

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034742.D
 Acq On : 27 Mar 2023 11:34
 Operator : JC/MD
 Sample : 02045-06
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-20230322

Quant Time: Mar 27 16:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

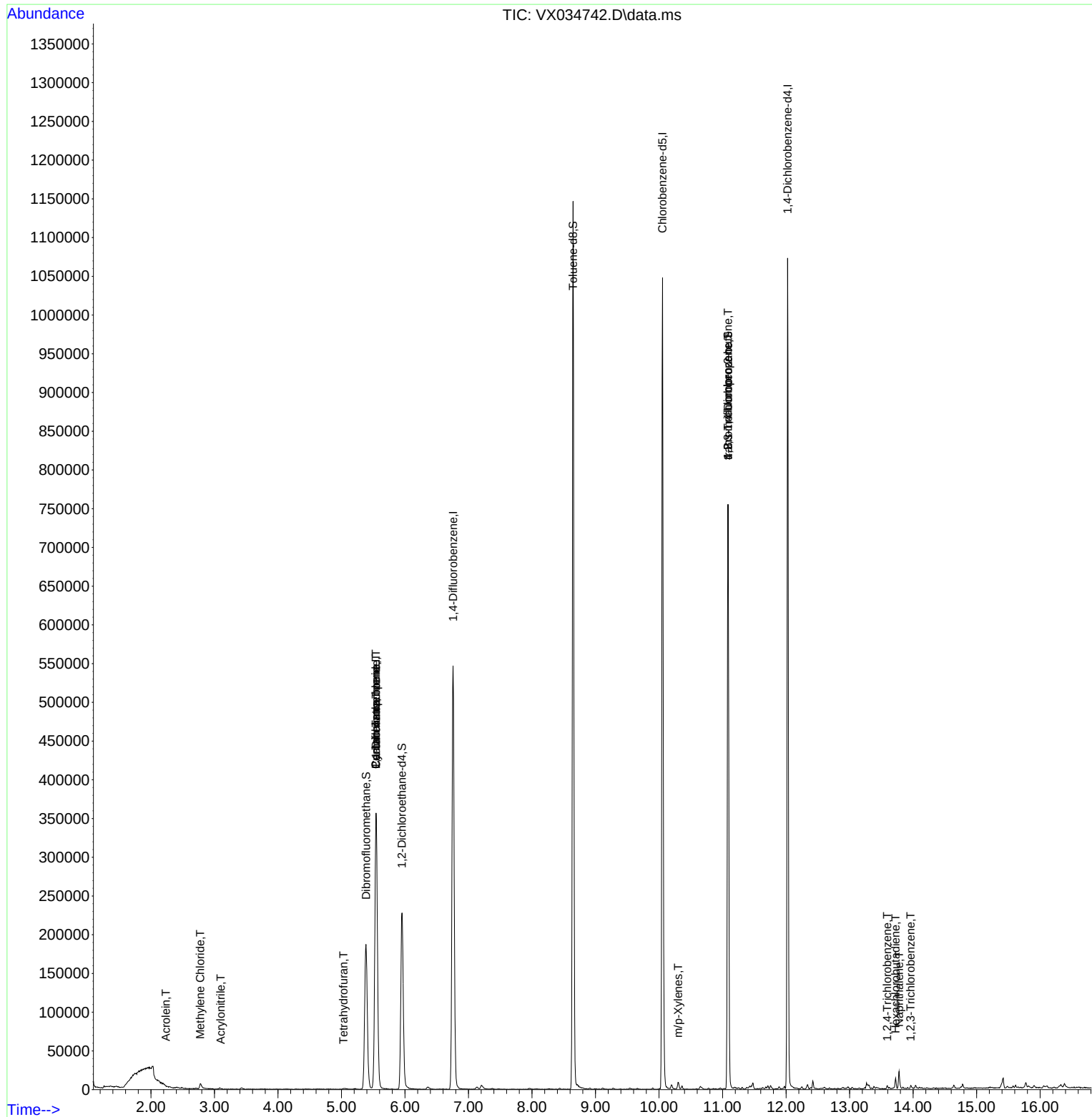
Internal Standards						
1) Pentafluorobenzene	5.544	168	331221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	553744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	229669	47.663	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.320%		
35) Dibromofluoromethane	5.385	113	165245	45.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.400%		
50) Toluene-d8	8.647	98	662820	48.564	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.085	95	248700	45.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	542	Below Cal	#	42
13) Acrolein	2.233	56	313	0.394	ug/l #	14
15) Acrylonitrile	3.099	53	561	0.259	ug/l #	38
20) Methylene Chloride	2.776	84	3947	0.896	ug/l #	91
29) Tetrahydrofuran	5.032	42	795	0.397	ug/l #	85
31) Cyclohexane	5.544	56	7657	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	28172	5.017	ug/l #	51
38) Carbon Tetrachloride	5.544	117	35228	6.306	ug/l #	15
68) m/p-Xylenes	10.299	106	1979	0.265	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	127914	25.005	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	127914	67.645	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	989	0.202	ug/l #	82
94) Hexachlorobutadiene	13.725	225	1779	0.903	ug/l	98
95) Naphthalene	13.780	128	14125	0.861	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1103	0.231	ug/l	100

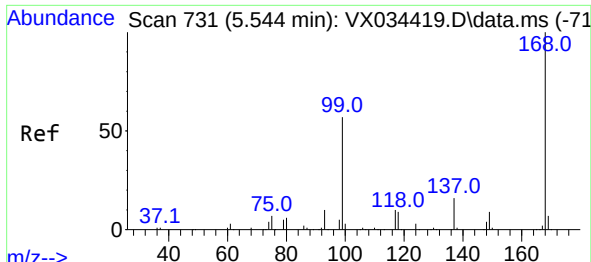
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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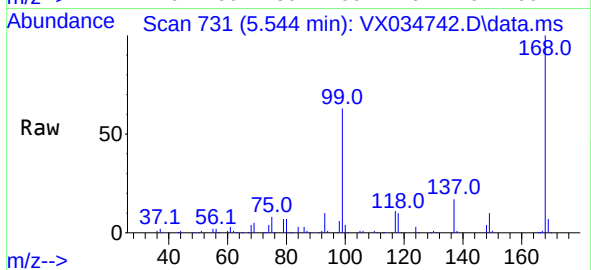
Quant Time: Mar 27 16:07:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



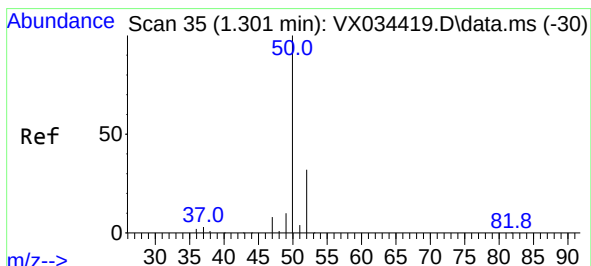
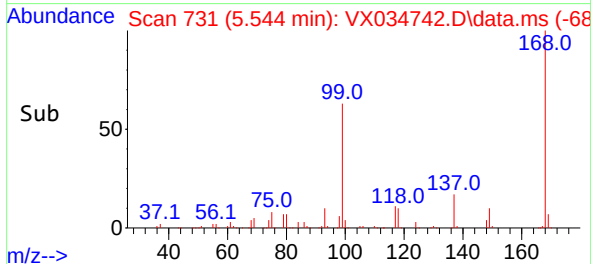
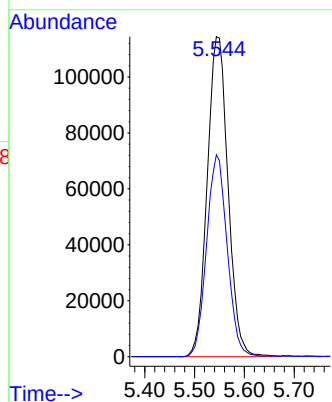


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322

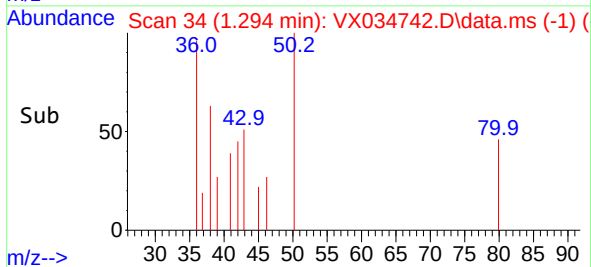
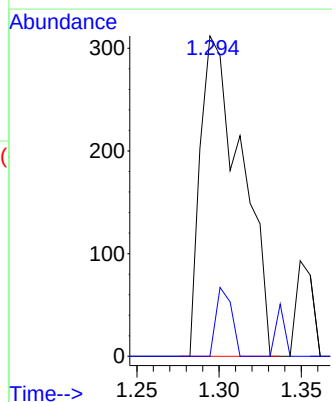
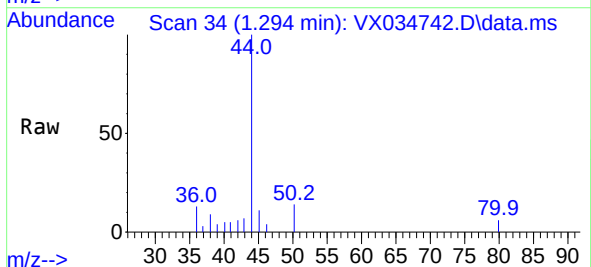


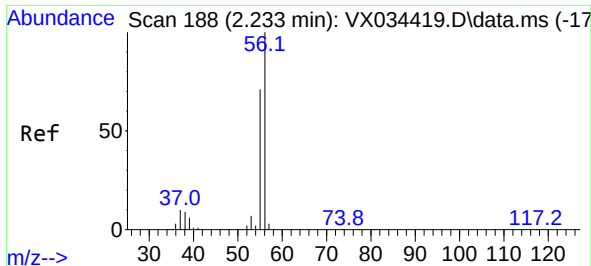
Tgt Ion:168 Resp: 331221
Ion Ratio Lower Upper
168 100
99 63.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9

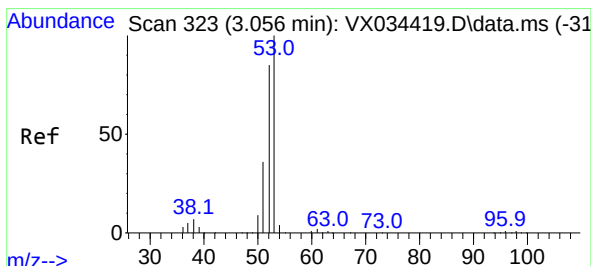
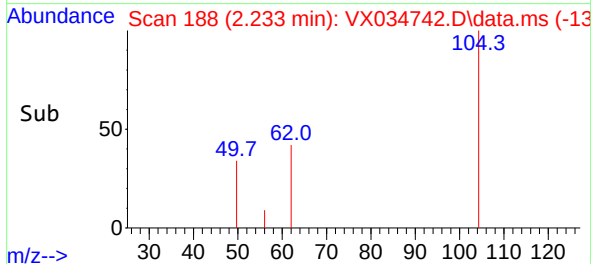
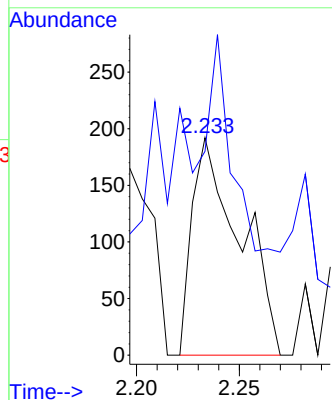
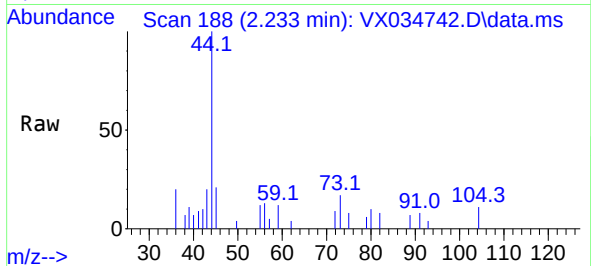




#13
Acrolein
Concen: 0.394 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

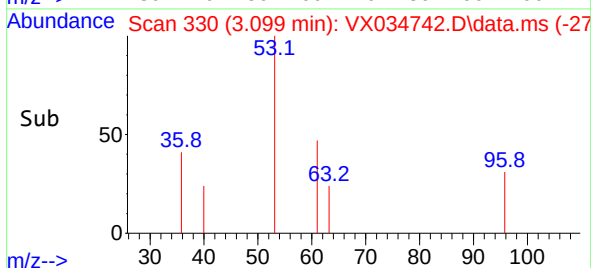
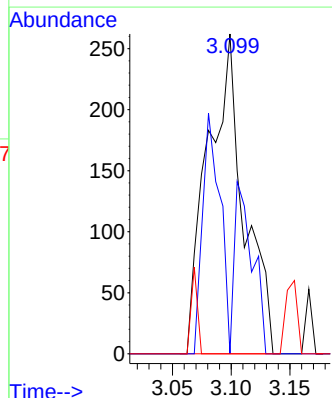
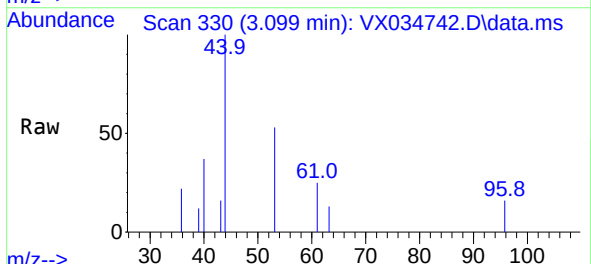
Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322

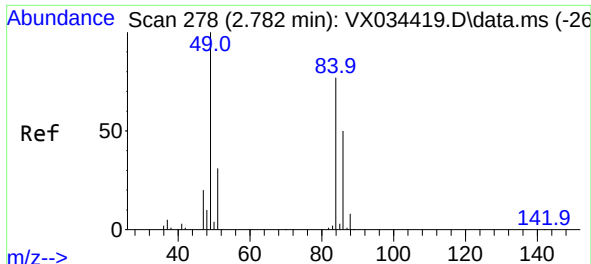
Tgt Ion: 56 Resp: 313
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#15
Acrylonitrile
Concen: 0.259 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.043 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

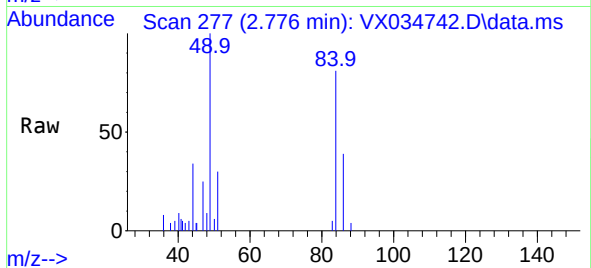
Tgt Ion: 53 Resp: 561
Ion Ratio Lower Upper
53 100
52 26.7 66.2 99.2#
51 0.0 28.3 42.5#





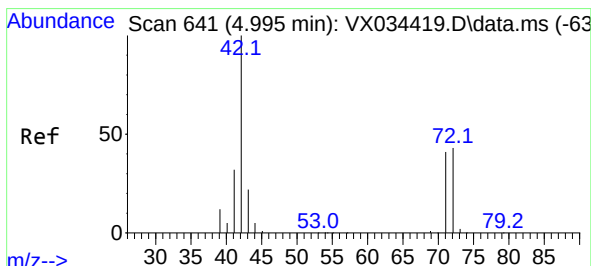
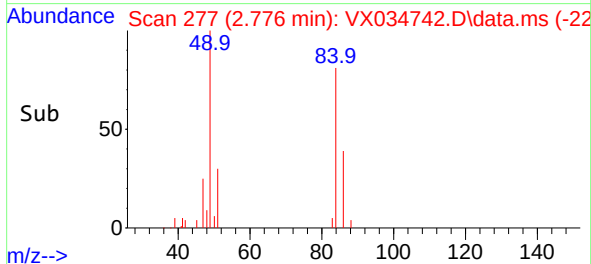
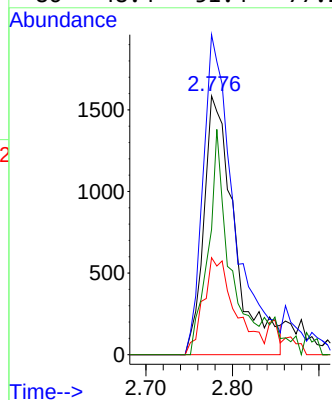
#20
Methylene Chloride
Concen: 0.896 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322



Tgt Ion: 84 Resp: 3947

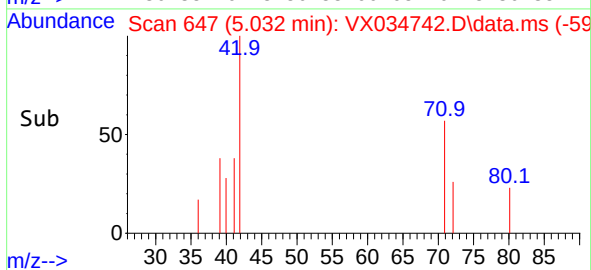
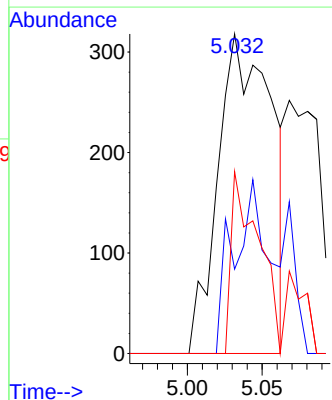
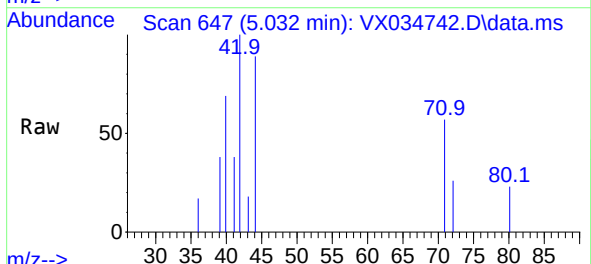
Ion	Ratio	Lower	Upper
84	100		
49	123.7	103.8	155.8
51	37.5	31.8	47.8
86	48.4	51.4	77.2

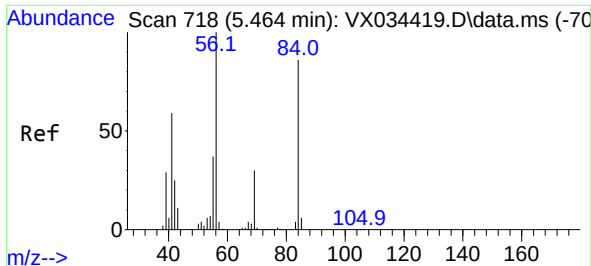


#29
Tetrahydrofuran
Concen: 0.397 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion: 42 Resp: 795

Ion	Ratio	Lower	Upper
42	100		
72	35.7	34.5	51.7
71	29.1	32.1	48.1

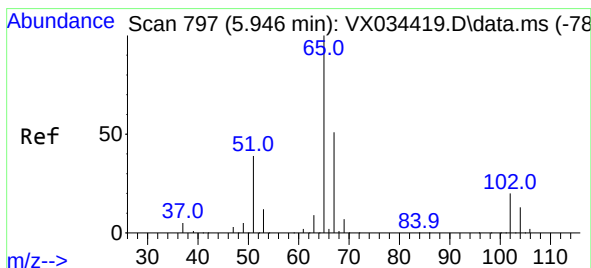
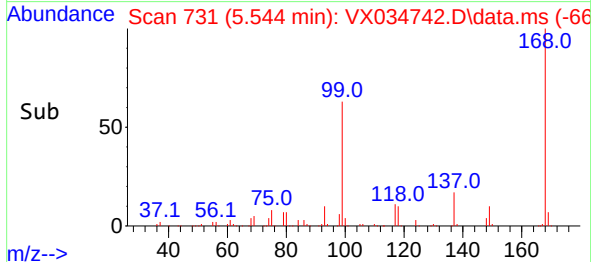
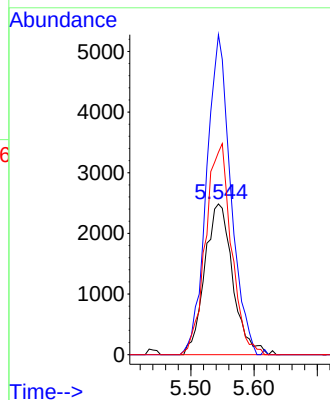
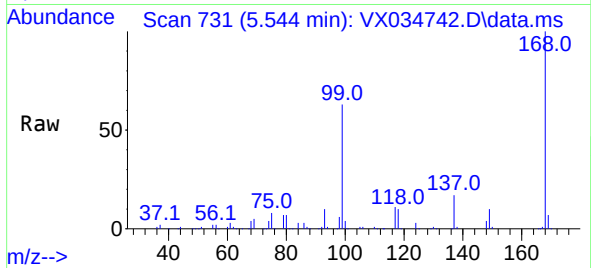




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

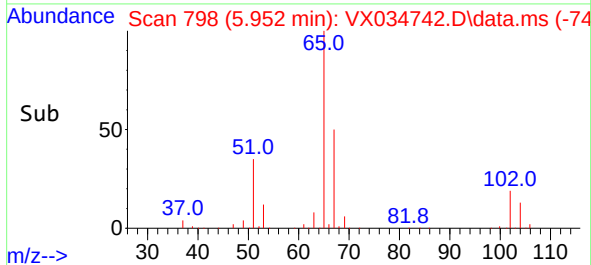
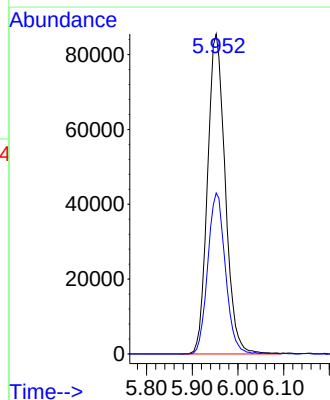
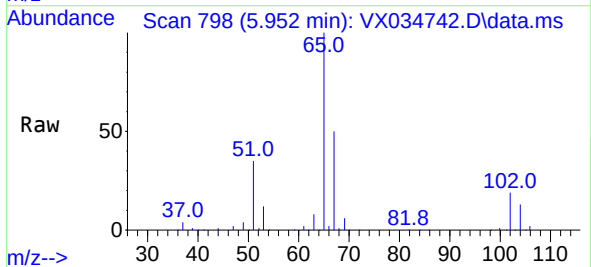
Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322

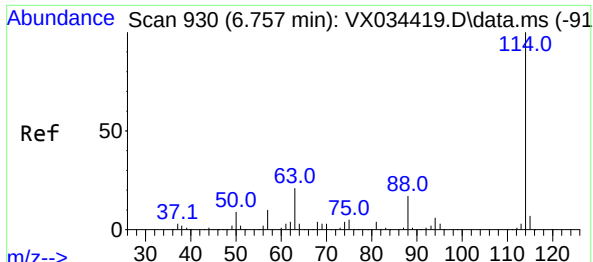
Tgt Ion: 56 Resp: 7657
Ion Ratio Lower Upper
56 100
69 212.2 23.7 35.5#
84 134.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.663 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion: 65 Resp: 229669
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0

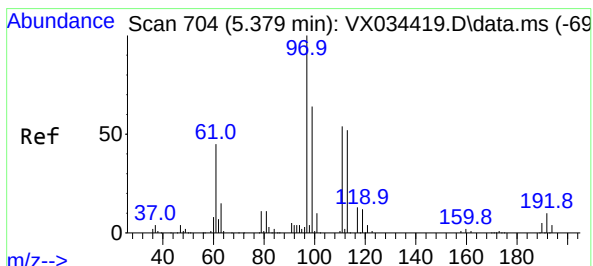
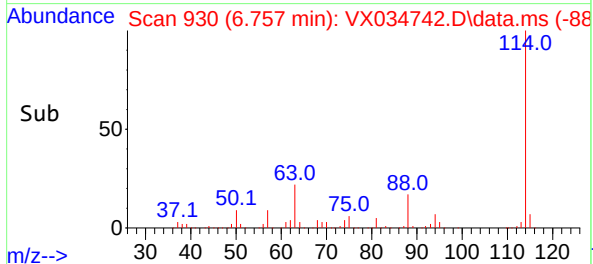
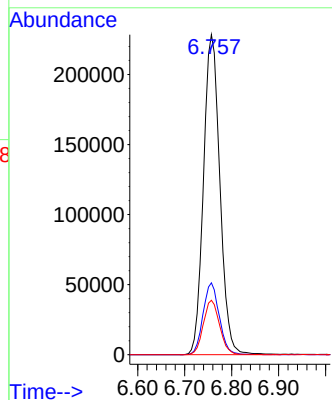
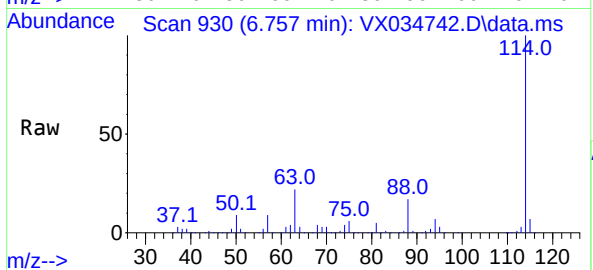




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

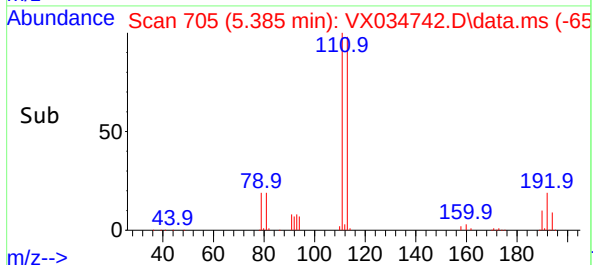
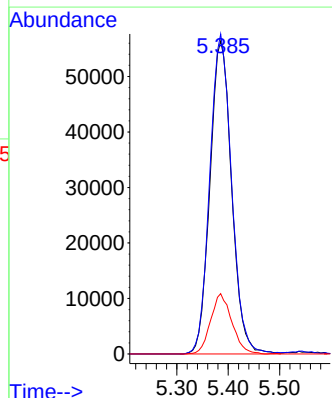
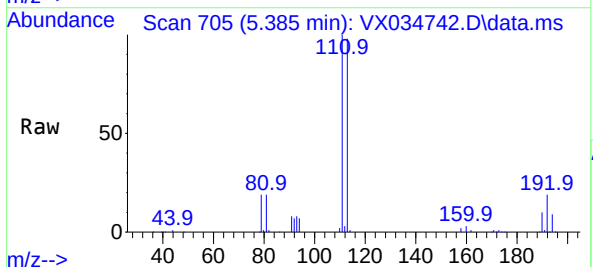
Instrument :
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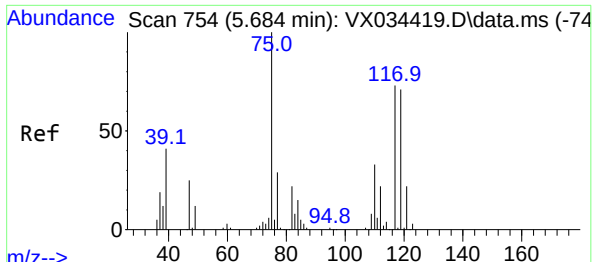
Tgt Ion:114 Resp: 553744
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.197 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion:113 Resp: 165245
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.9 15.4 23.2

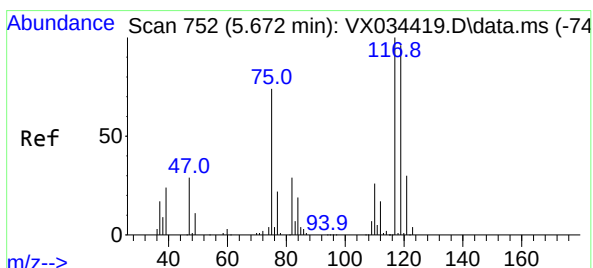
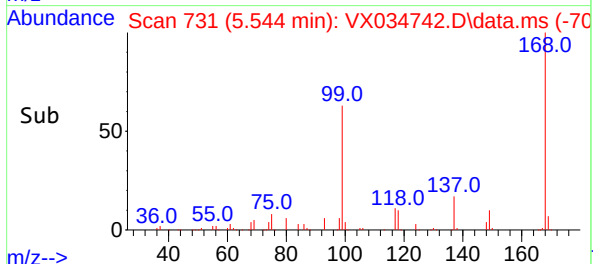
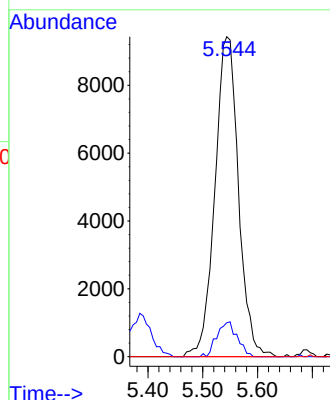
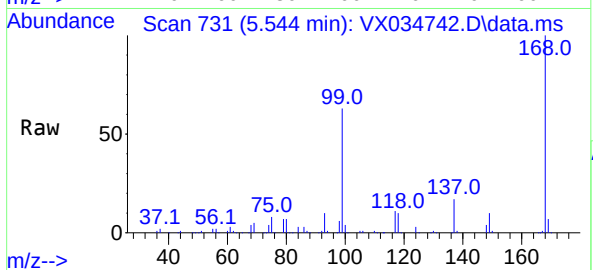




#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

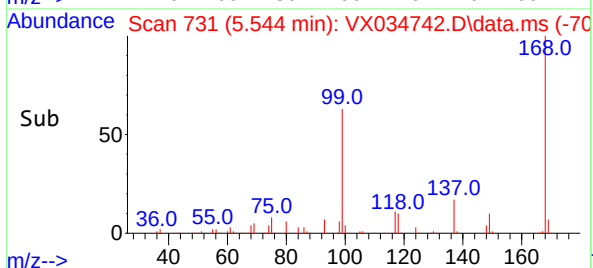
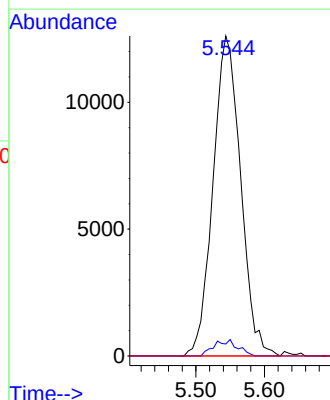
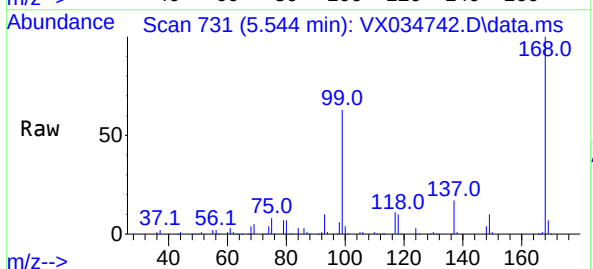
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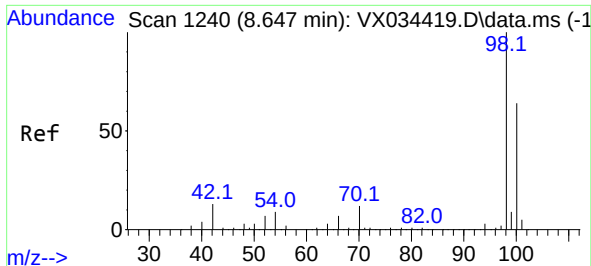
Tgt Ion: 75 Resp: 28172
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion: 117 Resp: 35228
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#

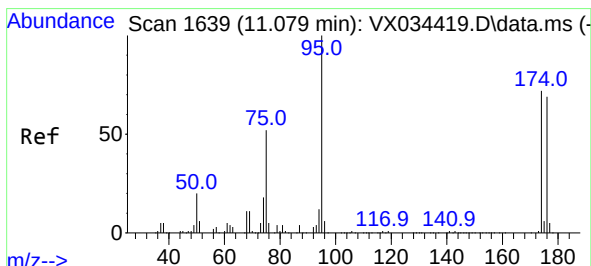
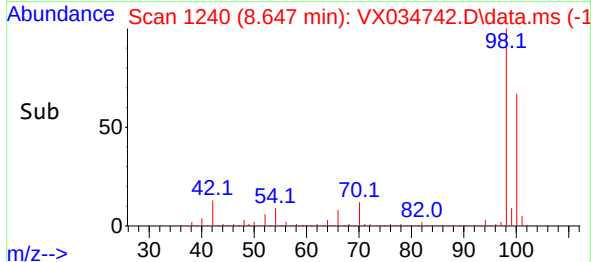
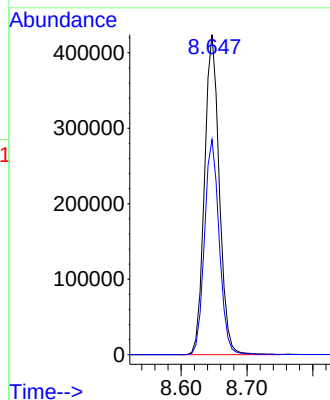
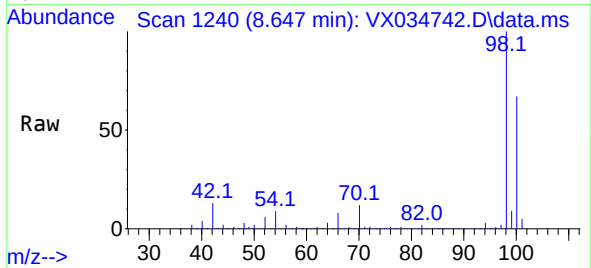




#50
Toluene-d8
Concen: 48.564 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

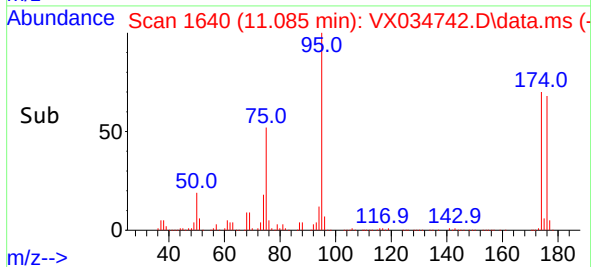
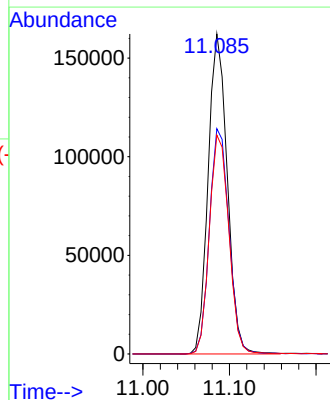
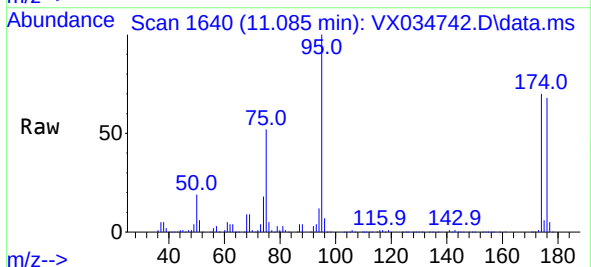
Instrument :
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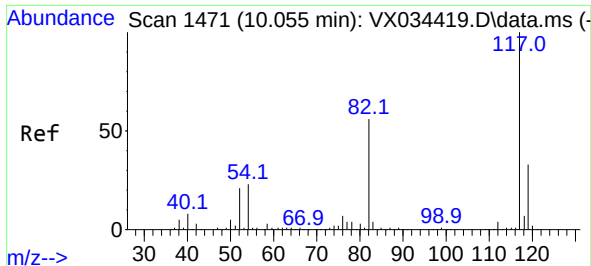
Tgt Ion: 98 Resp: 662820
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.112 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion: 95 Resp: 248700
Ion Ratio Lower Upper
95 100
174 71.9 0.0 147.4
176 69.9 0.0 140.6

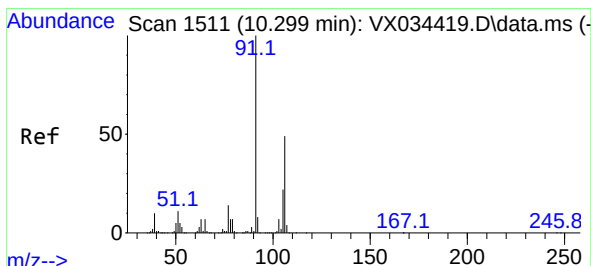
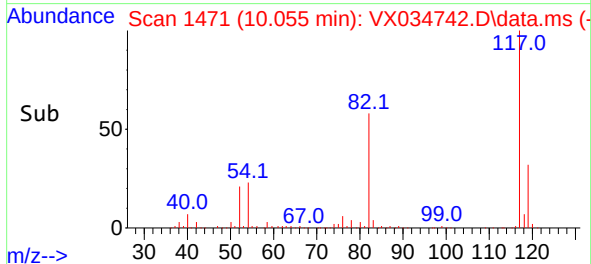
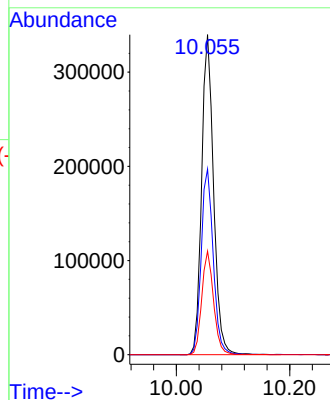
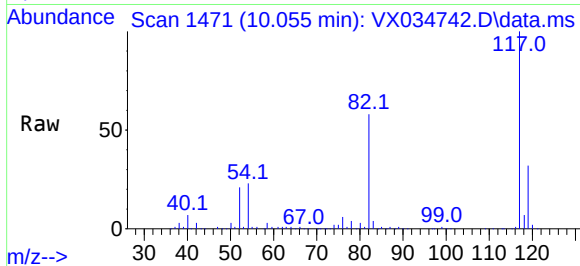




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

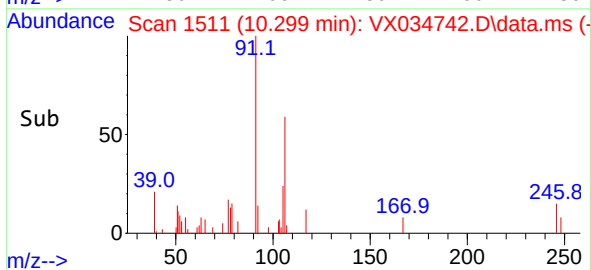
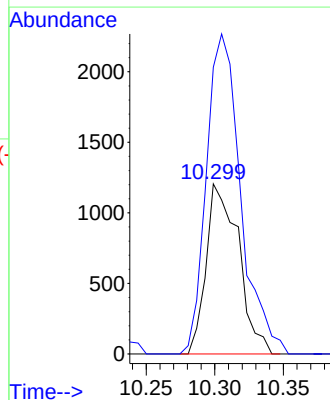
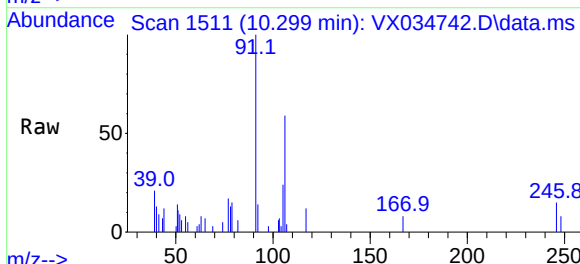
Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322

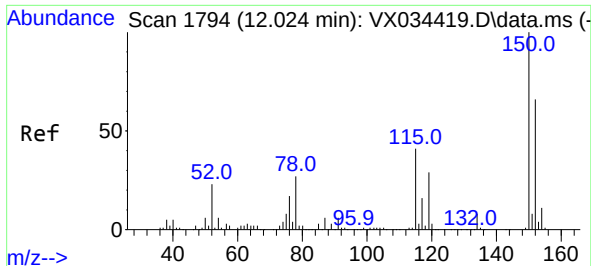
Tgt Ion:117 Resp: 495461
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.4 26.0 39.0



#68
m/p-Xylenes
Concen: 0.265 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion:106 Resp: 1979
Ion Ratio Lower Upper
106 100
91 199.8 164.0 246.0

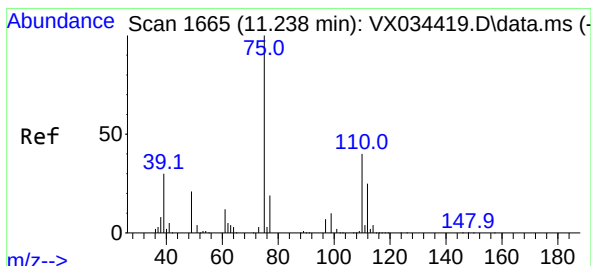
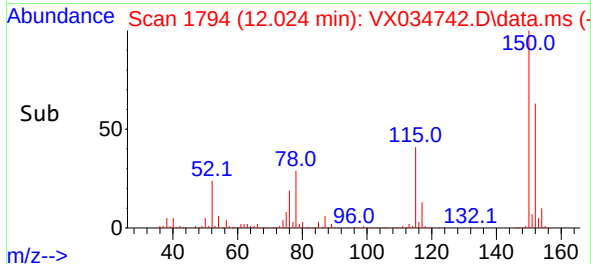
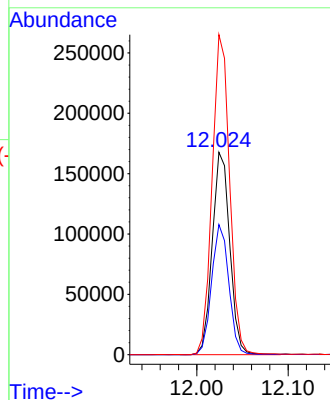
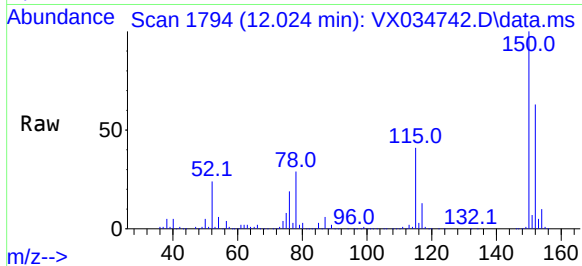




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

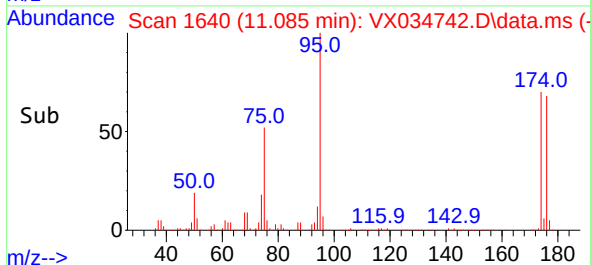
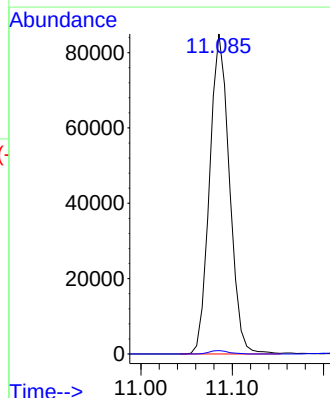
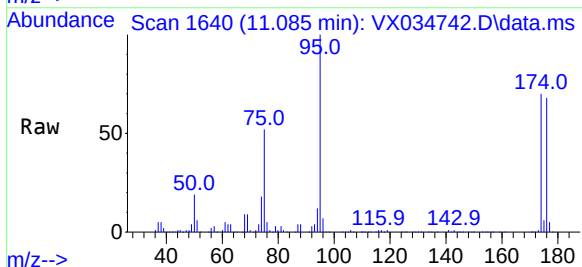
Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322

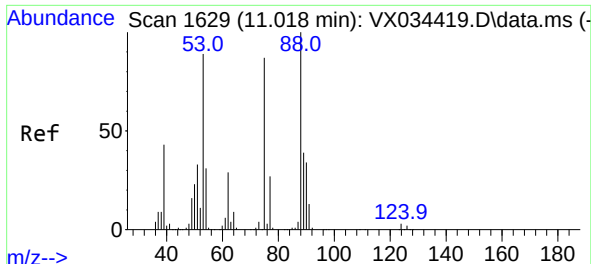
Tgt Ion:152 Resp: 222795
Ion Ratio Lower Upper
152 100
115 63.4 45.0 135.0
150 157.5 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.005 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion: 75 Resp: 127914
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#

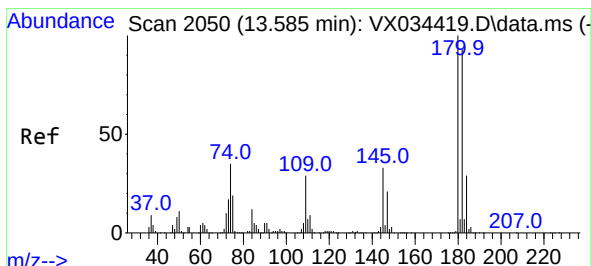
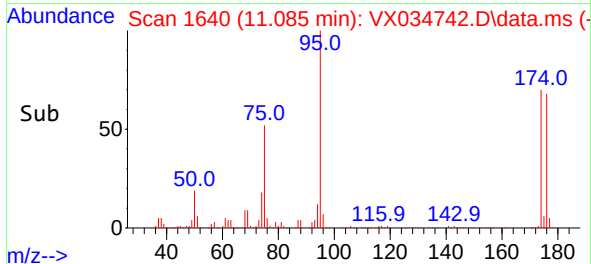
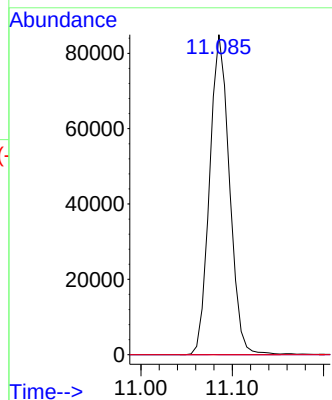
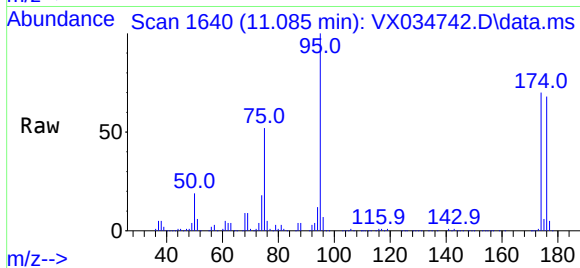




#81
trans-1,4-Dichloro-2-butene
Concen: 67.645 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

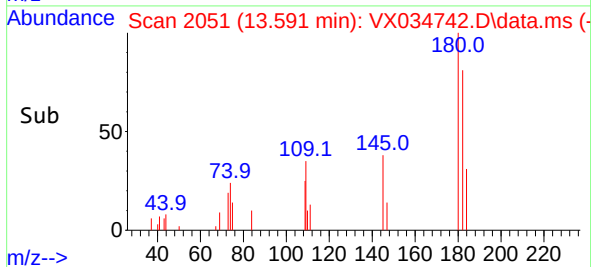
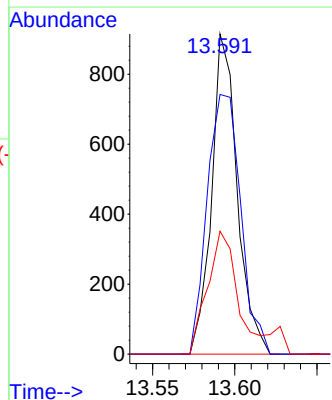
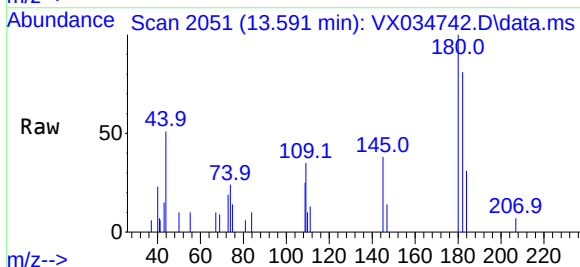
Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322

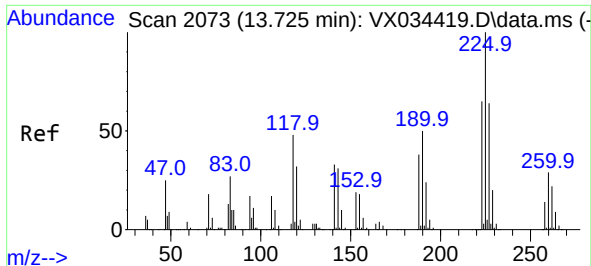
Tgt Ion: 75 Resp: 127914
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.202 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

Tgt Ion:180 Resp: 989
Ion Ratio Lower Upper
180 100
182 106.6 47.0 141.0
145 49.9 15.9 47.7#

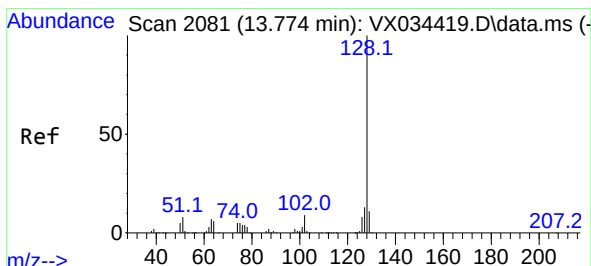
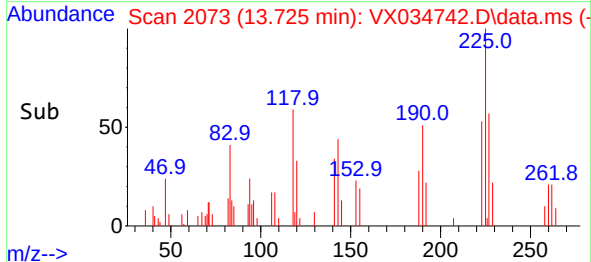
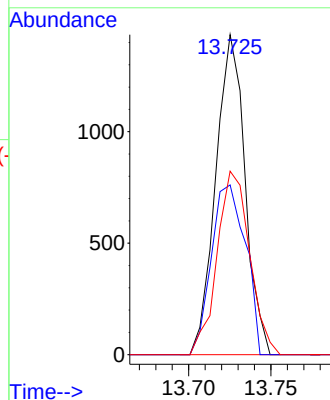
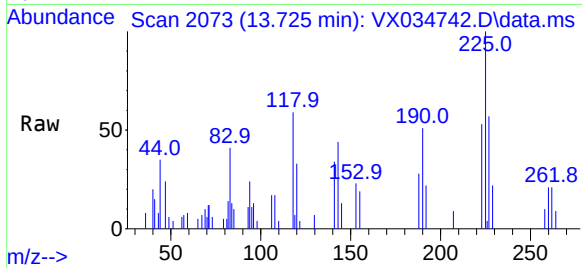




#94
Hexachlorobutadiene
Concen: 0.903 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

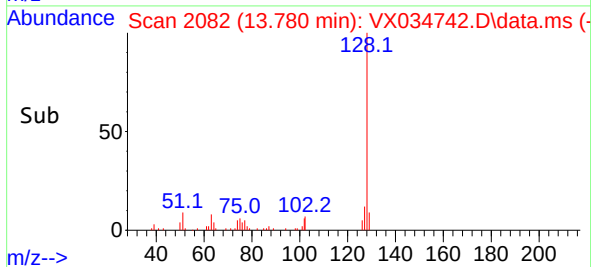
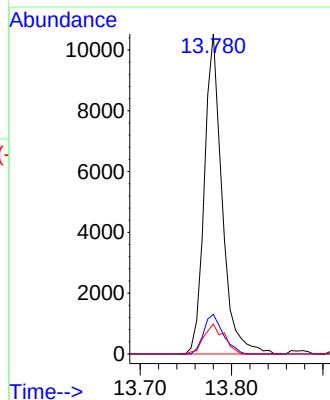
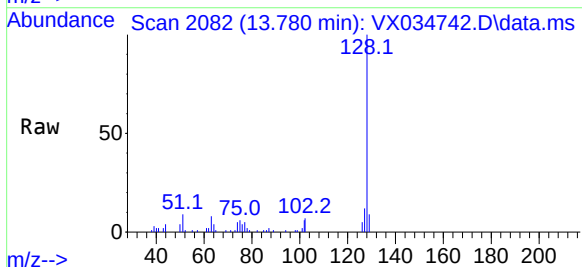
Instrument :
MSVOA_X
ClientSampleId :
WC1-20230322

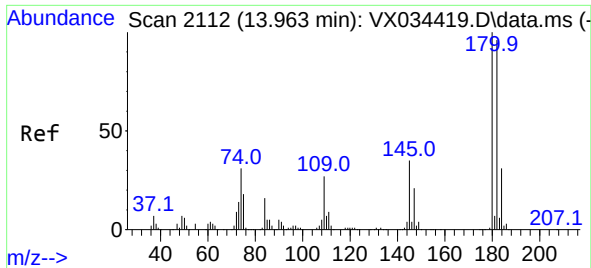
Tgt Ion:225 Resp: 1779
Ion Ratio Lower Upper
225 100
223 61.7 32.1 96.5
227 63.7 31.8 95.4



#95
Naphthalene
Concen: 0.861 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034742.D
Acq: 27 Mar 2023 11:34

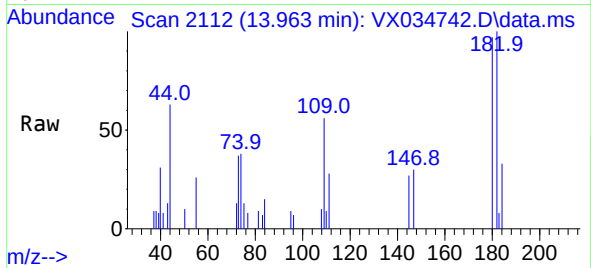
Tgt Ion:128 Resp: 14125
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 10.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.231 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX034742.D
 Acq: 27 Mar 2023 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-20230322



Tgt Ion:	180	Resp:	1103
Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.2
145	34.8	17.7	53.1

