

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024393.D
 Acq On : 21 Sep 2021 17:59
 Operator : JC/MD
 Sample : M3835-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 04:52:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

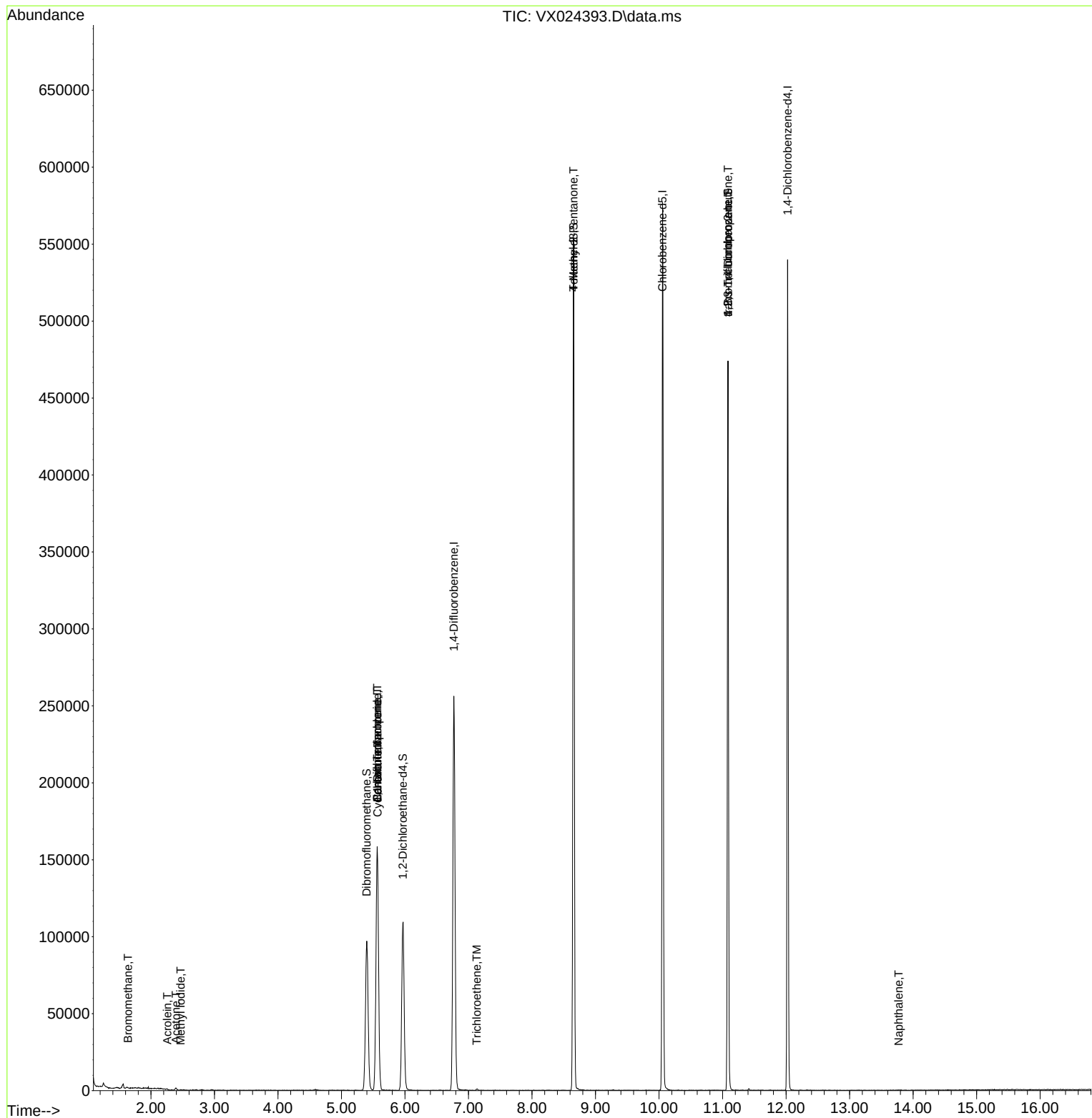
Internal Standards						
1) Pentafluorobenzene	5.562	168	145989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112533	54.057	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.120%		
35) Dibromofluoromethane	5.397	113	82980	48.108	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.220%		
50) Toluene-d8	8.653	98	322604	51.341	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.680%		
62) 4-Bromofluorobenzene	11.085	95	123271	50.410	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.820%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	402	0.463	ug/l #	47
10) Methyl Iodide	2.465	142	438	0.220	ug/l #	84
11) Tert butyl alcohol	2.959	59	191	Below Cal	#	73
13) Acrolein	2.258	56	38	0.277	ug/l #	14
16) Acetone	2.392	43	1430	1.611	ug/l	89
31) Cyclohexane	5.568	56	2947	1.210	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11794	4.988	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15320	5.756	ug/l #	16
44) Trichloroethene	7.129	130	433	0.227	ug/l	54
51) 4-Methyl-2-Pentanone	8.653	43	1600	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	63146	25.413	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	63146	74.741	ug/l #	12
95) Naphthalene	13.774	128	119	1.302	ug/l #	69

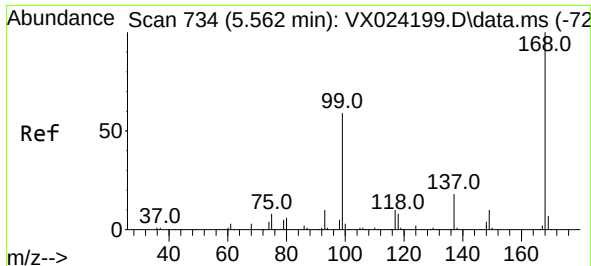
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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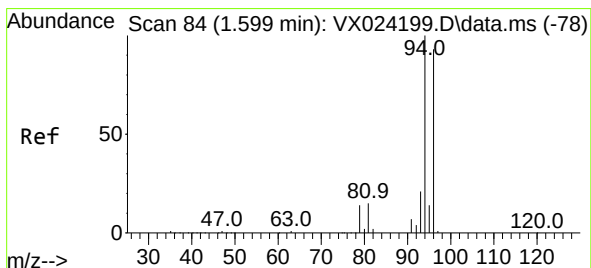
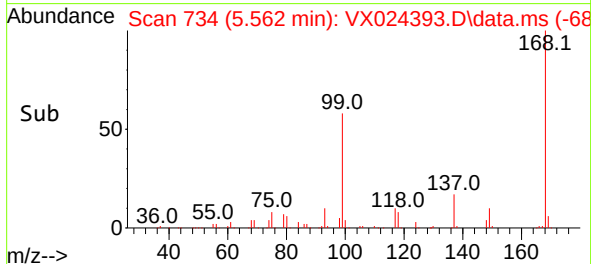
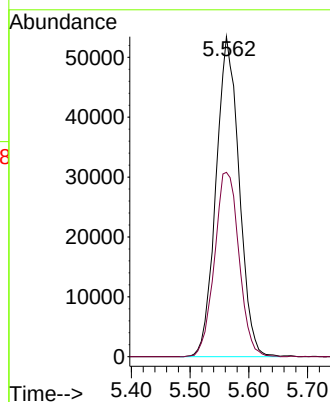
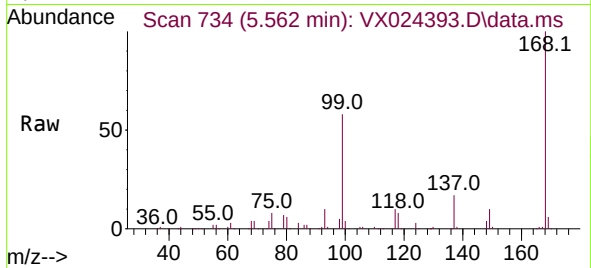




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

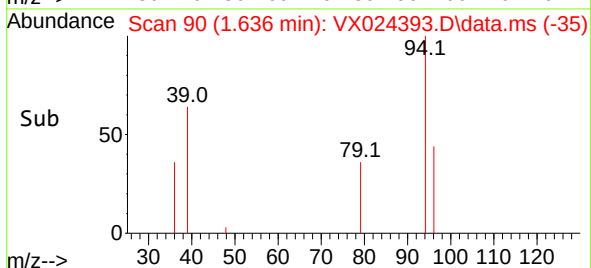
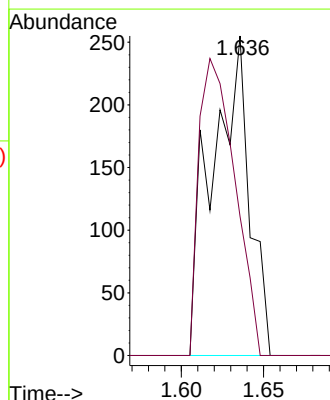
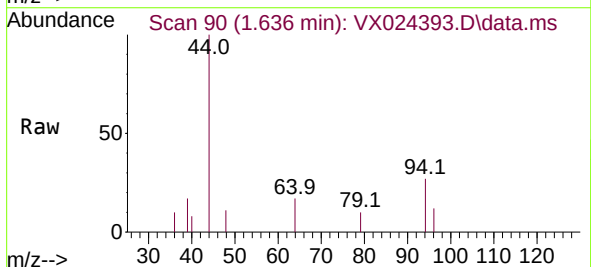
Instrument :
MSVOA_N
ClientSampled :

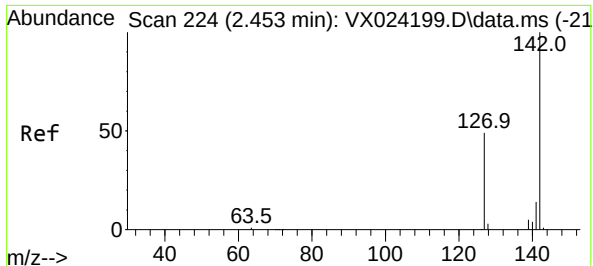
Tgt Ion:168 Resp: 145989
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: 0.463 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 43.5 76.4 114.6#





#10

Methyl Iodide

Concen: 0.220 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.012 min

Lab File: VX024393.D

Acq: 21 Sep 2021 17:59

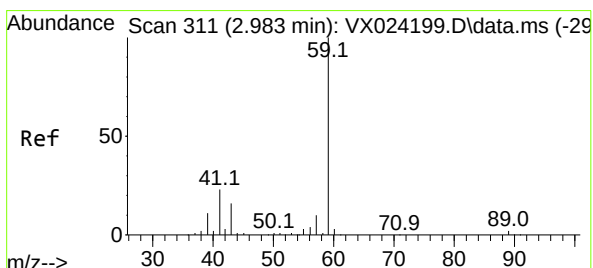
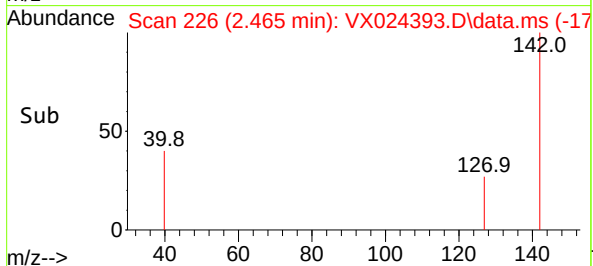
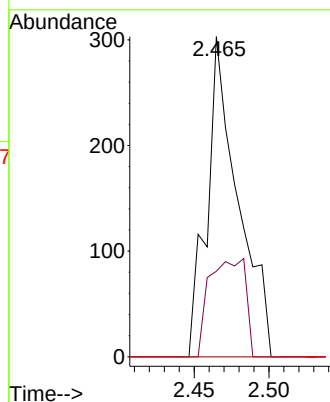
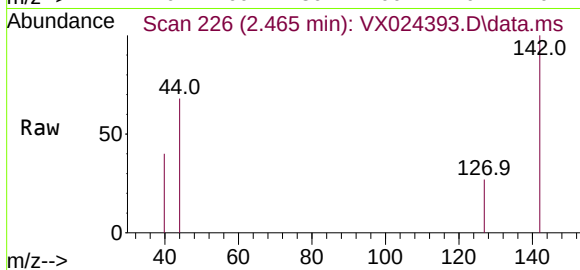
Tgt Ion:142 Resp: 438

Ion Ratio Lower Upper

142 100

127 35.4 33.3 49.9

141 0.0 11.4 17.0#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. -0.024 min

Lab File: VX024393.D

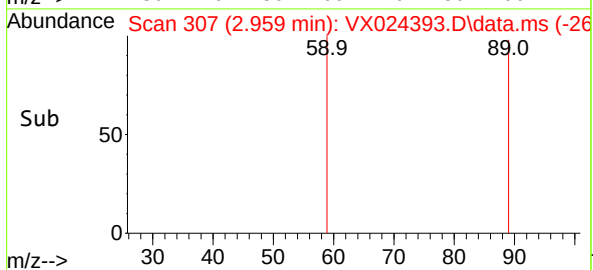
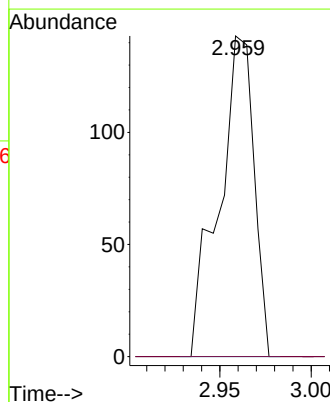
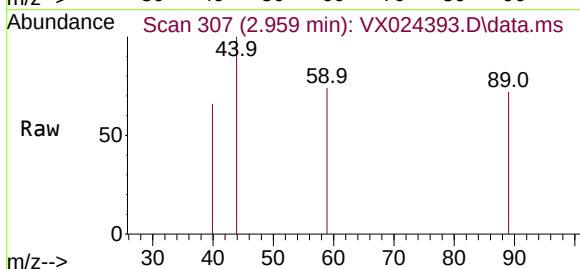
Acq: 21 Sep 2021 17:59

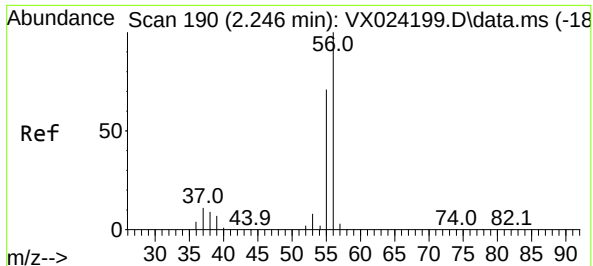
Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

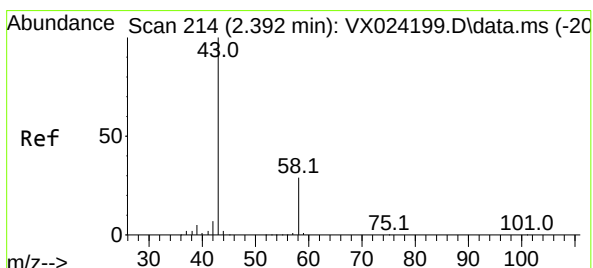
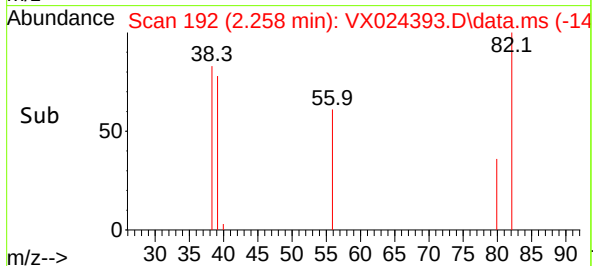
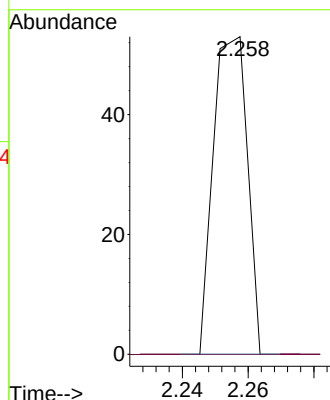
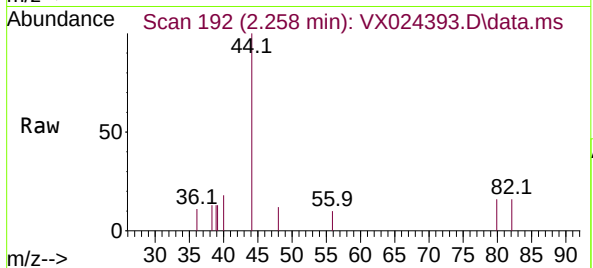




#13
Acrolein
Concen: 0.277 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.012 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

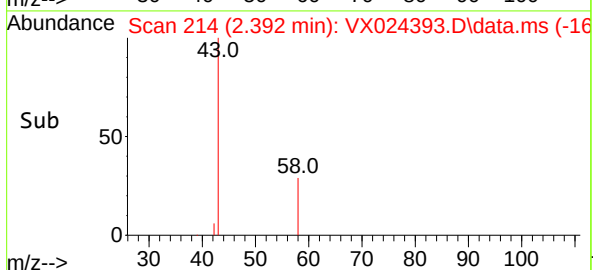
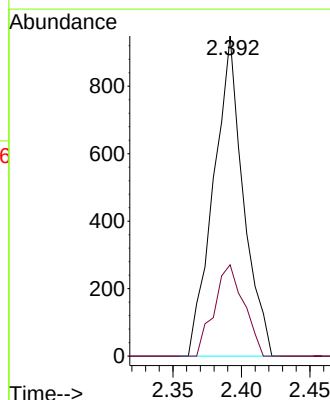
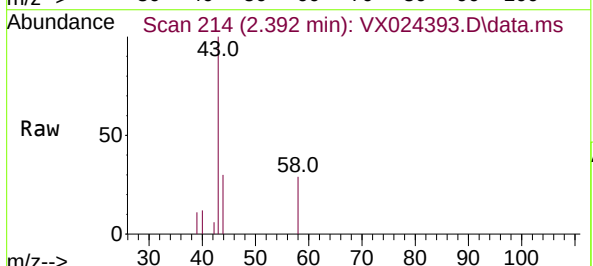
Instrument :
MSVOA_N
ClientSampled :

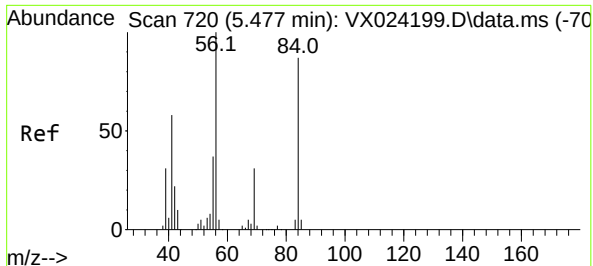
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.611 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

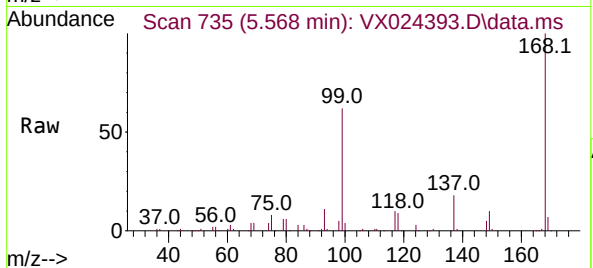
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



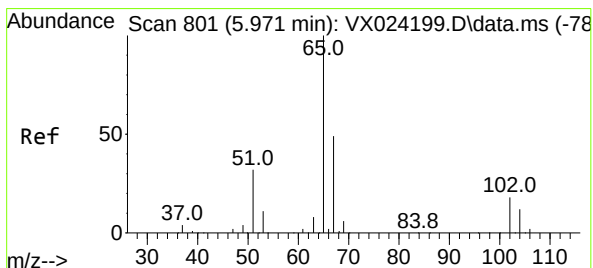
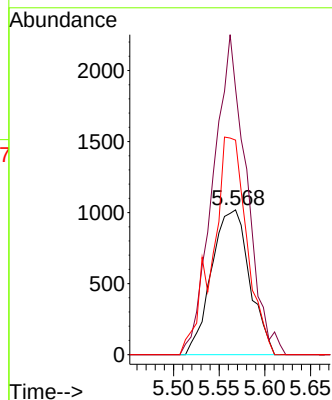
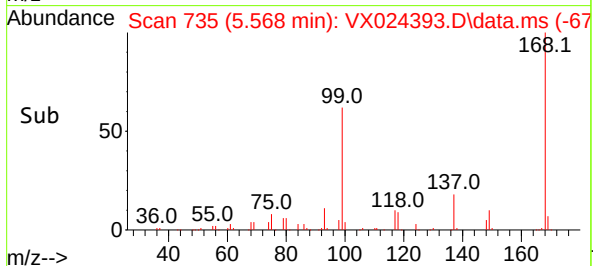


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

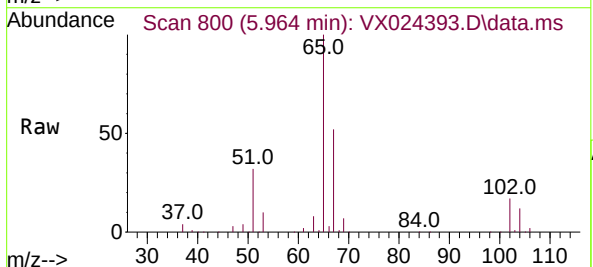
Instrument :
MSVOA_N
ClientSampled :



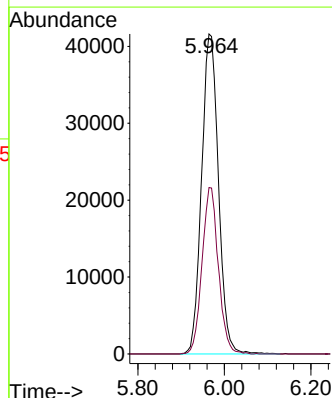
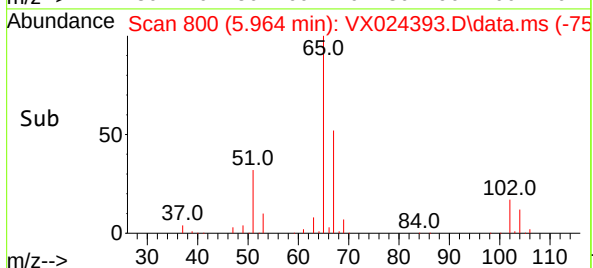
Tgt Ion: 56 Resp: 2947
Ion Ratio Lower Upper
56 100
69 183.6 25.3 37.9#
84 148.2 71.4 107.0#

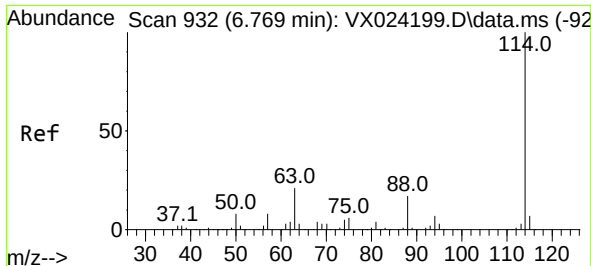


#33
1,2-Dichloroethane-d4
Concen: 54.057 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59



Tgt Ion: 65 Resp: 112533
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

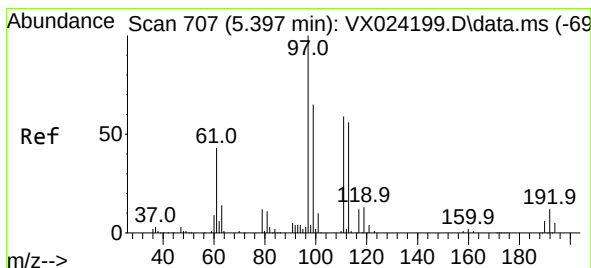
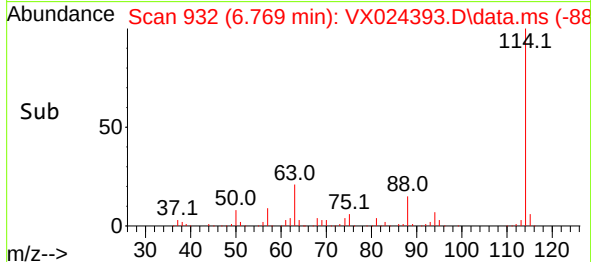
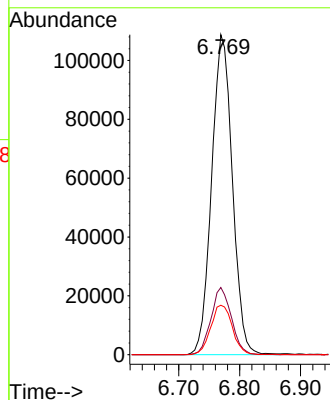
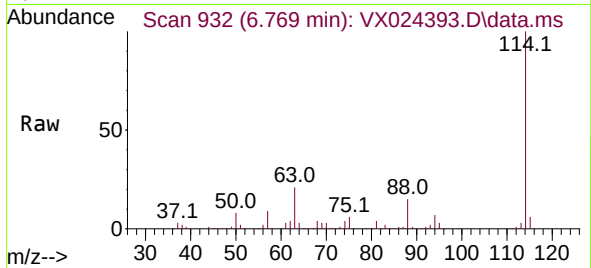




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

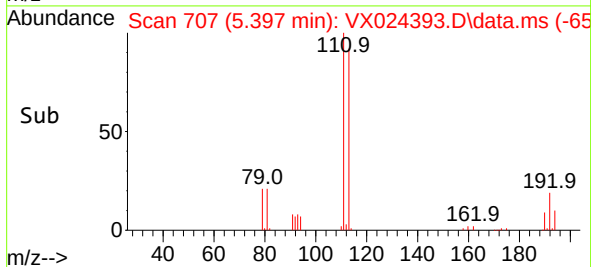
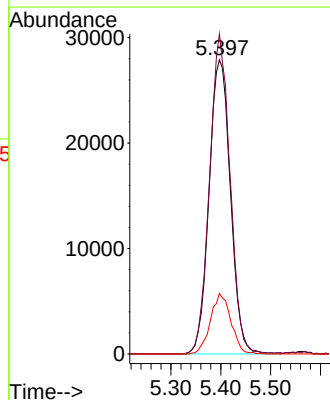
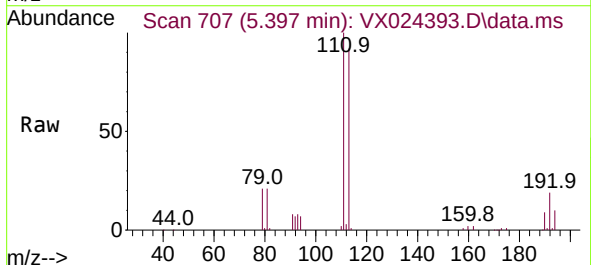
Instrument :
MSVOA_N
ClientSampled :

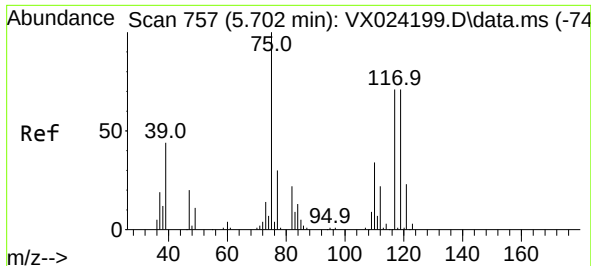
Tgt Ion:114 Resp: 257194
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.108 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

Tgt Ion:113 Resp: 82980
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 19.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 5.562 min Scan# 734

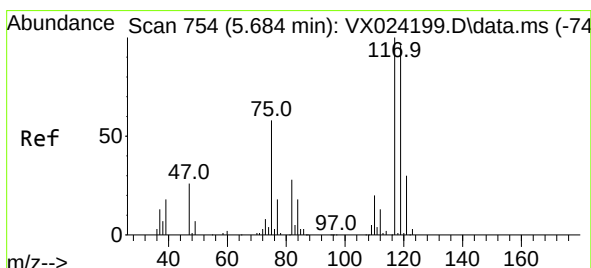
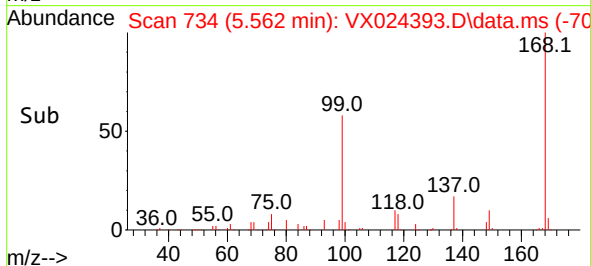
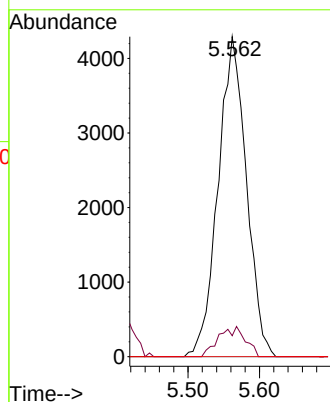
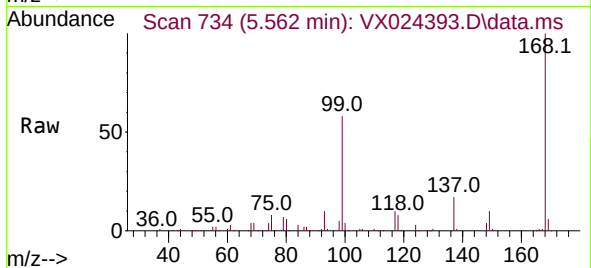
Delta R.T. -0.140 min

Lab File: VX024393.D

Acq: 21 Sep 2021 17:59

Tgt Ion: 75	Resp: 11794
Ion Ratio	Lower Upper
75 100	
110 8.9	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.756 ug/l

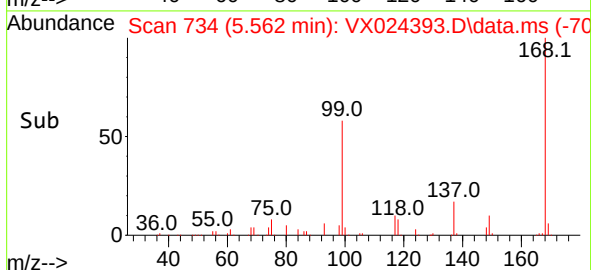
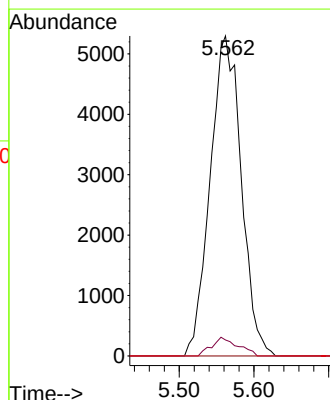
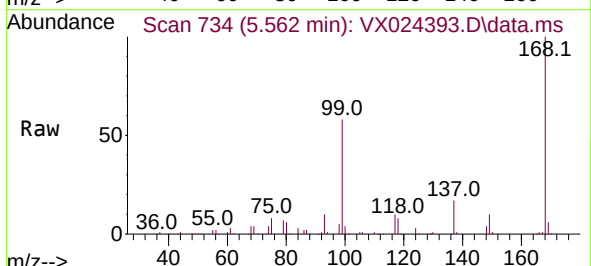
RT: 5.562 min Scan# 734

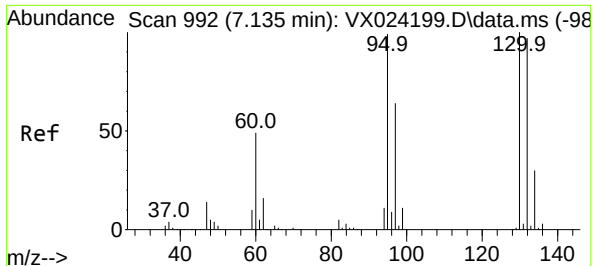
Delta R.T. -0.122 min

Lab File: VX024393.D

Acq: 21 Sep 2021 17:59

Tgt Ion: 117	Resp: 15320
Ion Ratio	Lower Upper
117 100	
119 5.0	76.2 114.2#
121 0.0	24.8 37.2#

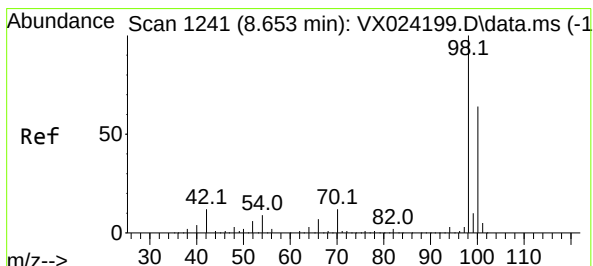
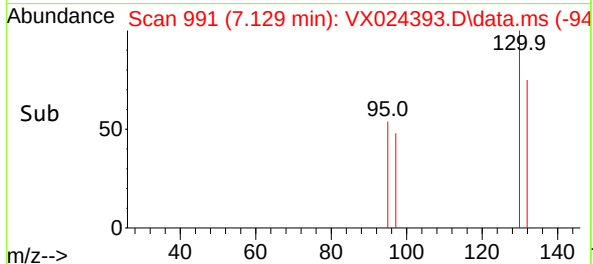
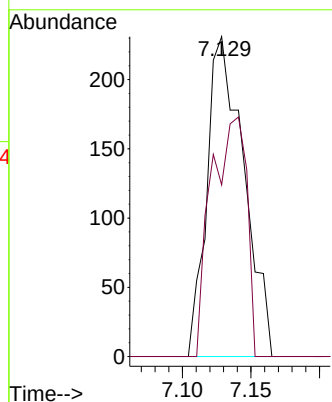
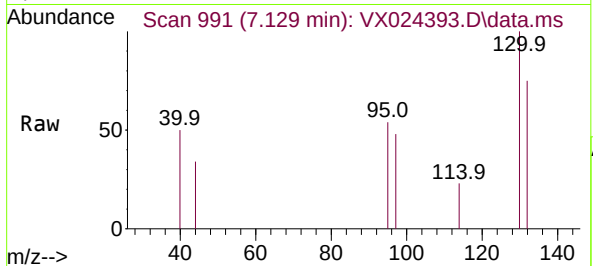




#44
Trichloroethene
Concen: 0.227 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

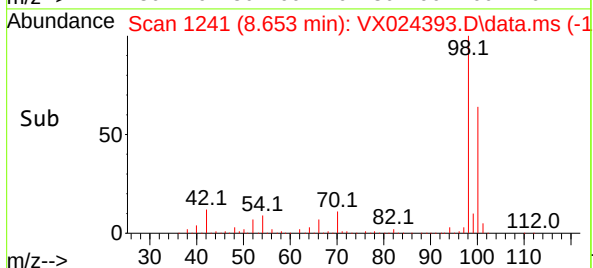
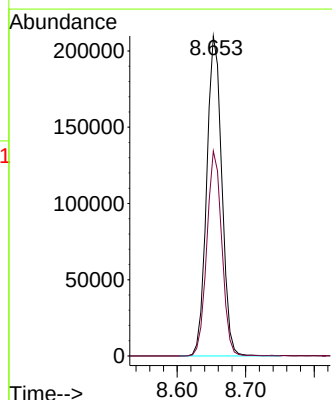
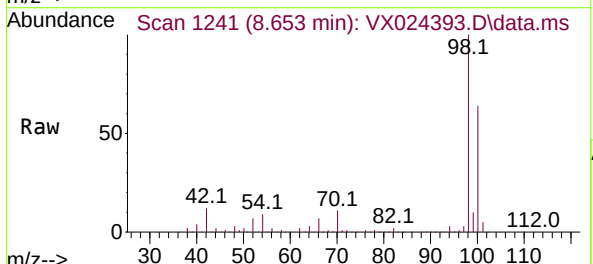
Instrument :
MSVOA_N
ClientSampled :

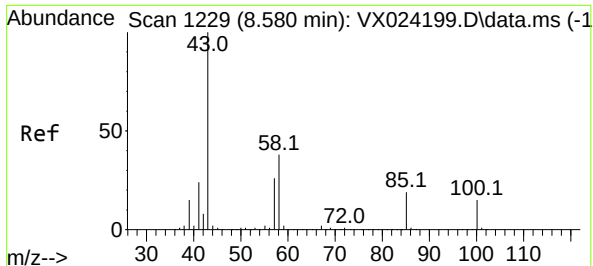
Tgt Ion:130 Resp: 433
Ion Ratio Lower Upper
130 100
95 53.7 0.0 198.0



#50
Toluene-d8
Concen: 51.341 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

Tgt Ion: 98 Resp: 322604
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

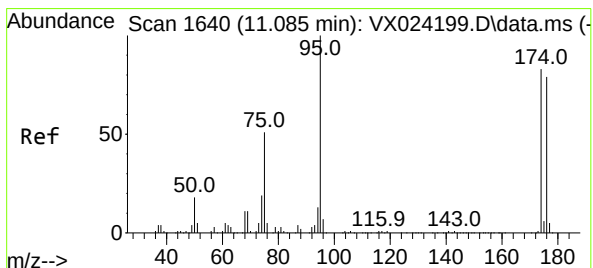
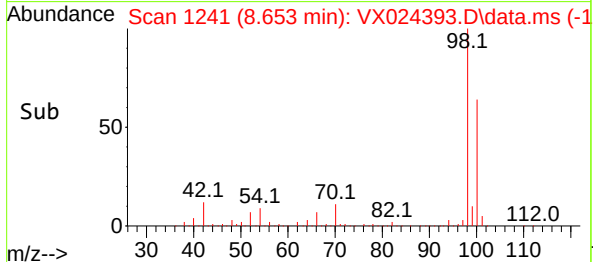
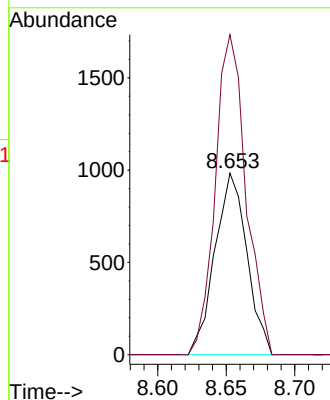
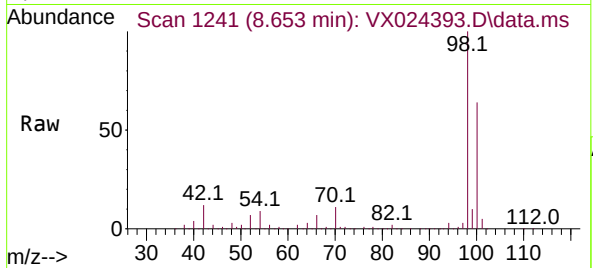




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

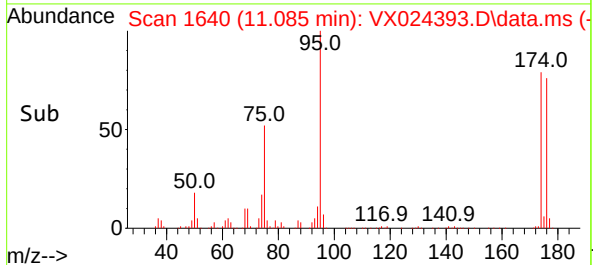
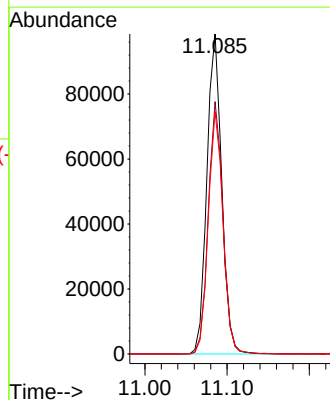
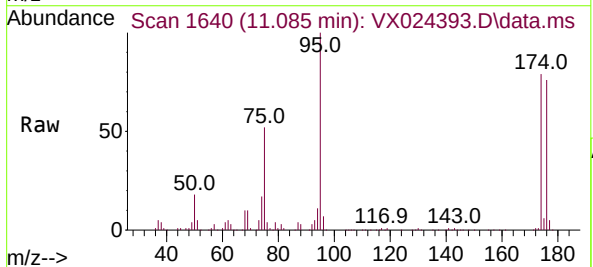
Instrument :
MSVOA_N
ClientSampled :

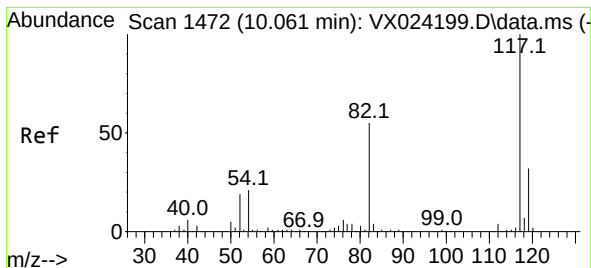
Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 169.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 50.410 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

Tgt Ion: 95 Resp: 123271
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 75.2 0.0 155.8

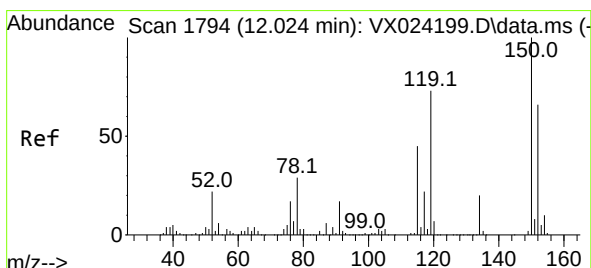
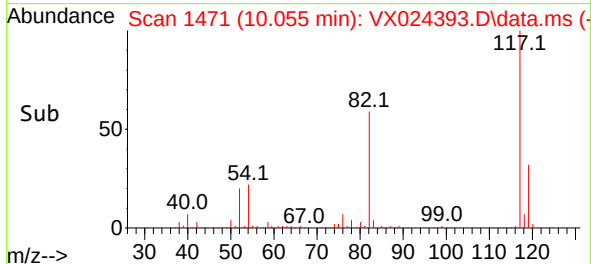
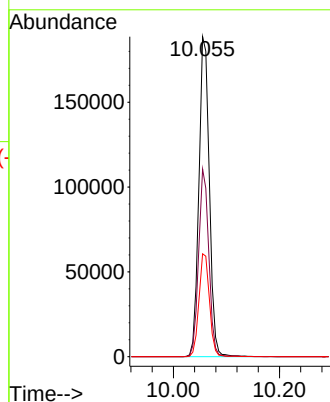
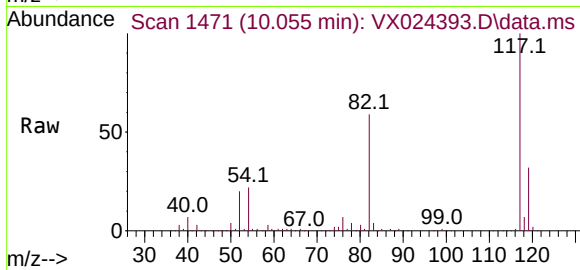




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

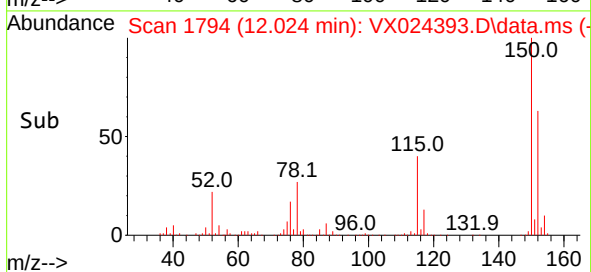
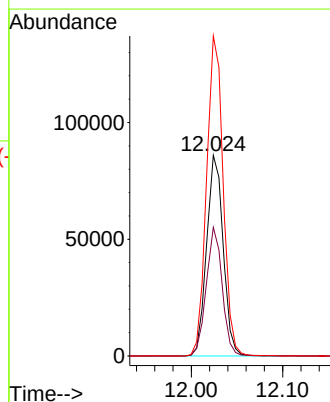
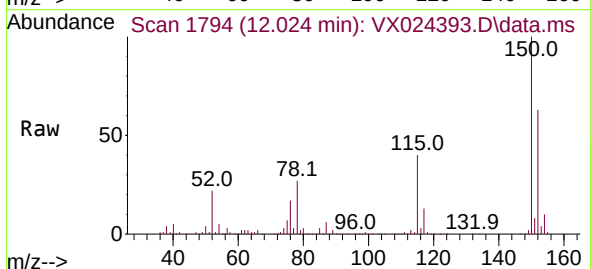
Instrument :
MSVOA_N
ClientSampled :

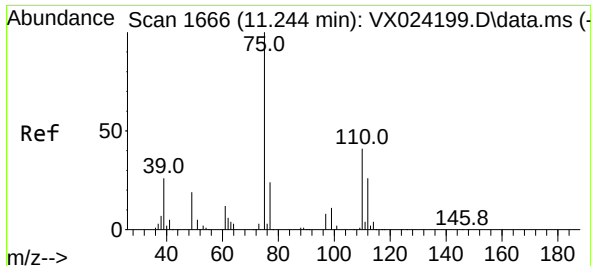
Tgt Ion:117 Resp: 259074
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

Tgt Ion:152 Resp: 108061
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 158.9 0.0 349.0

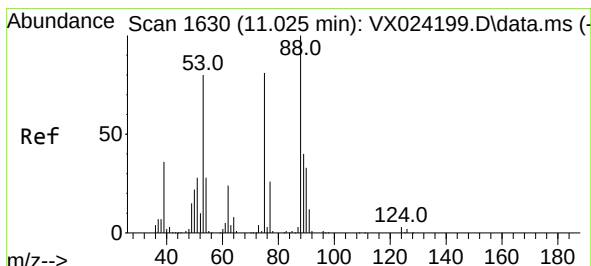
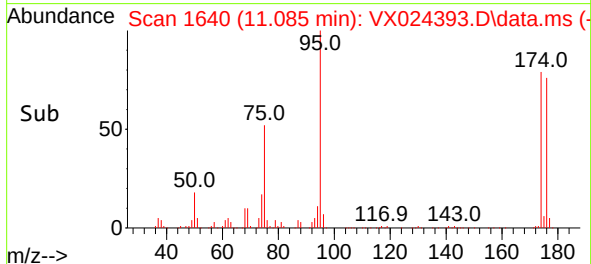
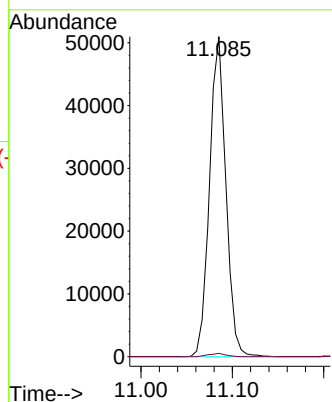
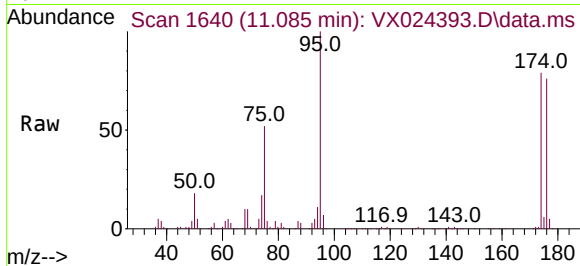




#76
1,2,3-Trichloropropane
Concen: 25.413 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

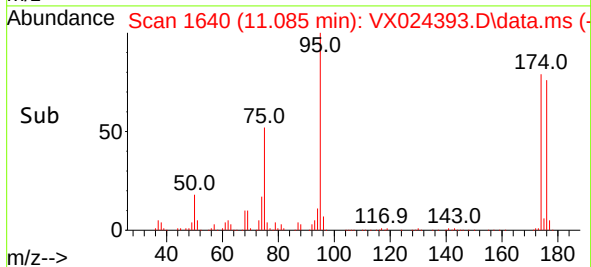
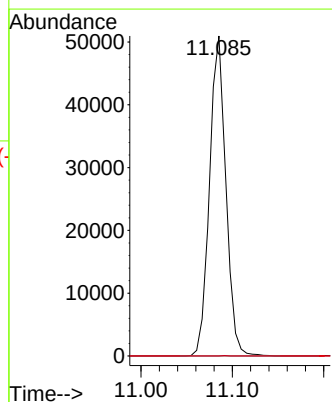
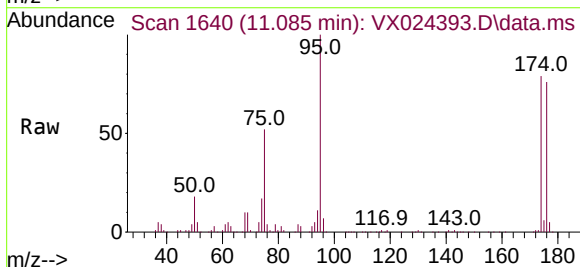
Instrument :
MSVOA_N
ClientSampled :

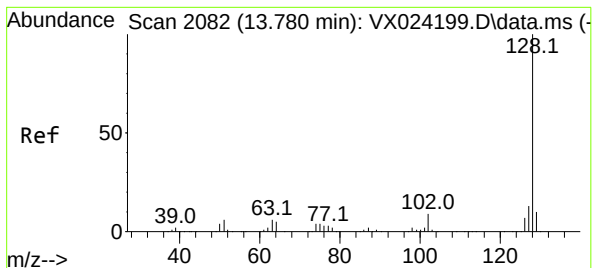
Tgt Ion: 75 Resp: 63146
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.741 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

Tgt Ion: 75 Resp: 63146
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024393.D
Acq: 21 Sep 2021 17:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 119
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

