

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024341.D
 Acq On : 18 Sep 2021 04:55
 Operator : JC/MD
 Sample : M3782-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20210914

Quant Time: Sep 20 02:46:28 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)

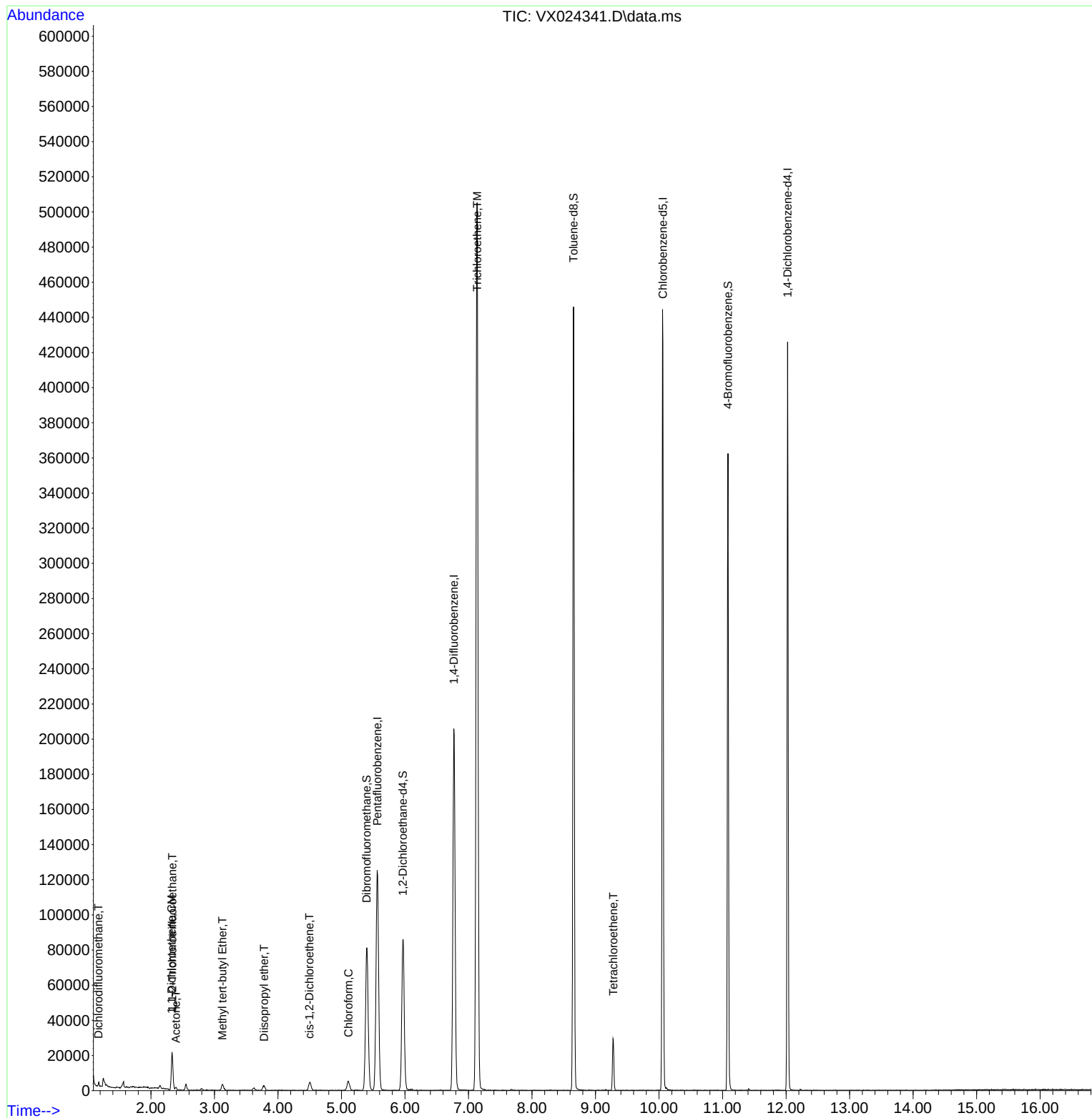
Internal Standards						
1) Pentafluorobenzene	5.562	168	114802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	196359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88620	54.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.260%	
35) Dibromofluoromethane	5.397	113	68968	50.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	8.653	98	253074	50.829	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.085	95	88321	45.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.160%	
Target Compounds						
2) Dichlorodifluoromethane	1.173	85	481	0.436	ug/l	Qvalue 93
9) 1,1,2-Trichlorotrifluo...	2.337	101	6714	5.940	ug/l	91
12) 1,1-Dichloroethene	2.325	96	1219	1.152	ug/l	86
16) Acetone	2.392	43	1559	2.233	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	3666	0.942	ug/l	98
22) Diisopropyl ether	3.782	45	2593	0.686	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	2804	2.095	ug/l	95
30) Chloroform	5.111	83	6145	2.606	ug/l	95
44) Trichloroethene	7.135	130	192013	127.168	ug/l	97
64) Tetrachloroethene	9.281	164	5379	3.536	ug/l	93

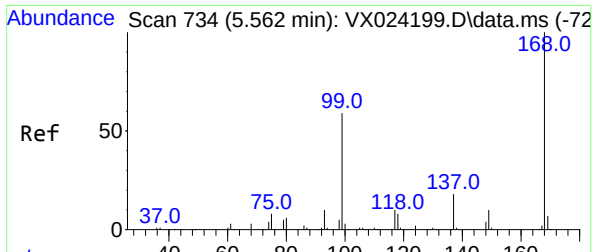
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

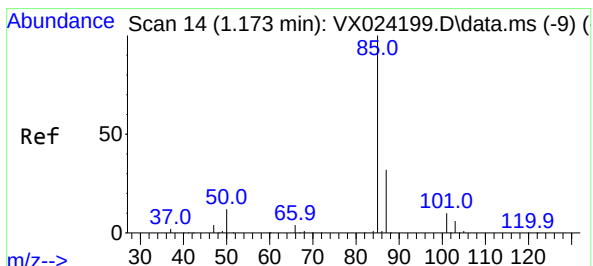
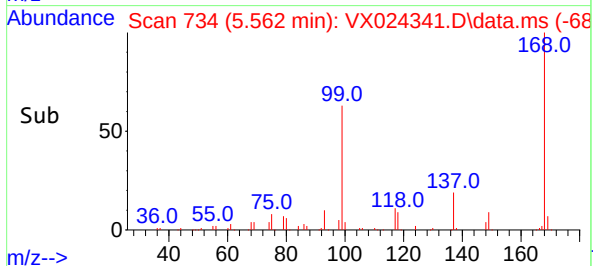
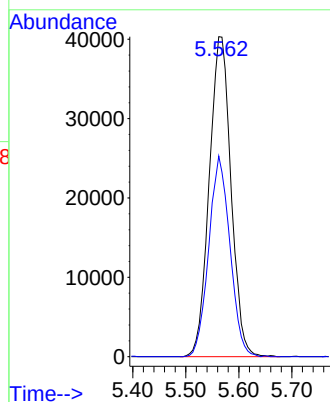
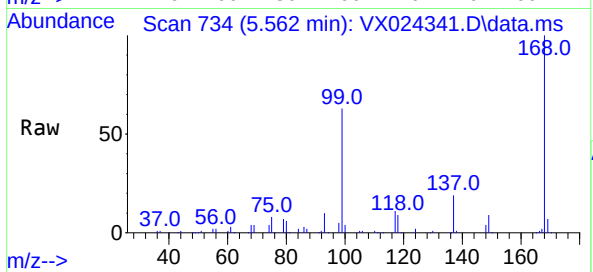




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

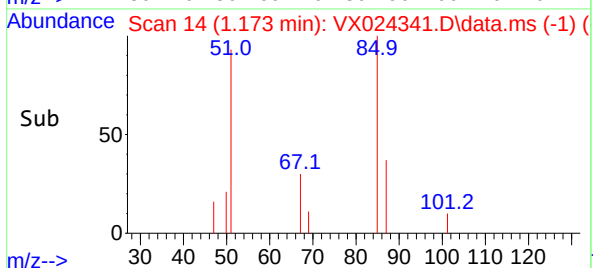
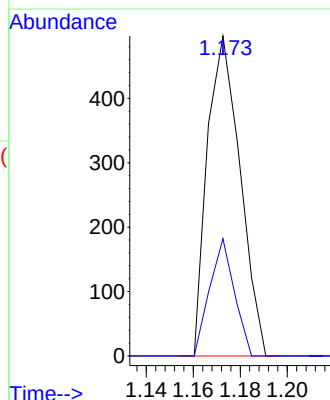
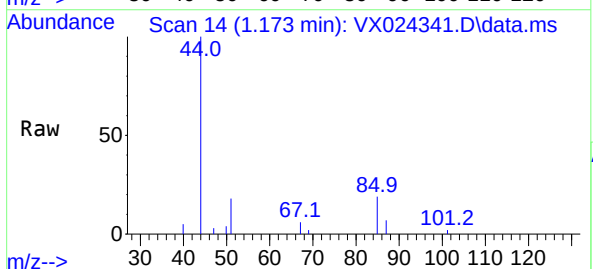
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210914

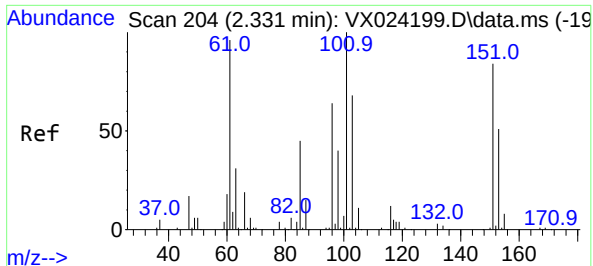
Tgt Ion:168 Resp: 114802
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.436 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion: 85 Resp: 481
Ion Ratio Lower Upper
85 100
87 36.6 16.4 49.2

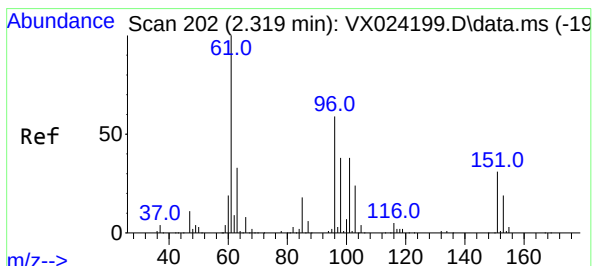
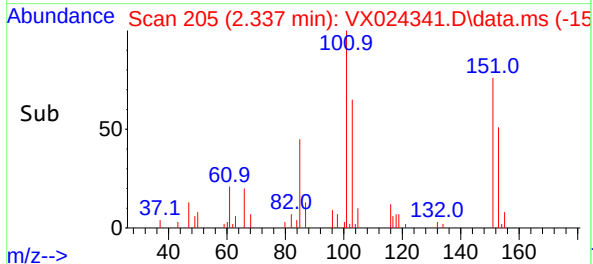
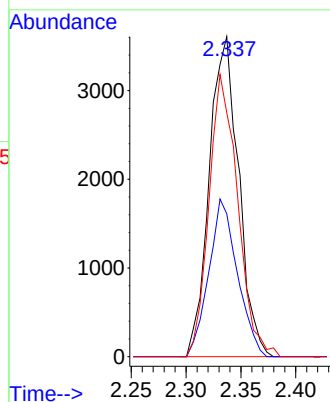
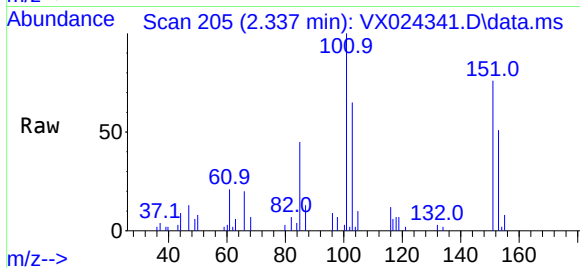




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.940 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

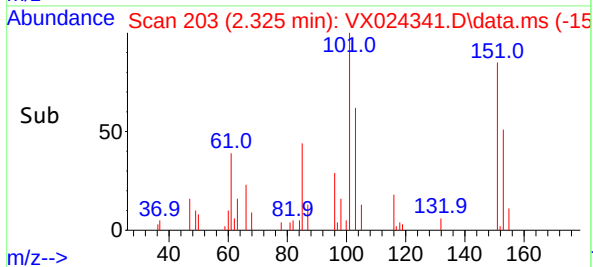
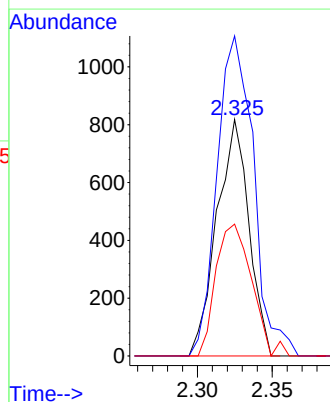
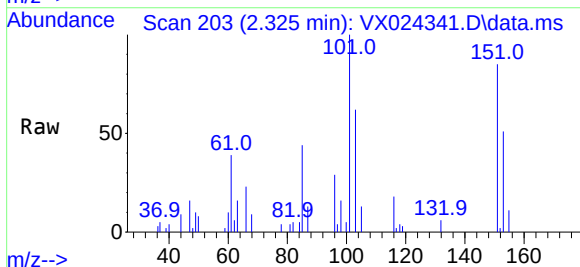
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210914

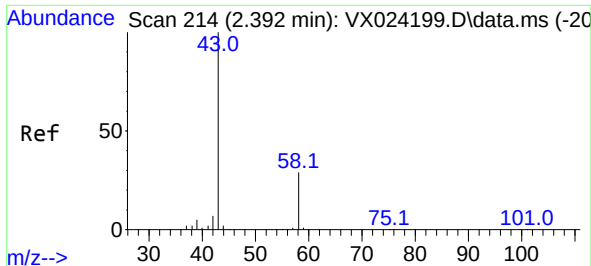
Tgt Ion:101 Resp: 6714
Ion Ratio Lower Upper
101 100
85 48.0 34.9 52.3
151 86.2 61.4 92.2



#12
1,1-Dichloroethene
Concen: 1.152 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion: 96 Resp: 1219
Ion Ratio Lower Upper
96 100
61 135.3 124.6 187.0
98 55.7 50.6 76.0

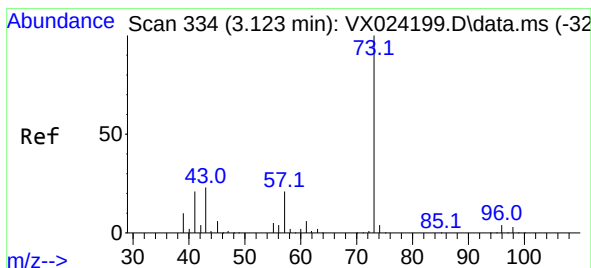
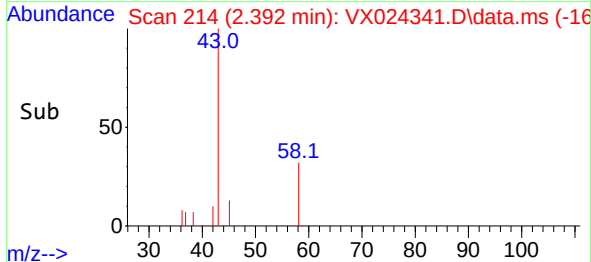
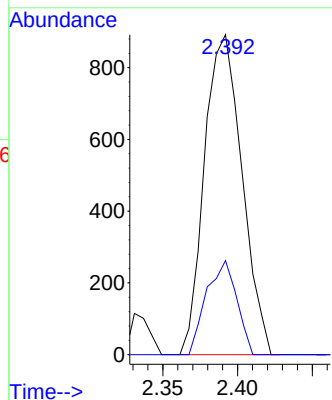
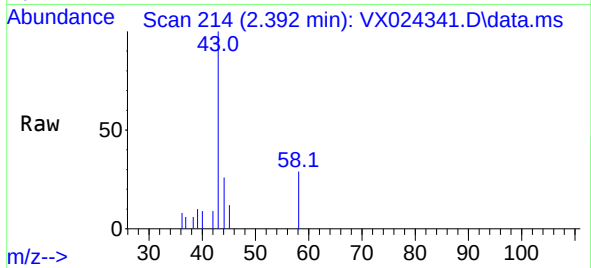




#16
Acetone
Concen: 2.233 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

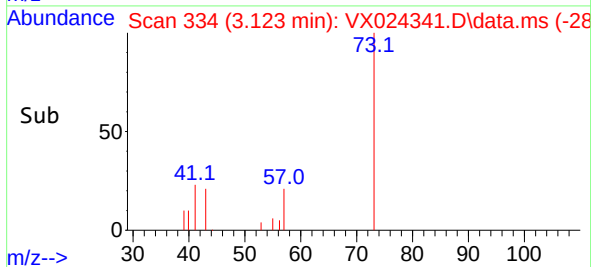
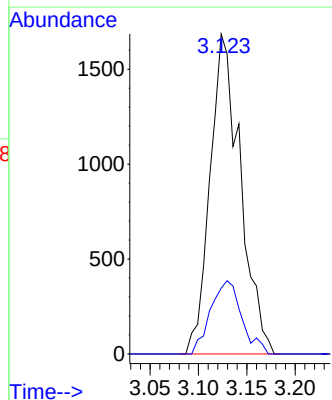
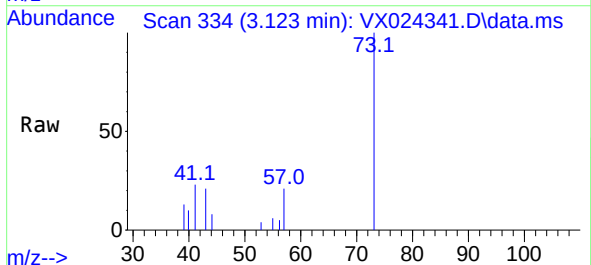
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210914

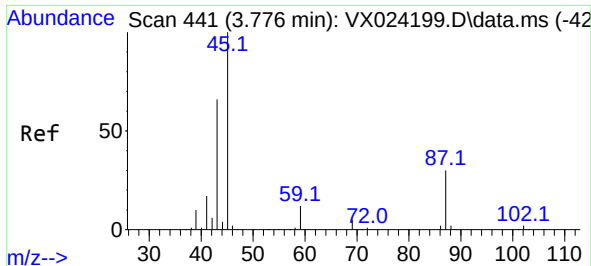
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.942 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion: 73 Resp: 3666
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



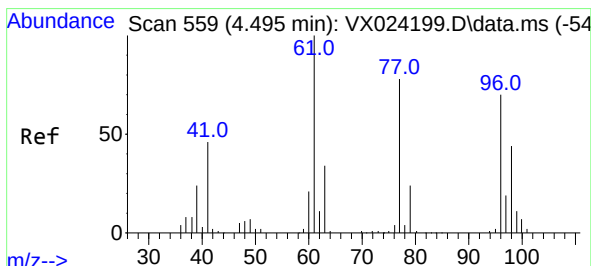
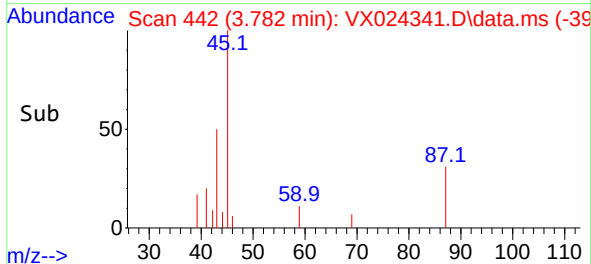
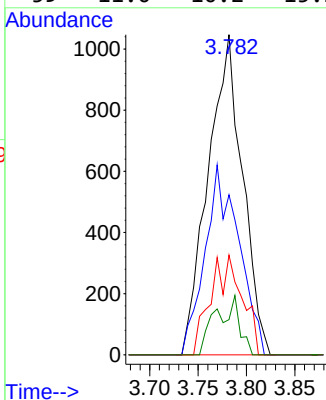
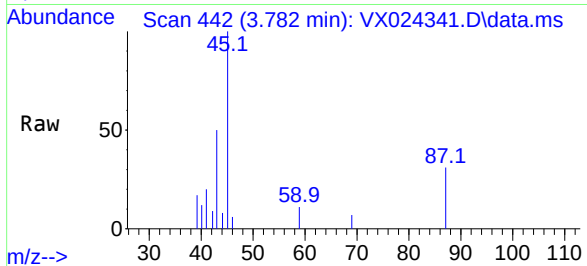


#22
Diisopropyl ether
Concen: 0.686 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210914

Tgt Ion: 45 Resp: 2593

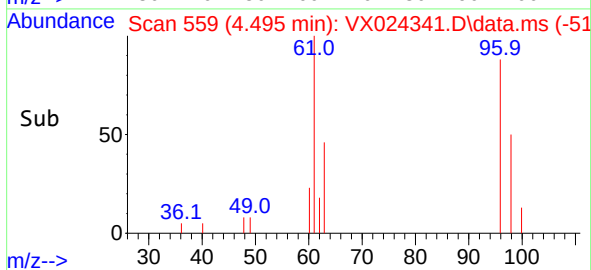
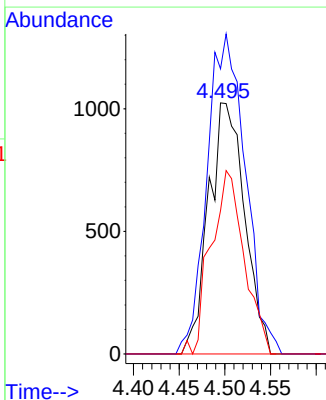
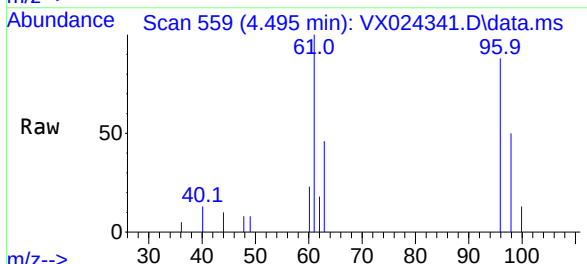
Ion	Ratio	Lower	Upper
45	100		
43	50.0	58.0	87.0#
87	31.1	25.4	38.0
59	11.0	10.2	15.2

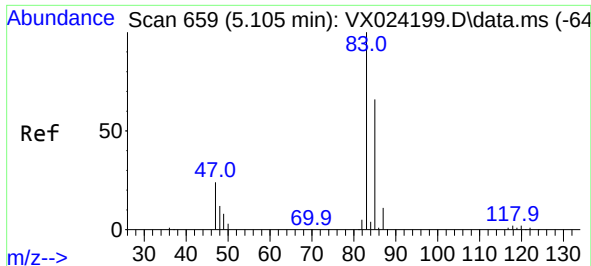


#27
cis-1,2-Dichloroethene
Concen: 2.095 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion: 96 Resp: 2804

Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	285.6
98	67.7	0.0	129.6

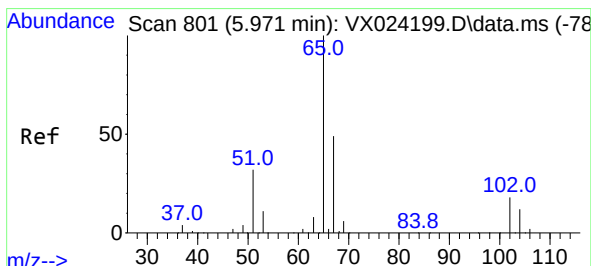
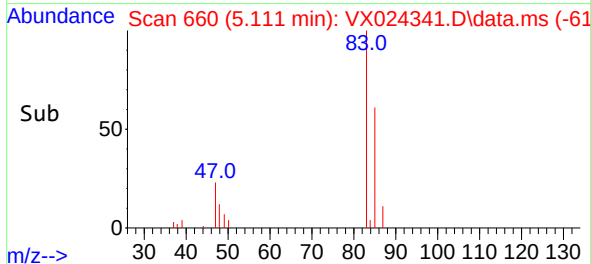
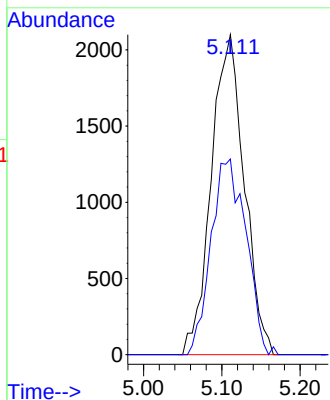
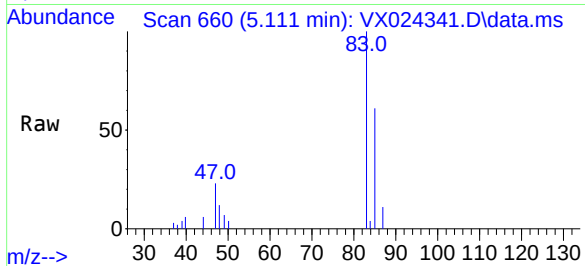




#30
Chloroform
Concen: 2.606 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

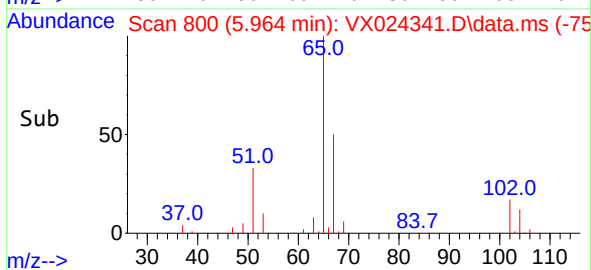
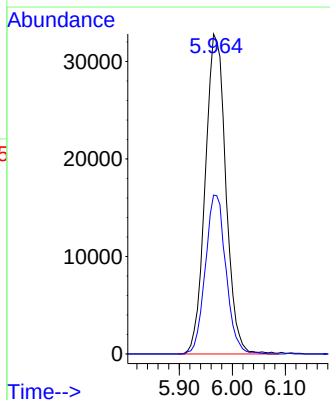
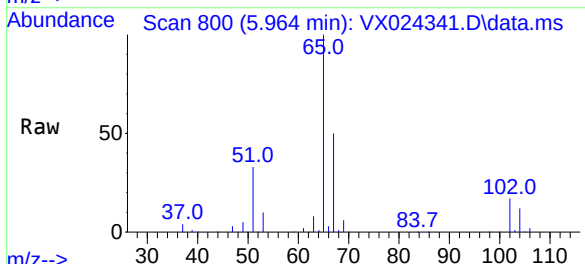
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210914

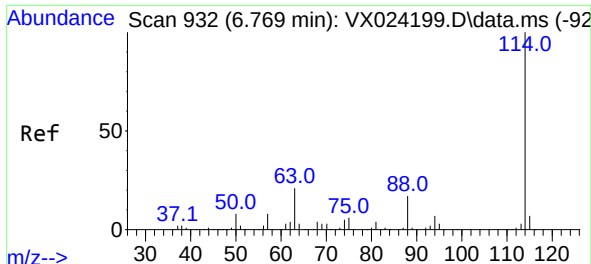
Tgt Ion: 83 Resp: 6145
Ion Ratio Lower Upper
83 100
85 61.1 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 54.134 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion: 65 Resp: 88620
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

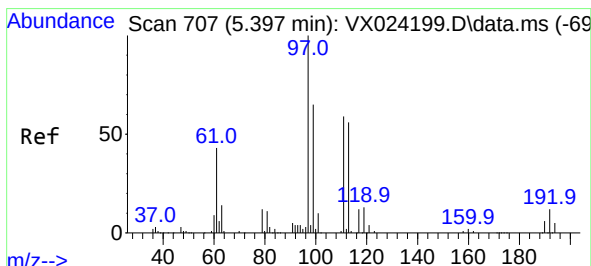
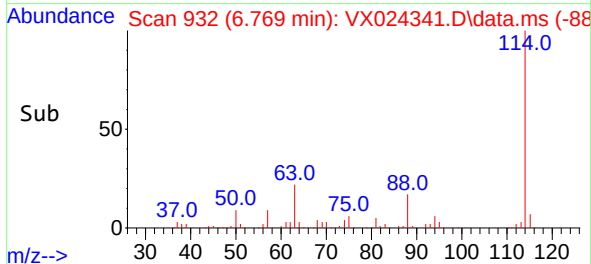
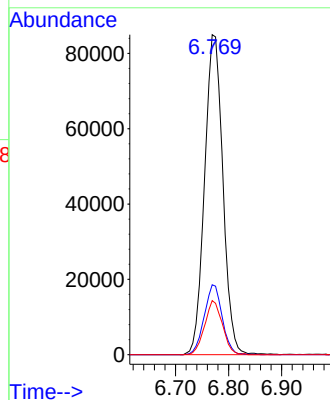
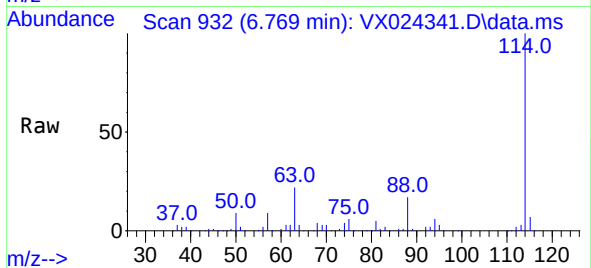




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

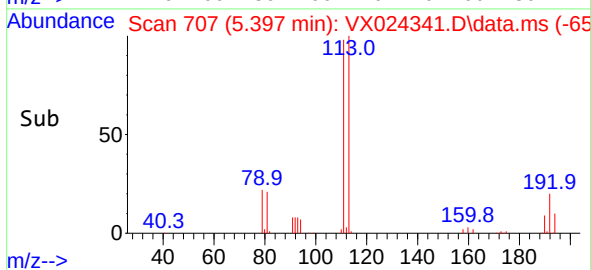
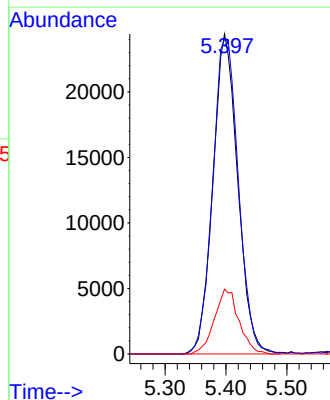
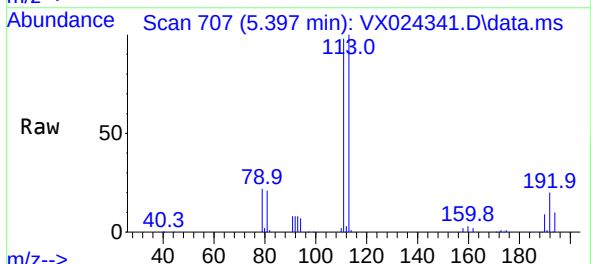
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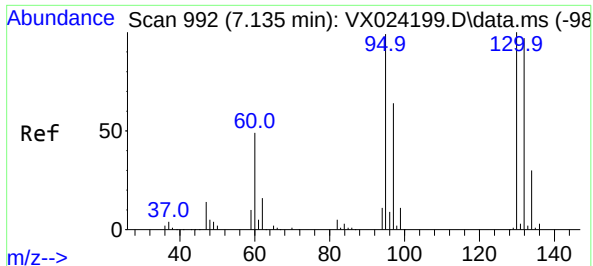
Tgt Ion:114 Resp: 203794
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.462 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion:113 Resp: 68968
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.0 16.7 25.1

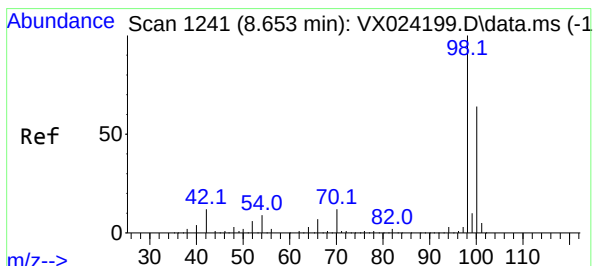
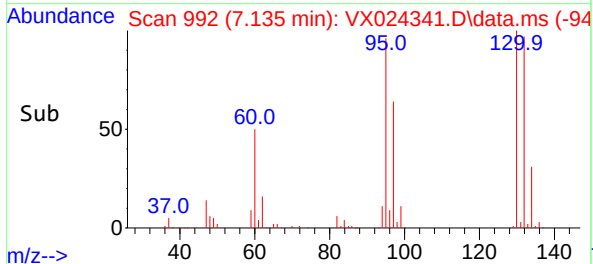
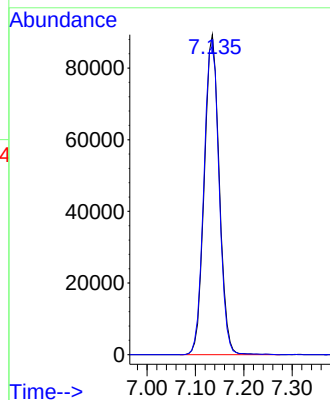
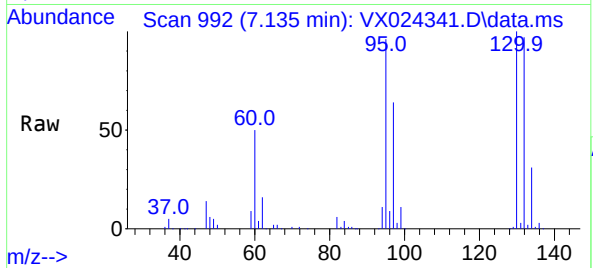




#44
Trichloroethene
Concen: 127.168 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

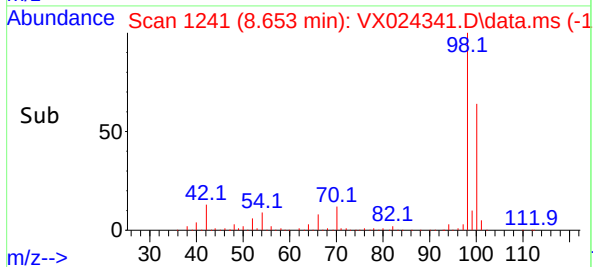
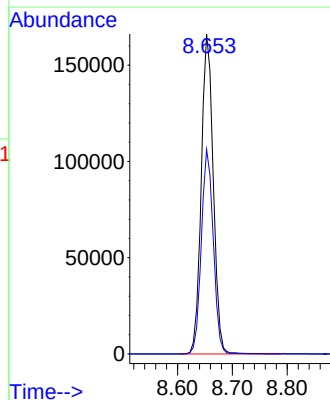
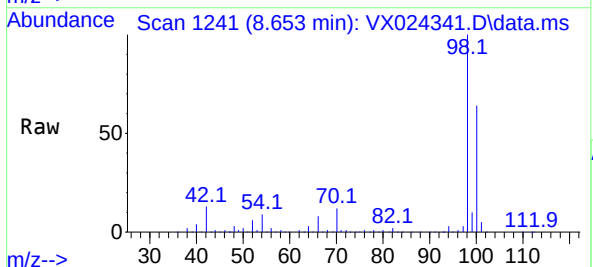
Instrument :
MSVOA_X
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RE132D1-20210914

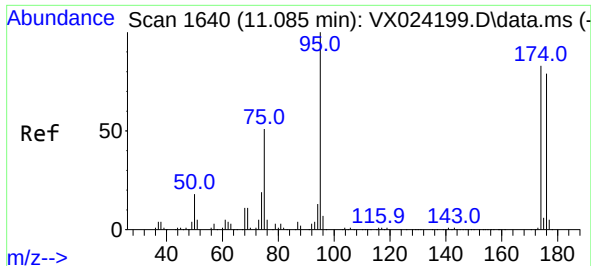
Tgt Ion:130 Resp: 192013
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.0



#50
Toluene-d8
Concen: 50.829 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion: 98 Resp: 253074
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

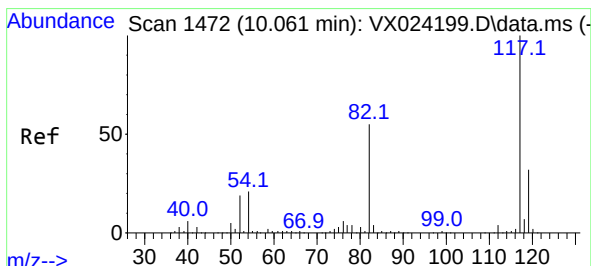
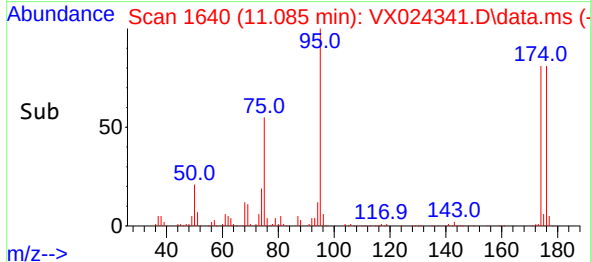
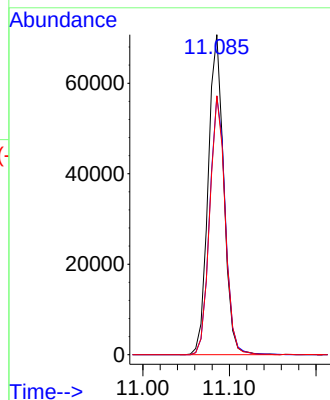
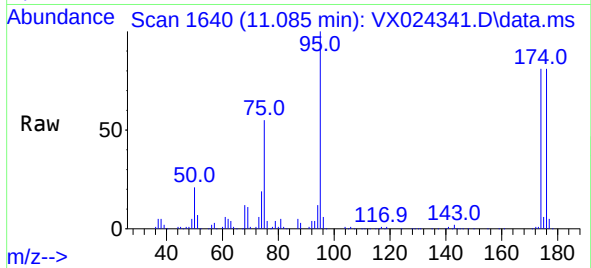




#62
4-Bromofluorobenzene
Concen: 45.582 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

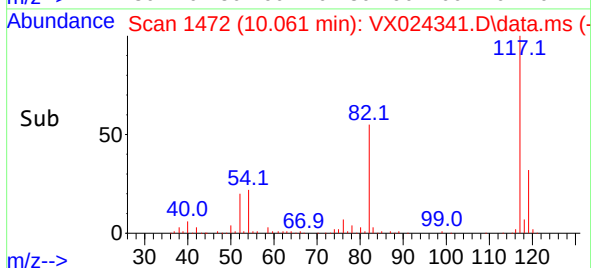
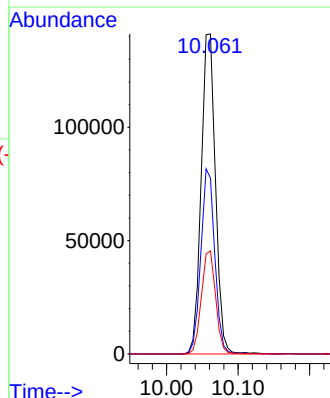
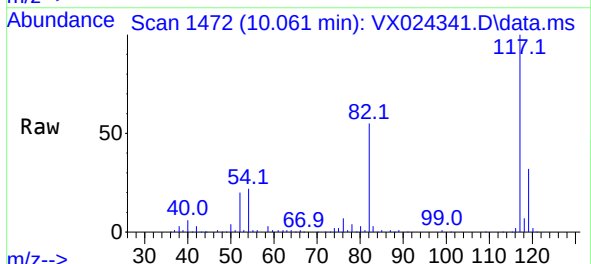
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210914

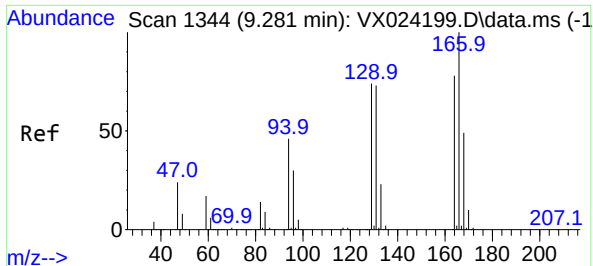
Tgt Ion: 95 Resp: 88321
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 79.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion: 117 Resp: 196359
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.3 26.6 39.8



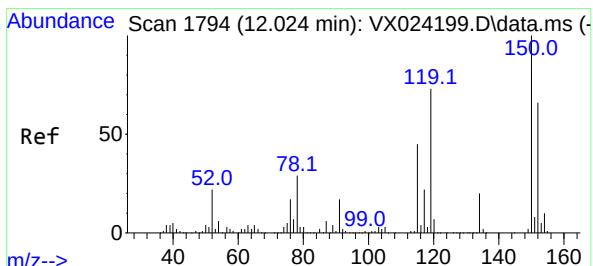
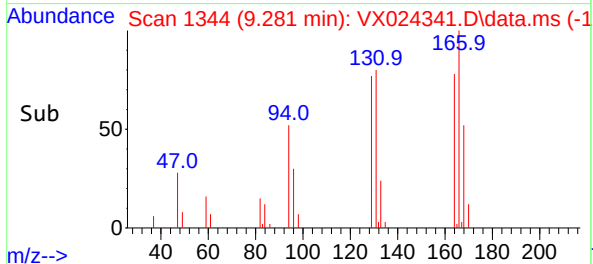
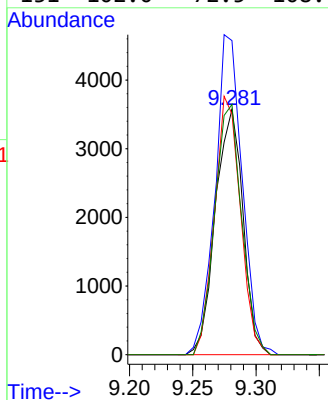
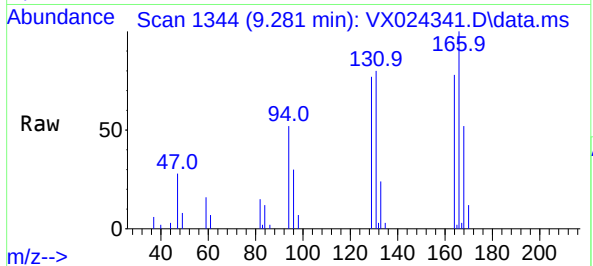


#64
Tetrachloroethene
Concen: 3.536 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024341.D
Acq: 18 Sep 2021 04:55

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210914

Tgt Ion:164 Resp: 5379

Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.4	155.2
129	98.1	70.8	106.2
131	102.0	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: VX024341.D
Acq: 18 Sep 2021 04:55

Tgt Ion:152 Resp: 83328

Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.1	123.3
150	156.6	0.0	349.0

