

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020227.D
 Acq On : 20 Dec 2020 14:27
 Operator : JC/MD
 Sample : L5095-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW106-121420

Quant Time: Dec 21 02:51:49 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)

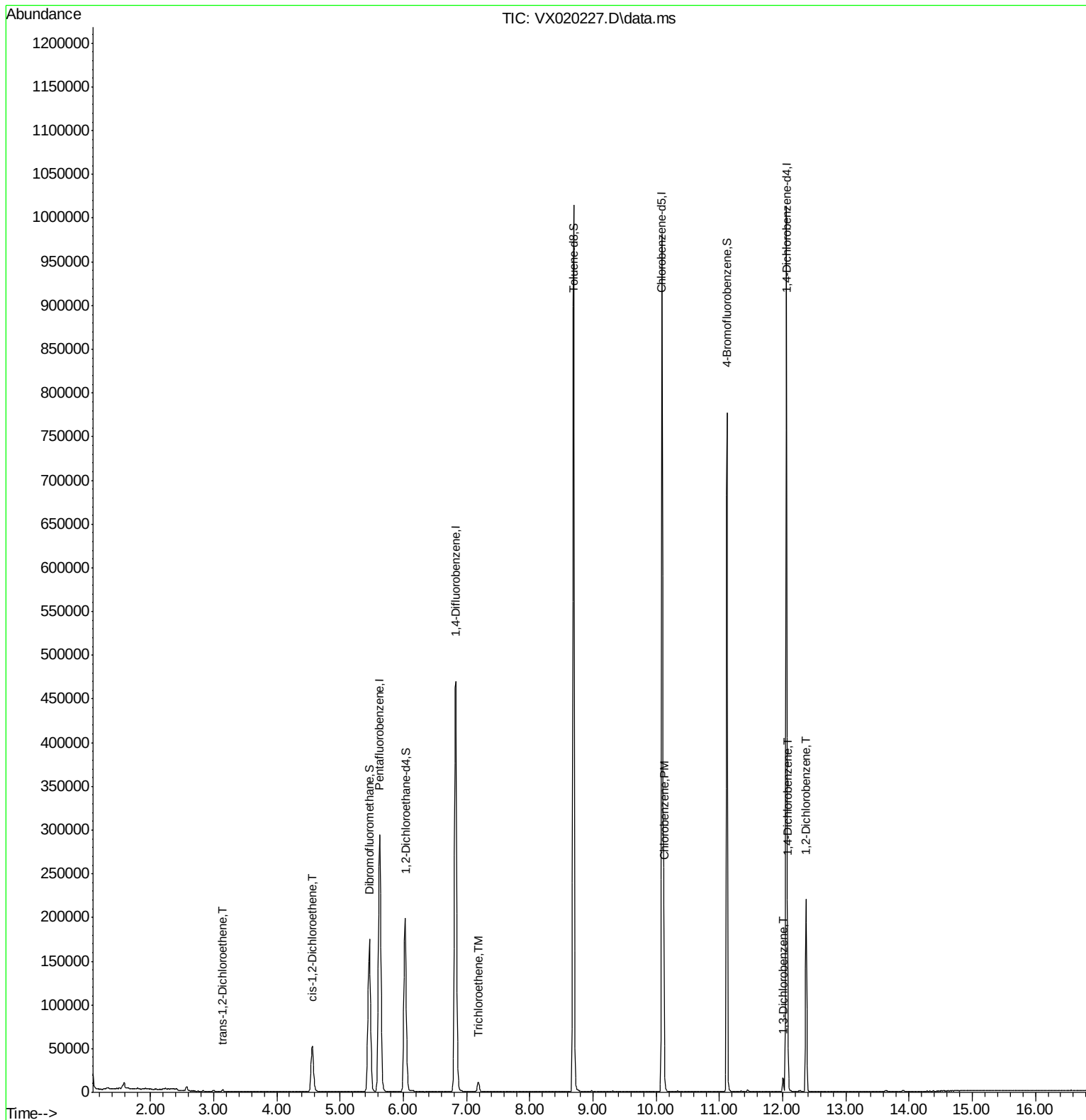
Internal Standards						
1) Pentafluorobenzene	5.629	168	282362	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	483263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	458816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	200496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	190179	50.25	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.50%	
35) Dibromofluoromethane	5.464	113	152929	49.47	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.94%	
50) Toluene-d8	8.696	98	593682	49.89	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.122	95	209832	46.07	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	92.14%	
Target Compounds						
						Qvalue
21) trans-1,2-Dichloroethene	3.136	96	816	0.23	ug/l	83
27) cis-1,2-Dichloroethene	4.562	96	34219	8.66	ug/l	91
44) Trichloroethene	7.190	130	4362	1.14	ug/l	96
65) Chlorobenzene	10.122	112	93997	9.55	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	5256	0.77	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	45258	6.34	ug/l	97
91) 1,2-Dichlorobenzene	12.372	146	69341	10.19	ug/l	100

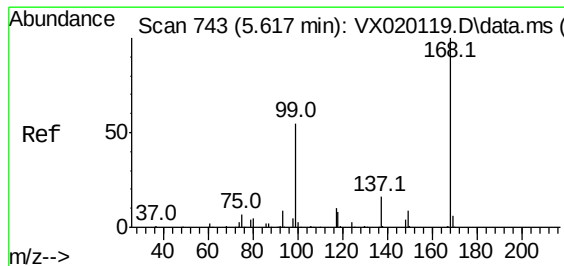
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

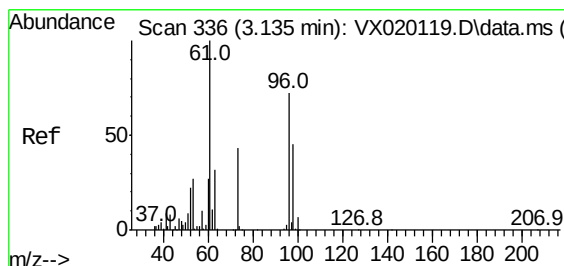
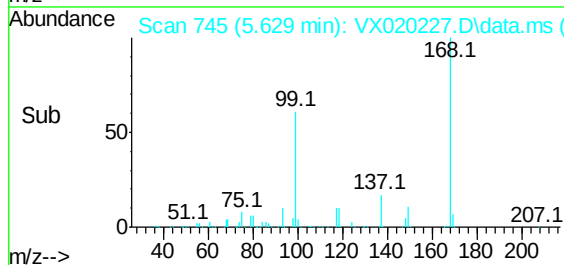
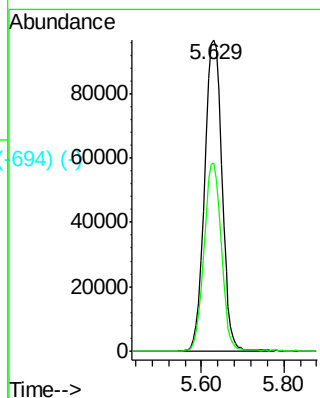
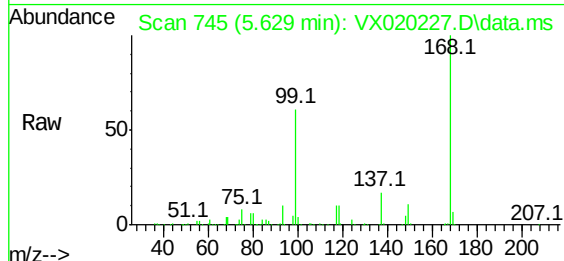




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

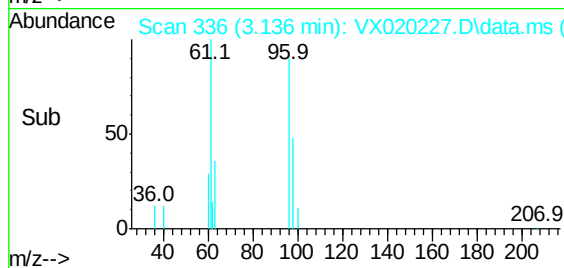
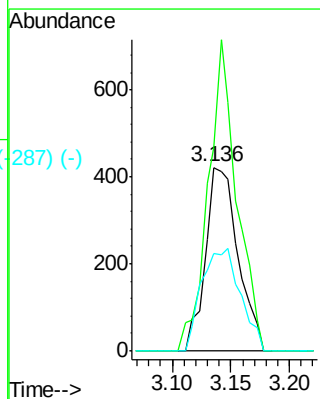
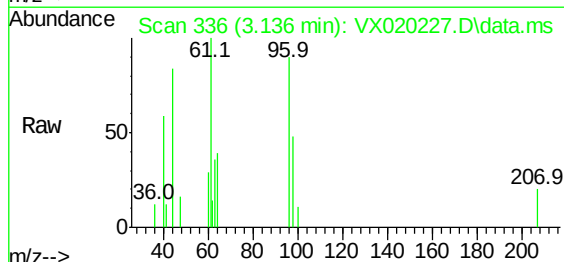
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

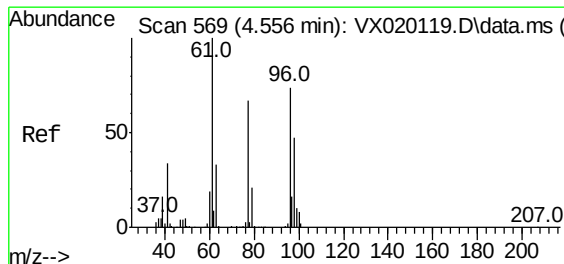
Tgt Ion:168 Resp: 282362
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.001 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

Tgt Ion: 96 Resp: 816
Ion Ratio Lower Upper
96 100
61 111.4 107.7 161.5
98 53.0 50.4 75.6

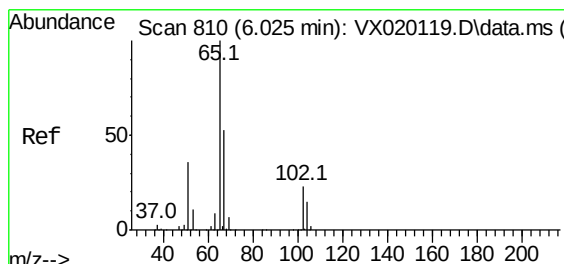
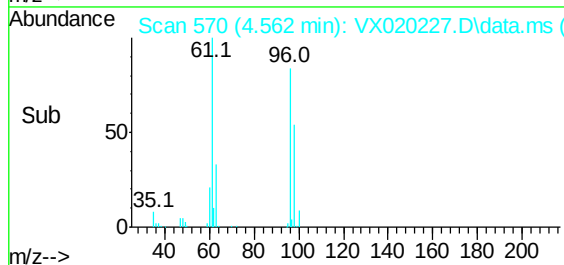
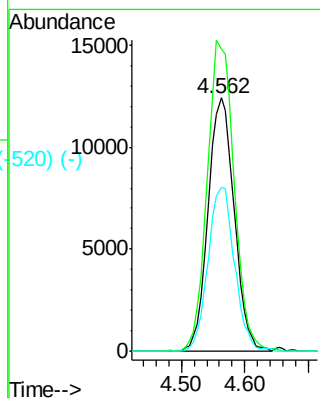
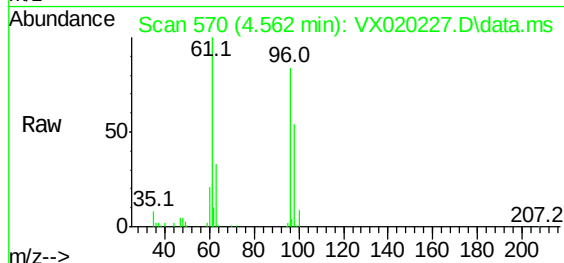




cis-1,2-Dichloroethene
Concen: 8.66 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

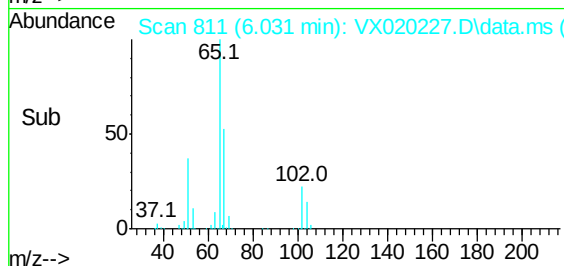
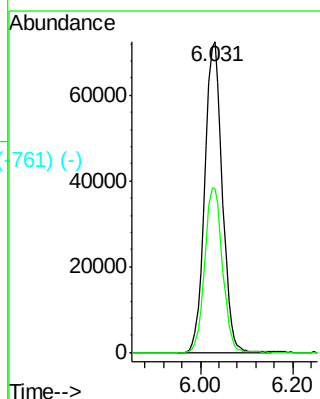
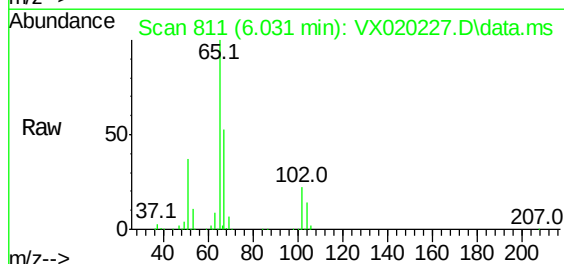
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

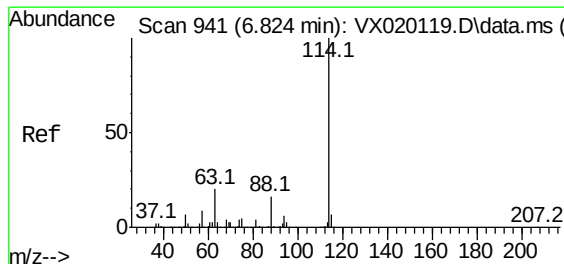
Tgt Ion: 96 Resp: 34219
Ion Ratio Lower Upper
96 100
61 126.6 0.0 285.6
98 65.8 0.0 129.6



1,2-Dichloroethane-d4
Concen: 50.25 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

Tgt Ion: 65 Resp: 190179
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

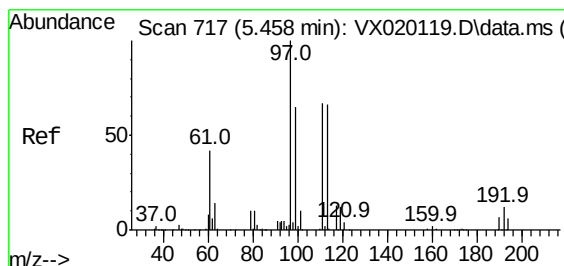
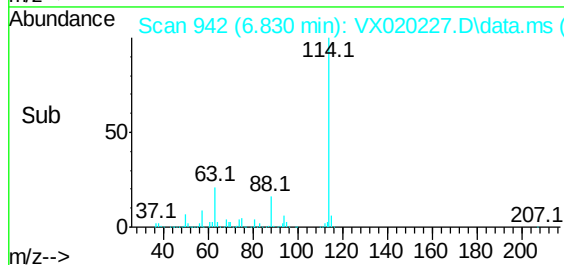
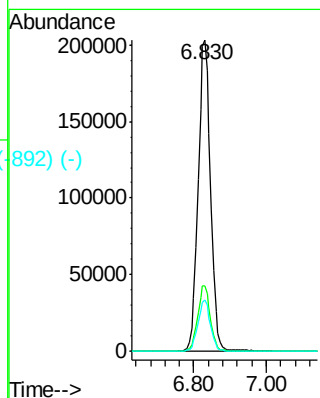
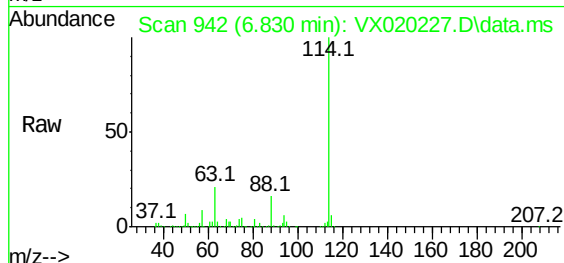




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

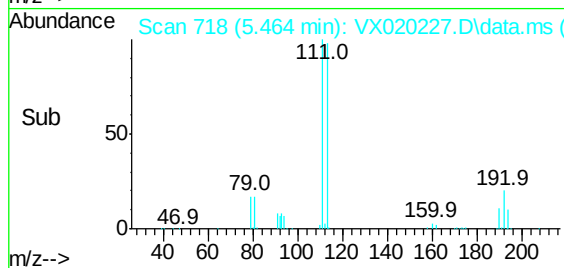
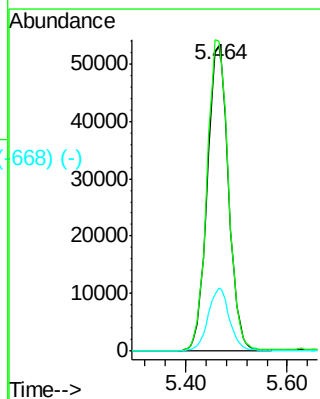
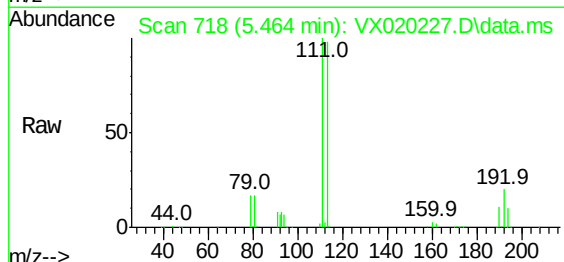
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

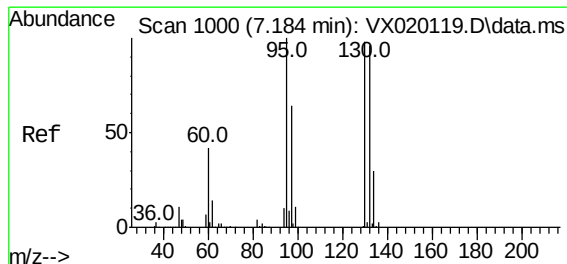
Tgt Ion:	114	Resp:	483263
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	40.8
88	16.4	0.0	32.8



Dibromofluoromethane
Concen: 49.47 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

Tgt Ion:	113	Resp:	152929
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	20.1	16.7	25.1

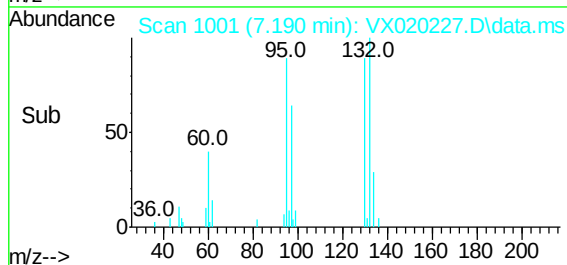
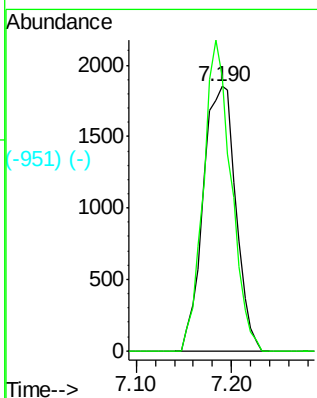
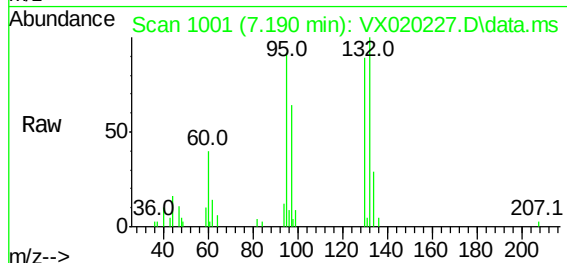




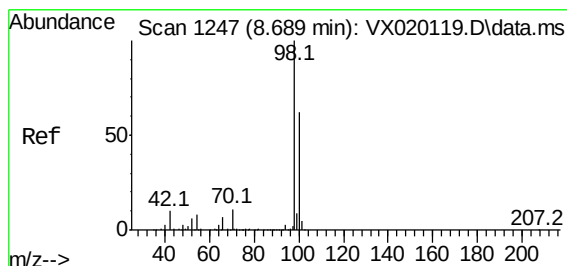
(-949) (-)
 Trichloroethene
 Concen: 1.14 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020227.D
 Acq: 20 Dec 2020 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW106-121420

Tgt Ion:130 Resp: 4362
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 198.0

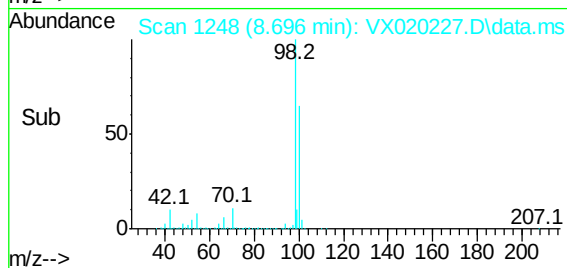
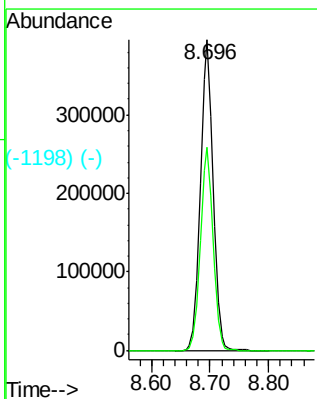
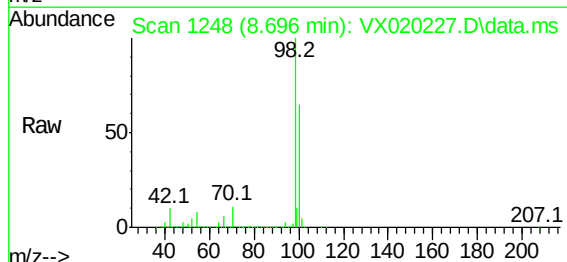


(-951) (-)

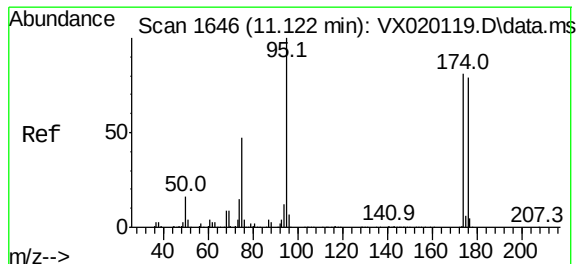


(-1299) (-)
 Toluene-d8
 Concen: 49.89 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020227.D
 Acq: 20 Dec 2020 14:27

Tgt Ion: 98 Resp: 593682
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.9 77.9



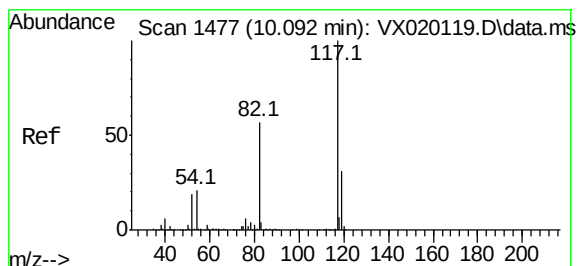
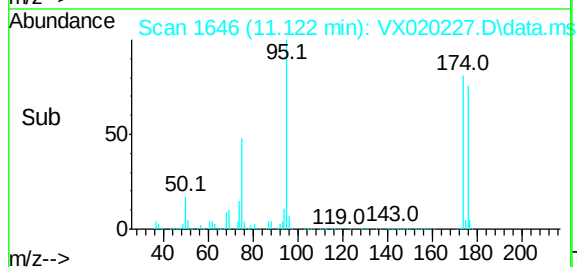
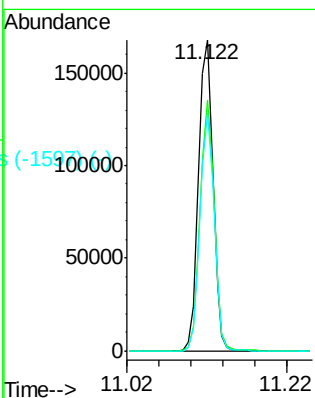
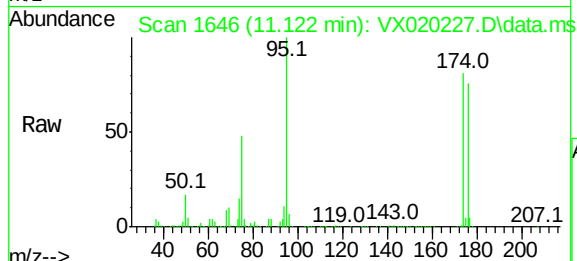
(-1198) (-)



Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 46.07 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020227.D
 Acq: 20 Dec 2020 14:27

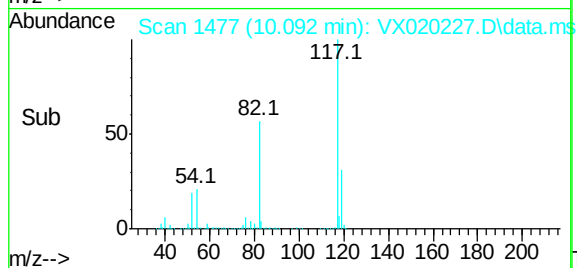
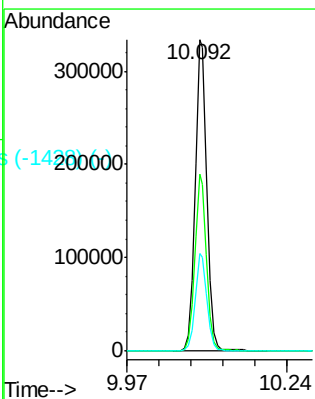
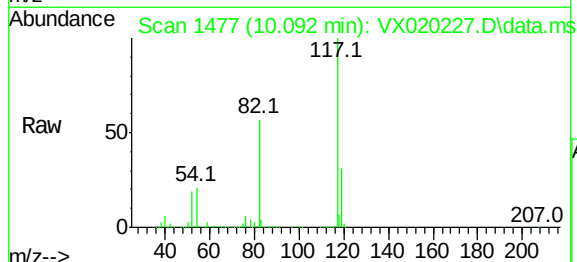
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 ClientSampleId :
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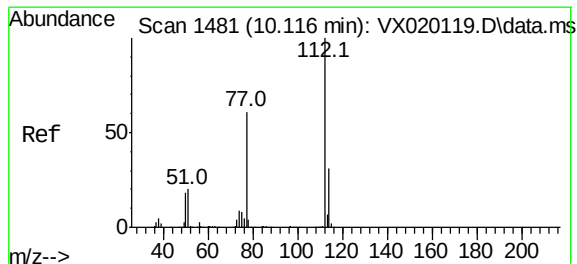
Tgt Ion:	95	Resp:	209832
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	154.6
176	74.6	0.0	155.8



Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.092 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VX020227.D
 Acq: 20 Dec 2020 14:27

Tgt Ion:	117	Resp:	458816
Ion Ratio	Lower	Upper	
117	100		
82	56.7	47.4	71.2
119	31.2	26.6	39.8

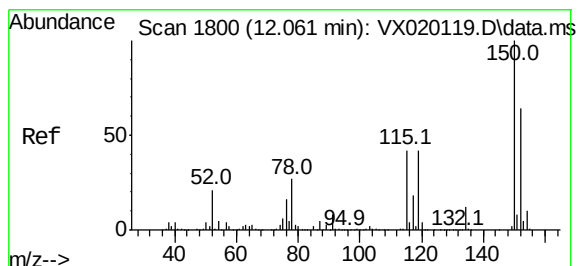
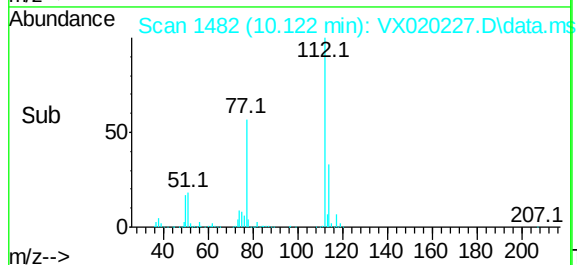
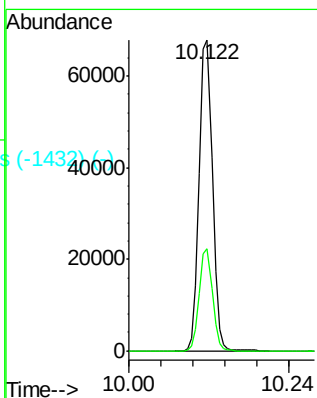
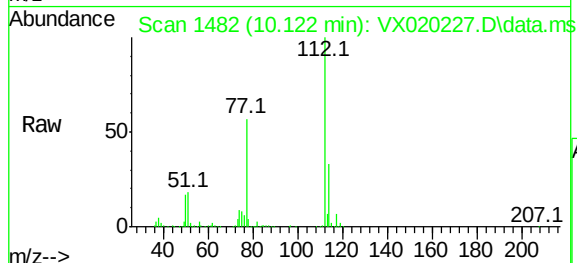




#6574 (-)
Chlorobenzene
Concen: 9.55 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

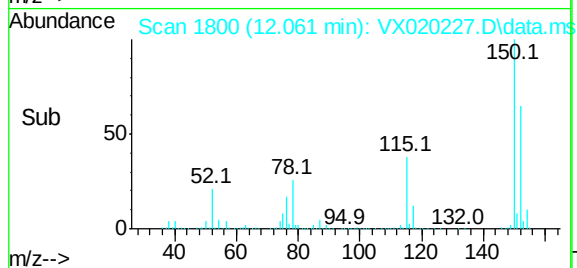
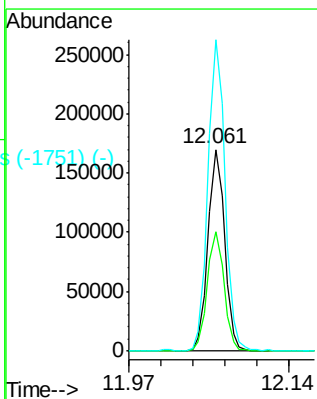
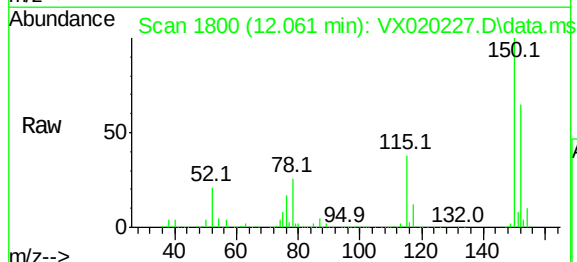
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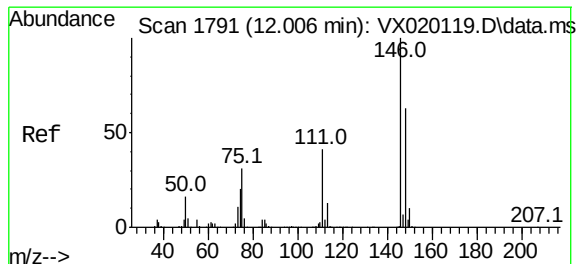
Tgt Ion:112 Resp: 93997
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020227.D
Acq: 20 Dec 2020 14:27

Tgt Ion:152 Resp: 200496
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 158.5 0.0 349.0

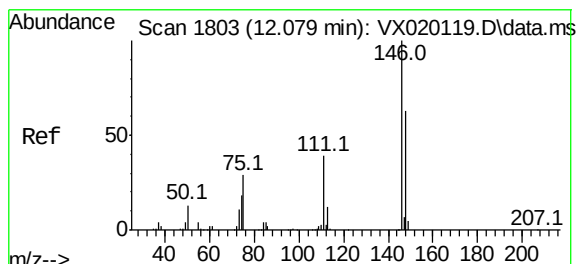
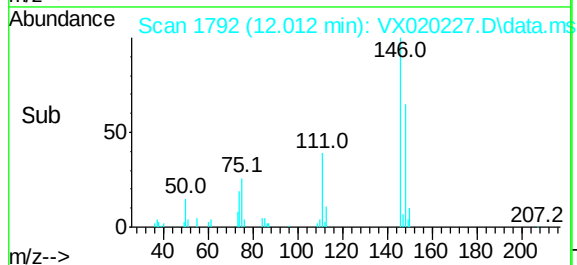
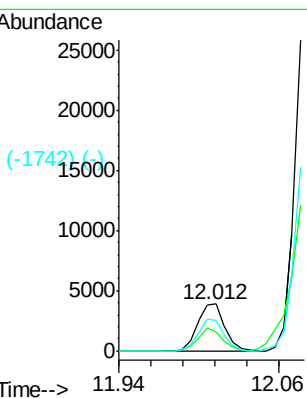
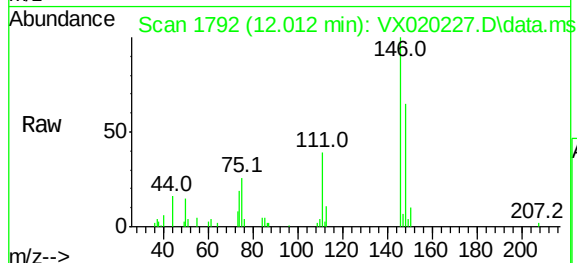




#8785 (-)
 1,3-Dichlorobenzene
 Concen: 0.77 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX020227.D
 Acq: 20 Dec 2020 14:27

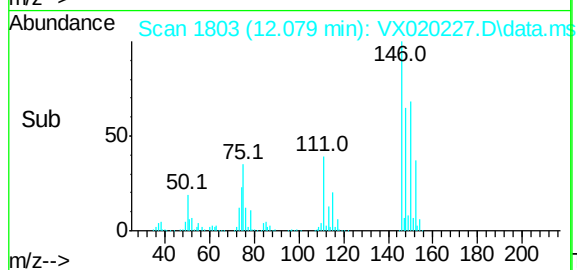
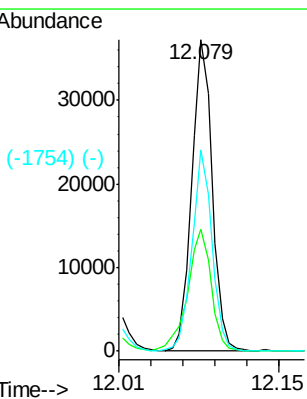
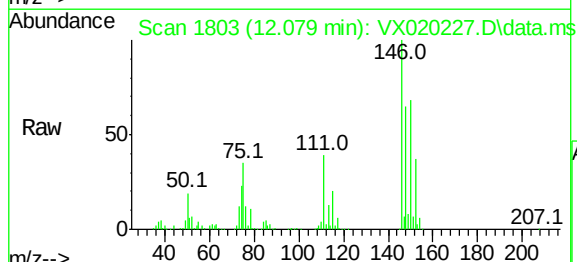
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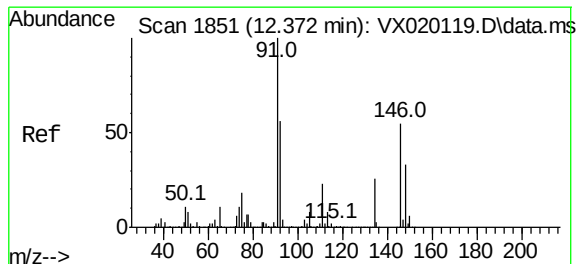
Tgt Ion:	146	Resp:	5256
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.2	60.5
148	63.8	31.9	95.7



#8788 (-)
 1,4-Dichlorobenzene
 Concen: 6.34 ug/l
 RT: 12.079 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VX020227.D
 Acq: 20 Dec 2020 14:27

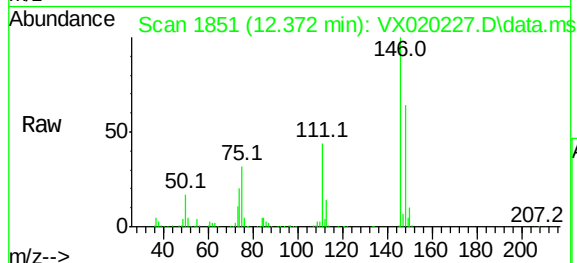
Tgt Ion:	146	Resp:	45258
Ion Ratio	Lower	Upper	
146	100		
111	44.5	19.6	58.8
148	63.4	31.6	95.0





#9144 (-)
 1,2-Dichlorobenzene
 Concen: 10.19 ug/l
 RT: 12.372 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VX020227.D
 Acq: 20 Dec 2020 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW106-121420



Tgt Ion:	146	Resp:	69341
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.8	62.2
148	63.7	31.9	95.5

