

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121520\
 Data File : VX020013.D
 Acq On : 15 Dec 2020 15:48
 Operator : JC/MD
 Sample : L5052-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5779-121020

Quant Time: Dec 16 00:23:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

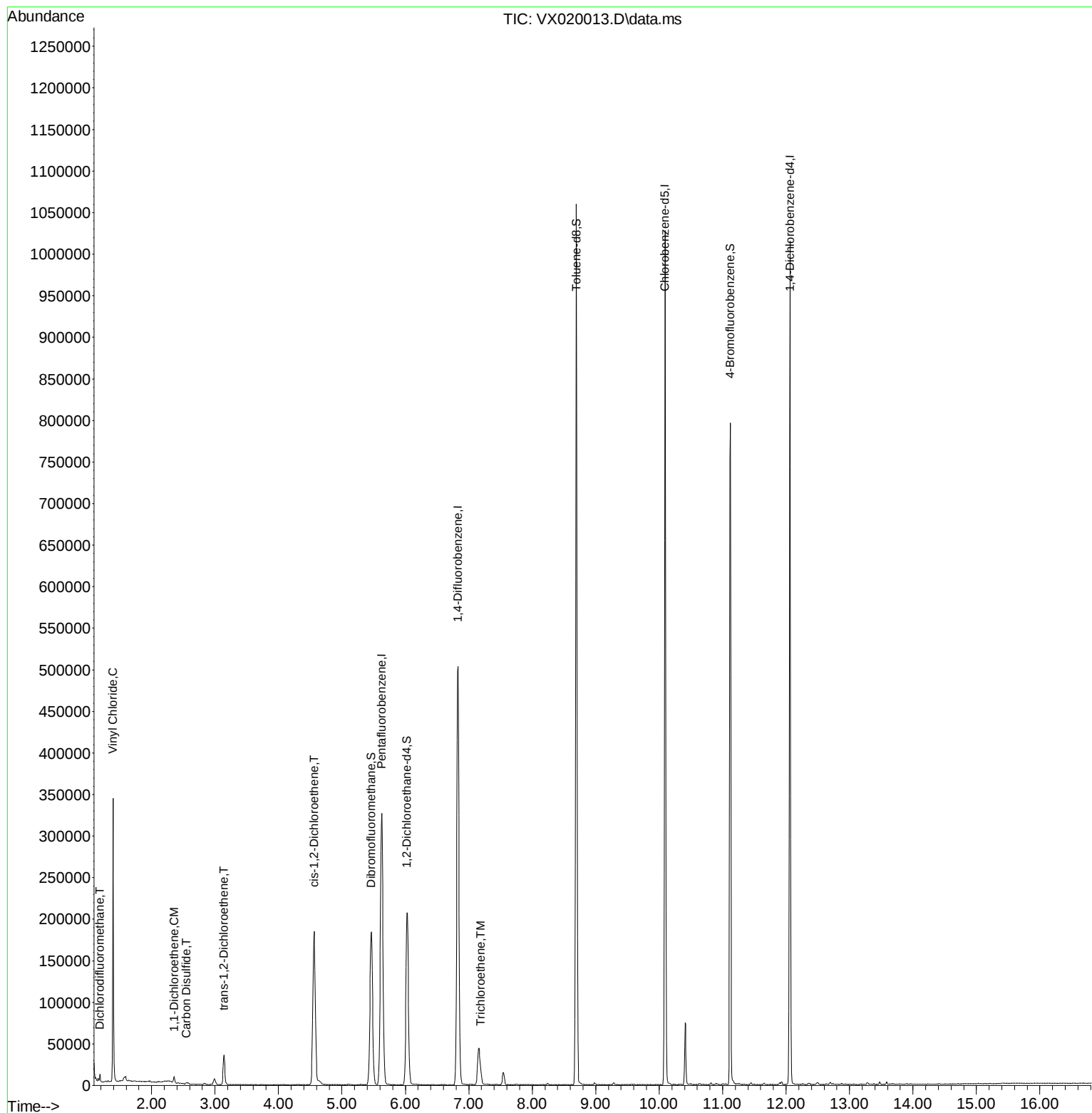
Internal Standards						
1) Pentafluorobenzene	5.629	168	311387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	520057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	481110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	208739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	200145	48.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	97.80%	
35) Dibromofluoromethane	5.464	113	160685	47.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.62%	
50) Toluene-d8	8.696	98	632331	49.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.122	95	224060	45.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	91.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	4037	1.42	ug/l	90
4) Vinyl Chloride	1.392	62	198918	56.27	ug/l	100
12) 1,1-Dichloroethene	2.355	96	2874	1.01	ug/l	97
17) Carbon Disulfide	2.550	76	2011	0.25	ug/l #	87
21) trans-1,2-Dichloroethene	3.142	96	14754	4.44	ug/l	91
27) cis-1,2-Dichloroethene	4.562	96	122029	31.35	ug/l	90
44) Trichloroethene	7.190	130	4696	1.25	ug/l	95

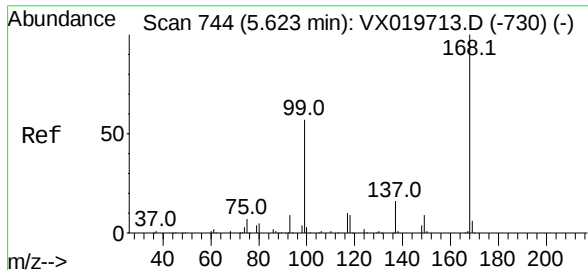
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

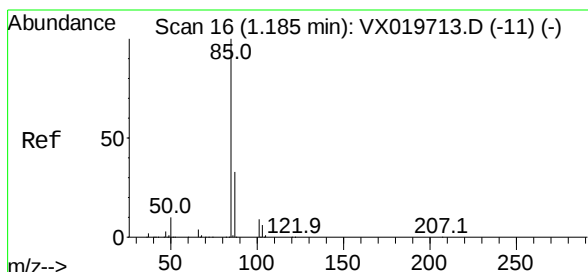
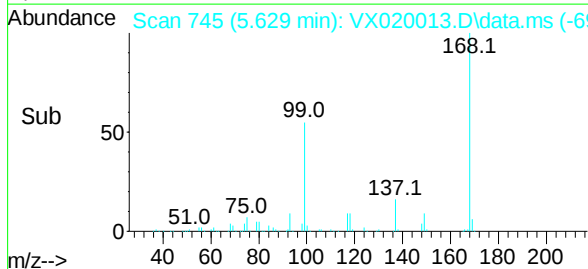
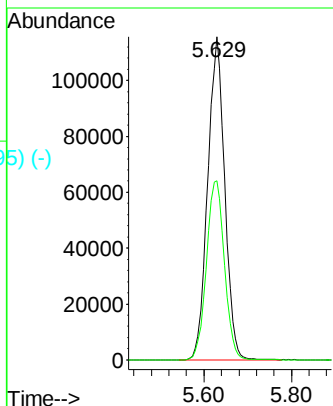
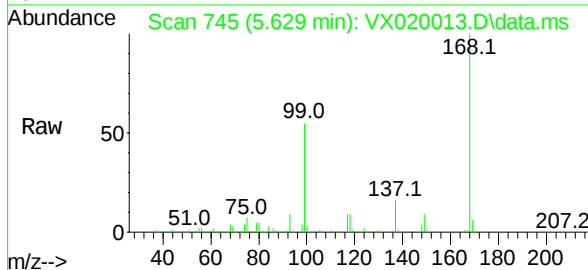




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

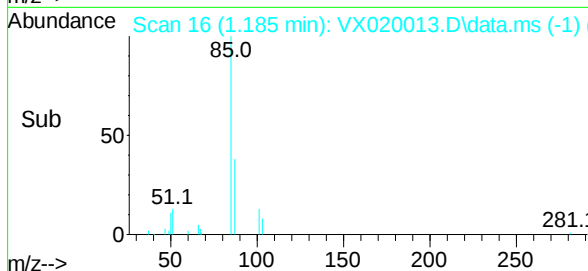
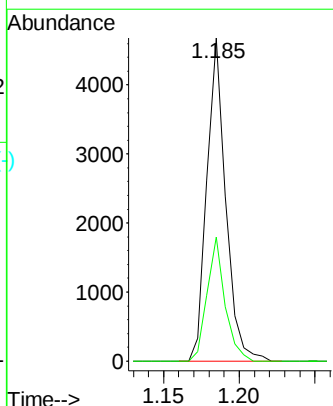
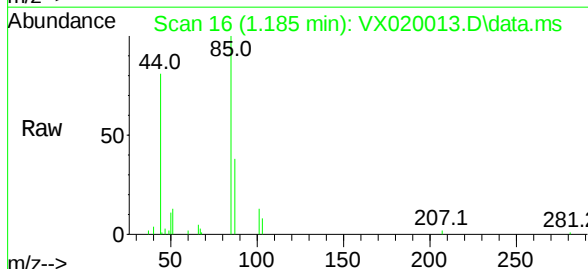
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

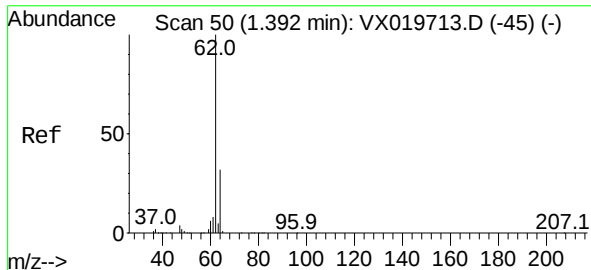
Tgt Ion:168 Resp: 311387
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.42 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 85 Resp: 4037
Ion Ratio Lower Upper
85 100
87 38.5 16.4 49.2





#4

Vinyl Chloride

Concen: 56.27 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX020013.D

Acq: 15 Dec 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

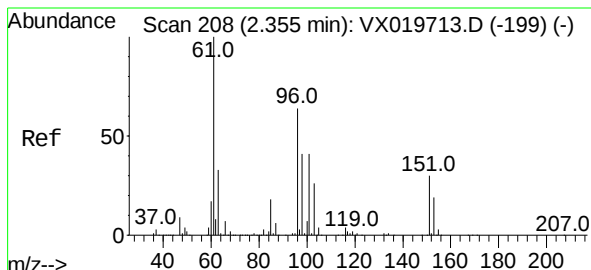
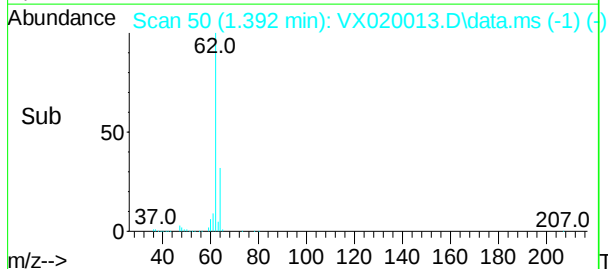
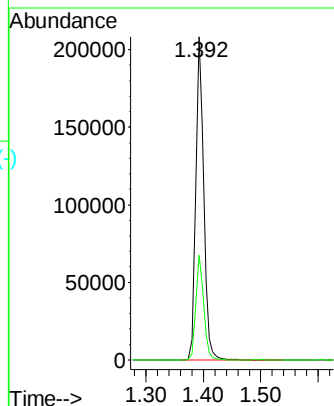
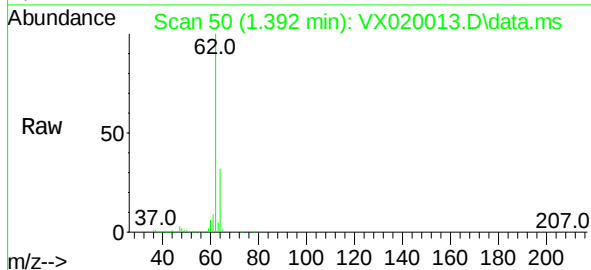
TU032-32-5779-121020

Tgt Ion: 62 Resp: 198918

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5



#12

1,1-Dichloroethene

Concen: 1.01 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX020013.D

Acq: 15 Dec 2020 15:48

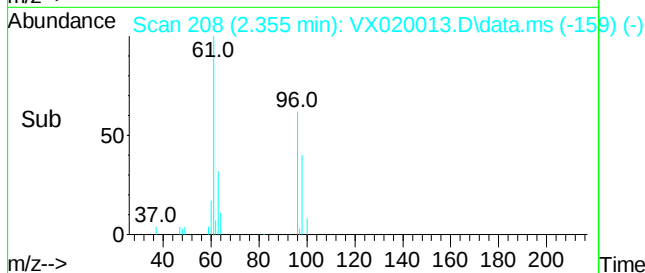
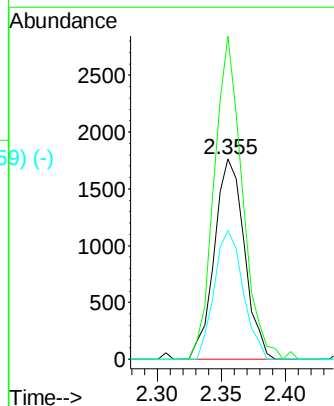
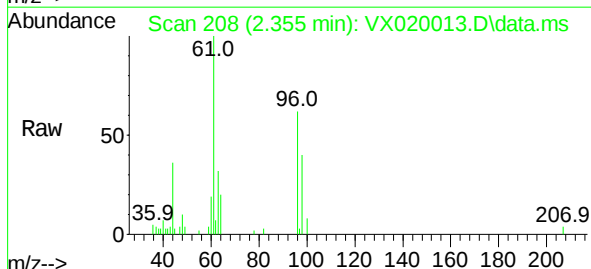
Tgt Ion: 96 Resp: 2874

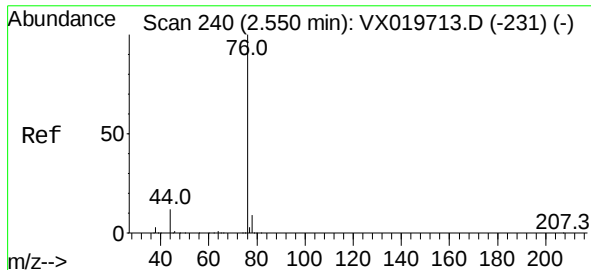
Ion Ratio Lower Upper

96 100

61 161.2 124.6 187.0

98 64.2 50.6 76.0

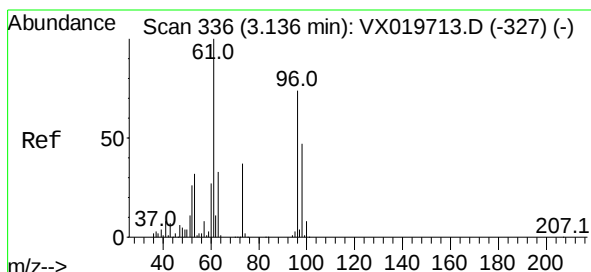
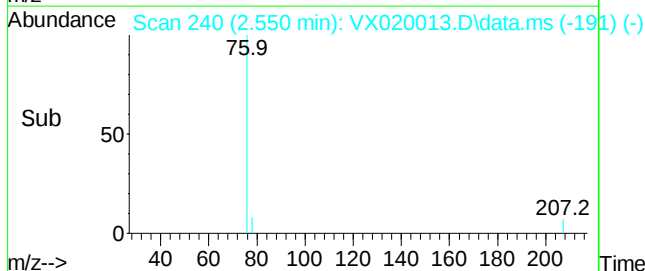
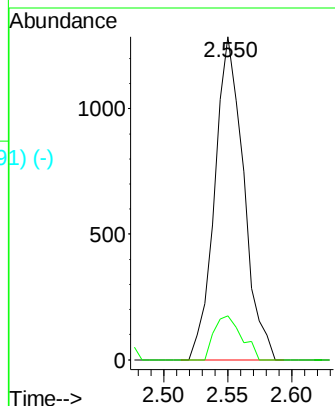
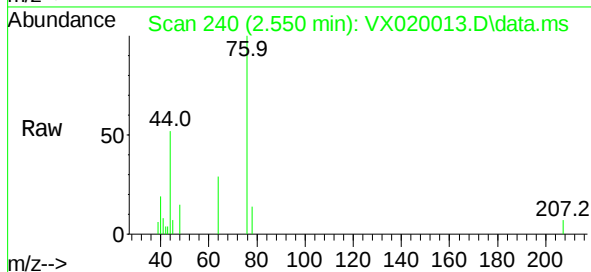




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

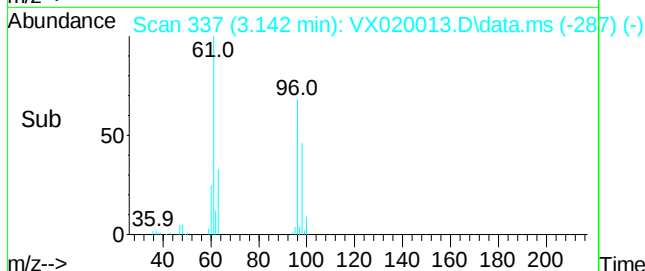
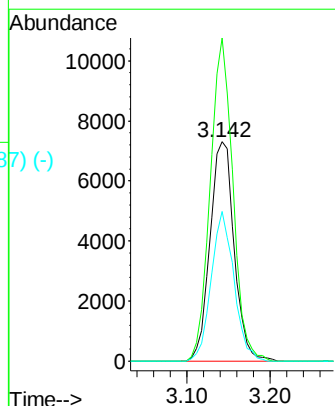
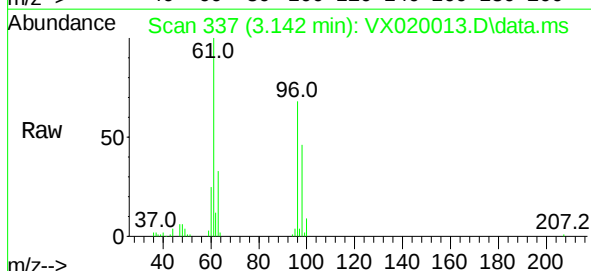
Instrument :
MSVOA_X
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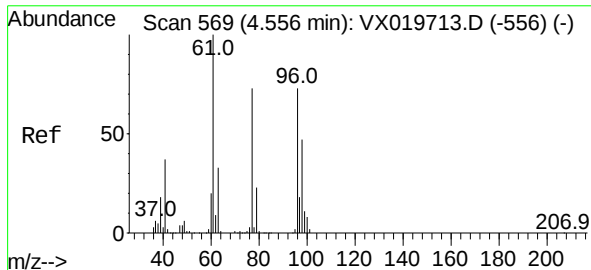
Tgt Ion: 76 Resp: 2011
Ion Ratio Lower Upper
76 100
78 13.5 7.2 10.8#



#21
trans-1,2-Dichloroethene
Concen: 4.44 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.006 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 96 Resp: 14754
Ion Ratio Lower Upper
96 100
61 147.1 107.7 161.5
98 68.2 50.4 75.6

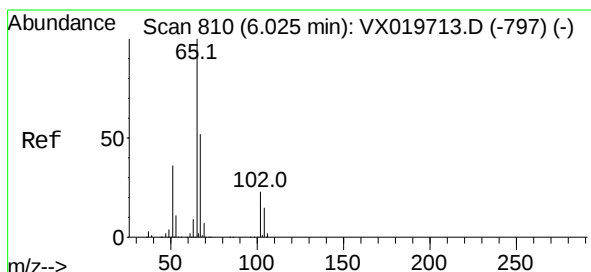
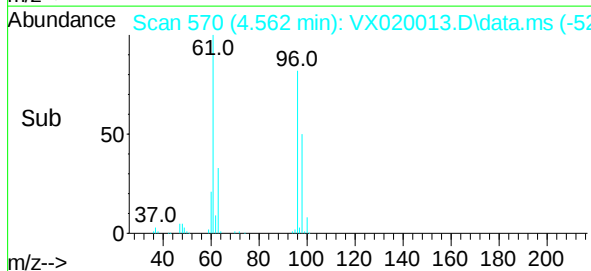
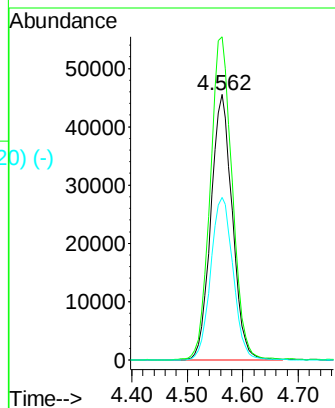
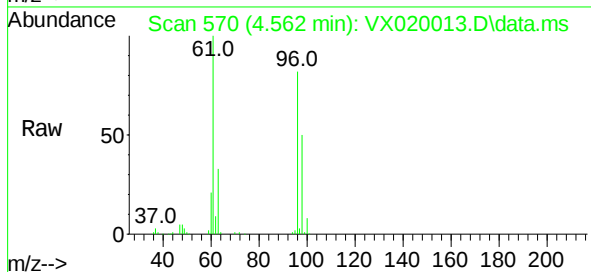




#27
 cis-1,2-Dichloroethene
 Concen: 31.35 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020013.D
 Acq: 15 Dec 2020 15:48

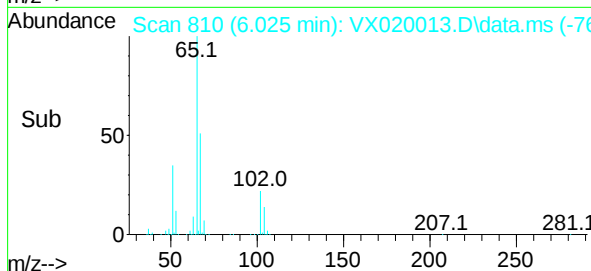
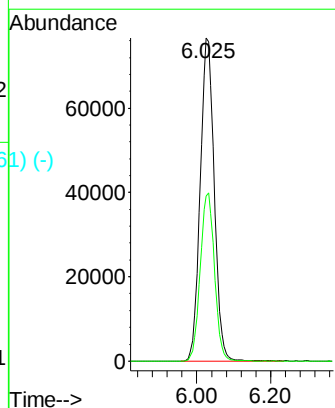
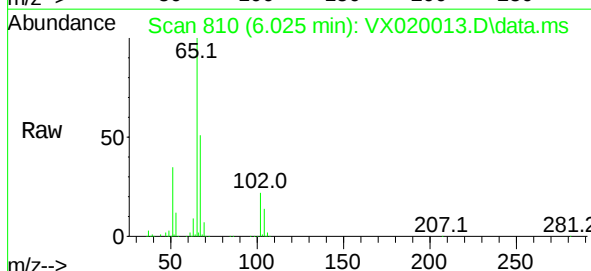
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5779-121020

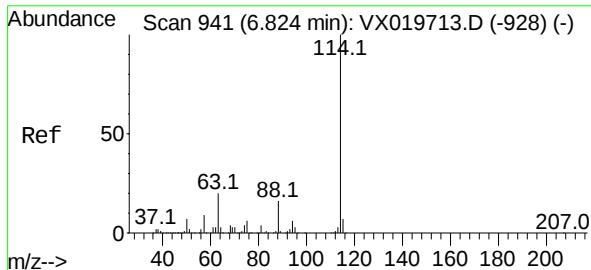
Tgt Ion:	96	Resp:	122029
Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	285.6
98	63.8	0.0	129.6



#33
 1,2-Dichloroethane-d4
 Concen: 48.90 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020013.D
 Acq: 15 Dec 2020 15:48

Tgt Ion:	65	Resp:	200145
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4

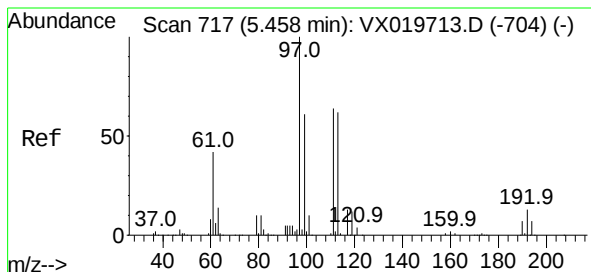
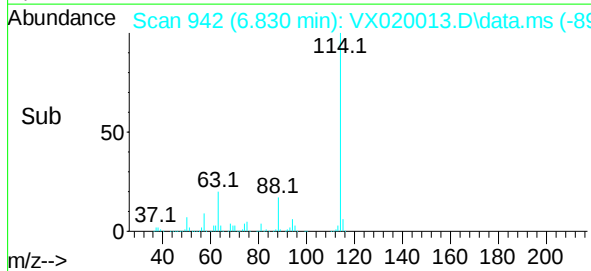
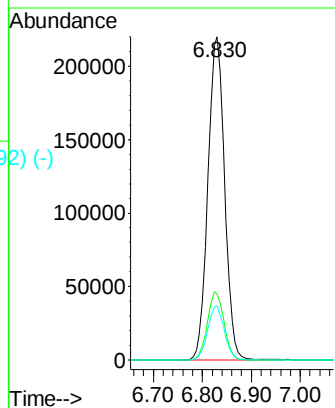
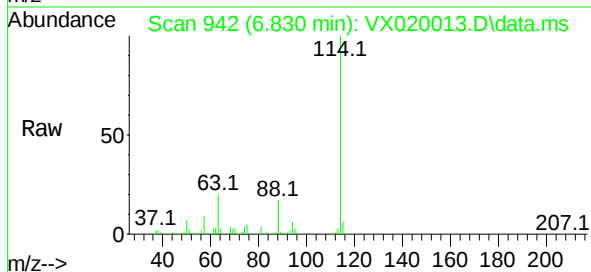




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

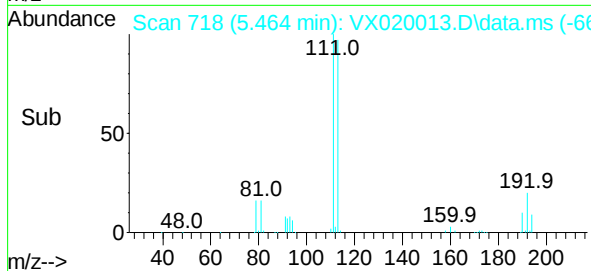
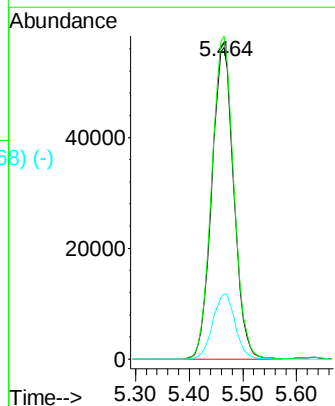
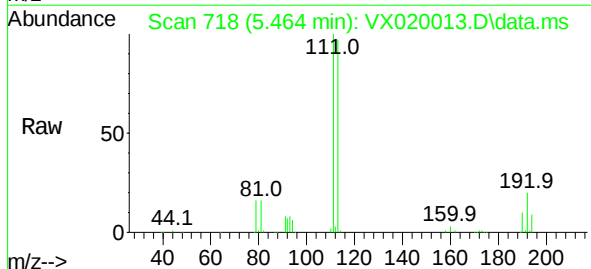
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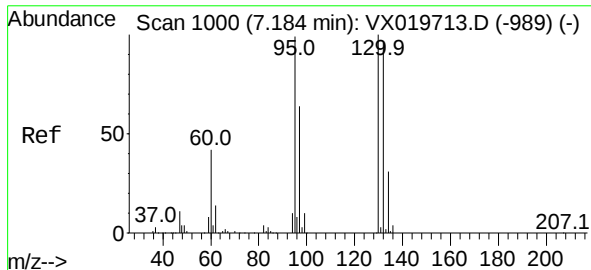
Tgt Ion:114	Resp: 520057
Ion Ratio	Lower Upper
114 100	
63 20.4	0.0 40.8
88 16.9	0.0 32.8



#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion:113	Resp: 160685
Ion Ratio	Lower Upper
113 100	
111 103.8	81.9 122.9
192 21.3	16.7 25.1

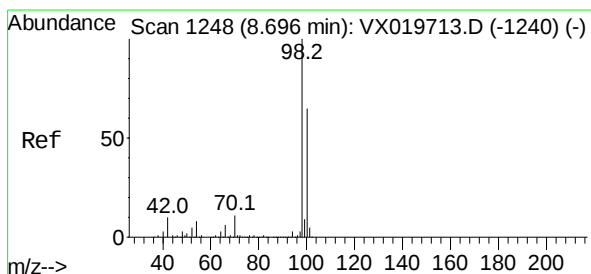
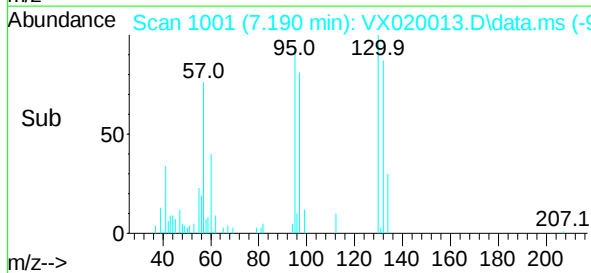
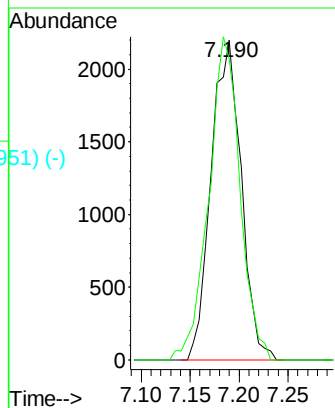
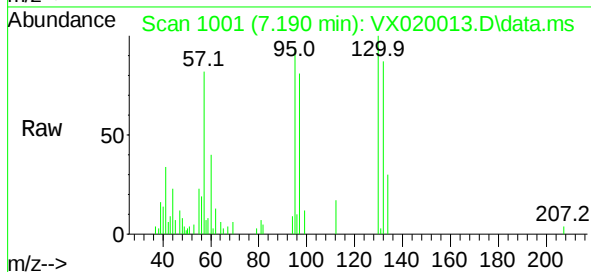




#44
Trichloroethene
Concen: 1.25 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

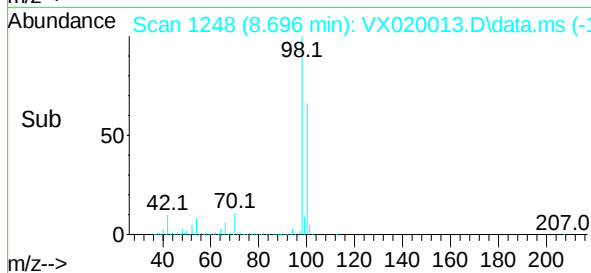
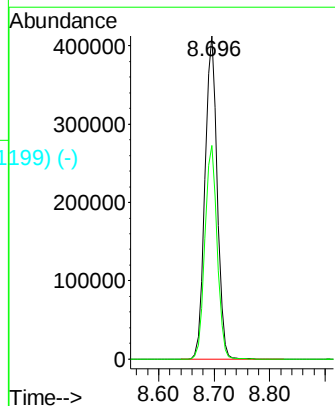
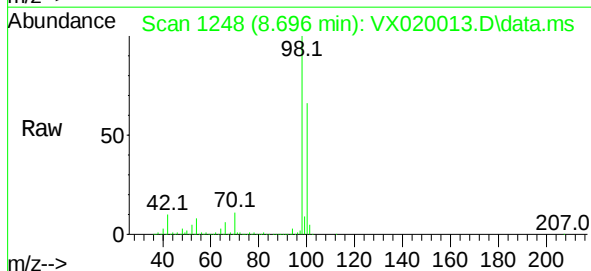
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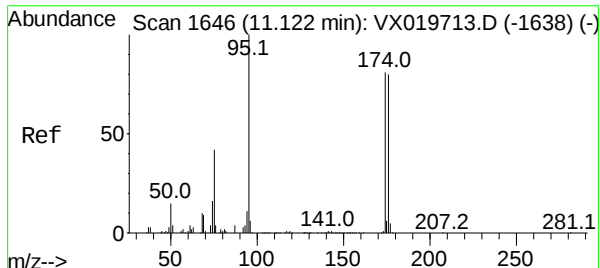
Tgt Ion:130 Resp: 4696
Ion Ratio Lower Upper
130 100
95 94.1 0.0 198.0



#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 98 Resp: 632331
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

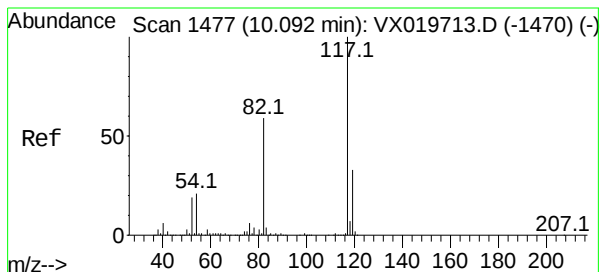
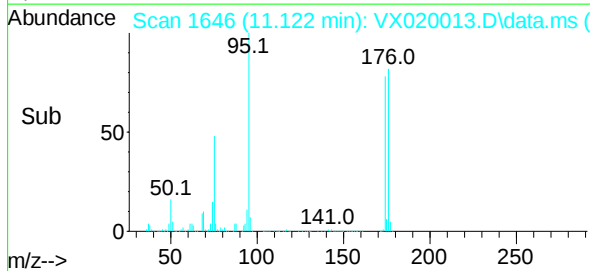
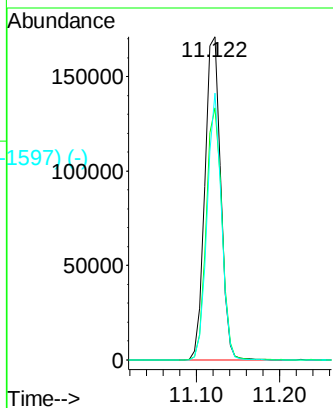
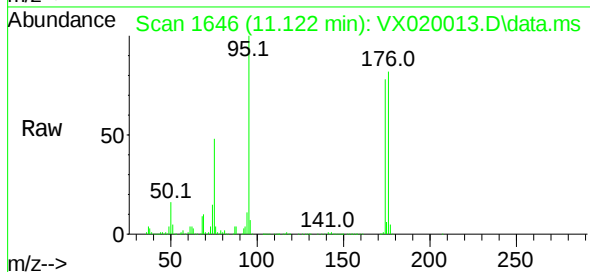




#62
4-Bromofluorobenzene
Concen: 45.88 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

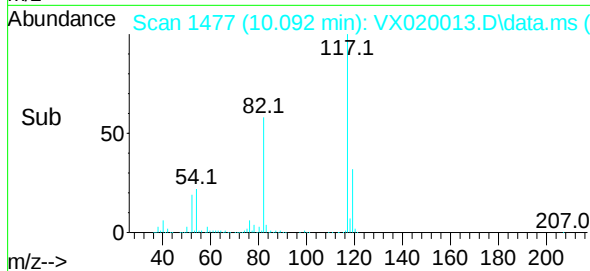
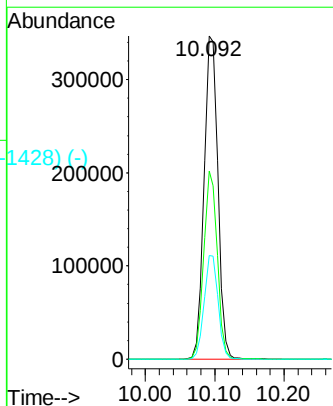
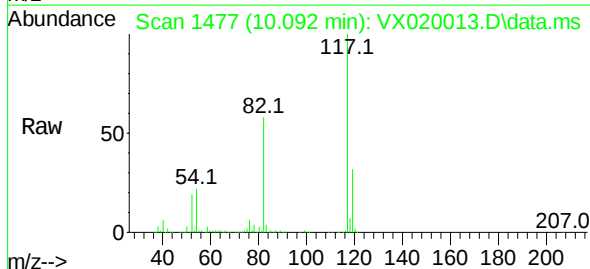
Instrument :
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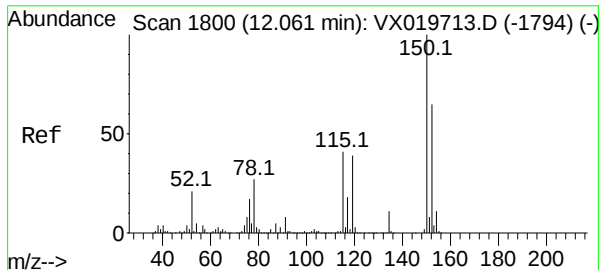
Tgt Ion:	95	Resp:	224060
Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.6
176	74.7	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

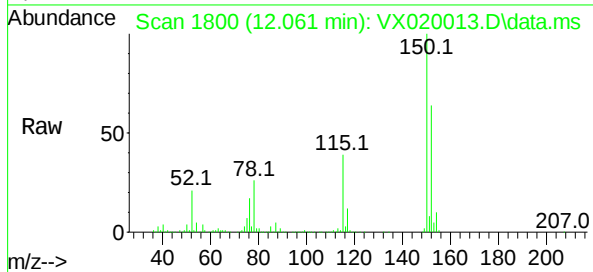
Tgt Ion:	117	Resp:	481110
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	32.0	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VX020013.D
 Acq: 15 Dec 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:	152	Resp:	208739
Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.1	123.3
150	154.1	0.0	349.0

