

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030795.D
 Acq On : 26 Aug 2022 01:26
 Operator : JC/MD
 Sample : N4245-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20220816

Quant Time: Aug 26 02:44:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

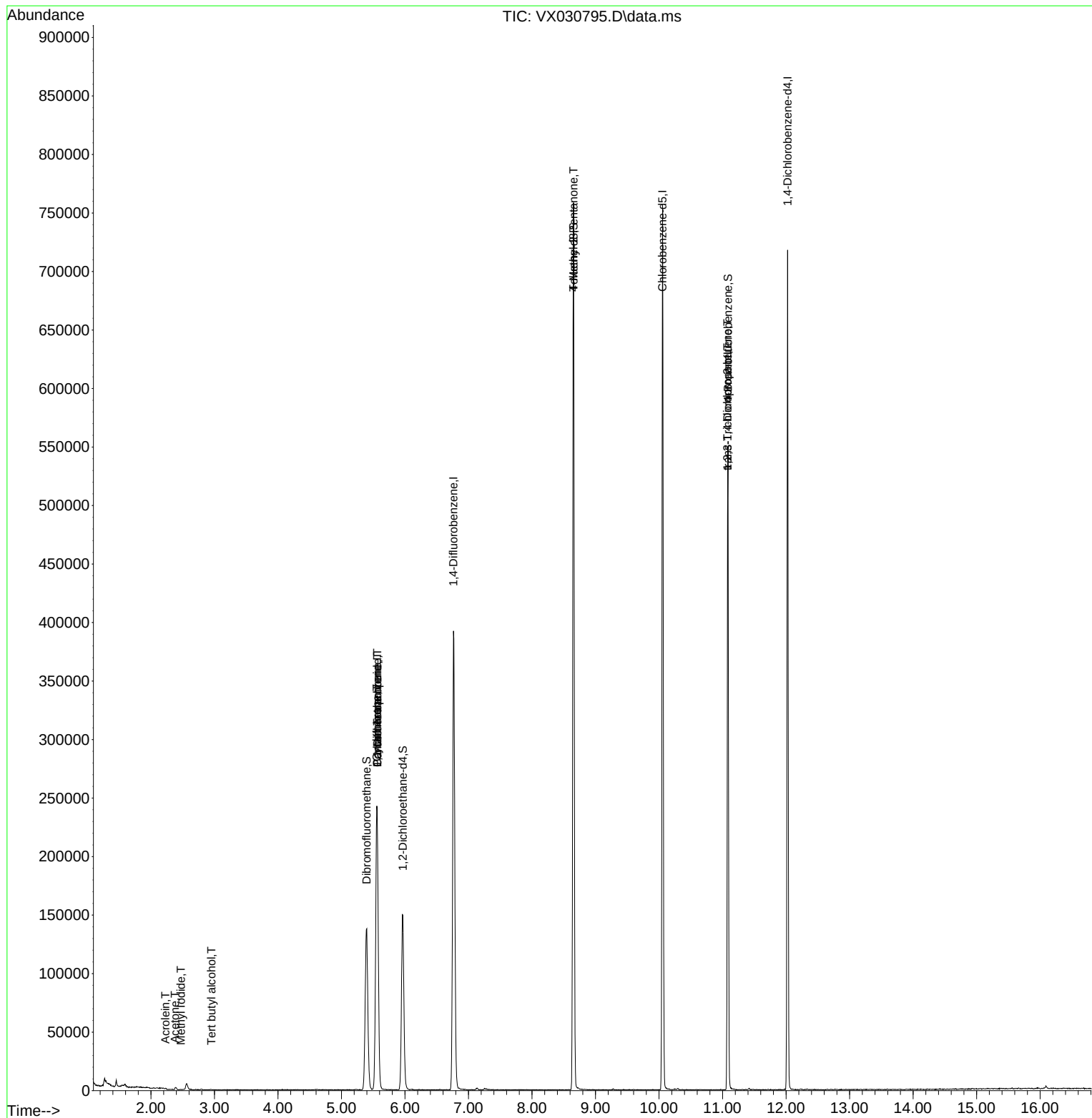
Internal Standards						
1) Pentafluorobenzene	5.562	168	233434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	400698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140501	51.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	5.397	113	122578	49.775	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	8.653	98	453000	52.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.580%			
62) 4-Bromofluorobenzene	11.085	95	151510	47.423	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.840%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	350	Below Cal		89
4) Vinyl Chloride	1.483	62	20	Below Cal	#	1
6) Chloroethane	1.684	64	198	Below Cal	#	41
10) Methyl Iodide	2.471	142	134	4.095	ug/l #	83
11) Tert butyl alcohol	2.952	59	150	0.252	ug/l #	74
13) Acrolein	2.227	56	22	10.092	ug/l #	14
16) Acetone	2.379	43	2112	1.664	ug/l #	80
17) Carbon Disulfide	2.520	76	546	Below Cal	#	74
20) Methylene Chloride	2.794	84	233	Below Cal	#	28
31) Cyclohexane	5.556	56	4451	1.268	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17165	5.119	ug/l #	49
38) Carbon Tetrachloride	5.562	117	23627	6.680	ug/l #	19
51) 4-Methyl-2-Pentanone	8.653	43	1715	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	73273	22.868	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	73273	73.783	ug/l #	13

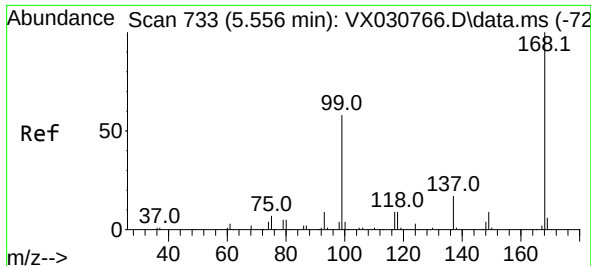
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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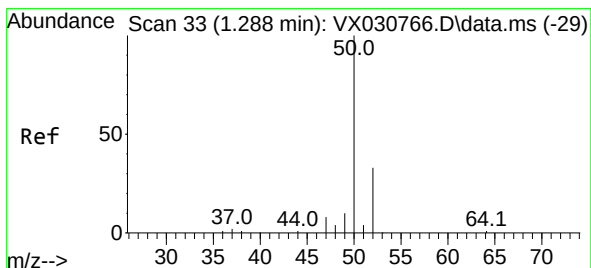
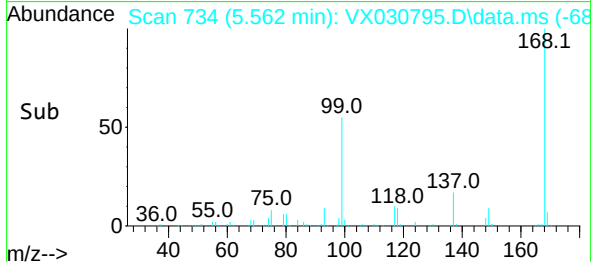
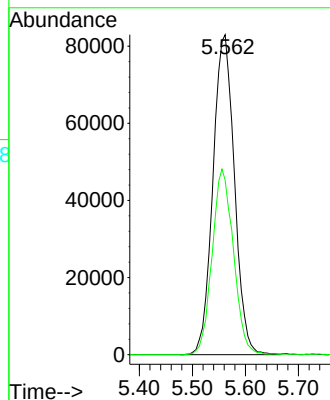
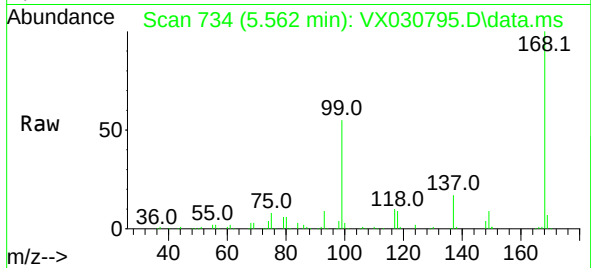




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

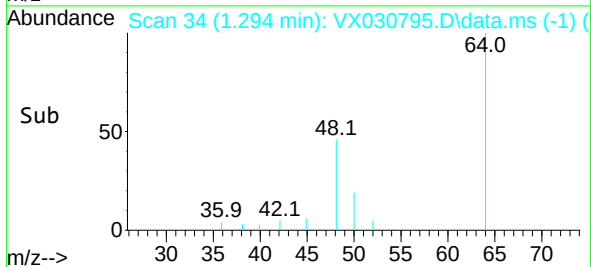
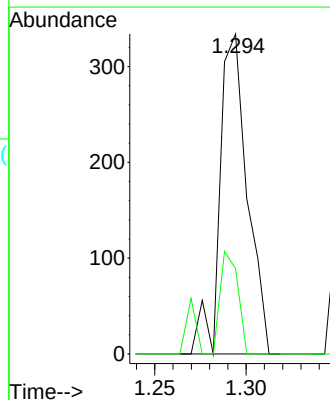
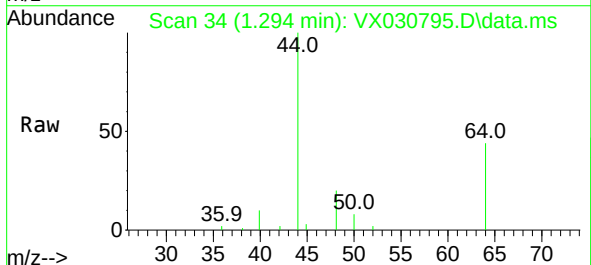
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

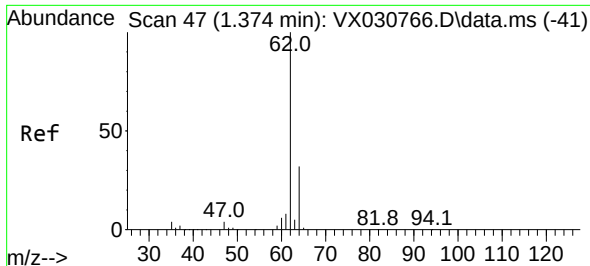
Tgt Ion:168 Resp: 233434
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion: 50 Resp: 350
Ion Ratio Lower Upper
50 100
52 26.6 26.3 39.5

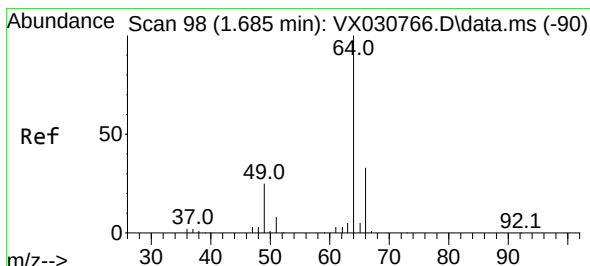
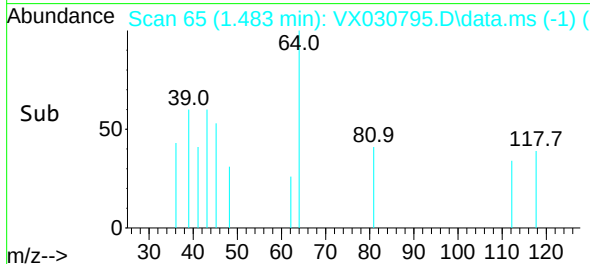
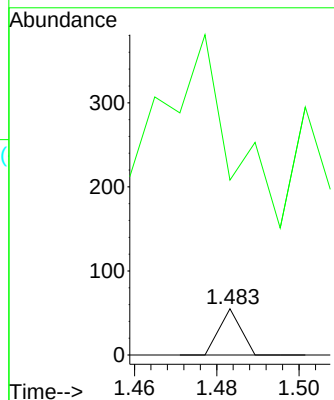
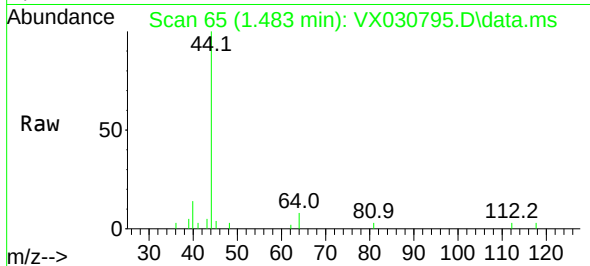




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.483 min Scan# 61
 Delta R.T. 0.109 min
 Lab File: VX030795.D
 Acq: 26 Aug 2022 01:26

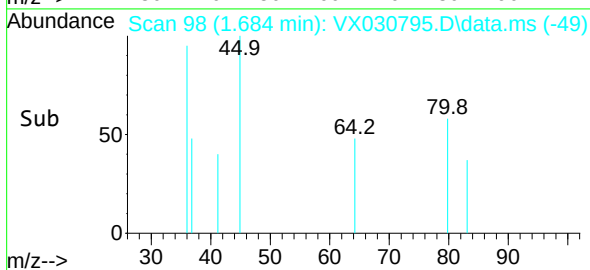
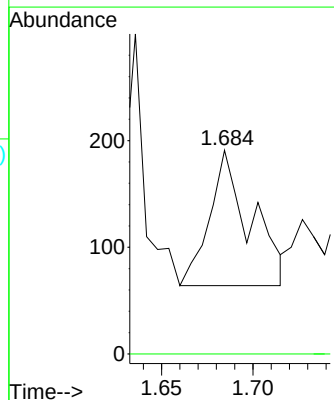
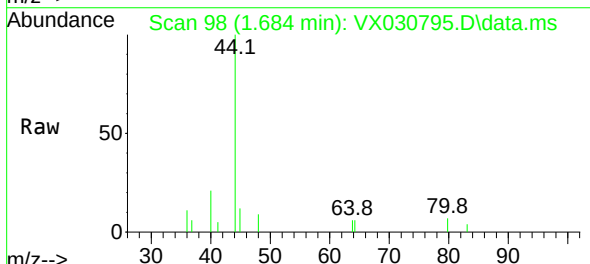
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20220816

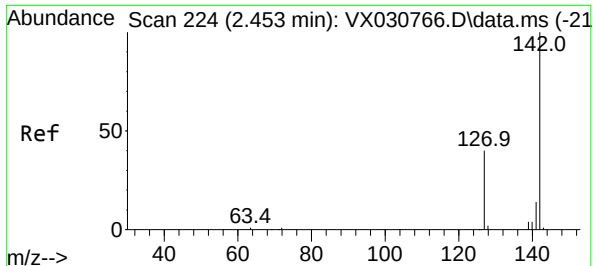
Tgt Ion: 62 Resp: 20
 Ion Ratio Lower Upper
 62 100
 64 103.6 25.2 37.8#



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.684 min Scan# 98
 Delta R.T. -0.001 min
 Lab File: VX030795.D
 Acq: 26 Aug 2022 01:26

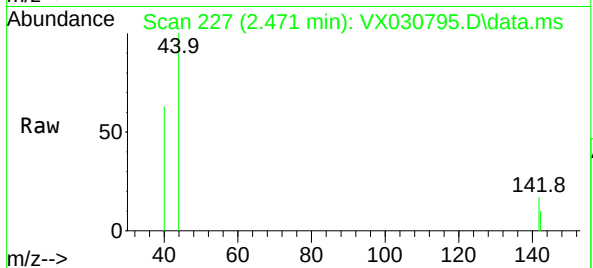
Tgt Ion: 64 Resp: 198
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#



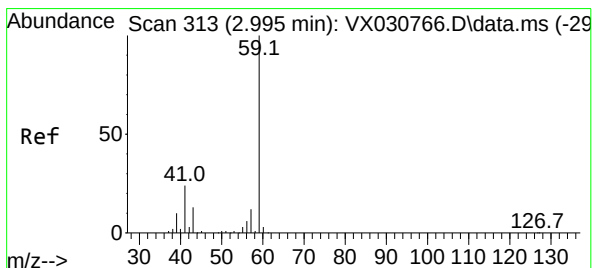
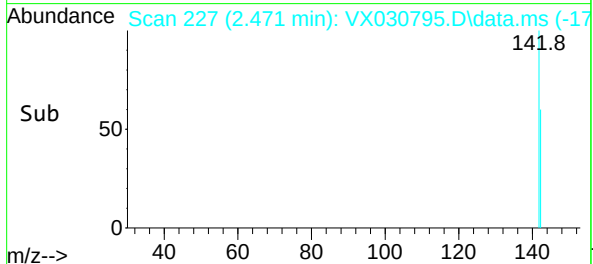
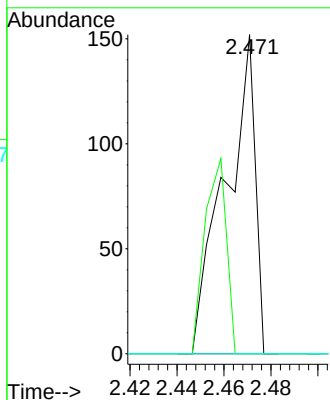


#10
Methyl Iodide
Concen: 4.095 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

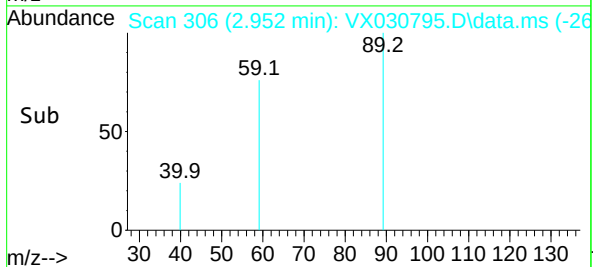
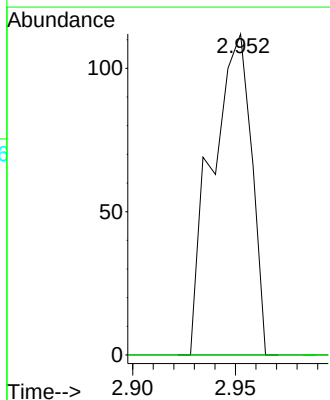
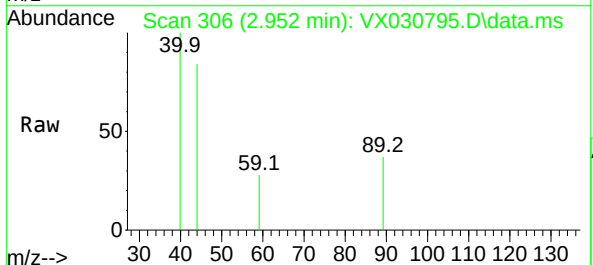


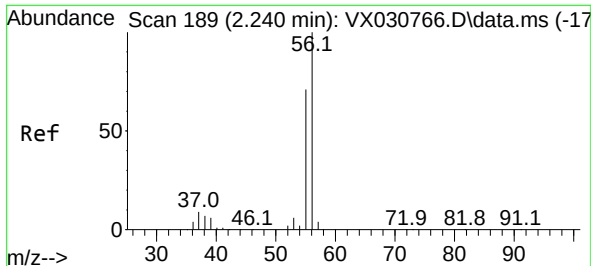
Tgt Ion:142 Resp: 134
Ion Ratio Lower Upper
142 100
127 44.0 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.252 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

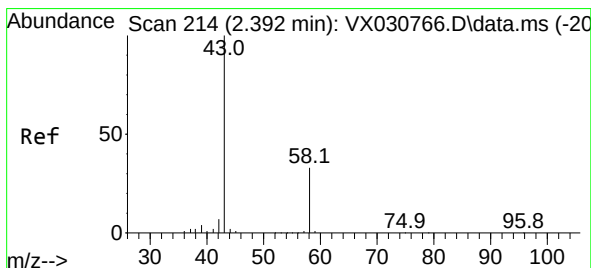
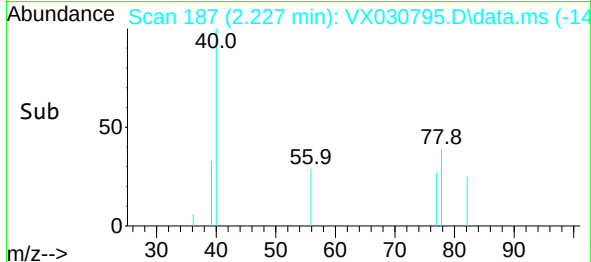
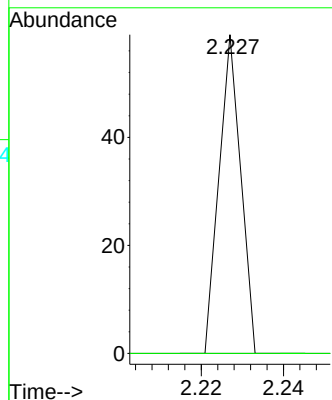
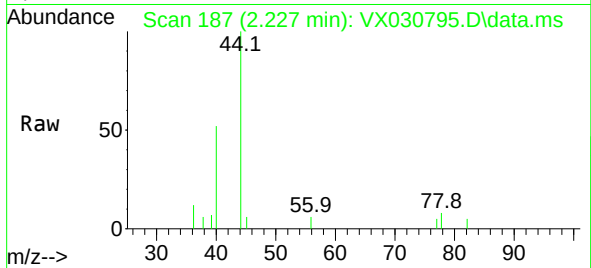




#13
Acrolein
Concen: 10.092 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.013 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

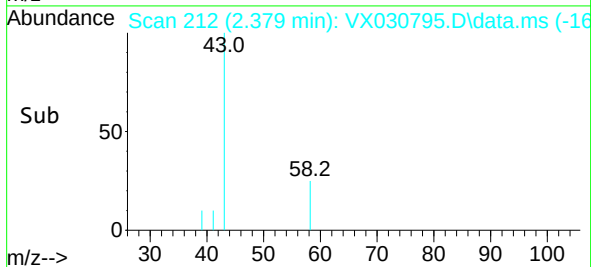
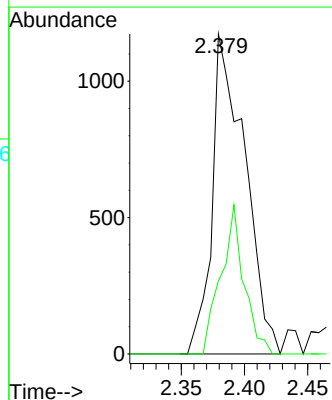
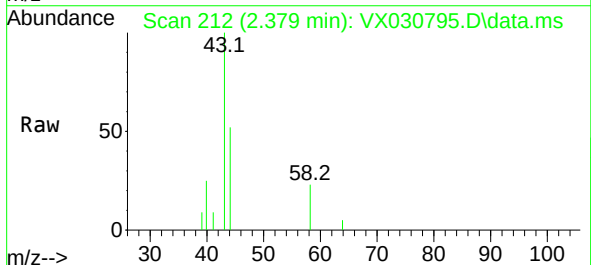
Instrument :
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ClientSampleId :
RE117D2-20220816

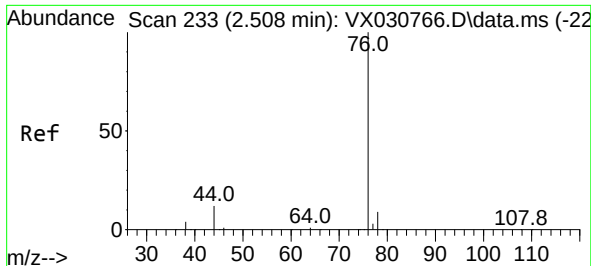
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.664 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion: 43 Resp: 2112
Ion Ratio Lower Upper
43 100
58 22.8 27.7 41.5#

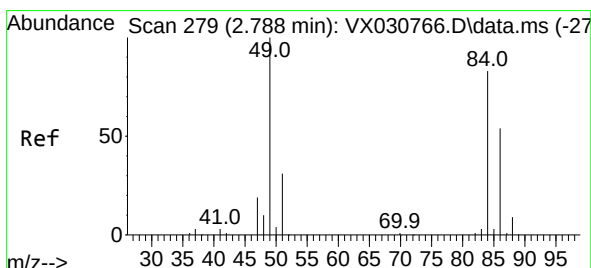
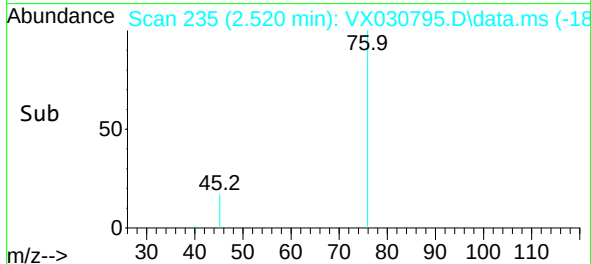
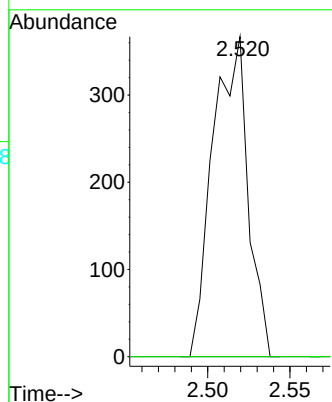
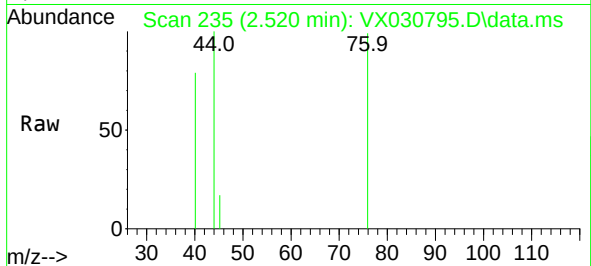




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

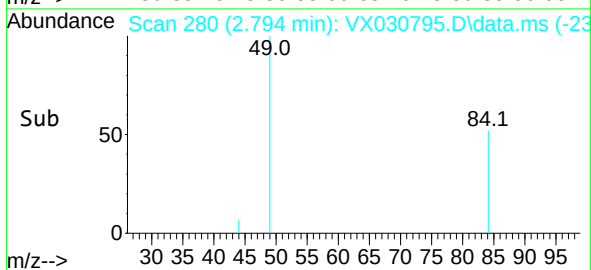
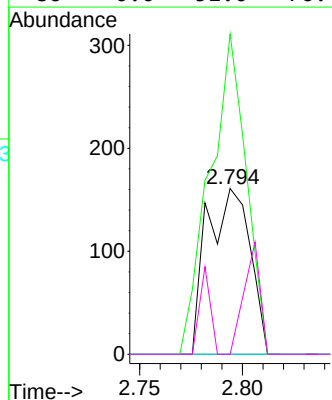
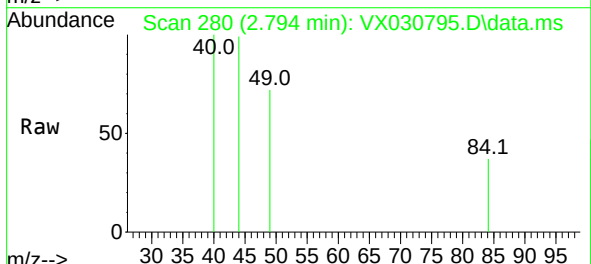
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

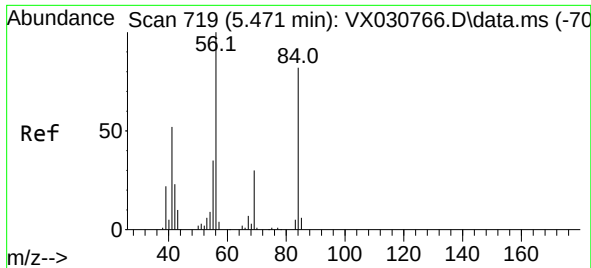
Tgt Ion: 76 Resp: 546
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

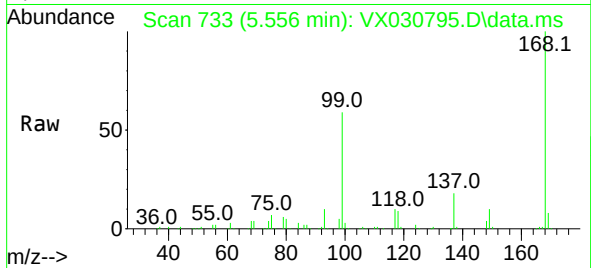
Tgt Ion: 84 Resp: 233
Ion Ratio Lower Upper
84 100
49 193.2 93.8 140.6#
51 0.0 29.4 44.0#
86 0.0 51.0 76.4#



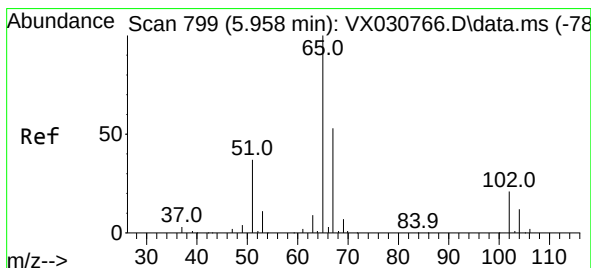
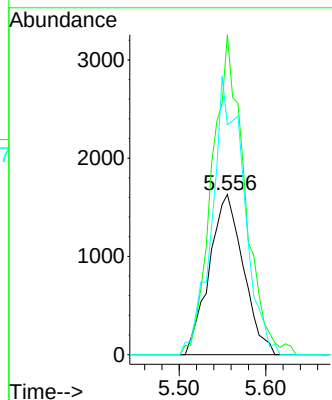
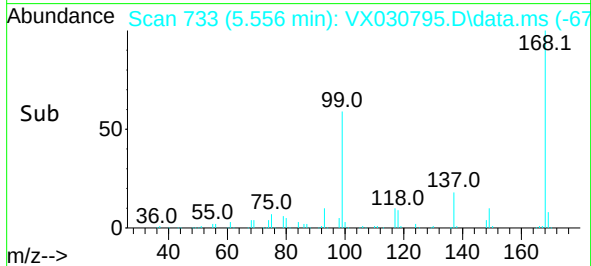


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

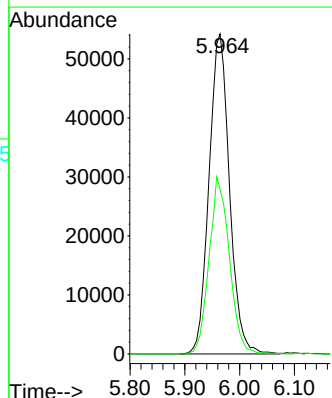
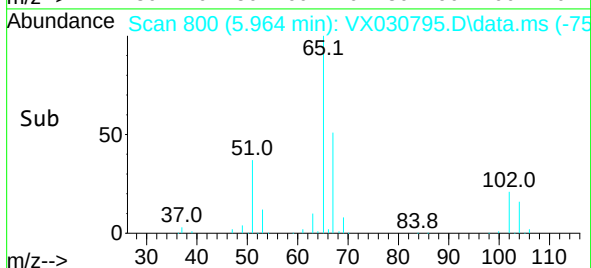
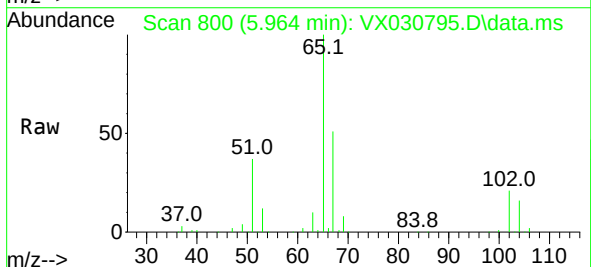


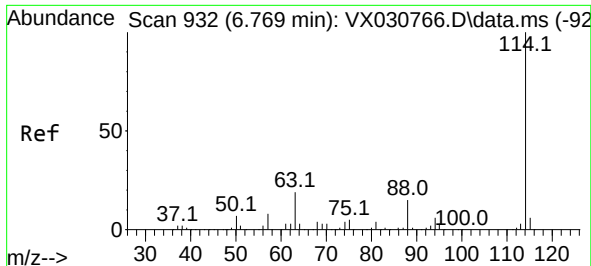
Tgt Ion: 56 Resp: 4451
Ion Ratio Lower Upper
56 100
69 199.8 25.4 38.0#
84 143.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.169 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion: 65 Resp: 140501
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

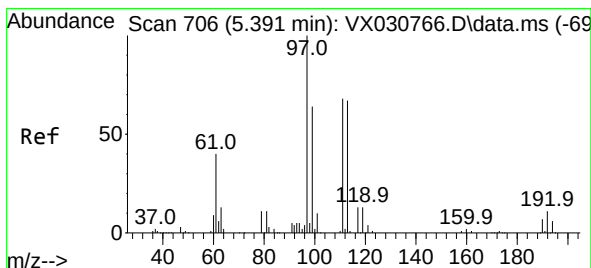
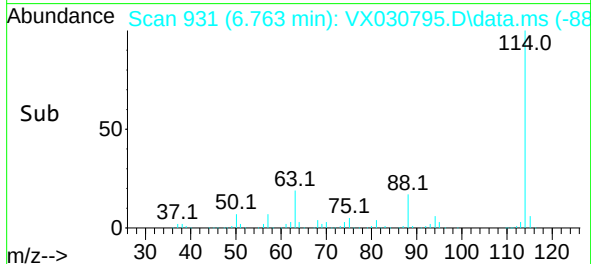
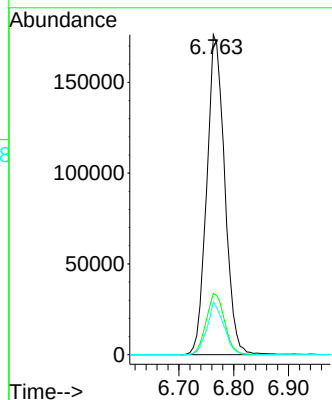
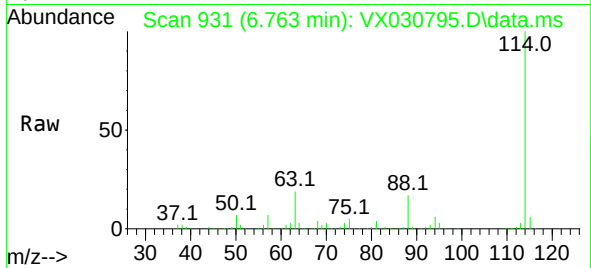




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

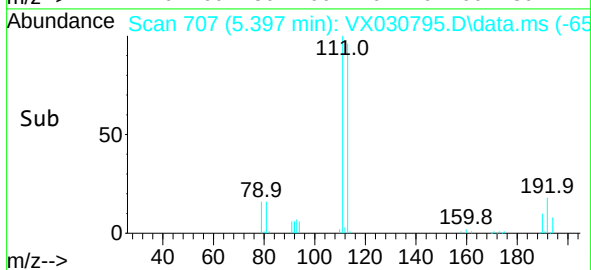
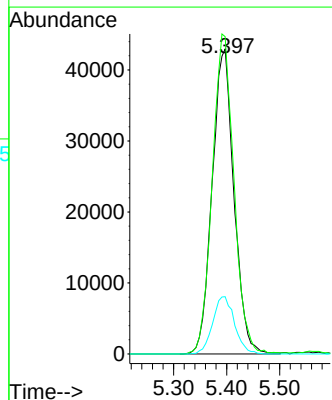
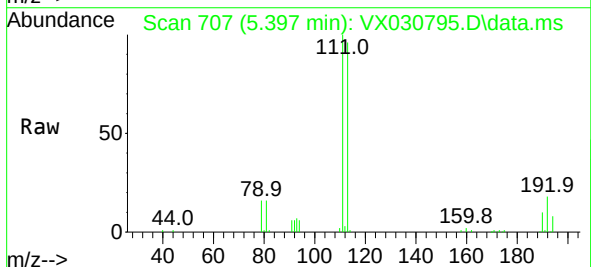
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

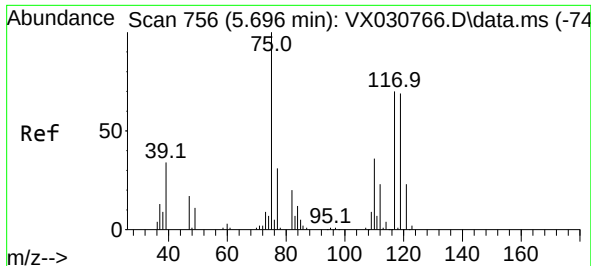
Tgt Ion:114 Resp: 400698
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.775 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion:113 Resp: 122578
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 18.8 14.8 22.2

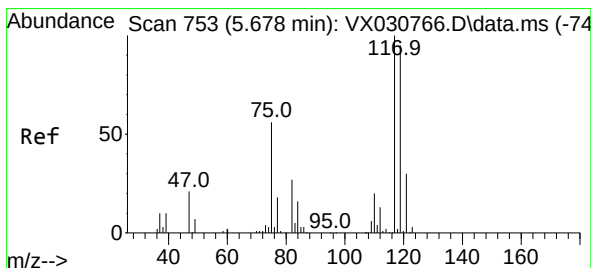
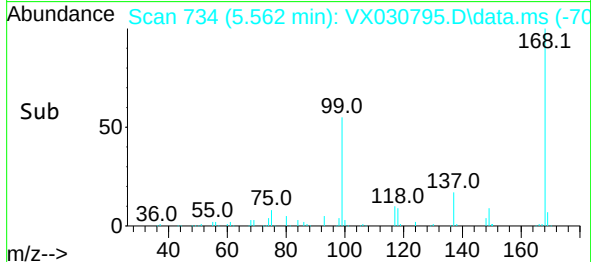
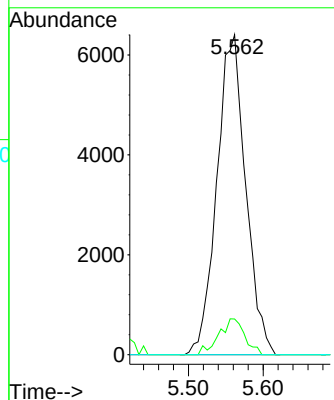
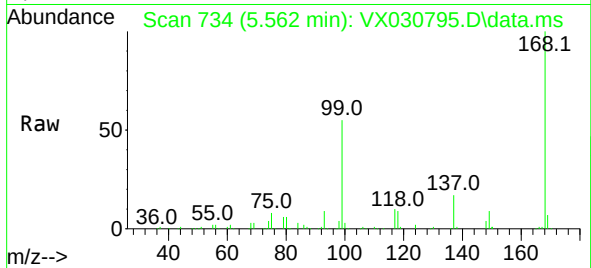




#36
1,1-Dichloropropene
Concen: 5.119 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

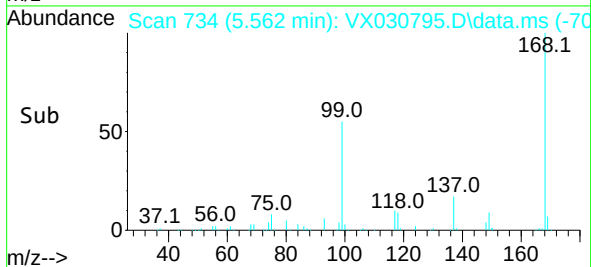
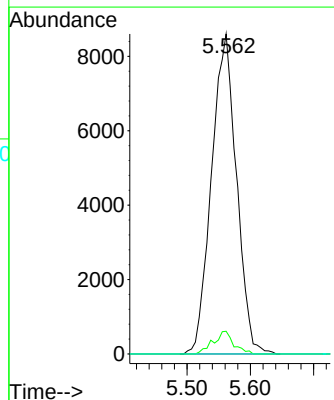
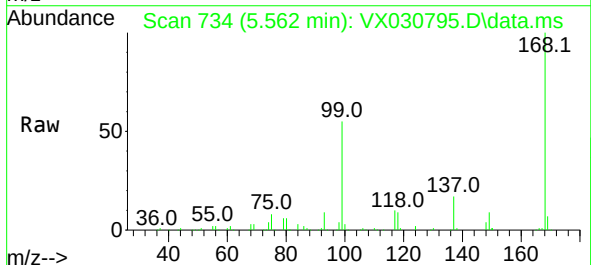
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

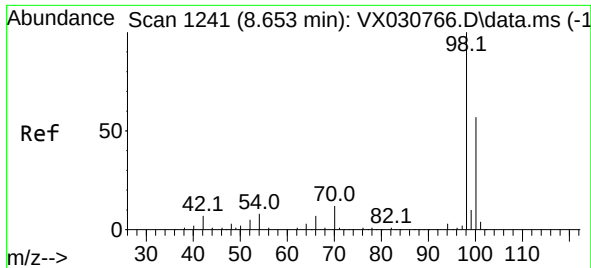
Tgt Ion: 75 Resp: 17165
Ion Ratio Lower Upper
75 100
110 10.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.680 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion: 117 Resp: 23627
Ion Ratio Lower Upper
117 100
119 7.1 74.1 111.1#
121 0.0 25.8 38.8#

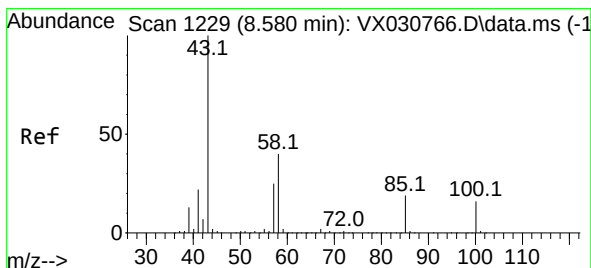
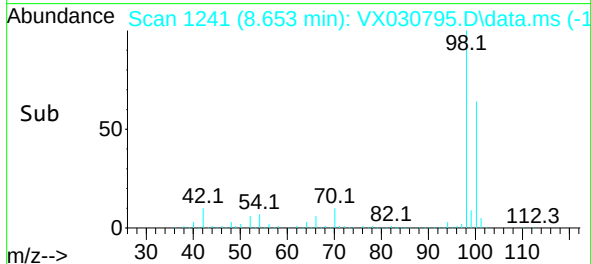
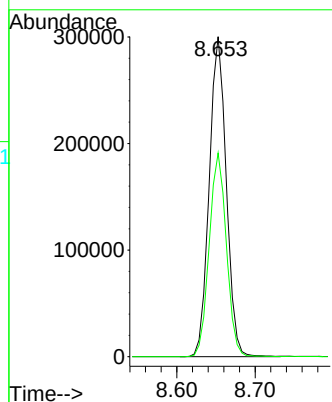
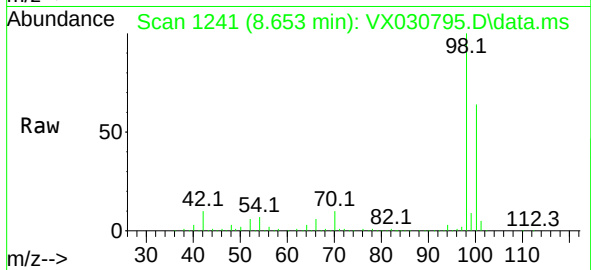




#50
Toluene-d8
Concen: 52.788 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

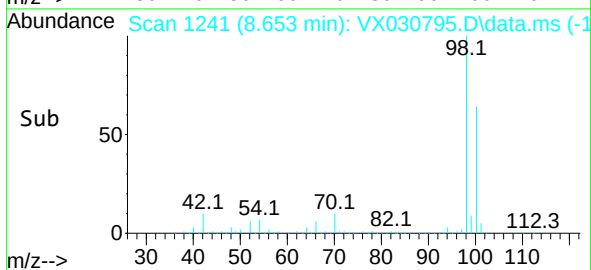
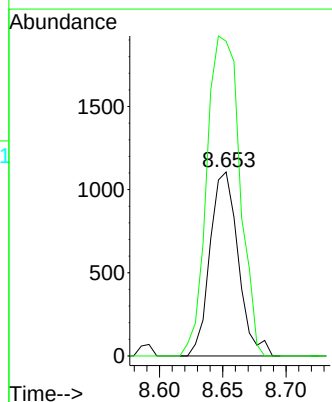
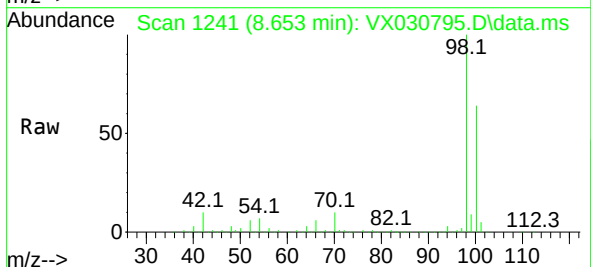
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

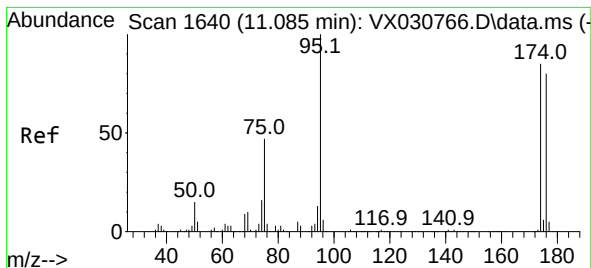
Tgt Ion: 98 Resp: 453000
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 203.8 31.4 47.2#

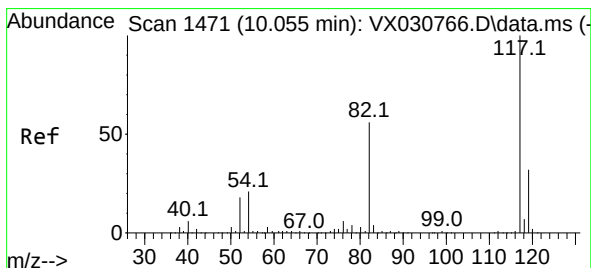
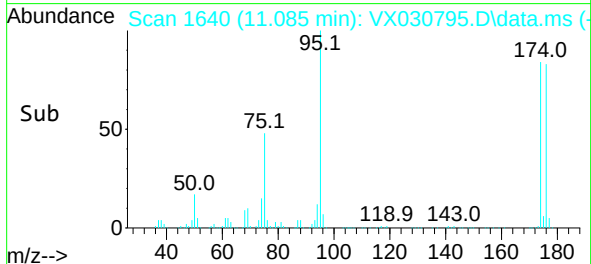
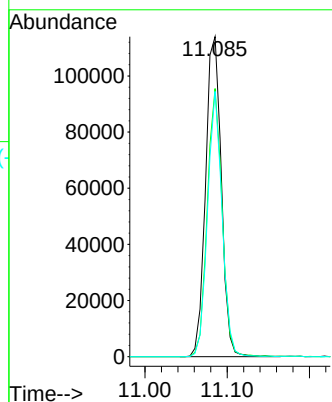
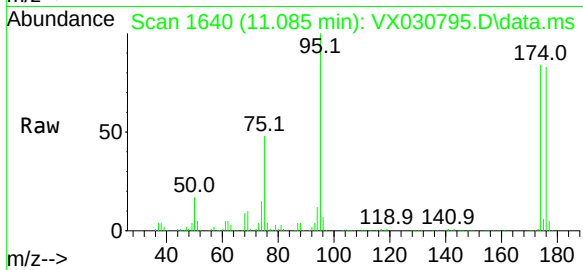




#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

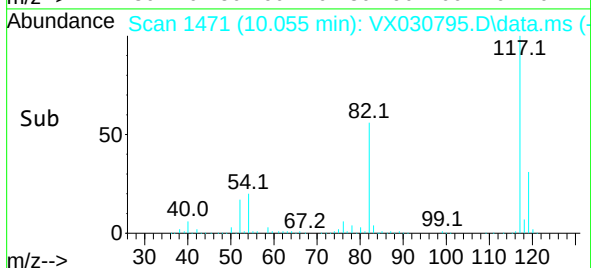
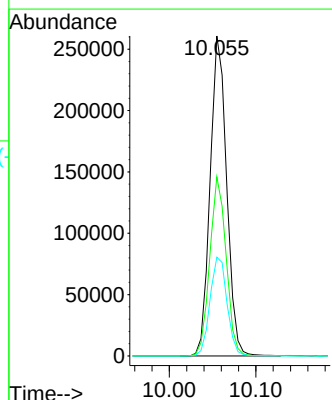
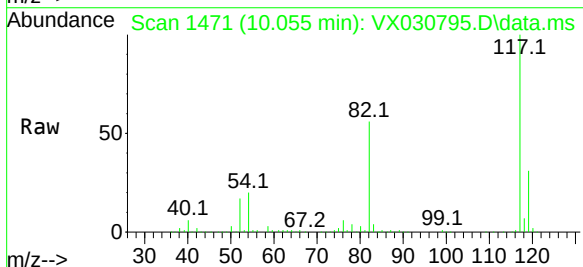
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

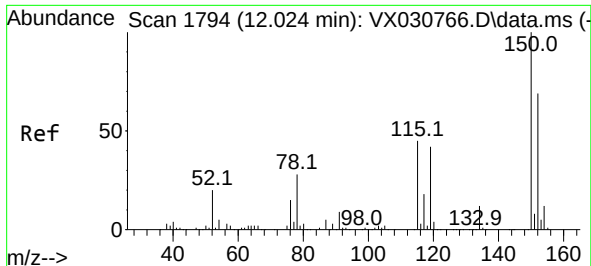
Tgt Ion: 95 Resp: 151510
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.0
176 76.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030795.D
Acq: 26 Aug 2022 01:26

Tgt Ion: 117 Resp: 345531
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 30.9 25.4 38.2

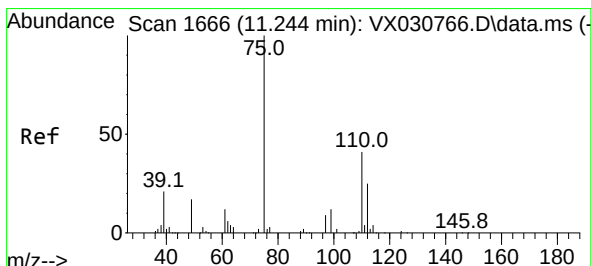
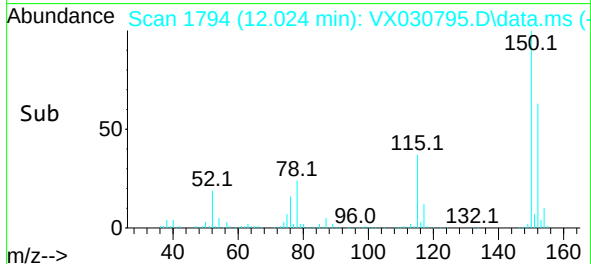
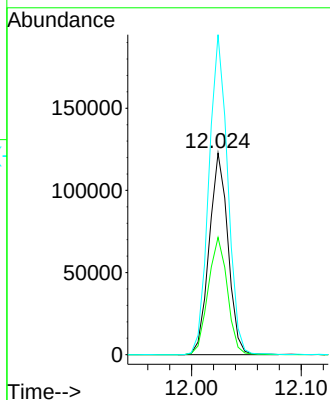
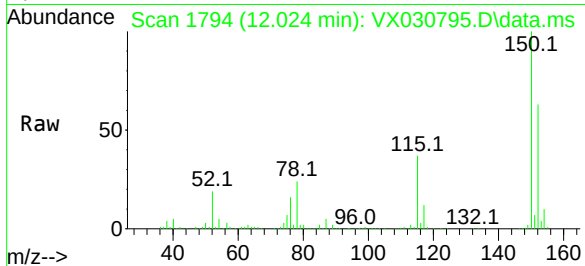




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030795.D
 Acq: 26 Aug 2022 01:26

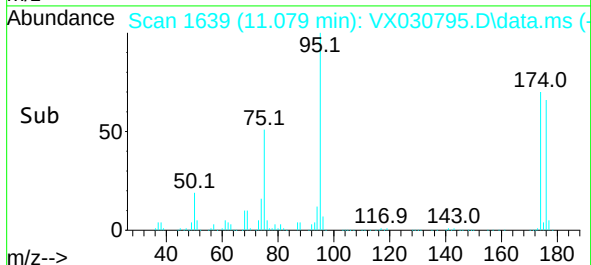
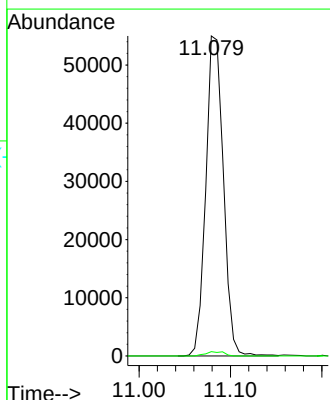
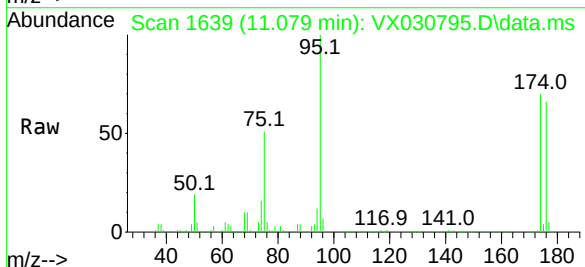
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20220816

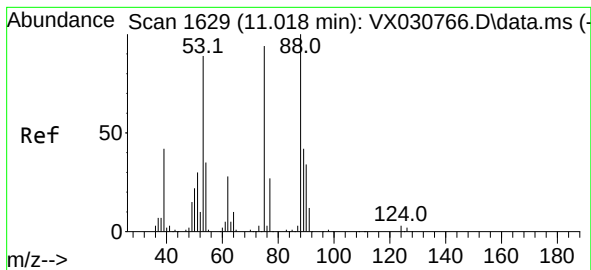
Tgt Ion:152 Resp: 146250
 Ion Ratio Lower Upper
 152 100
 115 59.4 40.5 121.5
 150 159.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.868 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030795.D
 Acq: 26 Aug 2022 01:26

Tgt Ion: 75 Resp: 73273
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.783 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030795.D
 Acq: 26 Aug 2022 01:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20220816

Tgt Ion: 75 Resp: 73273
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

