

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012163.D
 Acq On : 06 Sep 2019 22:12
 Operator : SY/SP
 Sample : K4554-57
 Misc : 5.63g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Sep 07 01:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	162468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98241	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	102388	45.67	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	91.34%	
35) Dibromofluoromethane	5.48	113	79478	47.25	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	94.50%	
50) Toluene-d8	8.71	98	319588	51.78	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	123431	43.00	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	86.00%	

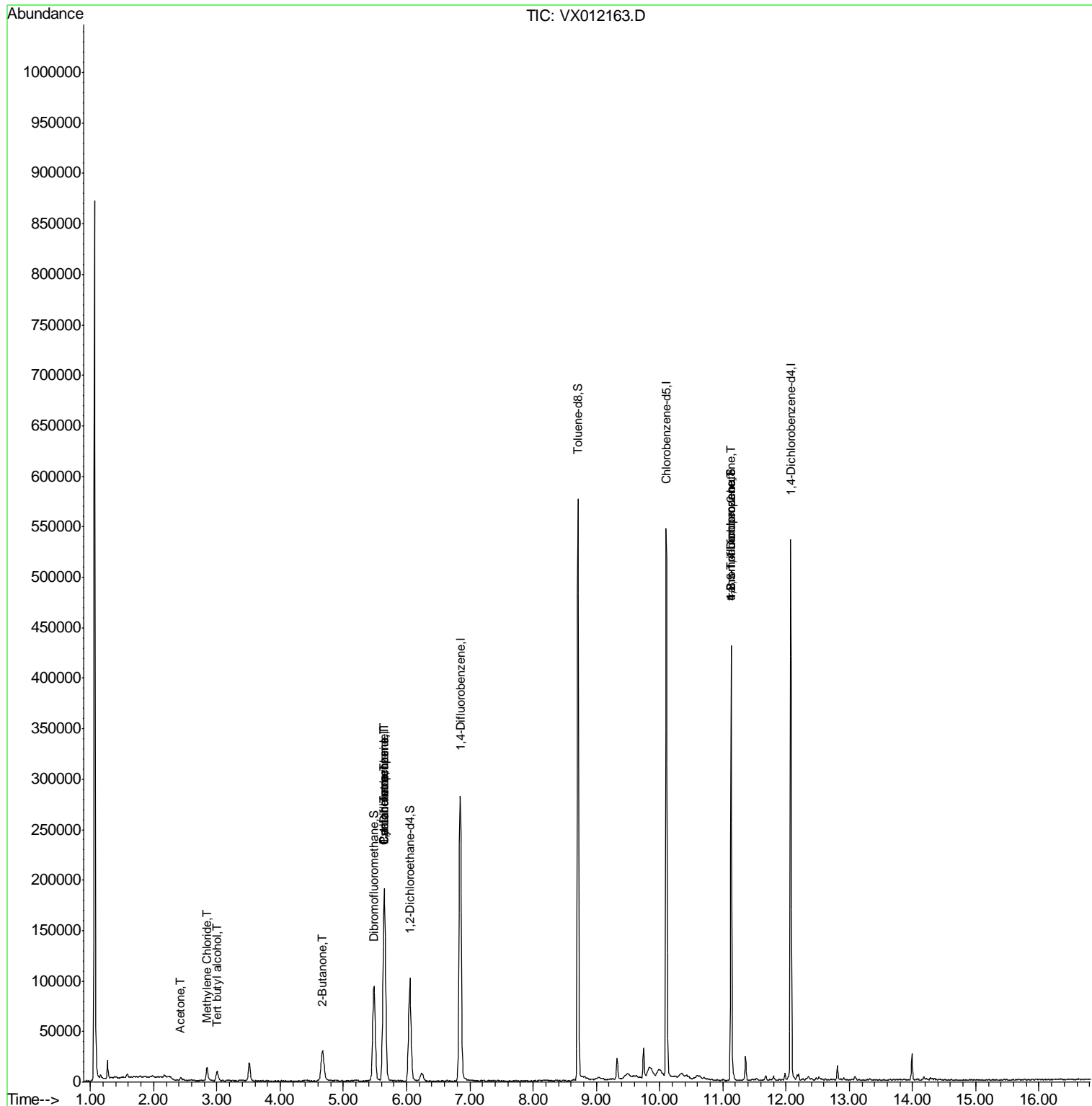
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	5966	27.708	ug/l #	83
13) Acrolein	2.27	56	361	Below Cal	#	78
16) Acetone	2.43	43	2703	5.045	ug/l	99
20) Methylene Chloride	2.84	84	6376	2.963	ug/l	95
25) 2-Butanone	4.67	43	2501	3.667	ug/l #	67
31) Cyclohexane	5.65	56	4588	1.669	ug/l #	22
36) 1,1-Dichloropropene	5.65	75	14700	6.102	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19036	7.499	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	63983	53.303	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	63983	126.017	ug/l #	10

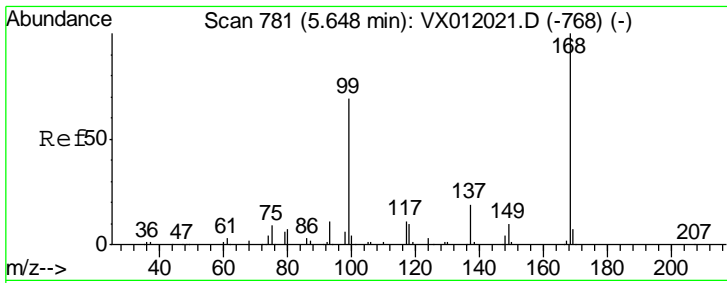
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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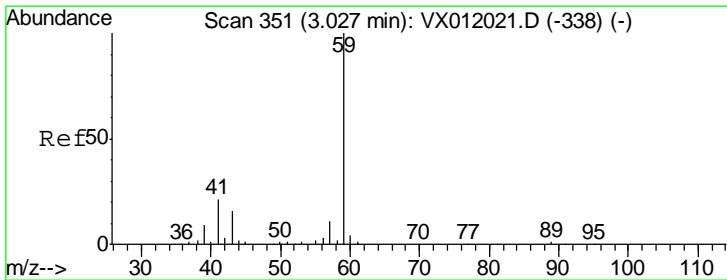
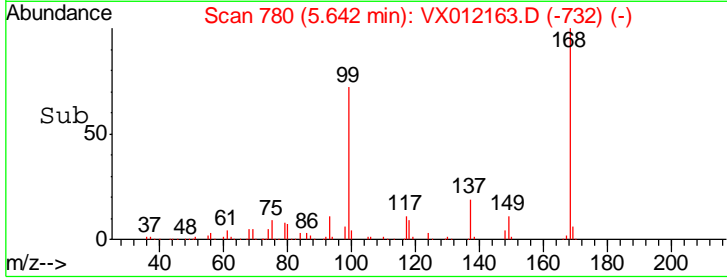
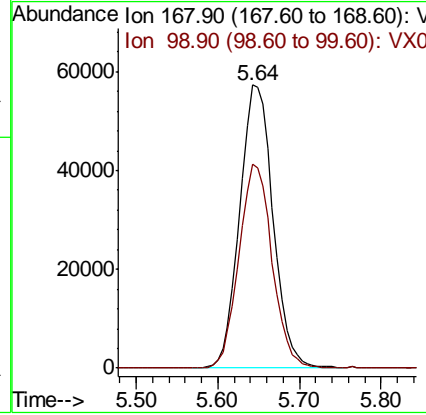
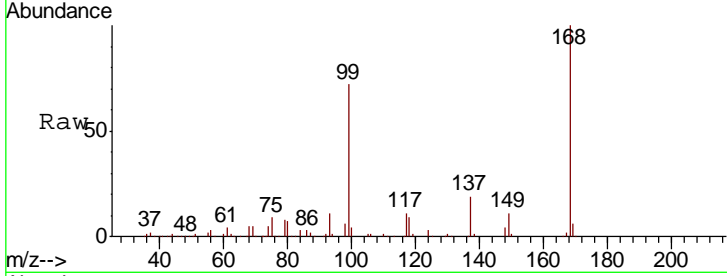




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

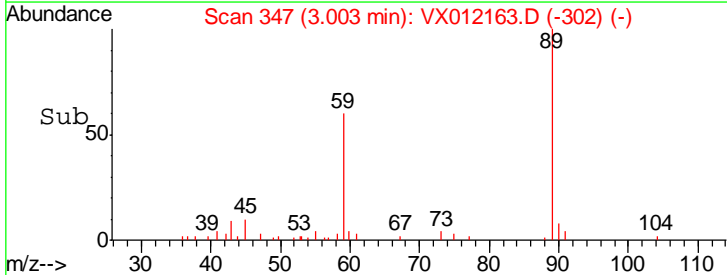
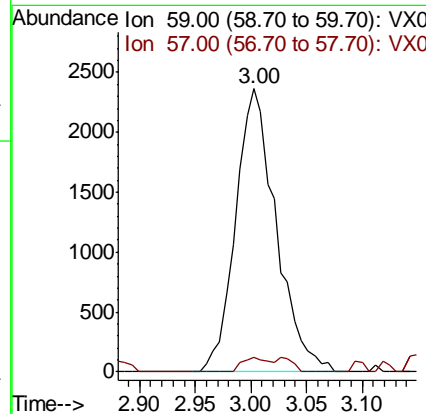
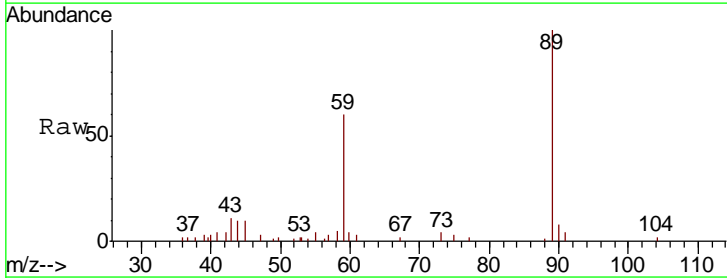
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1-(0-2)

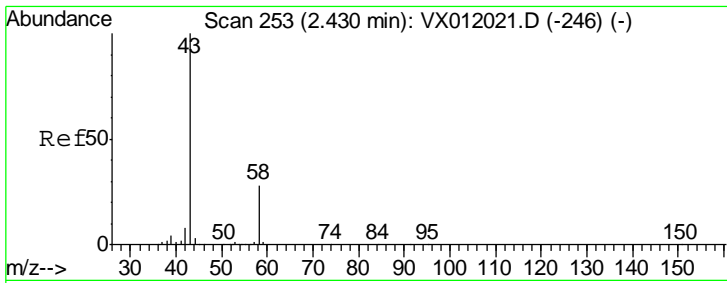
Tgt Ion: 168 Resp: 162468
 Ion Ratio Lower Upper
 168 100
 99 72.1 37.6 56.4#



#11
 Tert butyl alcohol
 Concen: 27.708 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion: 59 Resp: 5966
 Ion Ratio Lower Upper
 59 100
 57 3.5 7.9 11.9#

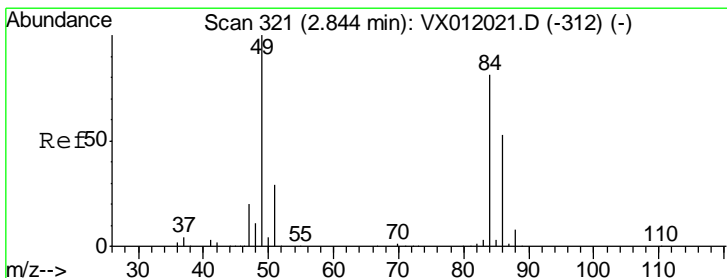
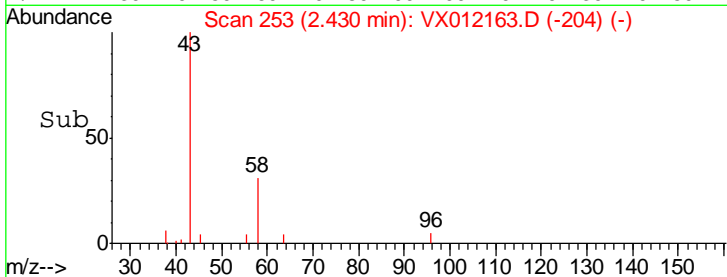
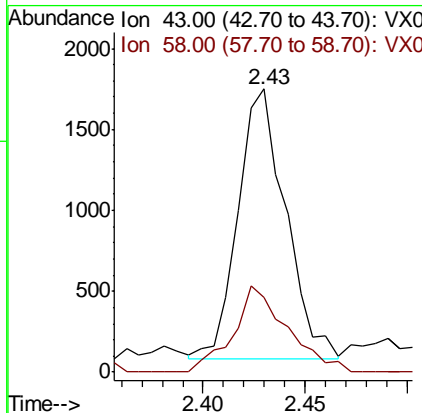
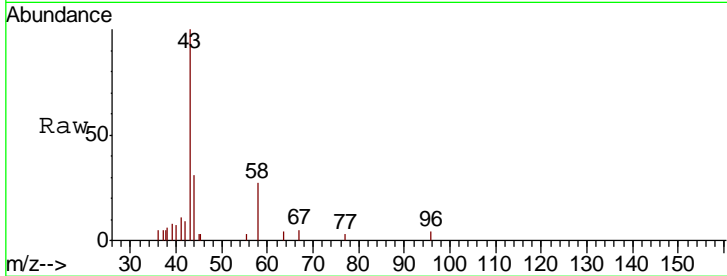




#16
 Acetone
 Concen: 5.045 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

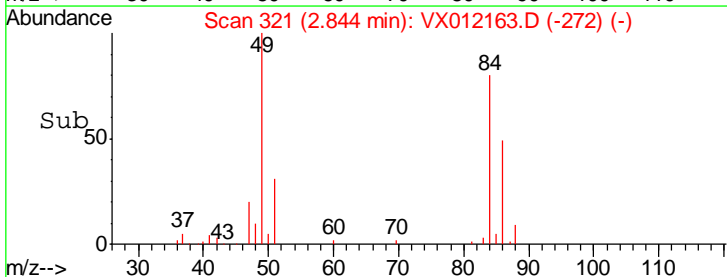
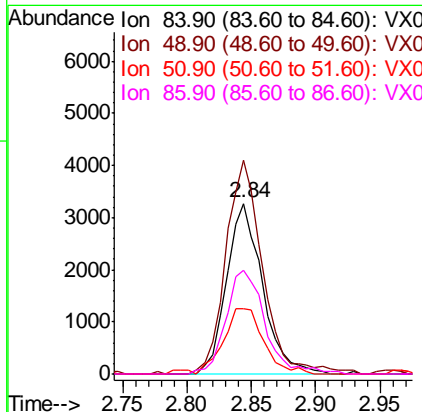
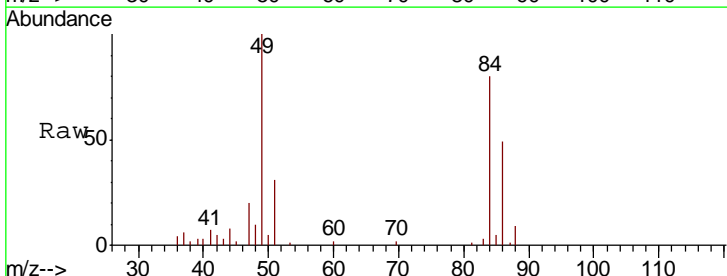
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1-(0-2)

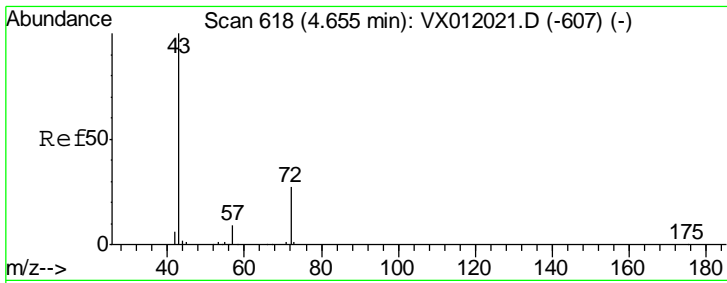
Tgt Ion	Resp	Lower	Upper
43	100		
58	28.1	22.8	34.2



#20
 Methylene Chloride
 Concen: 2.963 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion	Resp	Lower	Upper
84	100		
49	125.4	95.8	143.8
51	38.7	28.6	43.0
86	61.0	50.9	76.3

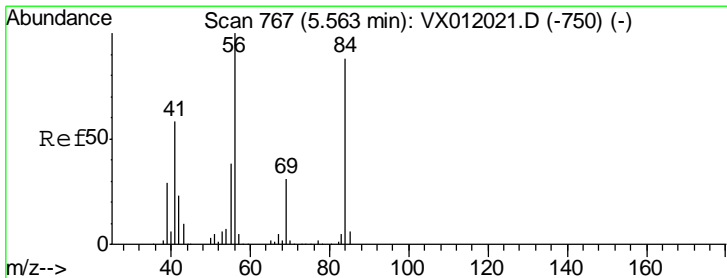
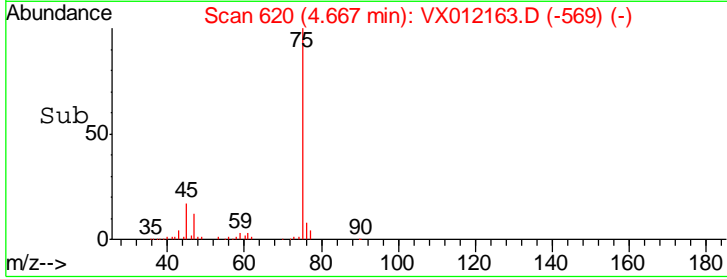
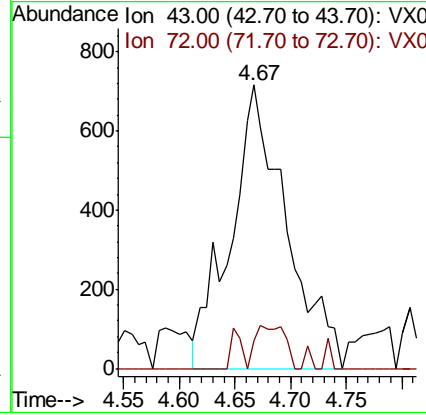
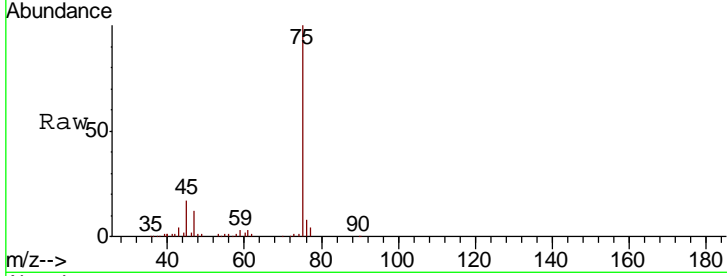




#25
 2-Butanone
 Concen: 3.667 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

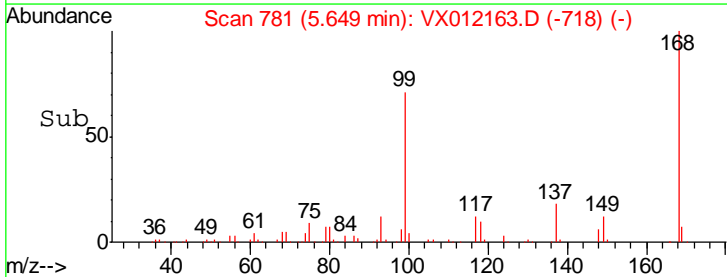
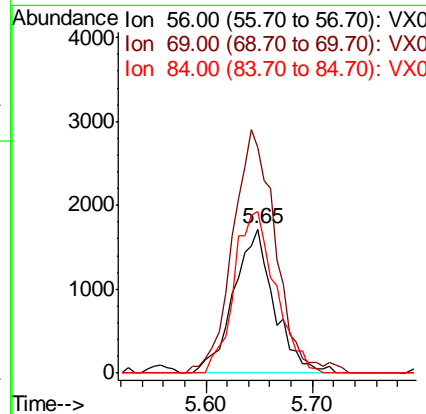
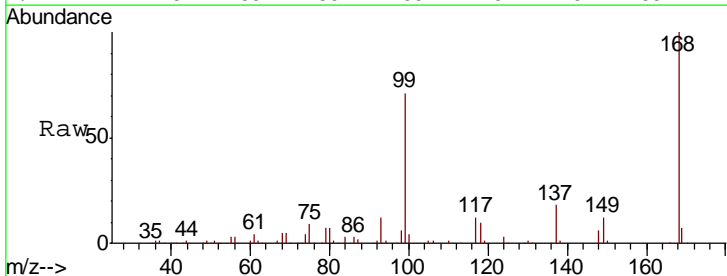
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1-(0-2)

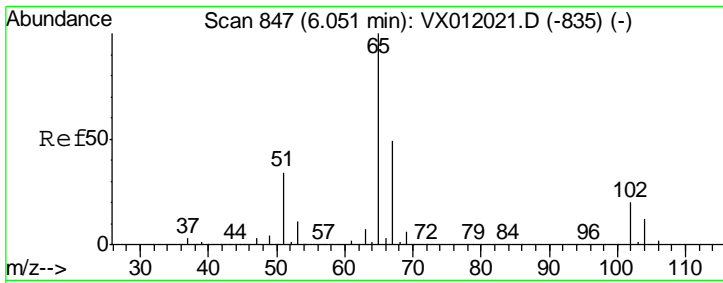
Tgt Ion	Resp	Lower	Upper
43	100		
72	9.6	21.3	31.9#



#31
 Cyclohexane
 Concen: 1.669 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.09 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion	Resp	Lower	Upper
56	100		
69	153.3	25.7	38.5#
84	112.6	70.3	105.5#

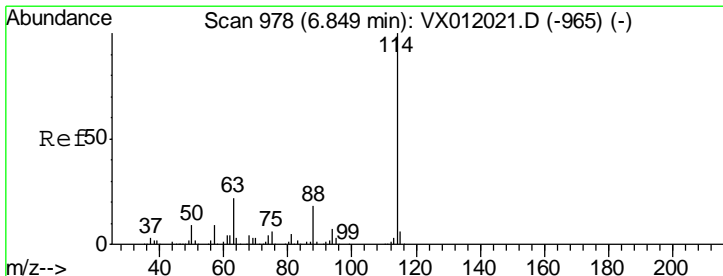
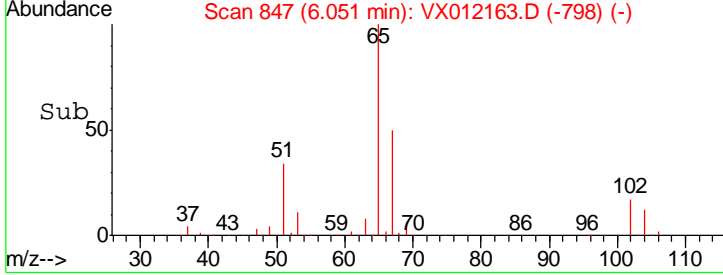
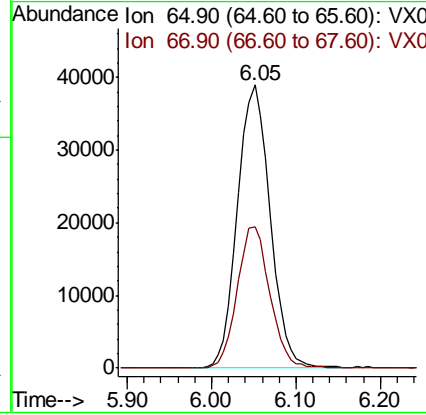
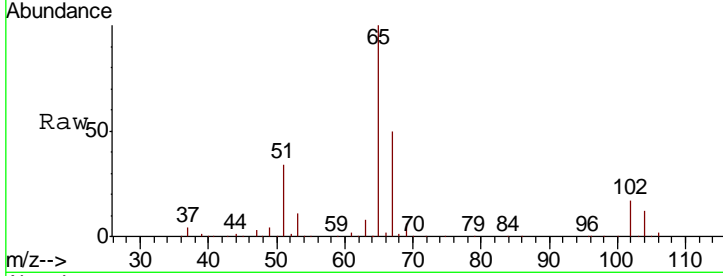




#33
 1,2-Dichloroethane-d4
 Concen: 45.674 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

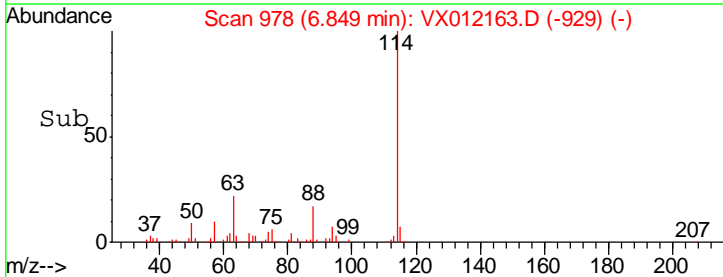
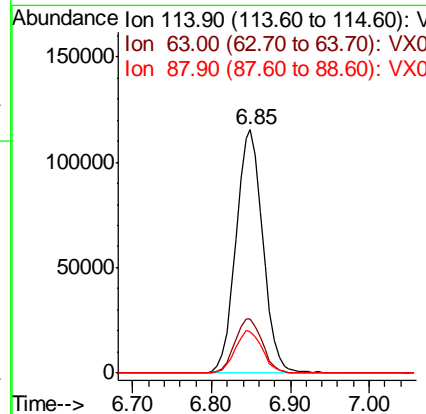
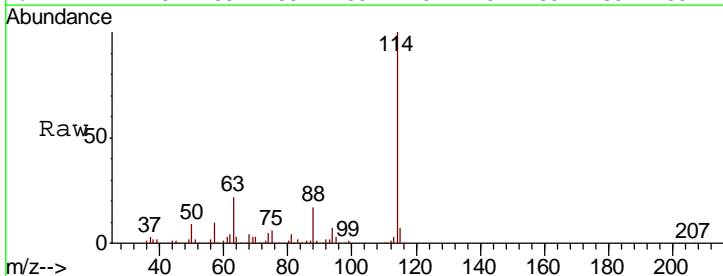
Instrument : MSVOA_X
 ClientSampled : SB-1-(0-2)

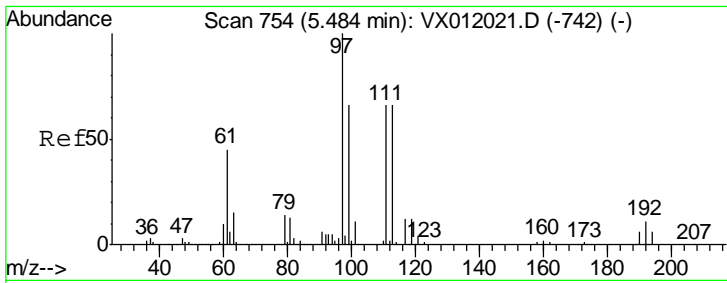
Tgt Ion	Resp	Lower	Upper
65	102388		
67	49.7	0.0	102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion	Resp	Lower	Upper
114	273512		
63	22.2	0.0	37.4
88	17.1	0.0	29.6

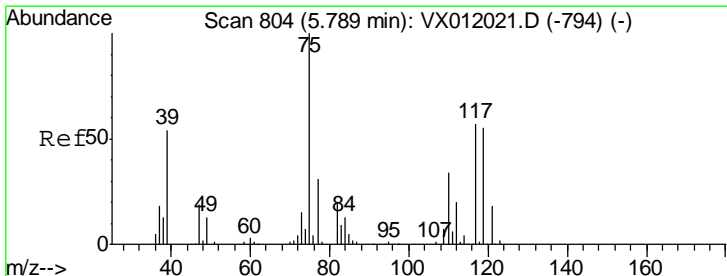
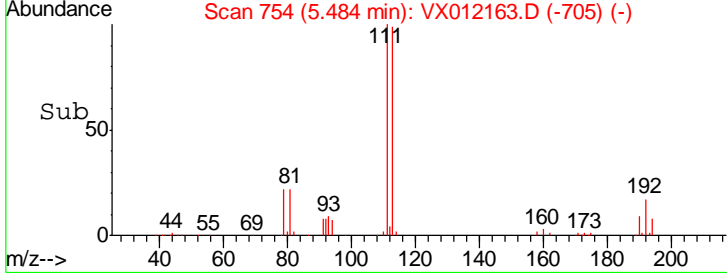
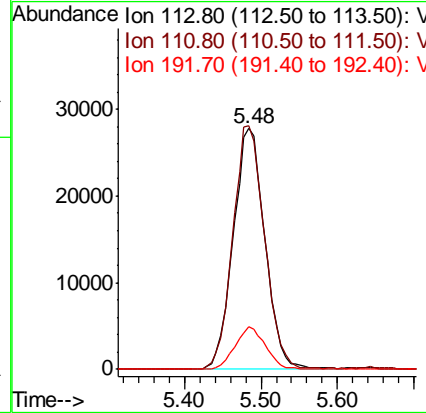
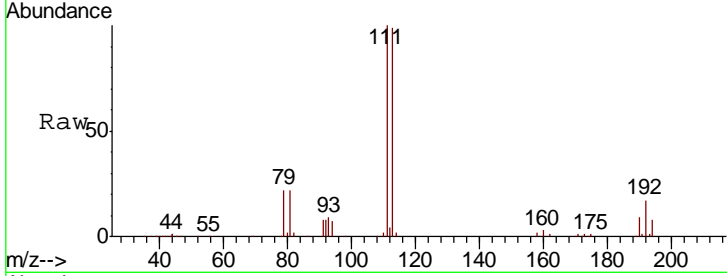




#35
 Dibromofluoromethane
 Concen: 47.252 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

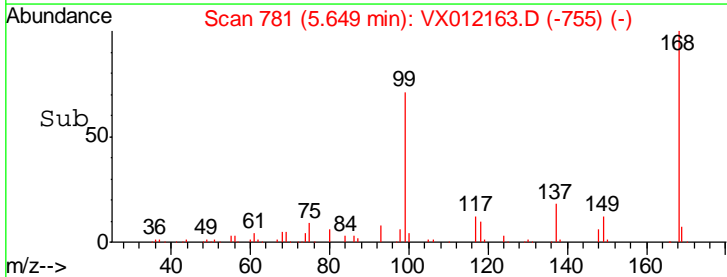
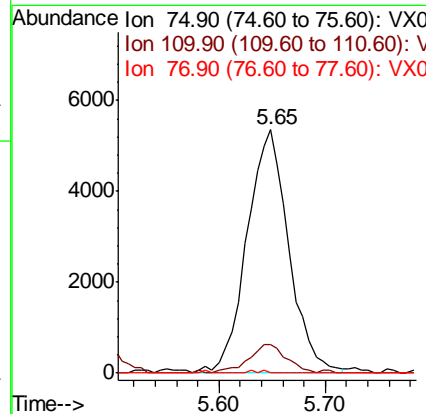
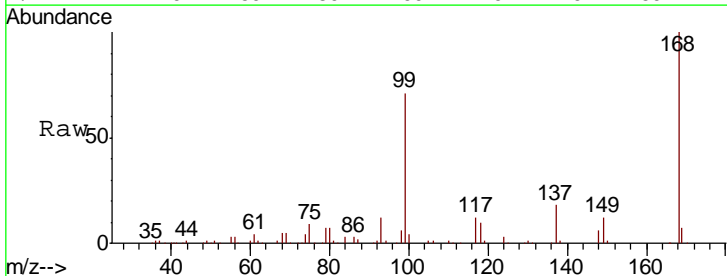
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 ClientSampled :
 SB-1-(0-2)

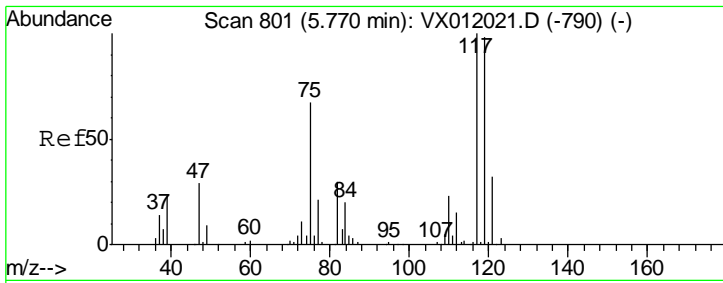
Tgt Ion	Resp	Lower	Upper
113	79478		
111	101.1	81.7	122.5
192	16.9	22.5	33.7#



#36
 1,1-Dichloropropene
 Concen: 6.102 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion	Resp	Lower	Upper
75	14700		
110	10.8	19.5	58.5#
77	0.3	24.6	37.0#

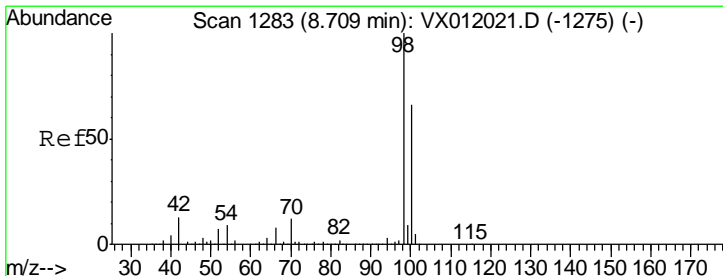
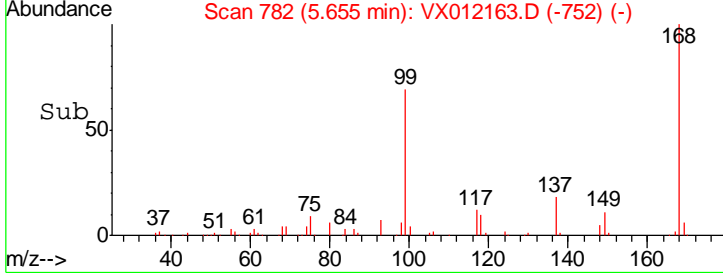
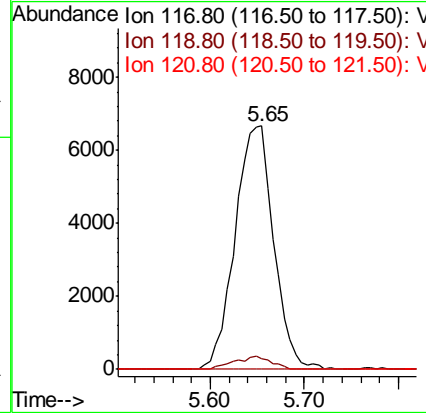
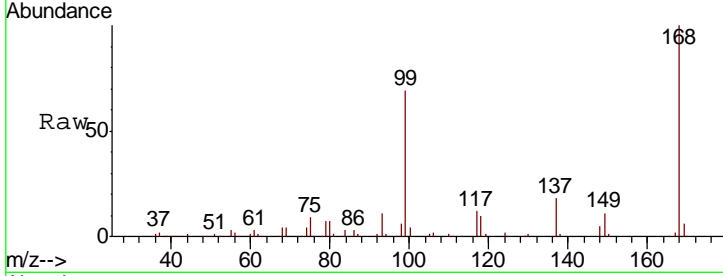




#38
 Carbon Tetrachloride
 Concen: 7.499 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

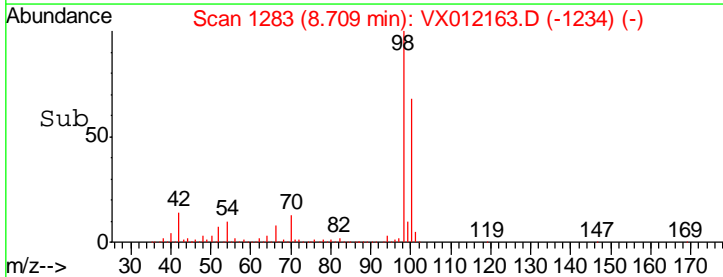
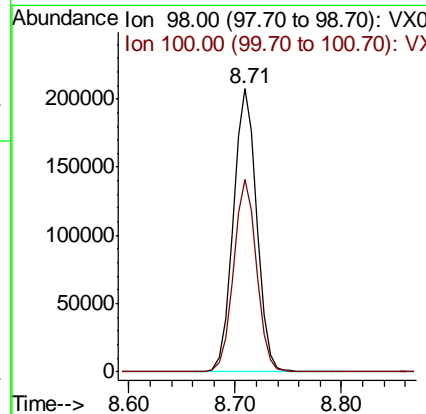
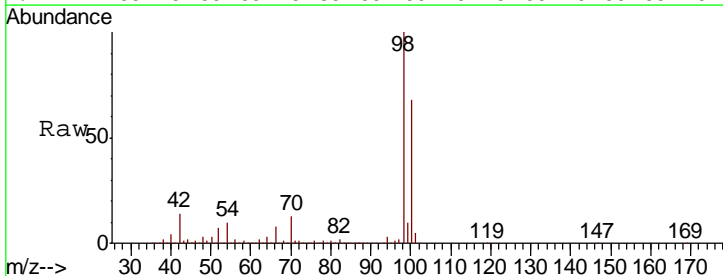
Instrument :
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 SB-1-(0-2)

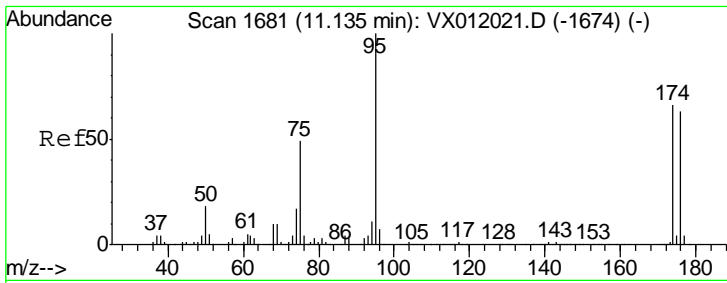
Tgt Ion	Resp	Lower	Upper
117	19036		
119	4.6	78.3	117.5#
121	0.0	24.2	36.2#



#50
 Toluene-d8
 Concen: 51.778 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion	Resp	Lower	Upper
98	319588		
100	66.9	53.3	79.9

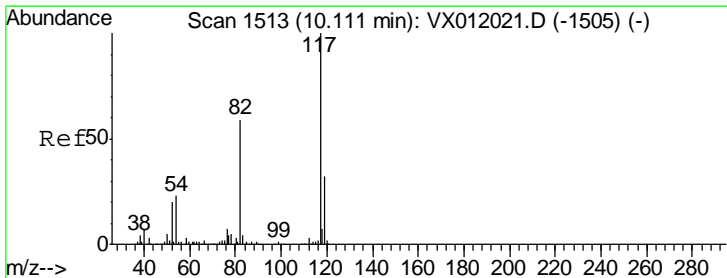
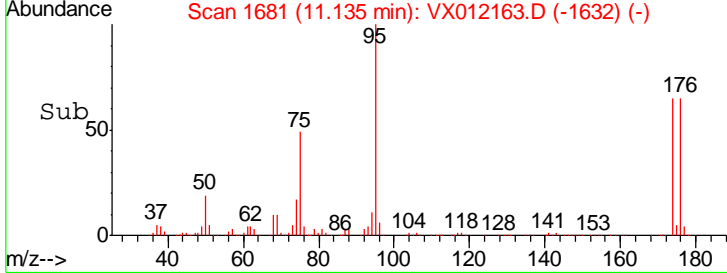
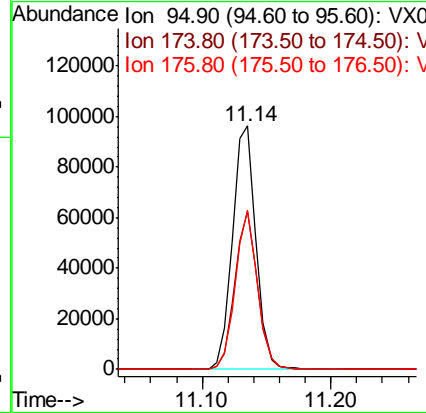
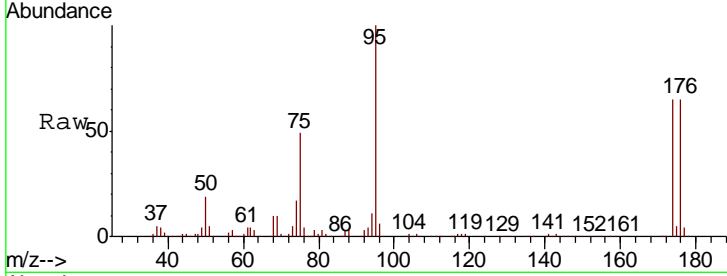




#62
 4-Bromofluorobenzene
 Concen: 43.000 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

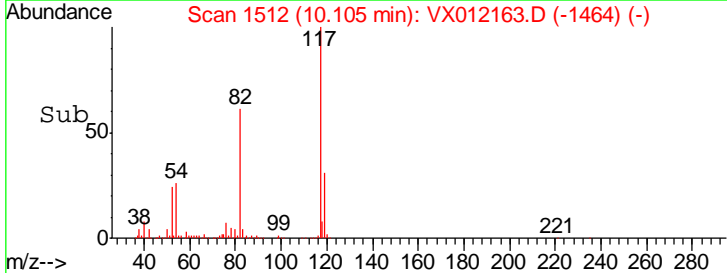
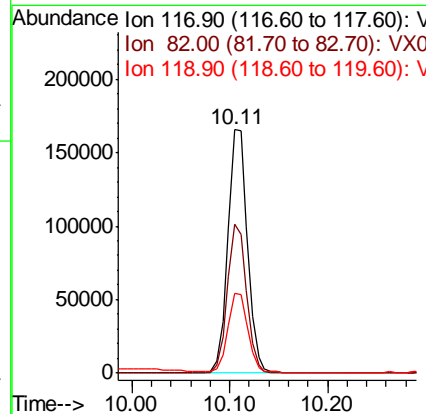
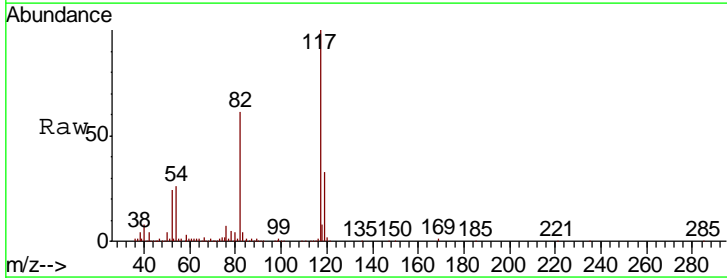
Instrument : MSVOA_X
 ClientSampled : SB-1-(0-2)

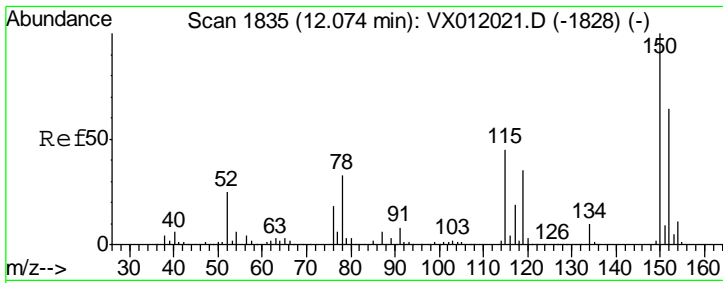
Tgt Ion	Resp	Lower	Upper
95	123431		
174	62.5	0.0	205.4
176	61.4	0.0	201.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion	Resp	Lower	Upper
117	230567		
82	61.3	39.4	59.0#
119	32.4	26.1	39.1

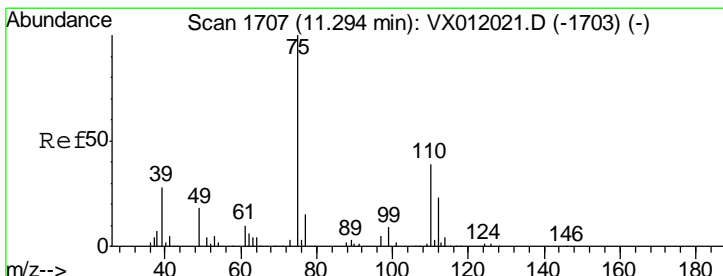
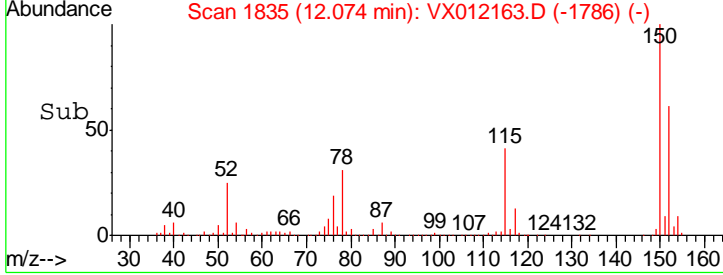
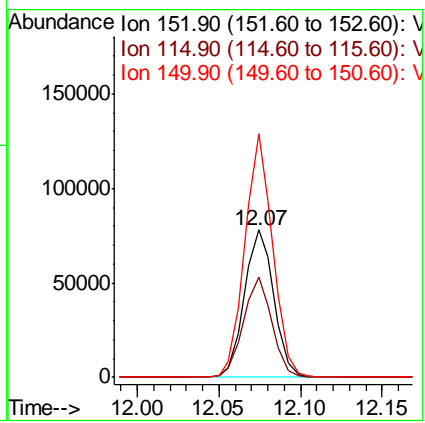
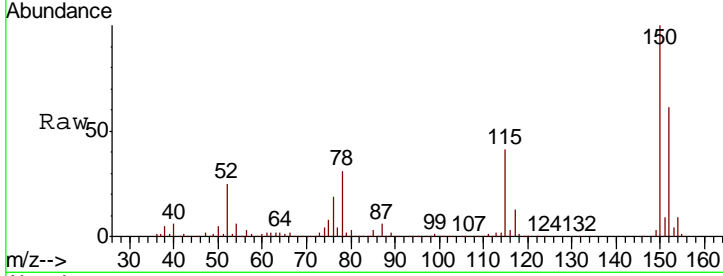




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

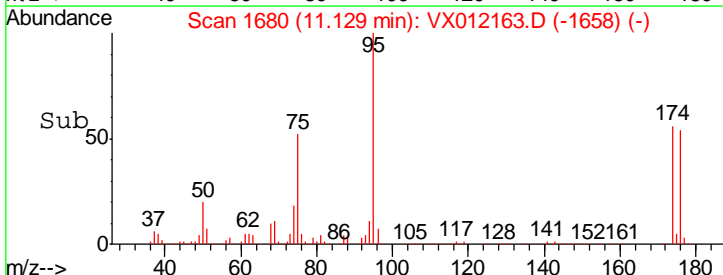
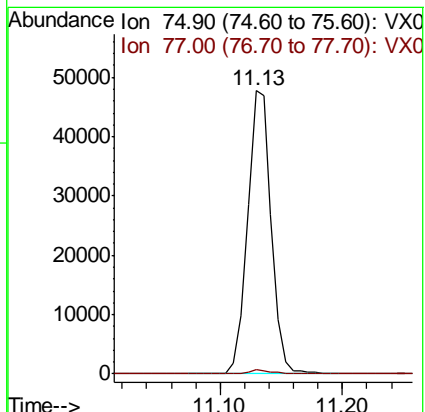
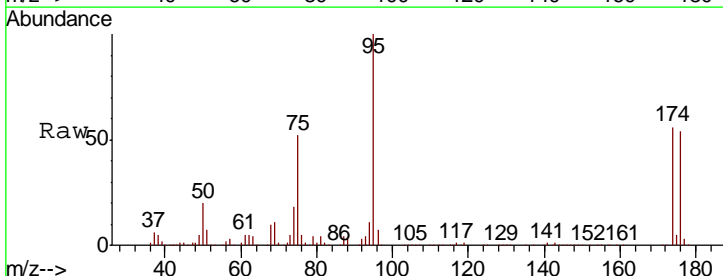
Instrument : MSVOA_X
 ClientSampled : SB-1-(0-2)

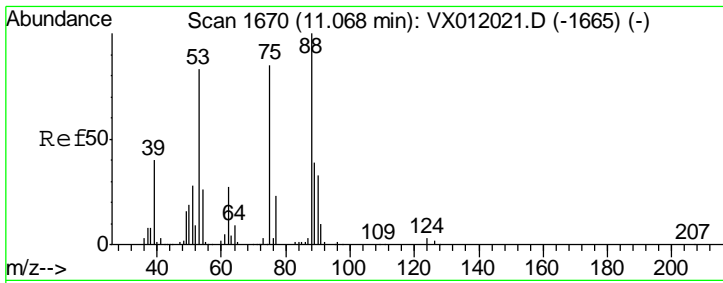
Tgt Ion	Resp	Lower	Upper
152	100		
115	66.3	36.4	109.3
150	156.4	0.0	341.2



#76
 1,2,3-Trichloropropane
 Concen: 53.303 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	23.5	70.5#

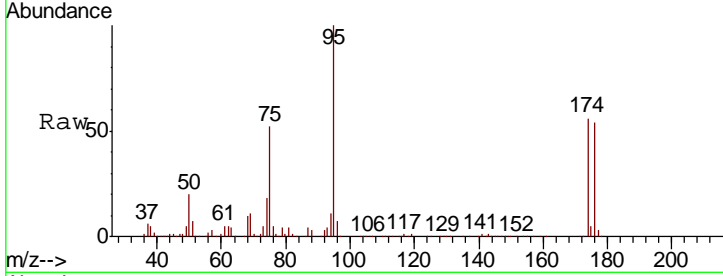




#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.017 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012163.D
 Acq: 06 Sep 2019 22:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-(0-2)

Tgt Ion	Resp	Lower	Upper
75	63983		
53	0.2	78.6	117.8#
89	0.0	38.8	58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 53.00 (52.70 to 53.70): VX0
 Ion 88.90 (88.60 to 89.60): VX0

