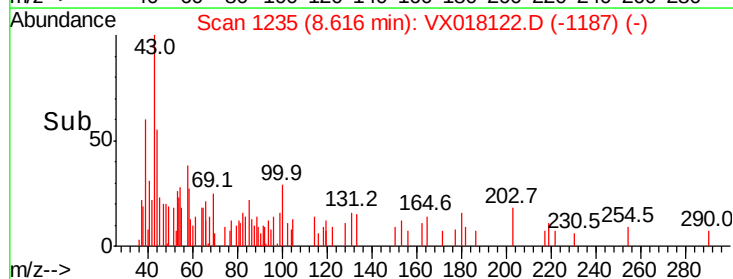
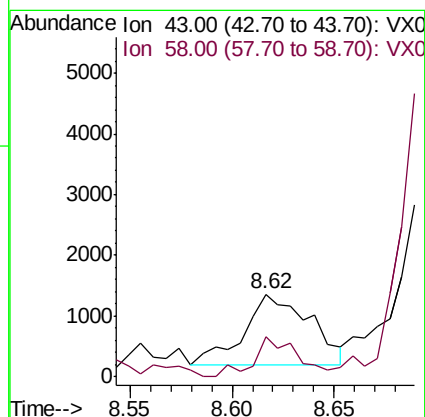
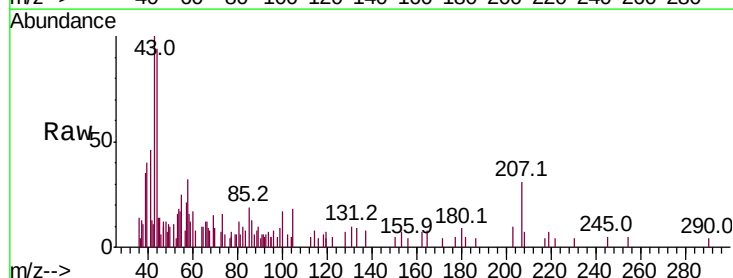
Acq: 28 Aug 2020 15:53

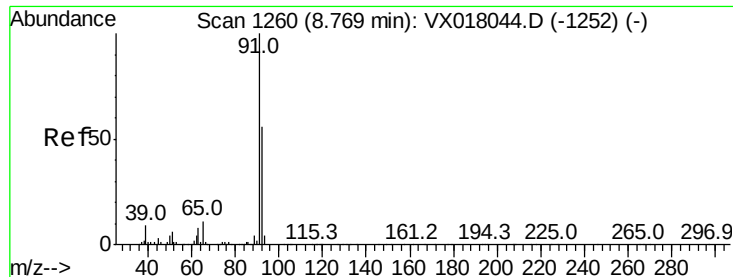
Tgt Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 37.0 30.7 46.1





#52

Toluene

Concen: 0.305 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

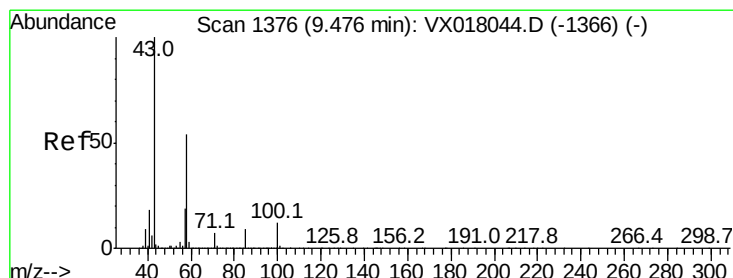
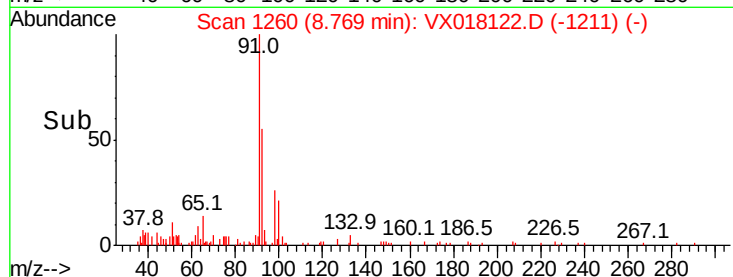
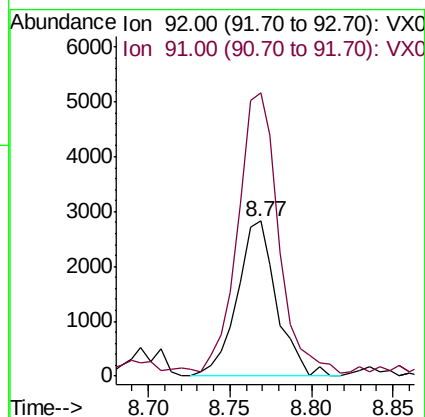
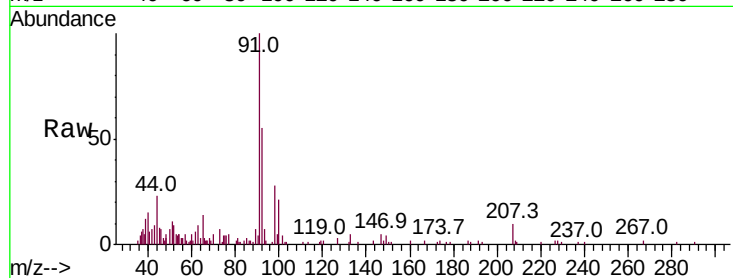
GW

Tot Ion: 92 Resp: 4768

Ion Ratio Lower Upper

92 100

91 188.2 140.3 210.5



#59

2-Hexanone

Concen: 0.222 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018122.D

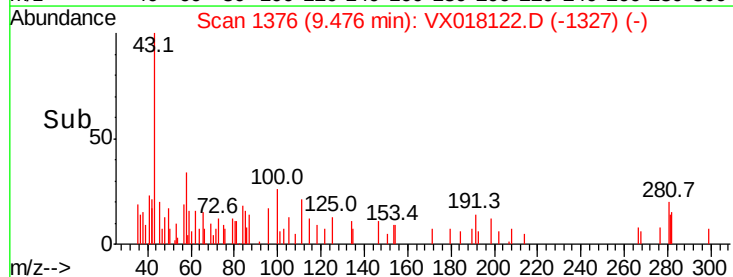
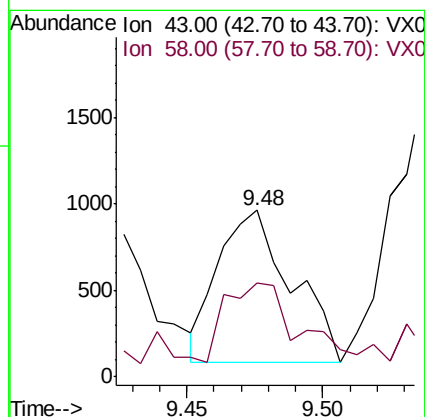
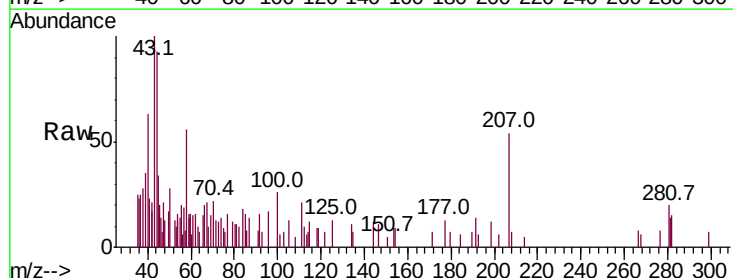
Acq: 28 Aug 2020 15:53

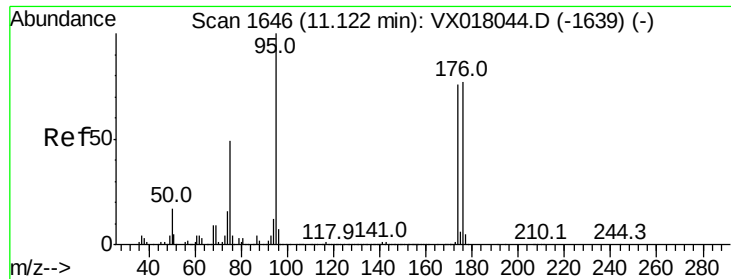
Tgt Ion: 43 Resp: 1647

Ion Ratio Lower Upper

43 100

58 50.8 26.6 79.7

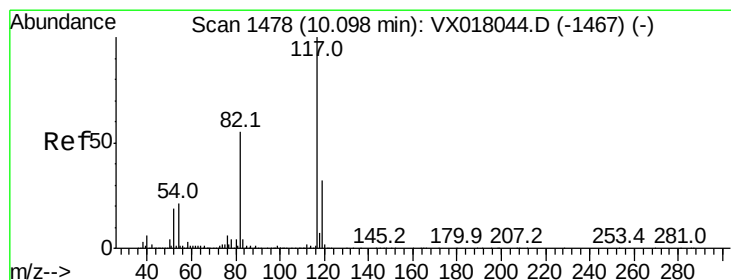
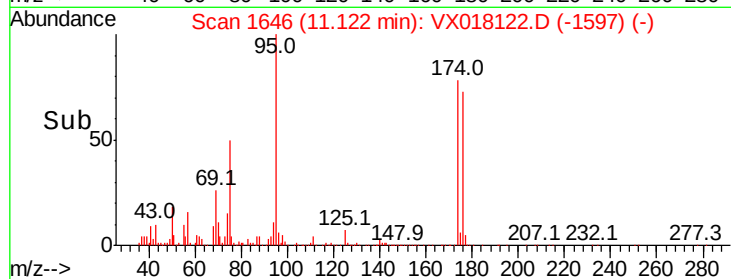
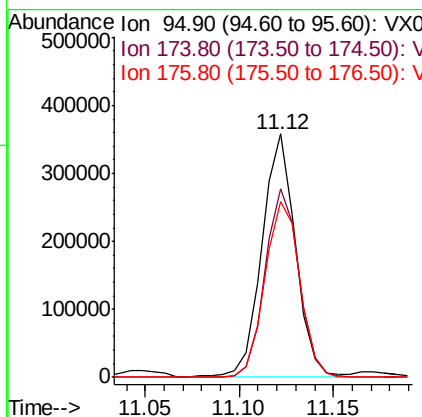
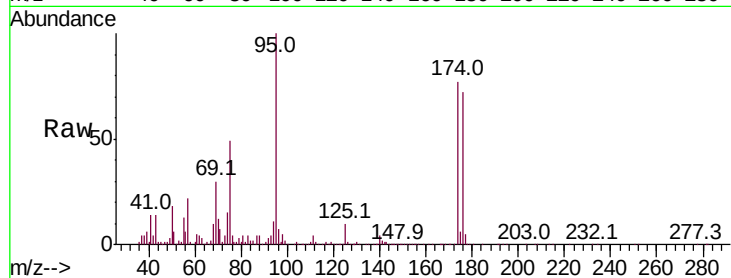




#62
4-Bromofluorobenzene
Concen: 48.183 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

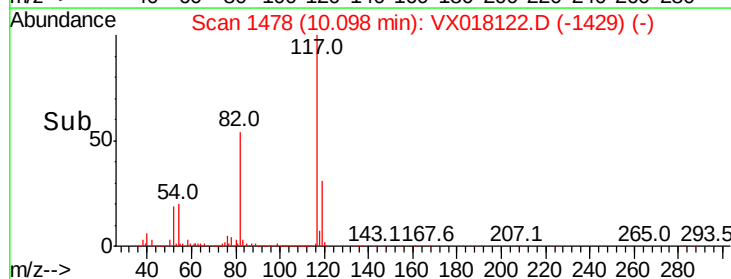
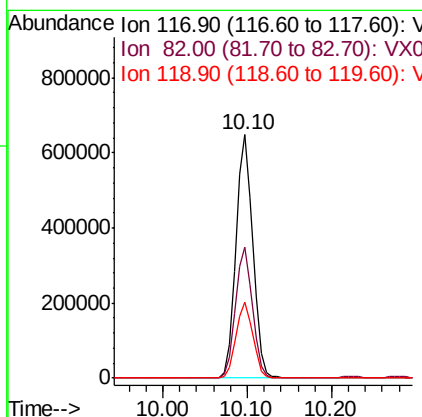
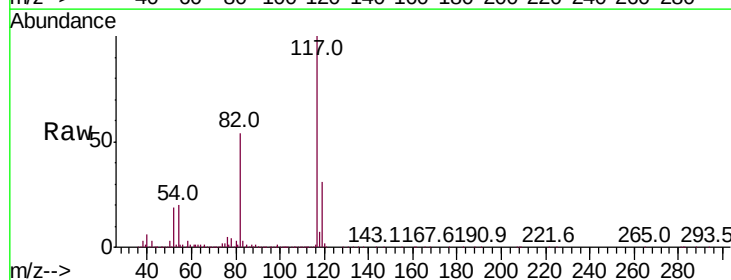
Instrument :
MSVOA_X
ClientSampleId :
GW

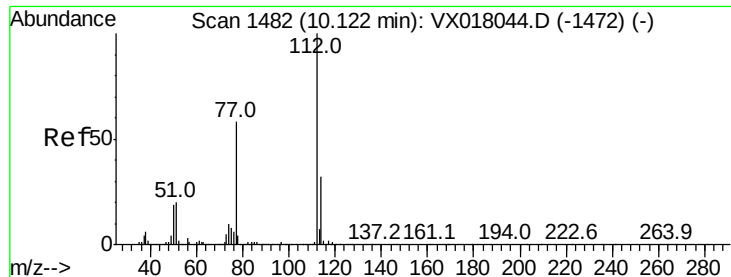
Tot Ion	95	Resp	438007
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	160.2
176	76.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion	117	Resp	869633
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.2	66.2
119	31.1	25.7	38.5





#65

Chlorobenzene

Concen: 0.289 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.11 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampled :

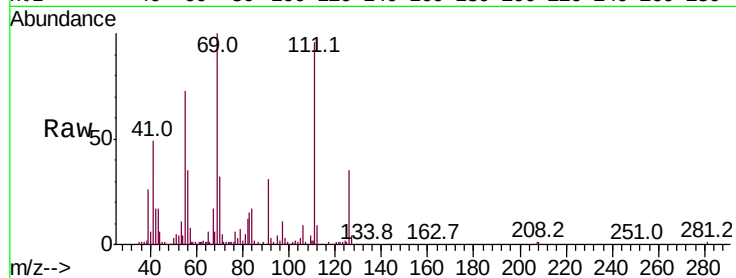
GW

Tot Ion:112 Resp: 5013

Ion Ratio Lower Upper

112 100

114 0.0 25.7 38.5#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

6000

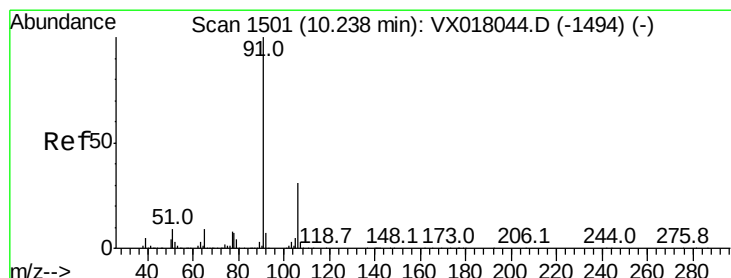
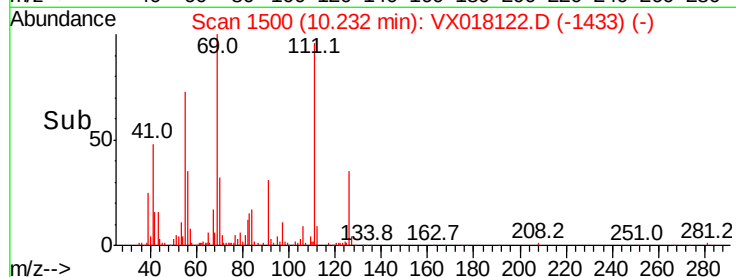
4000

2000

0

10.15 10.20 10.25

Time-->



#67

Ethyl Benzene

Concen: 0.515 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018122.D

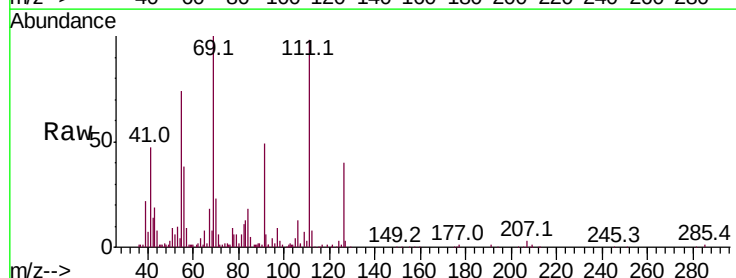
Acq: 28 Aug 2020 15:53

Tgt Ion: 91 Resp: 15225

Ion Ratio Lower Upper

91 100

106 26.6 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

12000

10000

8000

6000

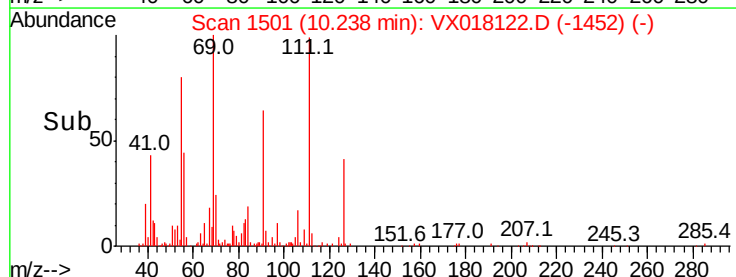
4000

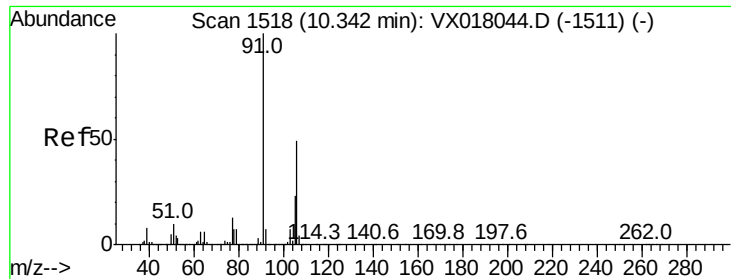
2000

0

10.20 10.25

Time-->

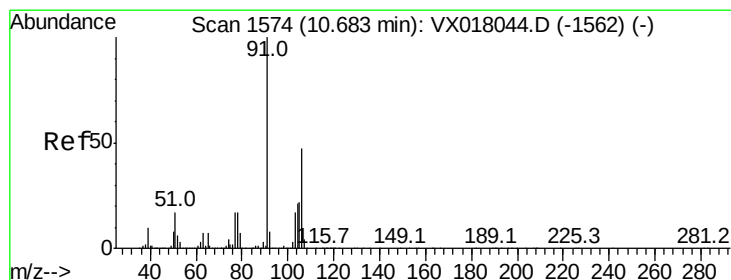
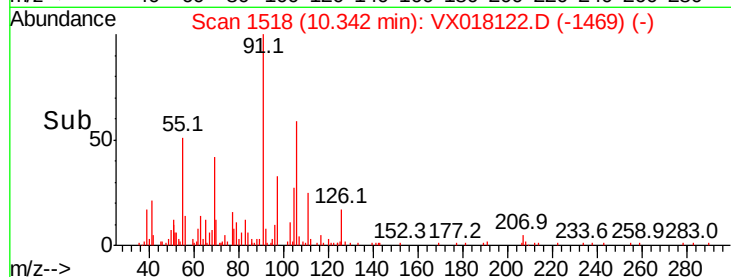
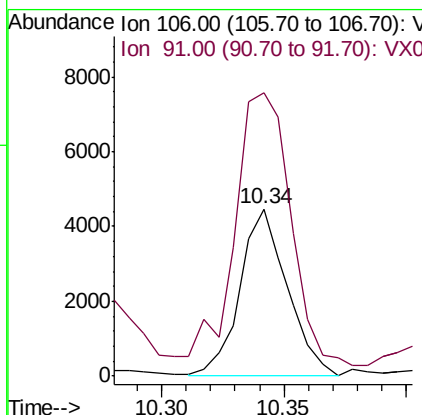
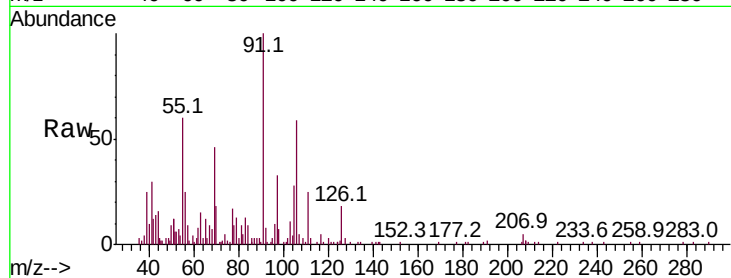




#68
m/p-Xylenes
Concen: 0.547 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

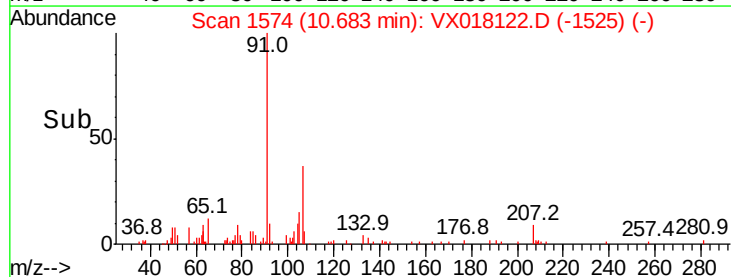
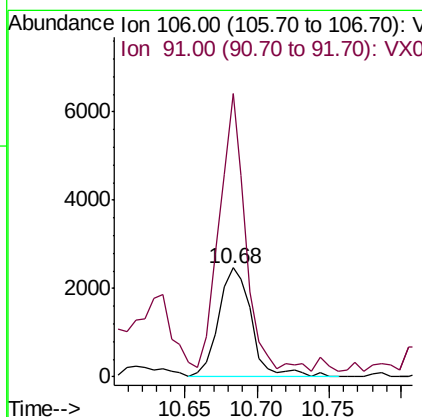
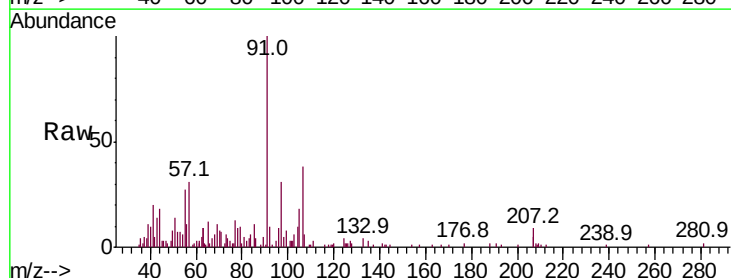
Instrument :
MSVOA_X
ClientSampleId :
GW

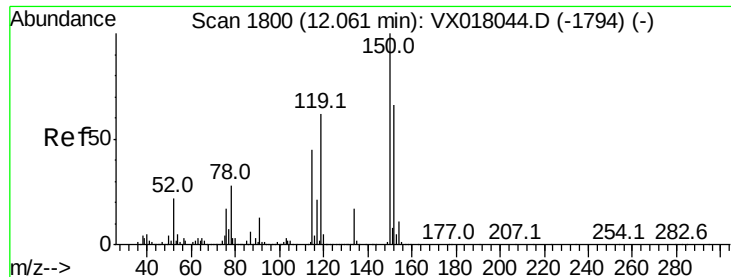
Tot Ion:106 Resp: 6031
Ion Ratio Lower Upper
106 100
91 199.5 162.2 243.2



#69
o-Xylene
Concen: 0.372 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion:106 Resp: 3979
Ion Ratio Lower Upper
106 100
91 203.6 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

GW

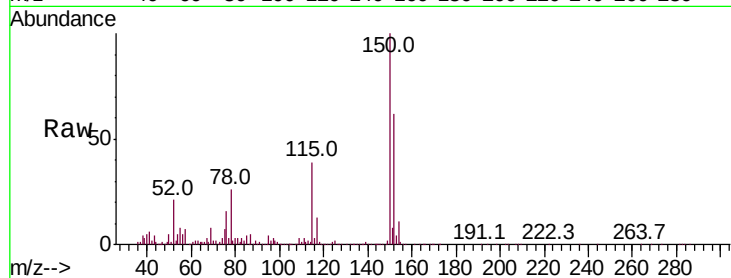
Tot Ion:152 Resp: 406823

Ion Ratio Lower Upper

152 100

115 60.2 41.5 124.5

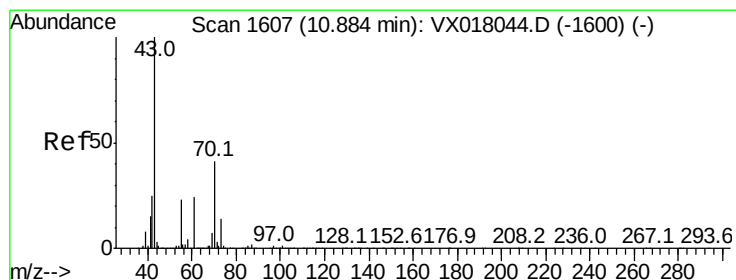
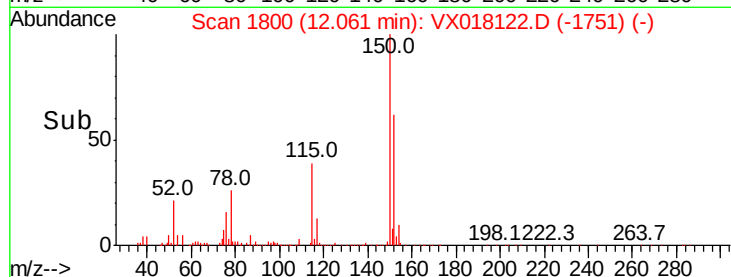
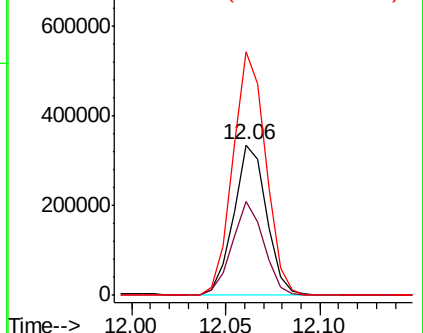
150 161.9 0.0 343.8



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: 0.515 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.01 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Tgt Ion: 43 Resp: 6554

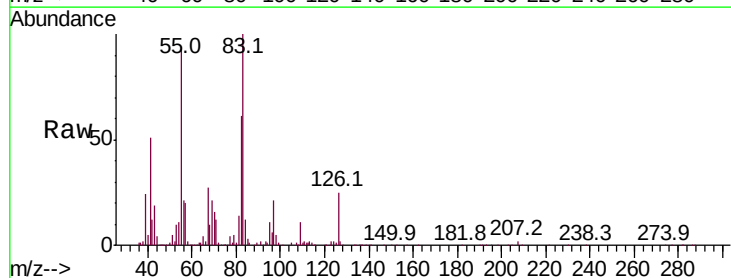
Ion Ratio Lower Upper

43 100

70 95.9 32.3 48.5#

55 1213.5 18.2 27.2#

61 0.0 18.9 28.3#

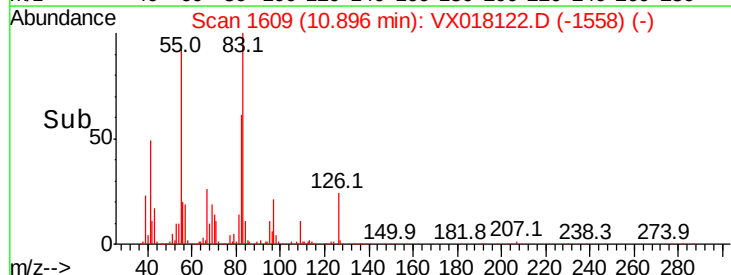
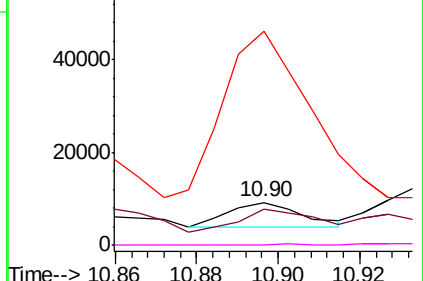


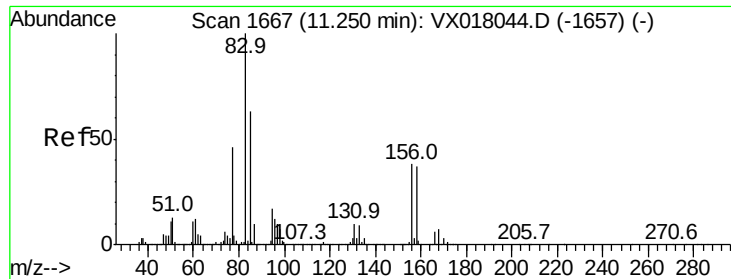
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 7.224 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampled :

GW

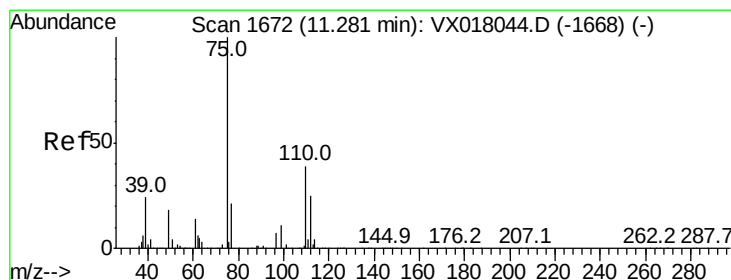
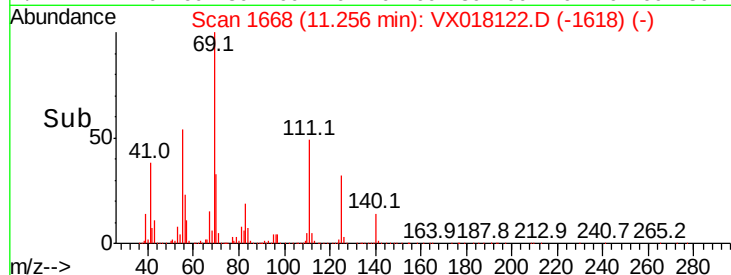
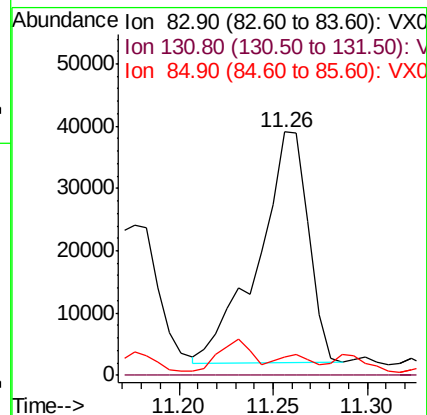
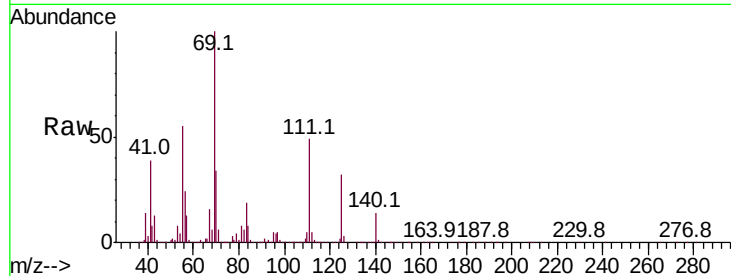
Tot Ion: 83 Resp: 68384

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 2.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 23.660 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018122.D

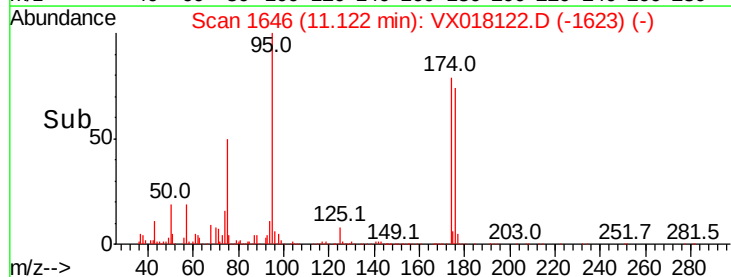
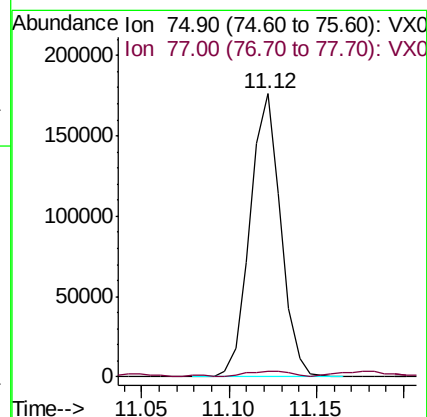
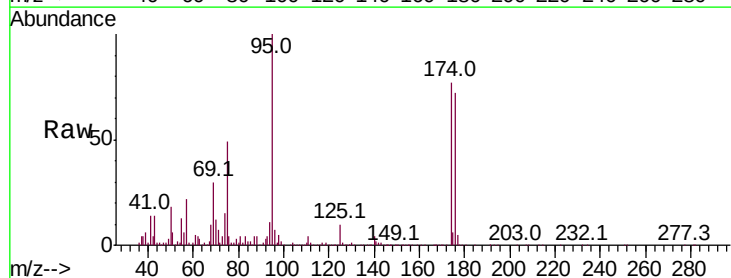
Acq: 28 Aug 2020 15:53

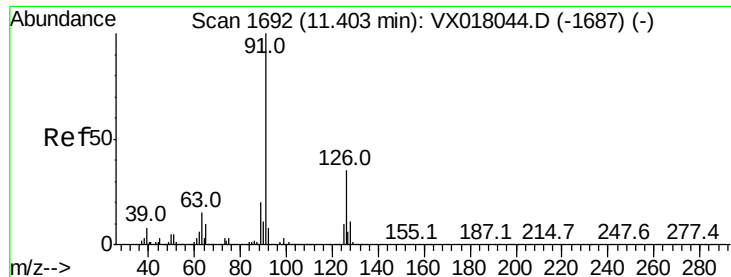
Tgt Ion: 75 Resp: 214119

Ion Ratio Lower Upper

75 100

77 2.3 20.8 62.2#

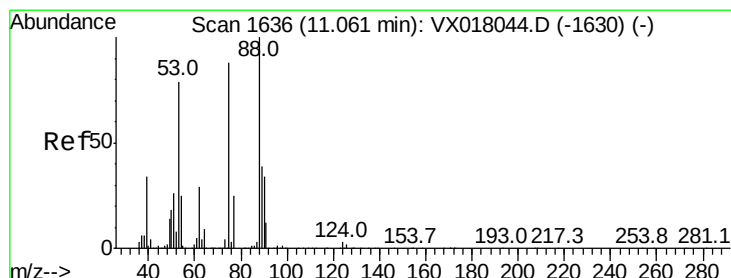
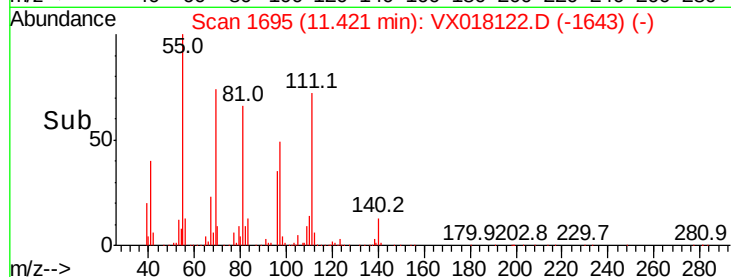
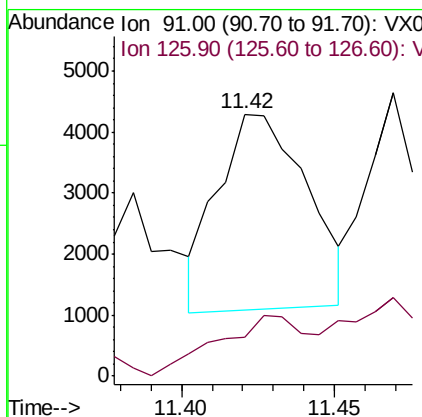
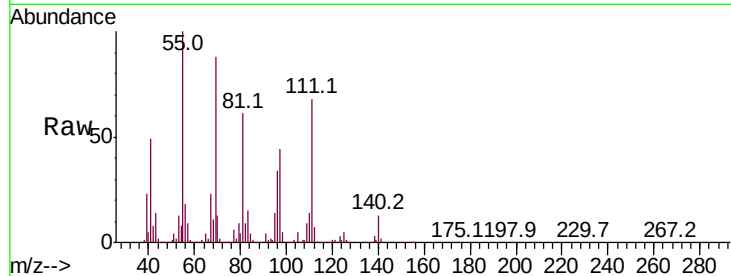




#79
 2-Chlorotoluene
 Concen: 0.343 ug/l
 RT: 11.42 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

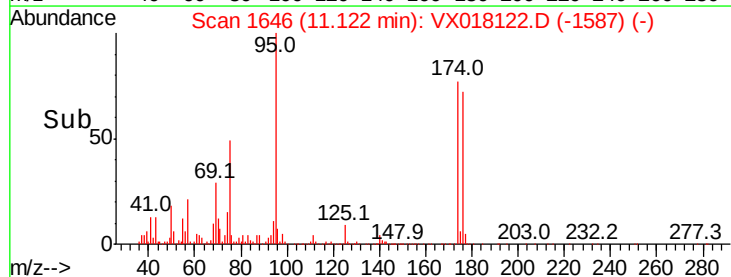
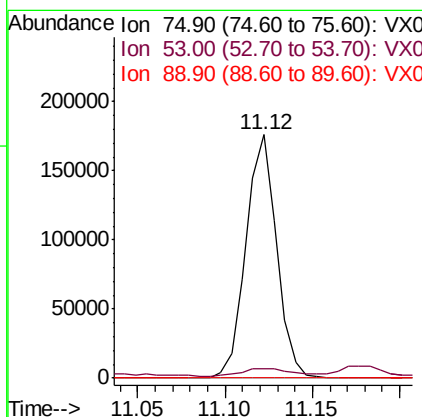
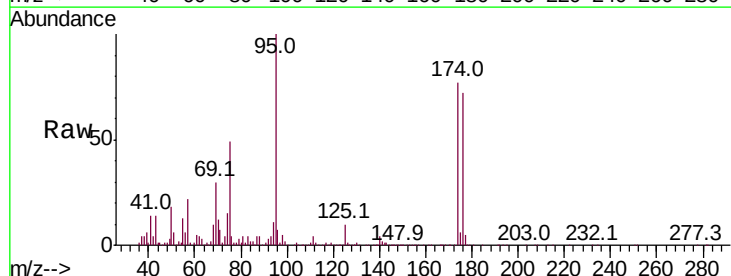
Instrument :
 MSVOA_X
 ClientSampled :
 GW

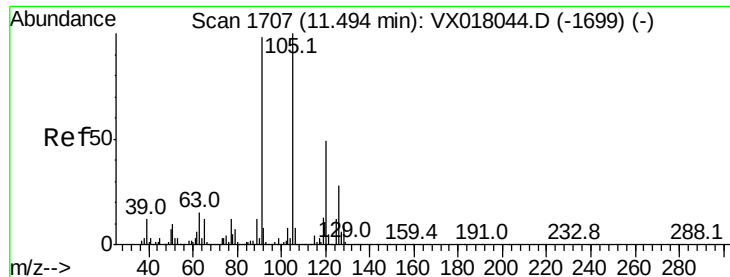
Tot Ion: 91 Resp: 6464
 Ion Ratio Lower Upper
 91 100
 126 32.3 17.4 52.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.901 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

Tgt Ion: 75 Resp: 214119
 Ion Ratio Lower Upper
 75 100
 53 5.1 74.7 112.1#
 89 0.1 36.6 54.8#

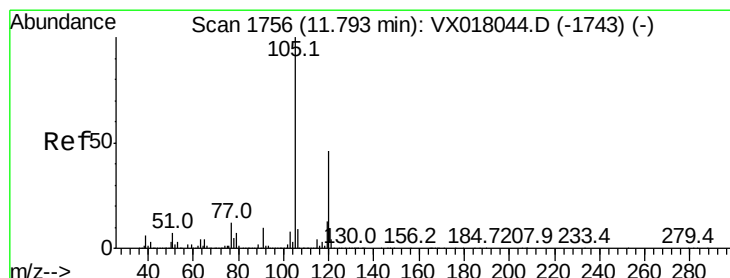
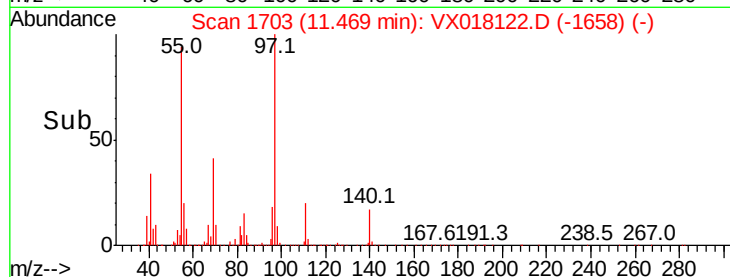
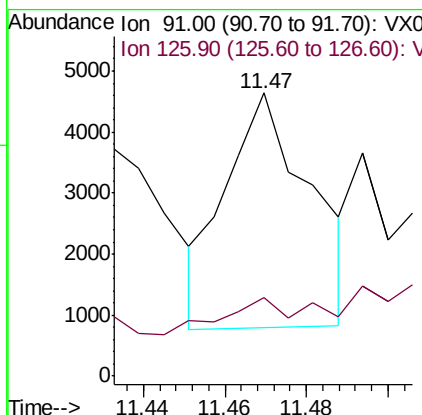
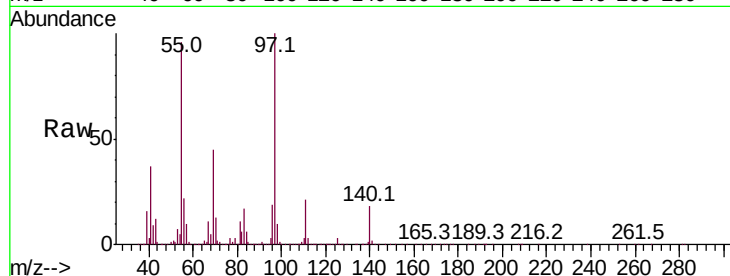




#82
4-Chlorotoluene
Concen: 0.248 ug/l
RT: 11.47 min Scan# 1703
Delta R.T. -0.02 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

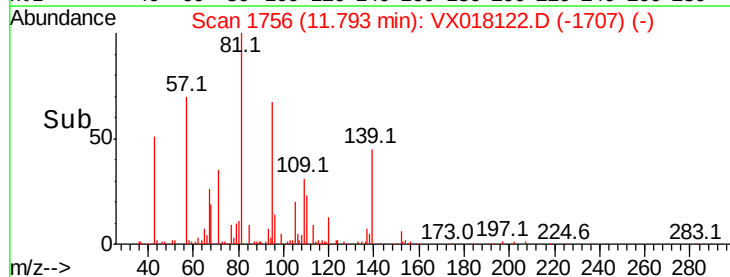
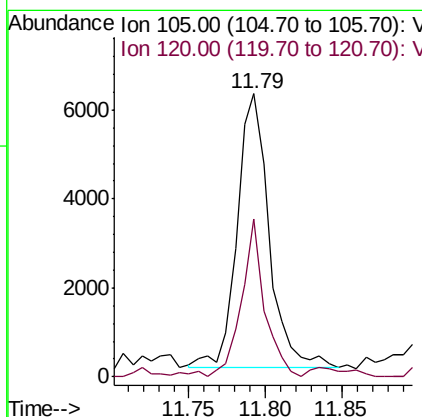
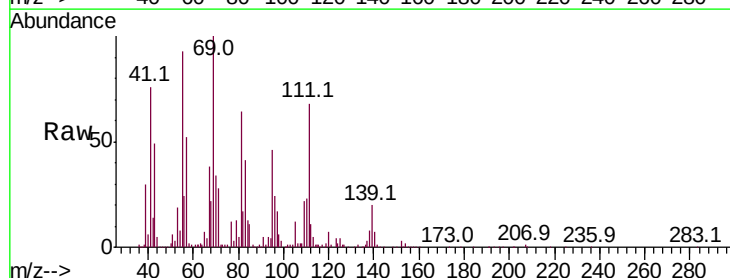
Instrument :
MSVOA_X
ClientSampled :
GW

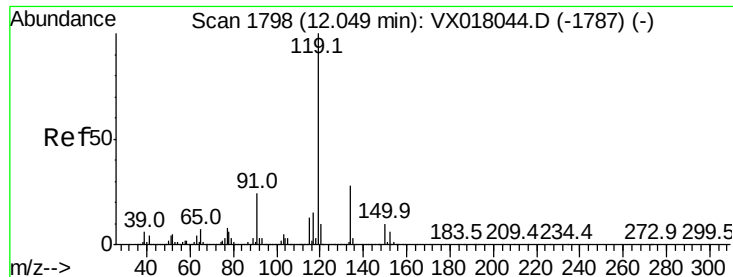
Tot Ion: 91 Resp: 5542
Ion Ratio Lower Upper
91 100
126 22.3 15.1 45.3



#84
1,2,4-Trimethylbenzene
Concen: 0.393 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion: 105 Resp: 8869
Ion Ratio Lower Upper
105 100
120 41.9 22.3 66.9

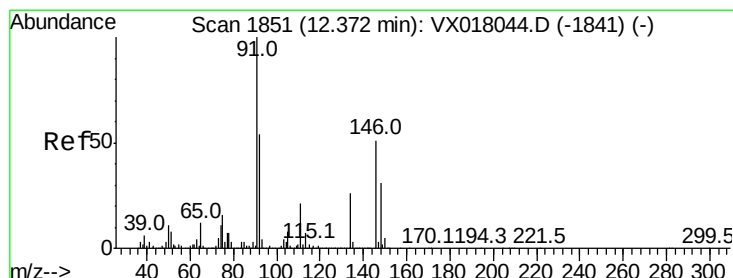
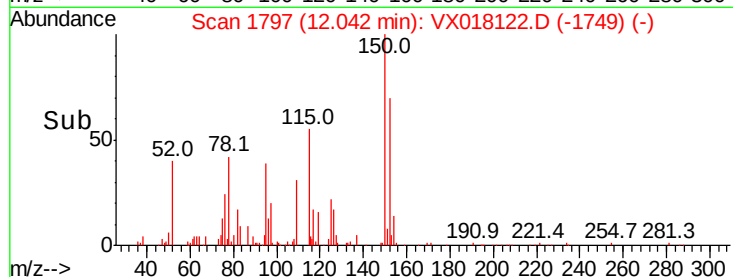
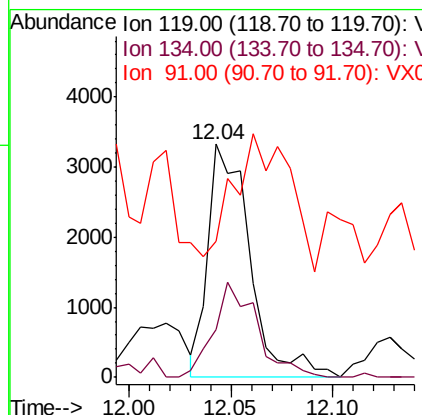
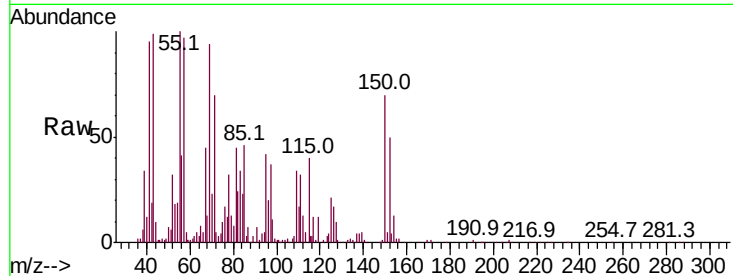




#86
 p-Isopropyltoluene
 Concen: 0.208 ug/l
 RT: 12.04 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

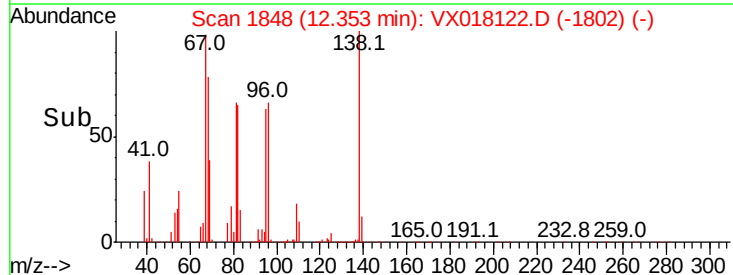
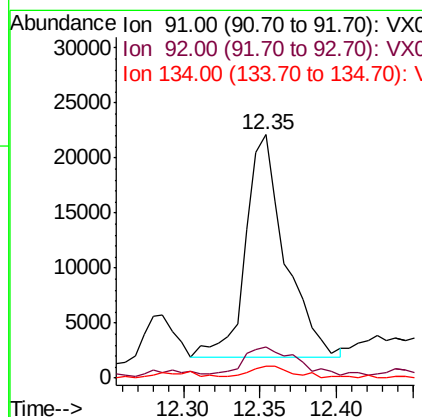
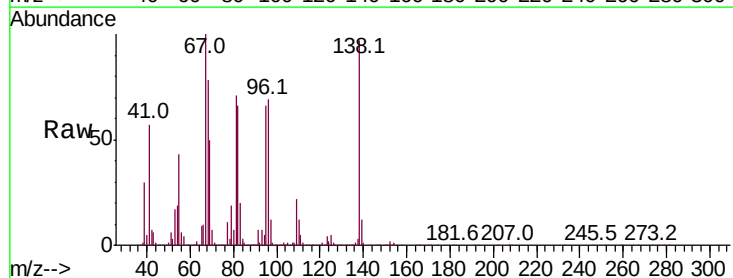
Instrument :
 MSVOA_X
 ClientSampled :
 GW

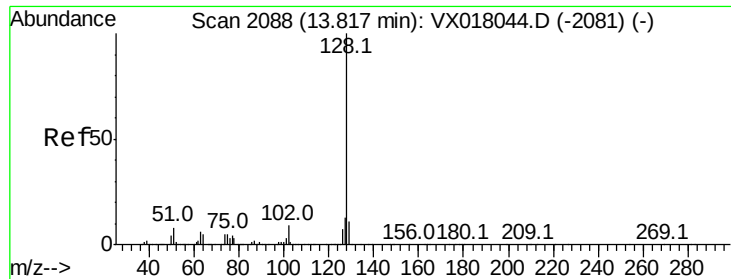
Tot Ion	Ratio	Lower	Upper
119	100		
134	42.1	13.2	39.5#
91	78.9	11.8	35.4#



#89
 n-Butylbenzene
 Concen: 1.739 ug/l
 RT: 12.35 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: VX018122.D
 Acq: 28 Aug 2020 15:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	16.1	26.4	79.2#
134	4.5	12.9	38.7#





#95

Naphthalene

Concen: 4.470 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

GW

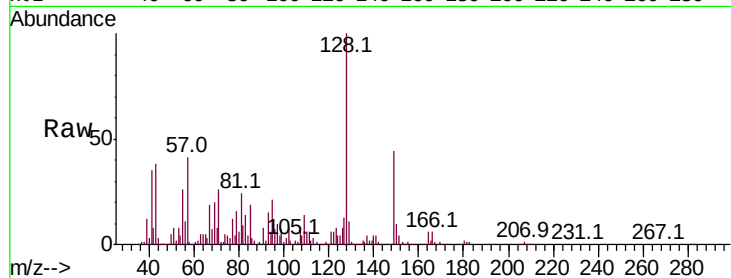
Tot Ion:128 Resp: 120248

Ion Ratio Lower Upper

128 100

127 15.6 10.2 15.2#

129 11.1 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

