

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034662.D
 Acq On : 22 Mar 2023 09:48
 Operator : JC/MD
 Sample : VX0322MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322MBL01

Quant Time: Mar 23 07:51:46 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)

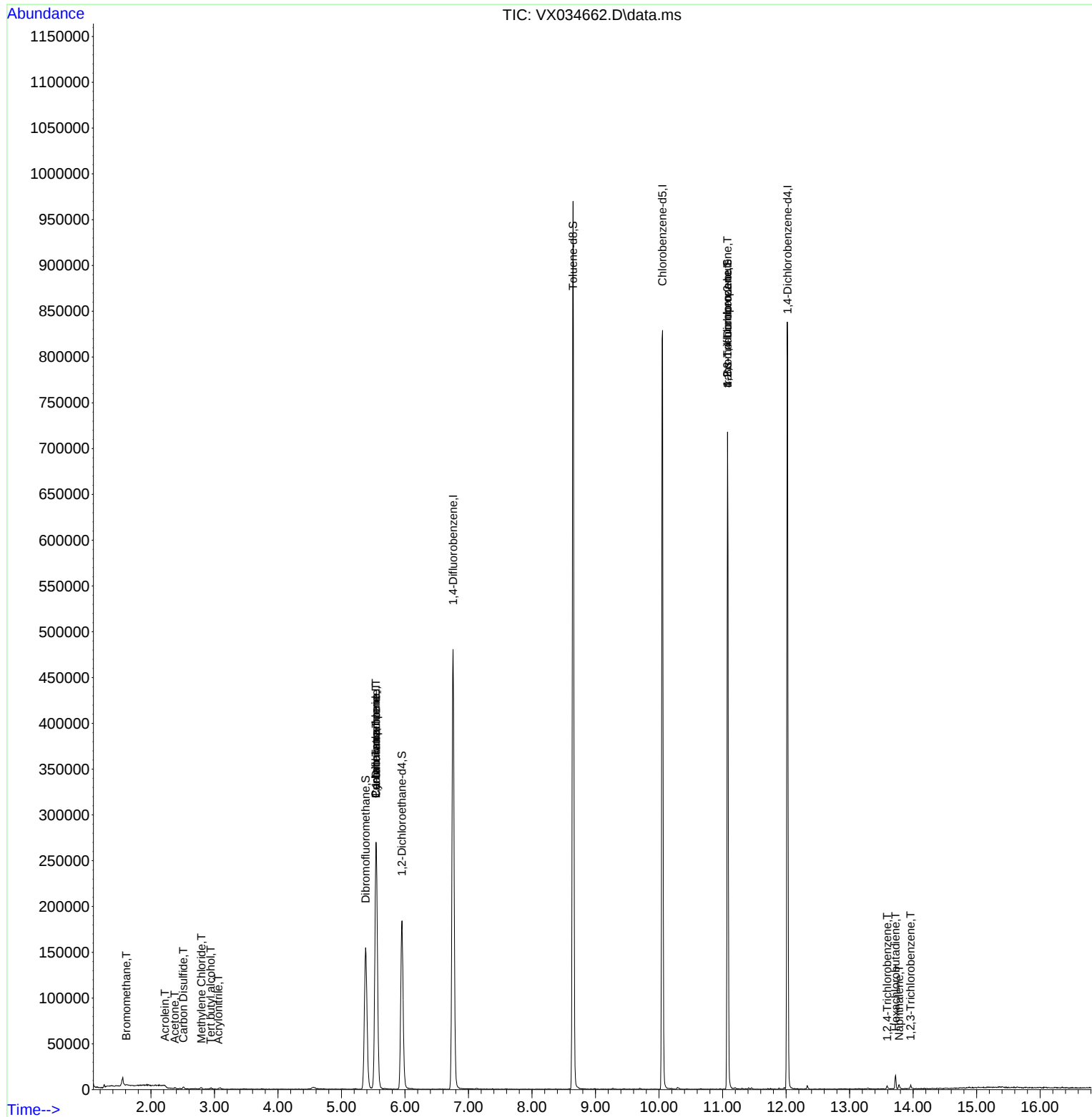
Internal Standards						
1) Pentafluorobenzene	5.544	168	252729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	465813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174057	47.341	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.680%
35) Dibromofluoromethane	5.379	113	132795	43.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.360%
50) Toluene-d8	8.647	98	559591	48.740	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	182131	39.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.540%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	516	Below Cal	#	81
5) Bromomethane	1.611	94	341	0.211	ug/l #	72
11) Tert butyl alcohol	2.940	59	877	1.145	ug/l #	73
13) Acrolein	2.221	56	380	0.627	ug/l #	13
15) Acrylonitrile	3.062	53	712	0.430	ug/l #	81
16) Acetone	2.373	43	952	0.550	ug/l #	72
17) Carbon Disulfide	2.508	76	2583	0.332	ug/l	96
20) Methylene Chloride	2.794	84	744	0.221	ug/l #	70
31) Cyclohexane	5.544	56	6376	1.237	ug/l #	6
36) 1,1-Dichloropropene	5.544	75	21876	4.631	ug/l #	48
38) Carbon Tetrachloride	5.544	117	26682	5.678	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	98092	25.582	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	98092	69.207	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	859	0.234	ug/l	90
94) Hexachlorobutadiene	13.725	225	1746	1.182	ug/l	87
95) Naphthalene	13.780	128	2786	0.227	ug/l #	97
96) 1,2,3-Trichlorobenzene	13.963	180	971	0.271	ug/l	96

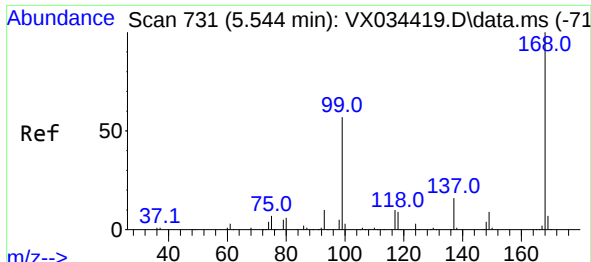
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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VX0322MBL01

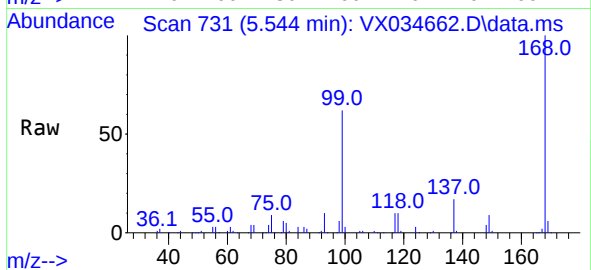
Quant Time: Mar 23 07:51:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



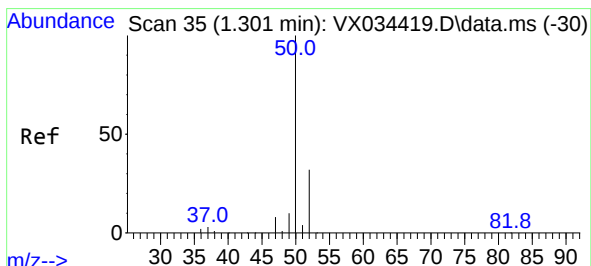
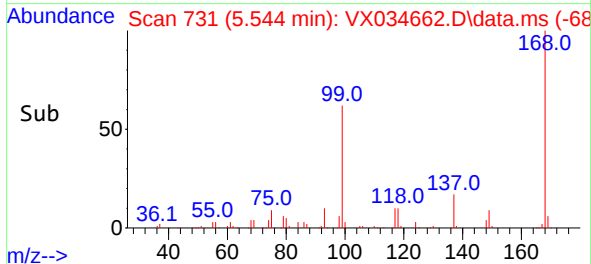
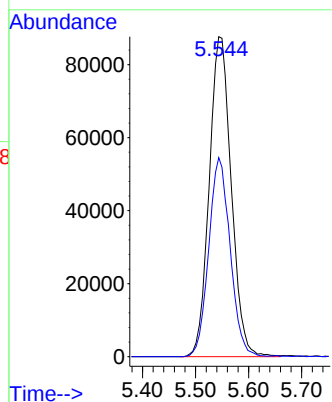


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

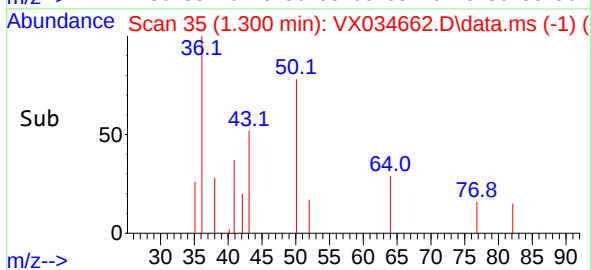
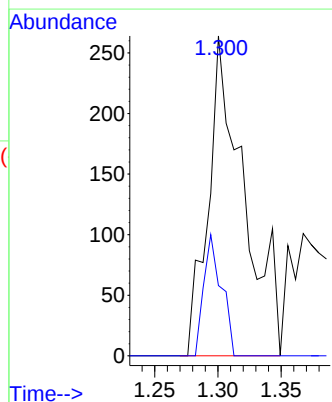
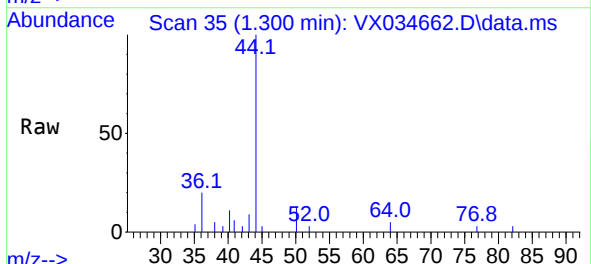


Tgt Ion:168 Resp: 252729
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5

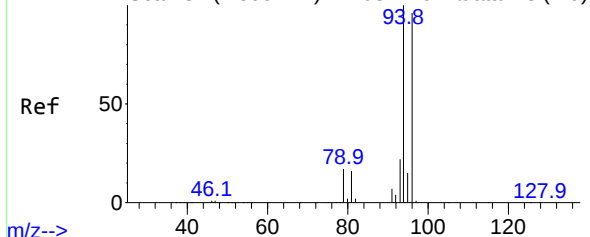


#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 22.0 25.9 38.9#



Abundance Scan 84 (1.599 min): VX034419.D\data.ms (-79)

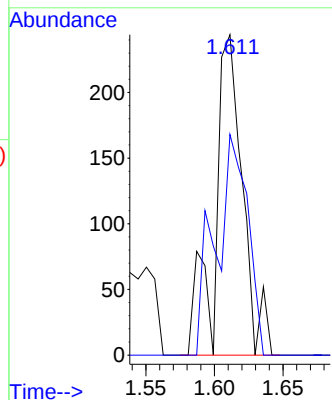
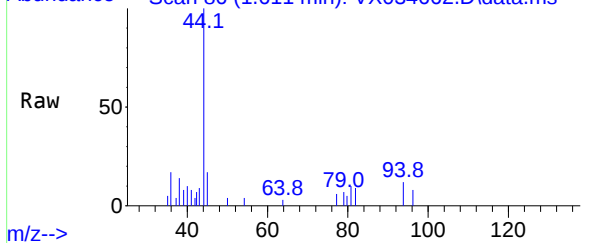


#5
Bromomethane
Concen: 0.211 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

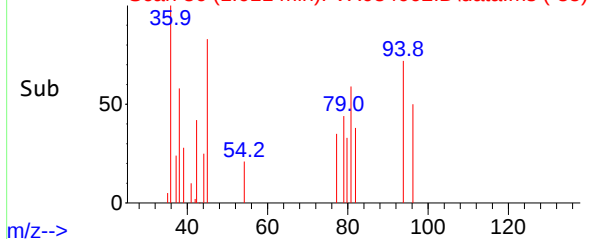
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 68.9 77.0 115.6#

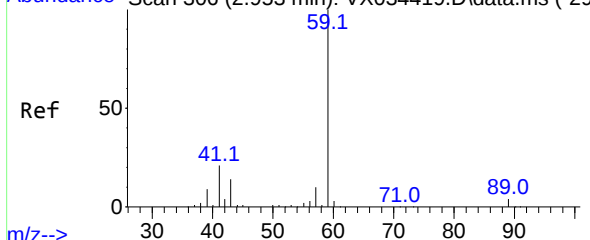
Abundance Scan 86 (1.611 min): VX034662.D\data.ms



Abundance Scan 86 (1.611 min): VX034662.D\data.ms (-35)



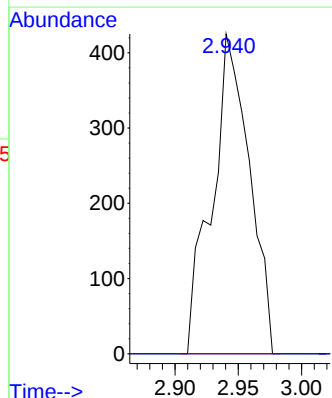
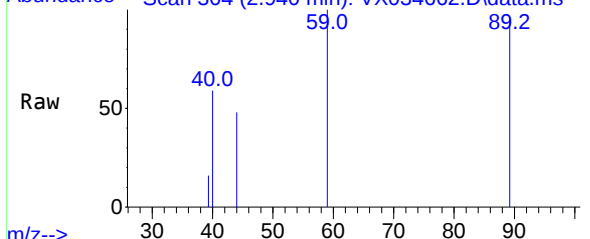
Abundance Scan 306 (2.953 min): VX034419.D\data.ms (-29)



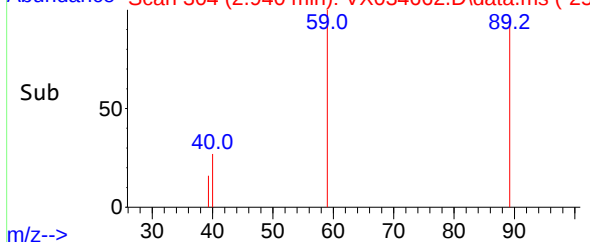
#11
Tert butyl alcohol
Concen: 1.145 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

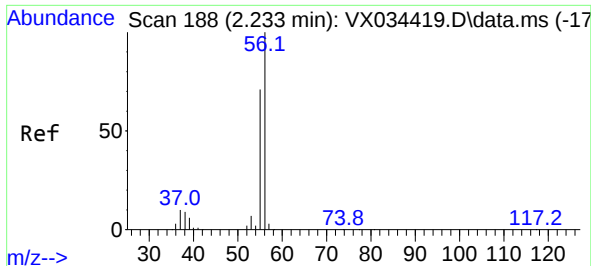
Tgt Ion: 59 Resp: 877
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

Abundance Scan 304 (2.940 min): VX034662.D\data.ms



Abundance Scan 304 (2.940 min): VX034662.D\data.ms (-25)

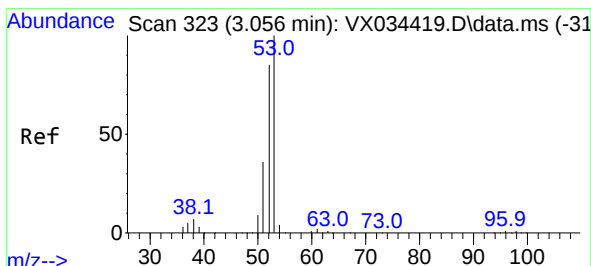
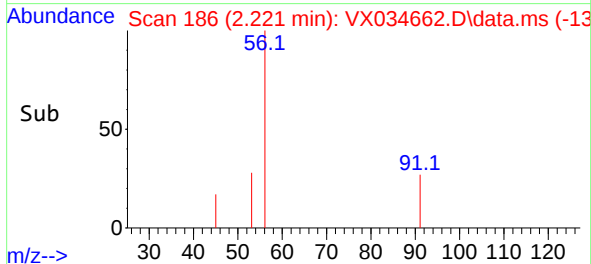
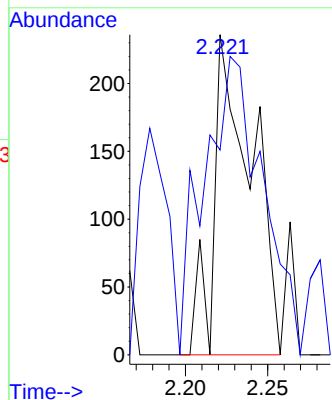
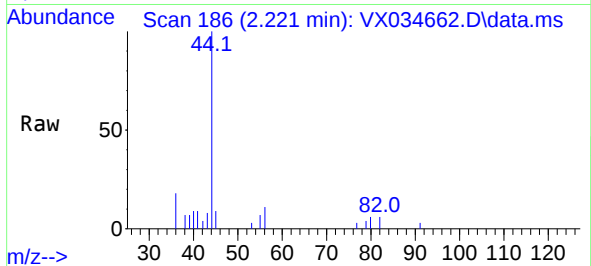




#13
Acrolein
Concen: 0.627 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

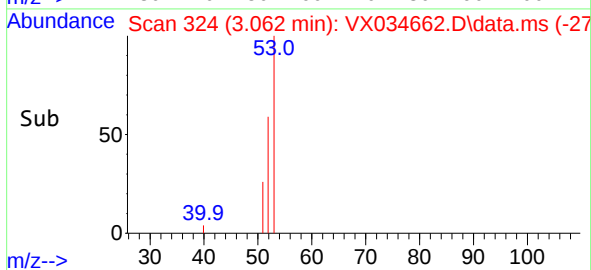
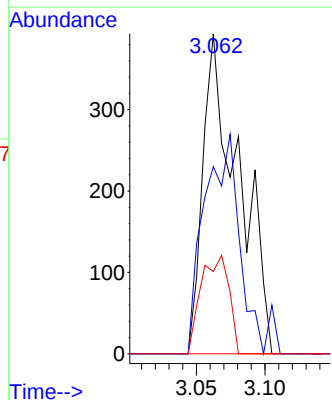
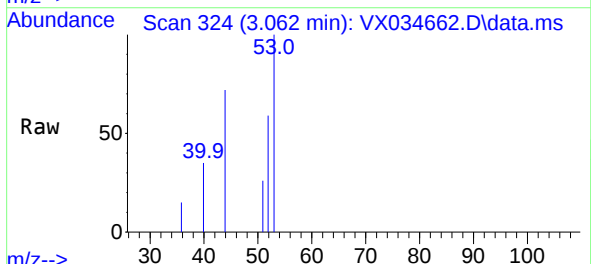
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

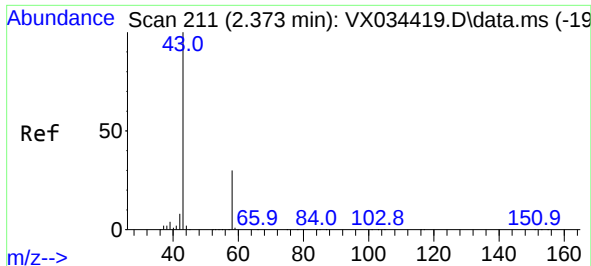
Tgt Ion: 56 Resp: 380
Ion Ratio Lower Upper
56 100
55 142.6 56.6 85.0#



#15
Acrylonitrile
Concen: 0.430 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 53 Resp: 712
Ion Ratio Lower Upper
53 100
52 66.3 66.2 99.2
51 23.9 28.3 42.5#

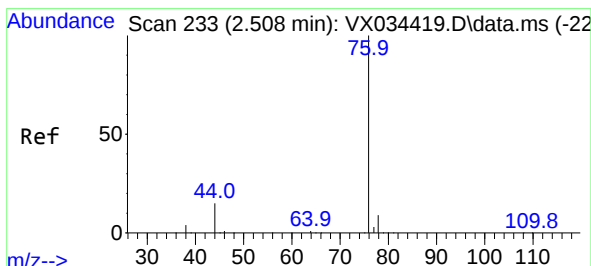
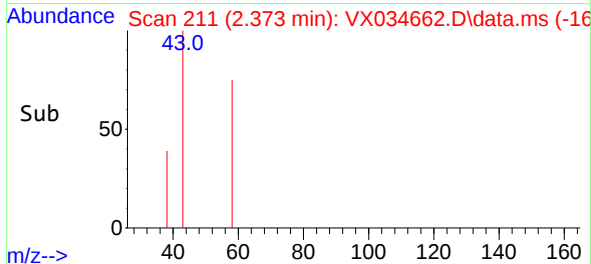
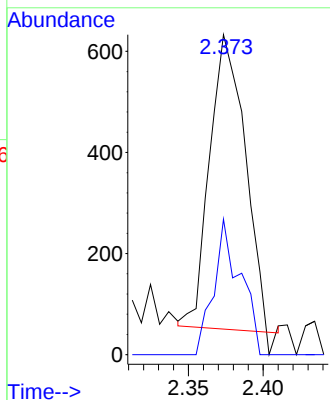
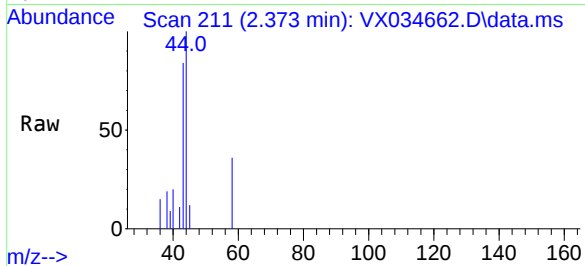




#16
Acetone
Concen: 0.550 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

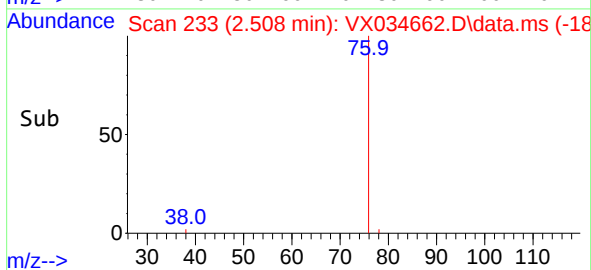
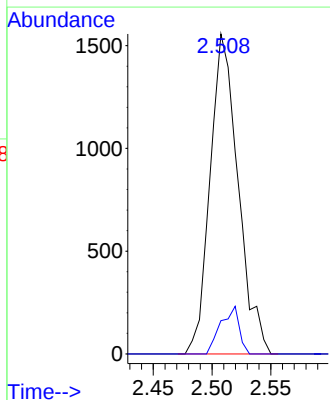
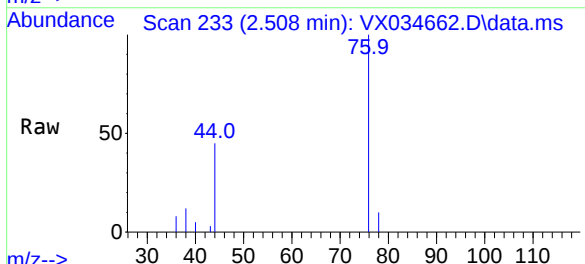
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

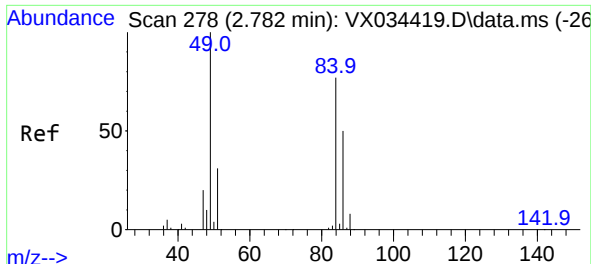
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 46.5 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.332 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

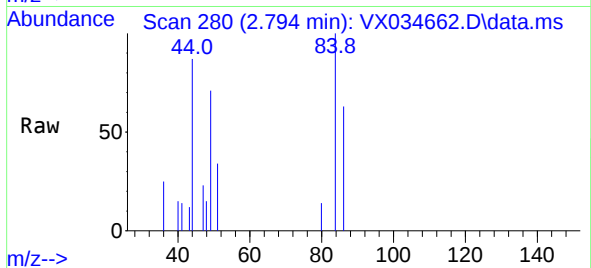
Tgt Ion: 76 Resp: 2583
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8





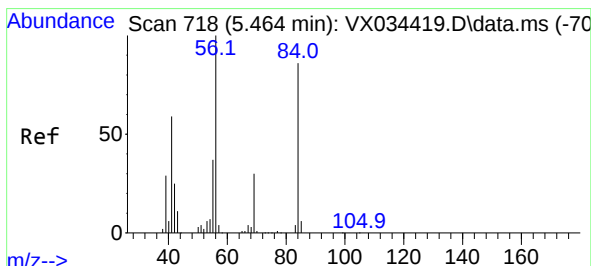
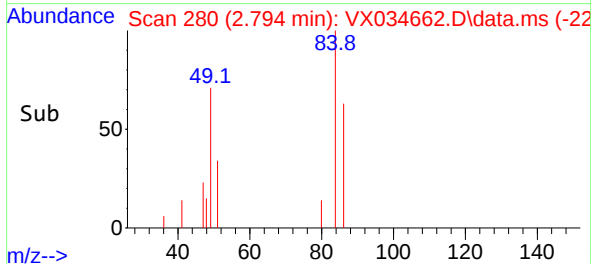
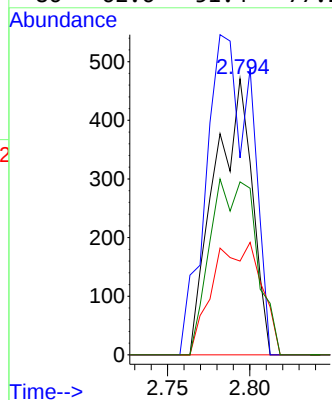
#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01



Tgt Ion: 84 Resp: 744

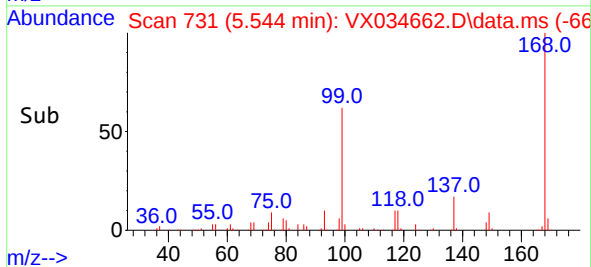
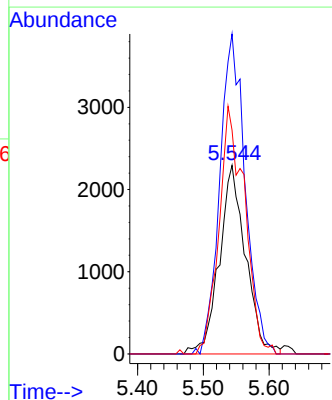
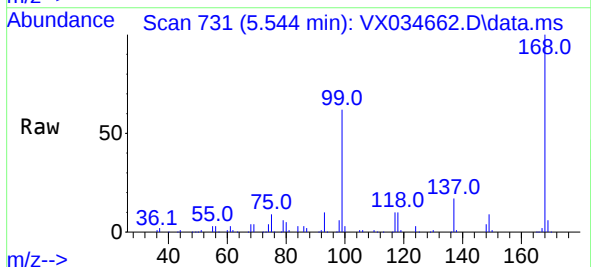
Ion	Ratio	Lower	Upper
84	100		
49	71.3	103.8	155.8#
51	34.0	31.8	47.8
86	62.6	51.4	77.2

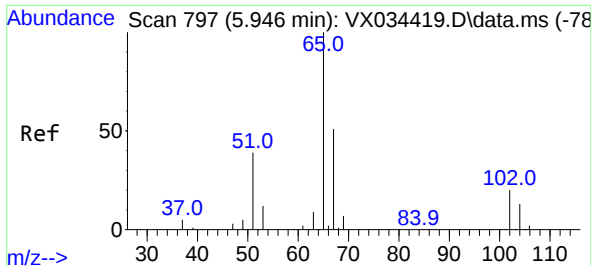


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 56 Resp: 6376

Ion	Ratio	Lower	Upper
56	100		
69	169.6	23.7	35.5#
84	118.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.341 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034662.D

Acq: 22 Mar 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

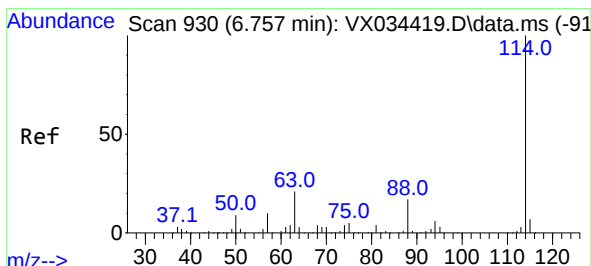
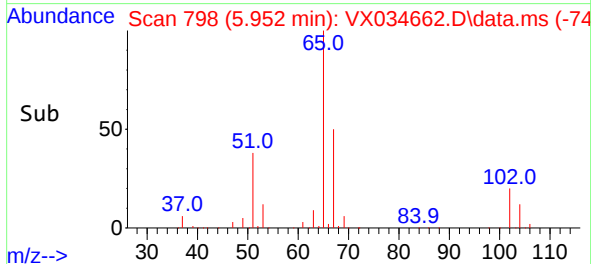
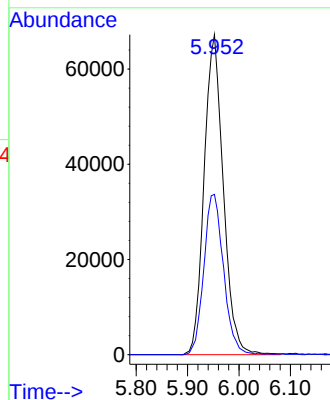
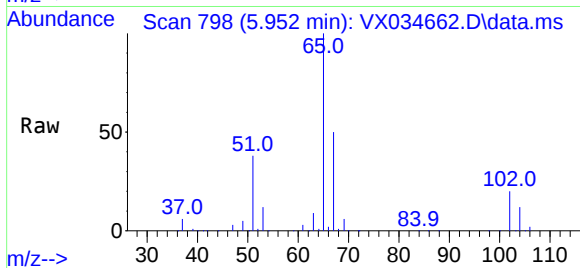
VX0322MBL01

Tgt Ion: 65 Resp: 174057

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034662.D

Acq: 22 Mar 2023 09:48

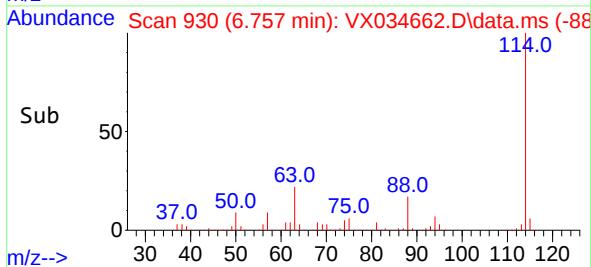
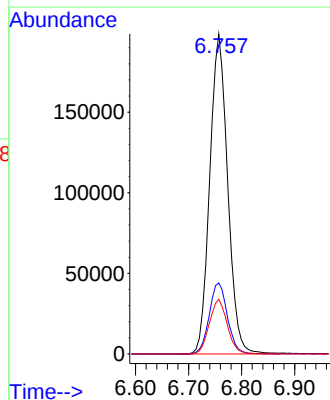
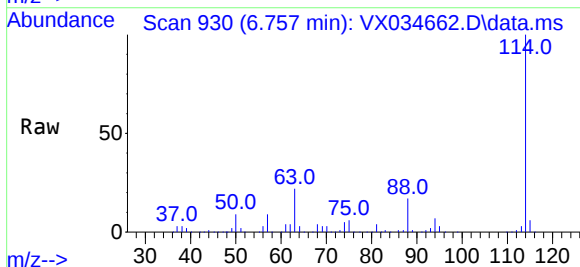
Tgt Ion: 114 Resp: 465813

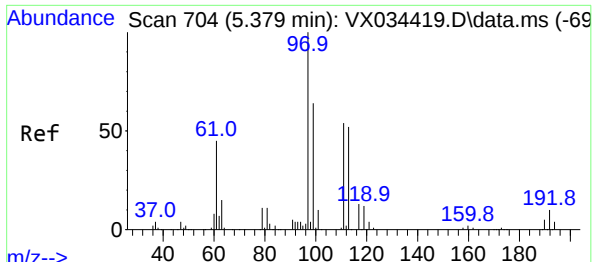
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 17.1 0.0 33.2

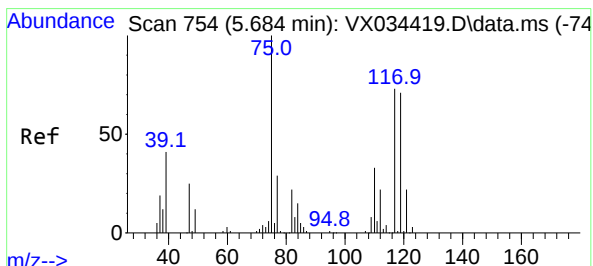
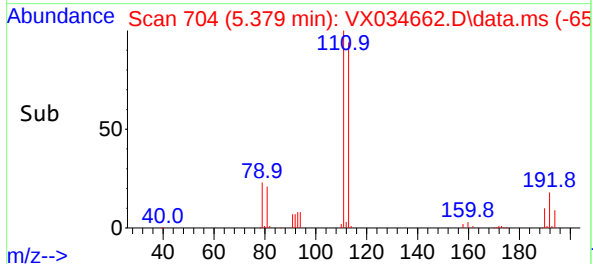
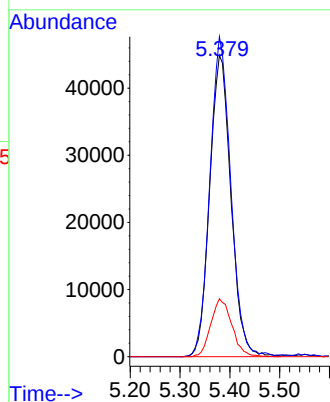
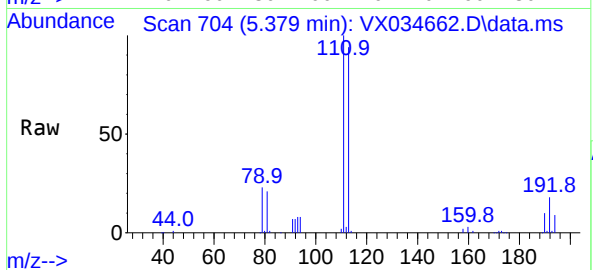




#35
Dibromofluoromethane
Concen: 43.178 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

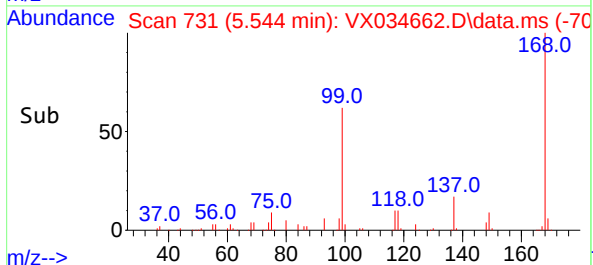
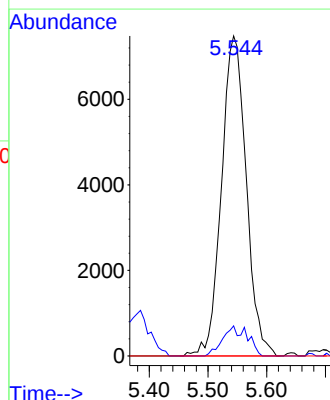
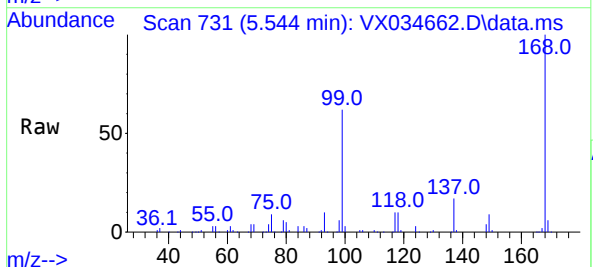
Instrument :
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VX0322MBL01

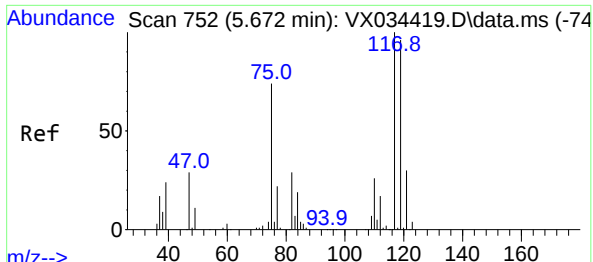
Tgt Ion:113 Resp: 132795
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.631 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

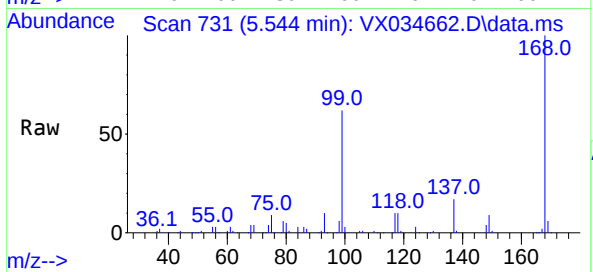
Tgt Ion: 75 Resp: 21876
Ion Ratio Lower Upper
75 100
110 6.4 17.5 52.5#
77 0.0 24.3 36.5#



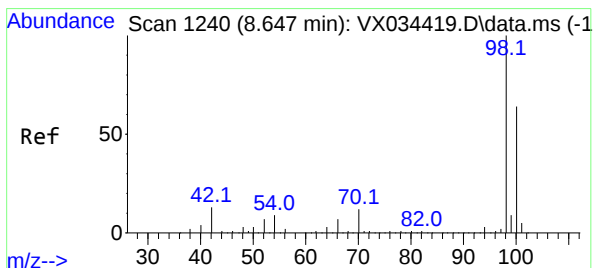
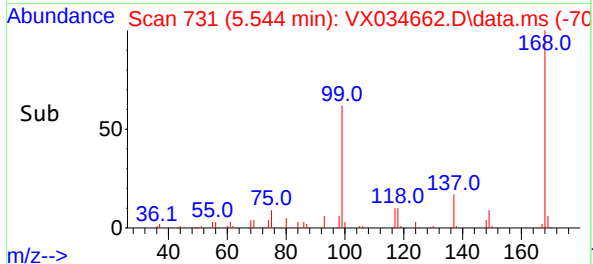
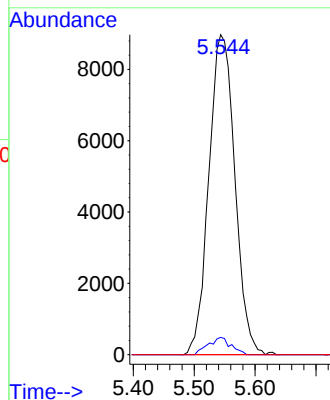


#38
Carbon Tetrachloride
Concen: 5.678 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

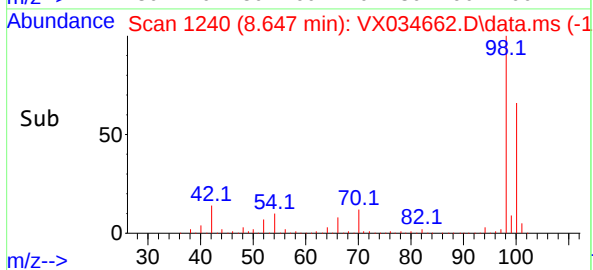
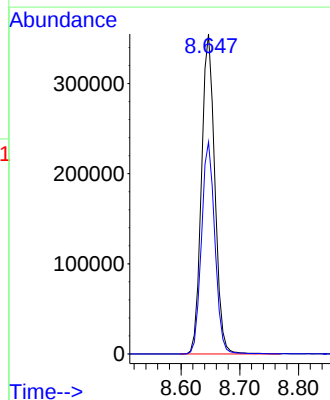
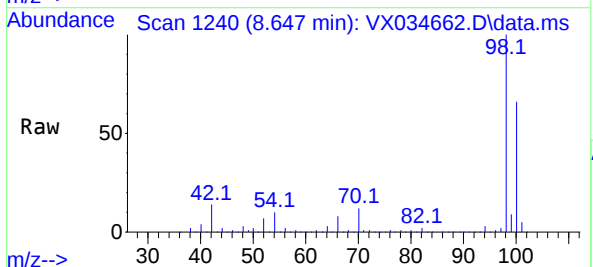


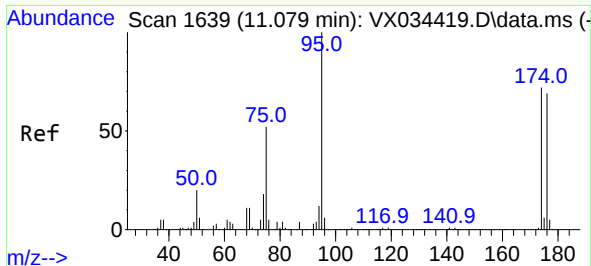
Tgt Ion:117 Resp: 26682
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.740 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 98 Resp: 559591
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

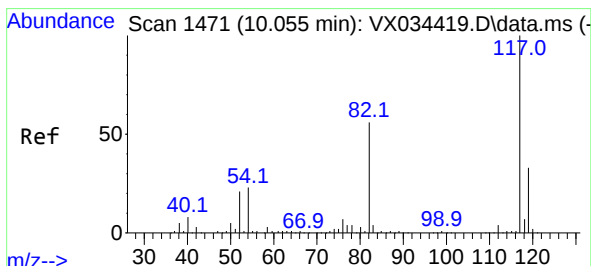
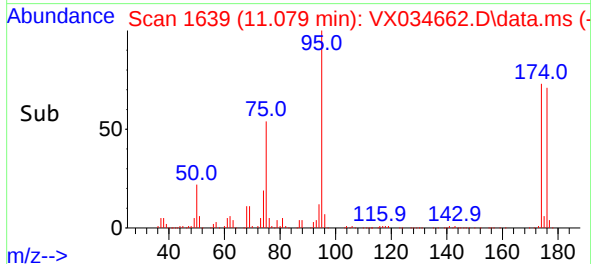
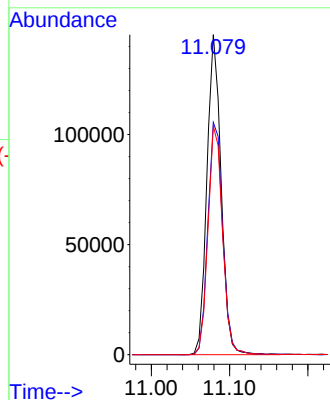
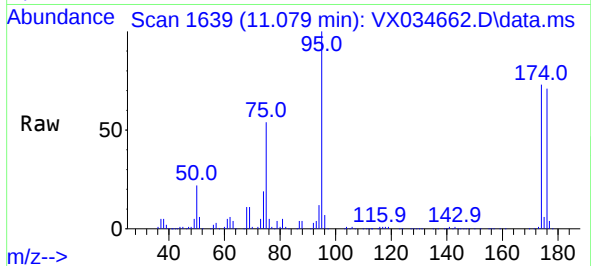




#62
4-Bromofluorobenzene
Concen: 39.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

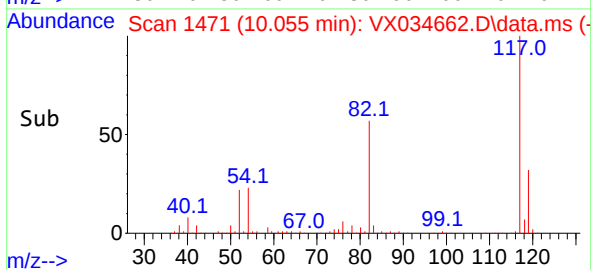
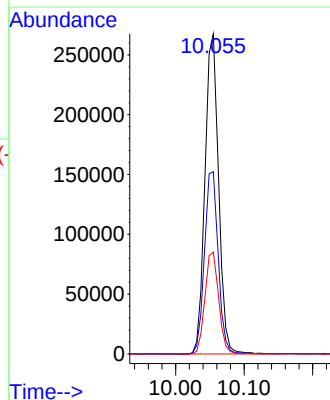
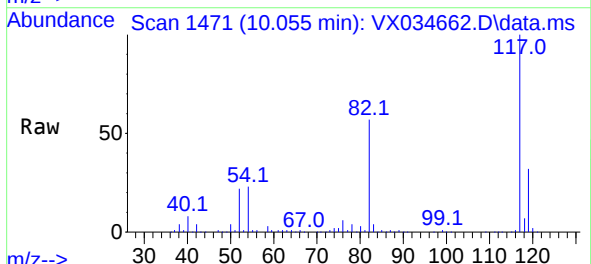
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

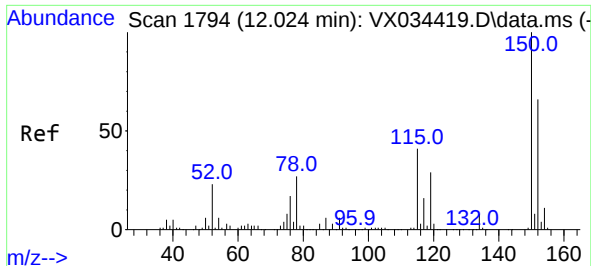
Tgt Ion: 95 Resp: 182131
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.4
176 73.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 117 Resp: 371484
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 31.8 26.0 39.0

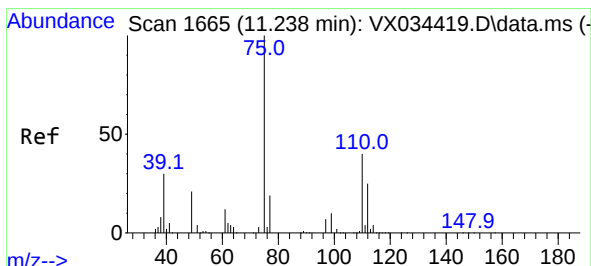
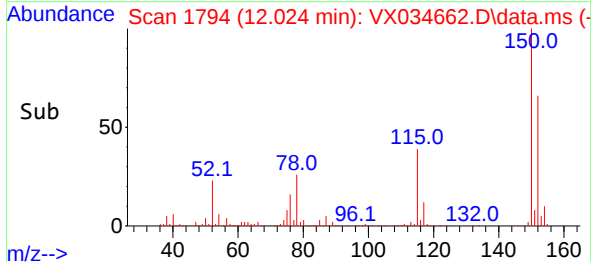
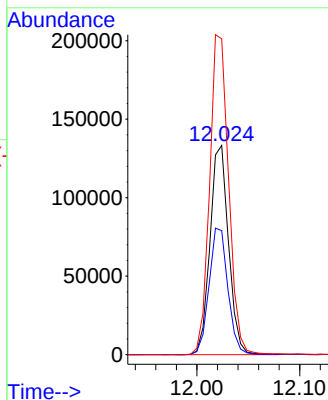
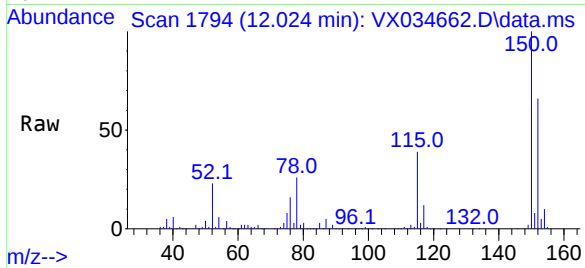




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

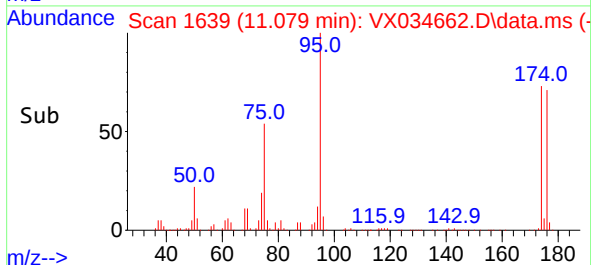
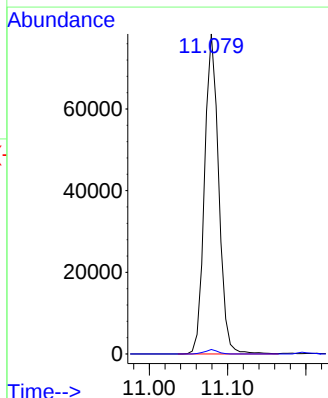
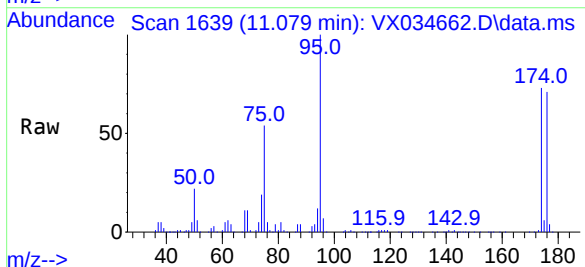
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

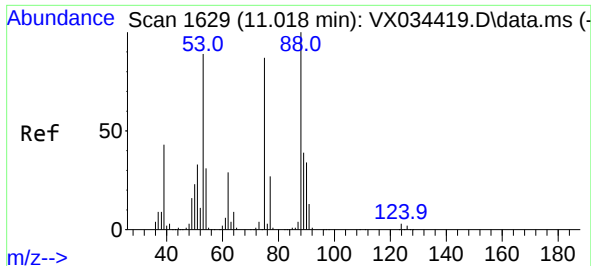
Tgt Ion:152 Resp: 166996
Ion Ratio Lower Upper
152 100
115 61.5 45.0 135.0
150 156.9 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 75 Resp: 98092
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#

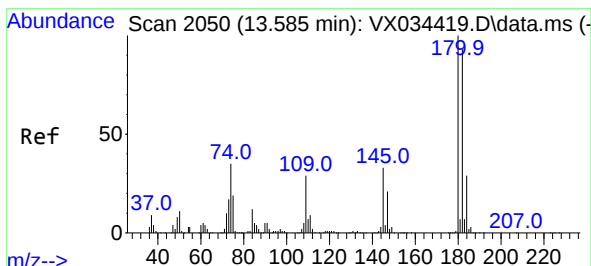
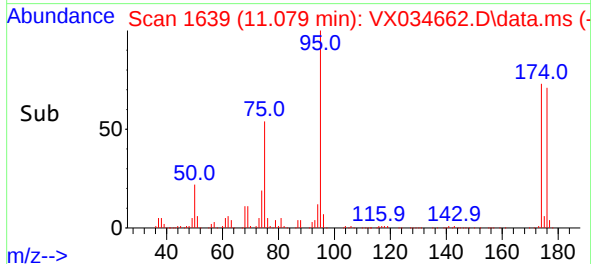
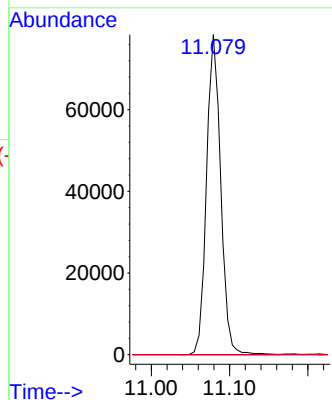
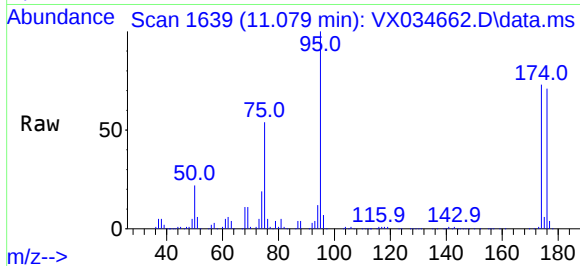




#81
trans-1,4-Dichloro-2-butene
Concen: 69.207 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

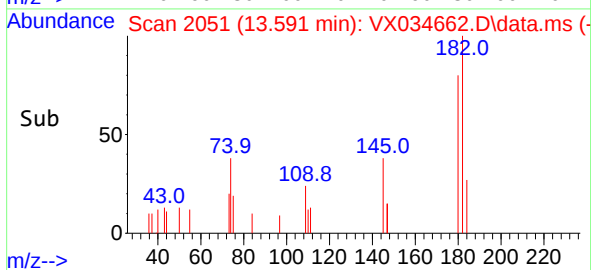
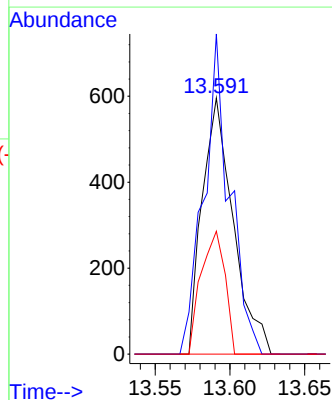
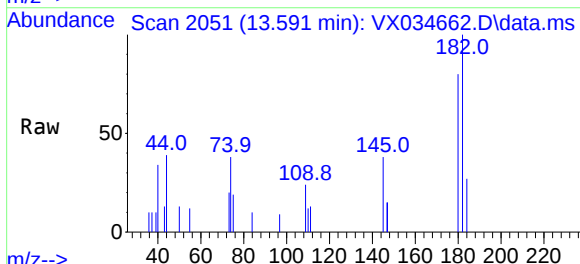
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

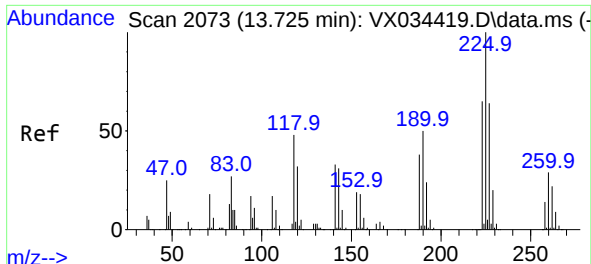
Tgt Ion: 75 Resp: 98092
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.234 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion:180 Resp: 859
Ion Ratio Lower Upper
180 100
182 104.4 47.0 141.0
145 37.0 15.9 47.7

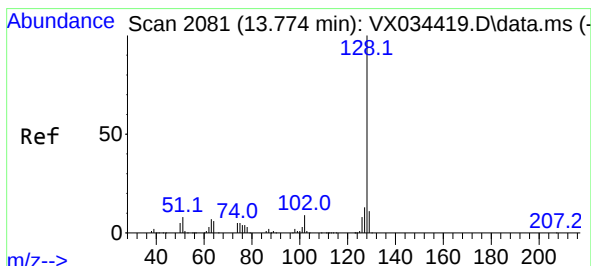
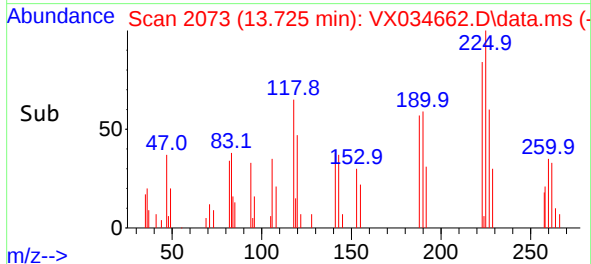
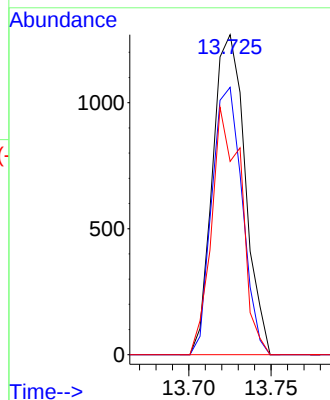
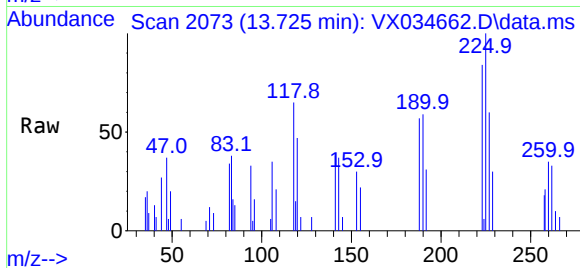




#94
Hexachlorobutadiene
Concen: 1.182 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

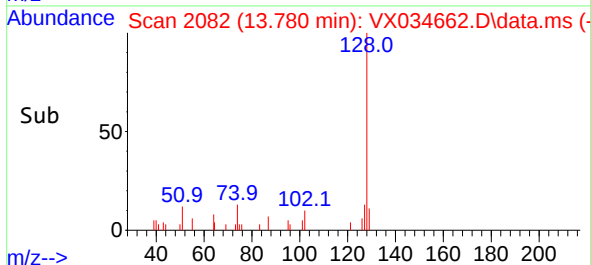
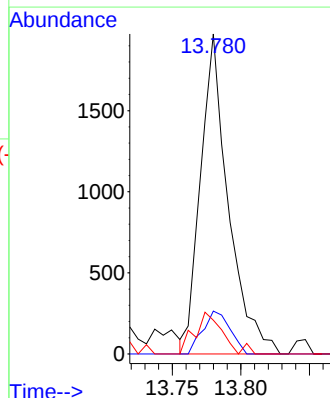
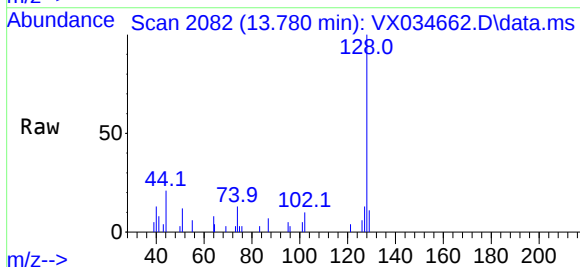
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

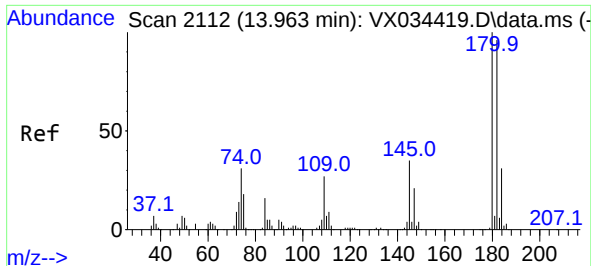
Tgt Ion:	225	Resp:	1746
Ion	Ratio	Lower	Upper
225	100		
223	78.1	32.1	96.5
227	70.2	31.8	95.4



#95
Naphthalene
Concen: 0.227 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

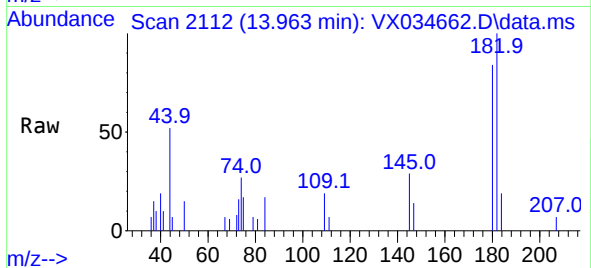
Tgt Ion:	128	Resp:	2786
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	13.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.271 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034662.D
 Acq: 22 Mar 2023 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322MBL01



Tgt Ion:	180	Resp:	971
Ion	Ratio	Lower	Upper
180	100		
182	100.3	48.0	144.2
145	38.3	17.7	53.1

