

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020349.D
 Acq On : 23 Dec 2020 19:24
 Operator : JC/MD
 Sample : L5124-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20201211DL

Quant Time: Dec 24 00:21:12 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)

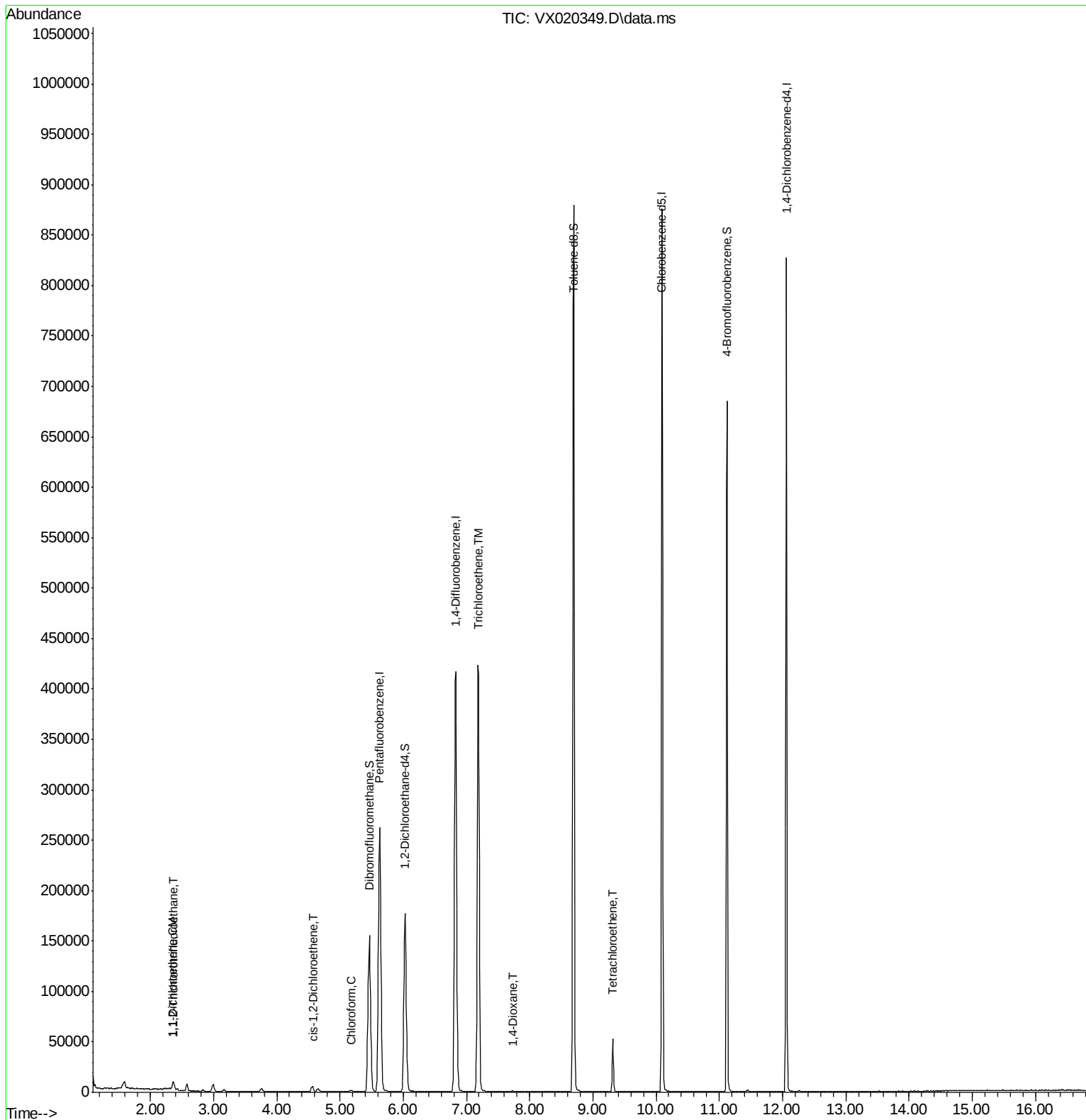
Internal Standards						
1) Pentafluorobenzene	5.629	168	248571	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	420861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	410021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	169822	50.97	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.94%	
35) Dibromofluoromethane	5.465	113	135700	50.40	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.80%	
50) Toluene-d8	8.696	98	519626	50.14	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.122	95	185185	46.69	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	93.38%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.368	101	2449	0.99	ug/l	95
12) 1,1-Dichloroethene	2.355	96	659	0.26	ug/l	95
27) cis-1,2-Dichloroethene	4.568	96	3715	1.07	ug/l	86
30) Chloroform	5.172	83	1926	0.35	ug/l	94
44) Trichloroethene	7.190	130	166665	49.80	ug/l	100
49) 1,4-Dioxane	7.732	88	500	6.39	ug/l #	89
64) Tetrachloroethene	9.318	164	10012	3.24	ug/l	97

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

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Response via : Initial Calibration

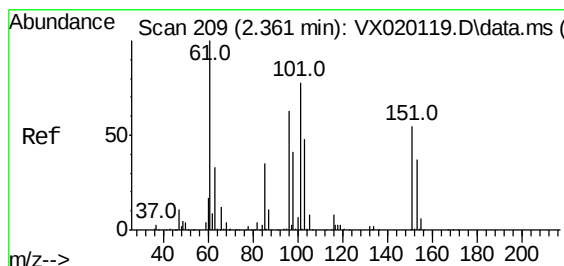
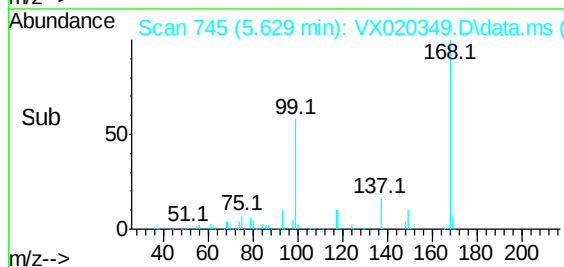
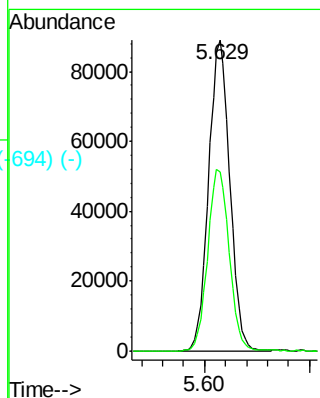
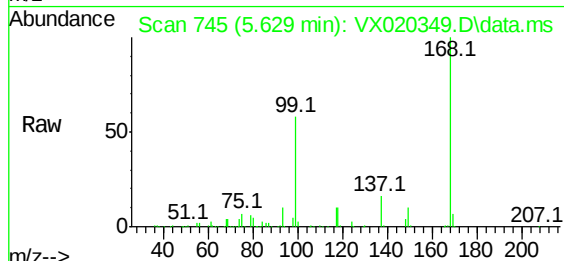




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

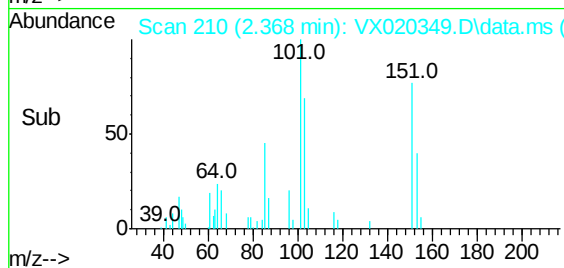
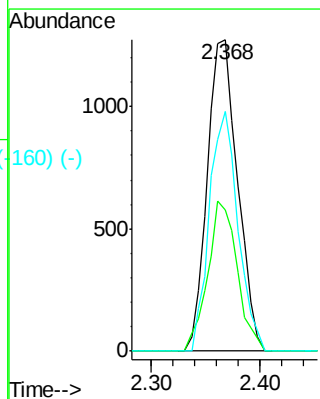
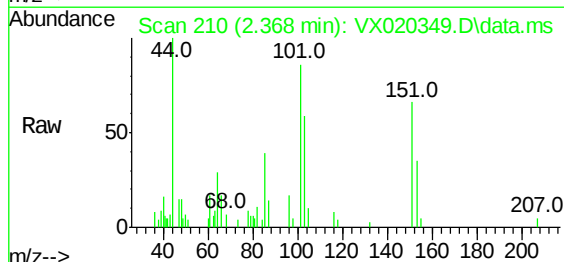
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

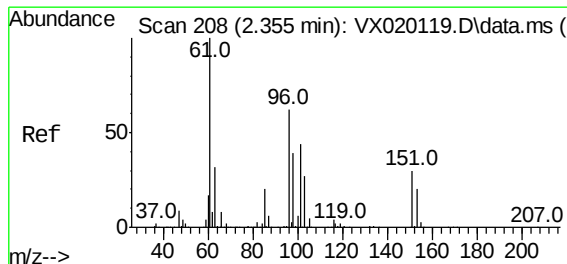
Tgt Ion:168 Resp: 248571
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



1,1,2-Trichlorotrifluoroethane
Concen: 0.99 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.007 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion:101 Resp: 2449
Ion Ratio Lower Upper
101 100
85 46.7 34.9 52.3
151 72.8 61.4 92.2

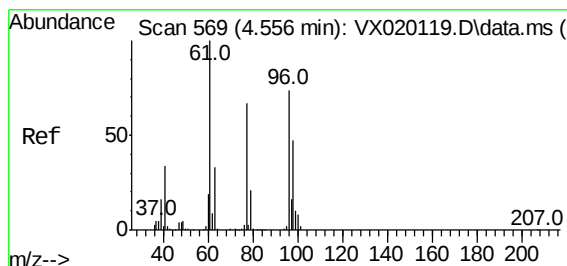
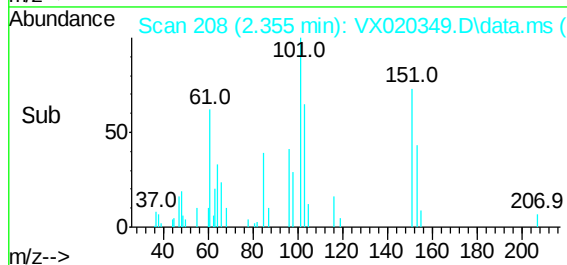
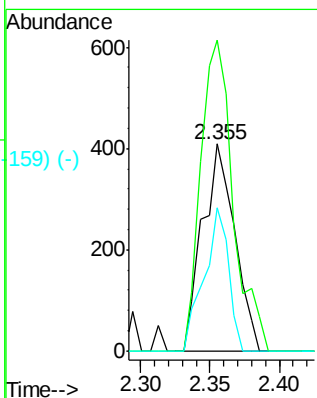
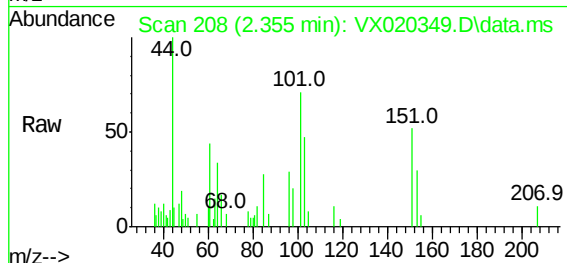




1,1-Dichloroethene
Concen: 0.26 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

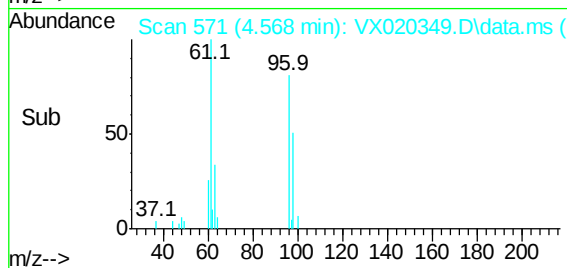
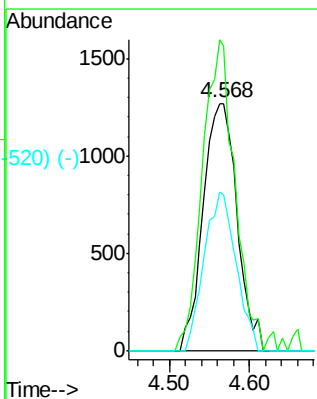
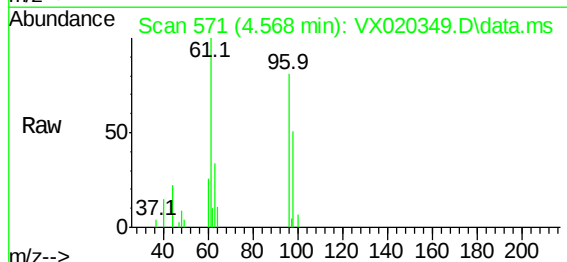
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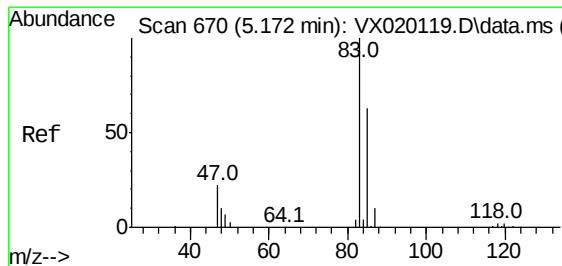
Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 150.1 124.6 187.0
98 69.4 50.6 76.0



cis-1,2-Dichloroethene
Concen: 1.07 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 96 Resp: 3715
Ion Ratio Lower Upper
96 100
61 120.5 0.0 285.6
98 60.4 0.0 129.6

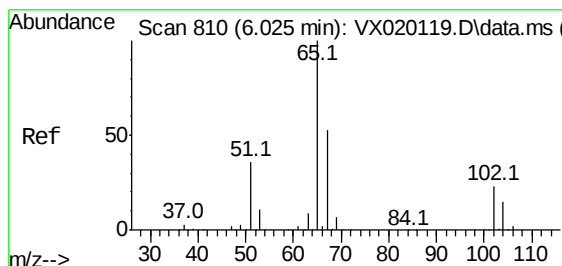
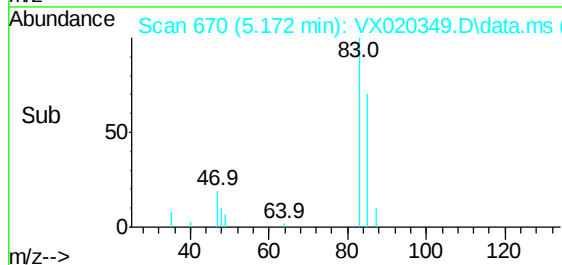
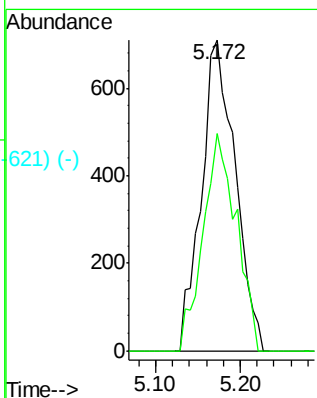
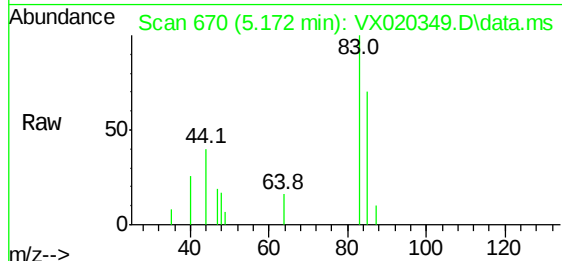




Chloroform
Concen: 0.35 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

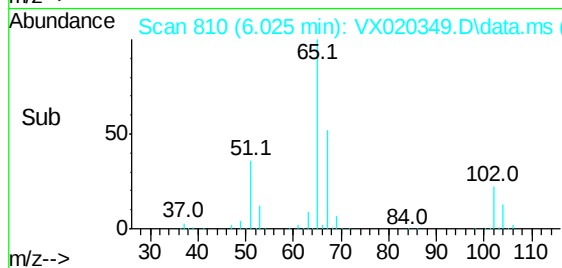
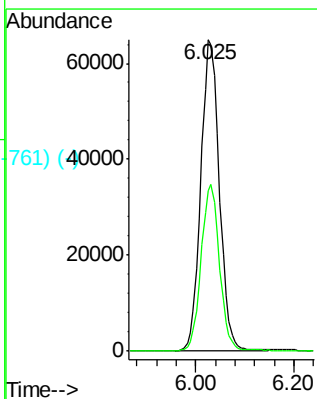
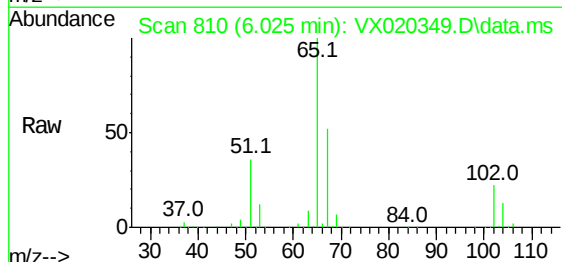
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

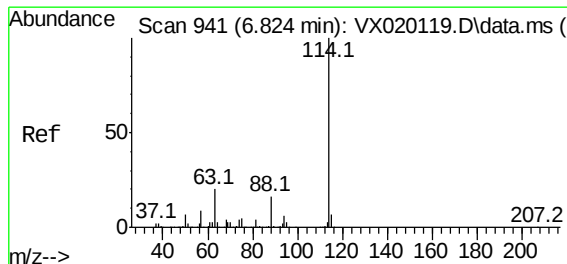
Tgt Ion: 83 Resp: 1926
Ion Ratio Lower Upper
83 100
85 69.9 52.0 78.0



1,2-Dichloroethane-d4
Concen: 50.97 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion: 65 Resp: 169822
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



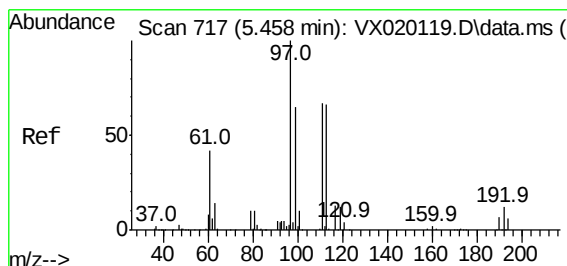
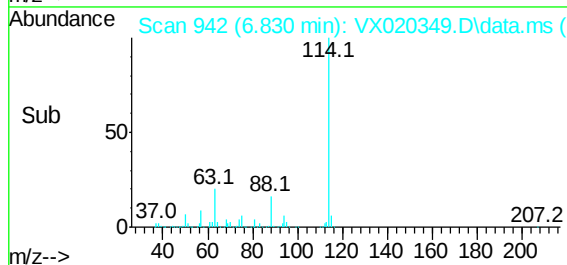
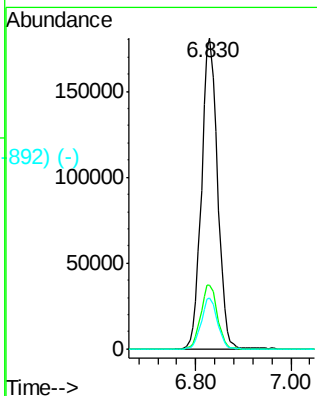
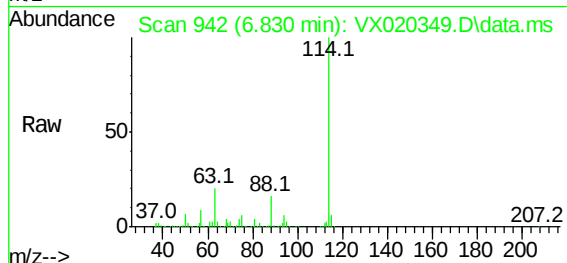


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20201211DL

Tgt Ion:114 Resp: 420861

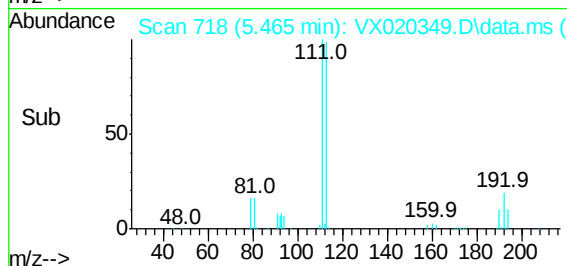
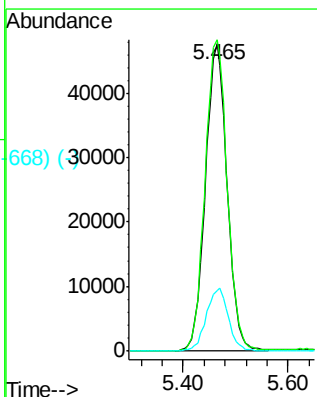
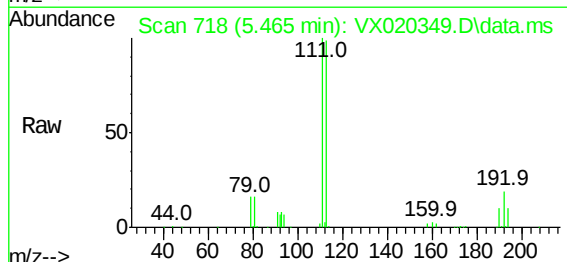
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.2	0.0	32.8

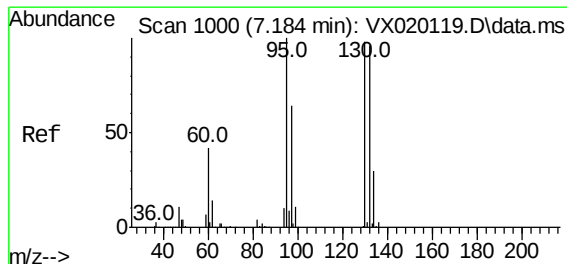


Dibromofluoromethane
Concen: 50.40 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion:113 Resp: 135700

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	20.4	16.7	25.1

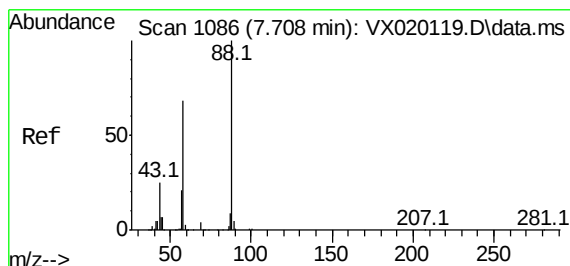
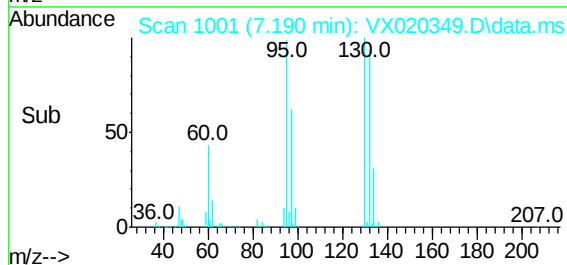
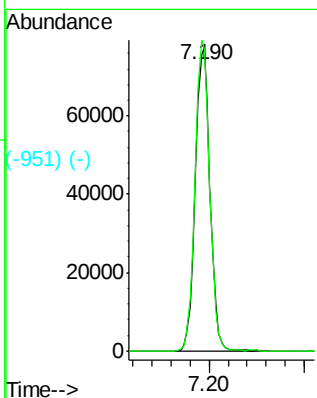
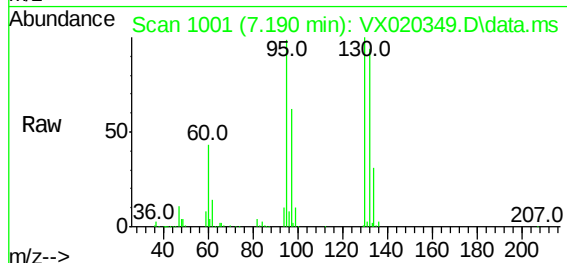




(-949) (-)
 Trichloroethene
 Concen: 49.80 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020349.D
 Acq: 23 Dec 2020 19:24

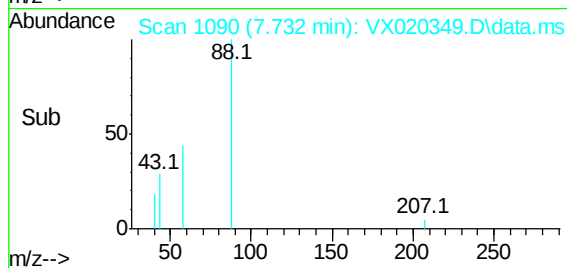
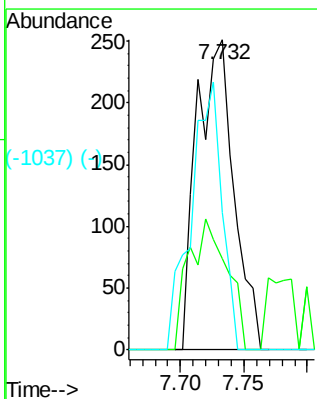
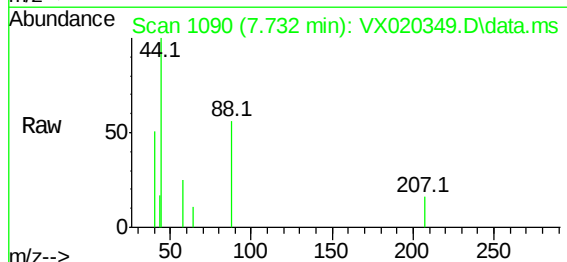
Instrument :
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 ClientSampleId :
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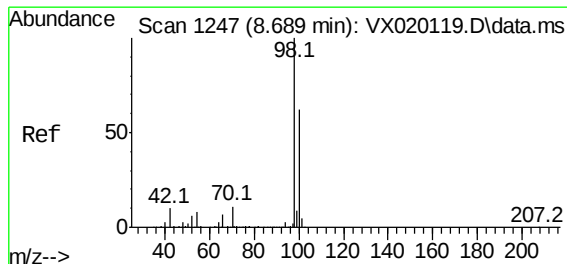
Tgt Ion:130 Resp: 166665
 Ion Ratio Lower Upper
 130 100
 95 99.4 0.0 198.0



(-1099) (-)
 1,4-Dioxane
 Concen: 6.39 ug/l
 RT: 7.732 min Scan# 1090
 Delta R.T. 0.024 min
 Lab File: VX020349.D
 Acq: 23 Dec 2020 19:24

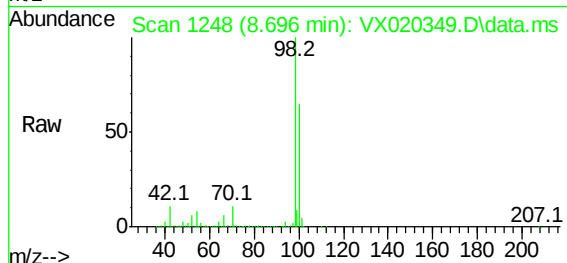
Tgt Ion: 88 Resp: 500
 Ion Ratio Lower Upper
 88 100
 43 44.0 23.2 34.8#
 58 72.0 55.0 82.4



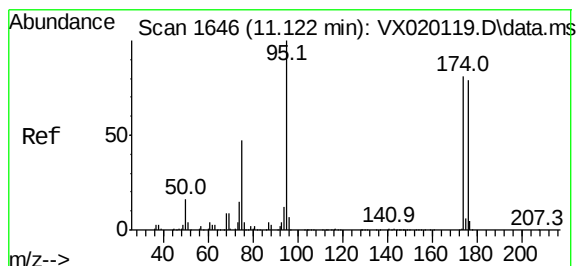
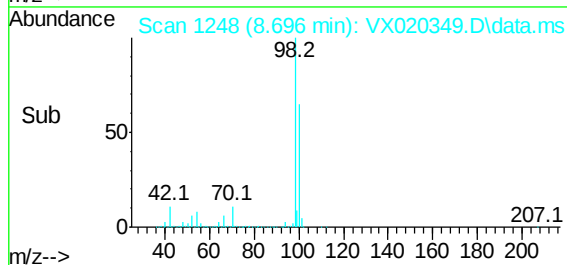
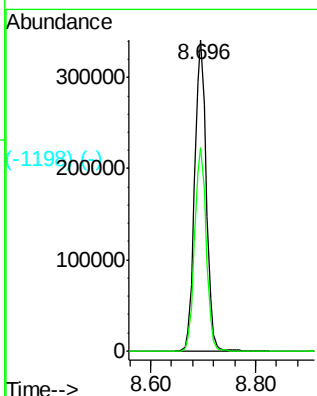


#599 (-)
Toluene-d8
Concen: 50.14 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Instrument :
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ClientSampleId :
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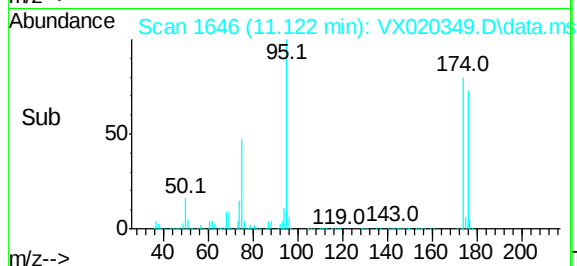
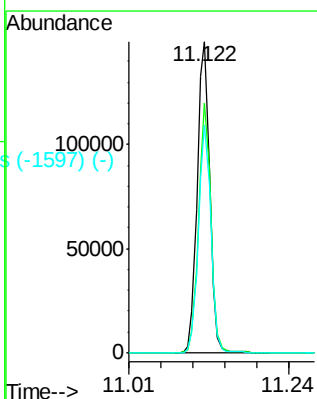
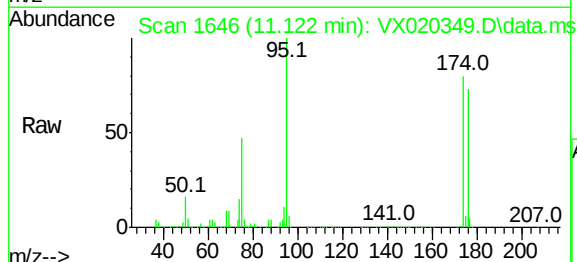


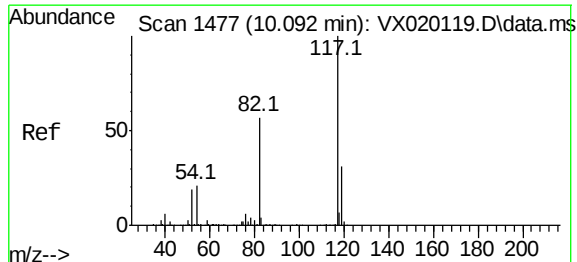
Tgt Ion: 98 Resp: 519626
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 46.69 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

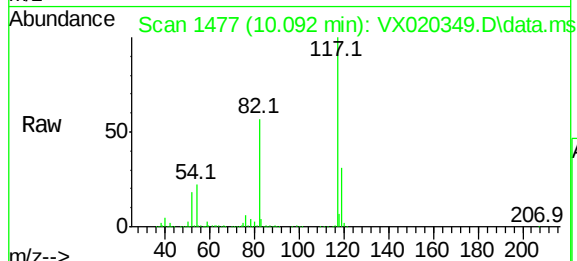
Tgt Ion: 95 Resp: 185185
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 72.7 0.0 155.8





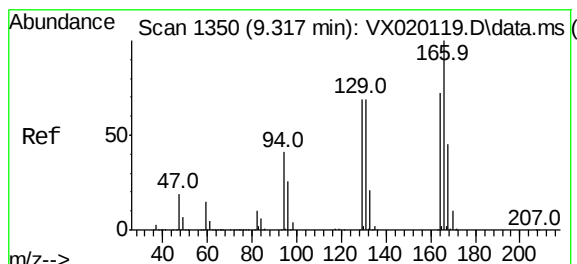
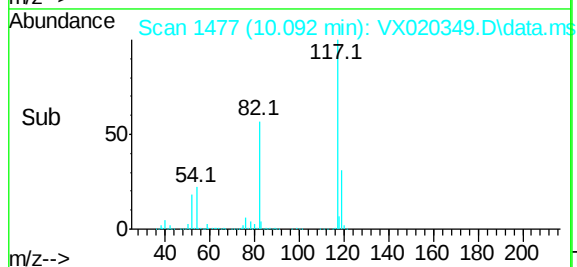
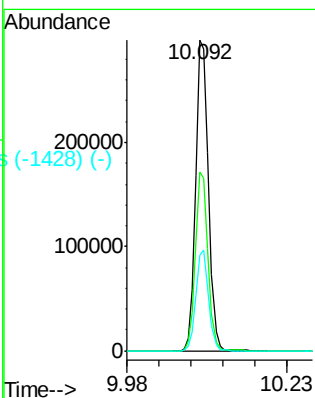
#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

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Tgt Ion:117 Resp: 410021

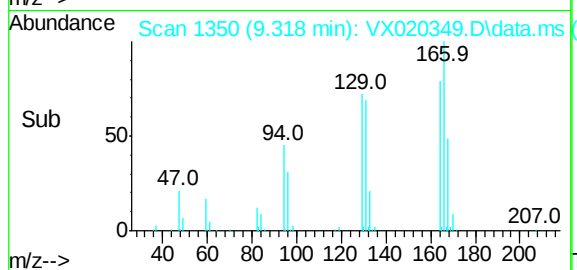
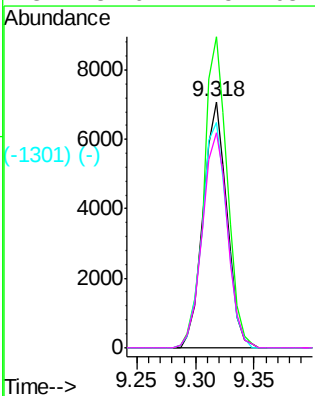
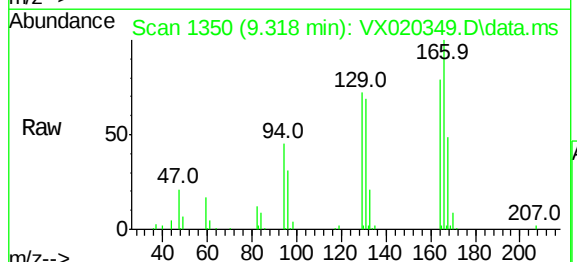
Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.4	71.2
119	30.7	26.6	39.8

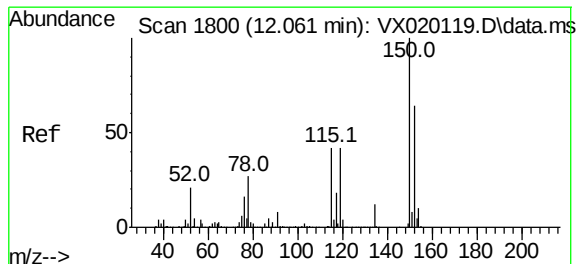


#642 (-)
Tetrachloroethene
Concen: 3.24 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.001 min
Lab File: VX020349.D
Acq: 23 Dec 2020 19:24

Tgt Ion:164 Resp: 10012

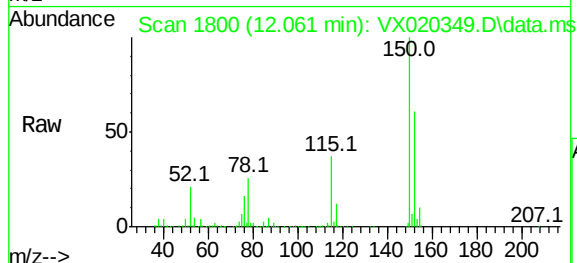
Ion	Ratio	Lower	Upper
164	100		
166	126.4	103.4	155.2
129	91.6	70.8	106.2
131	87.6	72.5	108.7





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020349.D
 Acq: 23 Dec 2020 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20201211DL



Tgt Ion:	152	Resp:	165984
Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	158.2	0.0	349.0

