

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020187.D
 Acq On : 19 Dec 2020 21:26
 Operator : JC/MD
 Sample : L5096-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5573(D)-121220

Quant Time: Dec 21 02:37:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

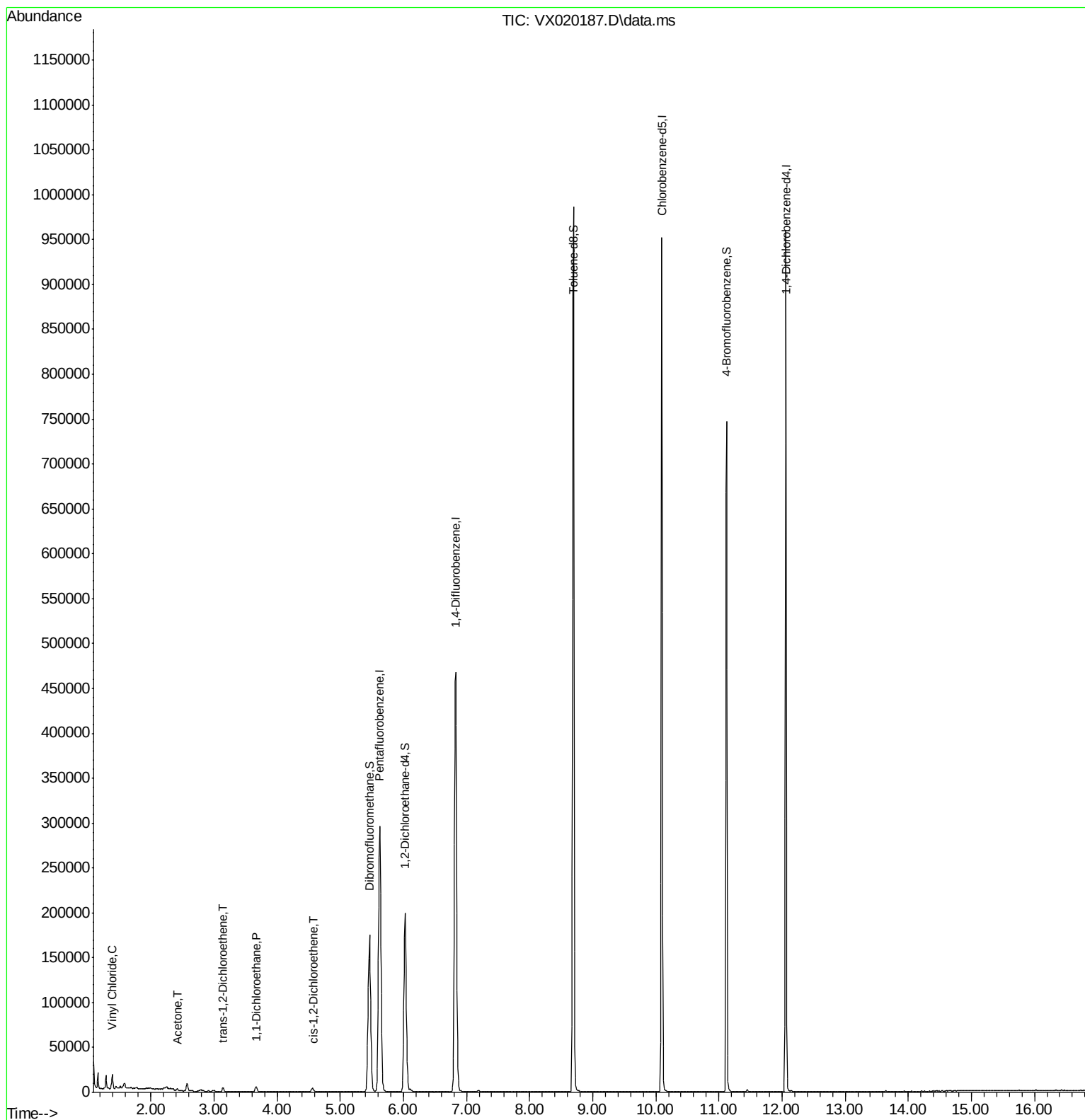
Internal Standards						
1) Pentafluorobenzene	5.629	168	285620	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	481472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	443654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	190062	49.64	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	99.28%	
35) Dibromofluoromethane	5.464	113	153736	49.91	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.82%	
50) Toluene-d8	8.695	98	581686	49.06	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.122	95	203160	44.77	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	89.54%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	3939	1.01	ug/l	98
16) Acetone	2.416	43	1864	1.07	ug/l	93
21) trans-1,2-Dichloroethene	3.142	96	1888	0.53	ug/l	97
24) 1,1-Dichloroethane	3.672	63	6265	1.01	ug/l	99
27) cis-1,2-Dichloroethene	4.568	96	2455	0.61	ug/l	92

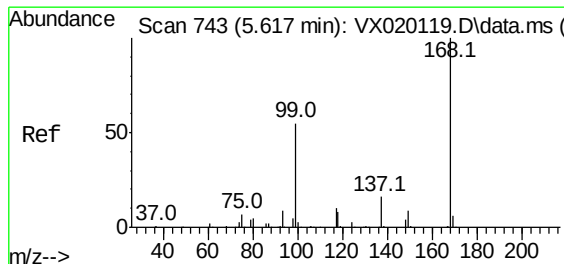
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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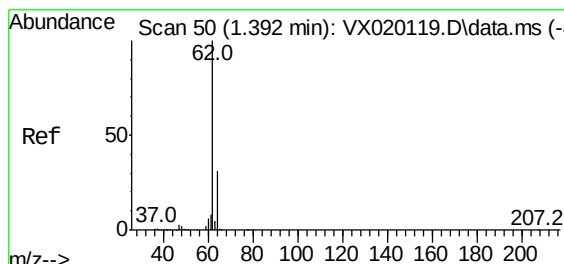
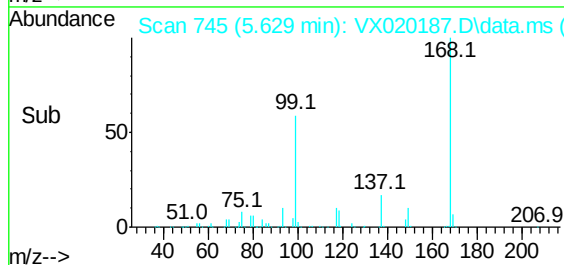
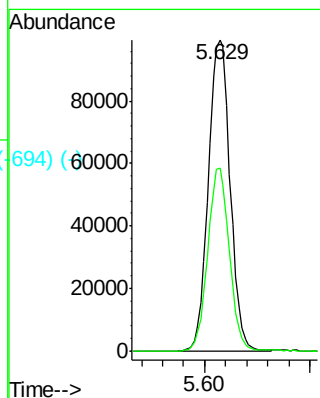
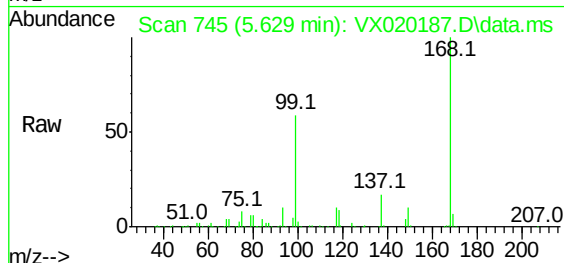




Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26

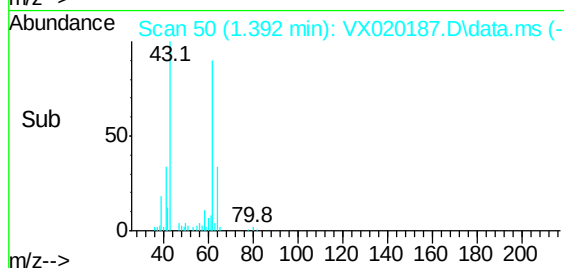
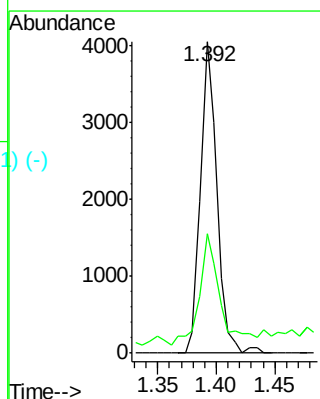
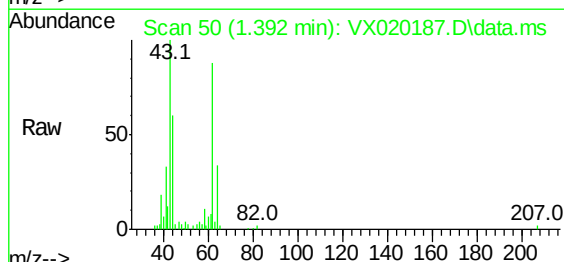
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5573(D)-121220

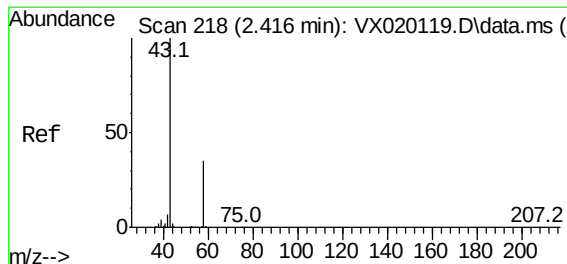
Tgt Ion:168 Resp: 285620
 Ion Ratio Lower Upper
 168 100
 99 59.0 45.8 68.6



Vinyl Chloride
 Concen: 1.01 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26

Tgt Ion: 62 Resp: 3939
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.7 38.5

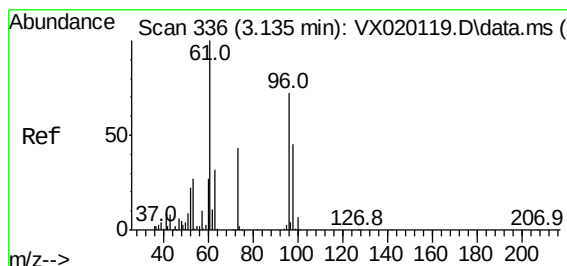
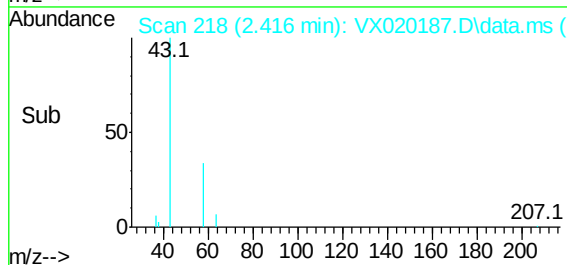
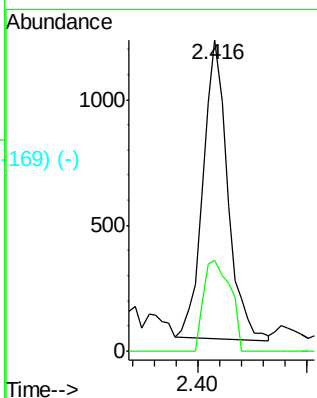
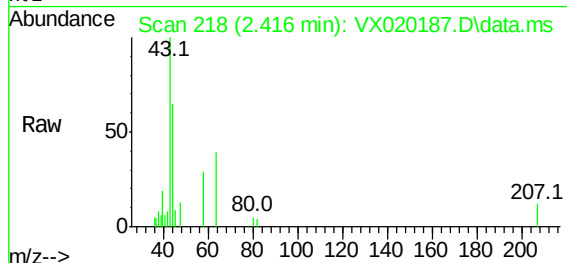




Acetone
Concen: 1.07 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

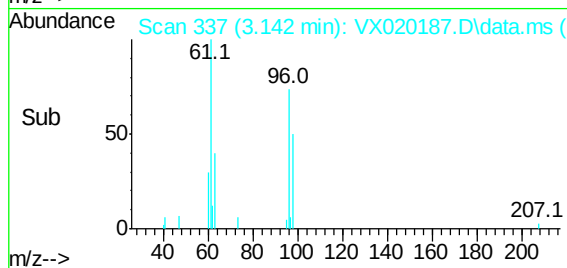
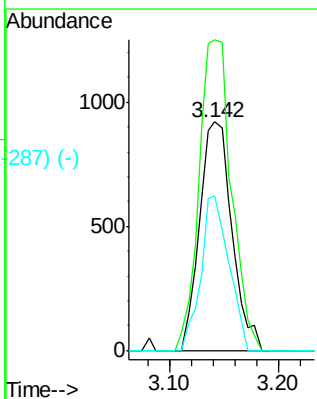
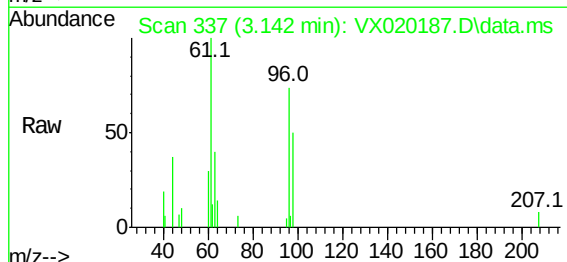
Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

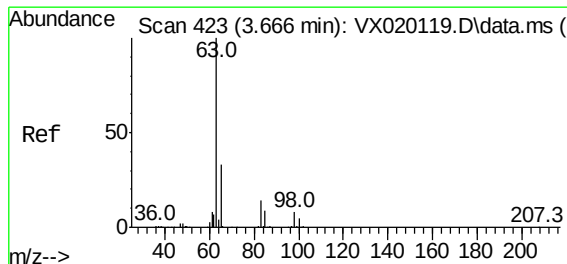
Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



trans-1,2-Dichloroethene
Concen: 0.53 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion: 96 Resp: 1888
Ion Ratio Lower Upper
96 100
61 135.9 107.7 161.5
98 67.9 50.4 75.6

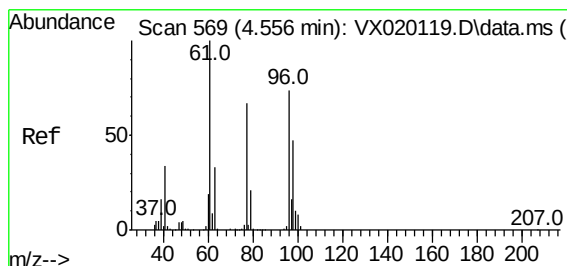
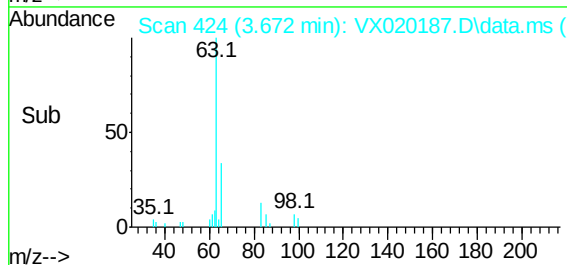
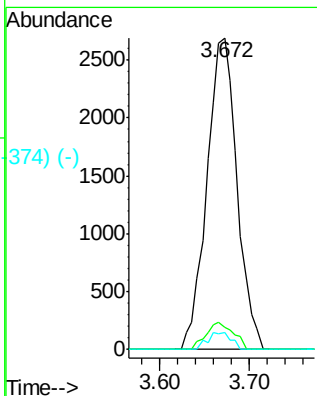
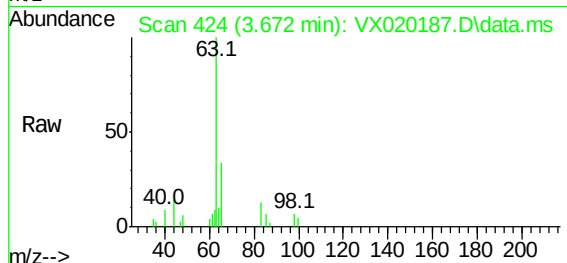




1,1-Dichloroethane
Concen: 1.01 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

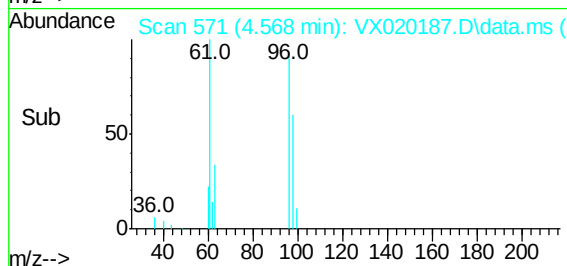
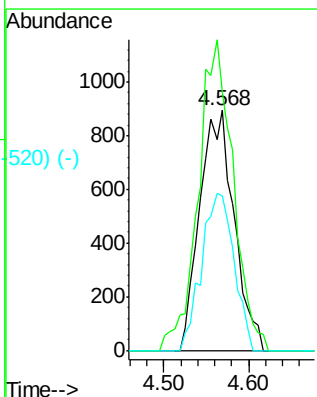
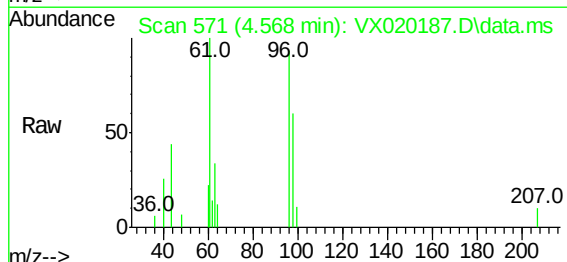
Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

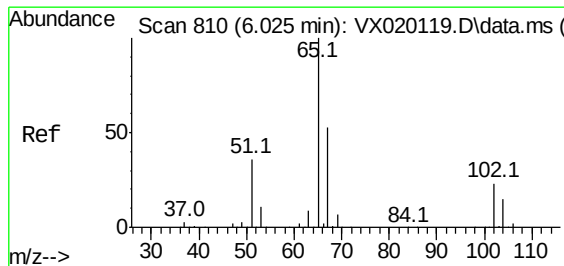
Tgt Ion: 63 Resp: 6265
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.2
100 5.4 2.5 7.5



cis-1,2-Dichloroethene
Concen: 0.61 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion: 96 Resp: 2455
Ion Ratio Lower Upper
96 100
61 131.0 0.0 285.6
98 61.8 0.0 129.6

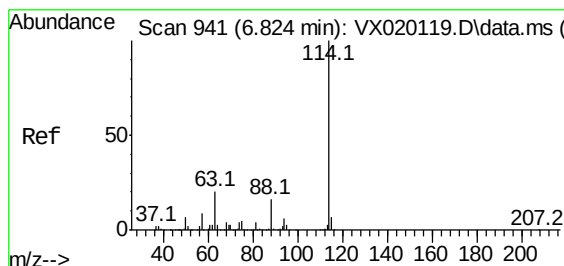
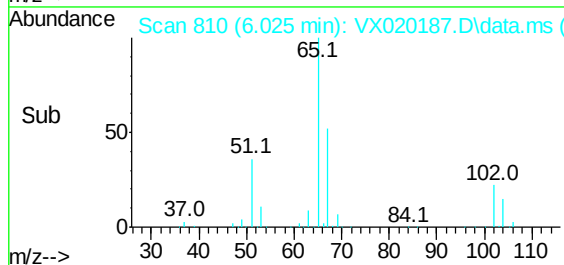
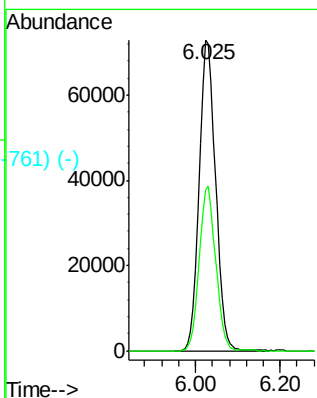
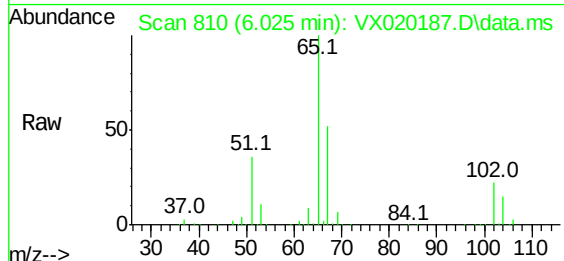




1,2-Dichloroethane-d4
Concen: 49.64 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

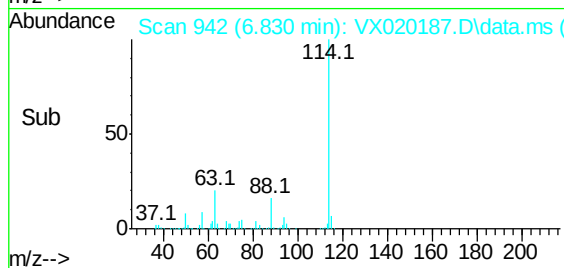
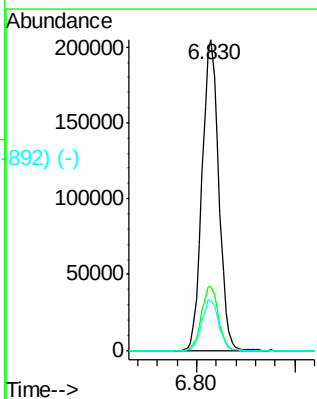
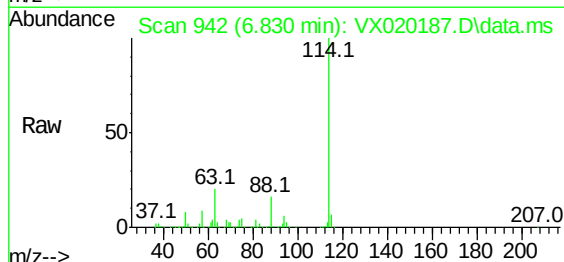
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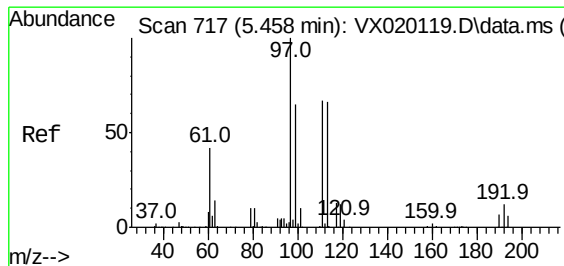
Tgt Ion: 65 Resp: 190062
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion:114 Resp: 481472
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.0 0.0 32.8

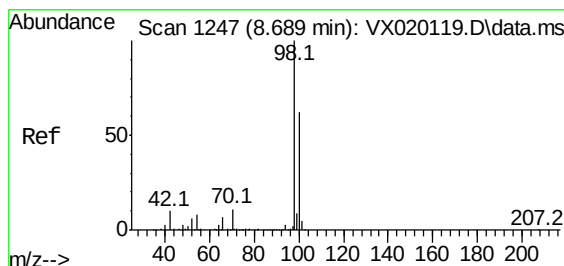
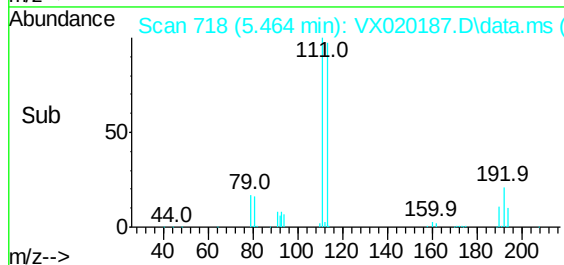
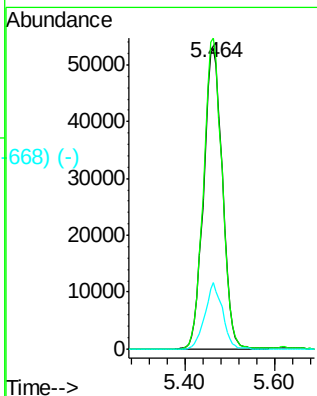
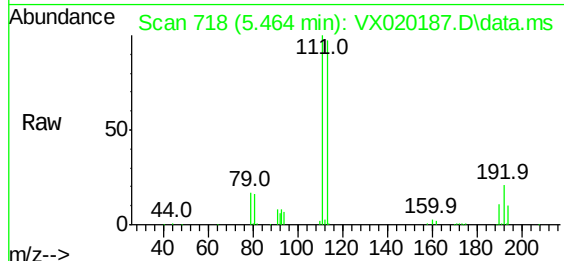




Dibromofluoromethane
Concen: 49.91 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

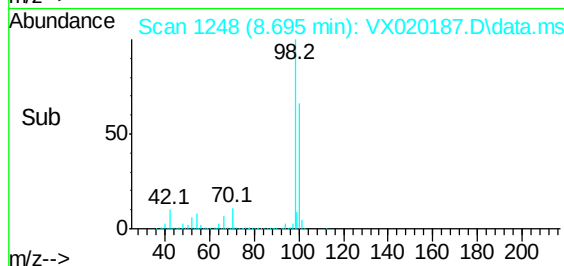
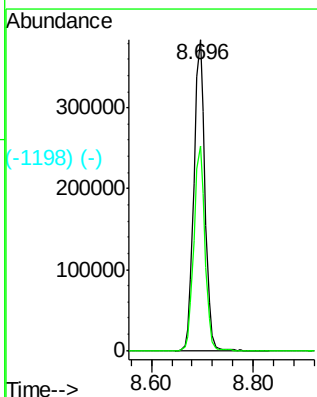
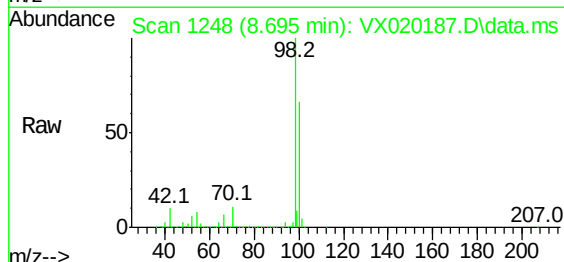
Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

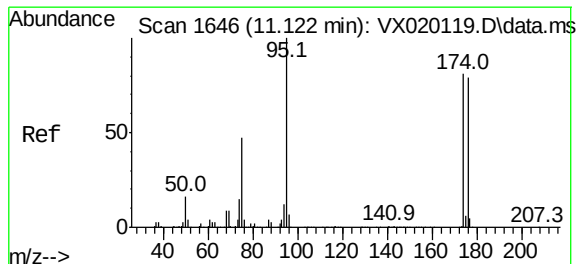
Tgt Ion:113 Resp: 153736
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 20.3 16.7 25.1



To Luene-d8
Concen: 49.06 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

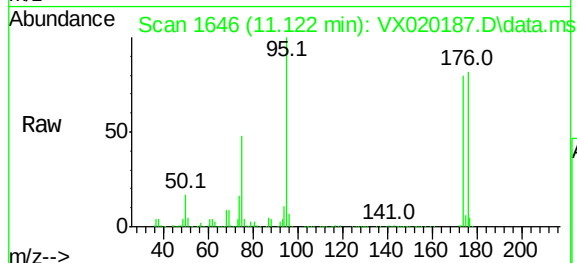
Tgt Ion: 98 Resp: 581686
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9





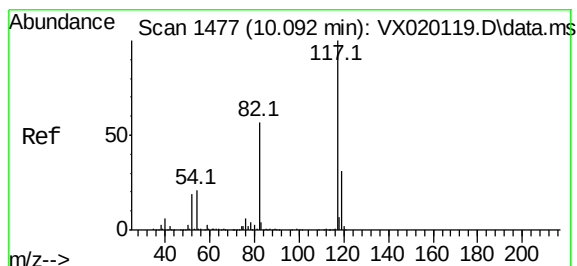
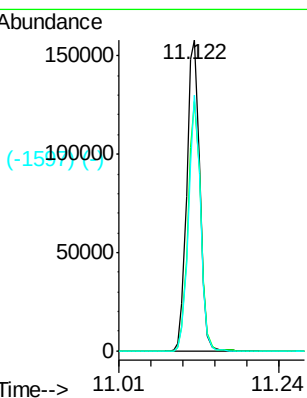
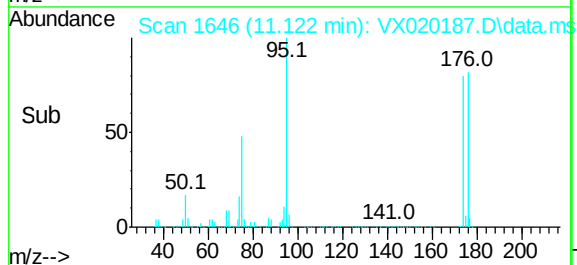
Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 44.77 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26

Instrument :
 MSVOA_X
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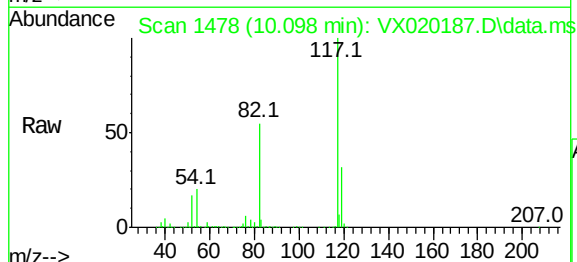


Tgt Ion: 95 Resp: 203160

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	154.6
176	75.3	0.0	155.8

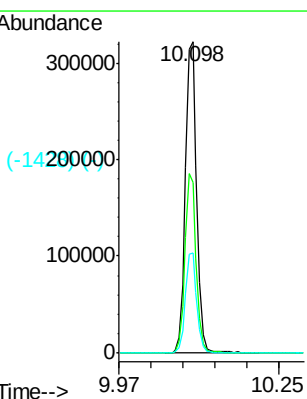
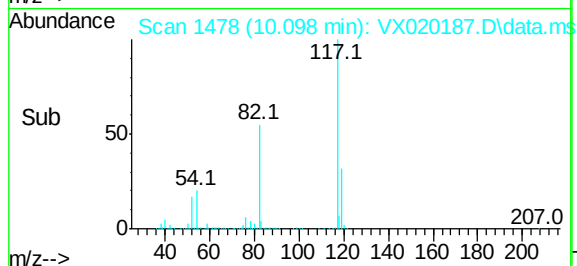


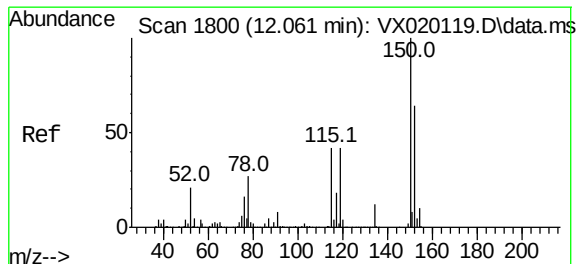
Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26



Tgt Ion: 117 Resp: 443654

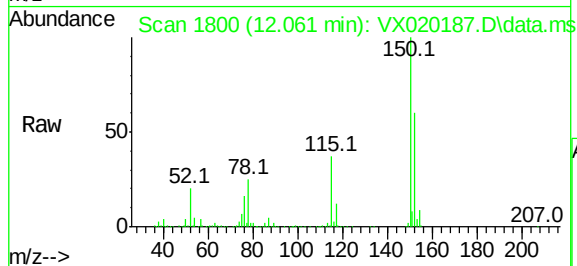
Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.4	71.2
119	32.0	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26

Instrument :
 MSVOA_X
ClientSampleId :
 49-5573(D)-121220



Tgt Ion:152 Resp: 188218

Ion	Ratio	Lower	Upper
152	100		
115	61.7	41.1	123.3
150	161.1	0.0	349.0

