

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035536.D
 Acq On : 05 May 2023 15:15
 Operator : JC/MD
 Sample : 02615-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 003-2

Quant Time: May 08 00:51:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

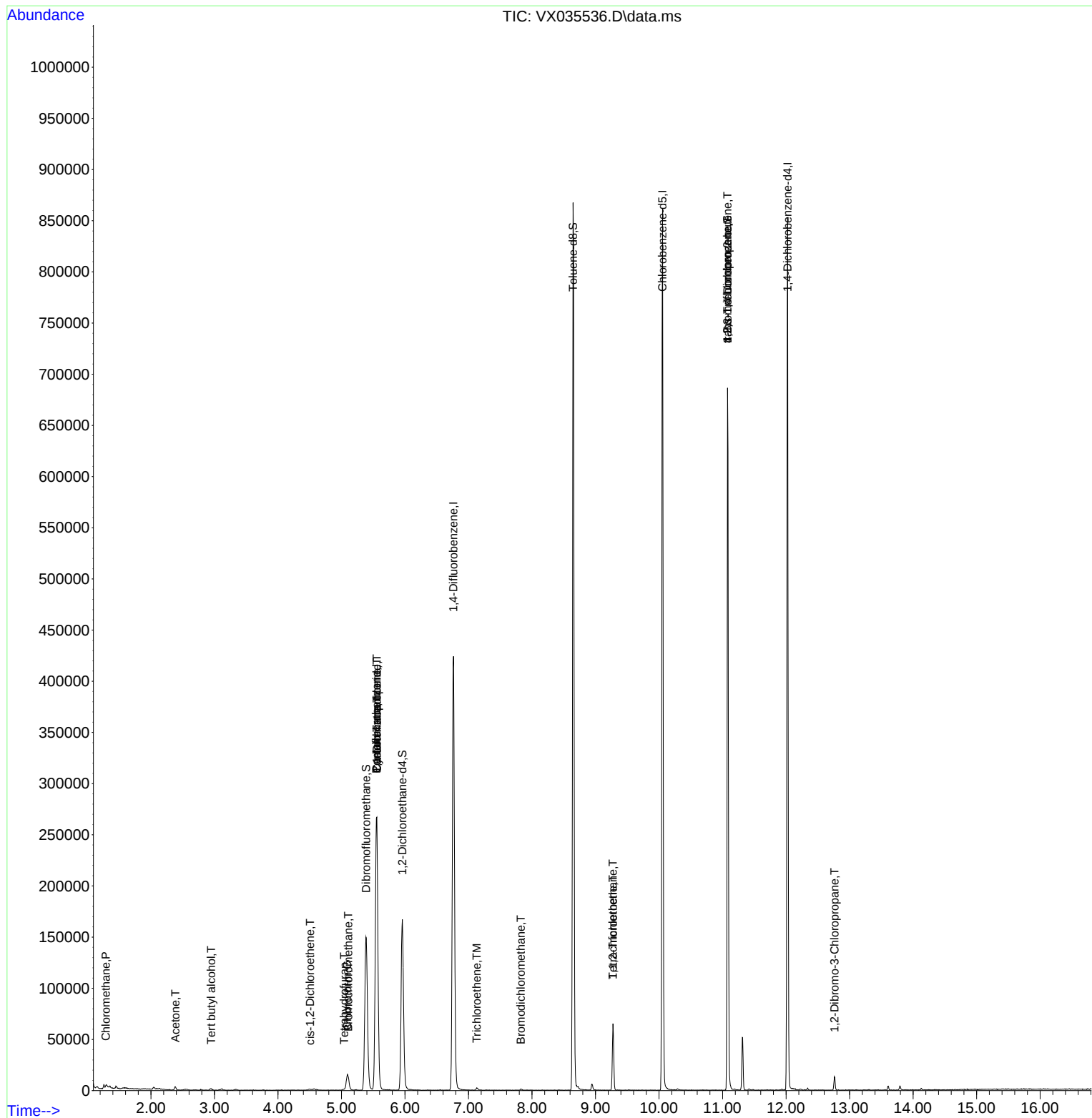
Internal Standards						
1) Pentafluorobenzene	5.549	168	265452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161057	50.291	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.580%	
35) Dibromofluoromethane	5.385	113	137903	50.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	8.646	98	516315	50.034	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	11.079	95	192664	49.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	749	0.293	ug/l #	85
11) Tert butyl alcohol	2.946	59	787	1.350	ug/l #	73
16) Acetone	2.385	43	3464	2.490	ug/l #	86
27) cis-1,2-Dichloroethene	4.507	96	929	0.282	ug/l	74
28) Bromochloromethane	5.104	49	1558	0.723	ug/l #	15
29) Tetrahydrofuran	5.043	42	681	0.523	ug/l #	62
30) Chloroform	5.092	83	18917	3.705	ug/l	92
31) Cyclohexane	5.556	56	4980	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19590	4.586	ug/l #	51
38) Carbon Tetrachloride	5.556	117	25783	6.359	ug/l #	17
44) Trichloroethene	7.128	130	971	0.288	ug/l	54
47) Bromodichloromethane	7.823	83	970	0.248	ug/l #	89
55) 1,1,2-Trichloroethane	9.274	97	840	0.271	ug/l #	21
64) Tetrachloroethene	9.274	164	1755	0.576	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	95298	26.593	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	95298	86.129	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	12.762	75	340	0.416	ug/l #	5

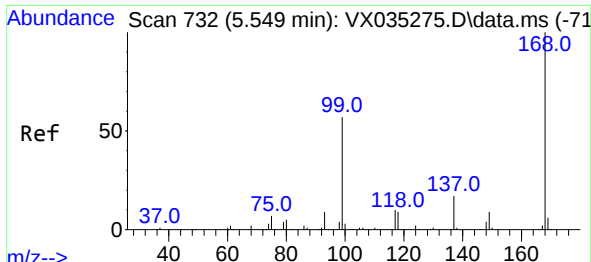
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
Data File : VX035536.D
Acq On : 05 May 2023 15:15
Operator : JC/MD
Sample : 02615-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
003-2

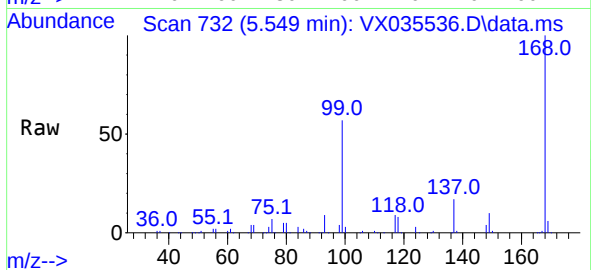
Quant Time: May 08 00:51:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



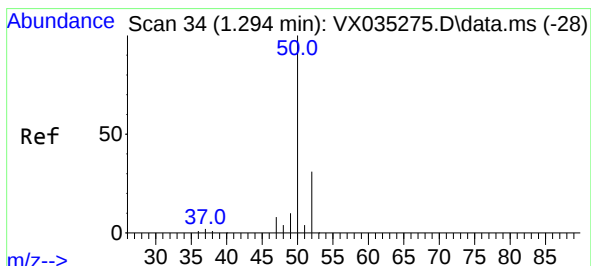
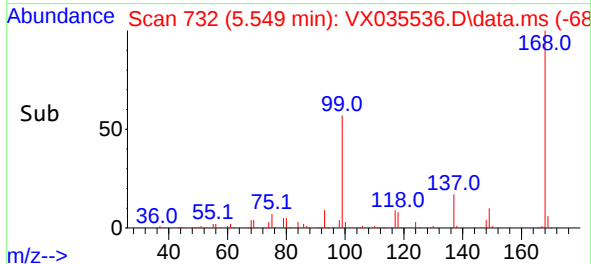
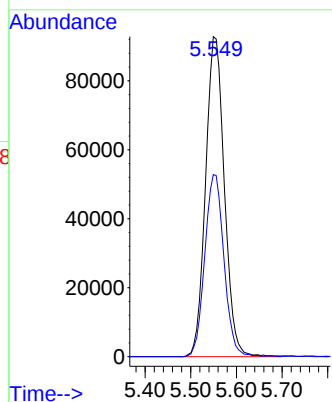


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
003-2

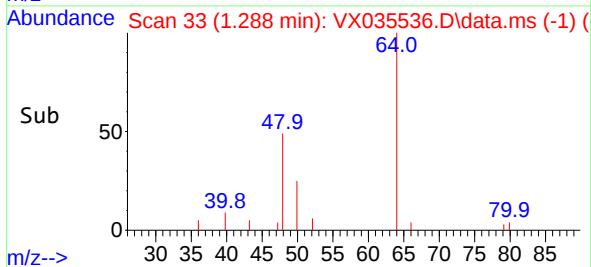
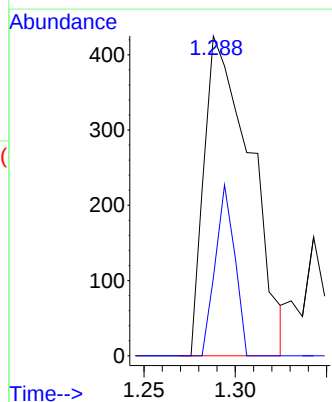
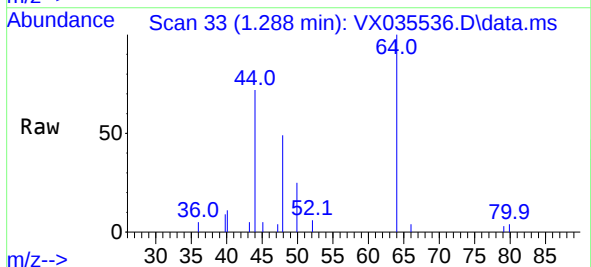


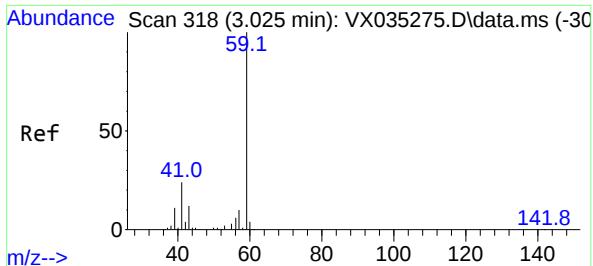
Tgt Ion:168 Resp: 265452
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5



#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 24.2 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.350 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.079 min

Lab File: VX035536.D

Acq: 05 May 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

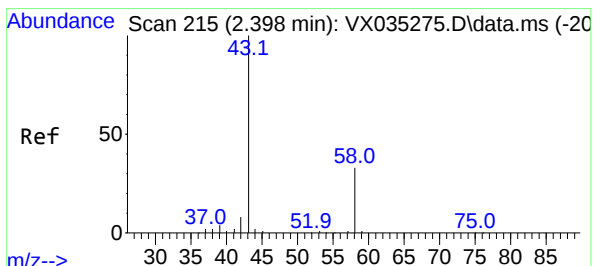
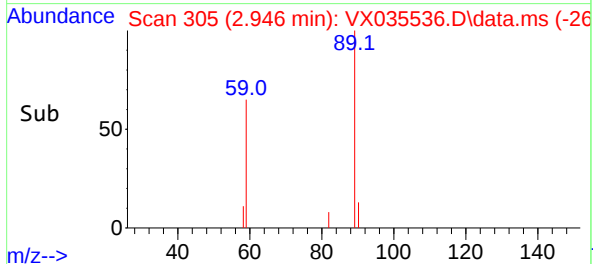
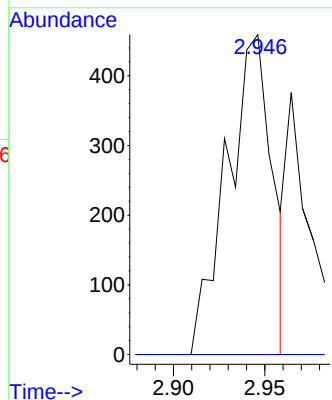
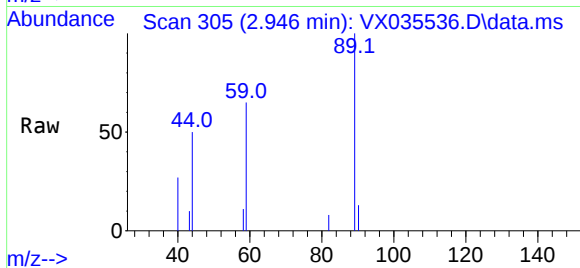
003-2

Tgt Ion: 59 Resp: 787

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 2.490 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.013 min

Lab File: VX035536.D

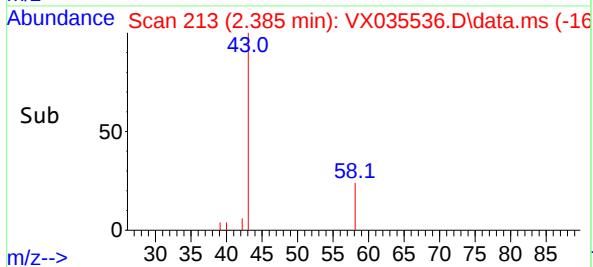
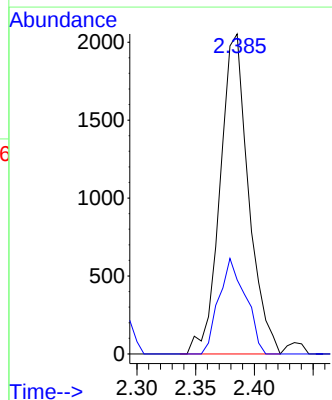
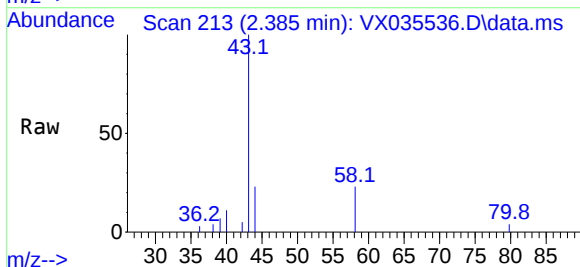
Acq: 05 May 2023 15:15

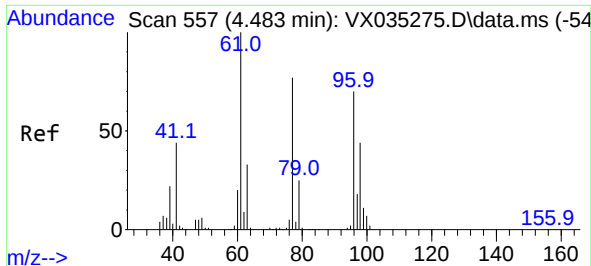
Tgt Ion: 43 Resp: 3464

Ion Ratio Lower Upper

43 100

58 23.1 24.7 37.1#



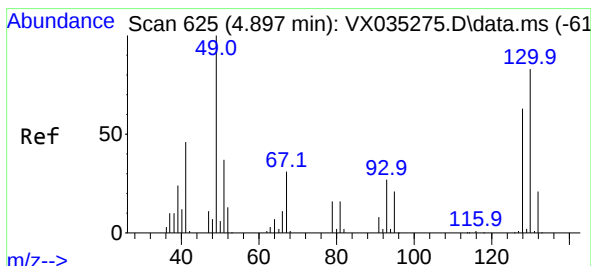
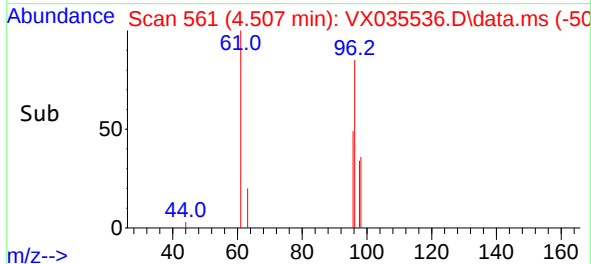
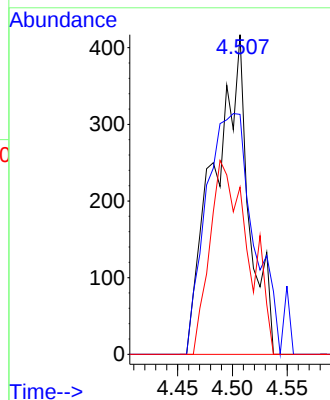
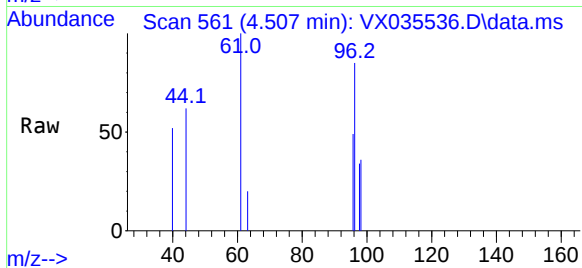


#27
 cis-1,2-Dichloroethene
 Concen: 0.282 ug/l
 RT: 4.507 min Scan# 503
 Delta R.T. 0.024 min
 Lab File: VX035536.D
 Acq: 05 May 2023 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 003-2

Tgt Ion: 96 Resp: 929

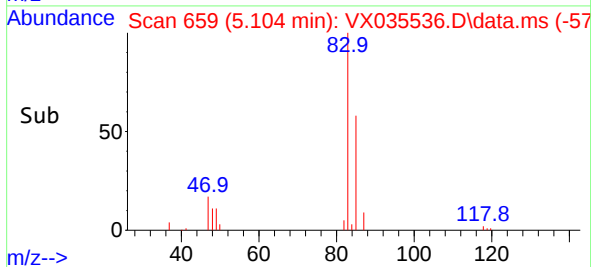
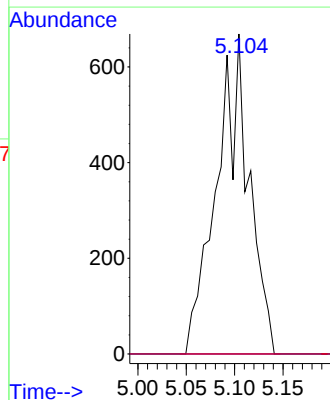
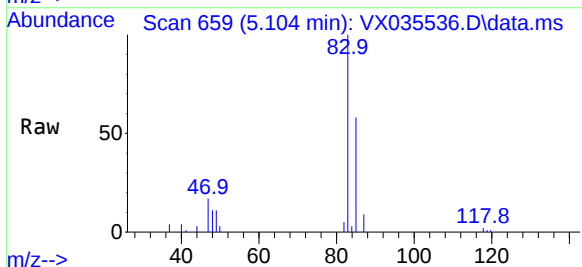
Ion	Ratio	Lower	Upper
96	100		
61	105.0	0.0	300.4
98	66.2	0.0	129.0

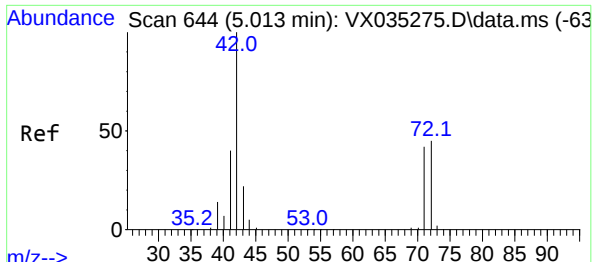


#28
 Bromochloromethane
 Concen: 0.723 ug/l
 RT: 5.104 min Scan# 659
 Delta R.T. 0.207 min
 Lab File: VX035536.D
 Acq: 05 May 2023 15:15

Tgt Ion: 49 Resp: 1558

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	58.2	87.2#

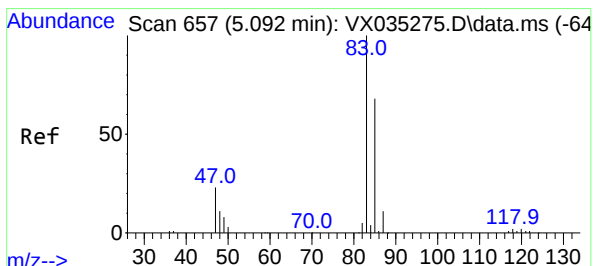
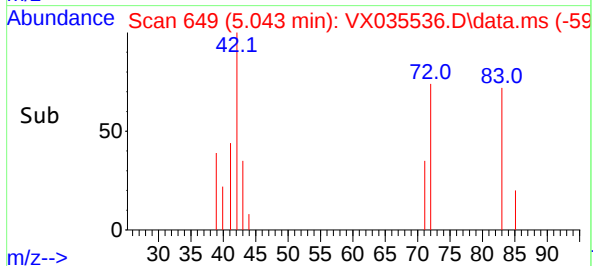
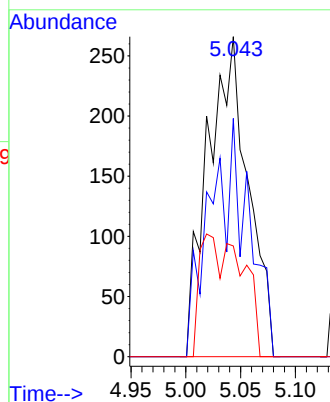
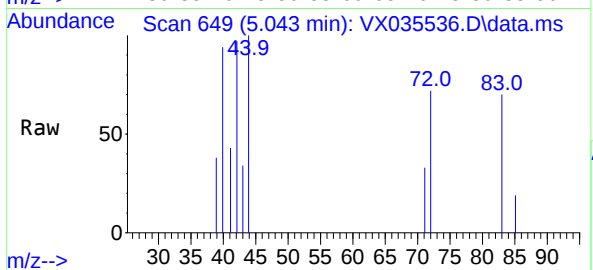




#29
Tetrahydrofuran
Concen: 0.523 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.030 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

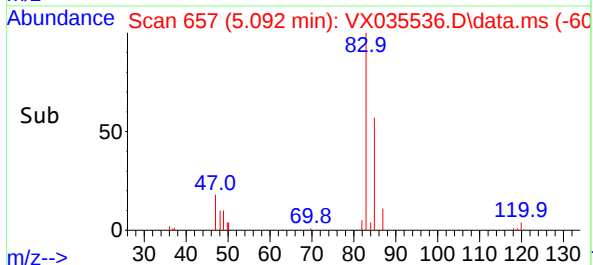
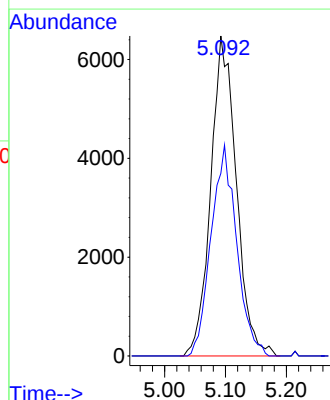
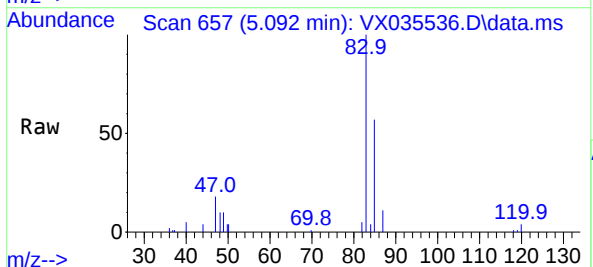
Instrument :
MSVOA_X
ClientSampleId :
003-2

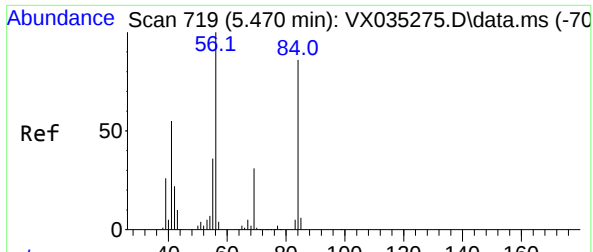
Tgt Ion: 42 Resp: 681
Ion Ratio Lower Upper
42 100
72 35.2 34.5 51.7
71 0.0 32.1 48.1#



#30
Chloroform
Concen: 3.705 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

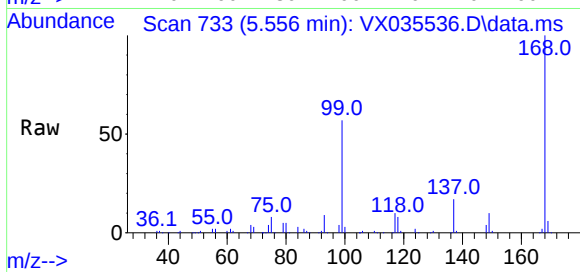
Tgt Ion: 83 Resp: 18917
Ion Ratio Lower Upper
83 100
85 57.0 50.6 76.0



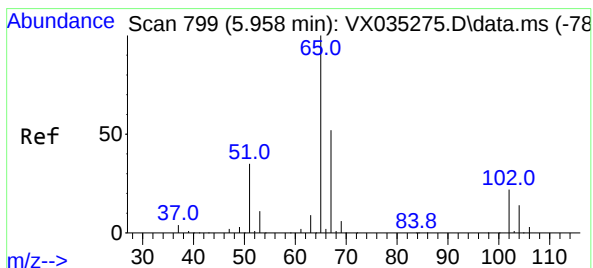
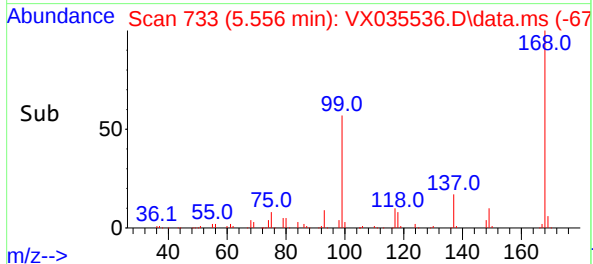
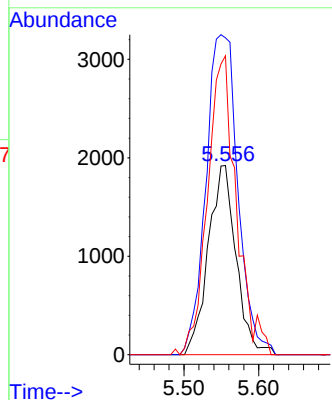


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
003-2

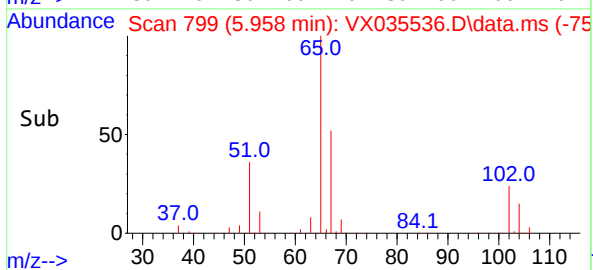
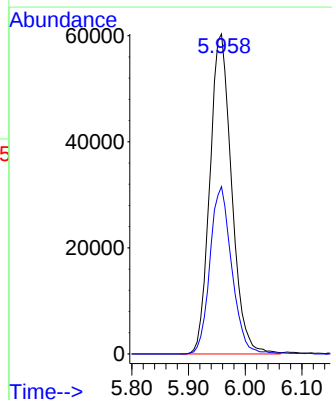
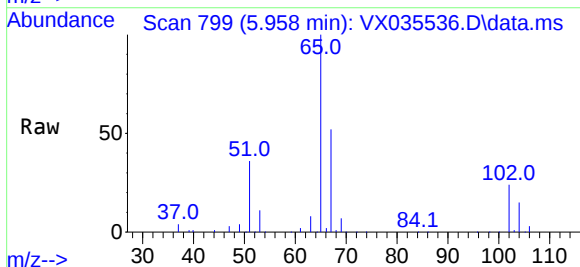


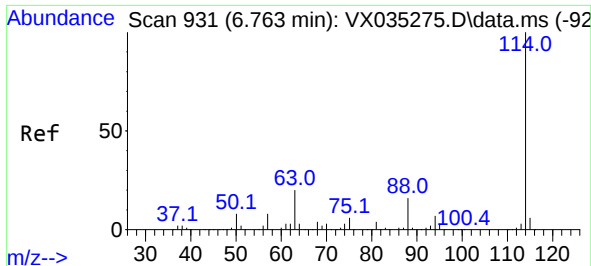
Tgt Ion: 56 Resp: 4980
Ion Ratio Lower Upper
56 100
69 167.5 23.7 35.5#
84 158.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.291 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Tgt Ion: 65 Resp: 161057
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

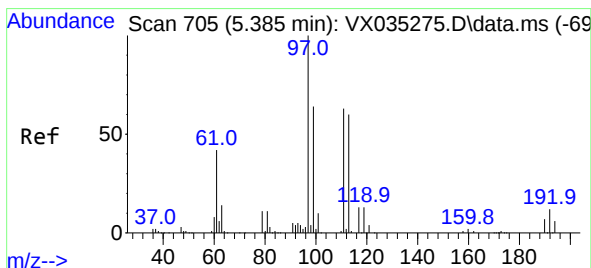
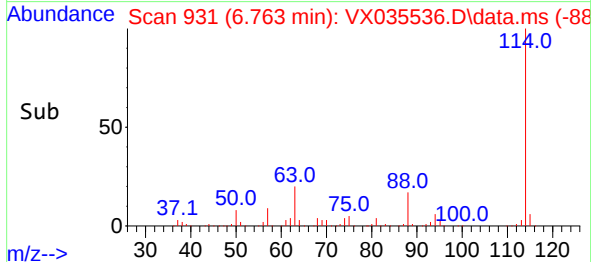
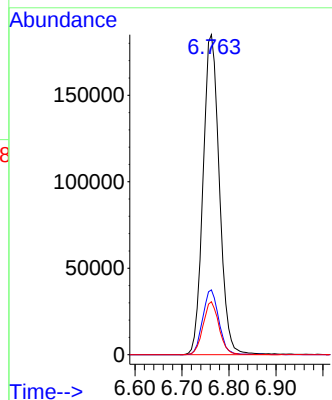
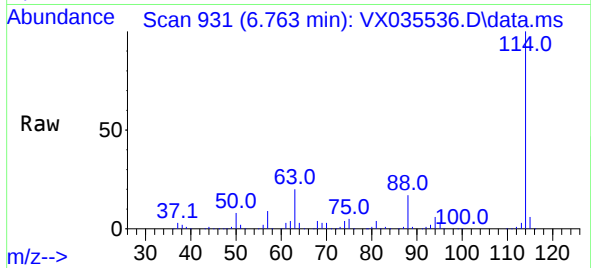




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

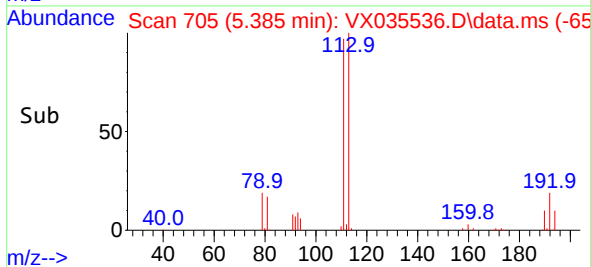
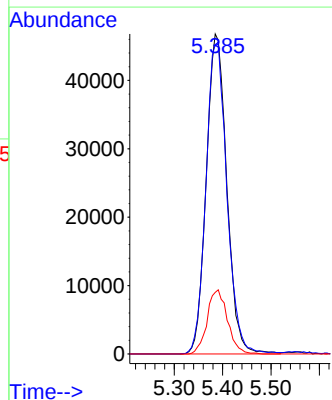
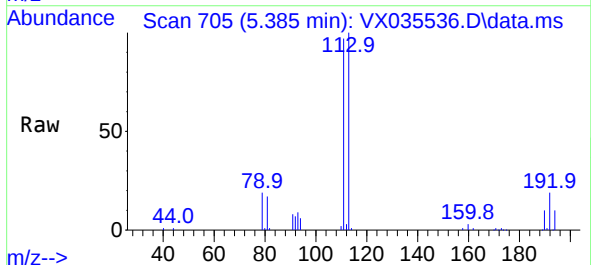
Instrument :
MSVOA_X
ClientSampleId :
003-2

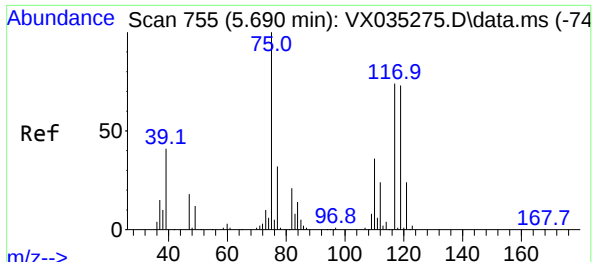
Tgt Ion:114 Resp: 445690
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.412 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Tgt Ion:113 Resp: 137903
Ion Ratio Lower Upper
113 100
111 99.4 83.7 125.5
192 19.8 15.4 23.2

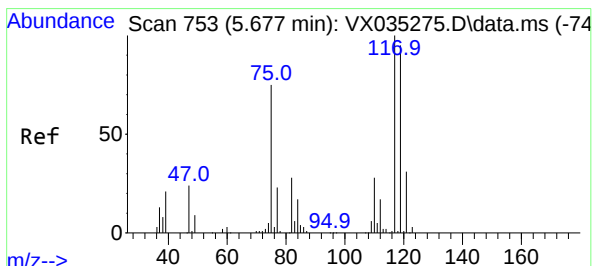
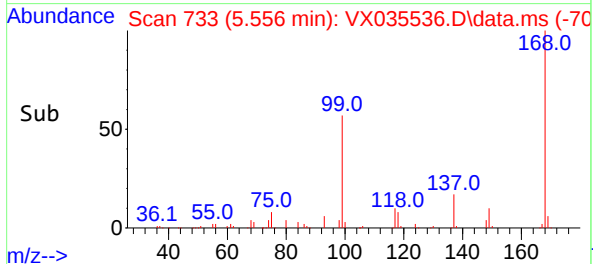
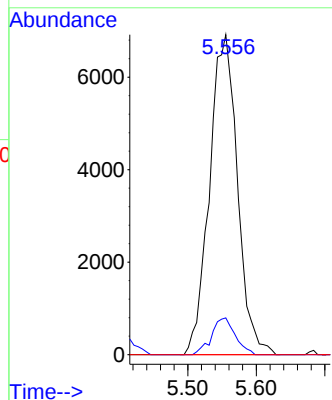
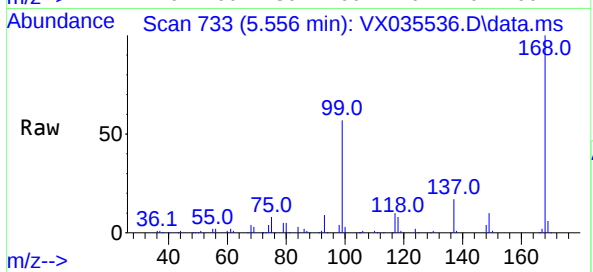




#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

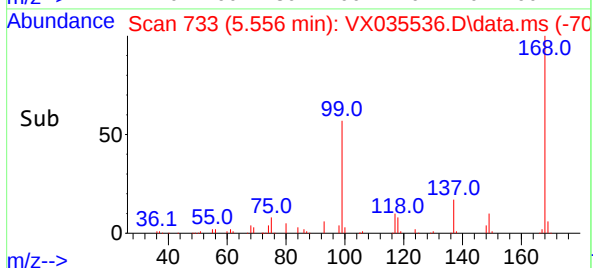
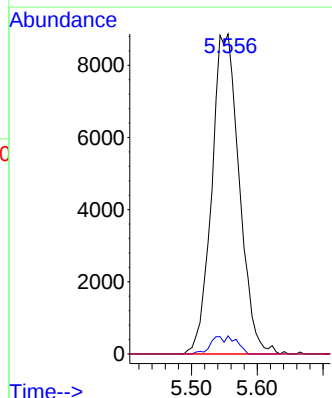
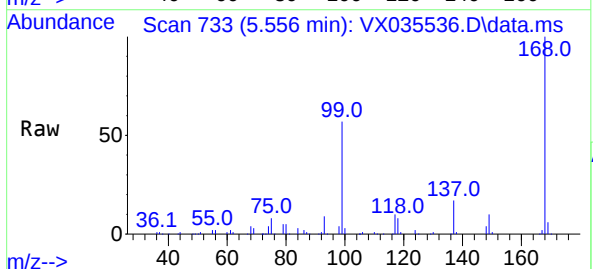
Instrument :
MSVOA_X
ClientSampleId :
003-2

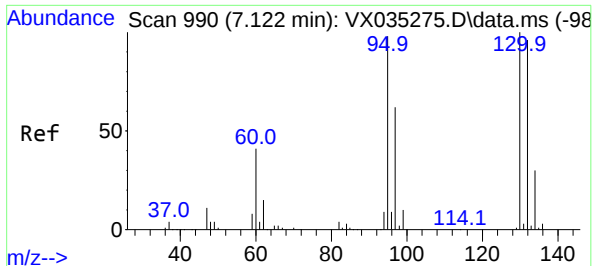
Tgt Ion: 75 Resp: 19590
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Tgt Ion: 117 Resp: 25783
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#





#44

Trichloroethene

Concen: 0.288 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX035536.D

Acq: 05 May 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

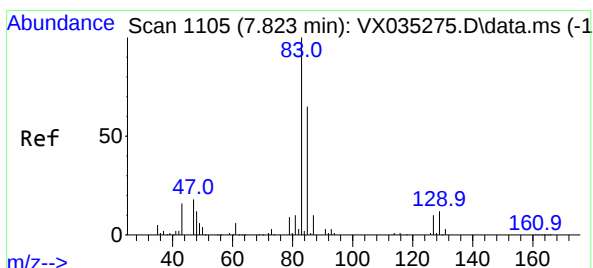
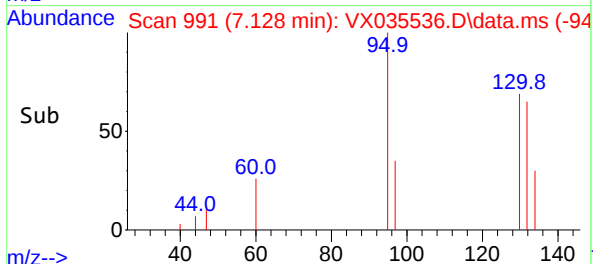
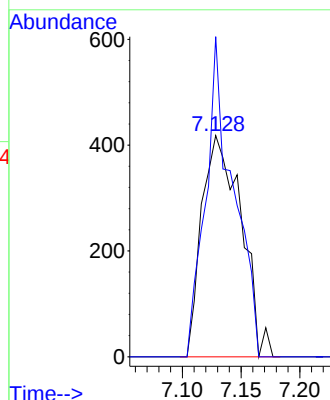
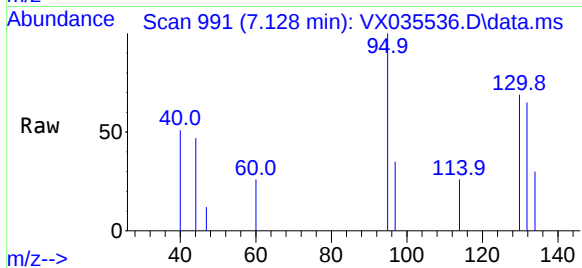
003-2

Tgt Ion:130 Resp: 971

Ion Ratio Lower Upper

130 100

95 144.7 0.0 198.4



#47

Bromodichloromethane

Concen: 0.248 ug/l

RT: 7.823 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX035536.D

Acq: 05 May 2023 15:15

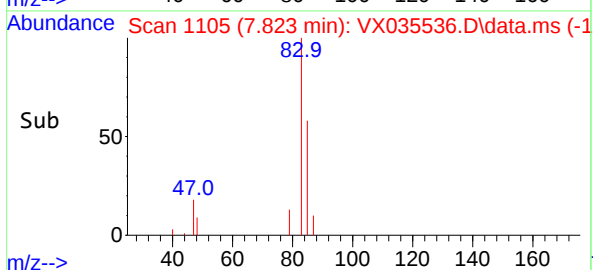
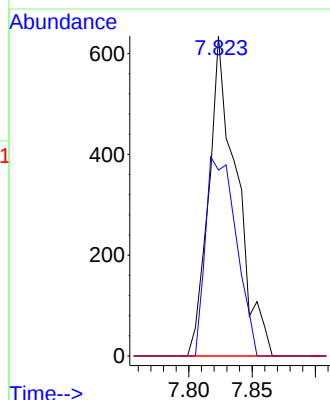
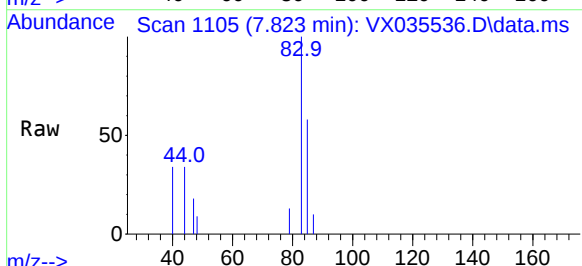
Tgt Ion: 83 Resp: 970

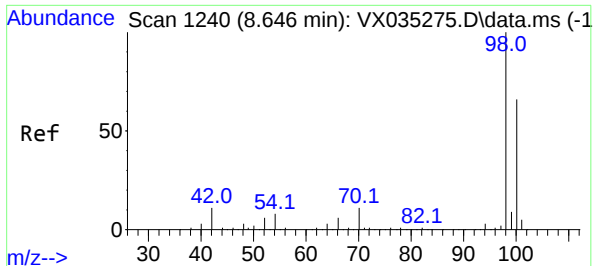
Ion Ratio Lower Upper

83 100

85 58.1 52.2 78.4

127 0.0 6.6 9.8#

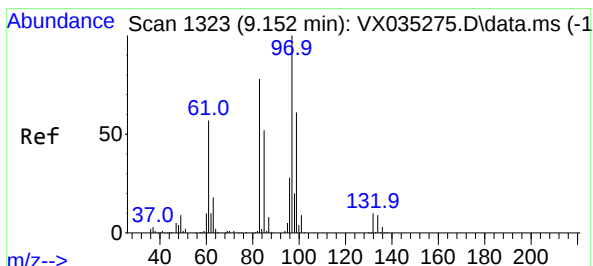
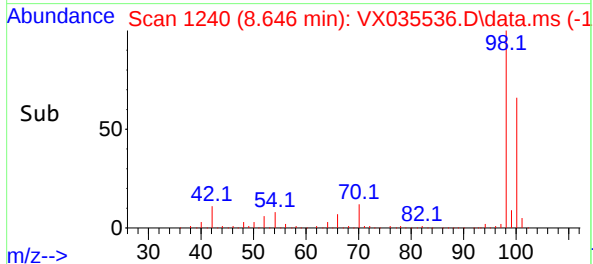
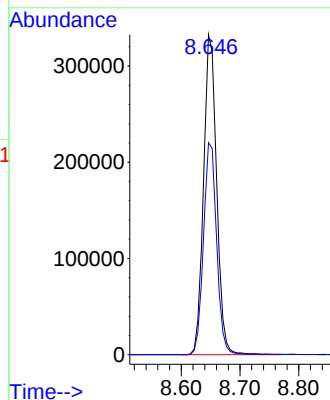
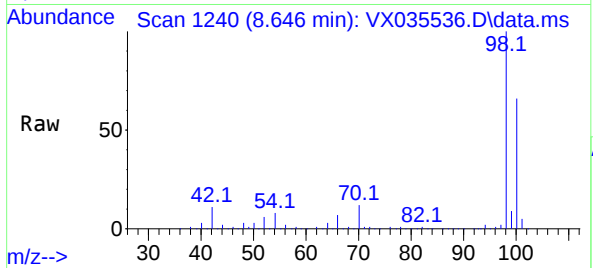




#50
Toluene-d8
Concen: 50.034 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

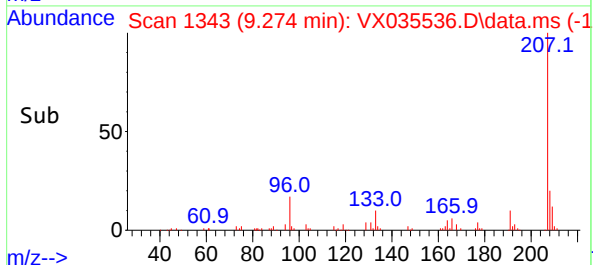
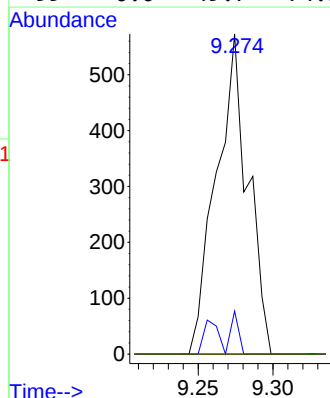
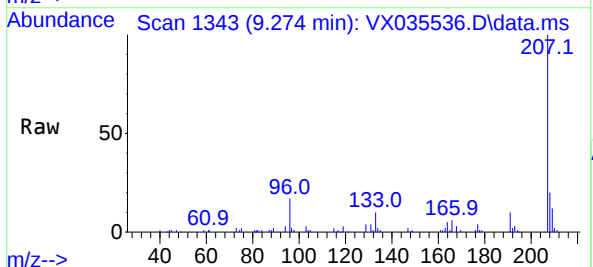
Instrument :
MSVOA_X
ClientSampleId :
003-2

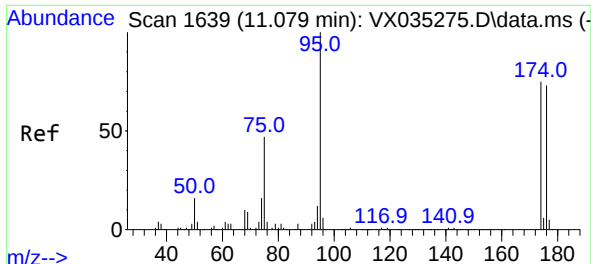
Tgt Ion: 98 Resp: 516315
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 0.271 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Tgt Ion: 97 Resp: 840
Ion Ratio Lower Upper
97 100
83 13.4 69.7 104.5#
85 0.0 43.7 65.5#
99 0.0 49.7 74.5#





#62

4-Bromofluorobenzene

Concen: 49.631 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035536.D

Acq: 05 May 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

003-2

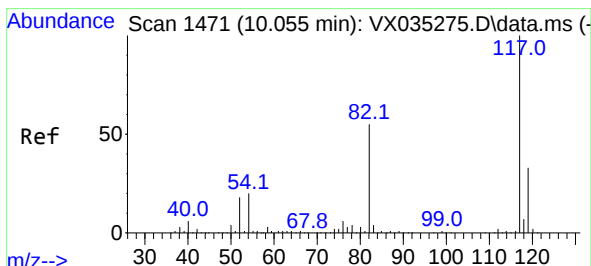
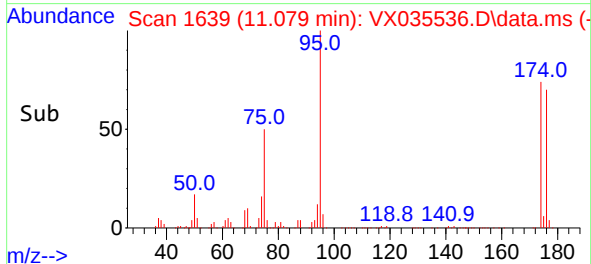
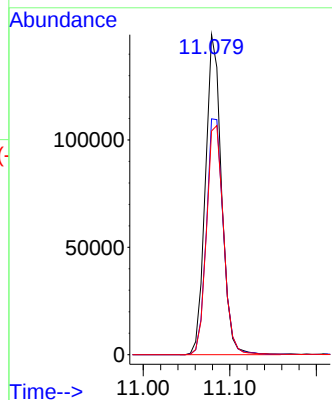
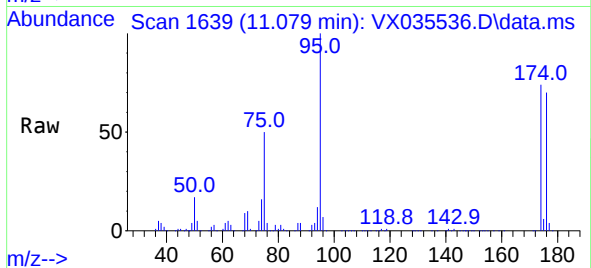
Tgt Ion: 95 Resp: 192664

Ion Ratio Lower Upper

95 100

174 77.5 0.0 147.4

176 75.7 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: VX035536.D

Acq: 05 May 2023 15:15

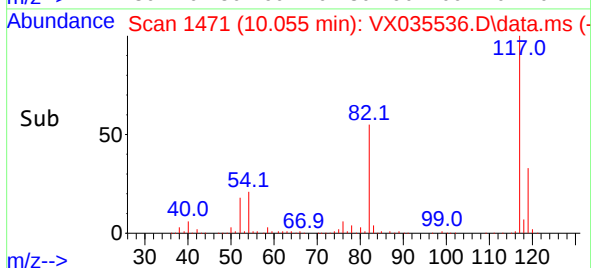
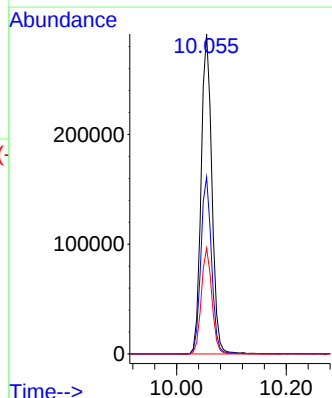
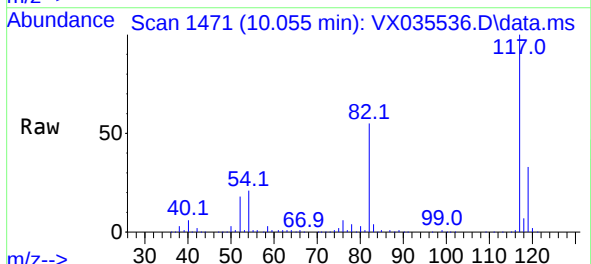
Tgt Ion: 117 Resp: 397630

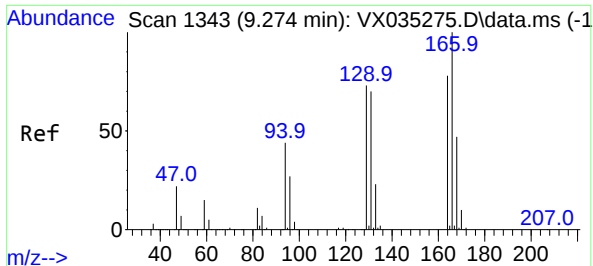
Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.4

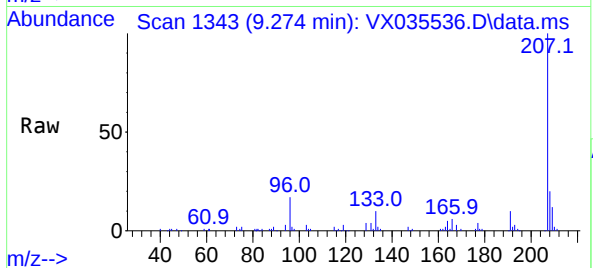
119 33.1 26.0 39.0



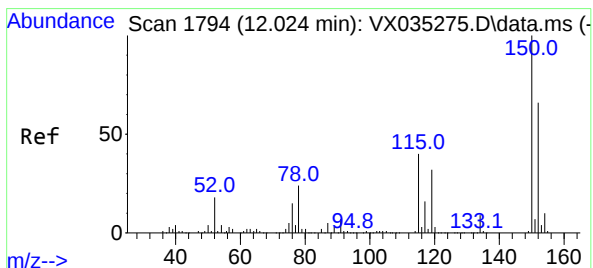
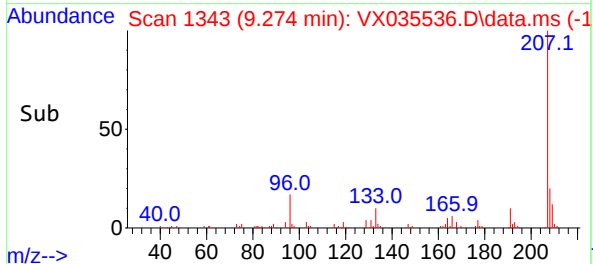
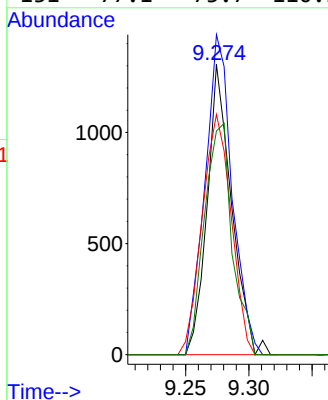


#64
Tetrachloroethene
Concen: 0.576 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
003-2

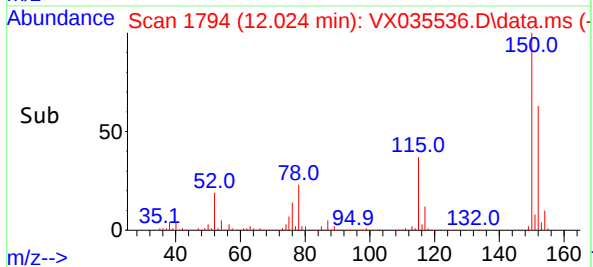
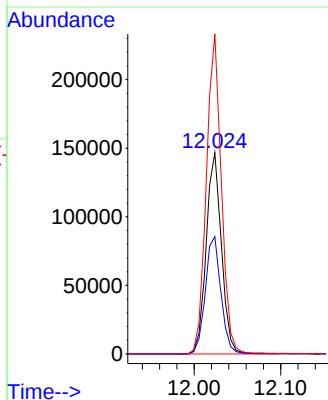
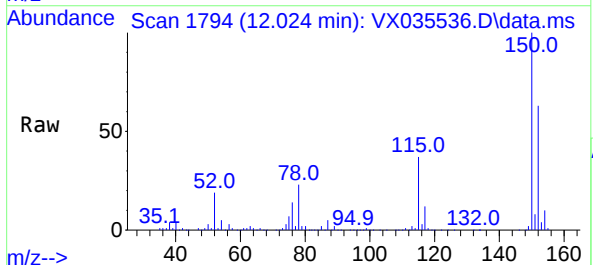


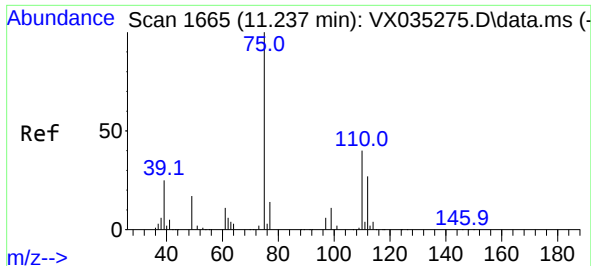
Tgt Ion:164 Resp: 1755
Ion Ratio Lower Upper
164 100
166 110.3 102.7 154.1
129 82.8 75.6 113.4
131 77.1 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Tgt Ion:152 Resp: 179649
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 157.0 0.0 352.4

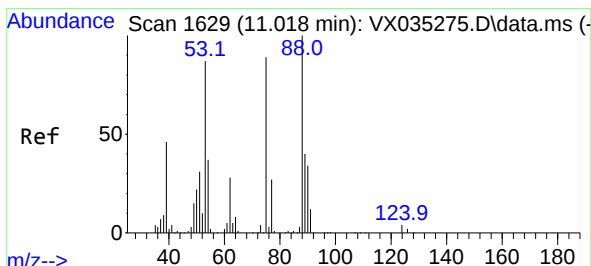
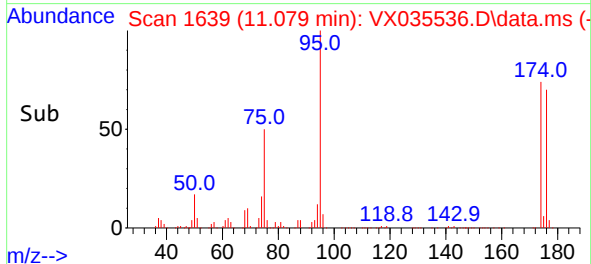
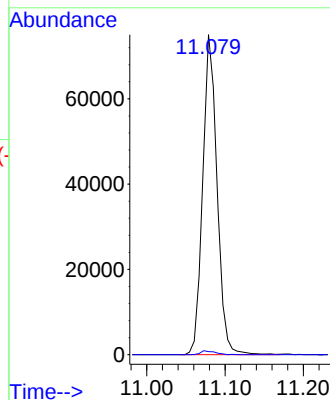
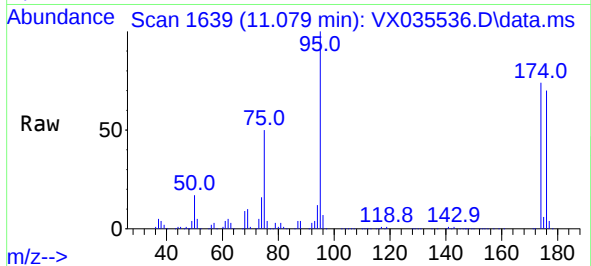




#76
1,2,3-Trichloropropane
Concen: 26.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

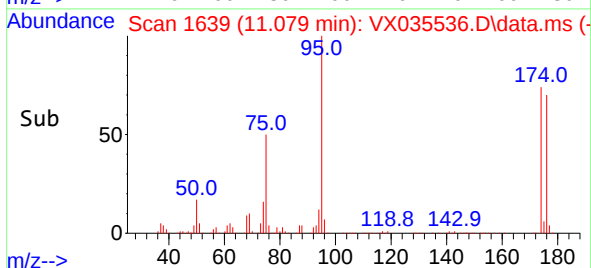
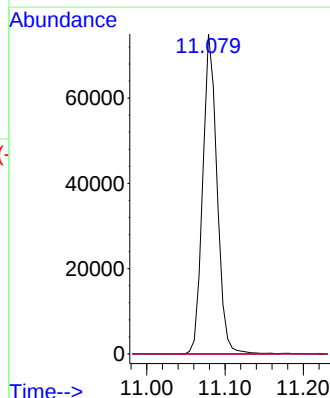
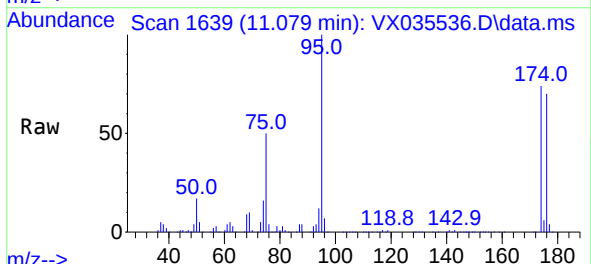
Instrument :
MSVOA_X
ClientSampleId :
003-2

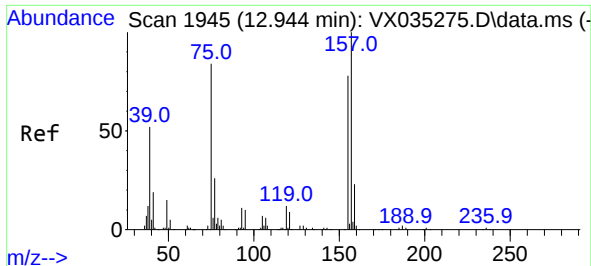
Tgt Ion: 75 Resp: 95298
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035536.D
Acq: 05 May 2023 15:15

Tgt Ion: 75 Resp: 95298
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.416 ug/l
 RT: 12.762 min Scan# 1915
 Delta R.T. -0.182 min
 Lab File: VX035536.D
 Acq: 05 May 2023 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 003-2

Tgt Ion: 75 Resp: 340
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.4 115.1#
 157 0.0 49.9 149.7#

