

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024340.D
 Acq On : 18 Sep 2021 04:31
 Operator : JC/MD
 Sample : M3782-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20210915

Quant Time: Sep 20 02:46:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

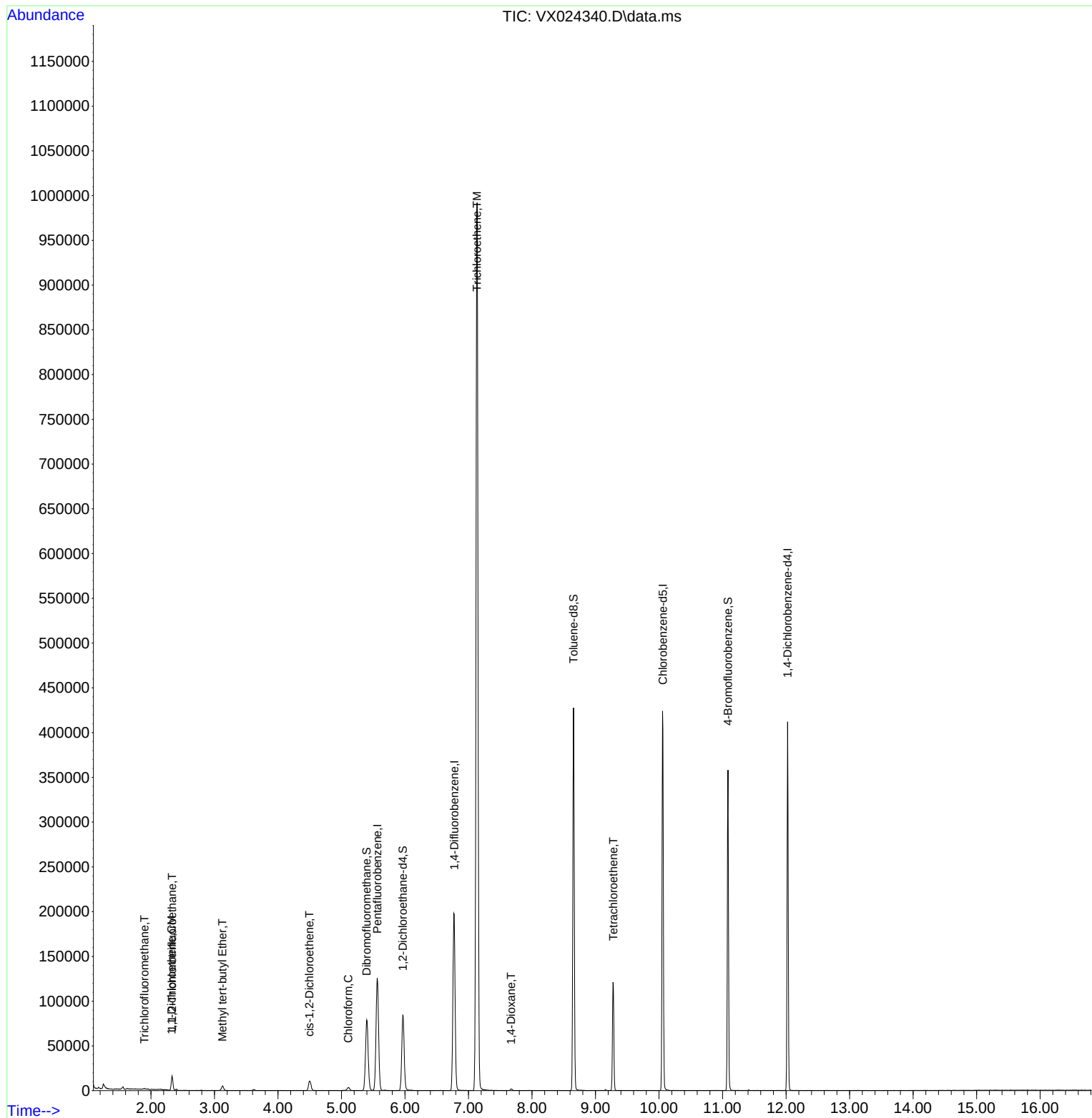
Internal Standards						
1) Pentafluorobenzene	5.562	168	117484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	198189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	191047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84965	50.717	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.440%	
35) Dibromofluoromethane	5.397	113	66451	49.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.653	98	243860	50.363	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	11.085	95	87360	46.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.720%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.898	101	520	0.264	ug/l #	61
9) 1,1,2-Trichlorotrifluo...	2.331	101	5012	4.333	ug/l	96
12) 1,1-Dichloroethene	2.325	96	1243	1.147	ug/l	87
19) Methyl tert-butyl Ether	3.123	73	5157	1.295	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	6637	4.846	ug/l	95
30) Chloroform	5.105	83	3960	1.641	ug/l	88
44) Trichloroethene	7.135	130	375535	255.747	ug/l	99
49) 1,4-Dioxane	7.671	88	1458	41.291	ug/l	96
64) Tetrachloroethene	9.281	164	23308	15.748	ug/l	97

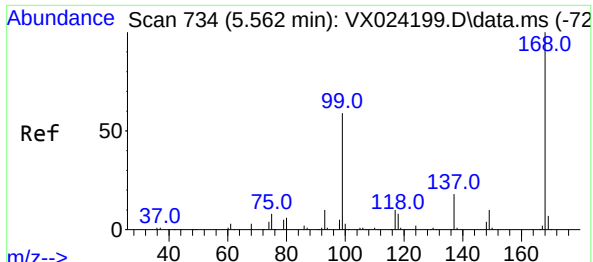
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
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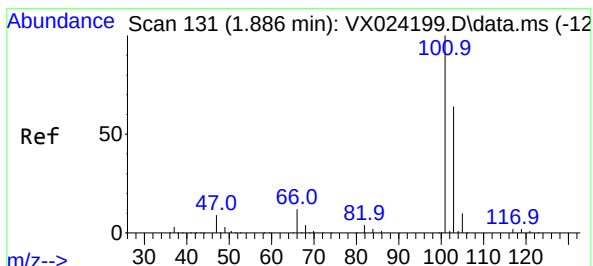
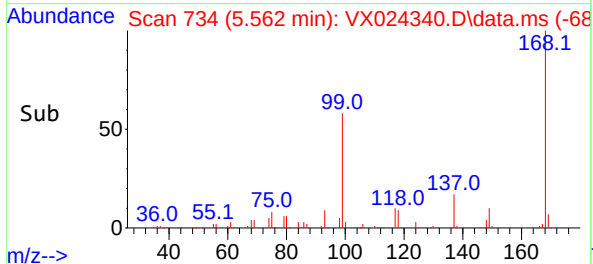
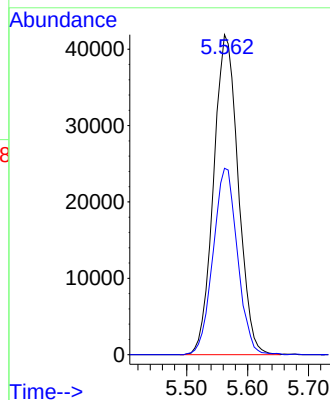
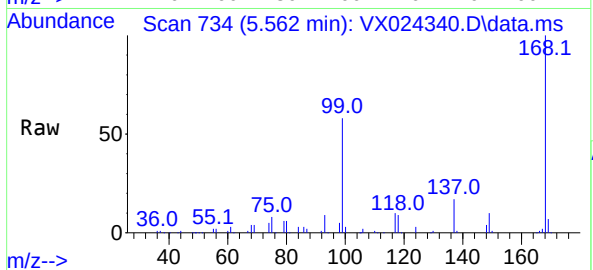




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

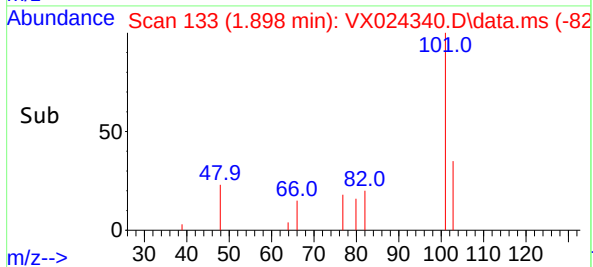
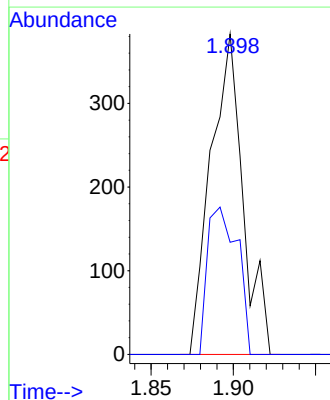
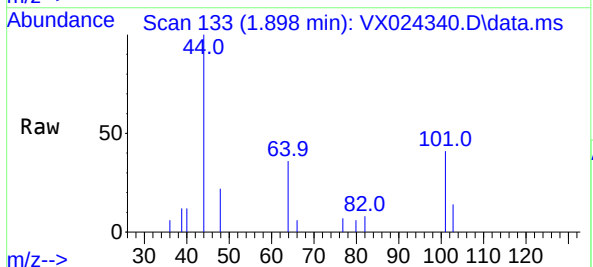
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915

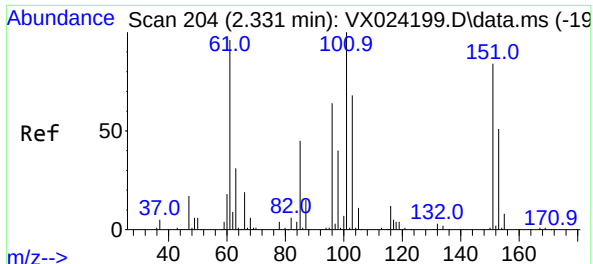
Tgt Ion:168 Resp: 117484
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#7
Trichlorofluoromethane
Concen: 0.264 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.012 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion:101 Resp: 520
Ion Ratio Lower Upper
101 100
103 35.0 53.2 79.8#

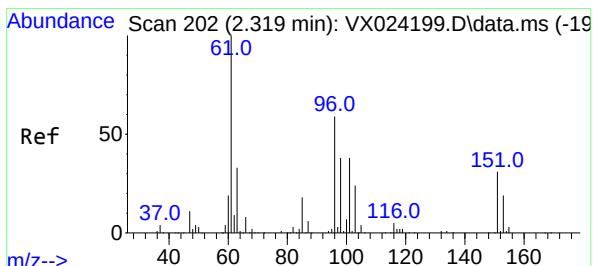
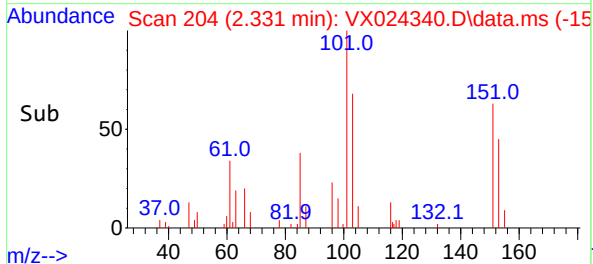
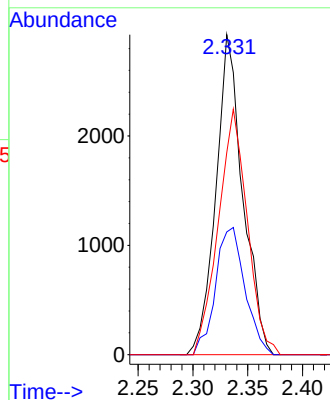
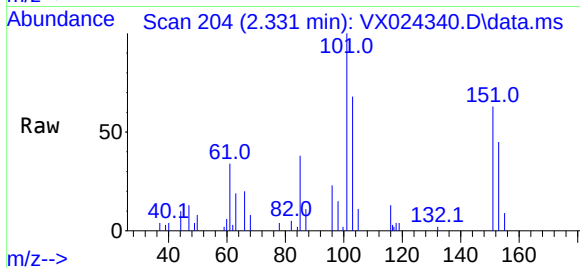




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.333 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

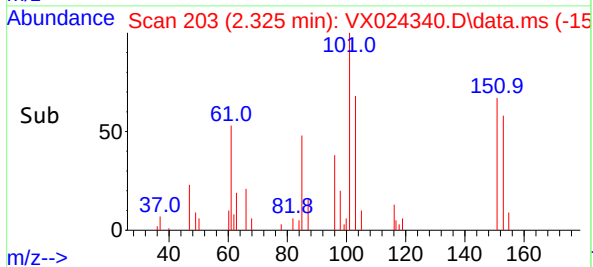
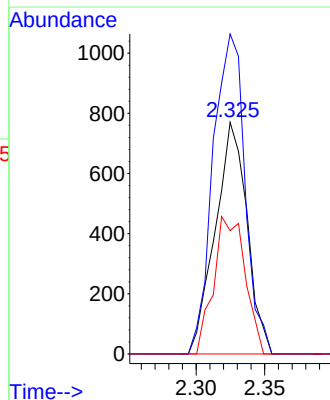
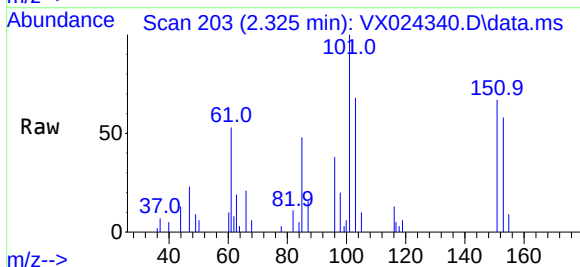
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915

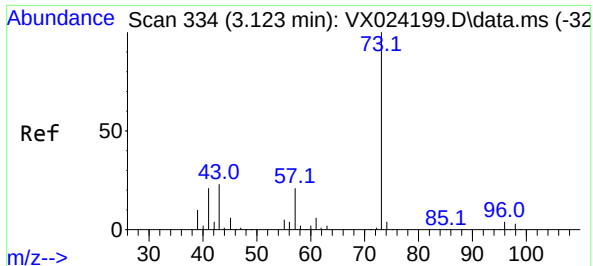
Tgt Ion:101 Resp: 5012
Ion Ratio Lower Upper
101 100
85 43.5 34.9 52.3
151 82.5 61.4 92.2



#12
1,1-Dichloroethene
Concen: 1.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion: 96 Resp: 1243
Ion Ratio Lower Upper
96 100
61 138.2 124.6 187.0
98 53.2 50.6 76.0



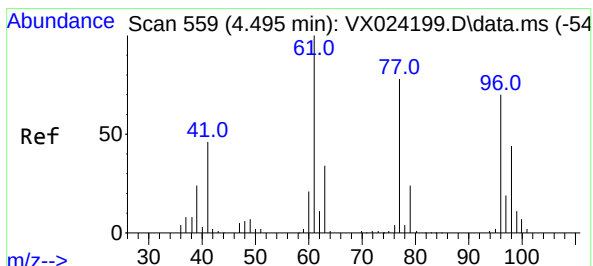
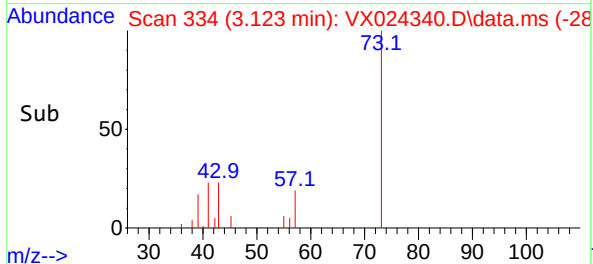
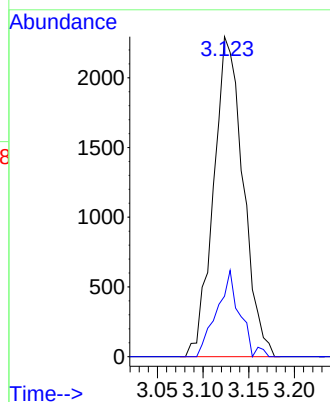
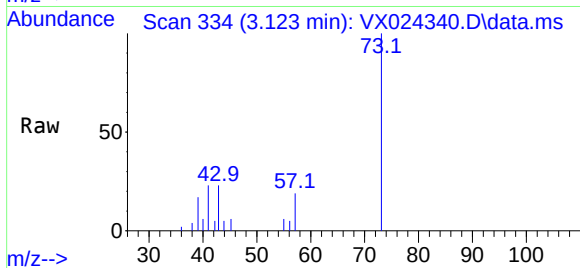


#19

Methyl tert-butyl Ether
Concen: 1.295 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915

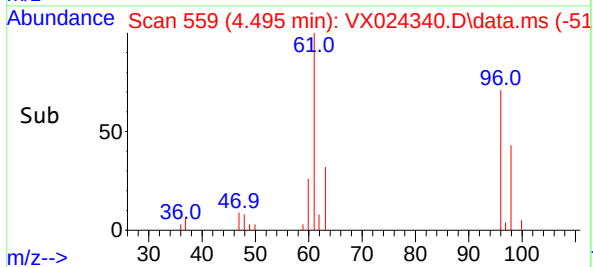
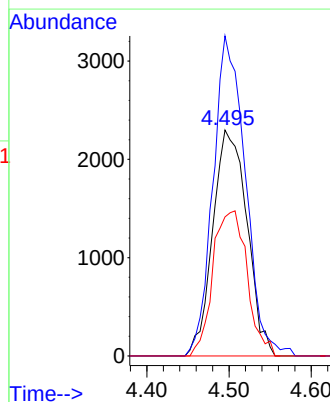
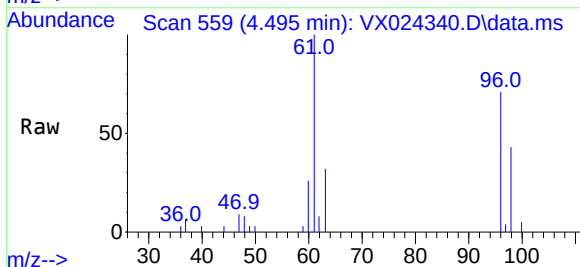
Tgt Ion: 73 Resp: 5157
Ion Ratio Lower Upper
73 100
57 18.9 17.1 25.7

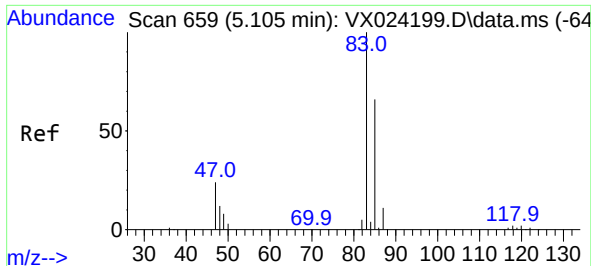


#27

cis-1,2-Dichloroethene
Concen: 4.846 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion: 96 Resp: 6637
Ion Ratio Lower Upper
96 100
61 133.9 0.0 285.6
98 64.3 0.0 129.6

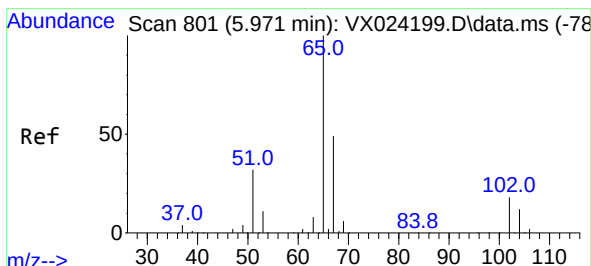
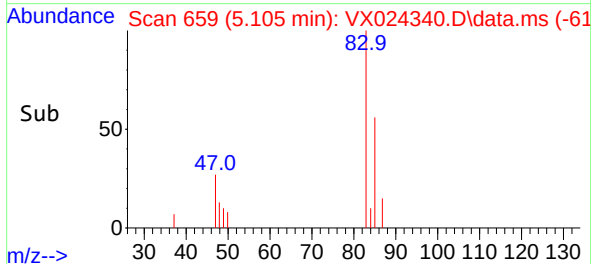
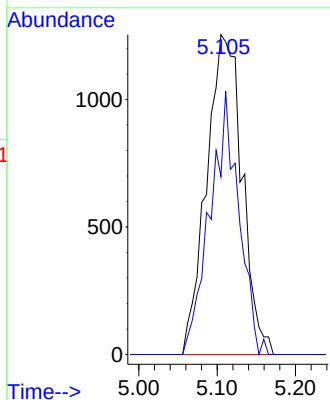
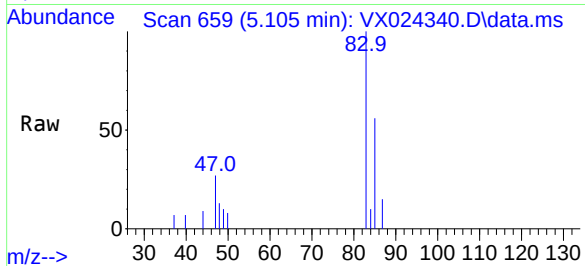




#30
Chloroform
Concen: 1.641 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

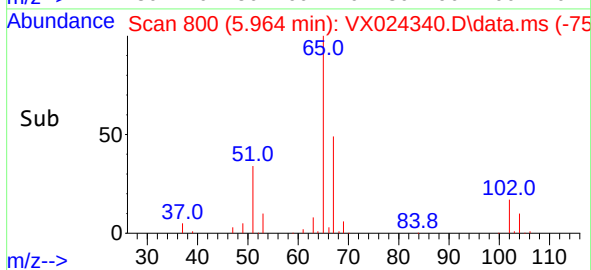
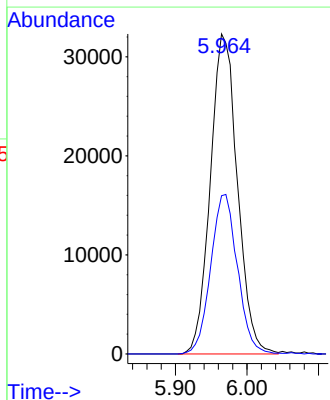
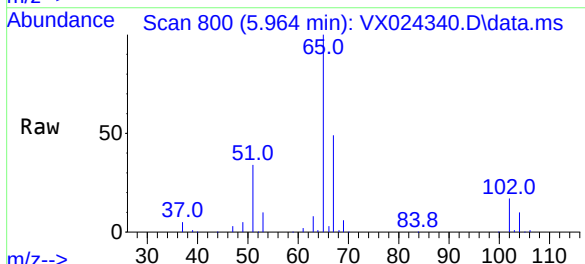
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915

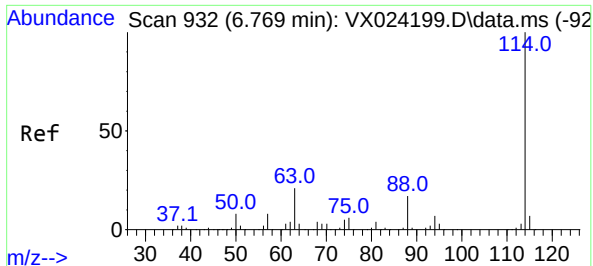
Tgt Ion: 83 Resp: 3960
Ion Ratio Lower Upper
83 100
85 55.7 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 50.717 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion: 65 Resp: 84965
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4

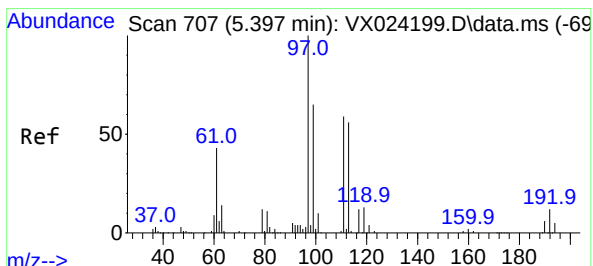
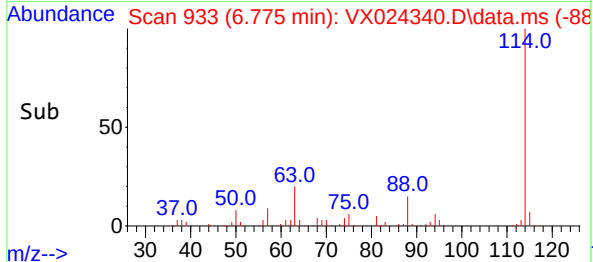
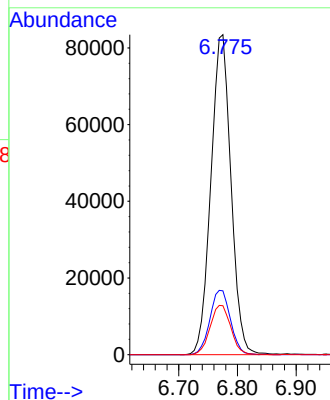
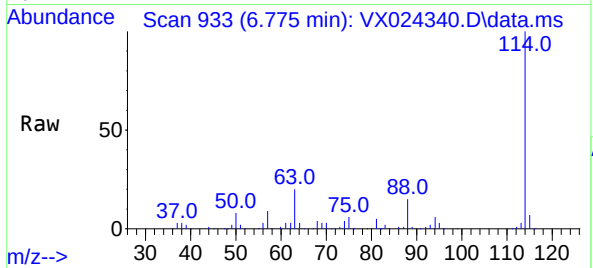




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

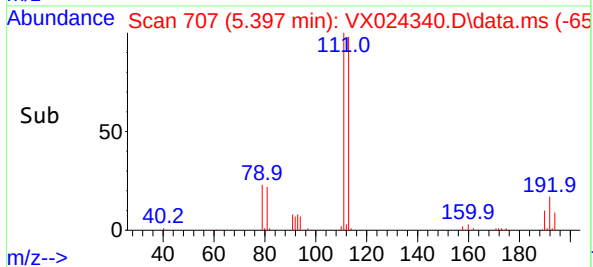
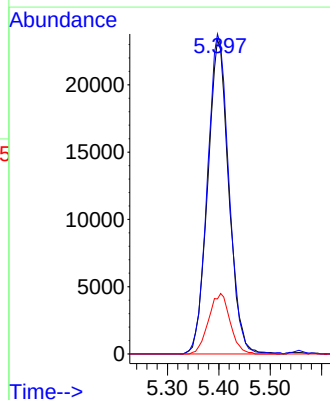
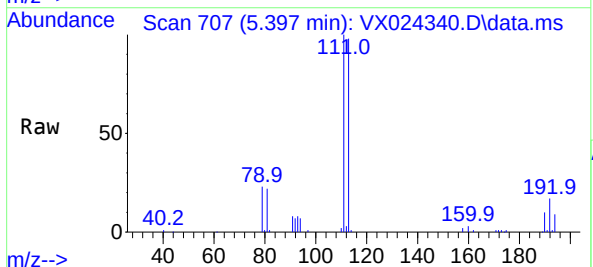
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915

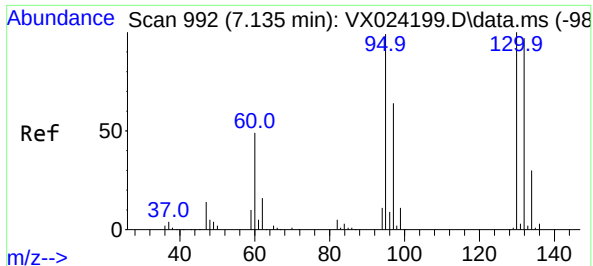
Tgt Ion:114 Resp: 198189
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.995 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion:113 Resp: 66451
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.6 16.7 25.1

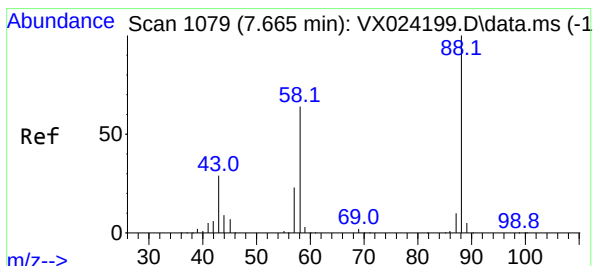
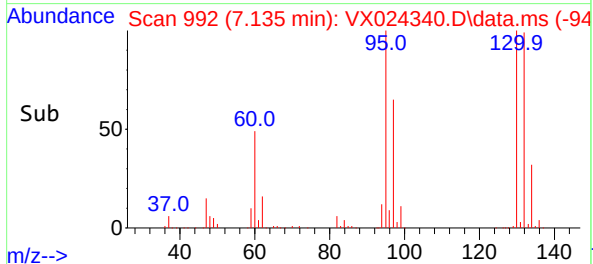
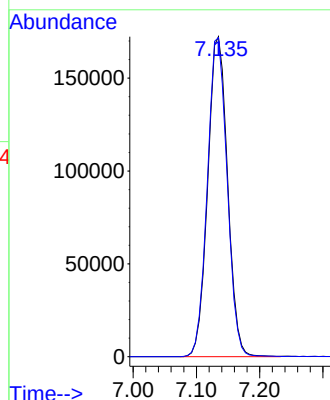
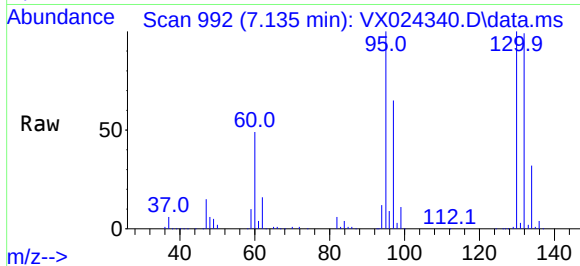




#44
Trichloroethene
Concen: 255.747 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

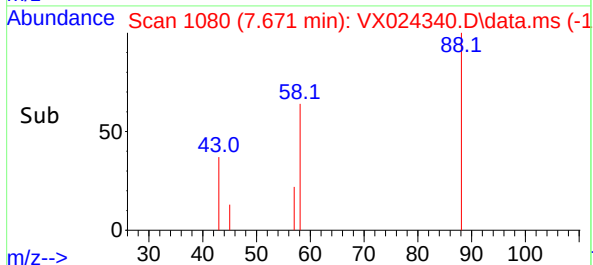
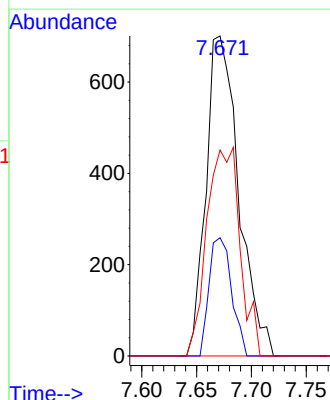
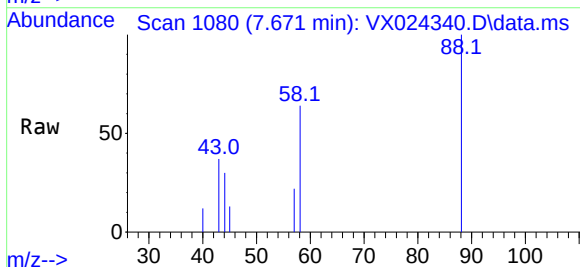
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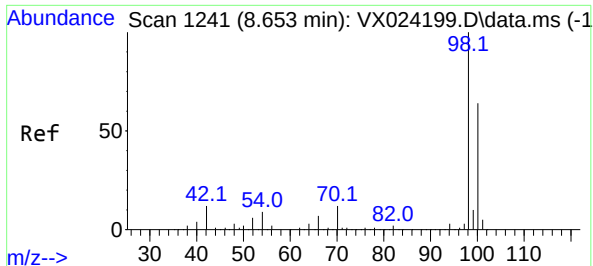
Tgt Ion:130 Resp: 375535
Ion Ratio Lower Upper
130 100
95 99.7 0.0 198.0



#49
1,4-Dioxane
Concen: 41.291 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion: 88 Resp: 1458
Ion Ratio Lower Upper
88 100
43 25.4 23.2 34.8
58 65.9 55.0 82.4

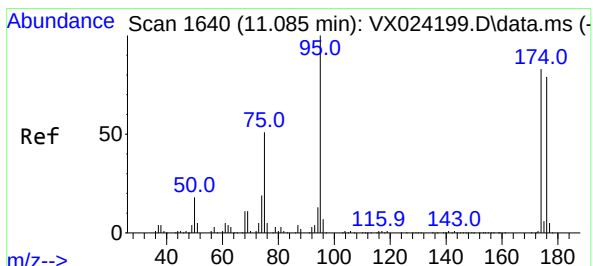
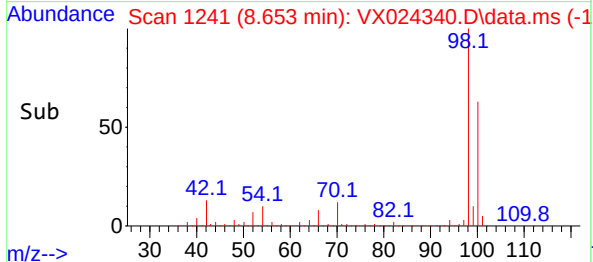
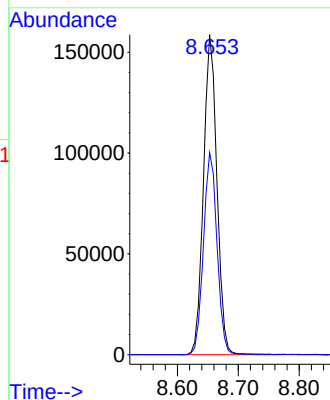
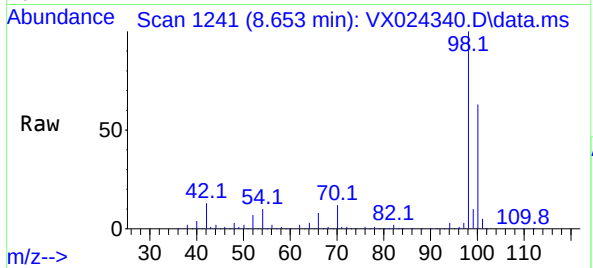




#50
Toluene-d8
Concen: 50.363 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

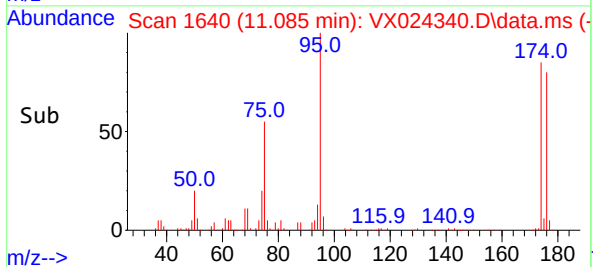
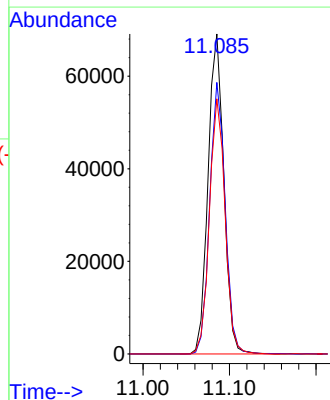
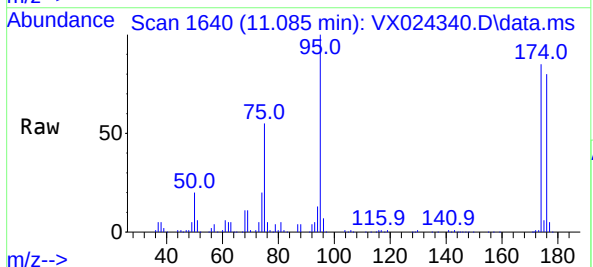
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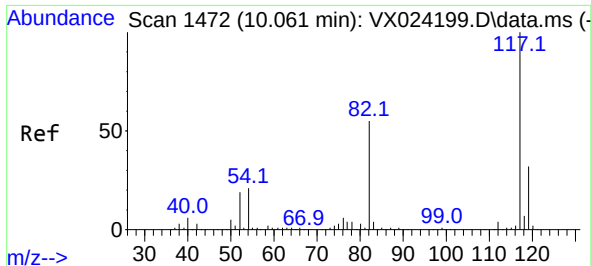
Tgt Ion: 98 Resp: 243860
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.361 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion: 95 Resp: 87360
Ion Ratio Lower Upper
95 100
174 83.3 0.0 154.6
176 79.2 0.0 155.8

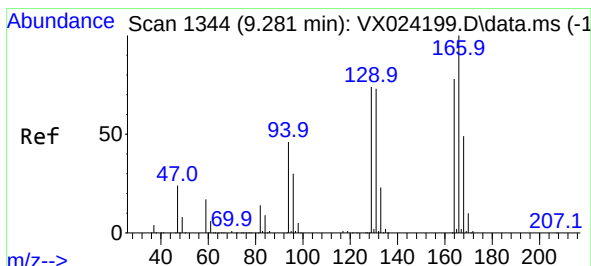
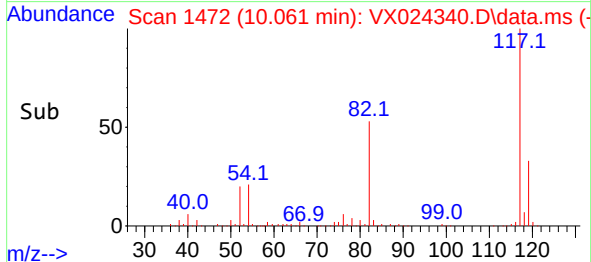
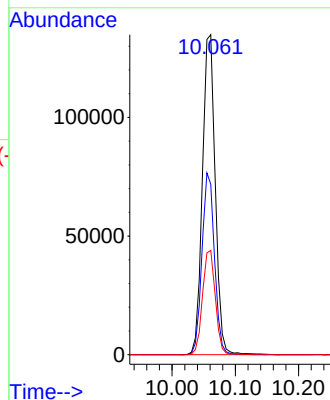
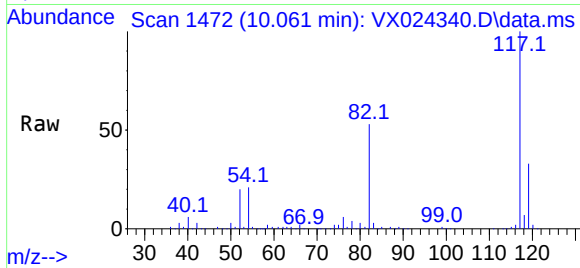




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

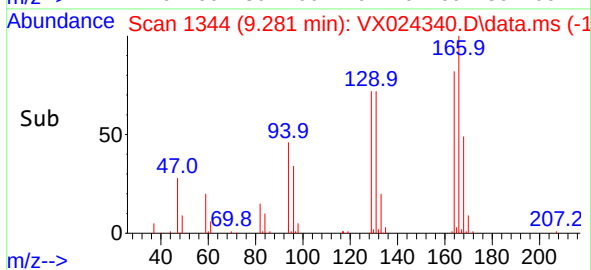
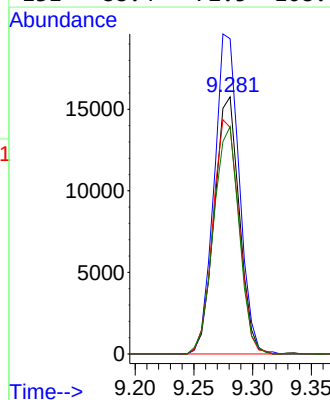
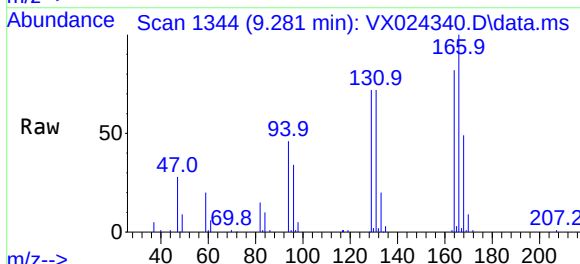
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915

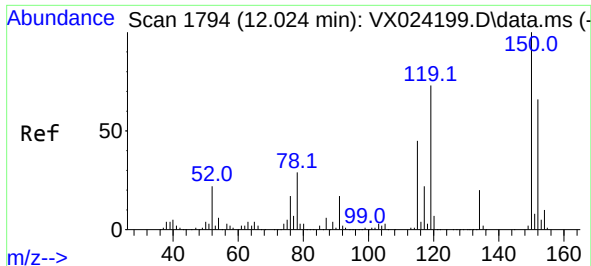
Tgt Ion:	117	Resp:	191047
Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.4	71.2
119	32.6	26.6	39.8



#64
Tetrachloroethene
Concen: 15.748 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Tgt Ion:	164	Resp:	23308
Ion	Ratio	Lower	Upper
164	100		
166	122.6	103.4	155.2
129	88.1	70.8	106.2
131	88.4	72.5	108.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024340.D
Acq: 18 Sep 2021 04:31

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20210915

Tgt Ion:152 Resp: 81552
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 156.6 0.0 349.0

