

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020380.D
 Acq On : 24 Dec 2020 12:15
 Operator : JC/MD
 Sample : L5123-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20201214

Quant Time: Dec 25 01:11:12 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)

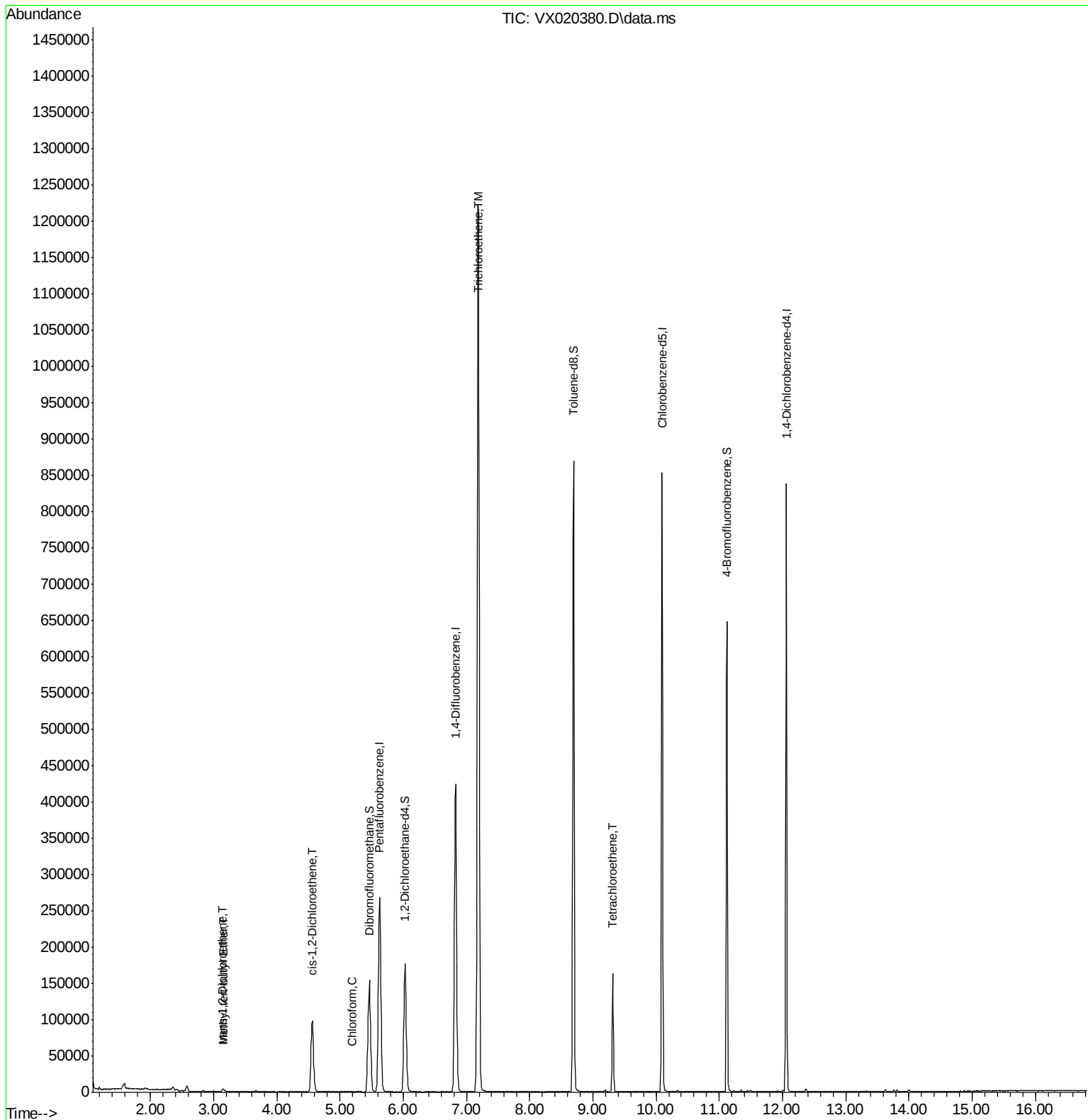
Internal Standards						
1) Pentafluorobenzene	5.629	168	256416	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	417716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	389616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	168544	49.04	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.08%	
35) Dibromofluoromethane	5.464	113	134756	50.43	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.86%	
50) Toluene-d8	8.695	98	517431	50.31	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.122	95	177977	45.21	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.42%	
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.160	73	2593	0.26	ug/l	91
21) trans-1,2-Dichloroethene	3.142	96	1006	0.32	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	64745	18.05	ug/l	91
30) Chloroform	5.184	83	1440	0.25	ug/l	96
44) Trichloroethene	7.190	130	479172	144.25	ug/l	97
64) Tetrachloroethene	9.317	164	30842	10.51	ug/l	98

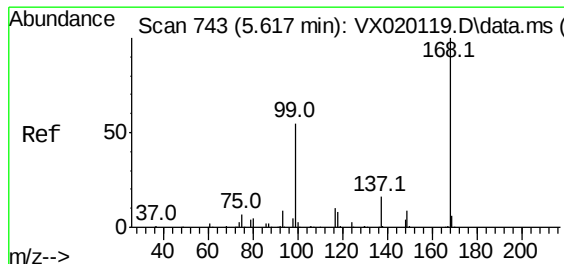
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

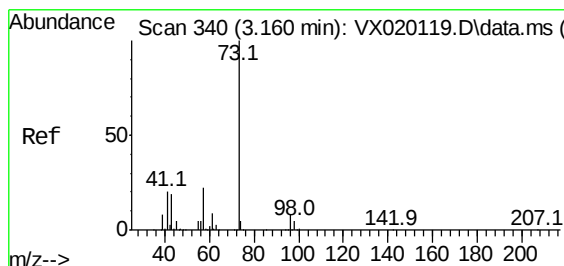
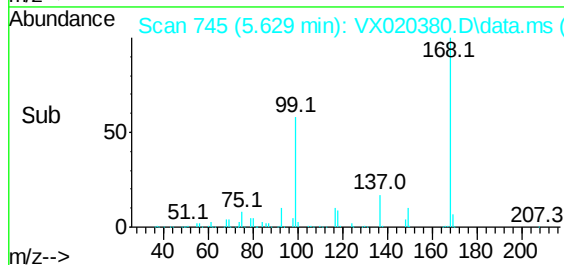
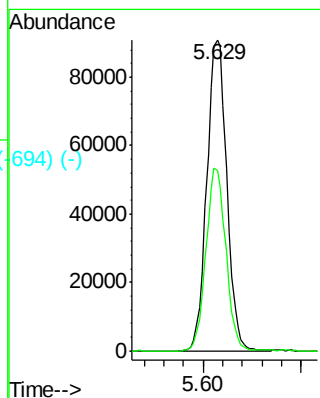
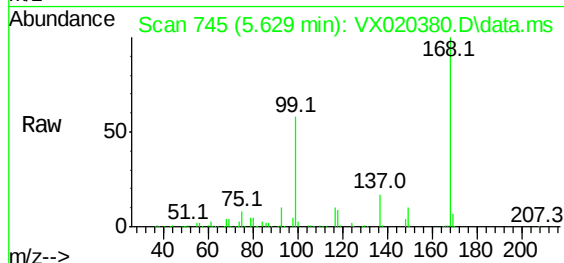




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

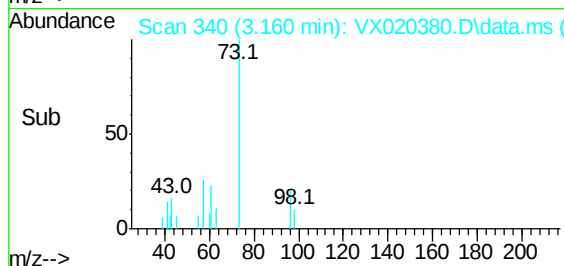
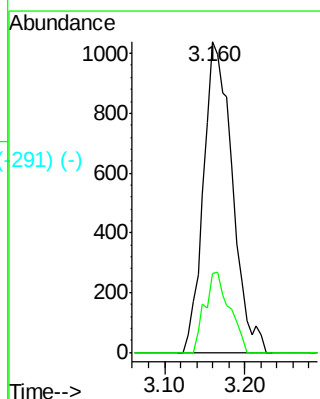
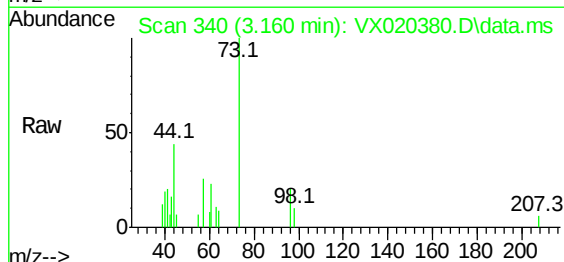
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20201214

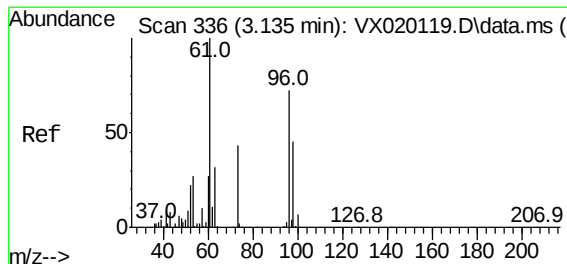
Tgt Ion:168 Resp: 256416
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



Methyl tert-butyl Ether
Concen: 0.26 ug/l
RT: 3.160 min Scan# 340
Delta R.T. -0.000 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

Tgt Ion: 73 Resp: 2593
Ion Ratio Lower Upper
73 100
57 25.5 17.1 25.7

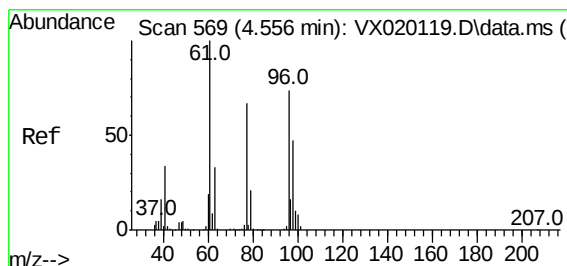
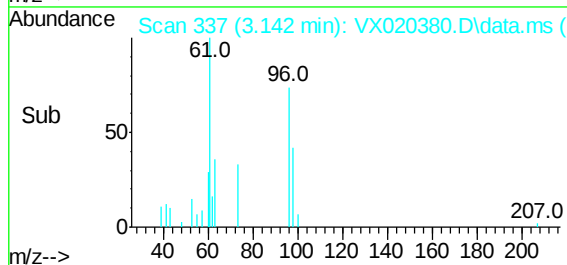
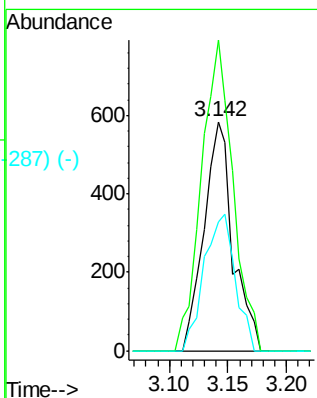
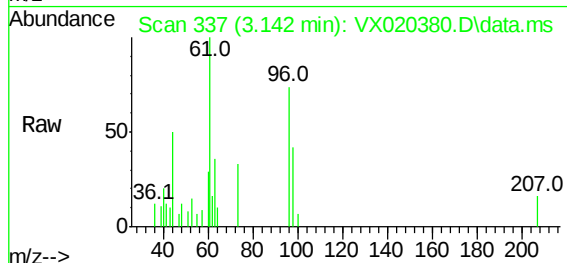




trans-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

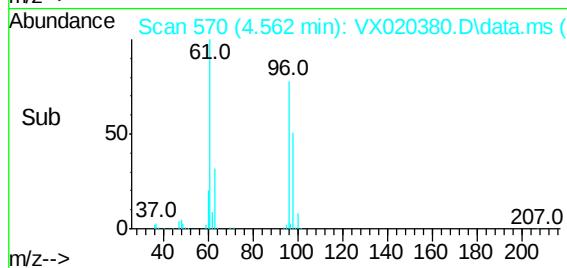
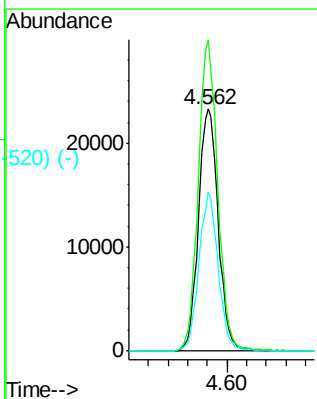
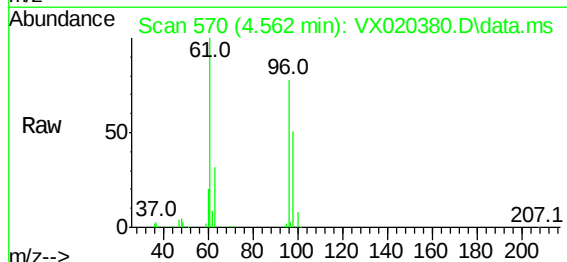
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20201214

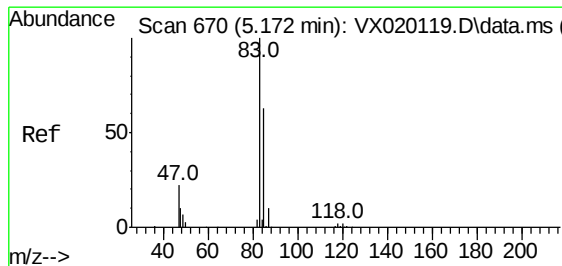
Tgt Ion: 96 Resp: 1006
Ion Ratio Lower Upper
96 100
61 135.6 107.7 161.5
98 56.5 50.4 75.6



cis-1,2-Dichloroethene
Concen: 18.05 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

Tgt Ion: 96 Resp: 64745
Ion Ratio Lower Upper
96 100
61 126.7 0.0 285.6
98 63.8 0.0 129.6

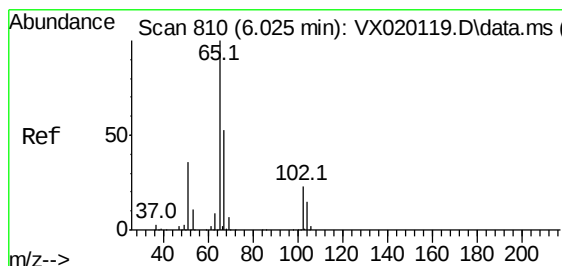
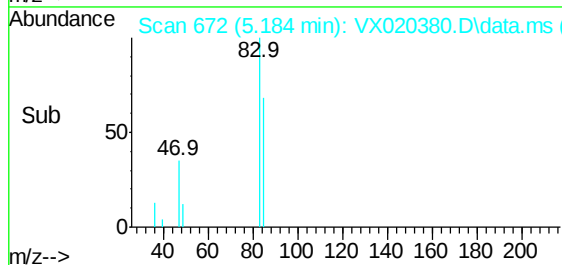
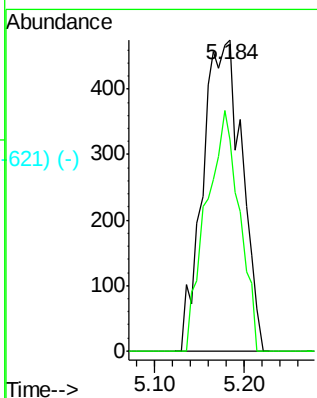
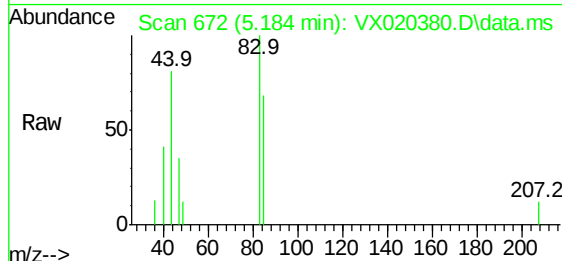




Chloroform
Concen: 0.25 ug/l
RT: 5.184 min Scan# 672
Delta R.T. 0.012 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

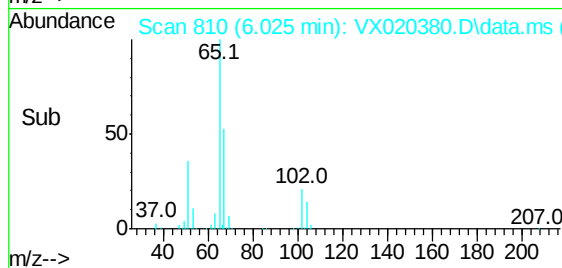
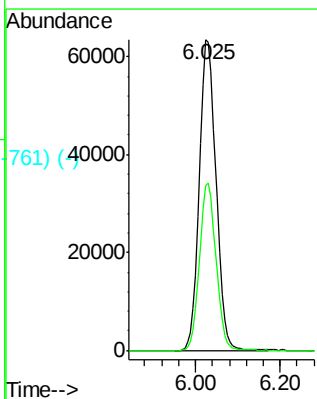
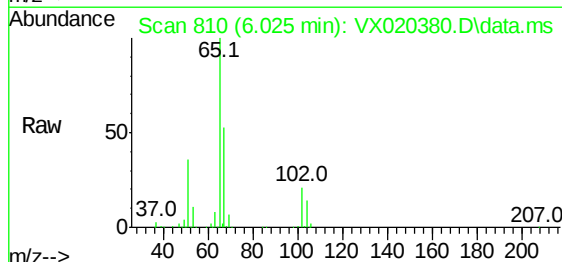
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20201214

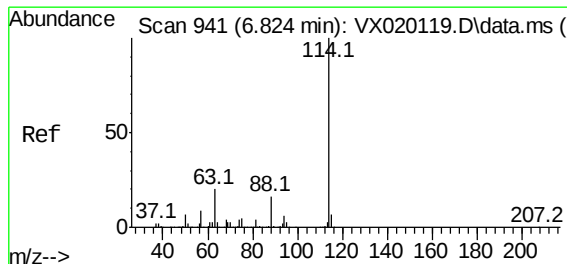
Tgt Ion: 83 Resp: 1440
Ion Ratio Lower Upper
83 100
85 68.0 52.0 78.0



1,2-Dichloroethane-d4
Concen: 49.04 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

Tgt Ion: 65 Resp: 168544
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



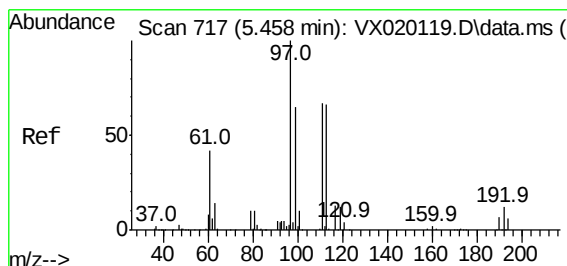
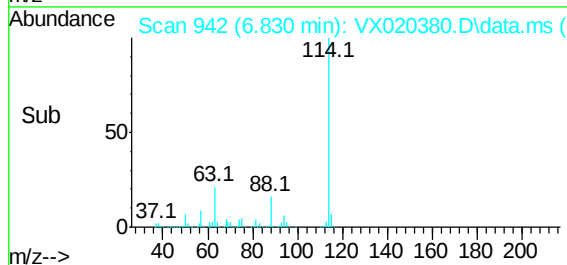
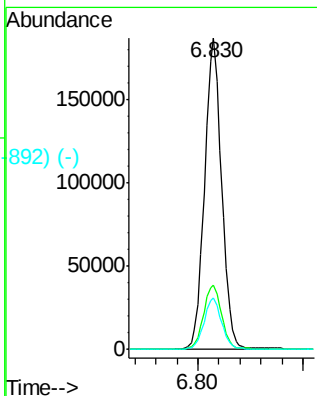
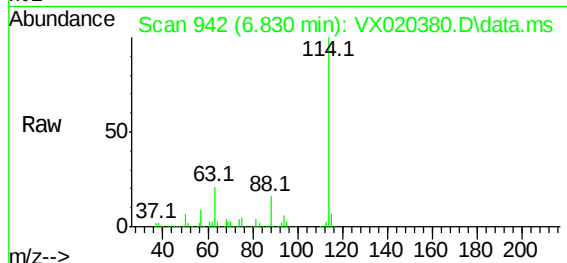


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20201214

Tgt Ion:114 Resp: 417716

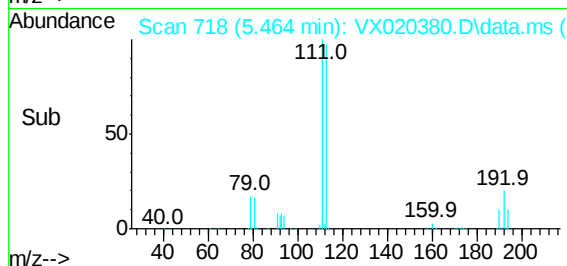
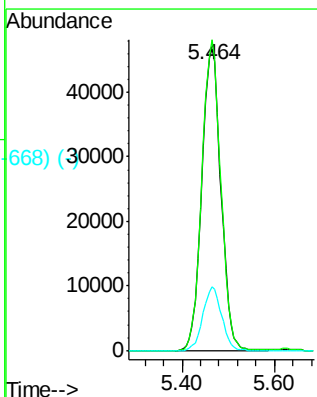
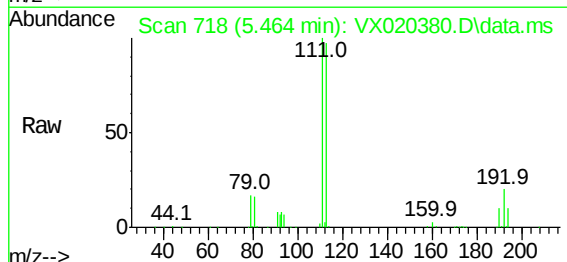
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.4	0.0	32.8

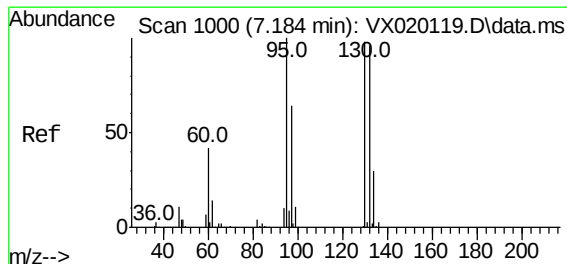


Dibromofluoromethane
Concen: 50.43 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

Tgt Ion:113 Resp: 134756

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	20.3	16.7	25.1

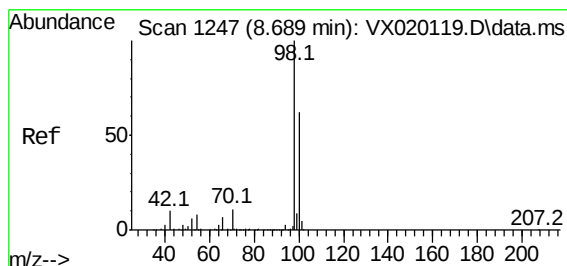
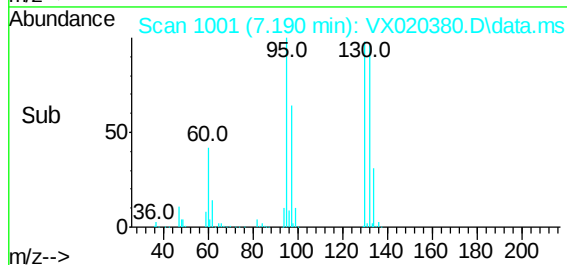
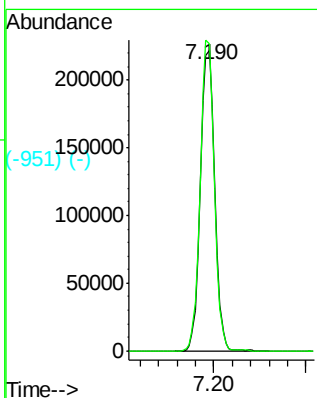
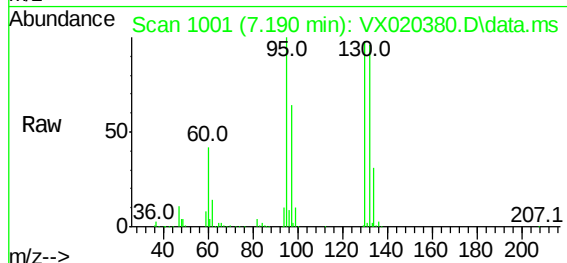




Trichloroethene
Concen: 144.25 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

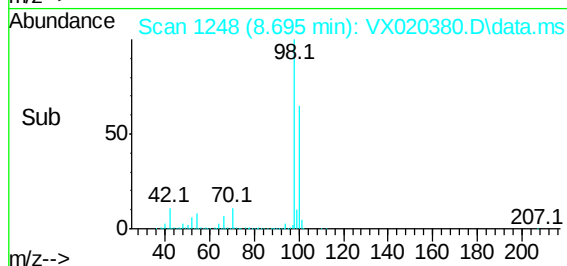
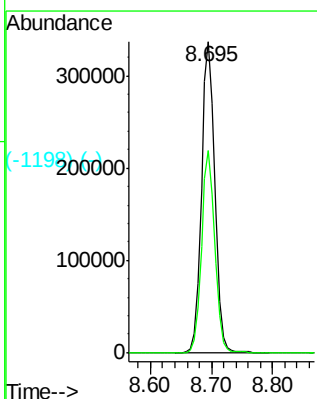
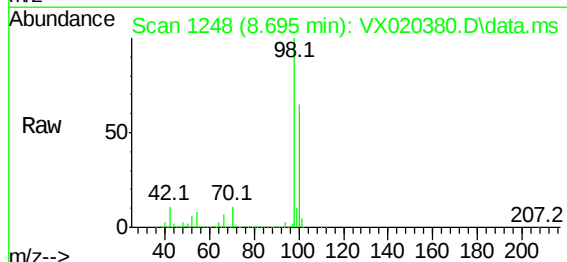
Instrument :
MSVOA_X
ClientSampleId :
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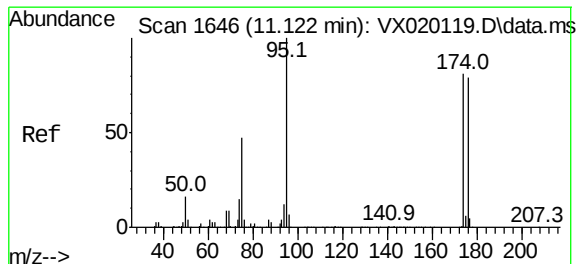
Tgt Ion:130 Resp: 479172
Ion Ratio Lower Upper
130 100
95 102.1 0.0 198.0



Toluene-d8
Concen: 50.31 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

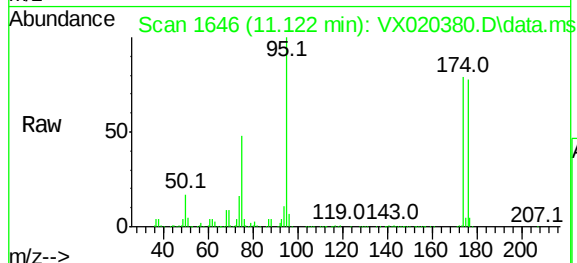
Tgt Ion: 98 Resp: 517431
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9





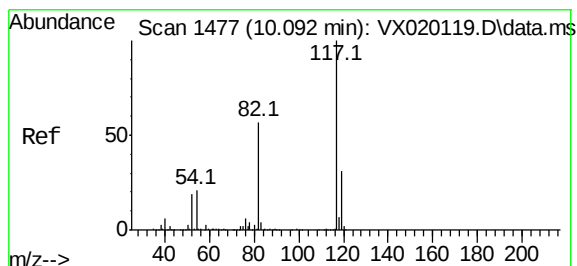
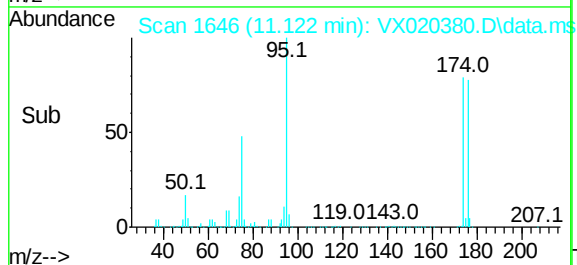
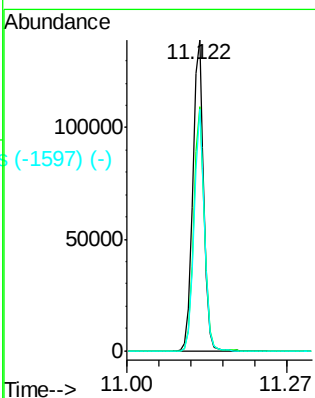
#639 (-)
 4-Bromofluorobenzene
 Concen: 45.21 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020380.D
 Acq: 24 Dec 2020 12:15

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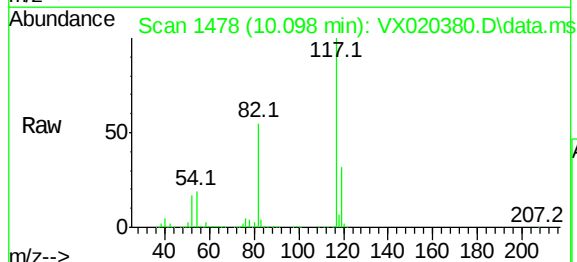


Tgt Ion: 95 Resp: 177977

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	154.6
176	75.1	0.0	155.8

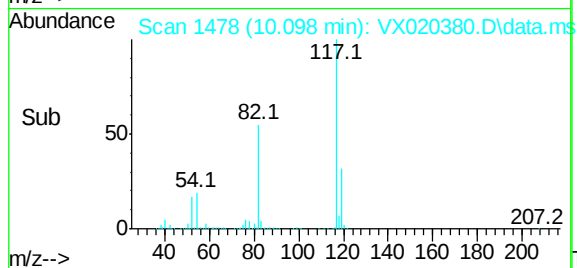
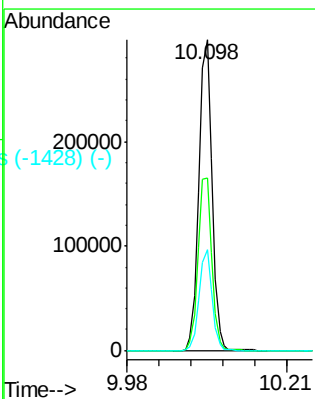


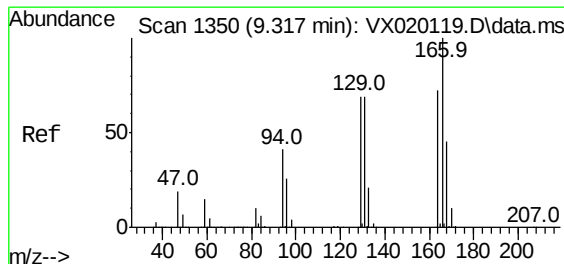
#640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020380.D
 Acq: 24 Dec 2020 12:15



Tgt Ion: 117 Resp: 389616

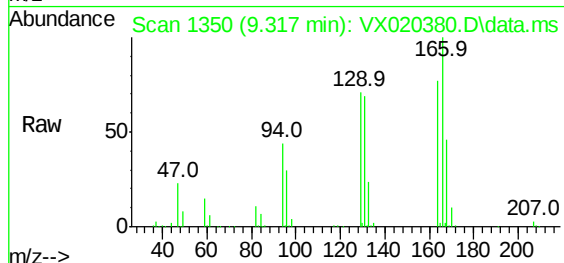
Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.4	71.2
119	32.5	26.6	39.8





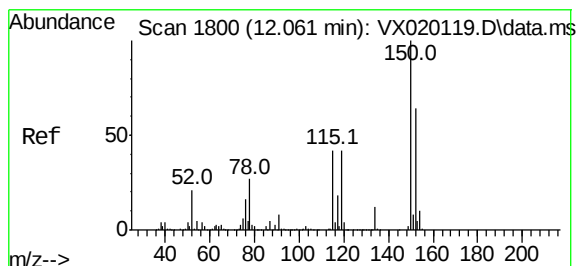
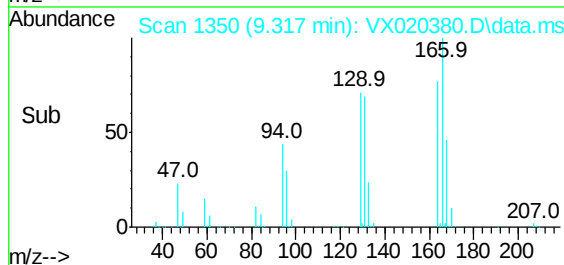
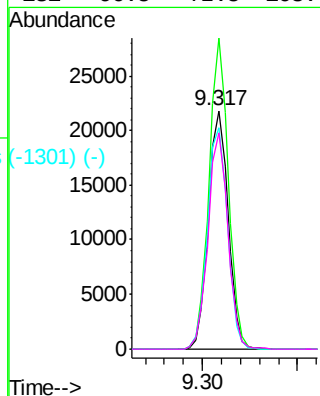
#164 (-)
Tetrachloroethene
Concen: 10.51 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15

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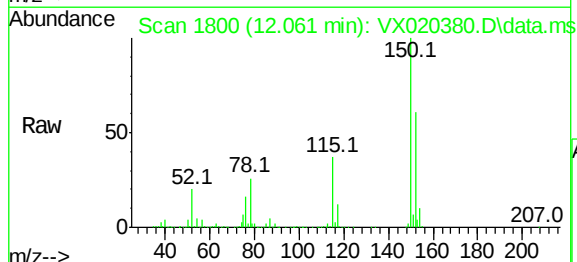


Tgt Ion:164 Resp: 30842

Ion	Ratio	Lower	Upper
164	100		
166	130.5	103.4	155.2
129	92.6	70.8	106.2
131	90.5	72.5	108.7



#174 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020380.D
Acq: 24 Dec 2020 12:15



Tgt Ion:152 Resp: 168822

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	158.1	0.0	349.0

