

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030801.D
 Acq On : 26 Aug 2022 03:47
 Operator : JC/MD
 Sample : N4262-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1021

Quant Time: Aug 26 04:57:52 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)

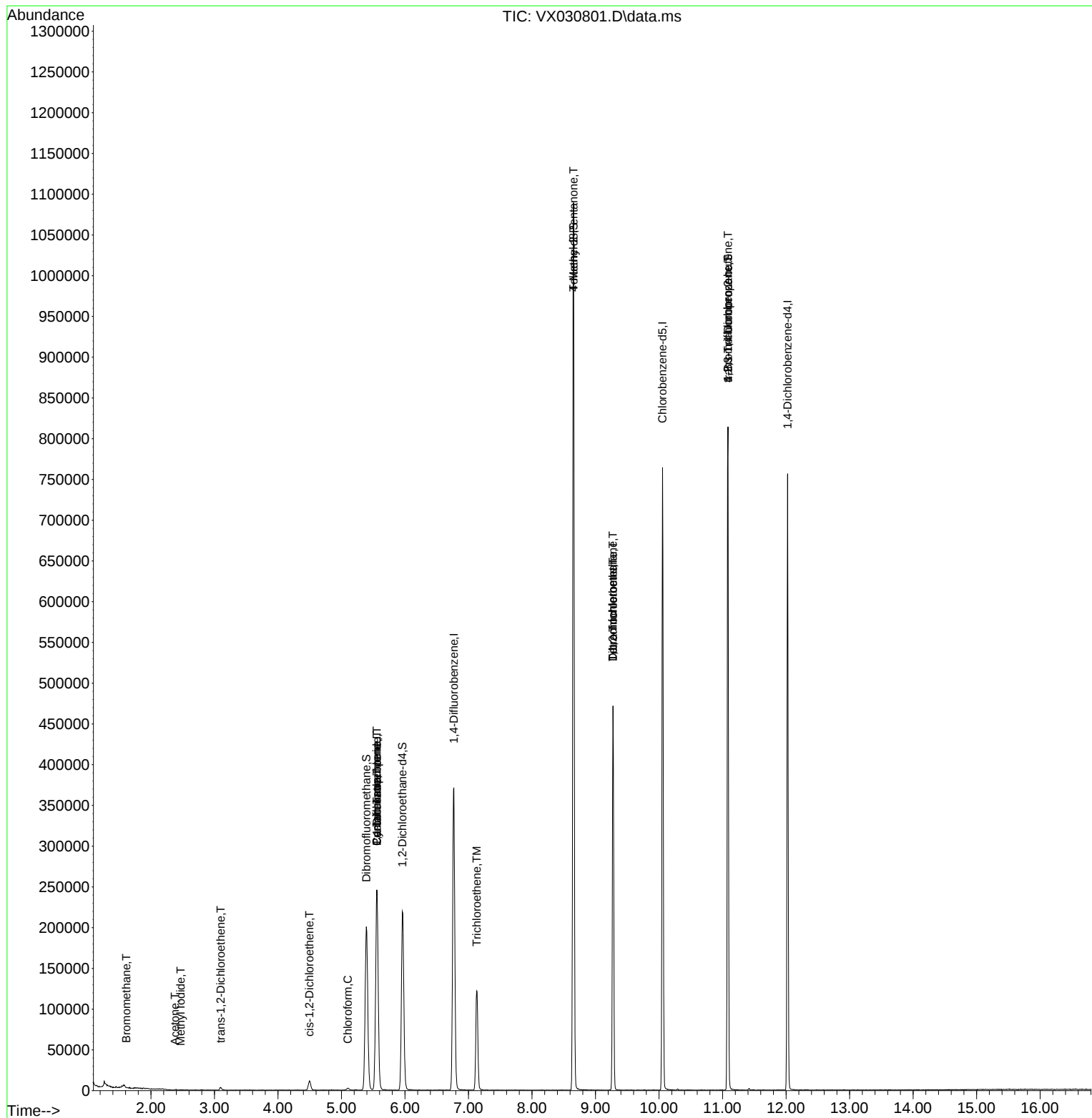
Internal Standards						
1) Pentafluorobenzene	5.556	168	234966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	393389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208663	75.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 151.000%#			
35) Dibromofluoromethane	5.391	113	181299	74.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 149.980%#			
50) Toluene-d8	8.653	98	666013	79.053	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 158.100%#			
62) 4-Bromofluorobenzene	11.085	95	226370	72.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 144.340%#			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	303	Below Cal	#	42
4) Vinyl Chloride	1.618	62	43	Below Cal		91
5) Bromomethane	1.611	94	229	0.209 ug/l	#	58
6) Chloroethane	1.685	64	331	Below Cal	#	41
10) Methyl Iodide	2.465	142	92	4.074 ug/l	#	45
16) Acetone	2.380	43	529	0.414 ug/l	#	87
17) Carbon Disulfide	2.514	76	335	Below Cal	#	74
20) Methylene Chloride	2.794	84	225	Below Cal	#	66
21) trans-1,2-Dichloroethene	3.099	96	1426	0.623 ug/l		86
27) cis-1,2-Dichloroethene	4.495	96	7545	2.669 ug/l		92
30) Chloroform	5.099	83	3019	0.639 ug/l		86
31) Cyclohexane	5.556	56	4675	1.323 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	17587	5.342 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	23873	6.874 ug/l	#	17
44) Trichloroethene	7.129	130	50487	17.742 ug/l		97
51) 4-Methyl-2-Pentanone	8.653	43	2424	0.612 ug/l	#	1
55) 1,1,2-Trichloroethane	9.275	97	597	0.219 ug/l	#	1
60) Dibromochloromethane	9.275	129	87626	30.756 ug/l	#	11
64) Tetrachloroethene	9.275	164	89948	32.466 ug/l		97
76) 1,2,3-Trichloropropane	11.085	75	110714	32.396 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	110714	104.523 ug/l	#	13

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

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MSVOA_X
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MW-102I

Quant Time: Aug 26 04:57:52 2022
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Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

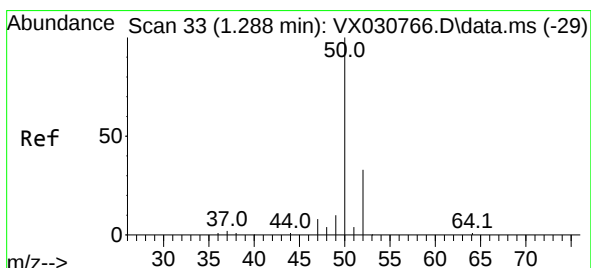
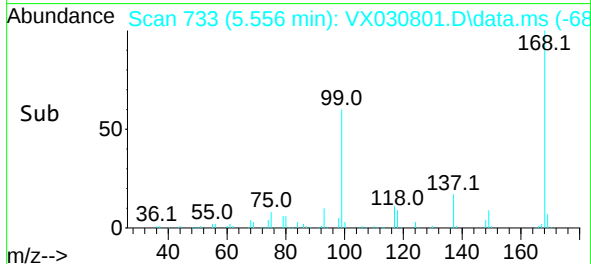
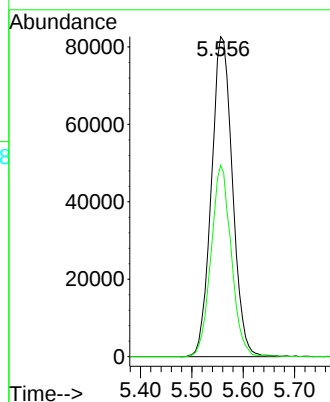
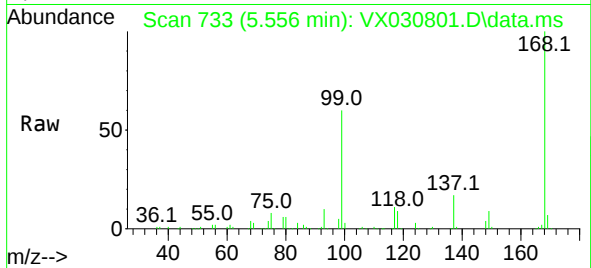




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

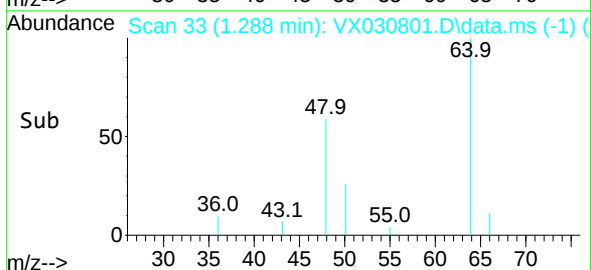
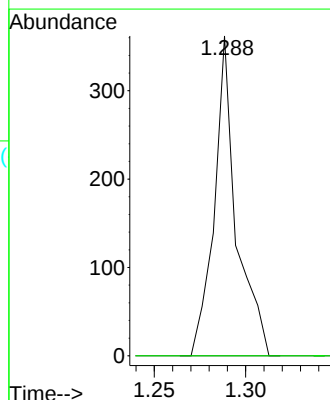
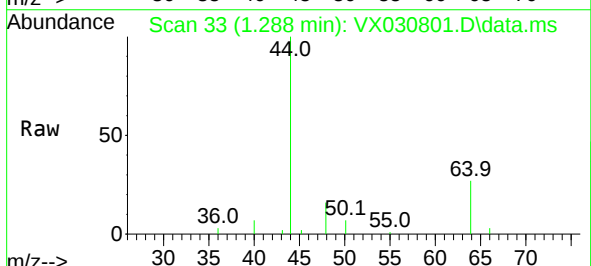
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

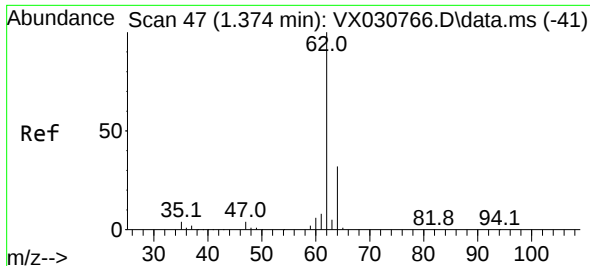
Tgt Ion:168 Resp: 234966
Ion Ratio Lower Upper
168 100
99 59.8 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

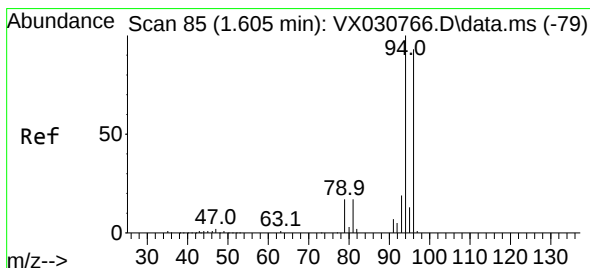
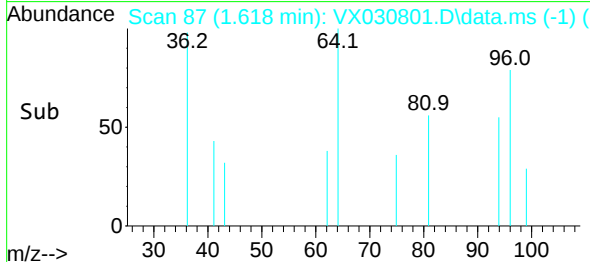
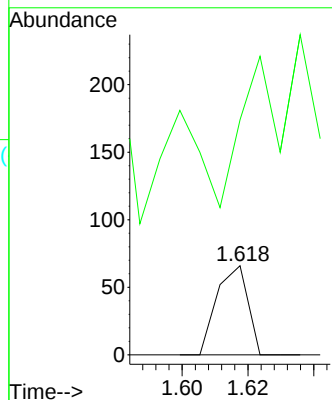
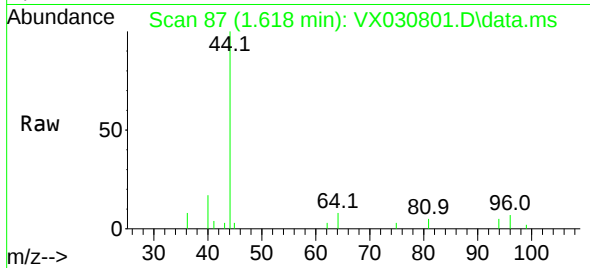




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.618 min Scan# 81
 Delta R.T. 0.244 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

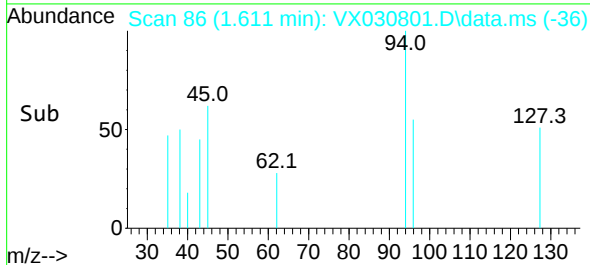
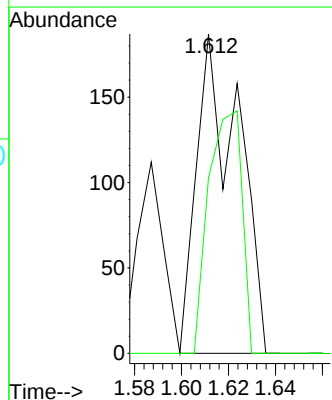
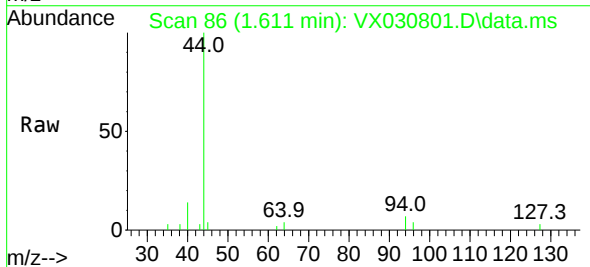
Instrument :
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 ClientSampleId :
 MW-102I

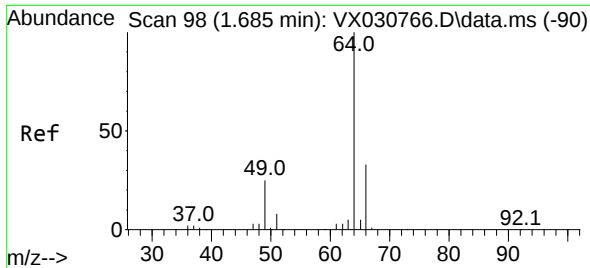
Tgt Ion: 62 Resp: 43
 Ion Ratio Lower Upper
 62 100
 64 36.4 25.2 37.8



#5
 Bromomethane
 Concen: 0.209 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

Tgt Ion: 94 Resp: 229
 Ion Ratio Lower Upper
 94 100
 96 55.1 76.9 115.3#

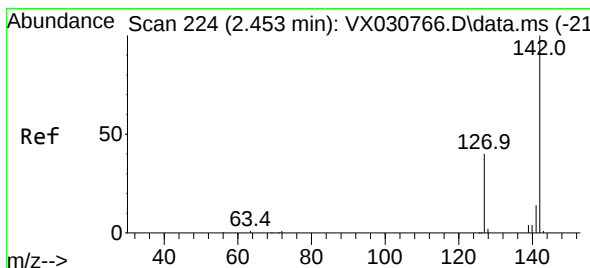
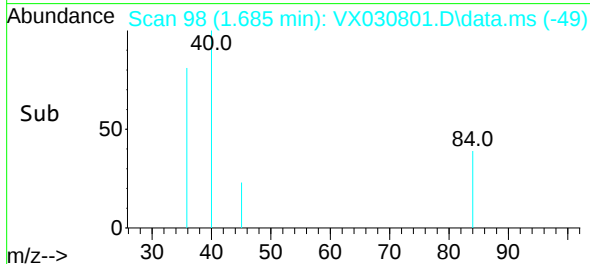
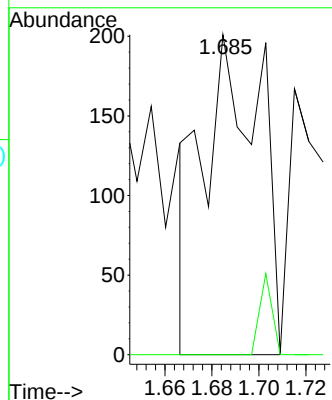
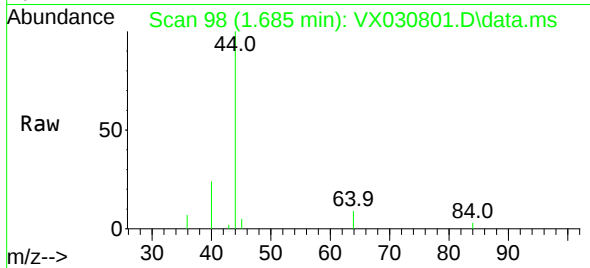




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

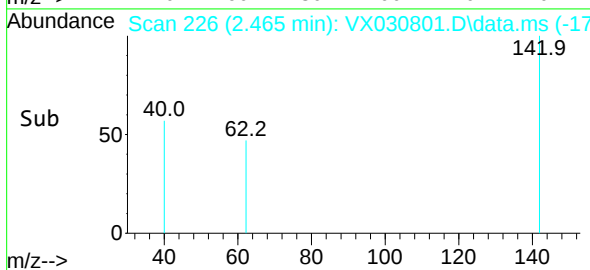
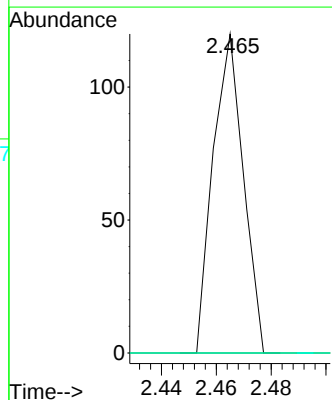
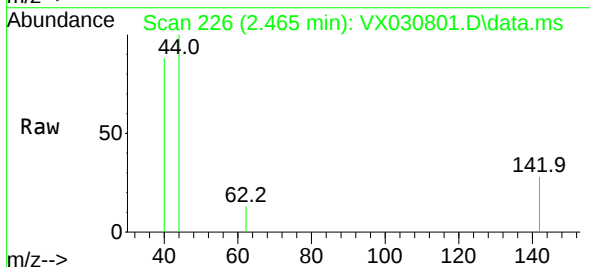
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

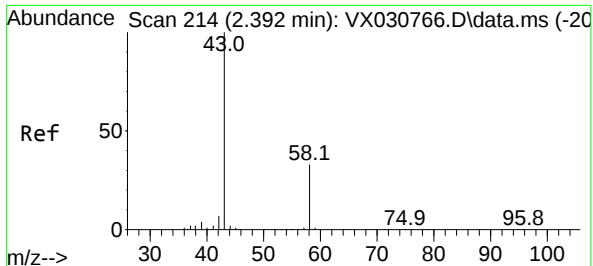
Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.074 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion: 142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

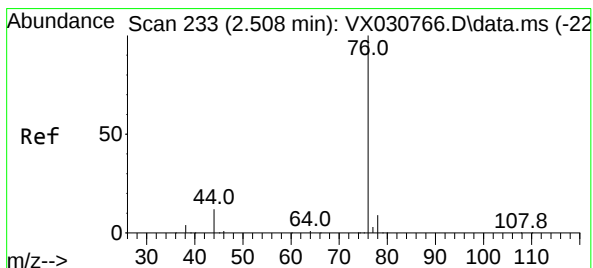
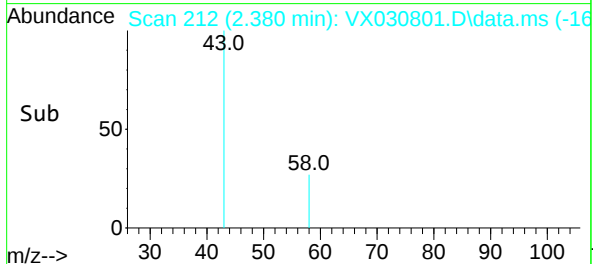
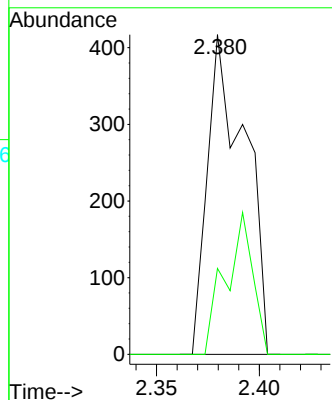
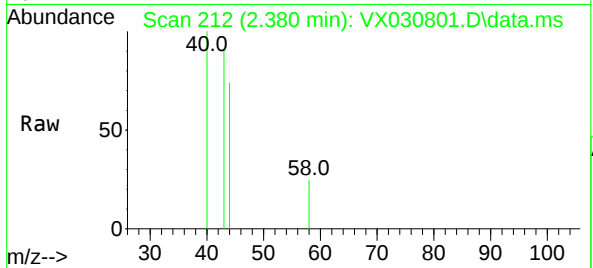




#16
Acetone
Concen: 0.414 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

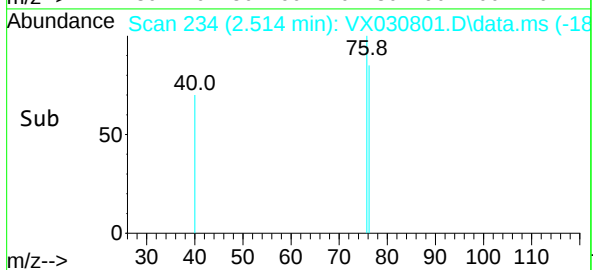
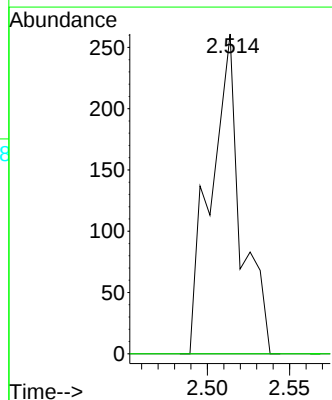
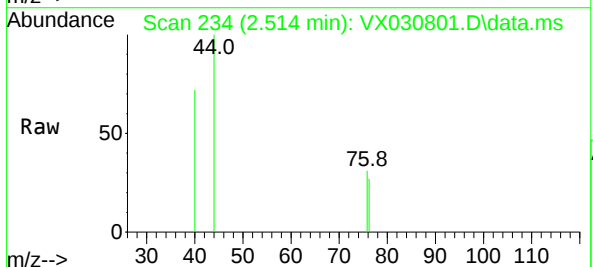
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

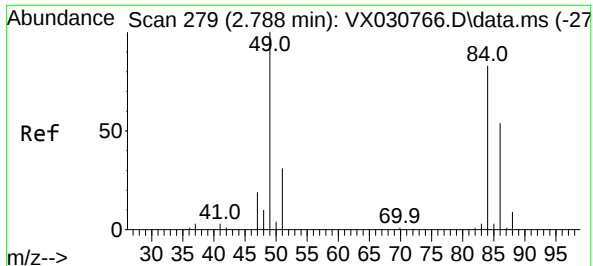
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 26.9 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

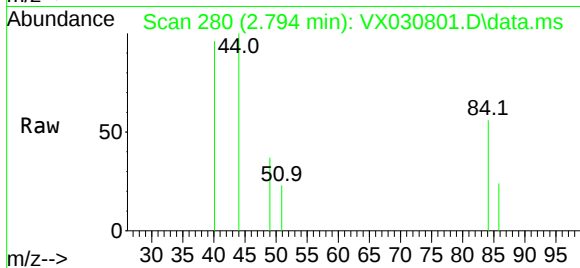
Tgt Ion: 76 Resp: 335
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



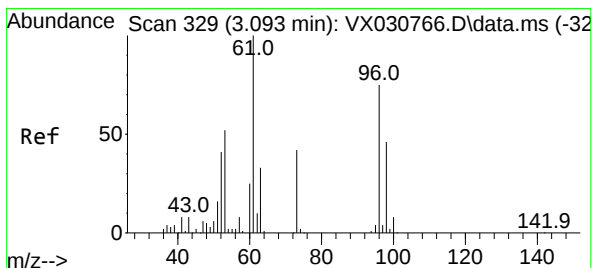
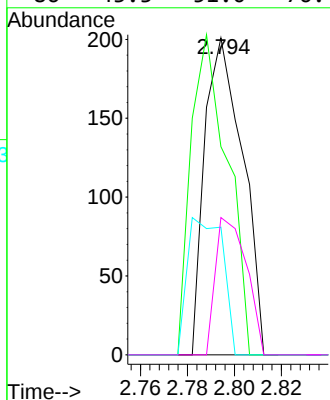
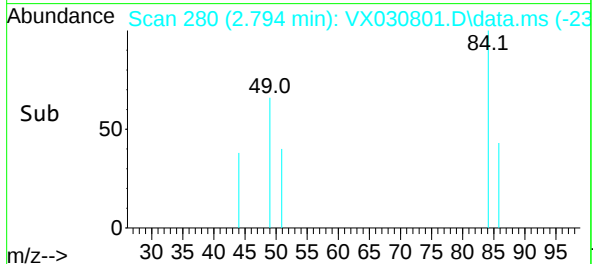


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-102I

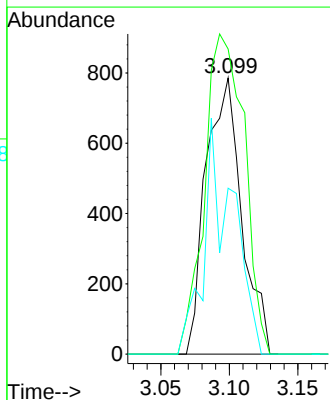
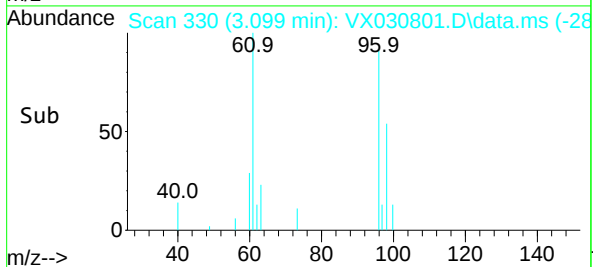
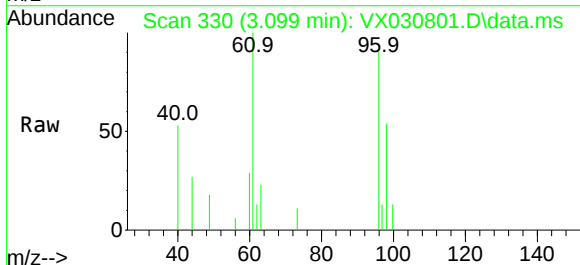


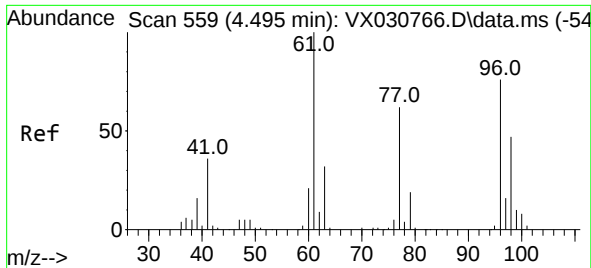
Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 65.7 93.8 140.6#
51 40.3 29.4 44.0
86 43.3 51.0 76.4#



#21
trans-1,2-Dichloroethene
Concen: 0.623 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion: 96 Resp: 1426
Ion Ratio Lower Upper
96 100
61 110.4 105.6 158.4
98 60.1 50.1 75.1

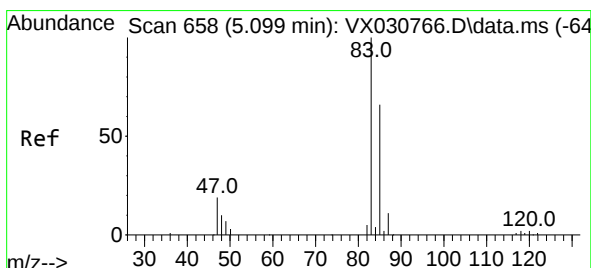
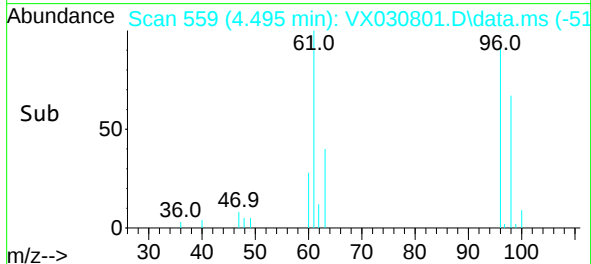
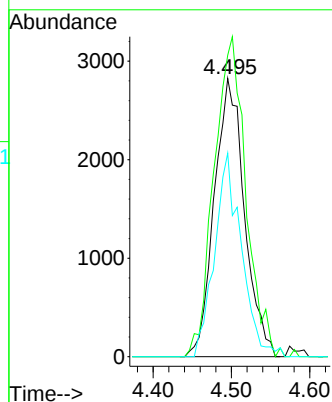
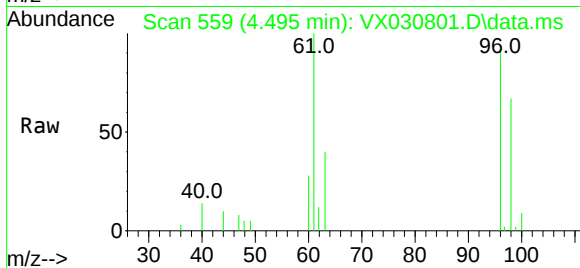




#27
 cis-1,2-Dichloroethene
 Concen: 2.669 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

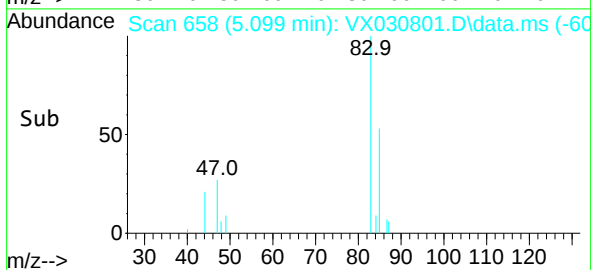
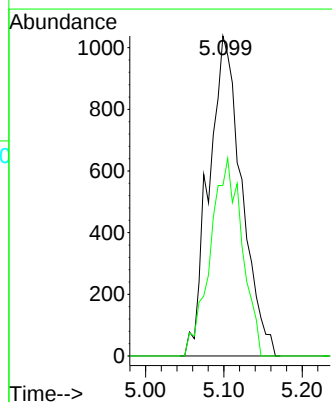
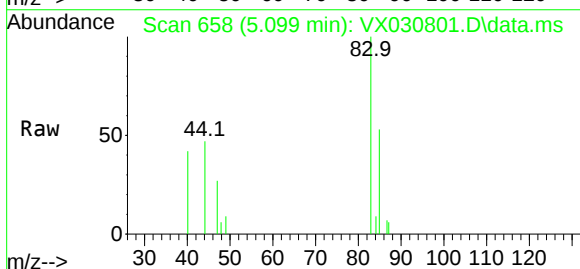
Instrument :
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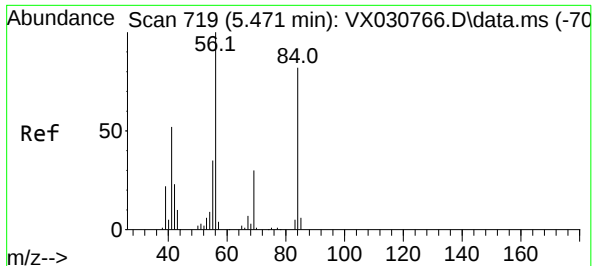
Tgt Ion: 96	Resp: 7545		
Ion	Ratio	Lower	Upper
96	100		
61	121.5	0.0	270.0
98	65.1	0.0	127.8



#30
 Chloroform
 Concen: 0.639 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

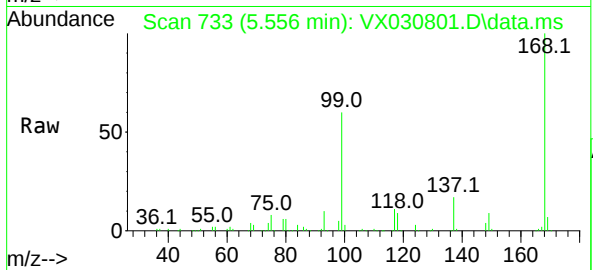
Tgt Ion: 83	Resp: 3019		
Ion Ratio	Lower	Upper	
83 100			
85 53.3	51.5	77.3	



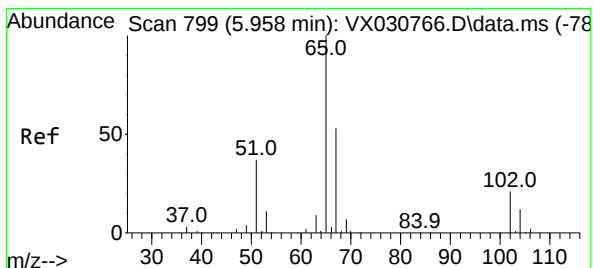
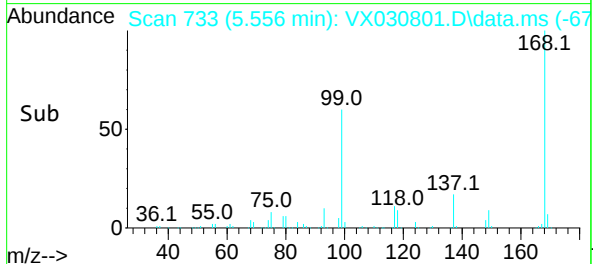
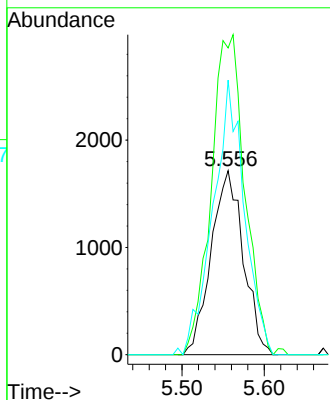


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Instrument :
MSVOA_X
ClientSampleId :
MW-102I

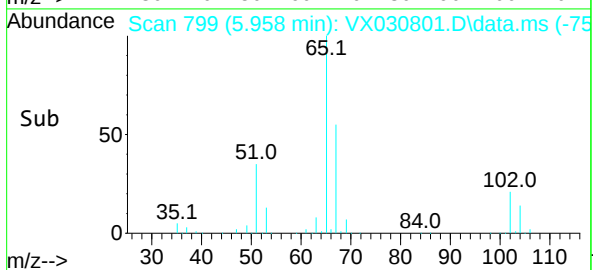
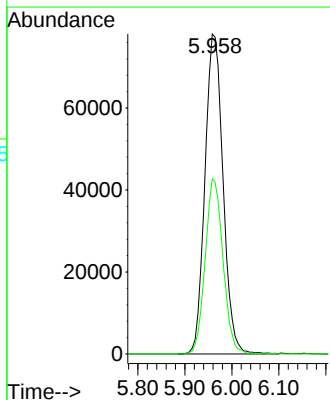
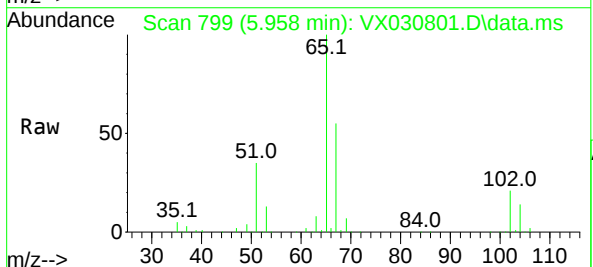


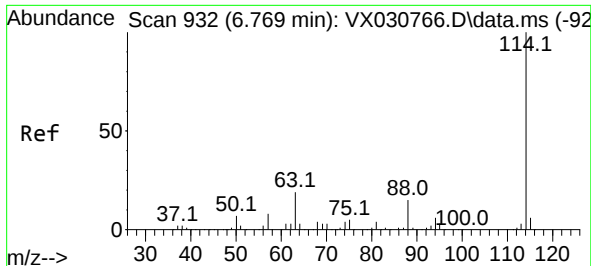
Tgt Ion: 56 Resp: 4675
Ion Ratio Lower Upper
56 100
69 166.7 25.4 38.0#
84 149.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 75.498 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion: 65 Resp: 208663
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

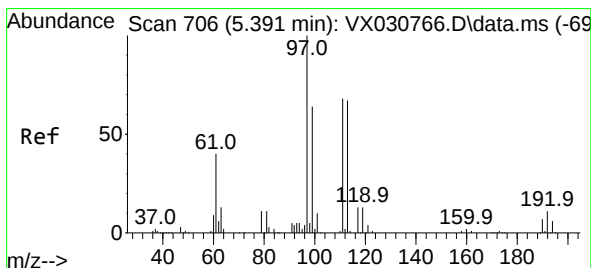
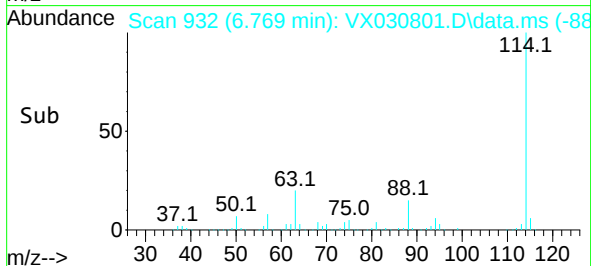
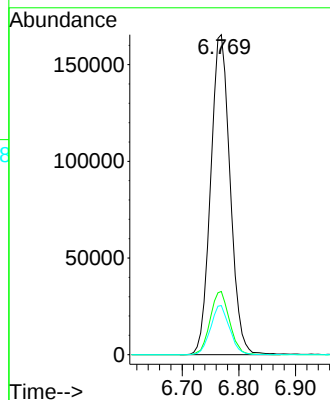
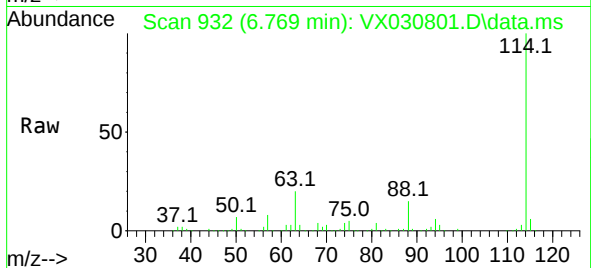




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

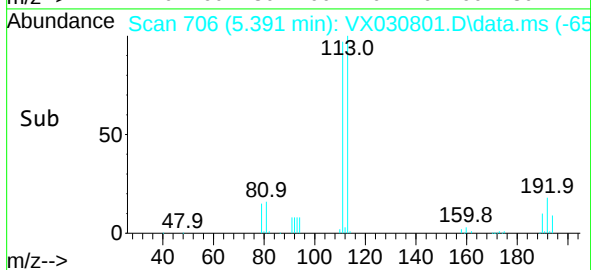
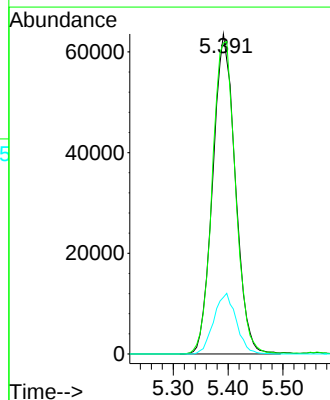
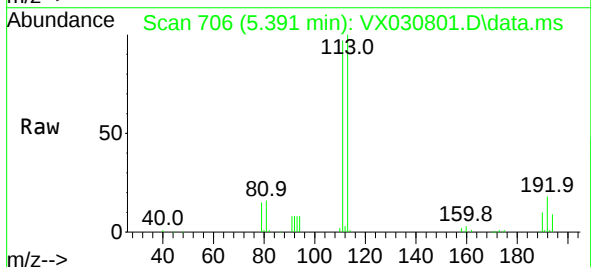
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

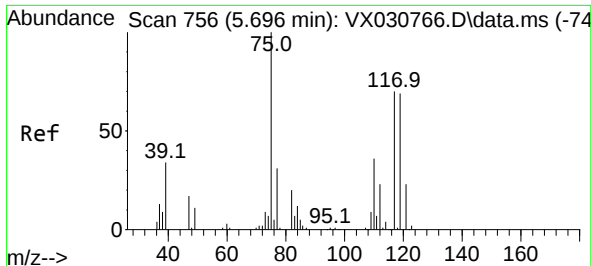
Tgt Ion:114 Resp: 393389
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 74.988 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion:113 Resp: 181299
Ion Ratio Lower Upper
113 100
111 101.0 83.2 124.8
192 18.9 14.8 22.2

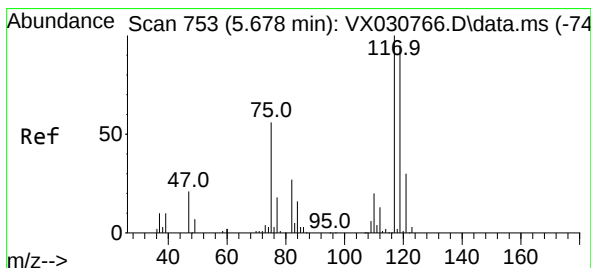
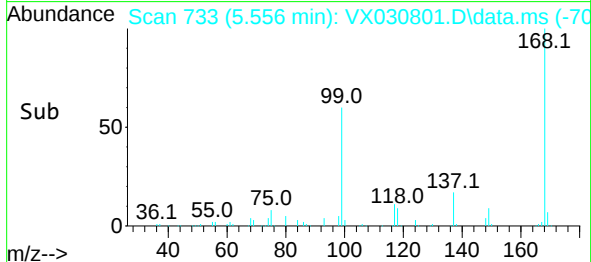
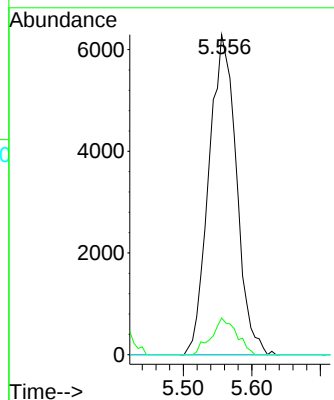
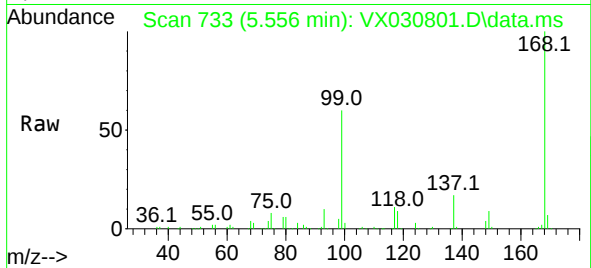




#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

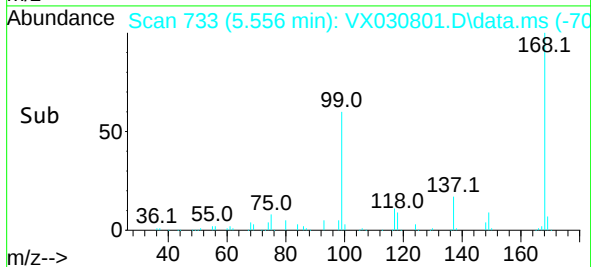
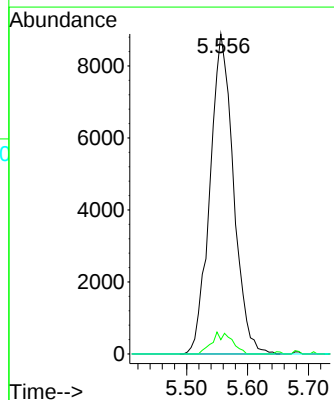
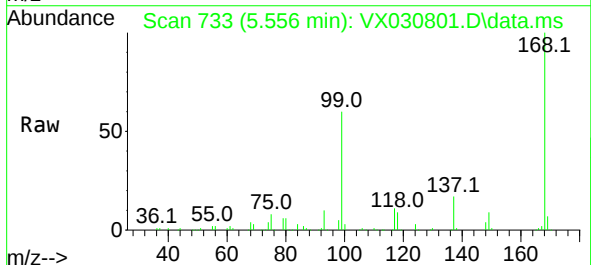
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

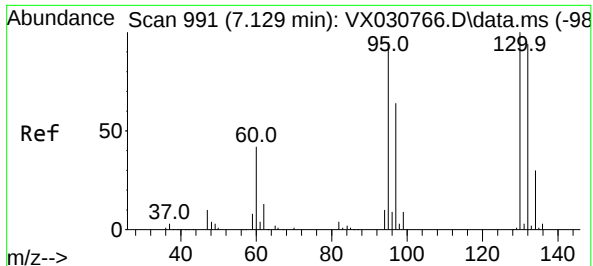
Tgt Ion: 75 Resp: 17587
Ion Ratio Lower Upper
75 100
110 10.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.874 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion: 117 Resp: 23873
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#

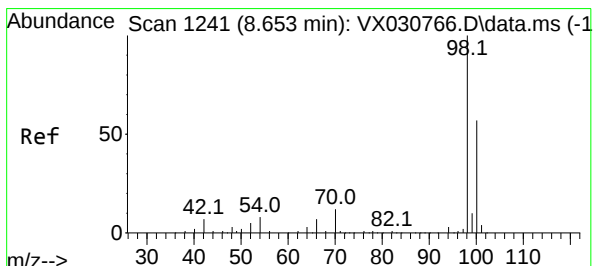
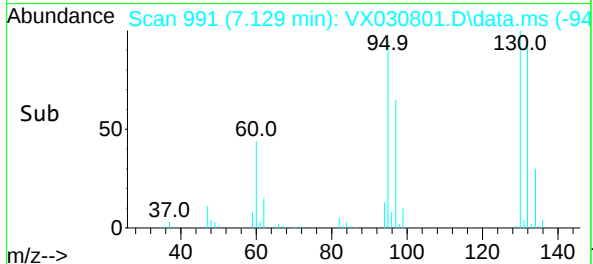
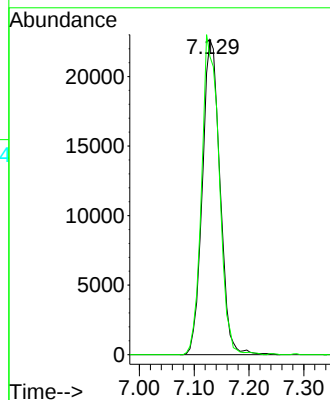
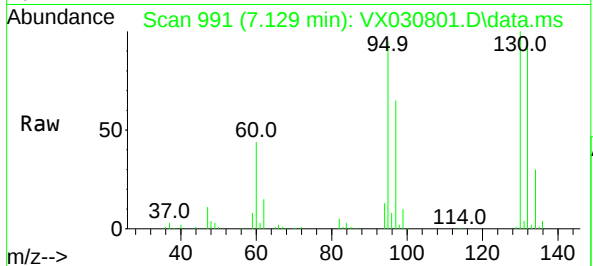




#44
Trichloroethene
Concen: 17.742 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

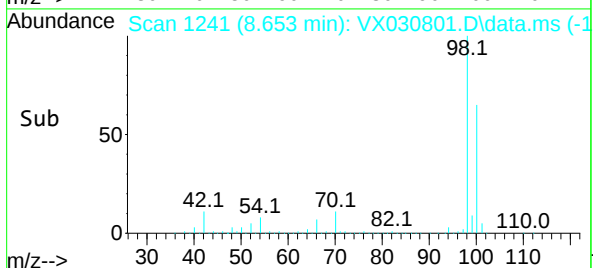
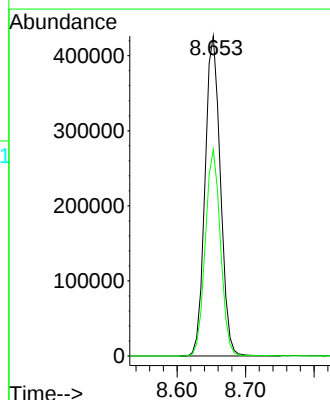
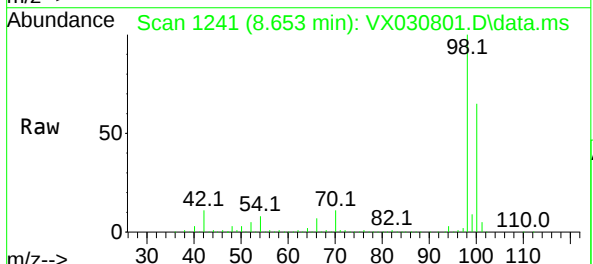
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

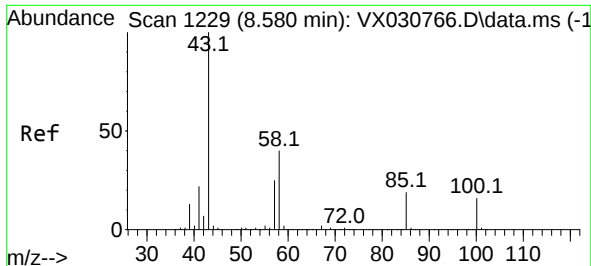
Tgt Ion:130 Resp: 50487
Ion Ratio Lower Upper
130 100
95 94.8 0.0 194.8



#50
Toluene-d8
Concen: 79.053 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion: 98 Resp: 666013
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5

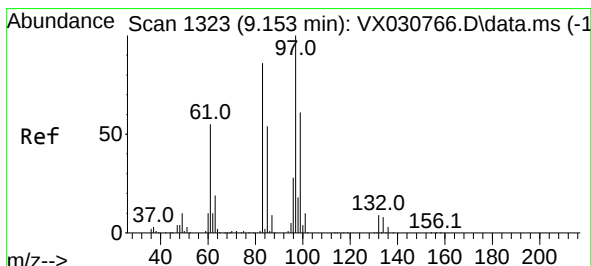
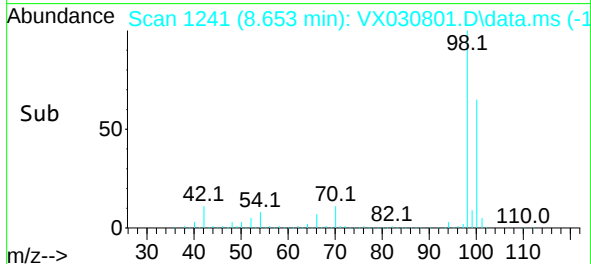
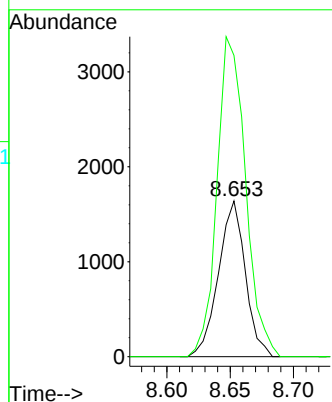
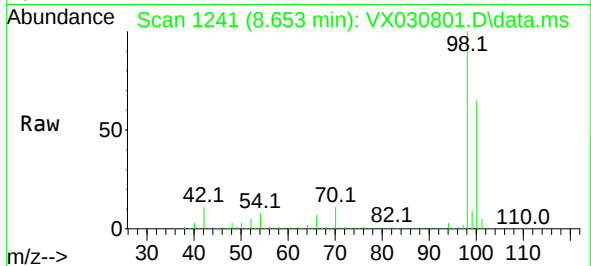




#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

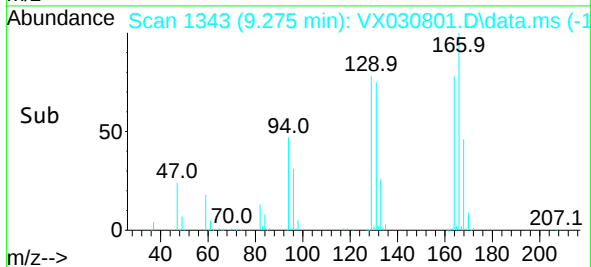
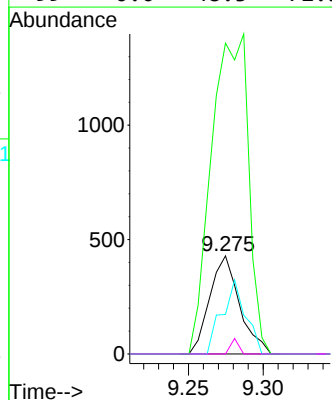
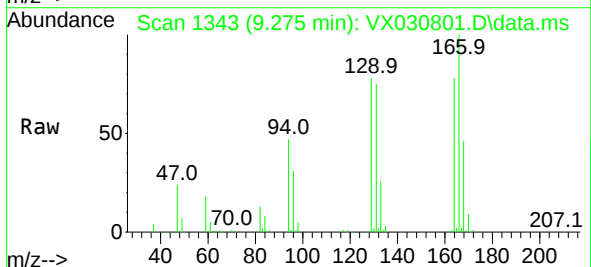
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

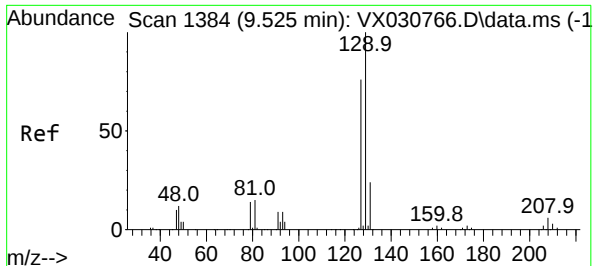
Tgt Ion: 43 Resp: 2424
Ion Ratio Lower Upper
43 100
58 218.1 31.4 47.2#



#55
1,1,2-Trichloroethane
Concen: 0.219 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion: 97 Resp: 597
Ion Ratio Lower Upper
97 100
83 316.8 68.9 103.3#
85 40.3 44.0 66.0#
99 0.0 48.3 72.5#

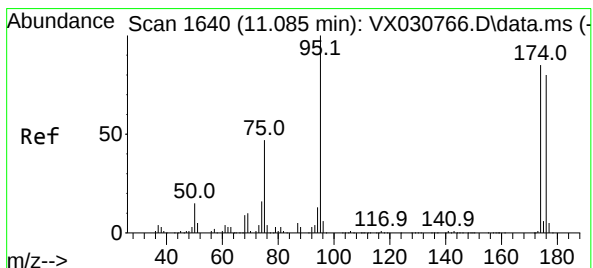
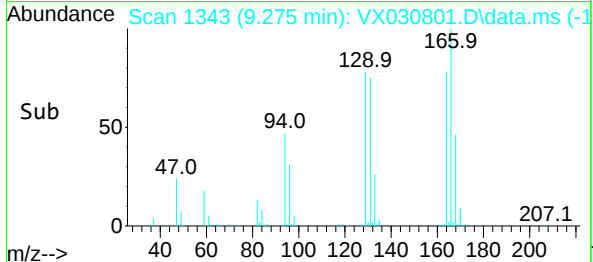
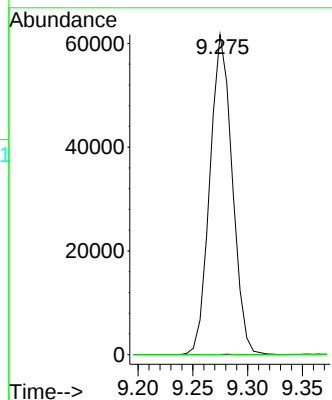
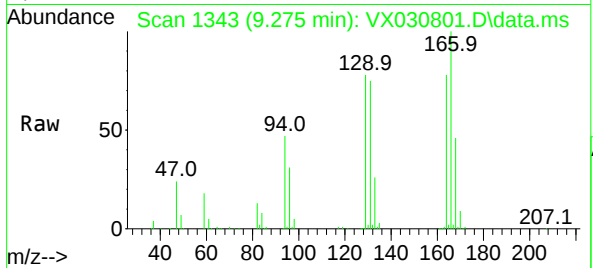




#60
 Dibromochloromethane
 Concen: 30.756 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.250 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

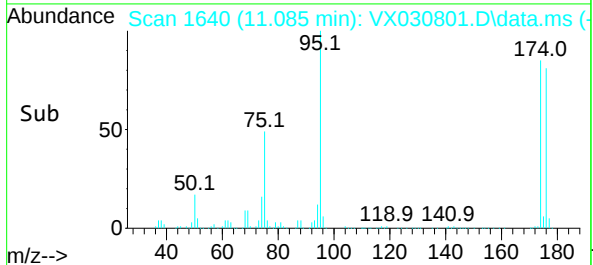
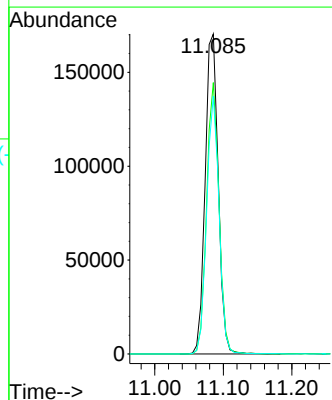
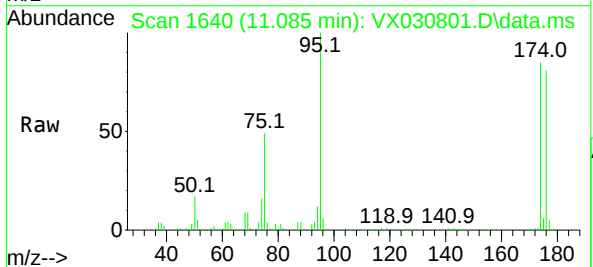
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

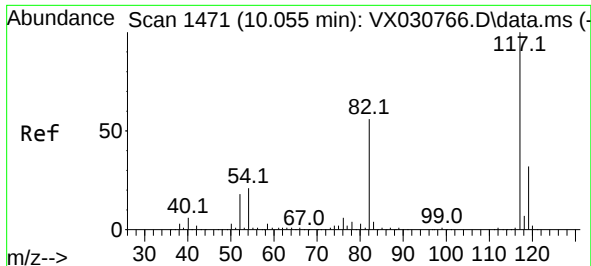
Tgt Ion:129 Resp: 87626
 Ion Ratio Lower Upper
 129 100
 127 0.1 38.5 115.5#



#62
 4-Bromofluorobenzene
 Concen: 72.171 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

Tgt Ion: 95 Resp: 226370
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 149.0
 176 76.3 0.0 146.0

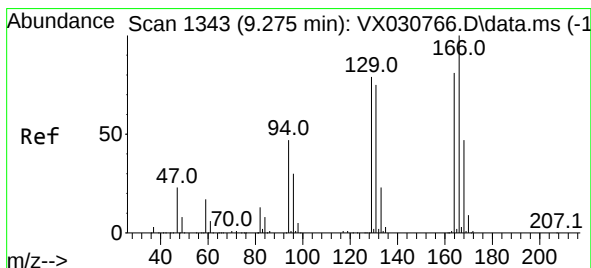
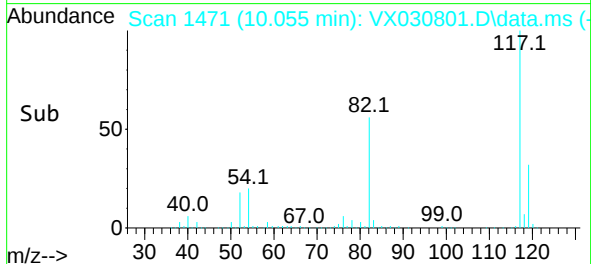
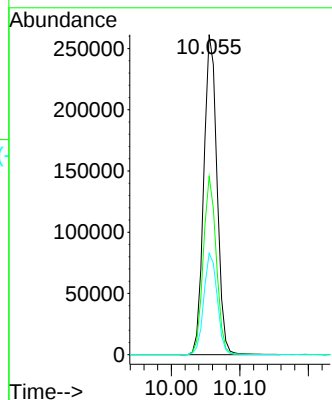
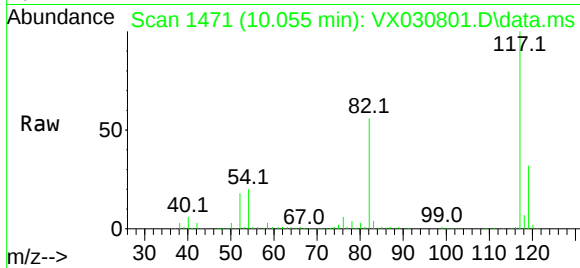




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

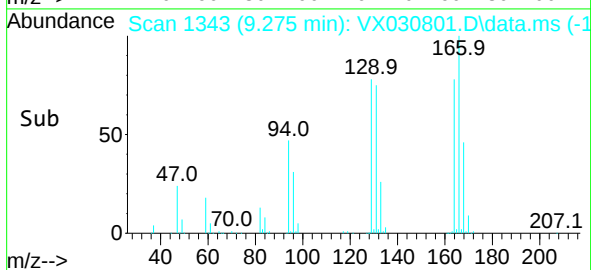
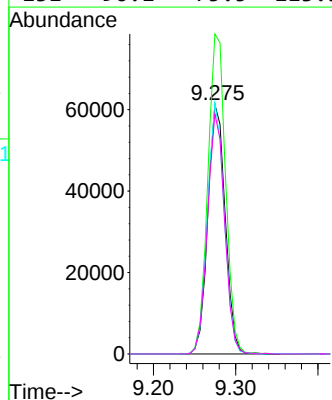
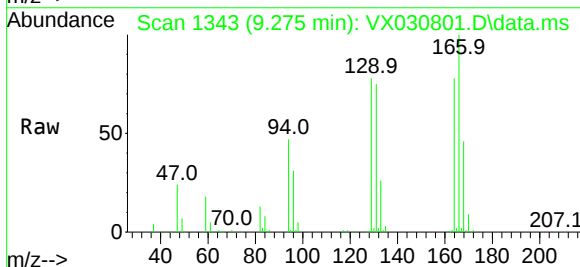
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

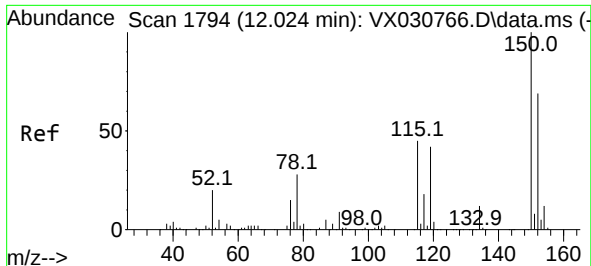
Tgt Ion:117 Resp: 351708
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 32.466 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030801.D
Acq: 26 Aug 2022 03:47

Tgt Ion:164 Resp: 89948
Ion Ratio Lower Upper
164 100
166 128.2 98.2 147.4
129 100.6 80.8 121.2
131 96.1 75.5 113.3

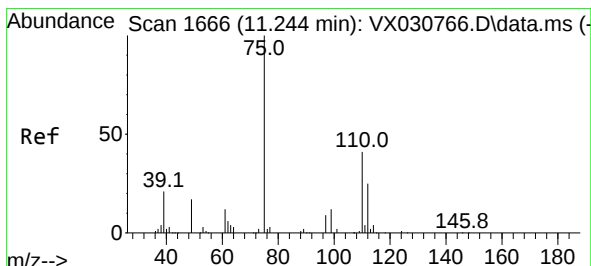
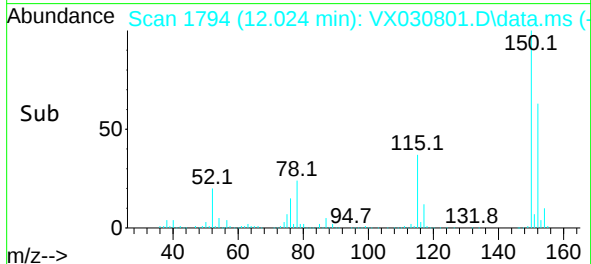
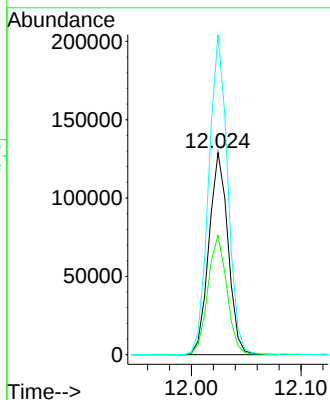
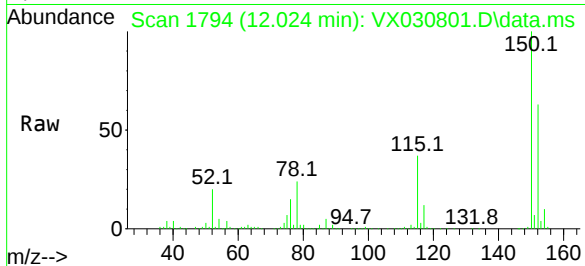




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

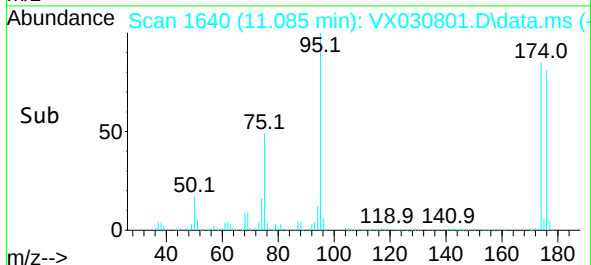
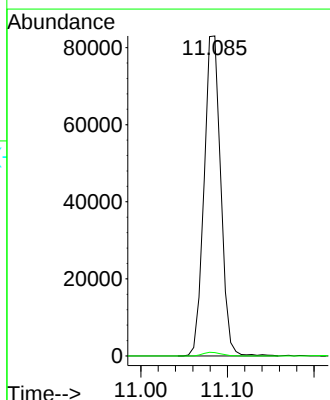
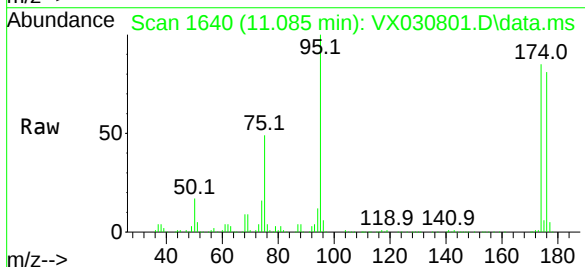
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

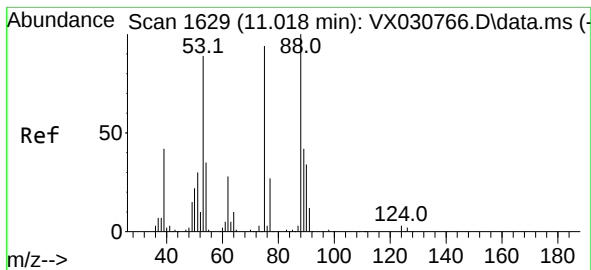
Tgt Ion:152 Resp: 155990
 Ion Ratio Lower Upper
 152 100
 115 59.0 40.5 121.5
 150 157.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 32.396 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

Tgt Ion: 75 Resp: 110714
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.523 ug/l
 RT: 11.085 min Scan# 110714
 Delta R.T. 0.067 min
 Lab File: VX030801.D
 Acq: 26 Aug 2022 03:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

Tgt Ion: 75 Resp: 110714
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

