

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024336.D
 Acq On : 18 Sep 2021 02:57
 Operator : JC/MD
 Sample : M3782-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20210914

Quant Time: Sep 20 02:45:01 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)

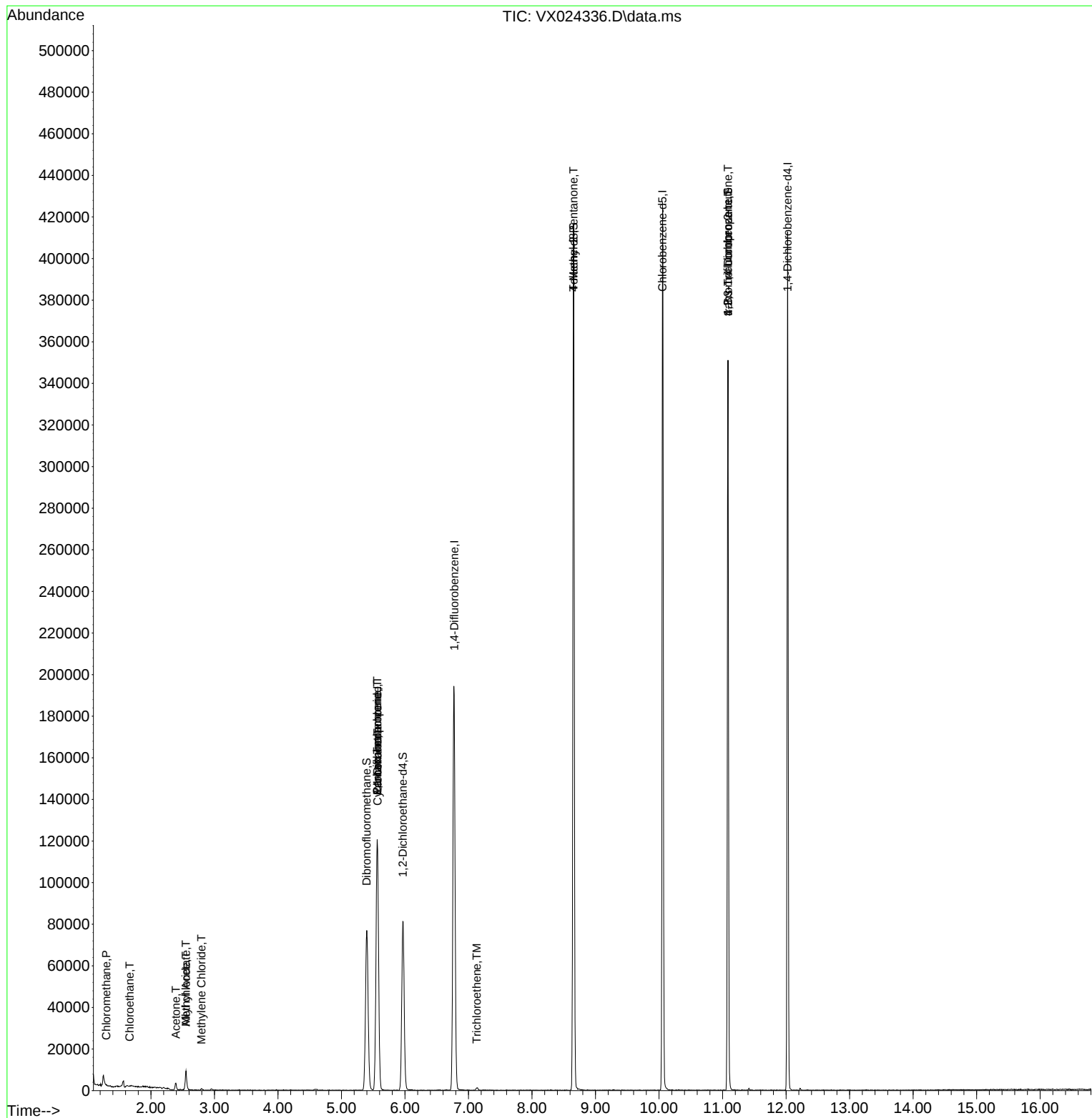
Internal Standards						
1) Pentafluorobenzene	5.562	168	111285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	192536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81914	51.619	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.240%			
35) Dibromofluoromethane	5.397	113	64435	49.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
50) Toluene-d8	8.653	98	234533	49.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.720%			
62) 4-Bromofluorobenzene	11.085	95	84826	46.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.680%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	364	0.326	ug/l	94
6) Chloroethane	1.666	64	334	2.355	ug/l	99
11) Tert butyl alcohol	2.989	59	19	Below Cal	#	73
14) Allyl chloride	2.550	41	904	0.485	ug/l #	39
16) Acetone	2.392	43	3468	5.125	ug/l #	81
18) Methyl Acetate	2.550	43	2527	1.191	ug/l #	47
20) Methylene Chloride	2.794	84	296	0.228	ug/l #	64
31) Cyclohexane	5.568	56	2718	1.464	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	9052	5.114	ug/l #	49
38) Carbon Tetrachloride	5.562	117	11629	5.837	ug/l #	15
44) Trichloroethene	7.129	130	624	0.437	ug/l	56
51) 4-Methyl-2-Pentanone	8.653	43	1147	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	47161	25.839	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	47161	75.992	ug/l #	12

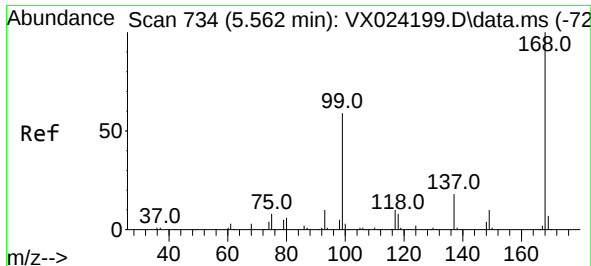
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
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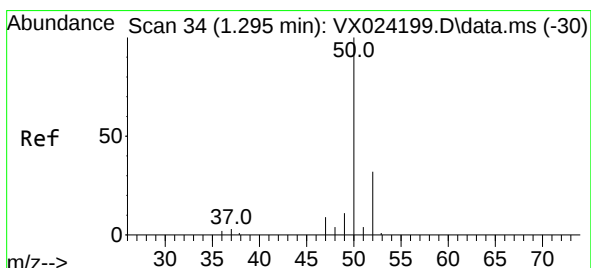
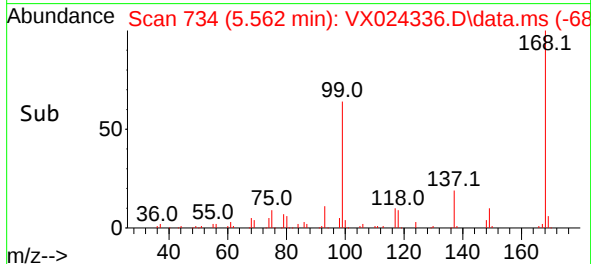
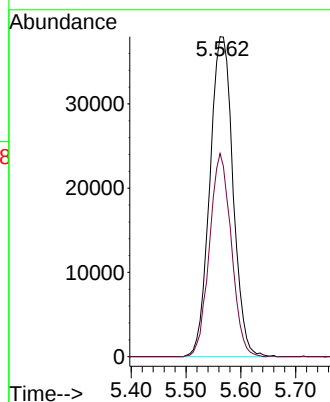
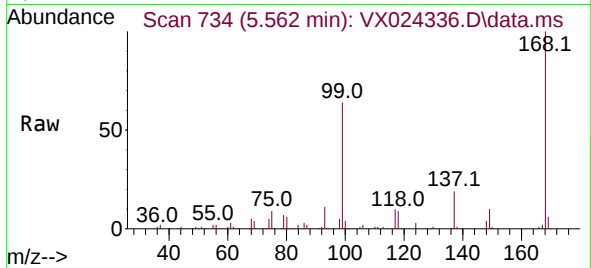




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

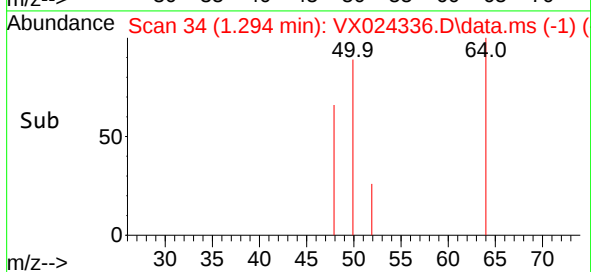
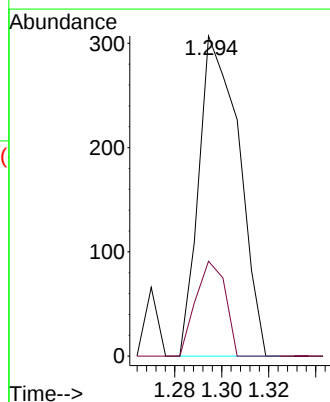
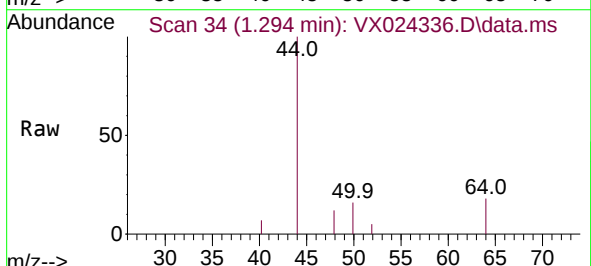
Instrument :
MSVOA_X
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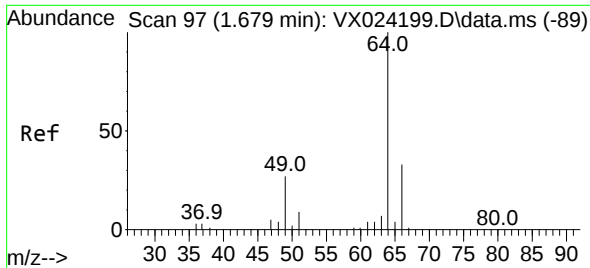
Tgt Ion:168 Resp: 111285
Ion Ratio Lower Upper
168 100
99 63.5 45.8 68.6



#3
Chloromethane
Concen: 0.326 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 50 Resp: 364
Ion Ratio Lower Upper
50 100
52 29.6 26.4 39.6

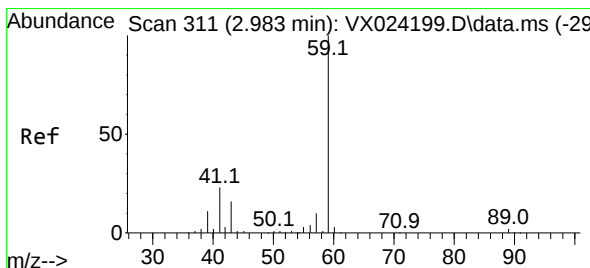
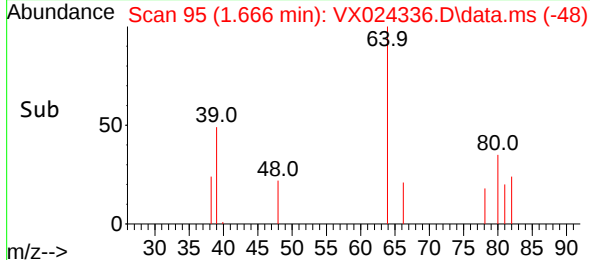
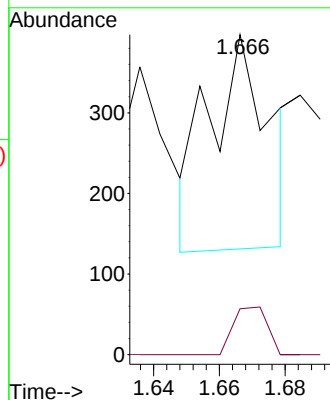
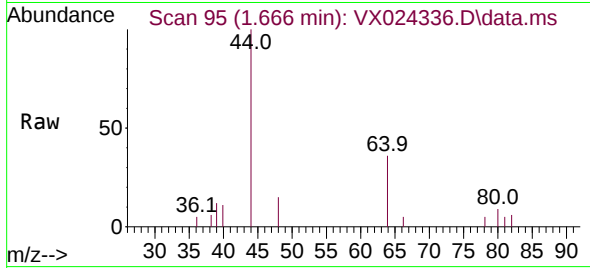




#6
Chloroethane
Concen: 2.355 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

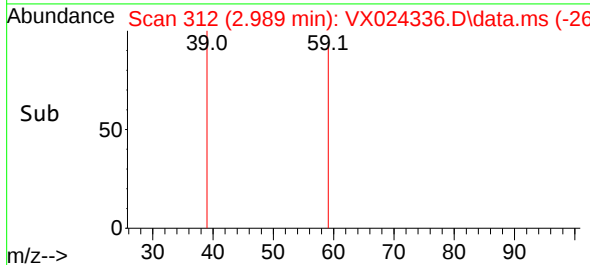
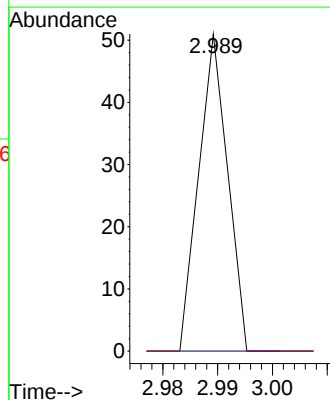
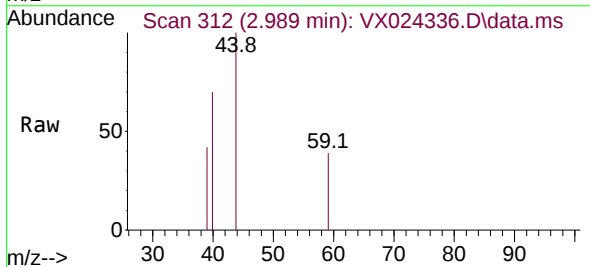
Instrument :
MSVOA_X
ClientSampleId :
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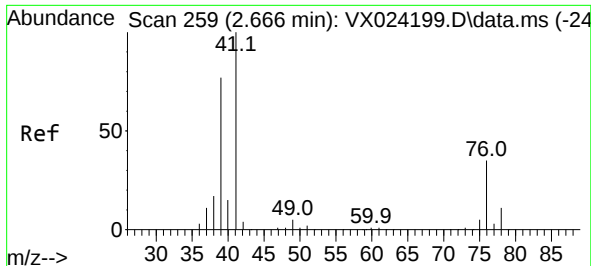
Tgt Ion: 64 Resp: 334
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

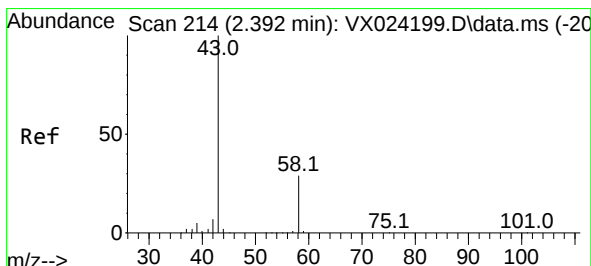
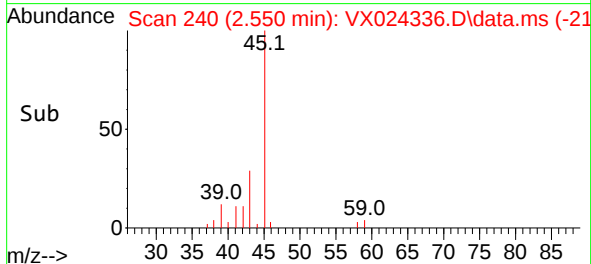
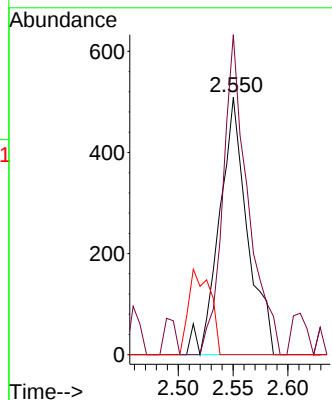
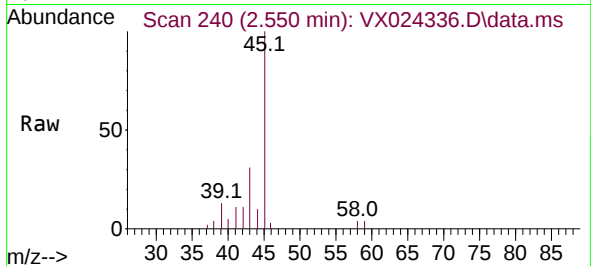




#14
 Allyl chloride
 Concen: 0.485 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX024336.D
 Acq: 18 Sep 2021 02:57

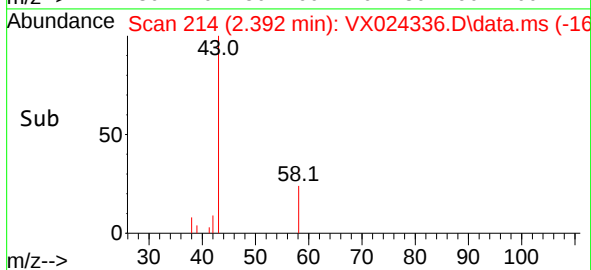
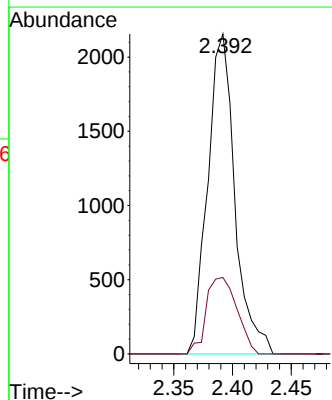
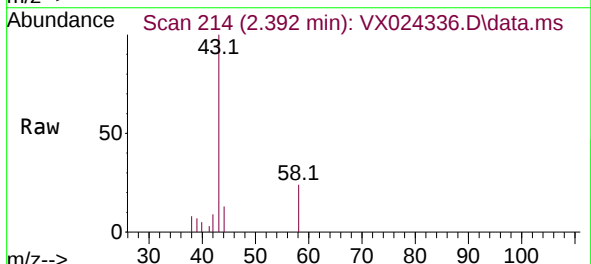
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20210914

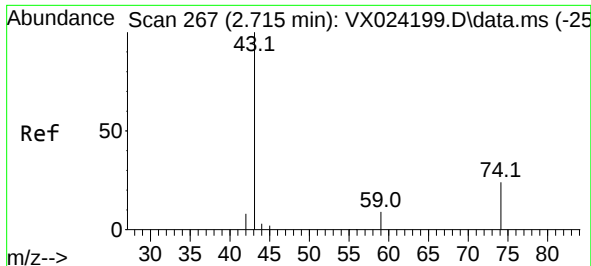
Tgt Ion: 41 Resp: 904
 Ion Ratio Lower Upper
 41 100
 39 111.6 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 5.125 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX024336.D
 Acq: 18 Sep 2021 02:57

Tgt Ion: 43 Resp: 3468
 Ion Ratio Lower Upper
 43 100
 58 23.9 27.8 41.8#

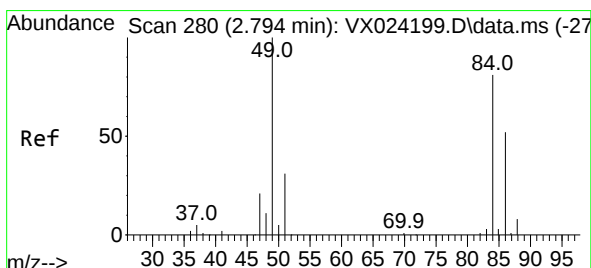
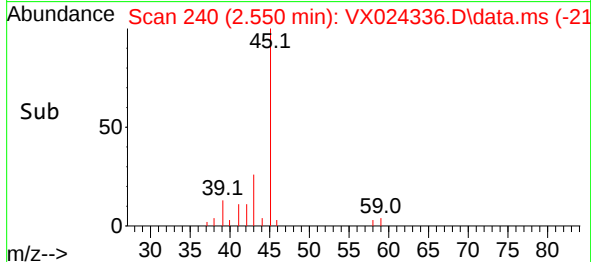
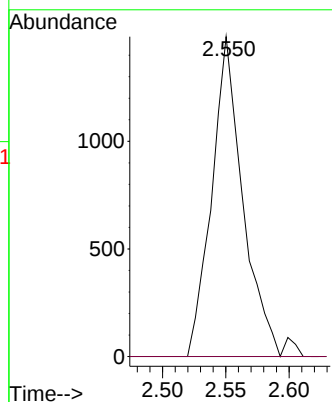
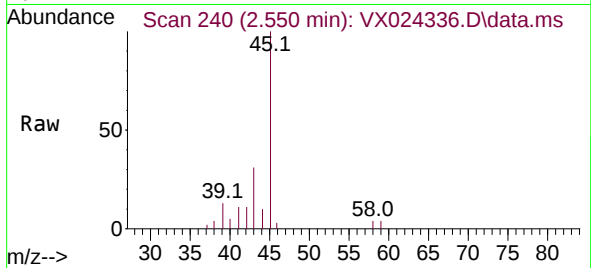




#18
Methyl Acetate
Concen: 1.191 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.165 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

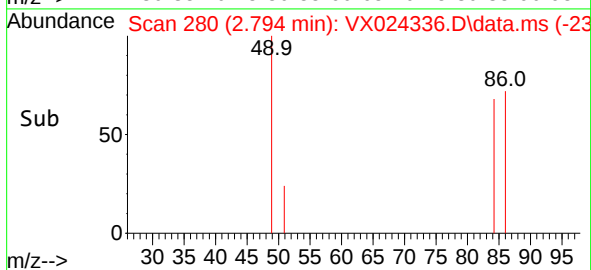
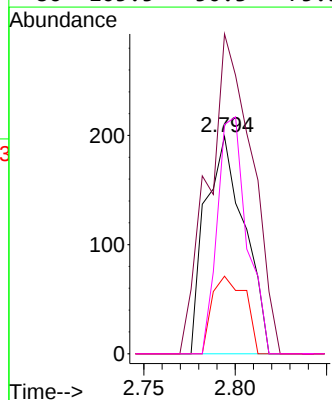
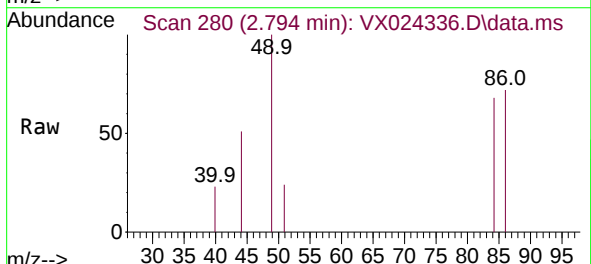
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210914

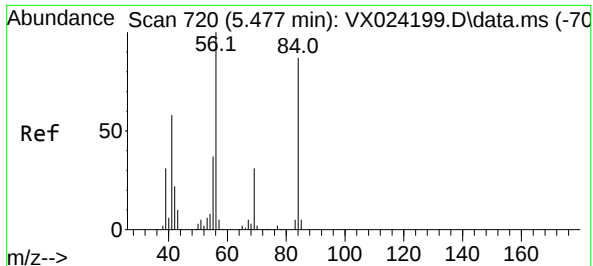
Tgt Ion: 43 Resp: 2527
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 84 Resp: 296
Ion Ratio Lower Upper
84 100
49 147.2 88.6 132.8#
51 35.7 27.0 40.6
86 105.5 50.3 75.5#

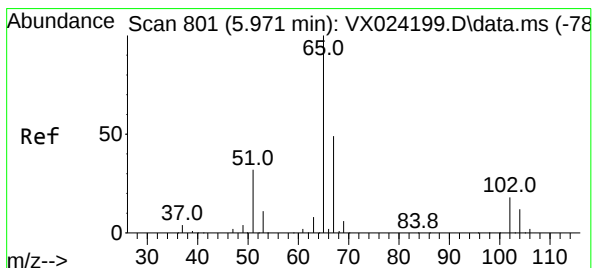
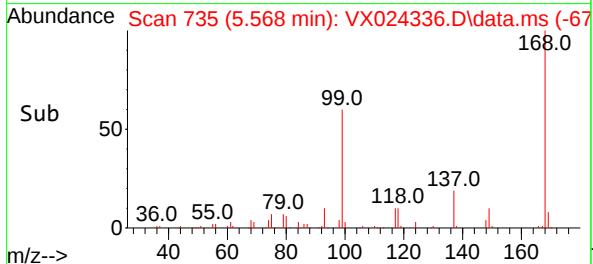
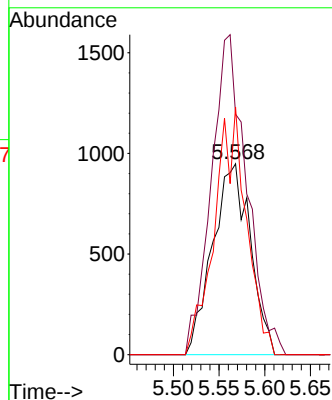
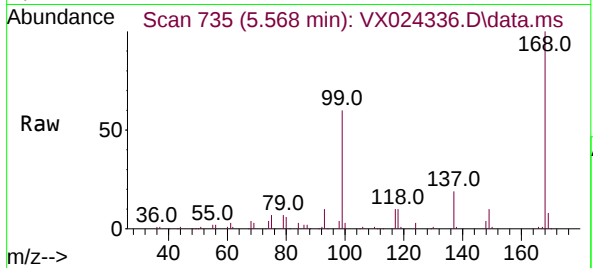




#31
Cyclohexane
Concen: 1.464 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

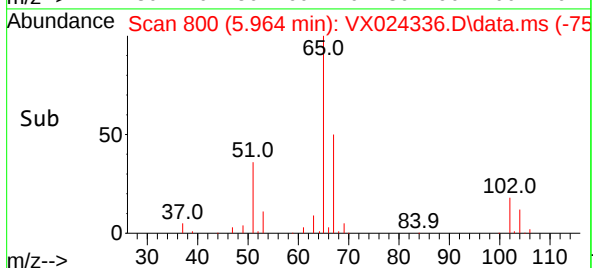
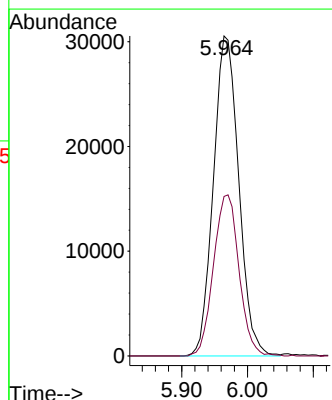
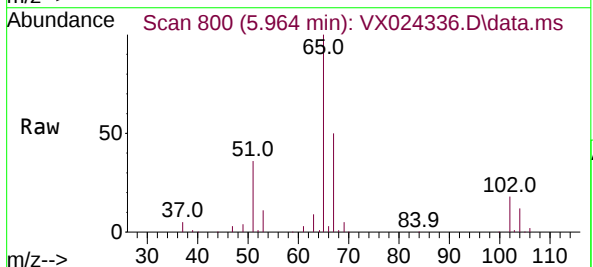
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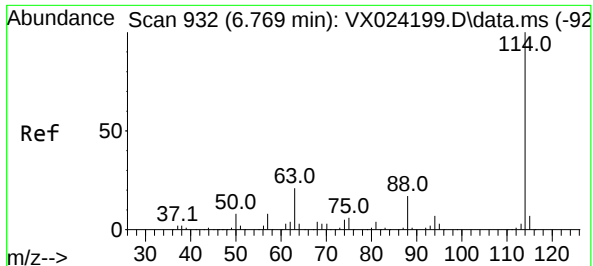
Tgt Ion: 56 Resp: 2718
Ion Ratio Lower Upper
56 100
69 126.1 25.3 37.9#
84 129.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.619 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 65 Resp: 81914
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

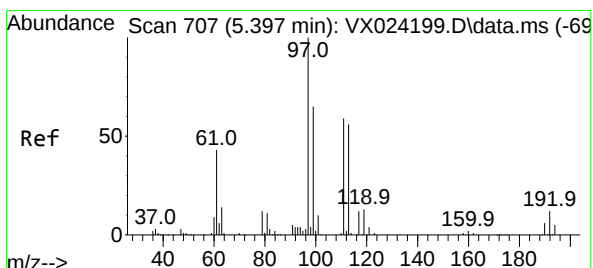
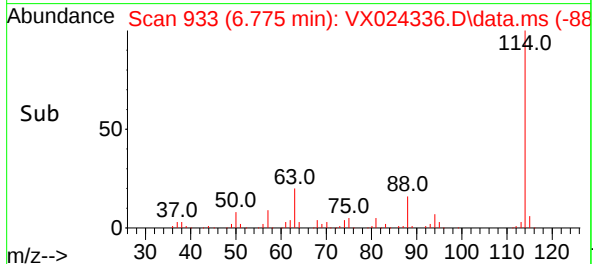
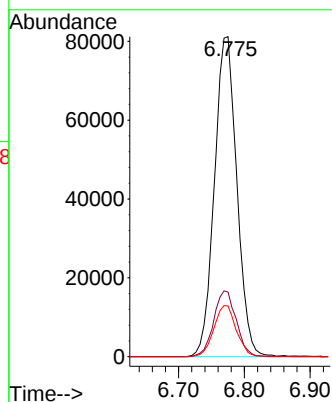
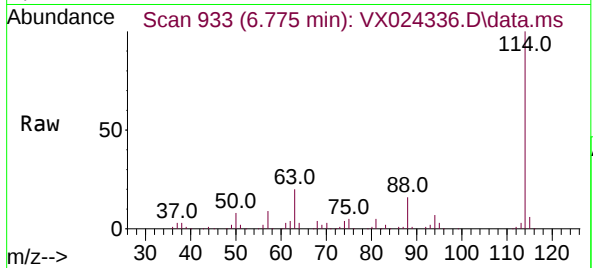




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

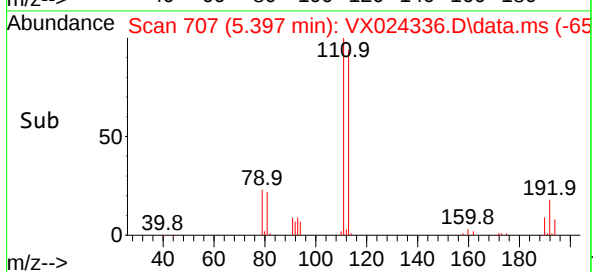
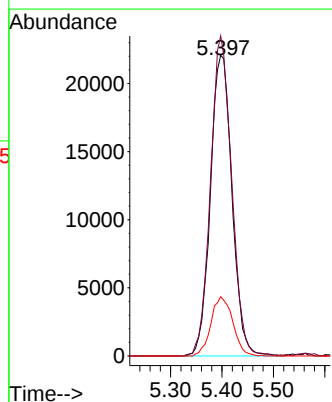
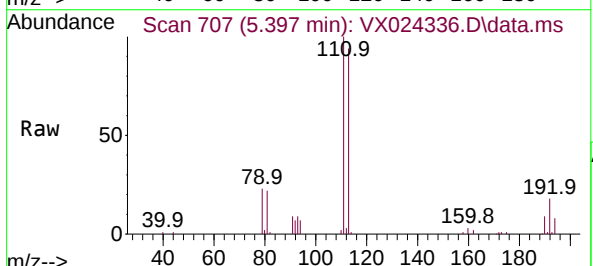
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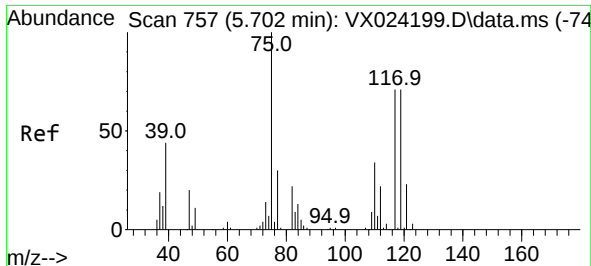
Tgt Ion:114 Resp: 192536
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.902 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion:113 Resp: 64435
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 19.9 16.7 25.1

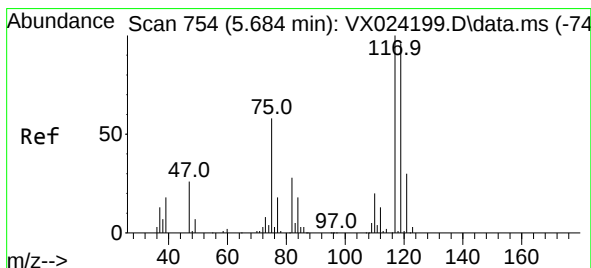
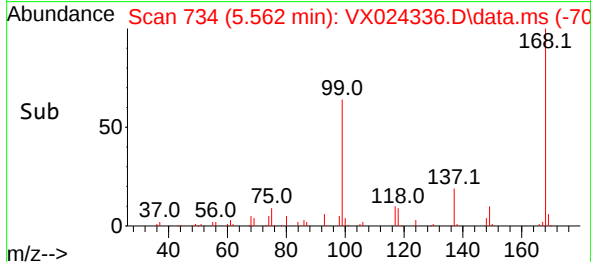
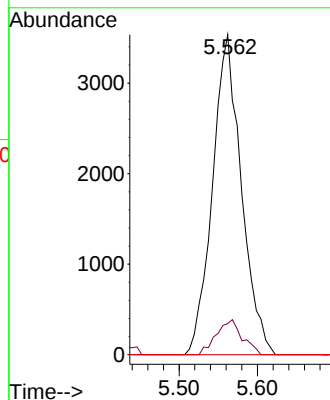
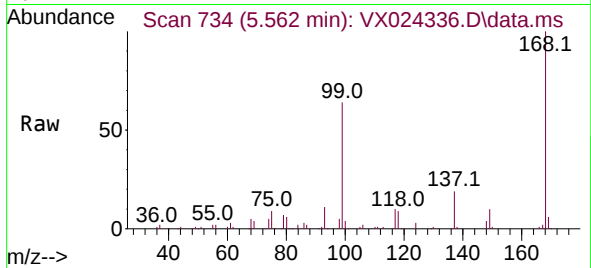




#36
1,1-Dichloropropene
Concen: 5.114 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

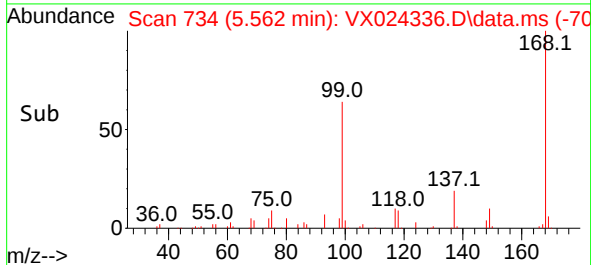
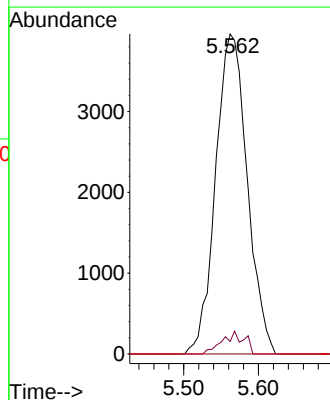
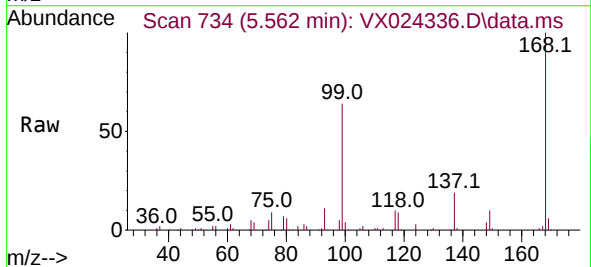
Instrument :
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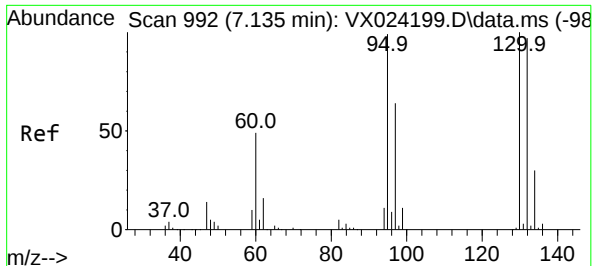
Tgt Ion: 75 Resp: 9052
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 117 Resp: 11629
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

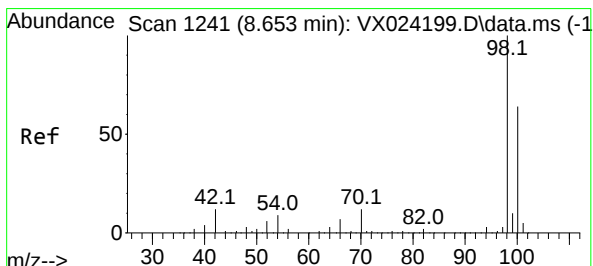
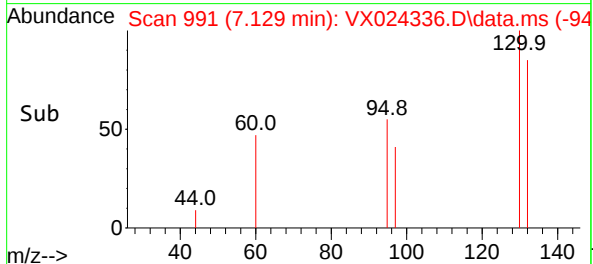
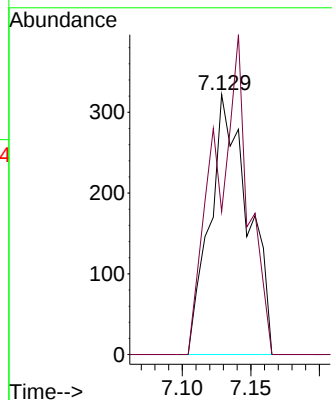
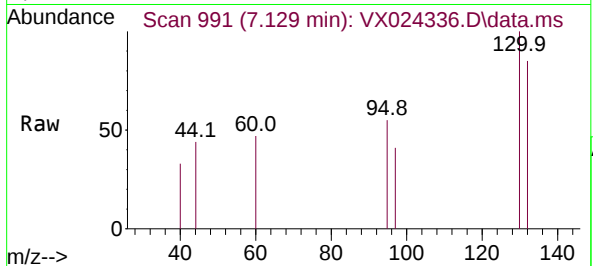




#44
Trichloroethene
Concen: 0.437 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

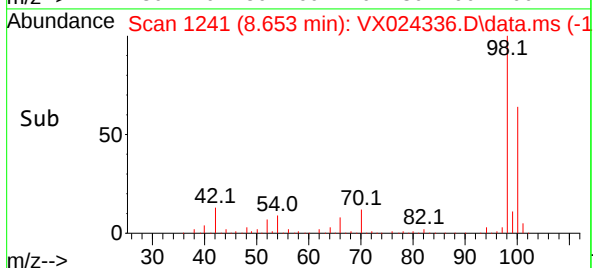
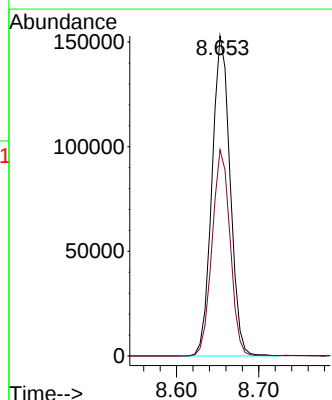
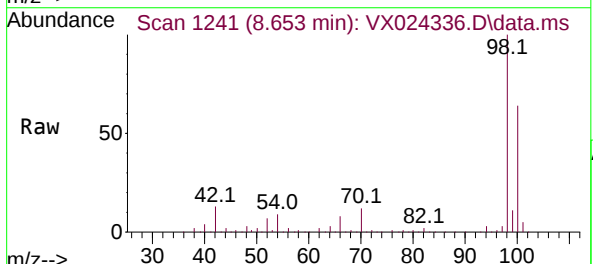
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210914

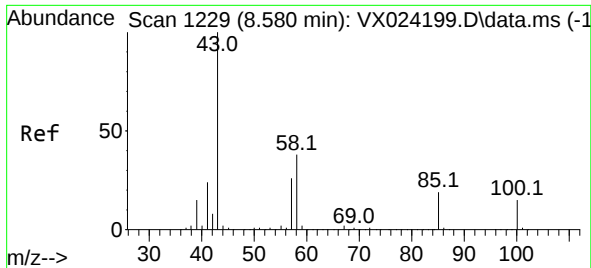
Tgt Ion:130 Resp: 624
Ion Ratio Lower Upper
130 100
95 55.0 0.0 198.0



#50
Toluene-d8
Concen: 49.859 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 98 Resp: 234533
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

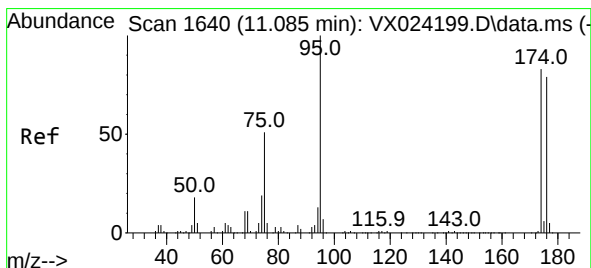
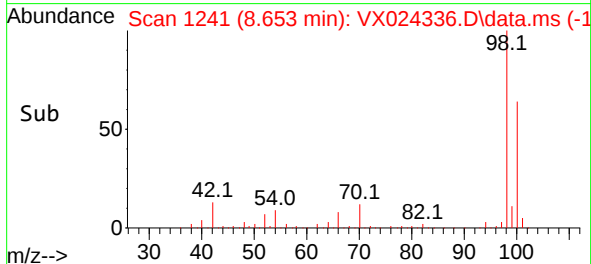
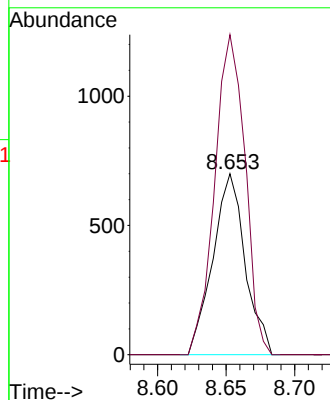
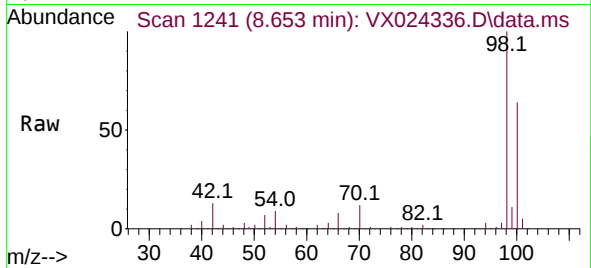




#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

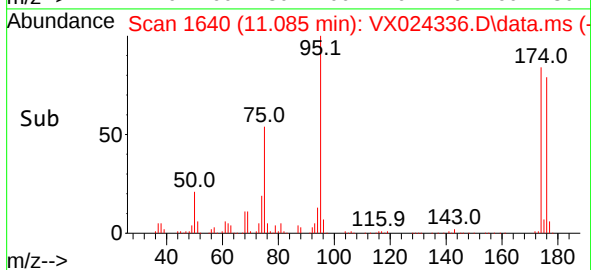
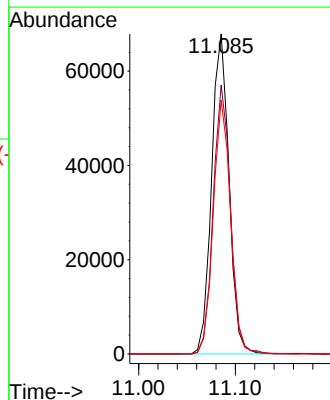
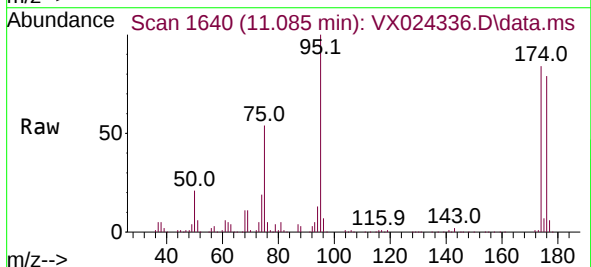
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210914

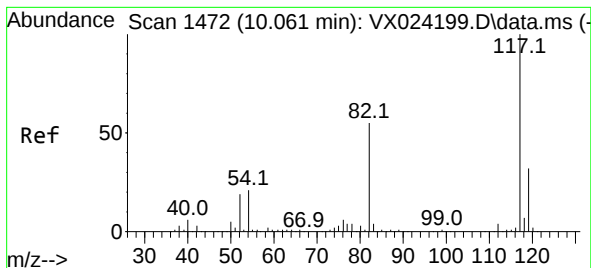
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 166.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.338 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 95 Resp: 84826
Ion Ratio Lower Upper
95 100
174 83.4 0.0 154.6
176 78.9 0.0 155.8

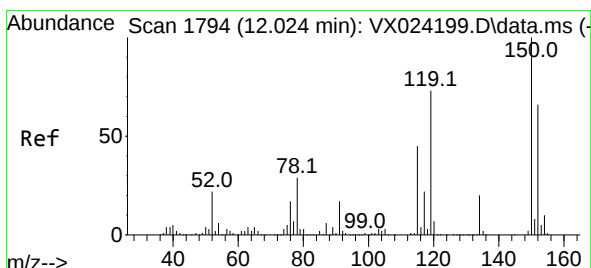
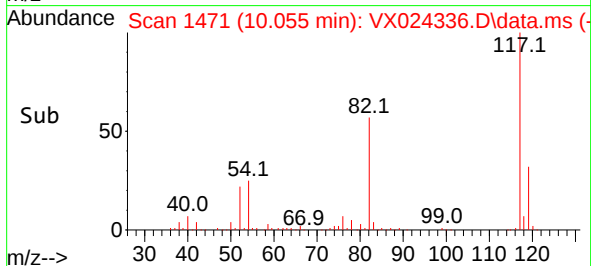
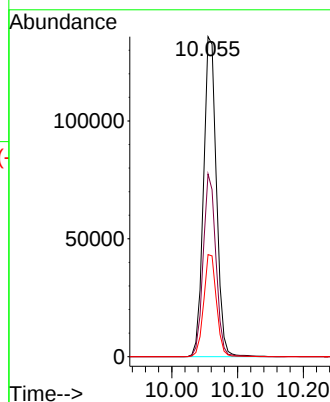
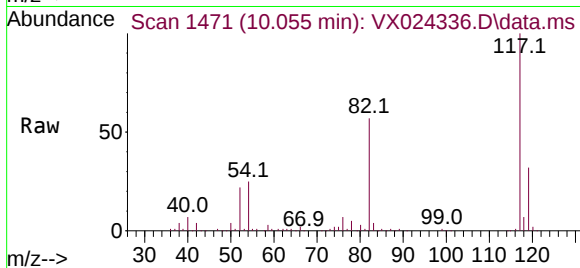




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

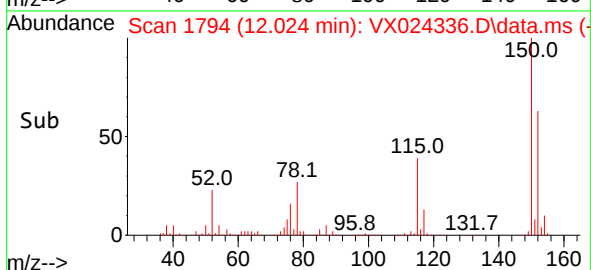
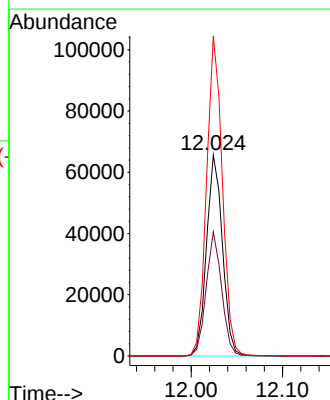
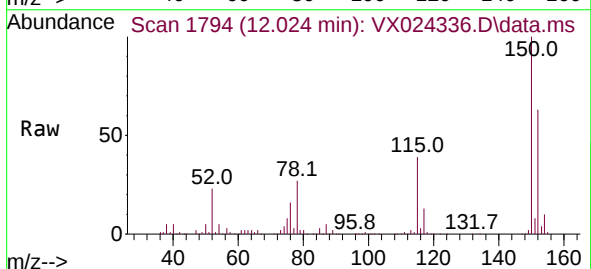
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210914

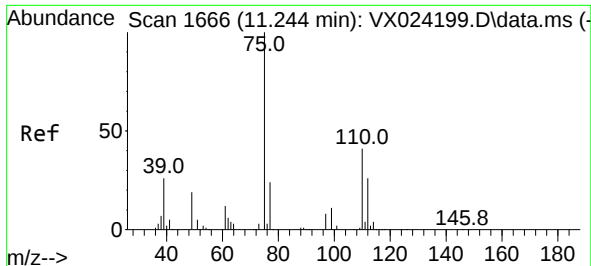
Tgt Ion:117 Resp: 185160
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion:152 Resp: 79377
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 157.7 0.0 349.0

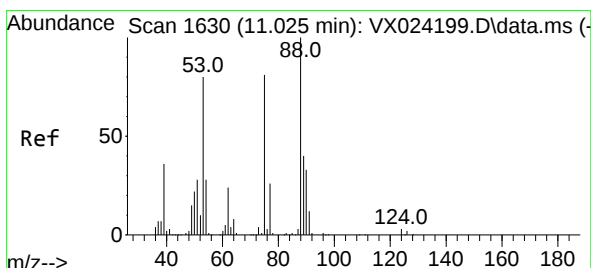
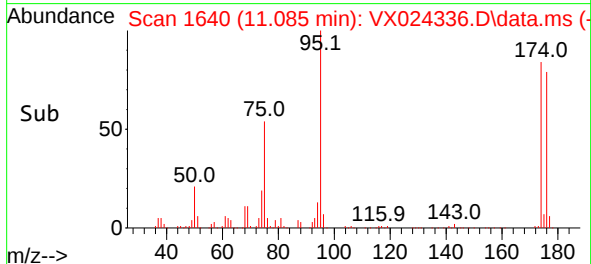
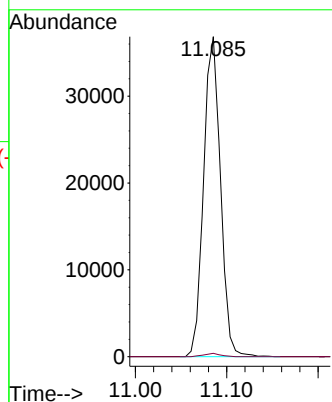
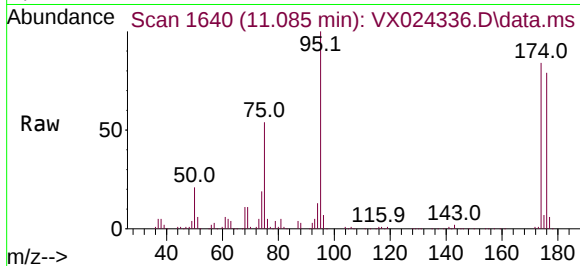




#76
1,2,3-Trichloropropane
Concen: 25.839 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210914

Tgt Ion: 75 Resp: 47161
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.992 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024336.D
Acq: 18 Sep 2021 02:57

Tgt Ion: 75 Resp: 47161
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

