

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038066.D
 Acq On : 04 Oct 2023 15:34
 Operator : JC/MD
 Sample : 04656-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:03:12 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)

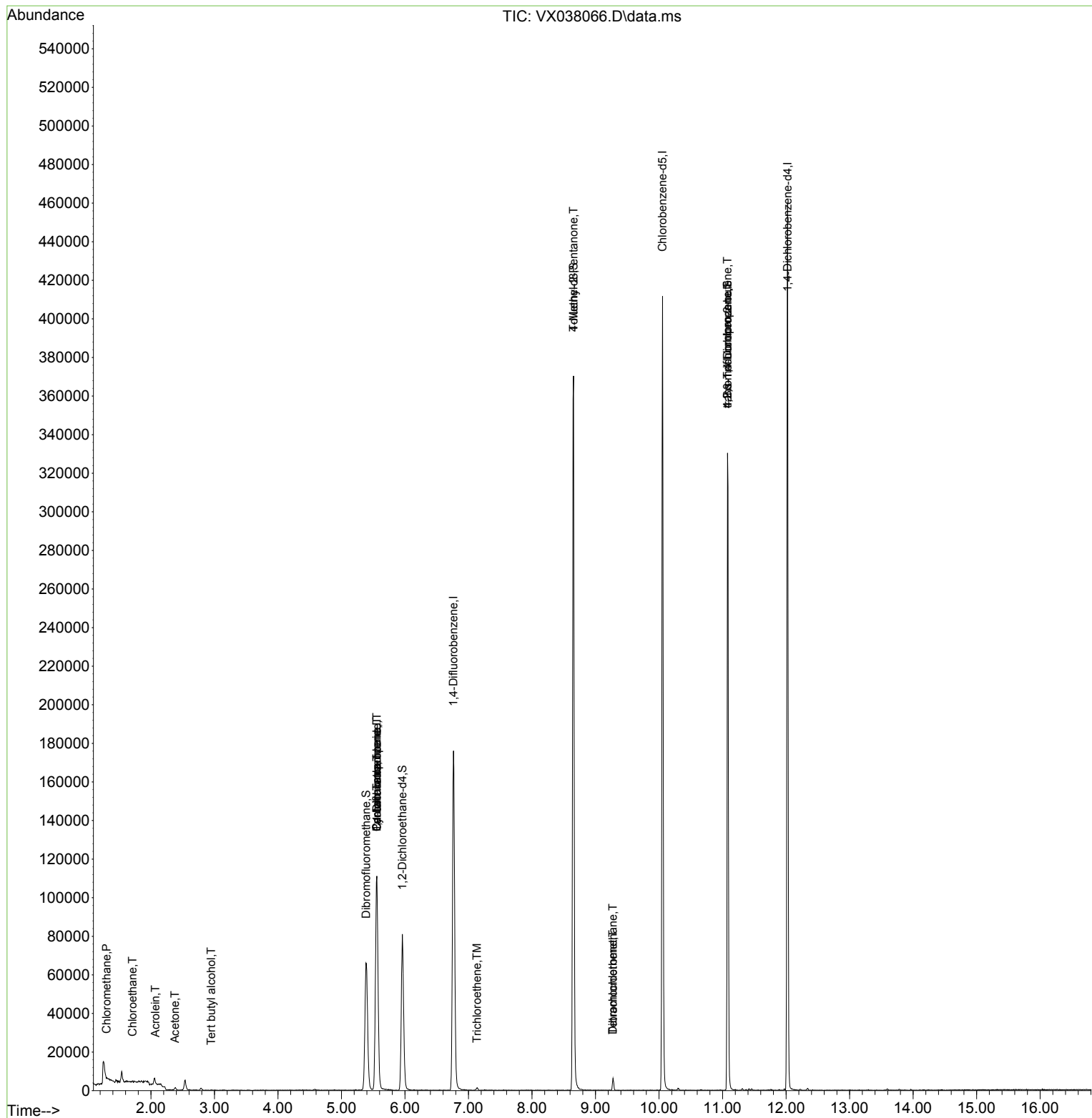
Internal Standards						
1) Pentafluorobenzene	5.556	168	103000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73342	45.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.520%
35) Dibromofluoromethane	5.385	113	57128	46.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.653	98	225400	48.045	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.100%
62) 4-Bromofluorobenzene	11.079	95	82966	48.592	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	321	0.238	ug/l #	43
6) Chloroethane	1.709	64	216	0.236	ug/l #	85
11) Tert butyl alcohol	2.947	59	78	0.217	ug/l #	78
13) Acrolein	2.069	56	49	0.238	ug/l #	73
16) Acetone	2.380	43	1410	2.003	ug/l	94
20) Methylene Chloride	2.788	84	515	Below Cal	#	88
31) Cyclohexane	5.556	56	2502	1.335	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	8651	4.789	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11091	6.309	ug/l #	15
44) Trichloroethene	7.135	130	482	0.350	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	1177	0.539	ug/l #	1
60) Dibromochloromethane	9.275	129	1022	0.793	ug/l #	11
64) Tetrachloroethene	9.275	164	983	0.837	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	47682	22.434	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	47682	75.765	ug/l #	5

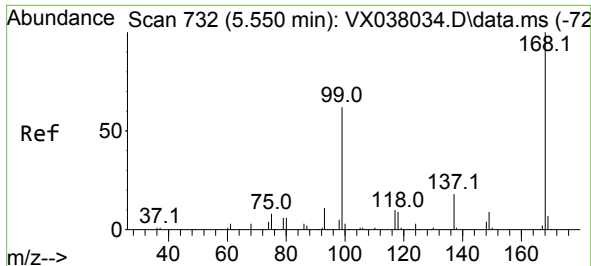
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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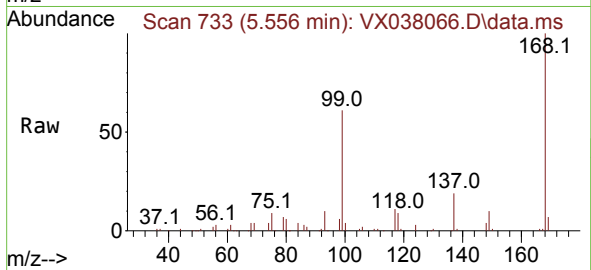
Quant Time: Oct 05 01:03:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration



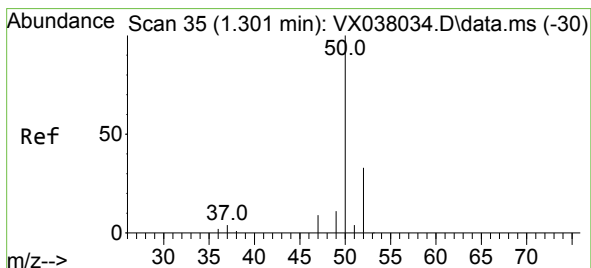
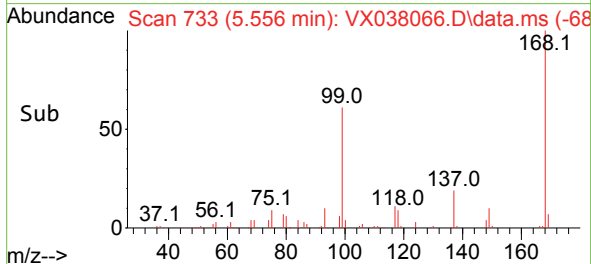
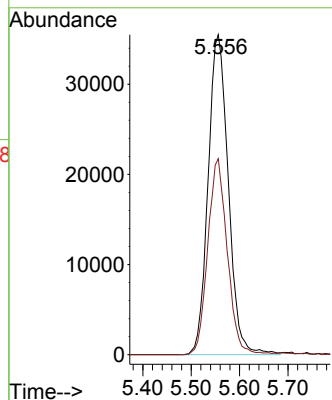


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :

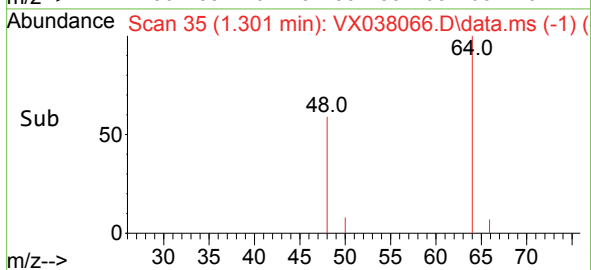
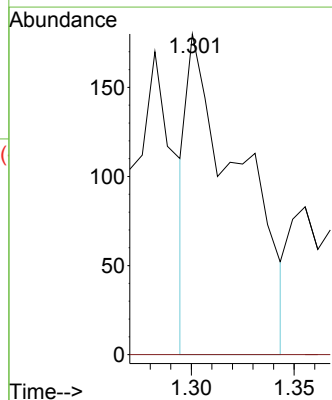
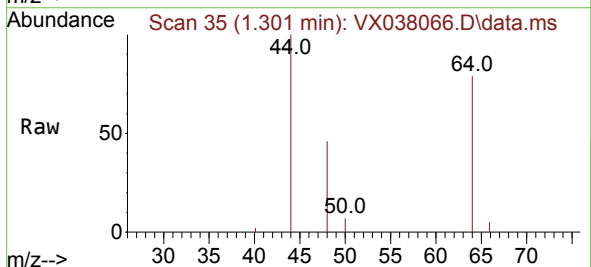


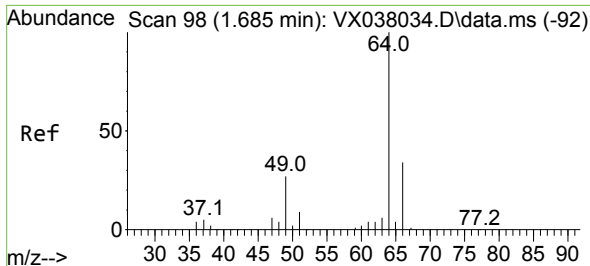
Tgt Ion:168 Resp: 103000
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

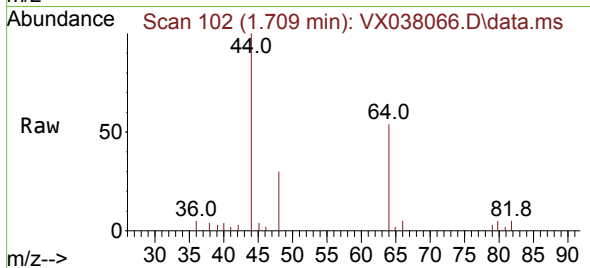
Tgt Ion: 50 Resp: 321
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



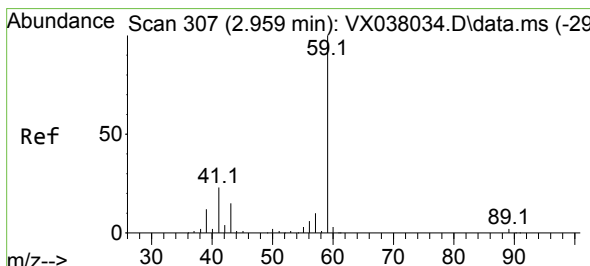
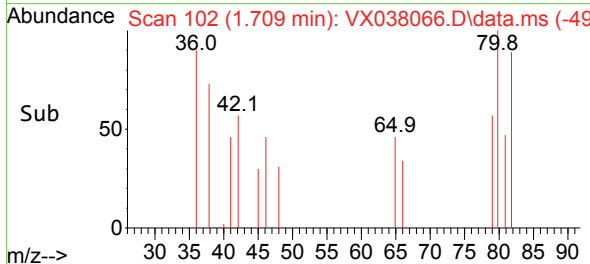
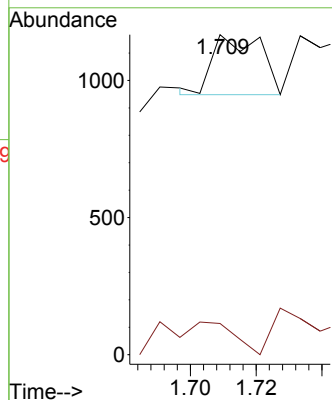


#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :

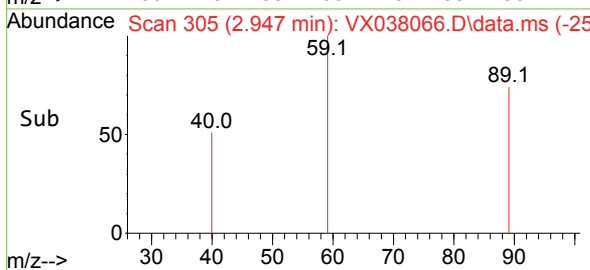
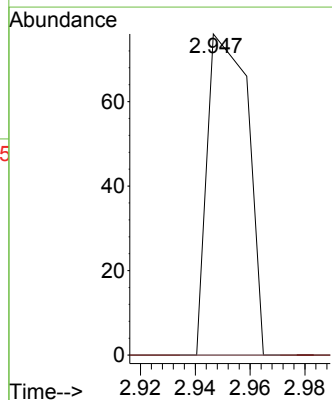
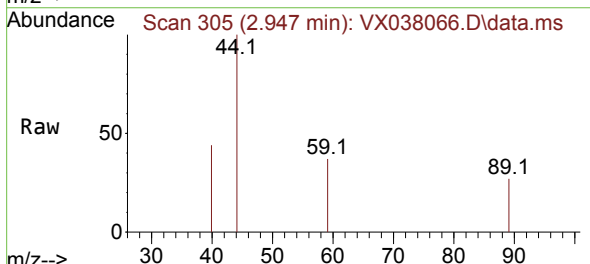


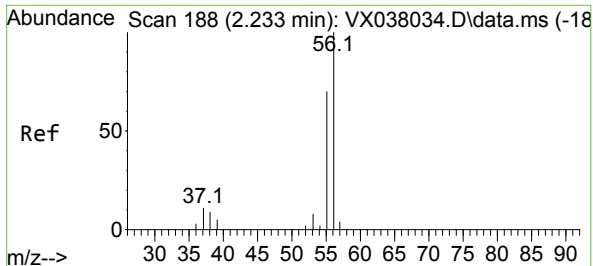
Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 23.3 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.217 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.238 ug/l

RT: 2.069 min Scan# 1

Delta R.T. -0.164 min

Lab File: VX038066.D

Acq: 04 Oct 2023 15:34

Instrument :

MSVOA_X

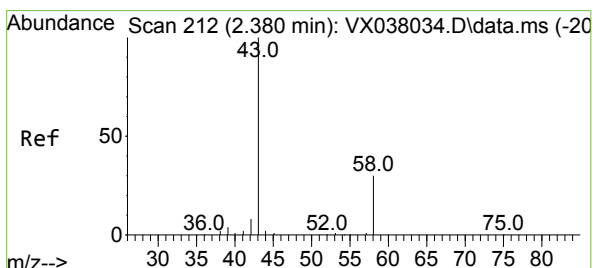
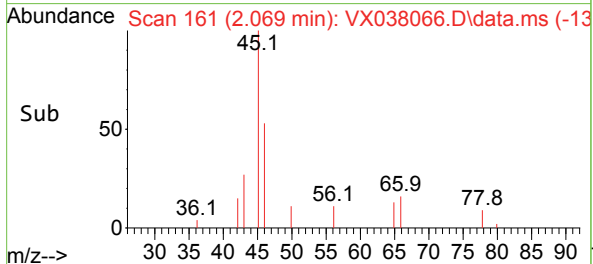
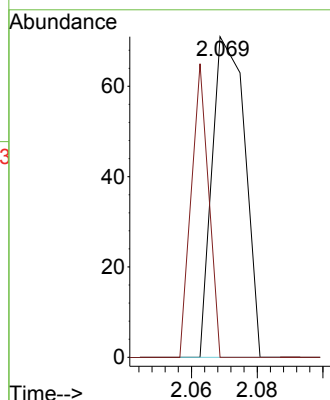
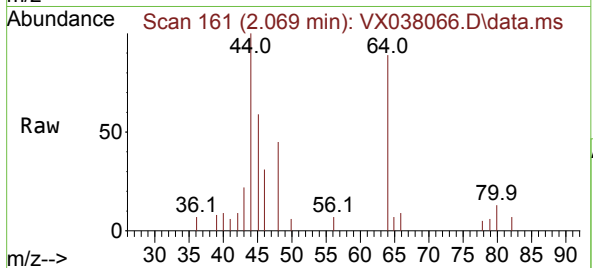
ClientSampleId :

Tgt Ion: 56 Resp: 49

Ion Ratio Lower Upper

56 100

55 49.0 57.1 85.7#



#16

Acetone

Concen: 2.003 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038066.D

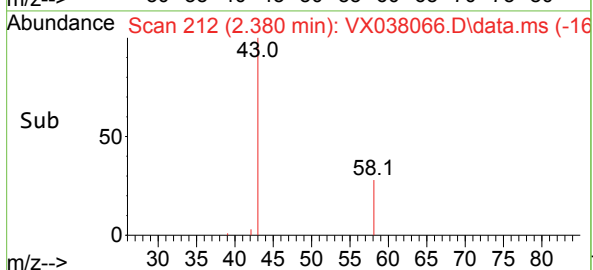
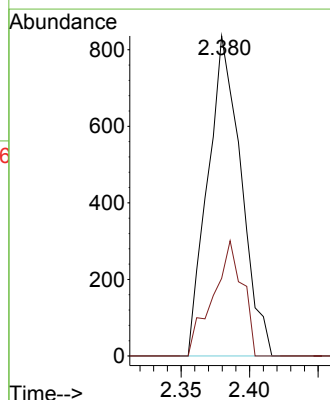
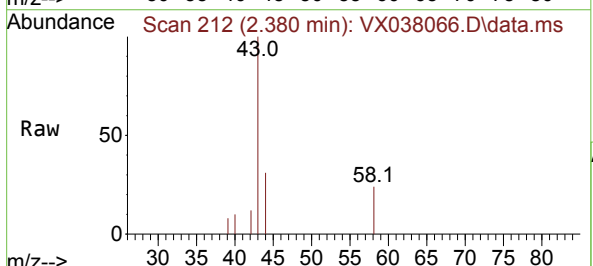
Acq: 04 Oct 2023 15:34

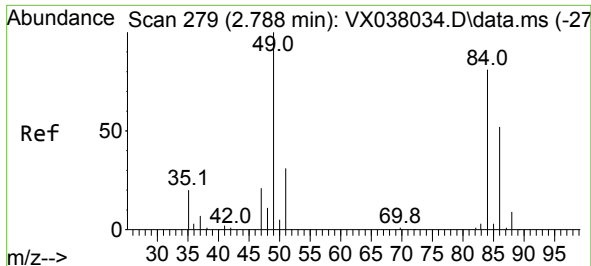
Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

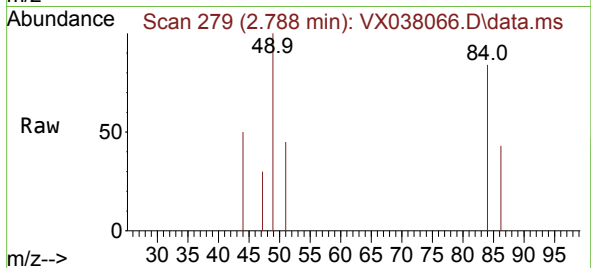
58 24.3 21.9 32.9



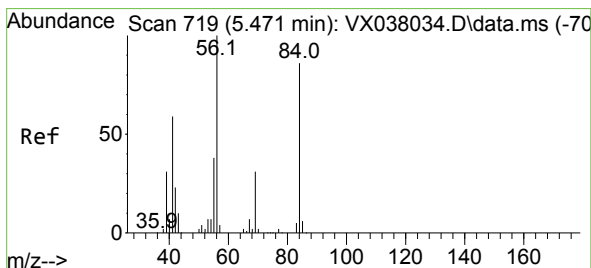
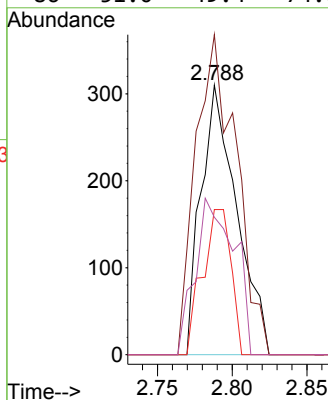
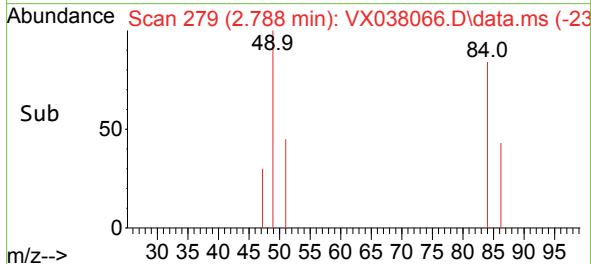


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

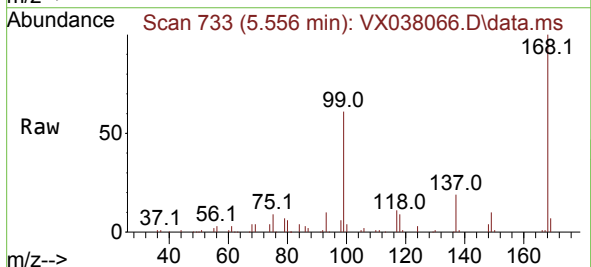
Instrument :
MSVOA_X
ClientSampleId :



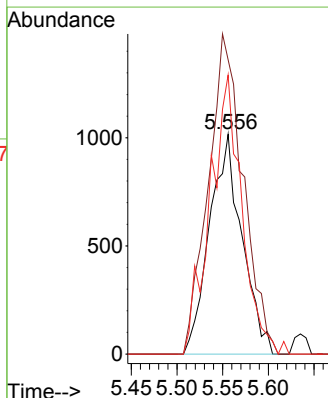
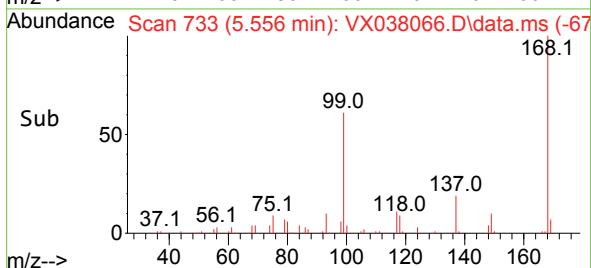
Tgt Ion:	84	Resp:	515
Ion	Ratio	Lower	Upper
84	100		
49	118.7	103.6	155.4
51	53.9	33.8	50.6#
86	51.0	49.4	74.0

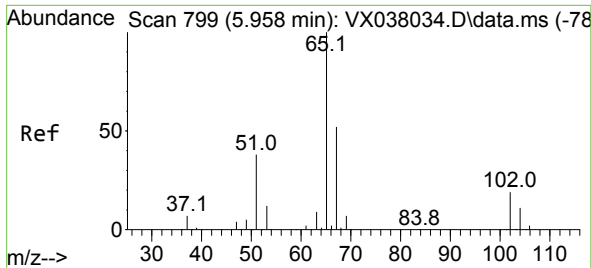


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34



Tgt Ion:	56	Resp:	2502
Ion	Ratio	Lower	Upper
56	100		
69	134.0	23.4	35.2#
84	127.0	65.9	98.9#

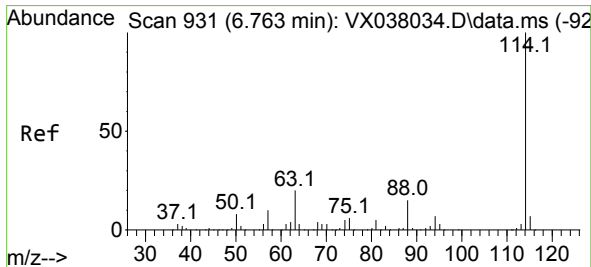
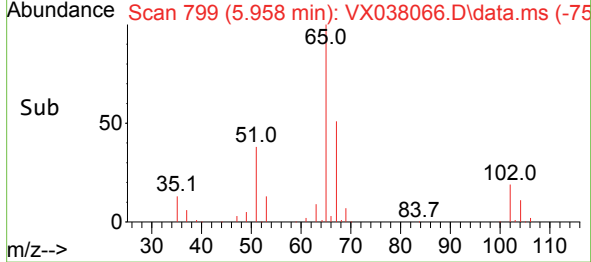
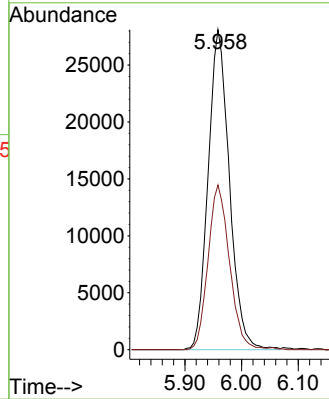
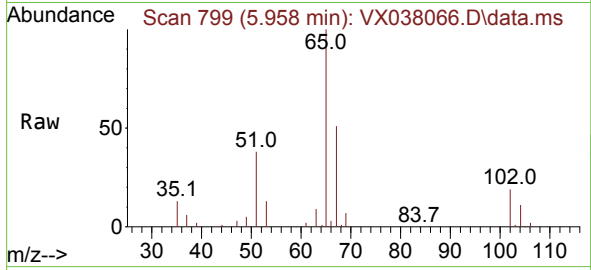




#33
 1,2-Dichloroethane-d4
 Concen: 45.763 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038066.D
 Acq: 04 Oct 2023 15:34

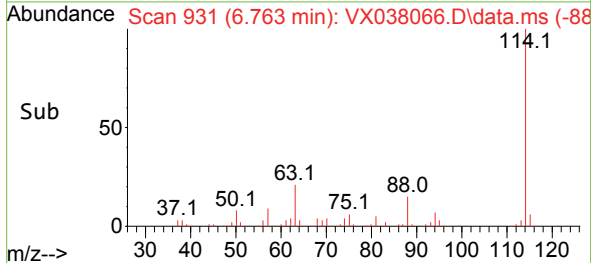
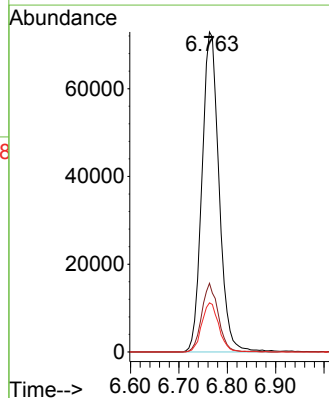
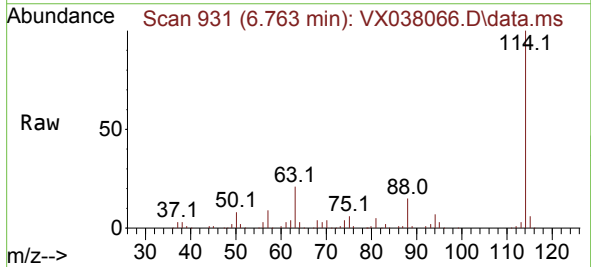
Instrument :
 MSVOA_X
 ClientSampleId :

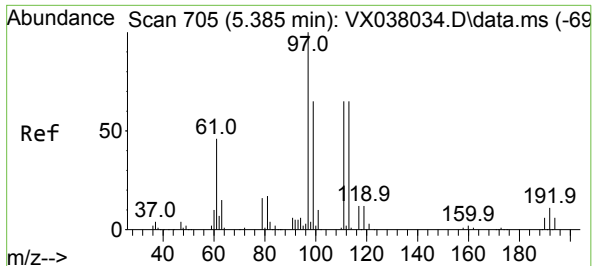
Tgt Ion: 65 Resp: 73342
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038066.D
 Acq: 04 Oct 2023 15:34

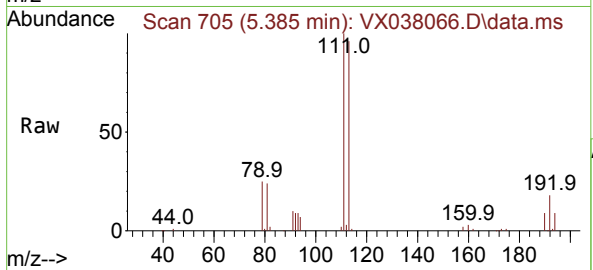
Tgt Ion:114 Resp: 178688
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 15.3 0.0 36.6



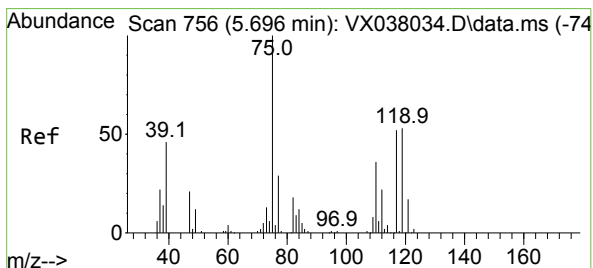
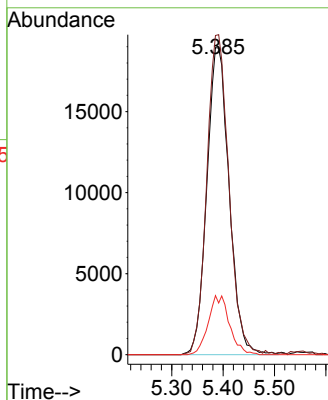
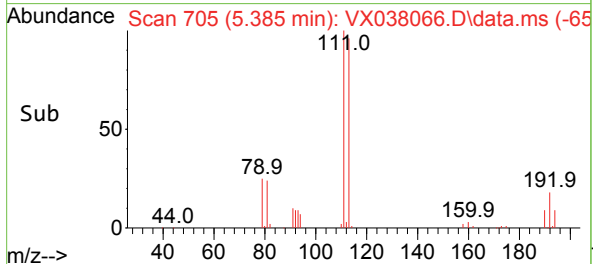


#35
Dibromofluoromethane
Concen: 46.602 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :

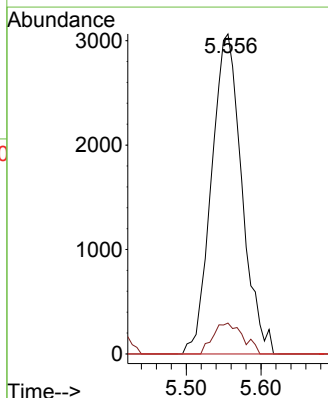
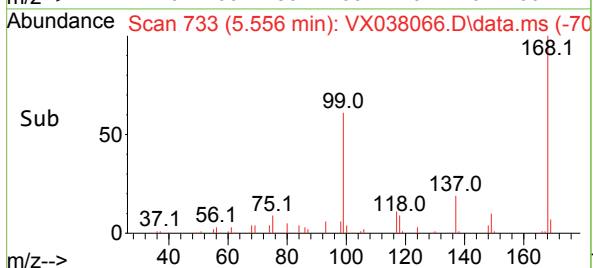
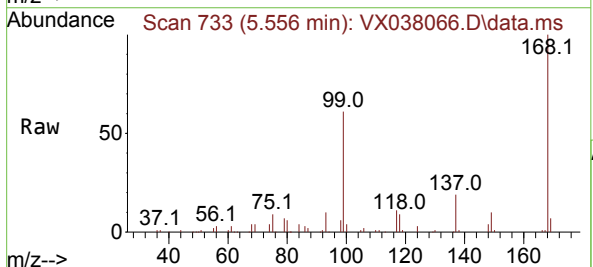


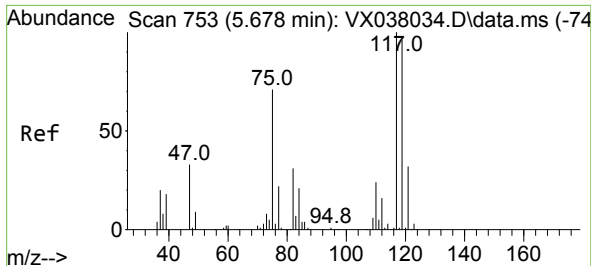
Tgt Ion:113 Resp: 57128
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.789 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

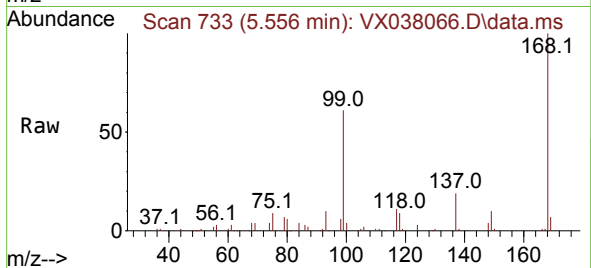
Tgt Ion: 75 Resp: 8651
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



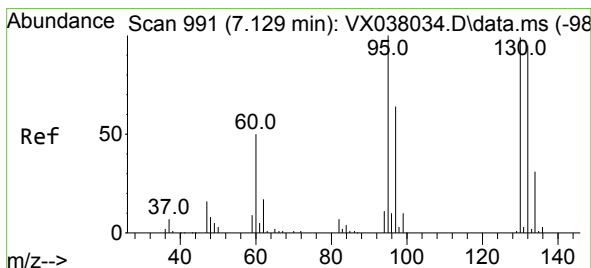
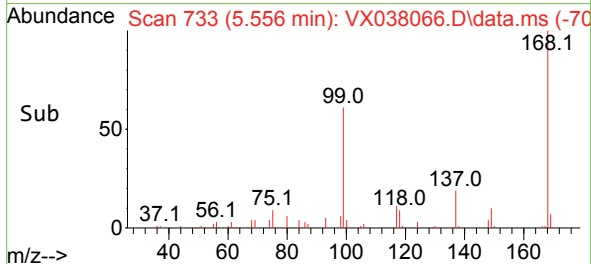
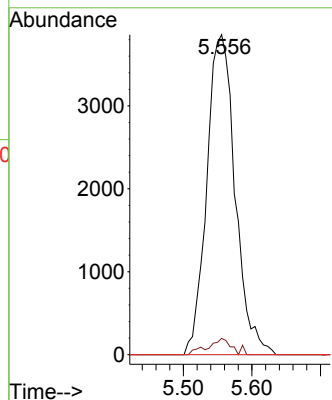


#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :

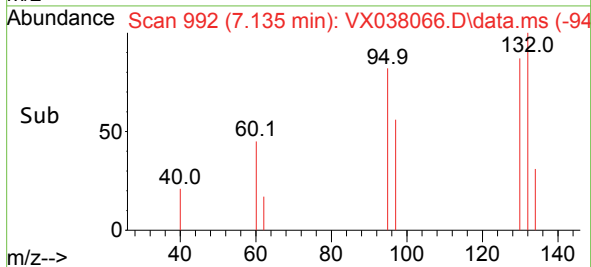
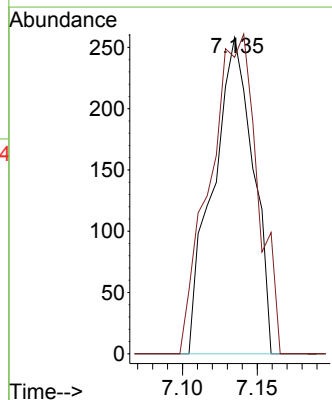
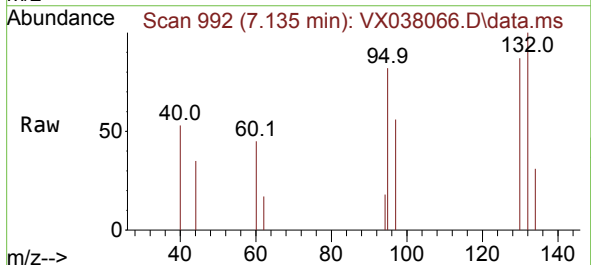


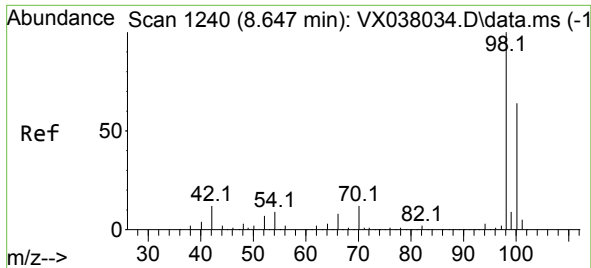
Tgt Ion:117 Resp: 11091
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.350 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

Tgt Ion:130 Resp: 482
Ion Ratio Lower Upper
130 100
95 93.8 0.0 204.4

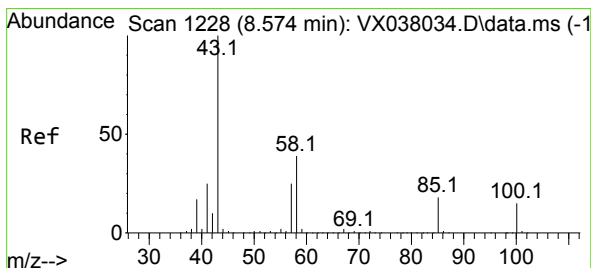
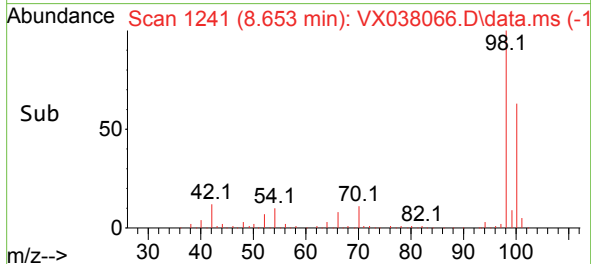
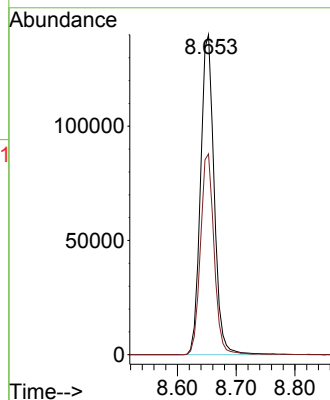
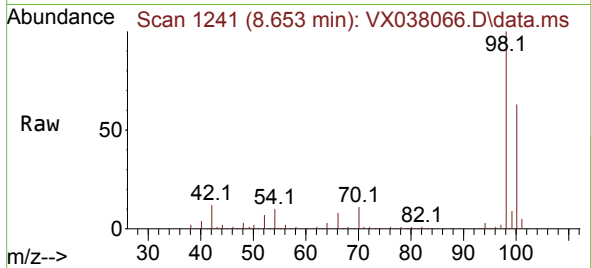




#50
Toluene-d8
Concen: 48.045 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

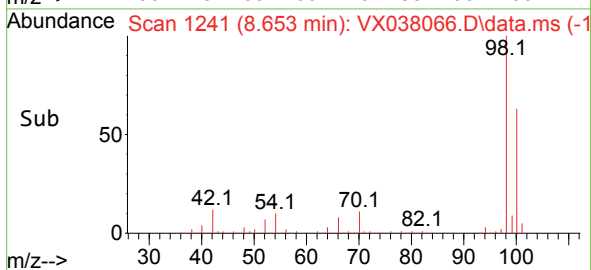
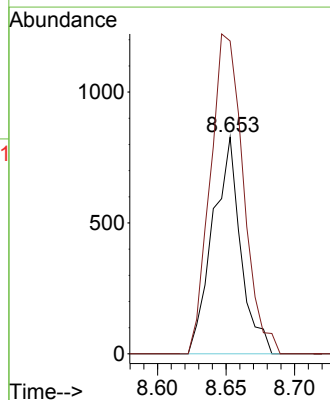
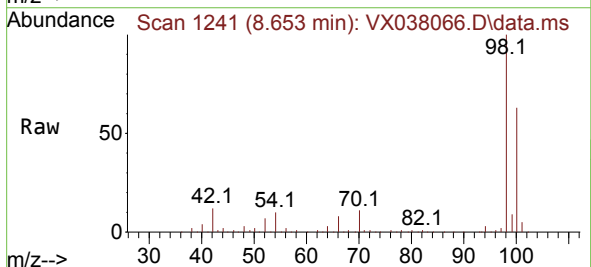
Instrument :
MSVOA_X
ClientSampleId :

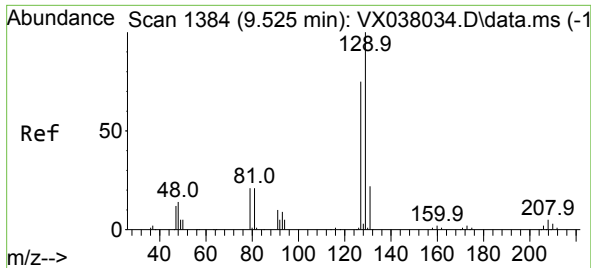
Tgt Ion: 98 Resp: 225400
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 174.0 30.4 45.6#

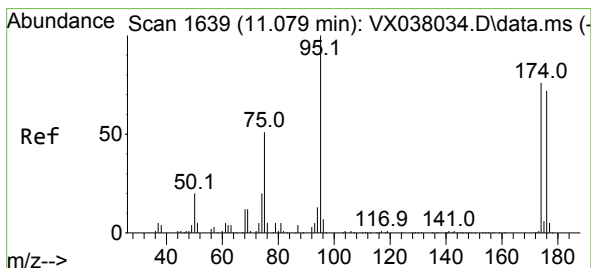
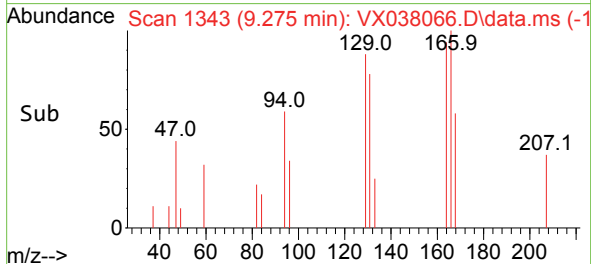
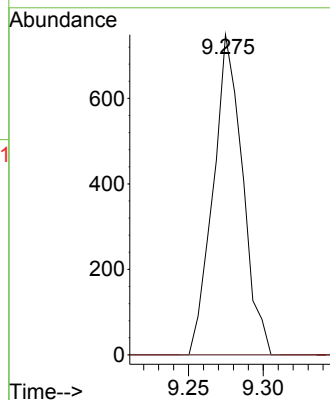
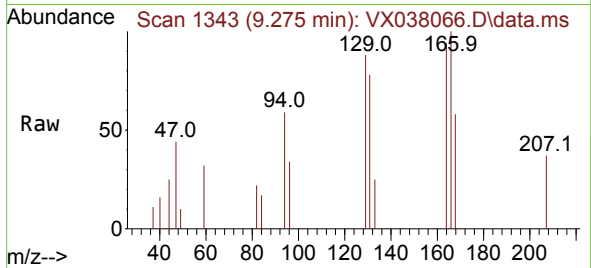




#60
Dibromochloromethane
Concen: 0.793 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

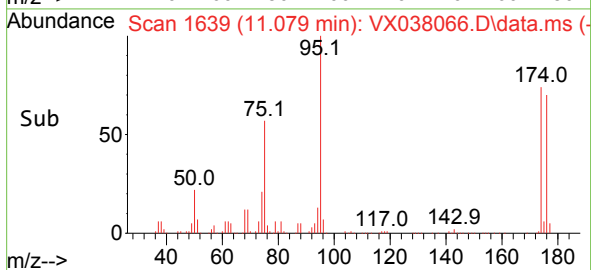
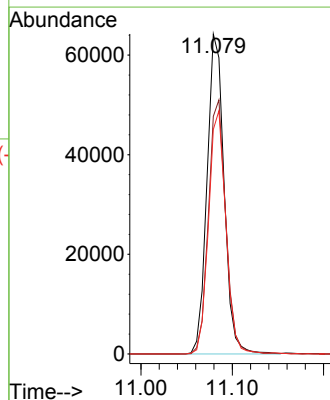
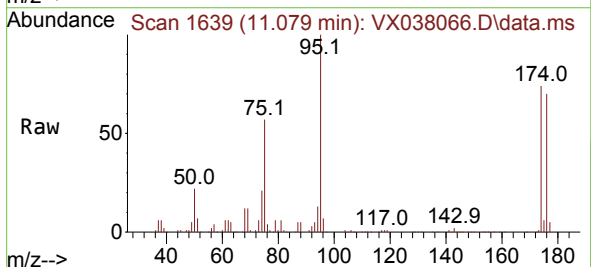
Instrument :
MSVOA_X
ClientSampleId :

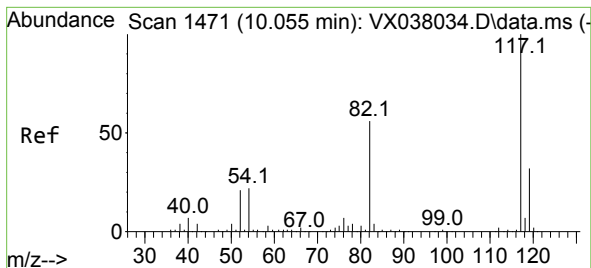
Tgt Ion:129 Resp: 1022
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

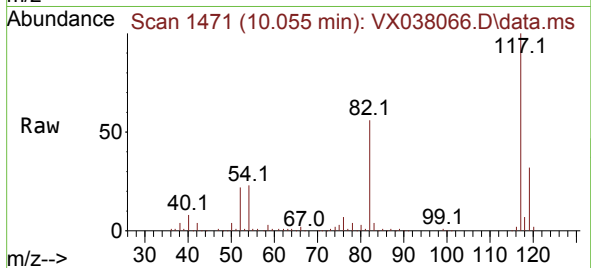
Tgt Ion: 95 Resp: 82966
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 77.4 0.0 131.0



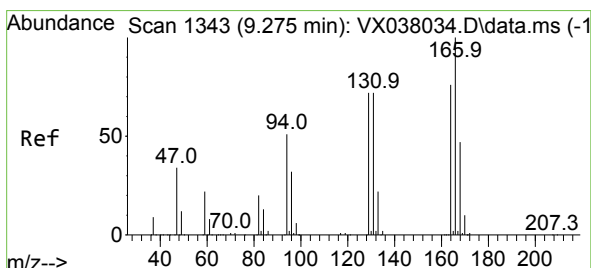
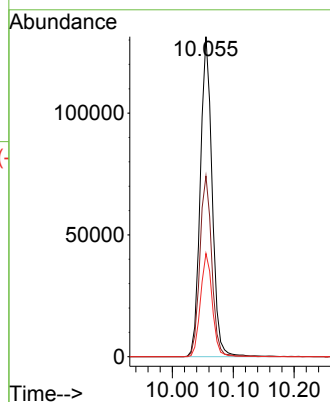
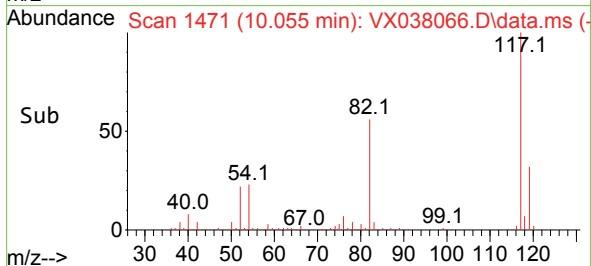


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34

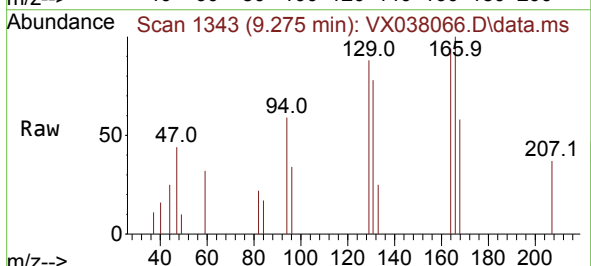
Instrument :
MSVOA_X
ClientSampleId :



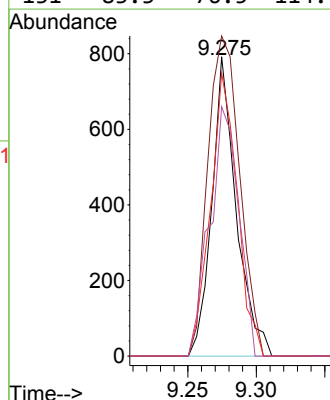
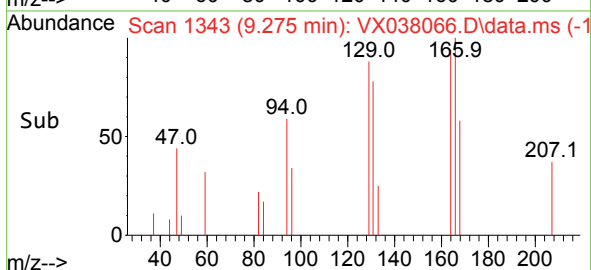
Tgt Ion:117 Resp: 176595
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.3 25.5 38.3

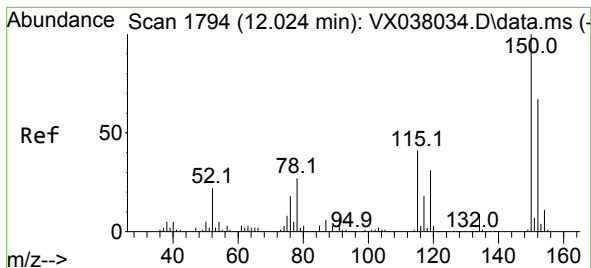


#64
Tetrachloroethene
Concen: 0.837 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038066.D
Acq: 04 Oct 2023 15:34



Tgt Ion:164 Resp: 983
Ion Ratio Lower Upper
164 100
166 106.9 102.7 154.1
129 94.6 80.4 120.6
131 83.3 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038066.D

Acq: 04 Oct 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

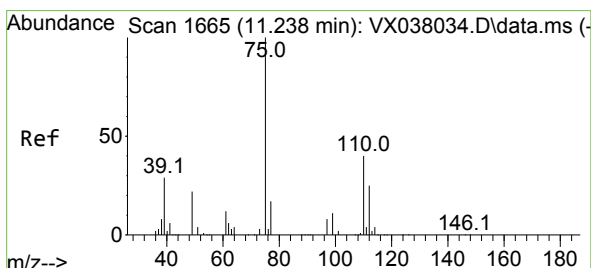
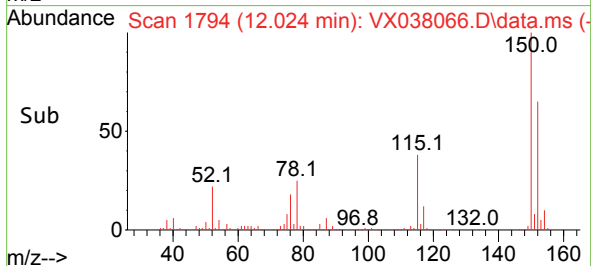
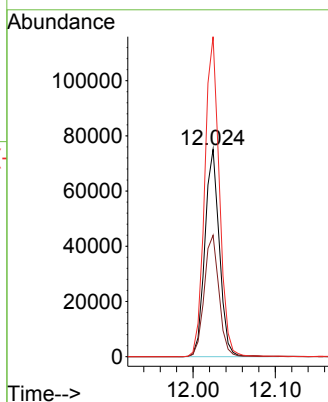
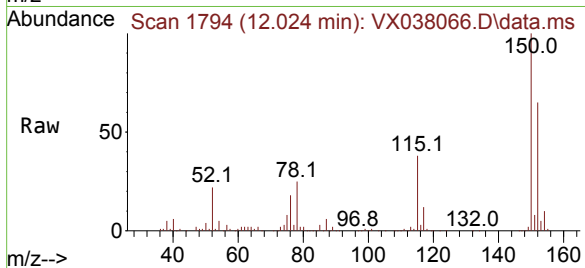
Tgt Ion:152 Resp: 91752

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.434 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038066.D

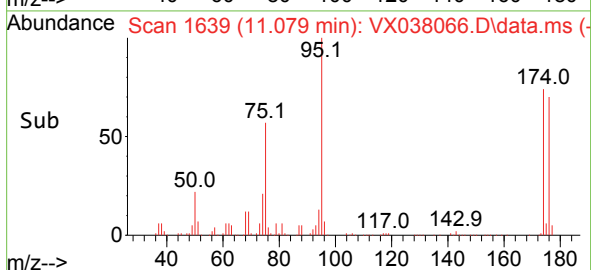
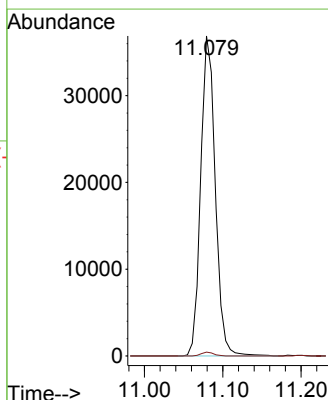
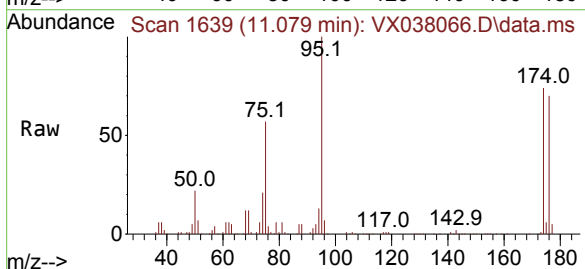
Acq: 04 Oct 2023 15:34

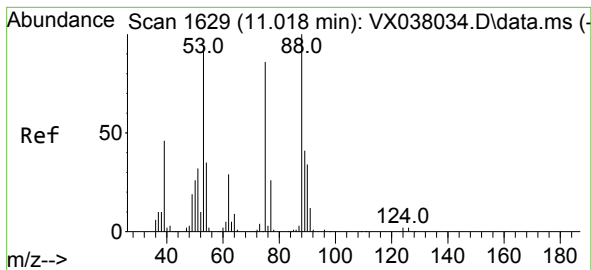
Tgt Ion: 75 Resp: 47682

Ion Ratio Lower Upper

75 100

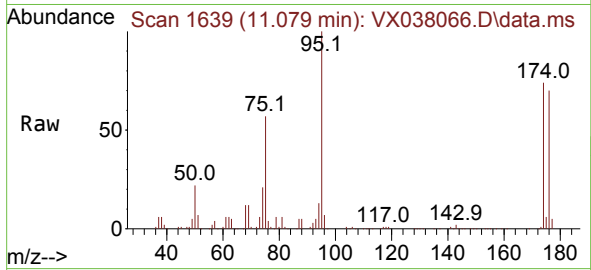
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.765 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038066.D
 Acq: 04 Oct 2023 15:34

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47682
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

