

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029140.D
 Acq On : 02 Jun 2022 17:05
 Operator : JC/MD
 Sample : N3022-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20220525

Quant Time: Jun 03 04:32:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

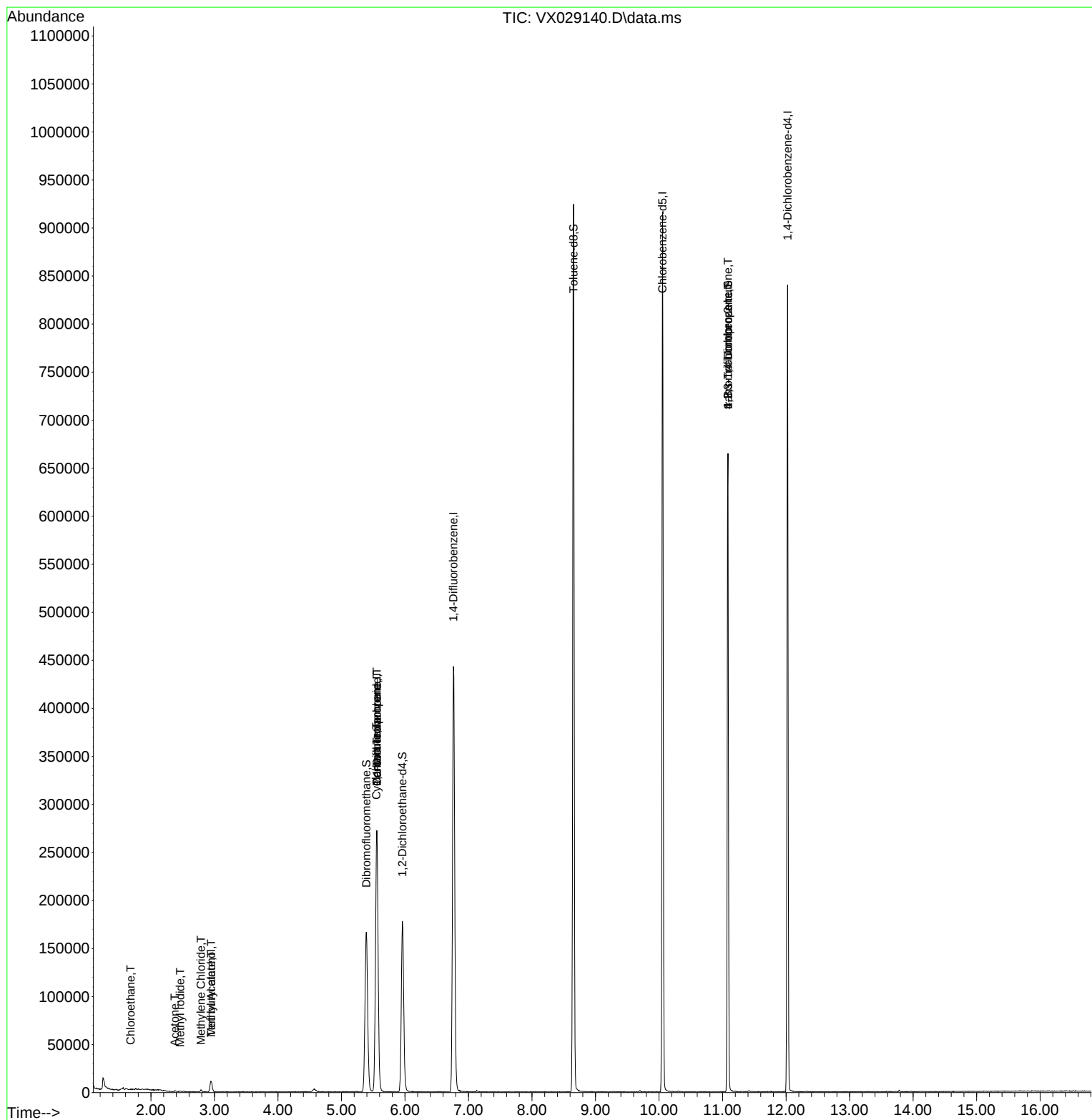
Internal Standards						
1) Pentafluorobenzene	5.556	168	257008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172627	59.565	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.120%			
35) Dibromofluoromethane	5.391	113	151580	48.231	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.460%			
50) Toluene-d8	8.653	98	551774	48.004	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.085	95	189018	42.541	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.080%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	754	Below Cal	#	75
6) Chloroethane	1.679	64	379	1.568	ug/l #	43
10) Methyl Iodide	2.459	142	858	4.498	ug/l #	92
11) Tert butyl alcohol	2.947	59	7098	10.572	ug/l #	74
16) Acetone	2.374	43	1087	0.952	ug/l #	87
18) Methyl Acetate	2.947	43	1058	0.358	ug/l #	50
20) Methylene Chloride	2.788	84	972	0.365	ug/l #	86
31) Cyclohexane	5.550	56	4968	1.319	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19410	4.800	ug/l #	51
38) Carbon Tetrachloride	5.556	117	27360	5.920	ug/l #	16
44) Trichloroethene	7.135	130	536	Below Cal		88
76) 1,2,3-Trichloropropane	11.085	75	92649	26.889	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	92649	78.886	ug/l #	15
94) Hexachlorobutadiene	13.725	225	62	Below Cal	#	1

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

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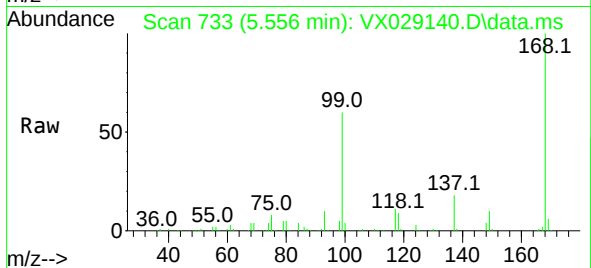
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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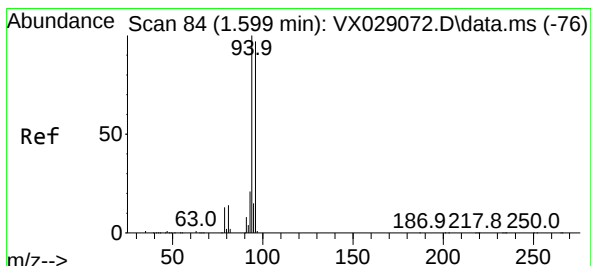
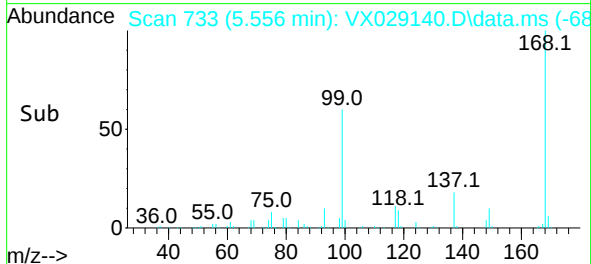
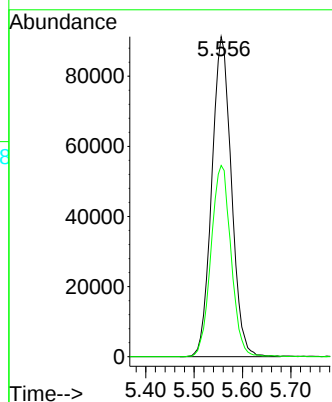


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

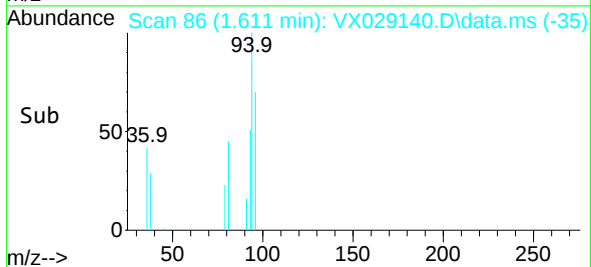
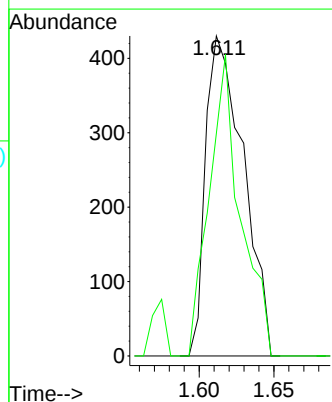
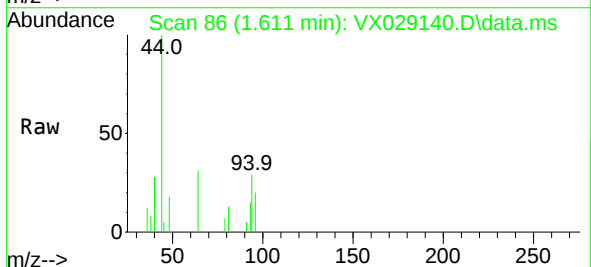


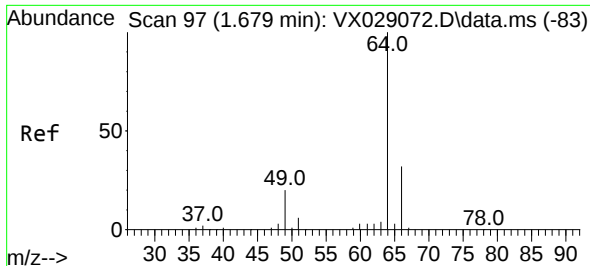
Tgt Ion:168 Resp: 257008
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 94 Resp: 754
Ion Ratio Lower Upper
94 100
96 69.5 75.3 112.9#

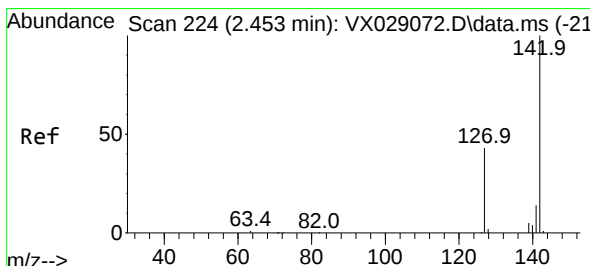
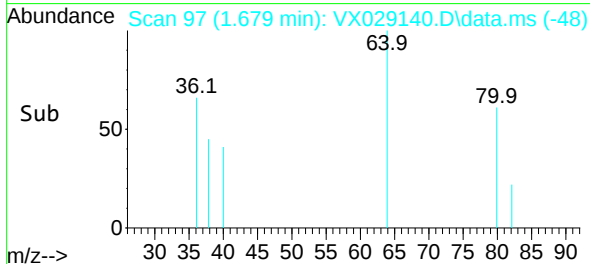
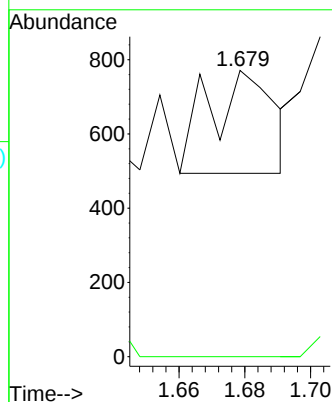
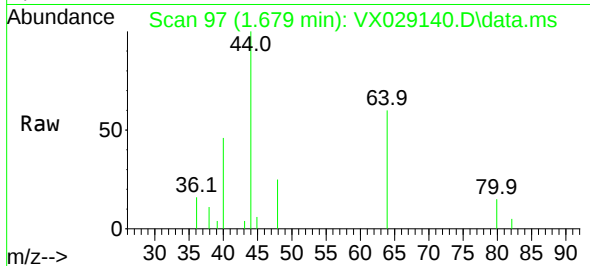




#6
Chloroethane
Concen: 1.568 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

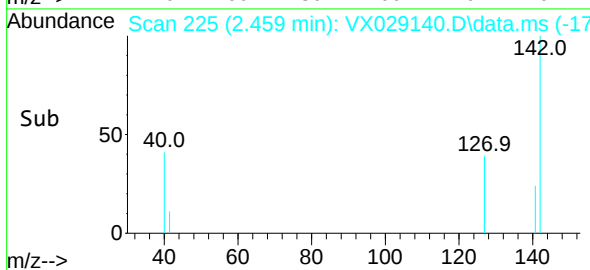
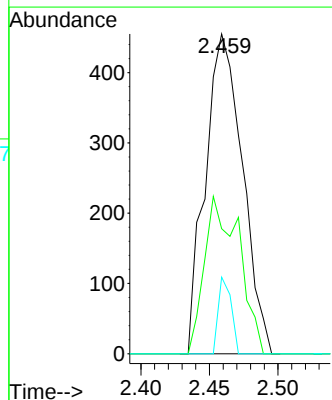
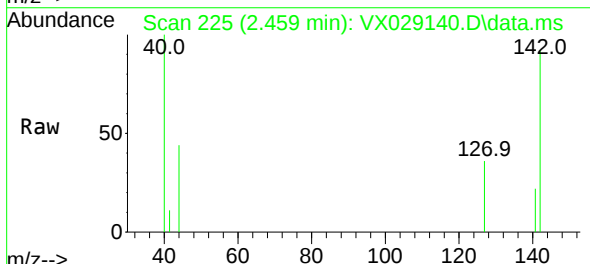
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

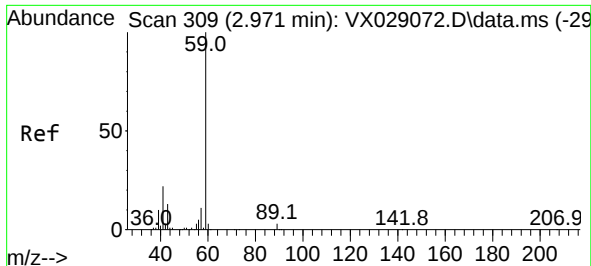
Tgt Ion: 64 Resp: 379
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.498 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 142 Resp: 858
Ion Ratio Lower Upper
142 100
127 46.0 33.9 50.9
141 8.3 11.4 17.2#

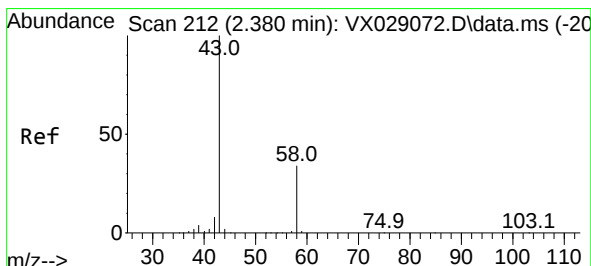
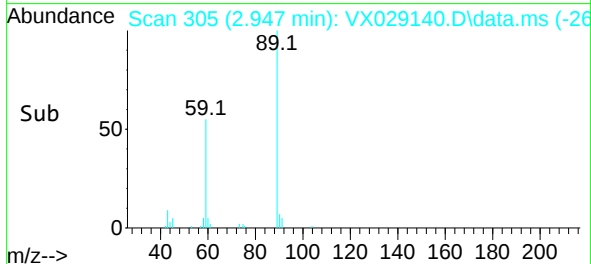
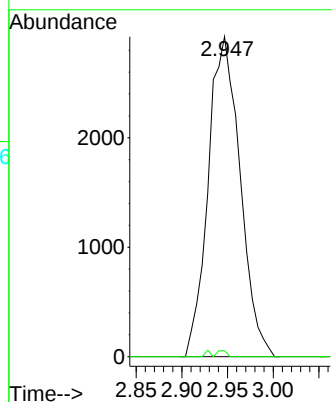
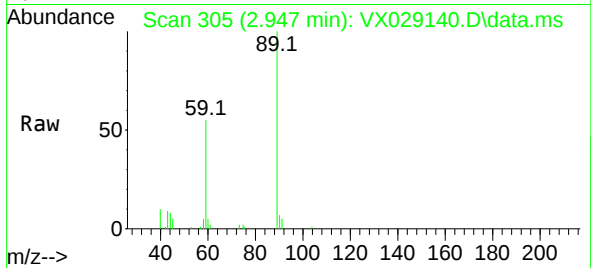




#11
Tert butyl alcohol
Concen: 10.572 ug/l
RT: 2.947 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

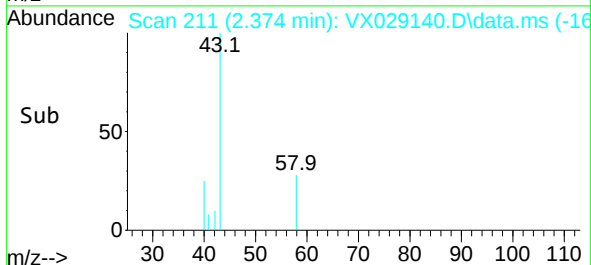
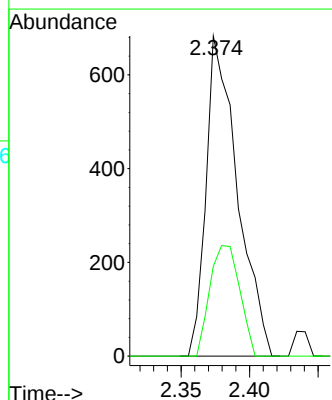
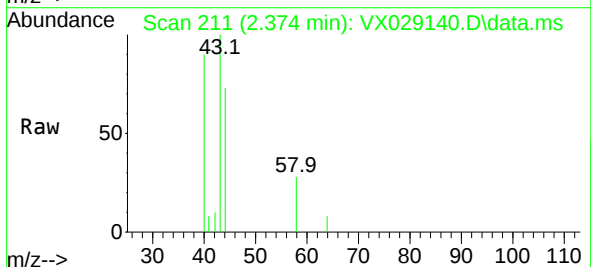
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

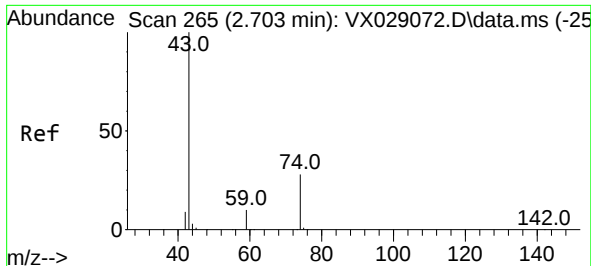
Tgt Ion: 59 Resp: 7098
Ion Ratio Lower Upper
59 100
57 0.9 8.3 12.5#



#16
Acetone
Concen: 0.952 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
58 28.1 28.8 43.2#

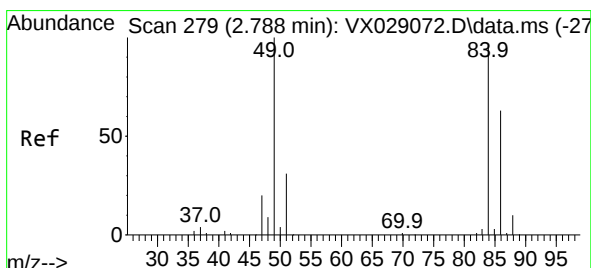
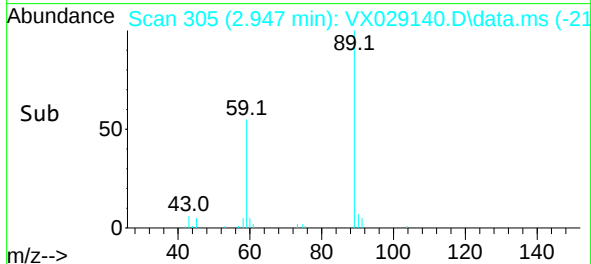
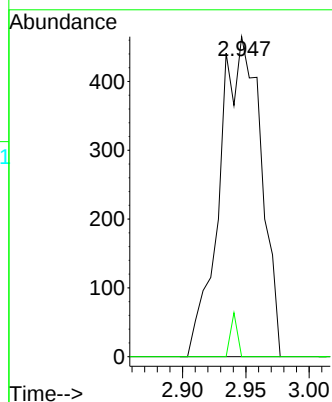
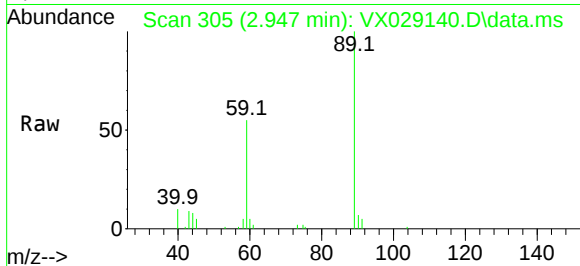




#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.244 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

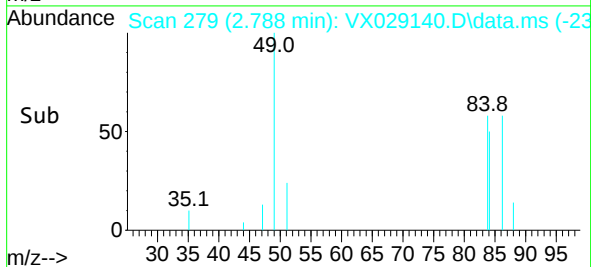
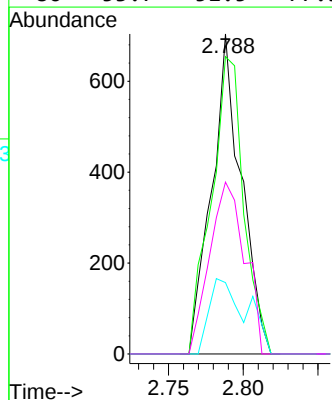
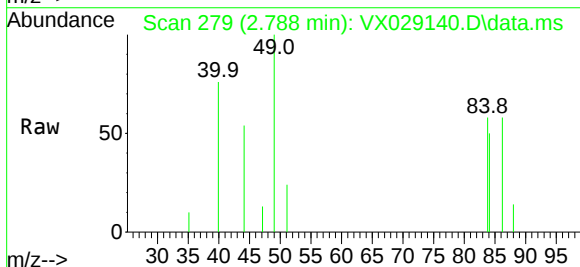
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

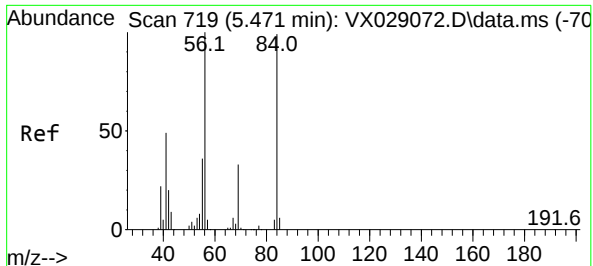
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
74 2.2 22.8 34.2#



#20
Methylene Chloride
Concen: 0.365 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 84 Resp: 972
Ion Ratio Lower Upper
84 100
49 92.9 85.5 128.3
51 22.3 26.6 39.8#
86 53.7 51.5 77.3

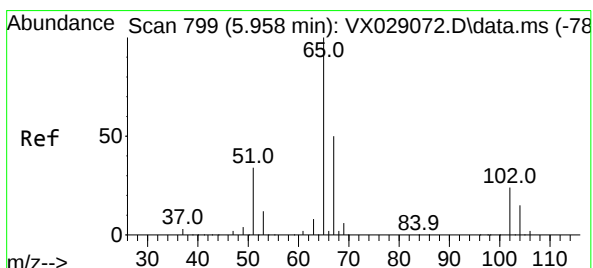
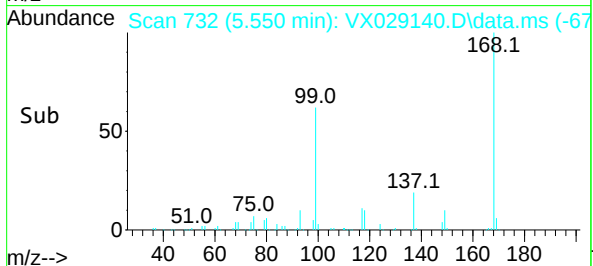
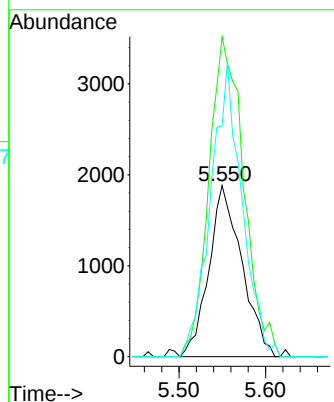
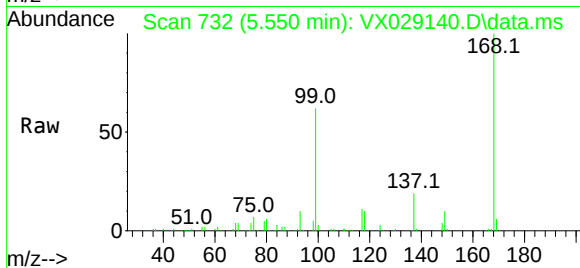




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

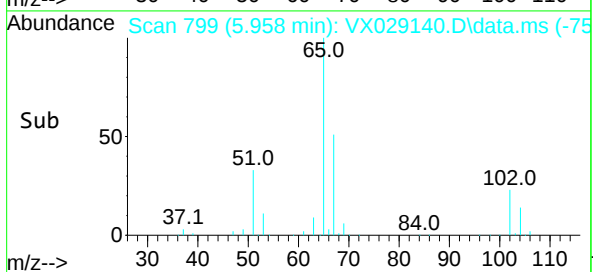
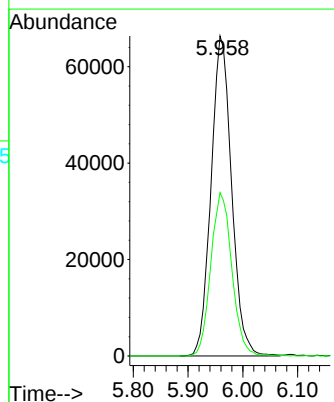
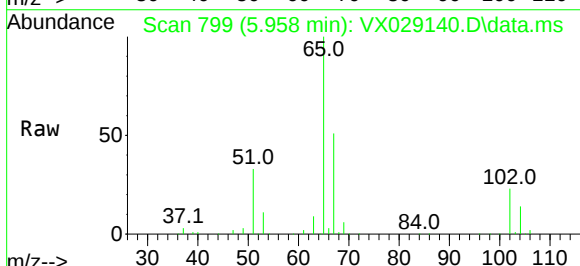
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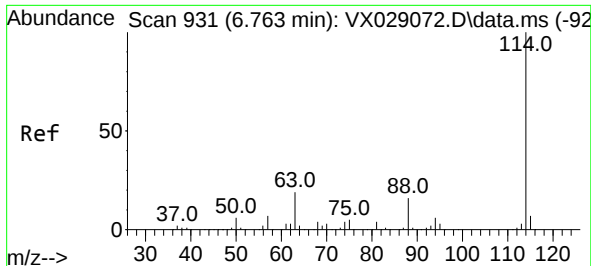
Tgt Ion: 56 Resp: 4968
Ion Ratio Lower Upper
56 100
69 187.0 26.7 40.1#
84 134.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 59.565 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 65 Resp: 172627
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

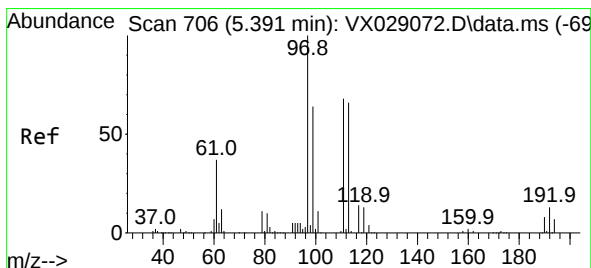
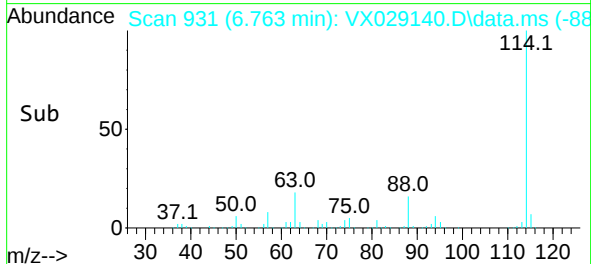
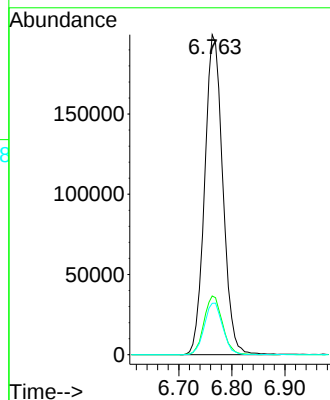
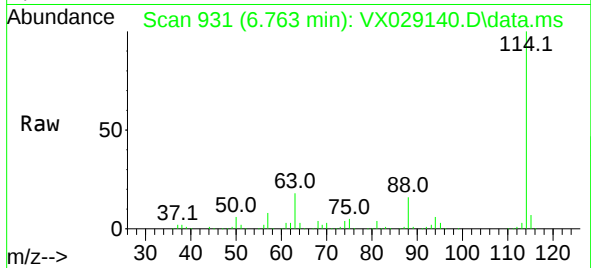




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

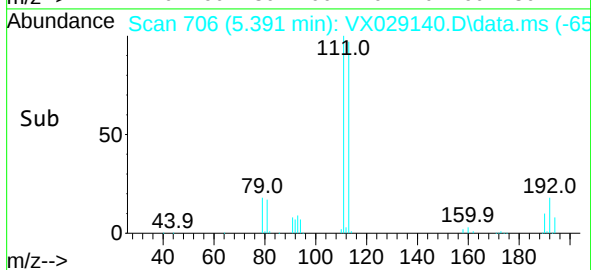
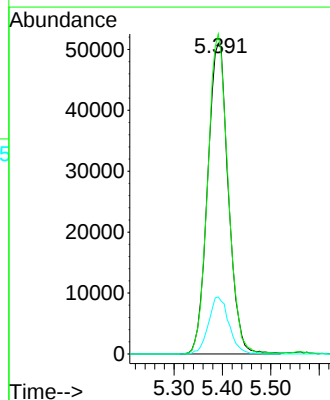
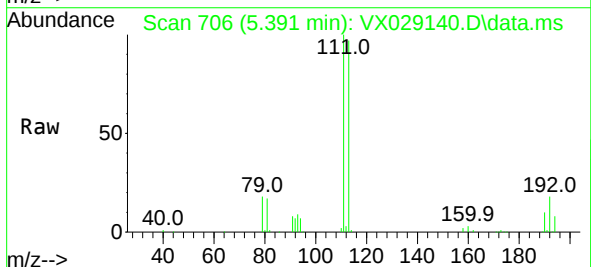
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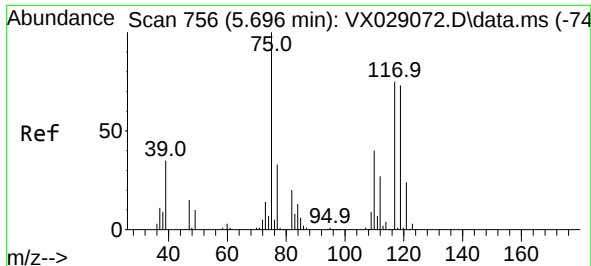
Tgt Ion:114 Resp: 473149
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.231 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion:113 Resp: 151580
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.1 16.9 25.3

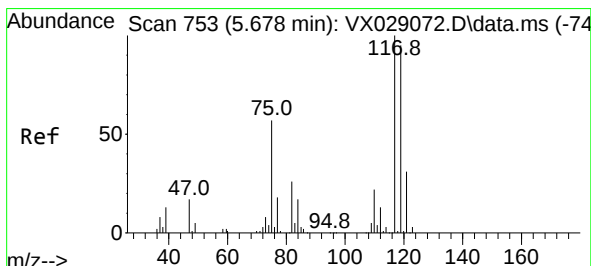
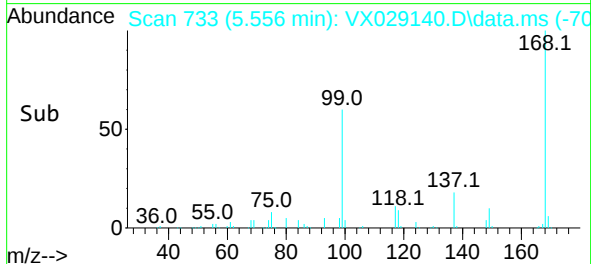
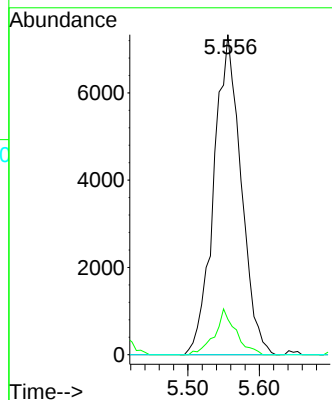
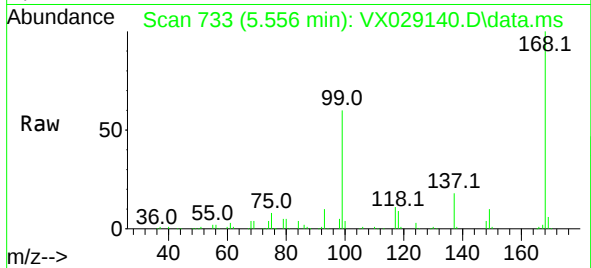




#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

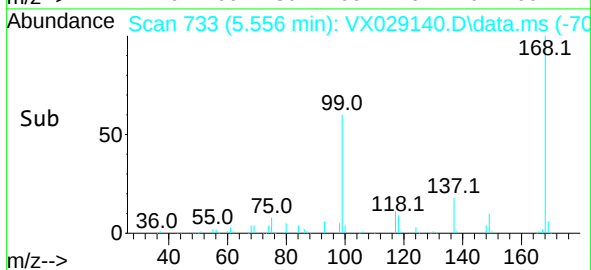
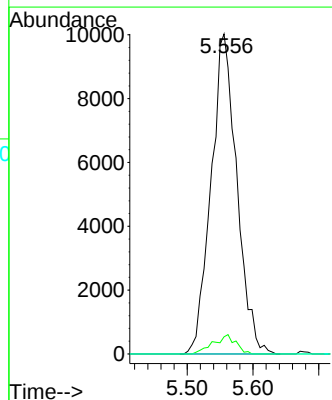
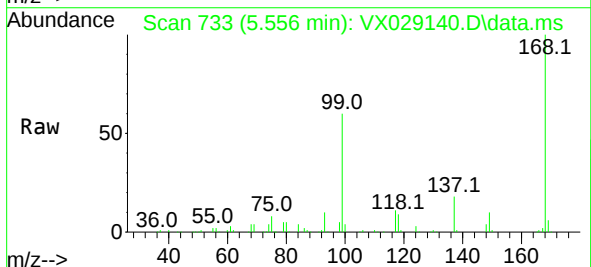
Instrument :
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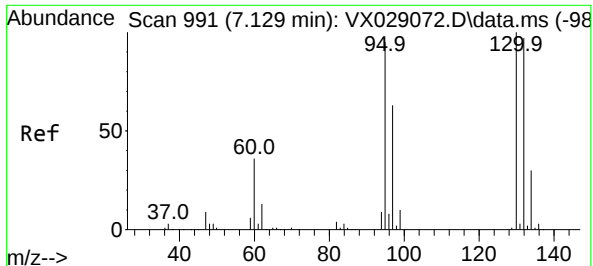
Tgt Ion: 75 Resp: 19410
Ion Ratio Lower Upper
75 100
110 11.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.920 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 117 Resp: 27360
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#

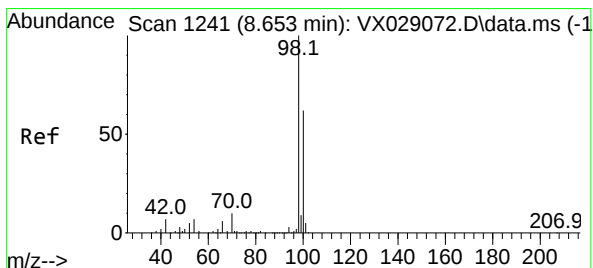
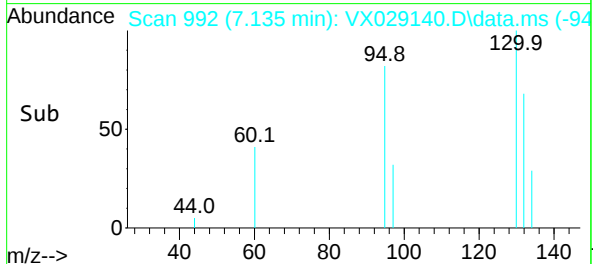
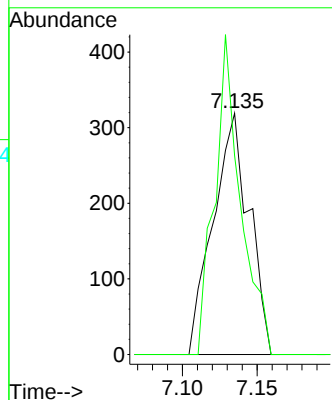
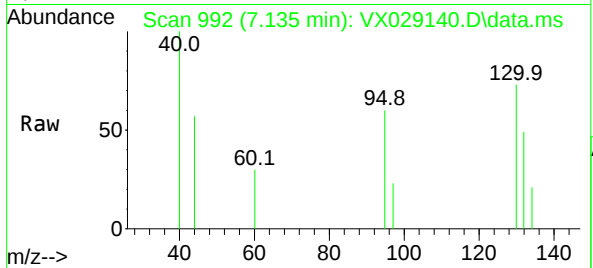




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

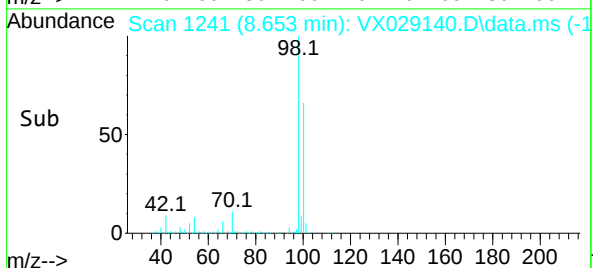
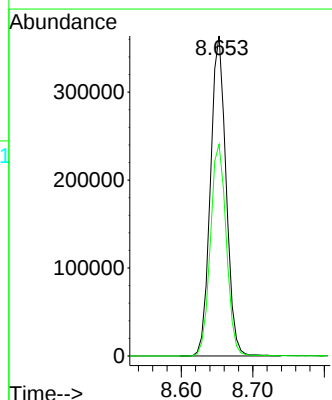
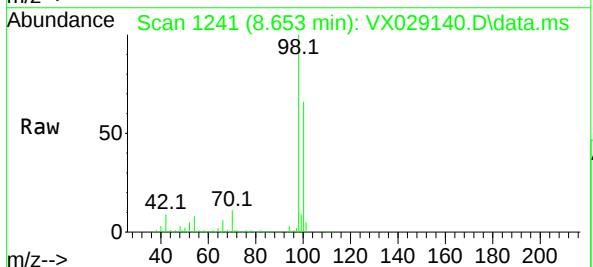
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

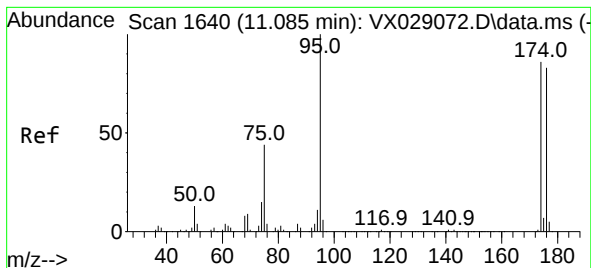
Tgt Ion:130 Resp: 536
Ion Ratio Lower Upper
130 100
95 82.4 0.0 188.8



#50
Toluene-d8
Concen: 48.004 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 98 Resp: 551774
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

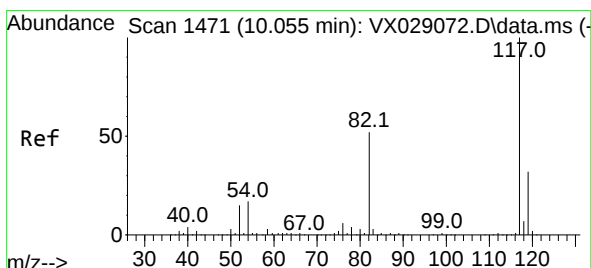
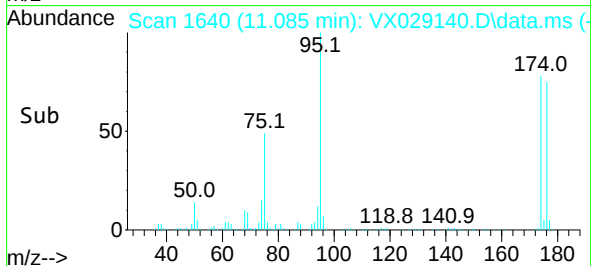
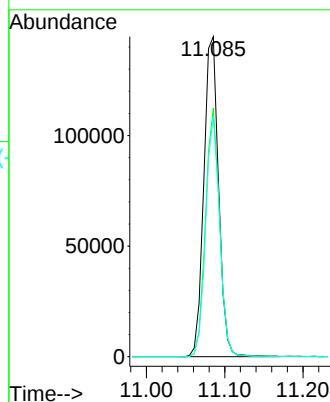
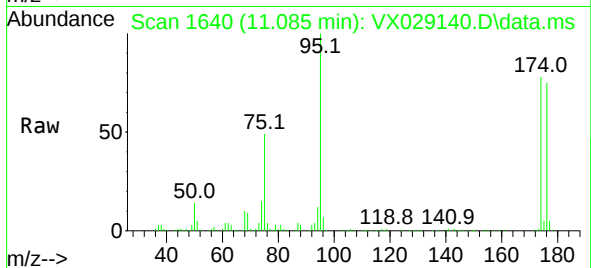




#62
4-Bromofluorobenzene
Concen: 42.541 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

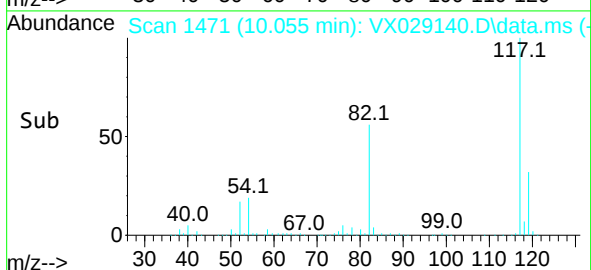
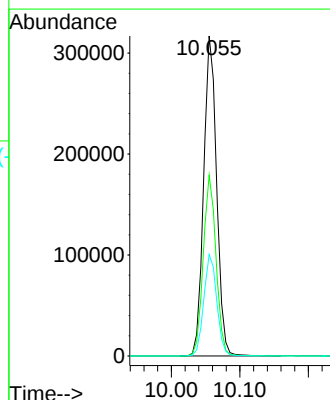
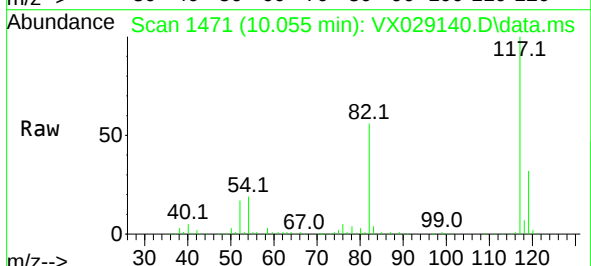
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

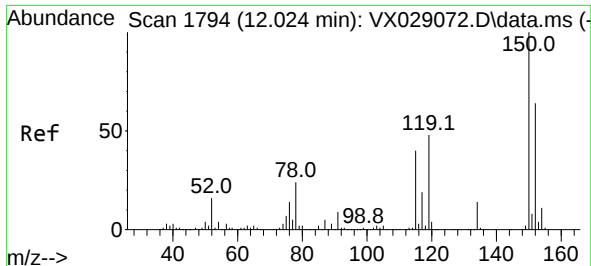
Tgt Ion: 95 Resp: 189018
Ion Ratio Lower Upper
95 100
174 74.2 0.0 163.0
176 71.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 117 Resp: 417937
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.7 24.8 37.2

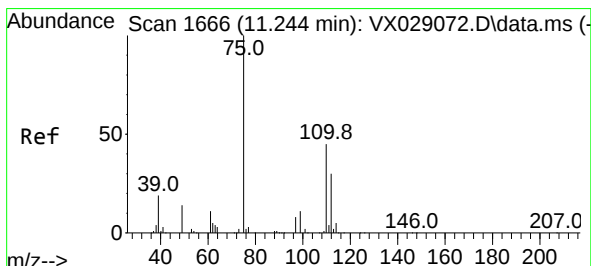
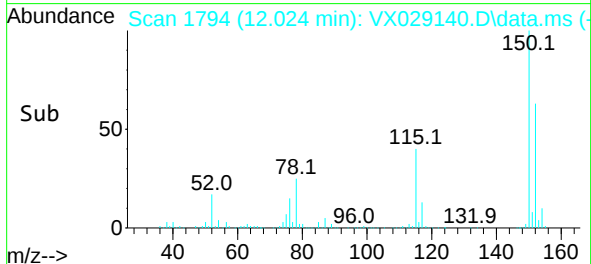
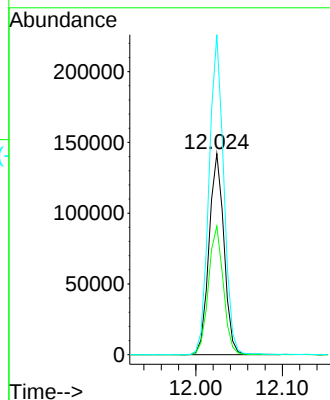
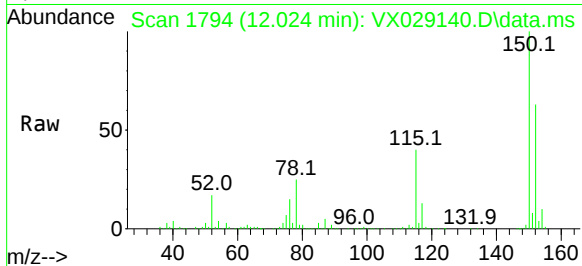




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

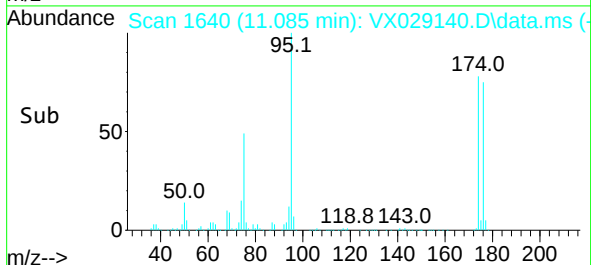
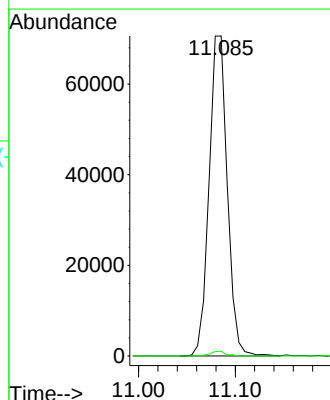
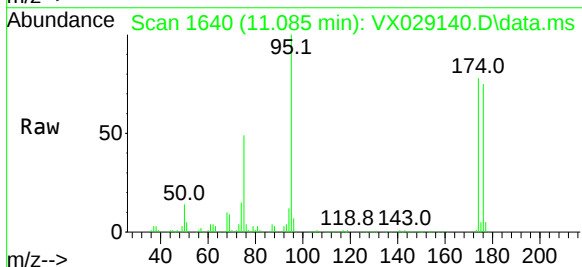
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

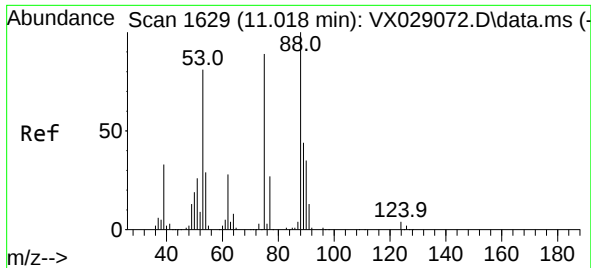
Tgt Ion:152 Resp: 169974
Ion Ratio Lower Upper
152 100
115 63.5 37.5 112.7
150 157.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 26.889 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 75 Resp: 92649
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

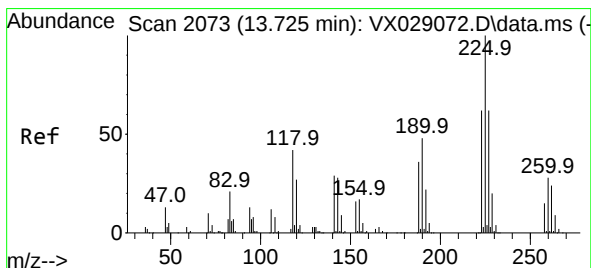
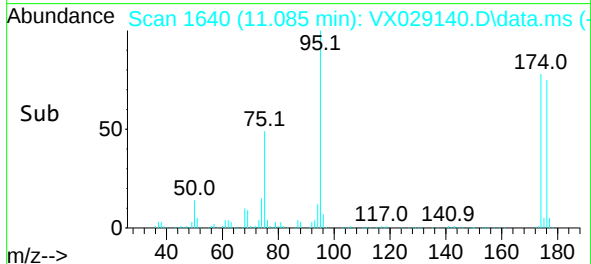
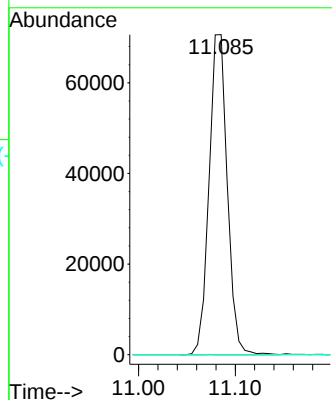
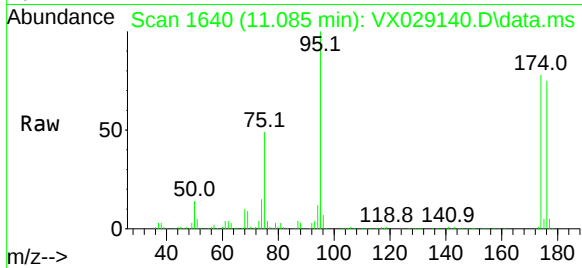




#81
trans-1,4-Dichloro-2-butene
Concen: 78.886 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

Tgt Ion: 75 Resp: 92649
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029140.D
Acq: 02 Jun 2022 17:05

Tgt Ion: 225 Resp: 62
Ion Ratio Lower Upper
225 100
223 211.3 34.2 102.5#
227 0.0 33.9 101.7#

