

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038068.D
 Acq On : 04 Oct 2023 16:21
 Operator : JC/MD
 Sample : 04656-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:03:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

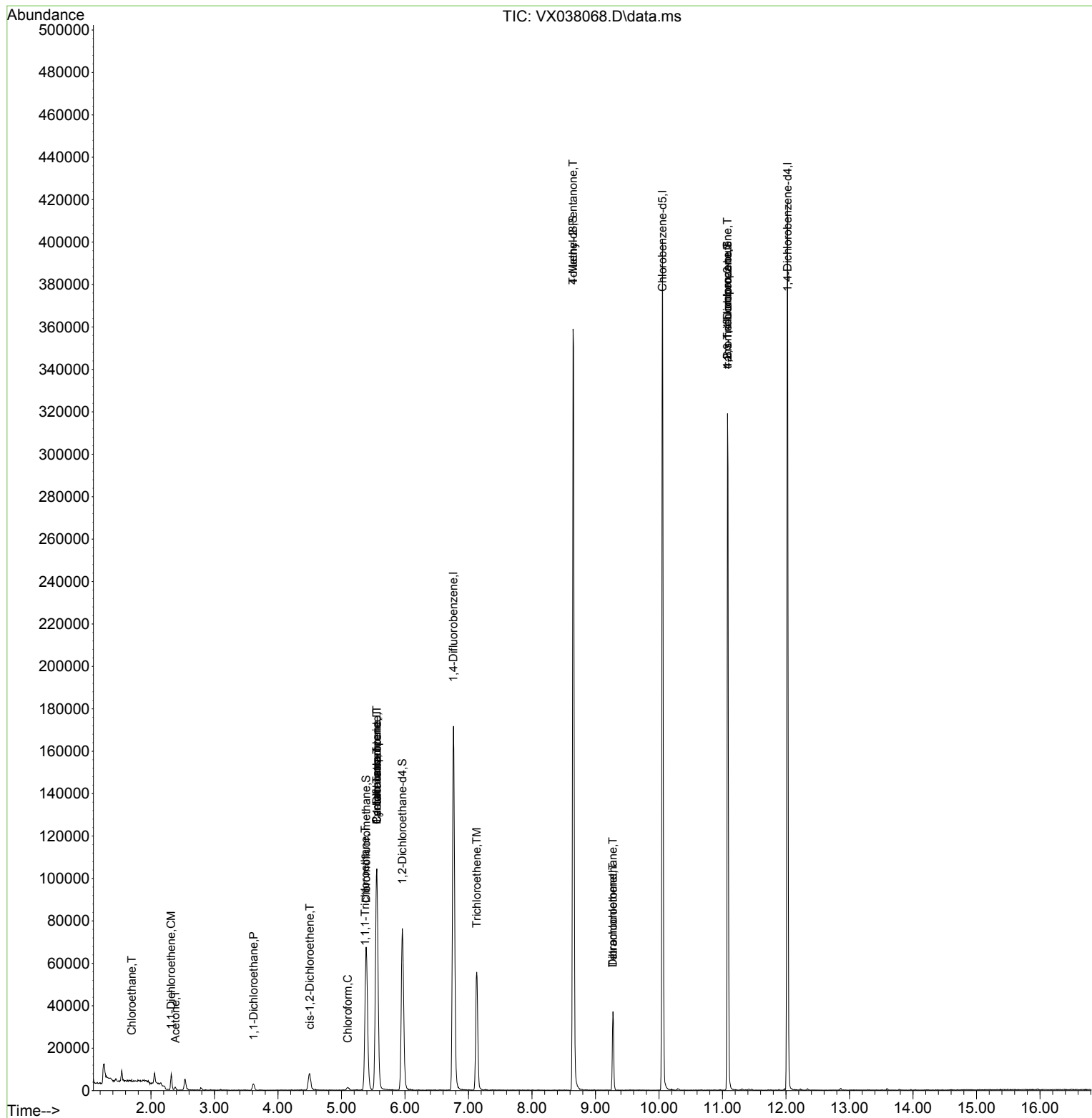
Internal Standards						
1) Pentafluorobenzene	5.556	168	97114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74075	49.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.040%
35) Dibromofluoromethane	5.385	113	56025	47.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	220845	48.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	79931	48.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.660%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	587	0.680	ug/l #	53
12) 1,1-Dichloroethene	2.319	96	2213	2.407	ug/l	91
16) Acetone	2.386	43	1517	2.286	ug/l #	86
20) Methylene Chloride	2.782	84	472	Below Cal	#	69
24) 1,1-Dichloroethane	3.617	63	3614	1.748	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	4892	3.798	ug/l	86
30) Chloroform	5.099	83	1670	0.742	ug/l	96
31) Cyclohexane	5.556	56	2659	1.505	ug/l #	33
32) 1,1,1-Trichloroethane	5.373	97	806	0.430	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	8414	4.808	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10342	6.073	ug/l #	15
44) Trichloroethene	7.129	130	21248	15.950	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1066	0.504	ug/l #	1
60) Dibromochloromethane	9.275	129	6011	4.814	ug/l #	11
64) Tetrachloroethene	9.275	164	6640	5.855	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	44615	22.682	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	44615	76.602	ug/l #	5

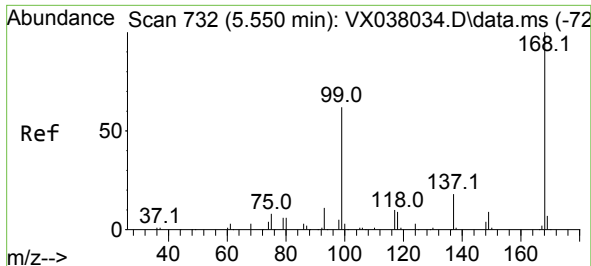
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
Data File : VX038068.D
Acq On : 04 Oct 2023 16:21
Operator : JC/MD
Sample : 04656-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 05 01:03:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration

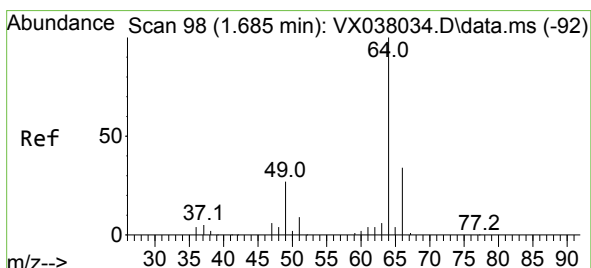
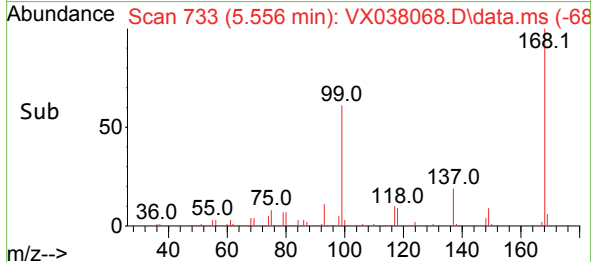
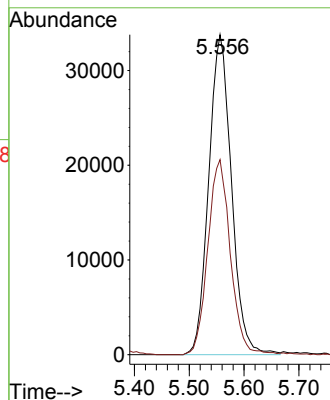
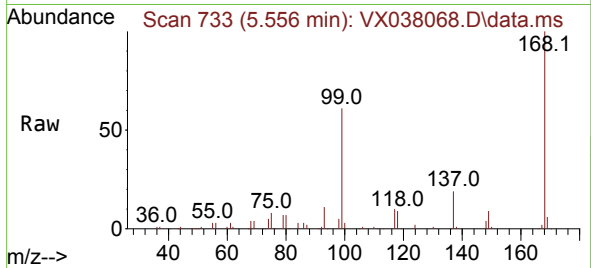




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

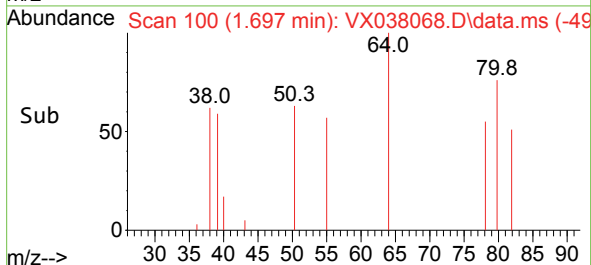
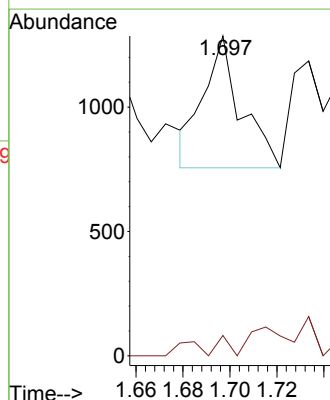
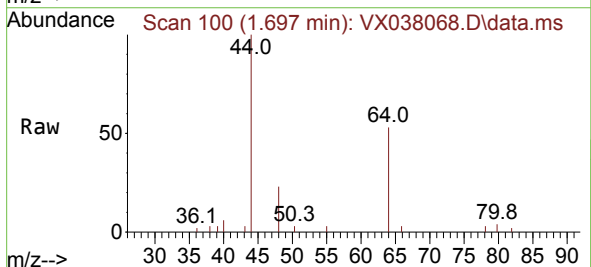
Instrument :
MSVOA_X
ClientSampleId :

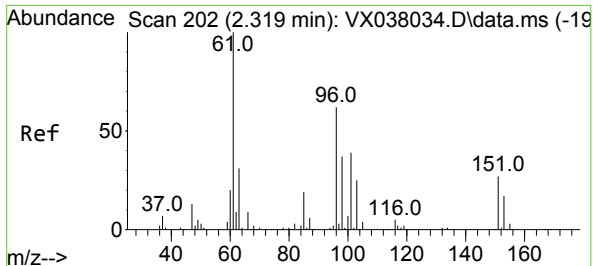
Tgt Ion:168 Resp: 97114
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#6
Chloroethane
Concen: 0.680 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

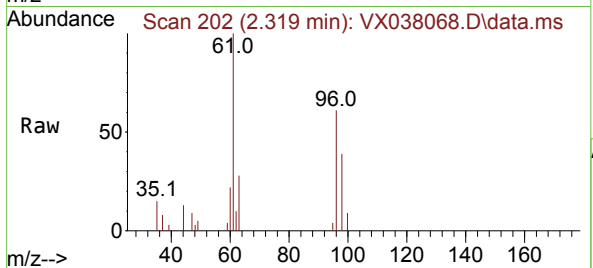
Tgt Ion: 64 Resp: 587
Ion Ratio Lower Upper
64 100
66 5.7 25.1 37.7#



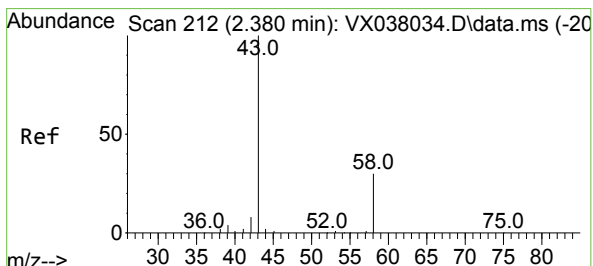
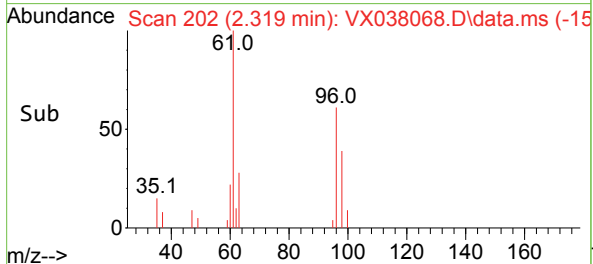
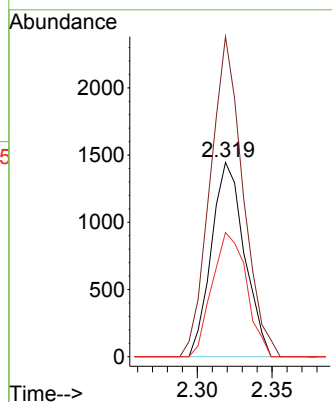


#12
 1,1-Dichloroethene
 Concen: 2.407 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX038068.D
 Acq: 04 Oct 2023 16:21

Instrument :
 MSVOA_X
 ClientSampleId :

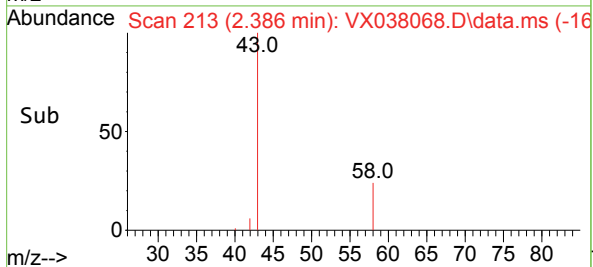
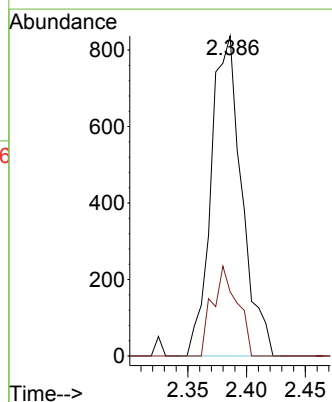
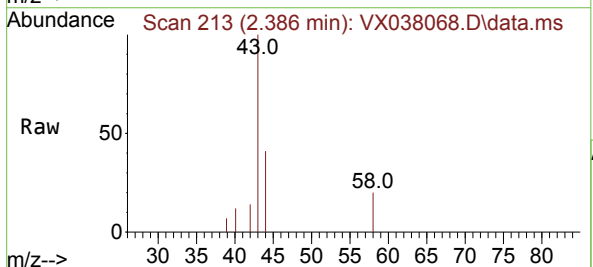


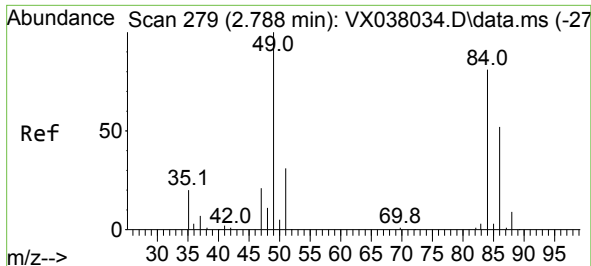
Tgt Ion: 96 Resp: 2213
 Ion Ratio Lower Upper
 96 100
 61 164.7 144.6 216.8
 98 63.9 50.4 75.6



#16
 Acetone
 Concen: 2.286 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX038068.D
 Acq: 04 Oct 2023 16:21

Tgt Ion: 43 Resp: 1517
 Ion Ratio Lower Upper
 43 100
 58 20.1 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

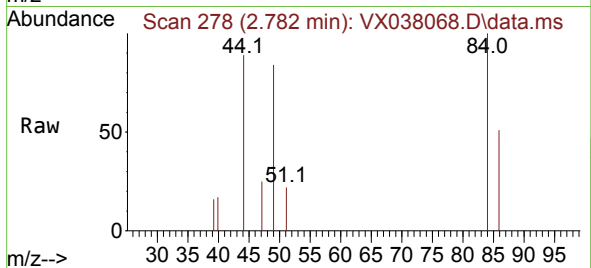
Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 472

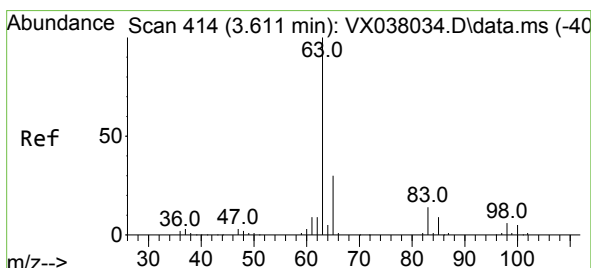
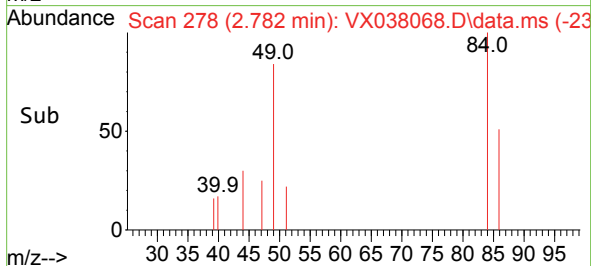
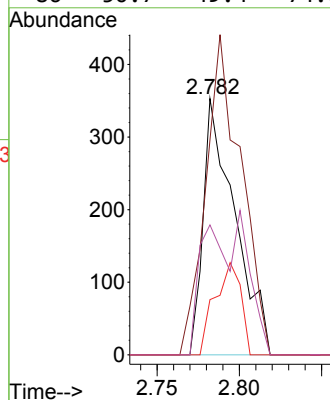
Ion Ratio Lower Upper

84 100

49 83.9 103.6 155.4#

51 21.5 33.8 50.6#

86 50.7 49.4 74.0



#24

1,1-Dichloroethane

Concen: 1.748 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

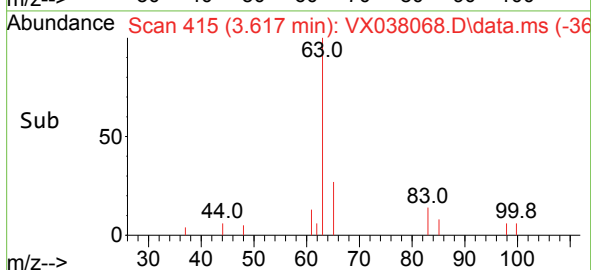
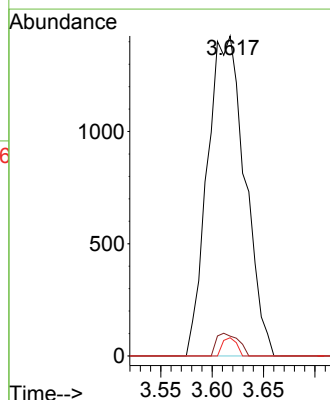
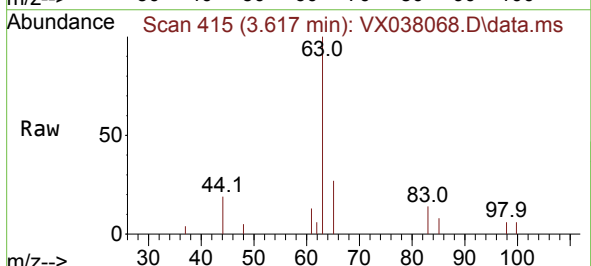
Tgt Ion: 63 Resp: 3614

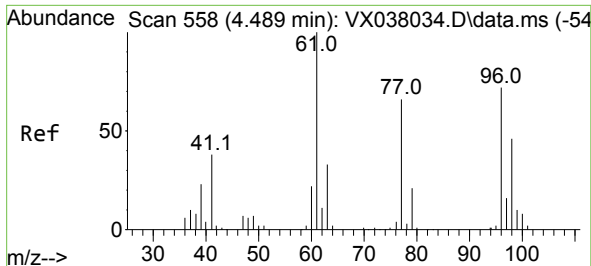
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 5.7 2.1 6.5

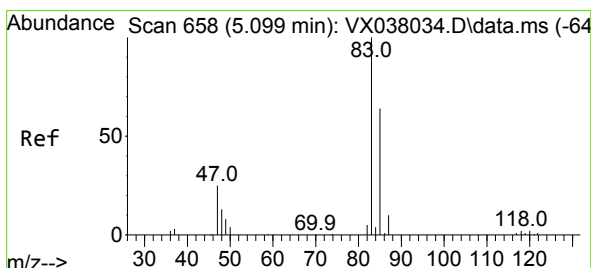
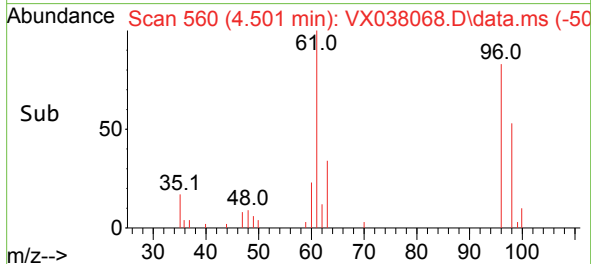
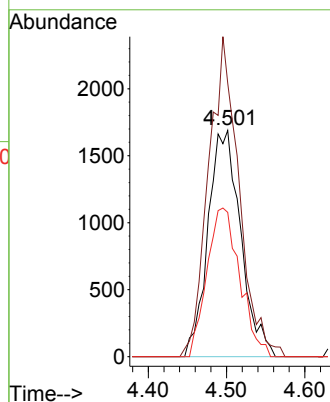
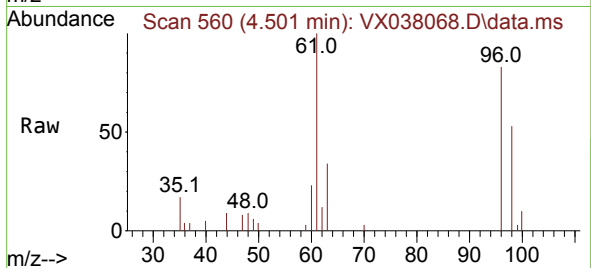




#27
 cis-1,2-Dichloroethene
 Concen: 3.798 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX038068.D
 Acq: 04 Oct 2023 16:21

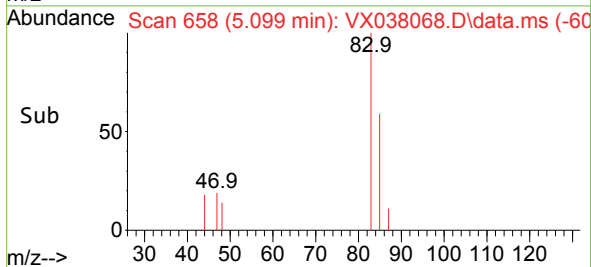
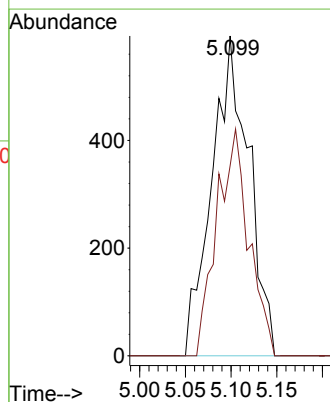
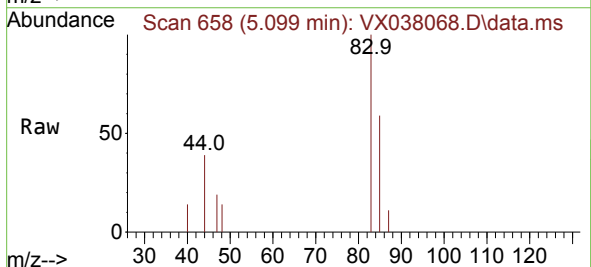
Instrument :
 MSVOA_X
 ClientSampleId :

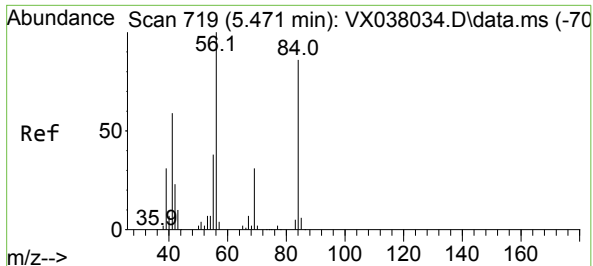
Tgt Ion: 96 Resp: 4892
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 312.2
 98 66.1 0.0 129.0



#30
 Chloroform
 Concen: 0.742 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX038068.D
 Acq: 04 Oct 2023 16:21

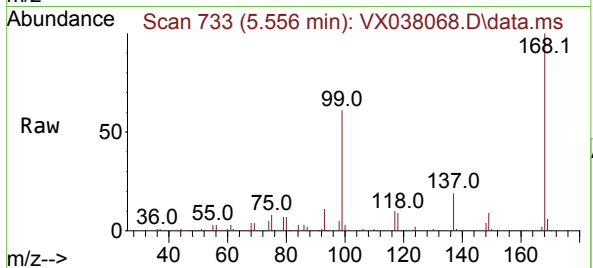
Tgt Ion: 83 Resp: 1670
 Ion Ratio Lower Upper
 83 100
 85 59.4 50.3 75.5



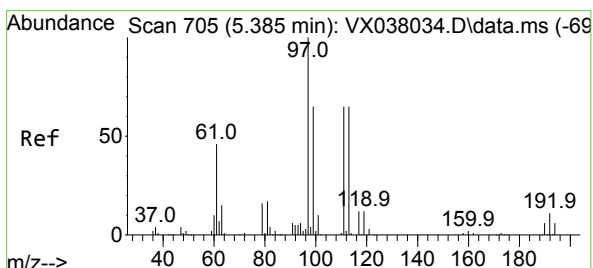
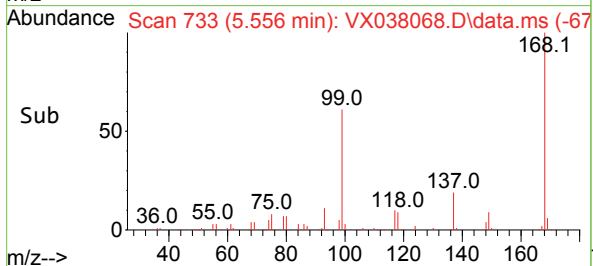
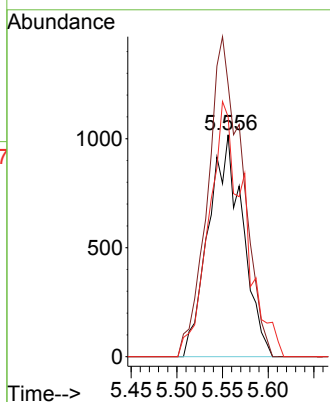


#31
Cyclohexane
Concen: 1.505 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :

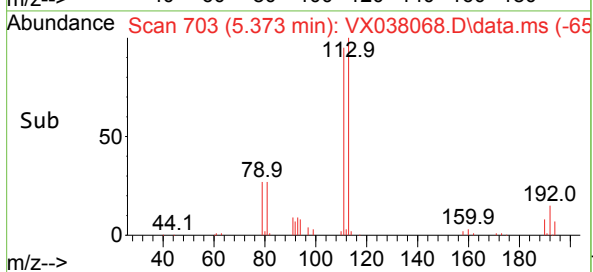
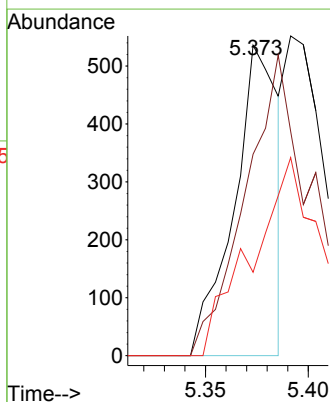
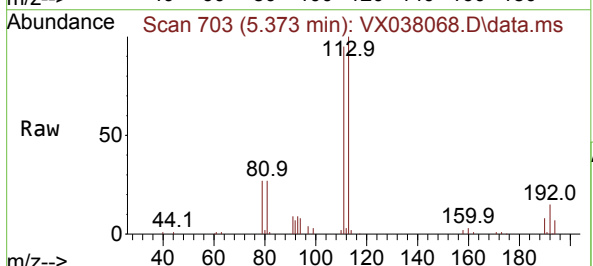


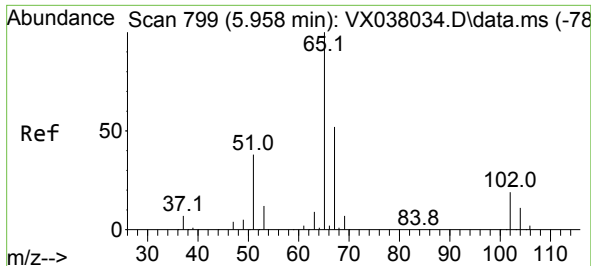
Tgt Ion: 56 Resp: 2659
Ion Ratio Lower Upper
56 100
69 122.7 23.4 35.2#
84 108.1 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.430 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Tgt Ion: 97 Resp: 806
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 97.8 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 49.022 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

Instrument :

MSVOA_X

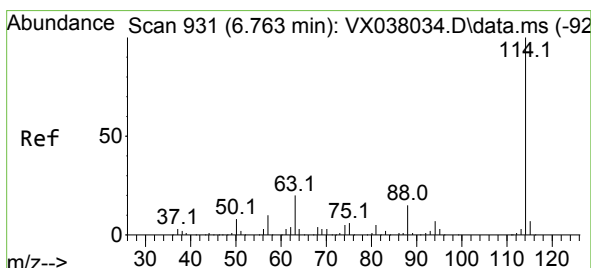
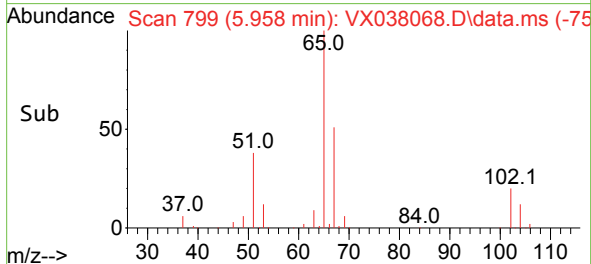
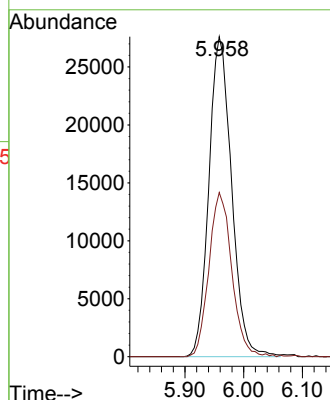
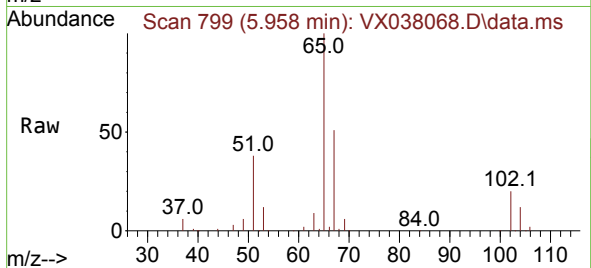
ClientSampleId :

Tgt Ion: 65 Resp: 74075

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

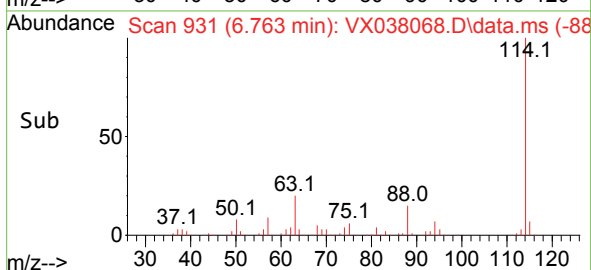
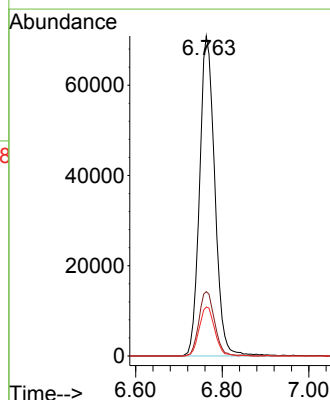
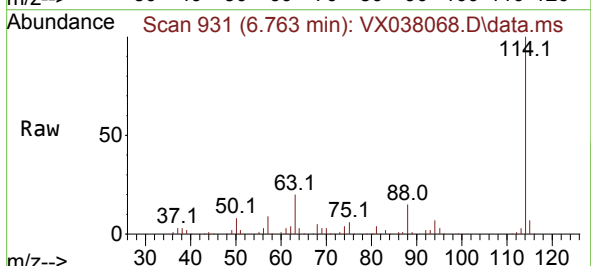
Tgt Ion: 114 Resp: 173082

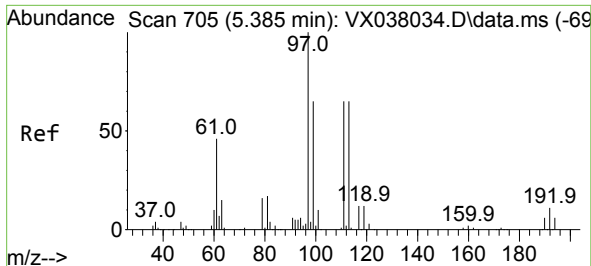
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

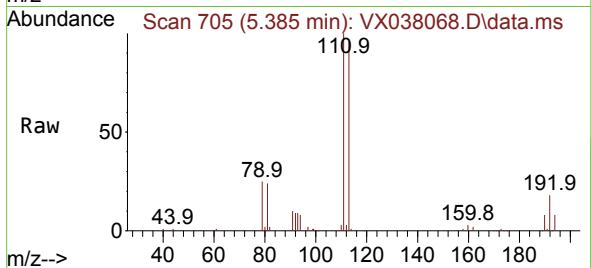
88 15.3 0.0 36.6



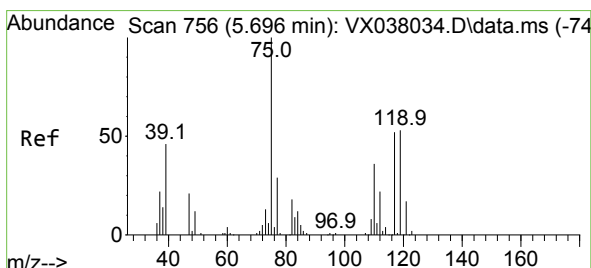
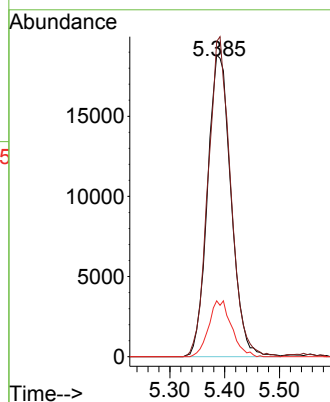
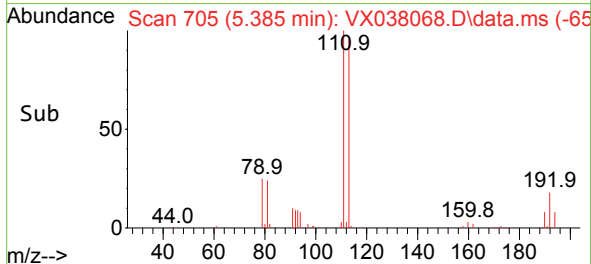


#35
Dibromofluoromethane
Concen: 47.182 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :

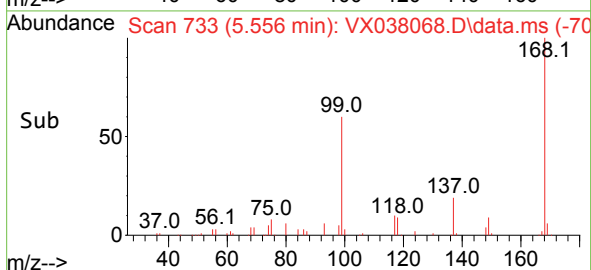
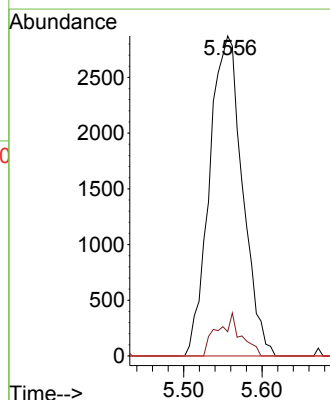
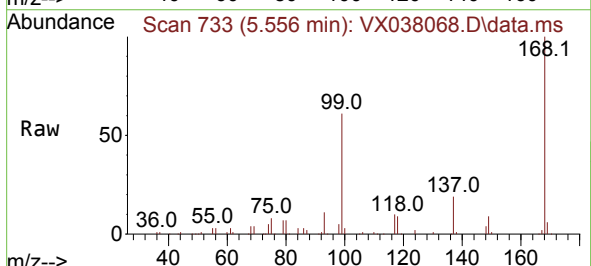


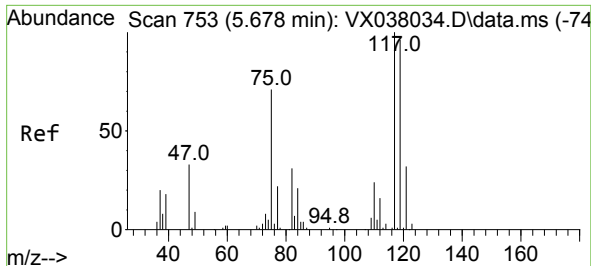
Tgt Ion:113 Resp: 56025
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

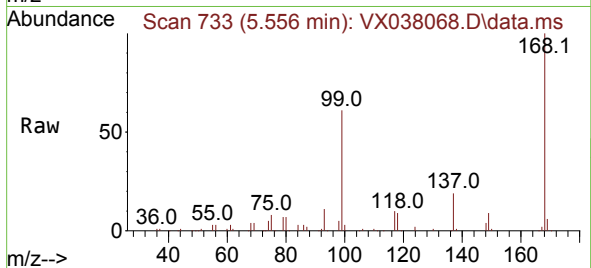
Tgt Ion: 75 Resp: 8414
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



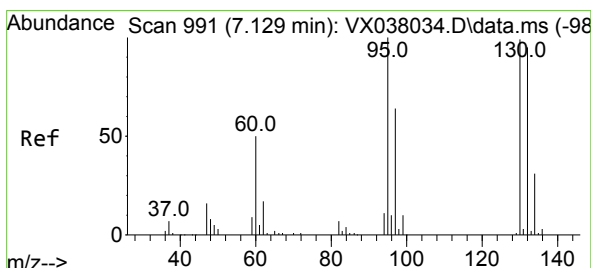
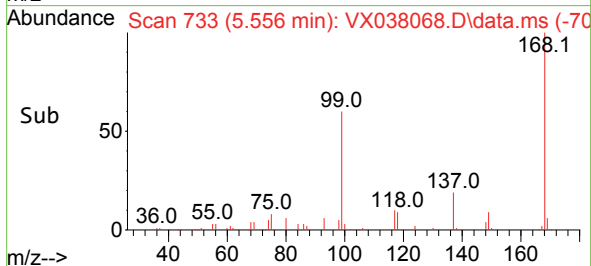
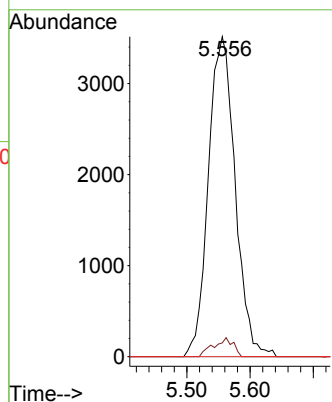


#38
Carbon Tetrachloride
Concen: 6.073 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :

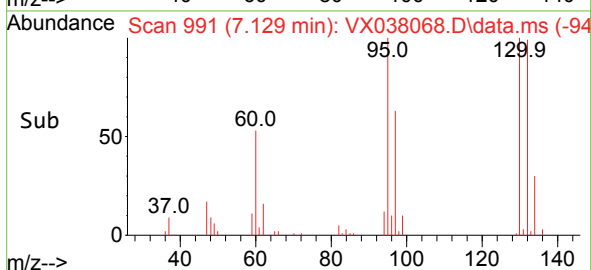
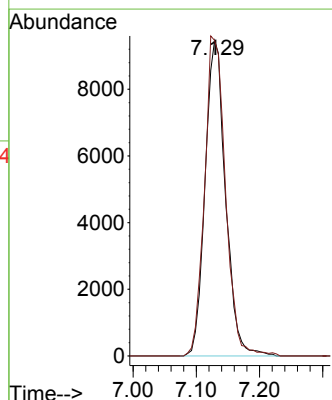
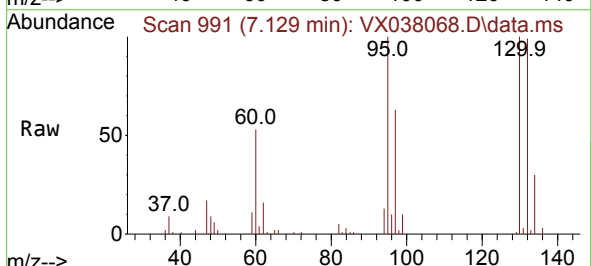


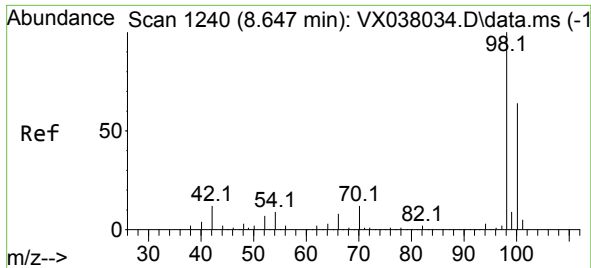
Tgt Ion:117 Resp: 10342
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 15.950 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Tgt Ion:130 Resp: 21248
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4

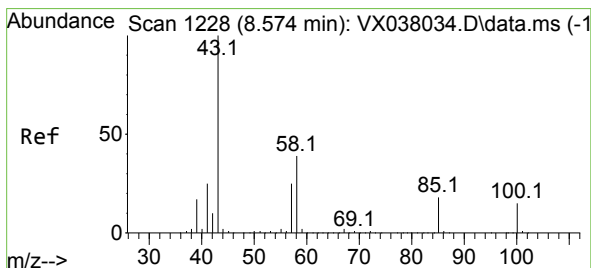
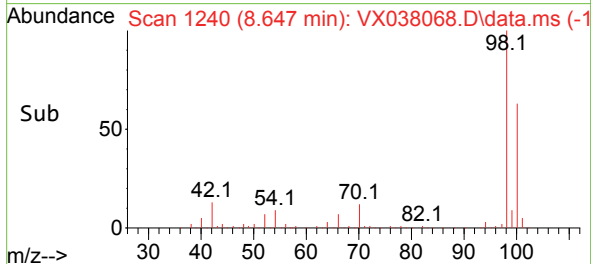
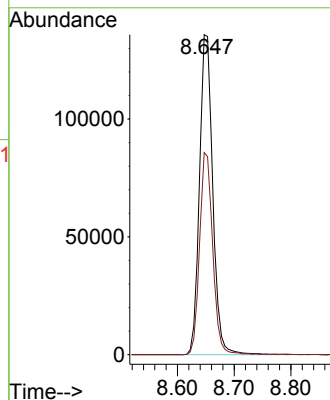
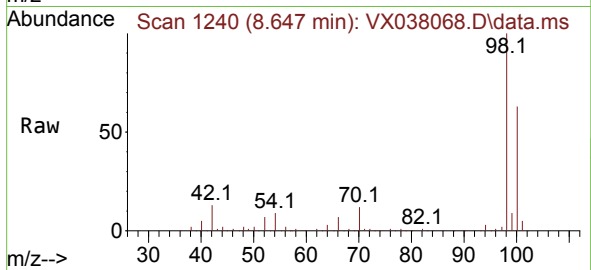




#50
Toluene-d8
Concen: 48.599 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

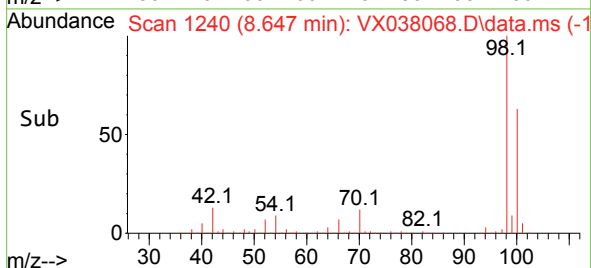
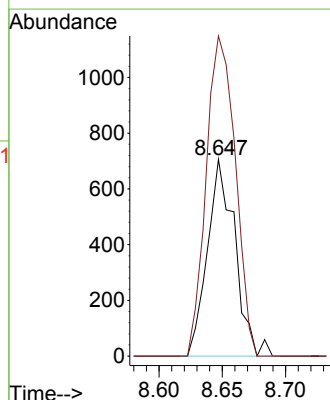
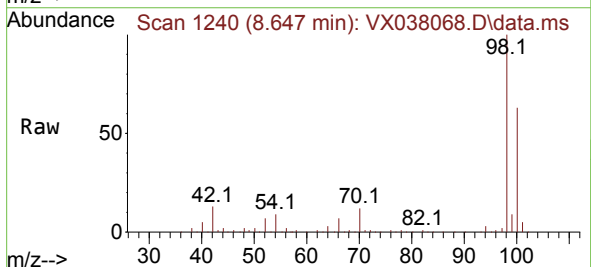
Instrument :
MSVOA_X
ClientSampleId :

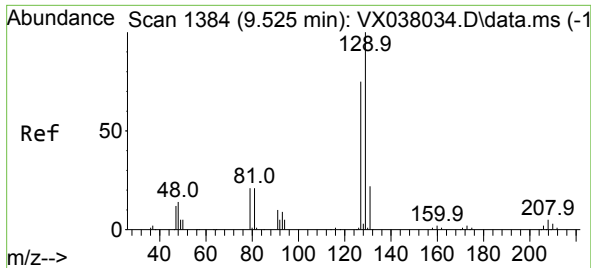
Tgt Ion: 98 Resp: 220845
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 173.1 30.4 45.6#

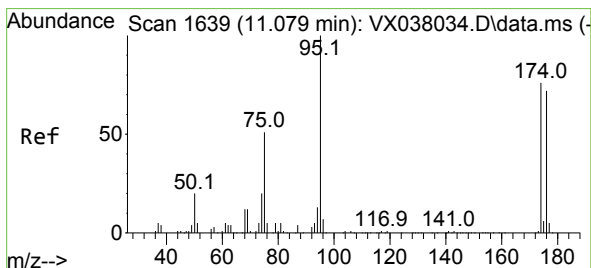
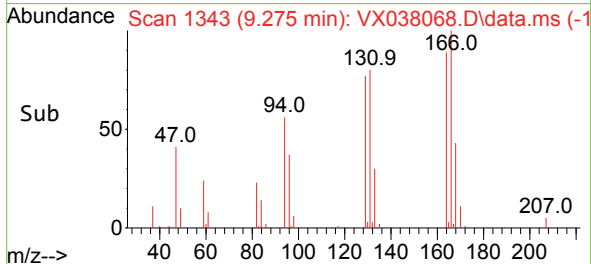
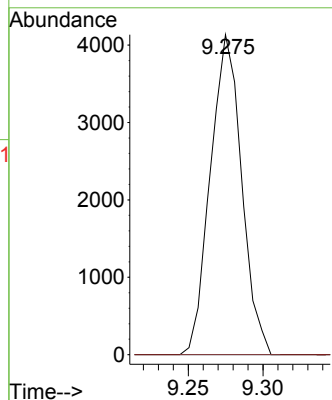
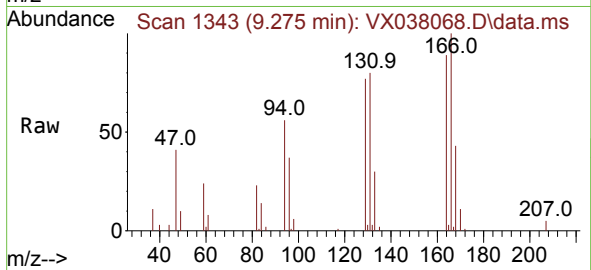




#60
Dibromochloromethane
Concen: 4.814 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

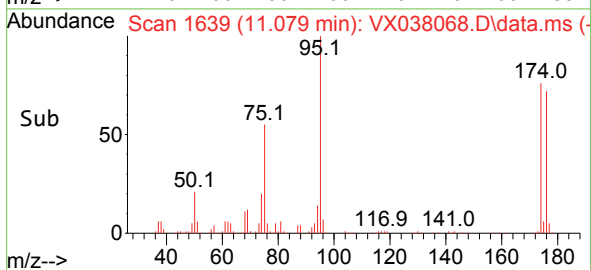
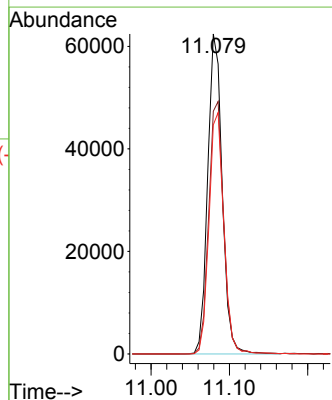
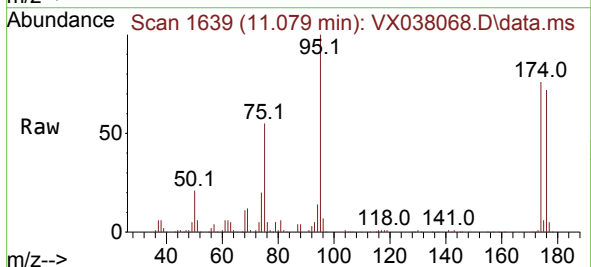
Instrument :
MSVOA_X
ClientSampleId :

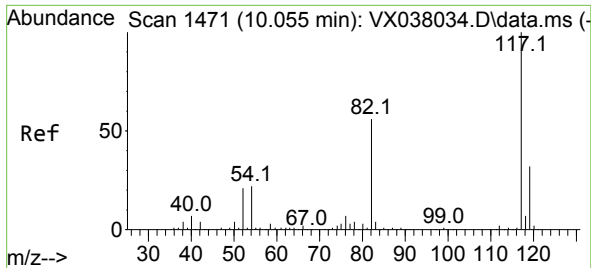
Tgt Ion:129 Resp: 6011
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

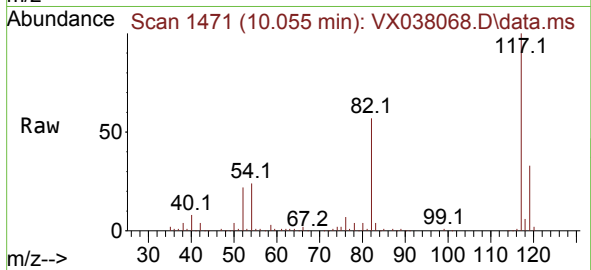
Tgt Ion: 95 Resp: 79931
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 77.4 0.0 131.0



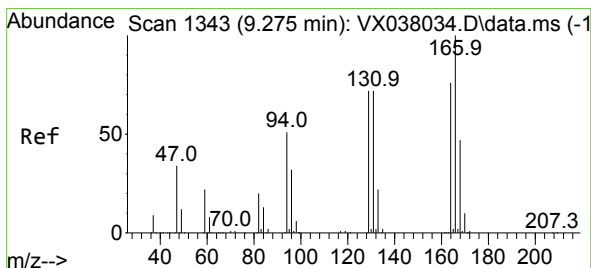
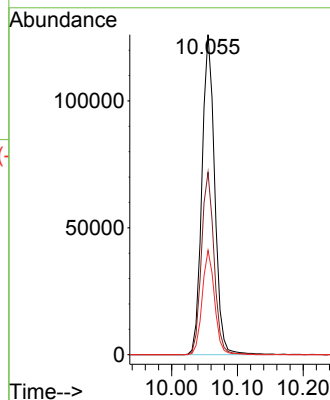
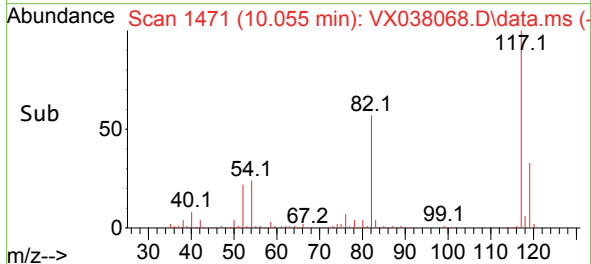


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :

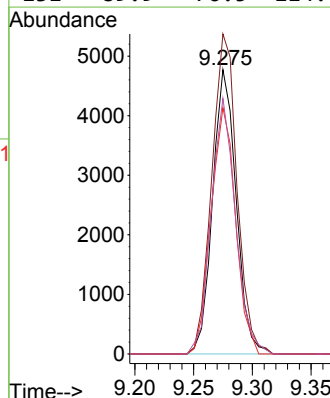
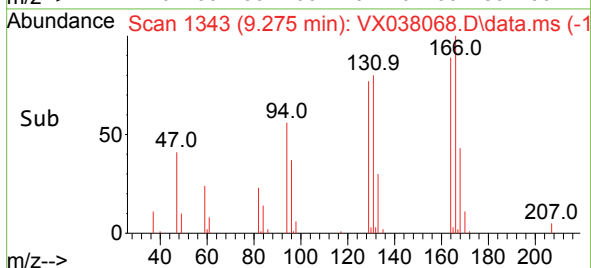
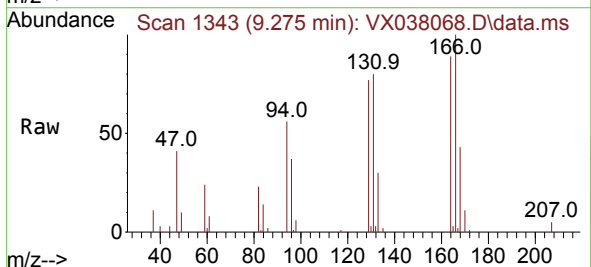


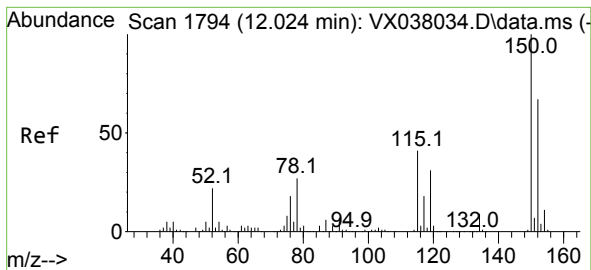
Tgt Ion:117 Resp: 170440
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 5.855 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Tgt Ion:164 Resp: 6640
Ion Ratio Lower Upper
164 100
166 112.6 102.7 154.1
129 86.7 80.4 120.6
131 89.9 76.5 114.7

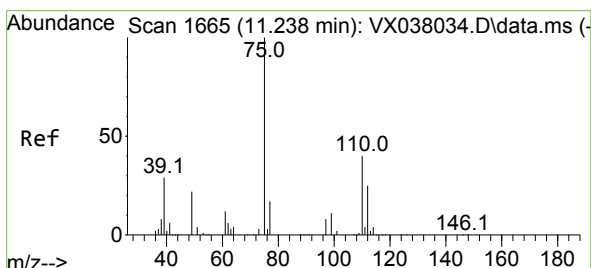
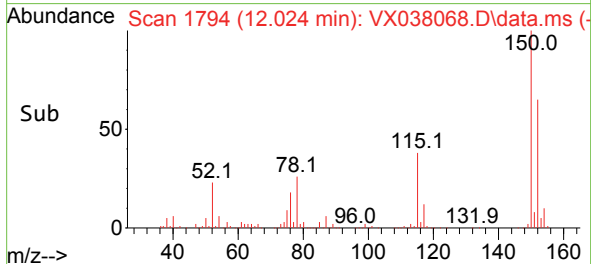
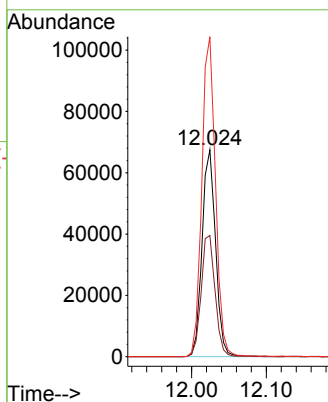
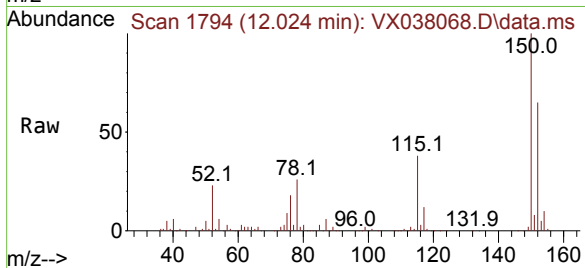




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038068.D
 Acq: 04 Oct 2023 16:21

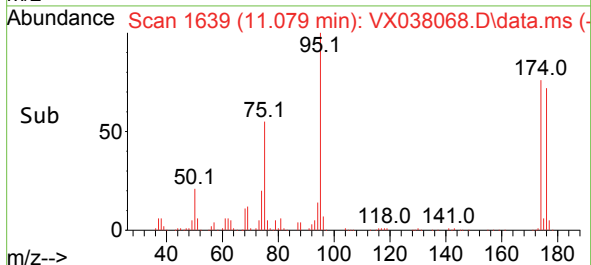
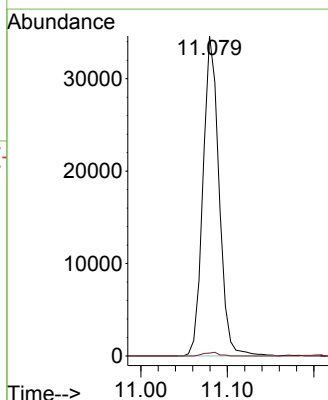
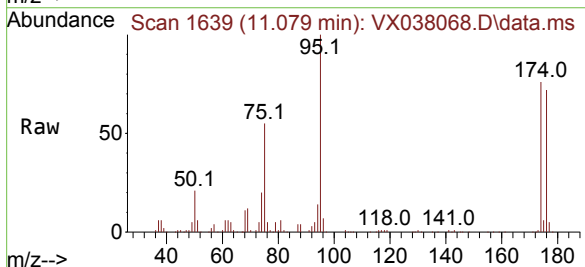
Instrument :
 MSVOA_X
 ClientSampleId :

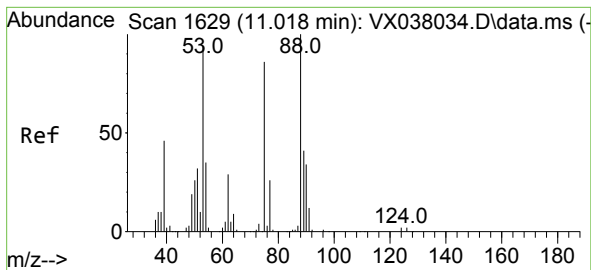
Tgt Ion:152 Resp: 84912
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.3 129.9
 150 156.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.682 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038068.D
 Acq: 04 Oct 2023 16:21

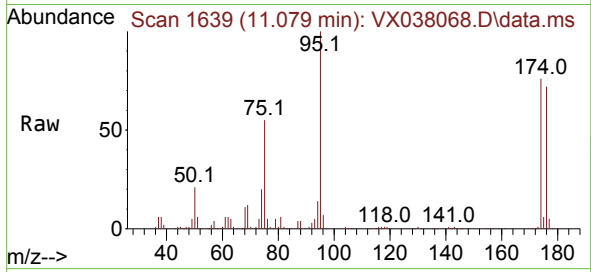
Tgt Ion: 75 Resp: 44615
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.602 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038068.D
 Acq: 04 Oct 2023 16:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44615
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

