

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038234.D
 Acq On : 11 Oct 2023 17:05
 Operator : JC/MD
 Sample : 04803-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:47:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

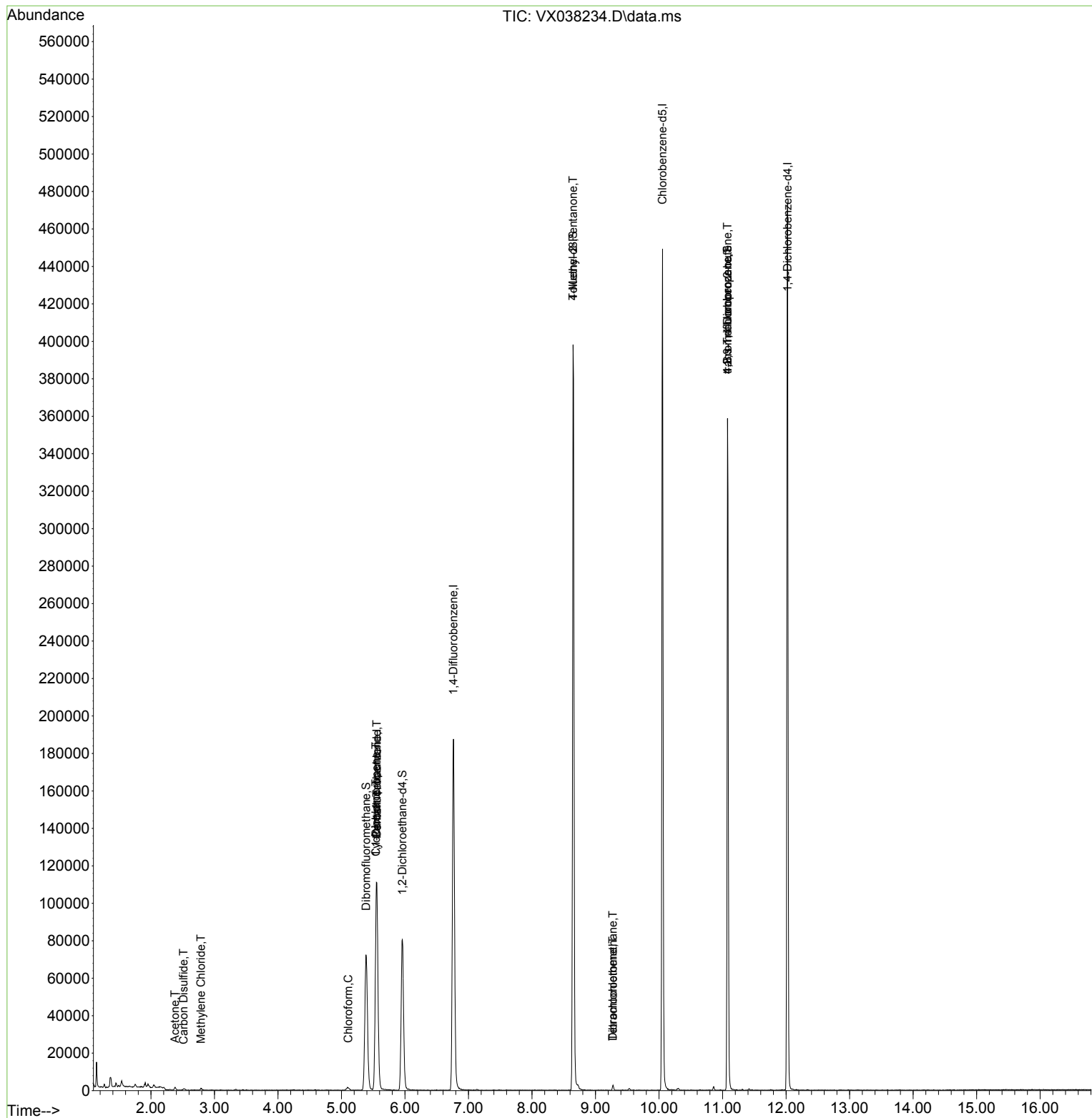
Internal Standards						
1) Pentafluorobenzene	5.556	168	105179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77058	45.550	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.100%
35) Dibromofluoromethane	5.385	113	61961	45.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.680%
50) Toluene-d8	8.647	98	239651	45.895	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.800%#
62) 4-Bromofluorobenzene	11.079	95	88906	44.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.820%
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	104	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	20	Below Cal	#	78
16) Acetone	2.380	43	1633	2.313	ug/l	98
17) Carbon Disulfide	2.514	76	620	0.224	ug/l #	76
20) Methylene Chloride	2.788	84	458	0.345	ug/l #	71
30) Chloroform	5.105	83	1953	0.816	ug/l	92
31) Cyclohexane	5.544	56	2534	1.383	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	8992	4.772	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10877	5.868	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1037	0.450	ug/l #	1
60) Dibromochloromethane	9.275	129	512	0.356	ug/l #	11
64) Tetrachloroethene	9.275	164	432	0.346	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	50682	22.589	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50682	64.672	ug/l #	5

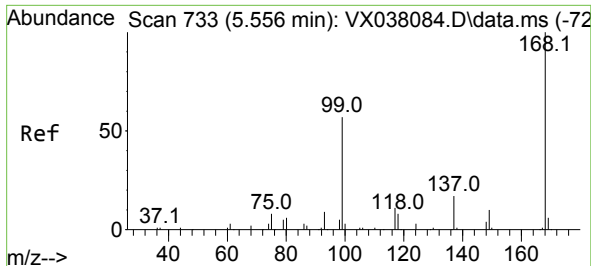
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
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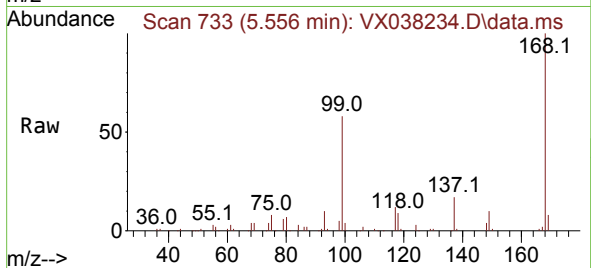
Quant Time: Oct 12 02:47:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



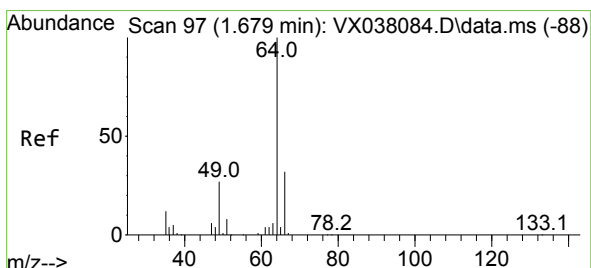
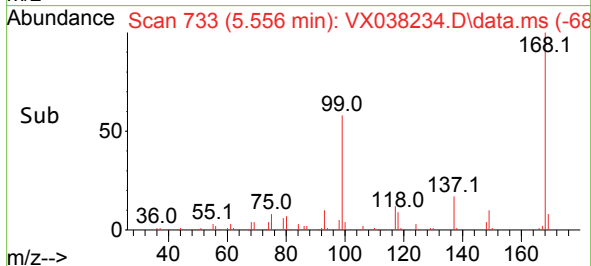
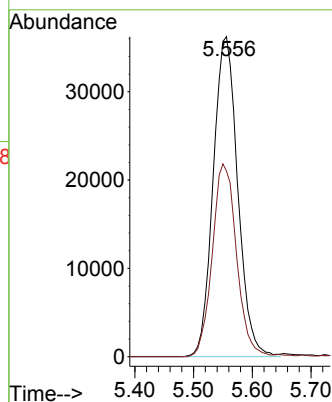


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

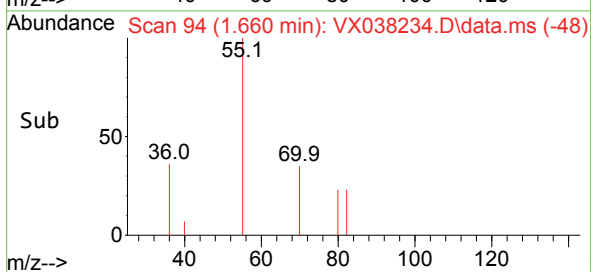
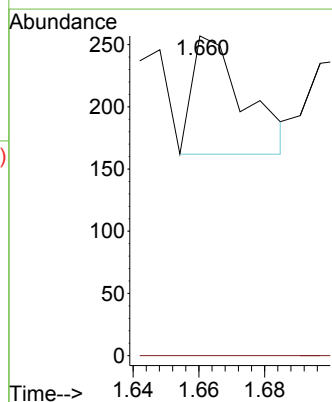
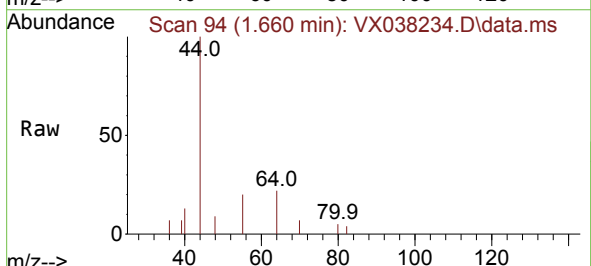


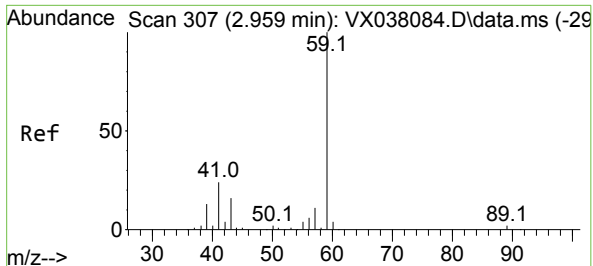
Tgt Ion:168 Resp: 105179
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

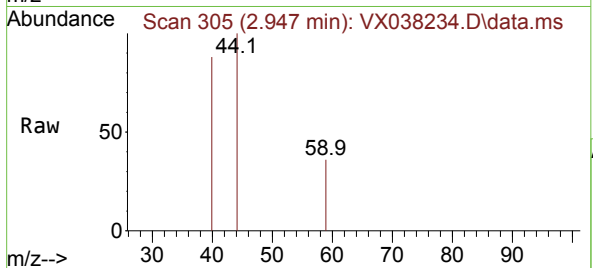
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



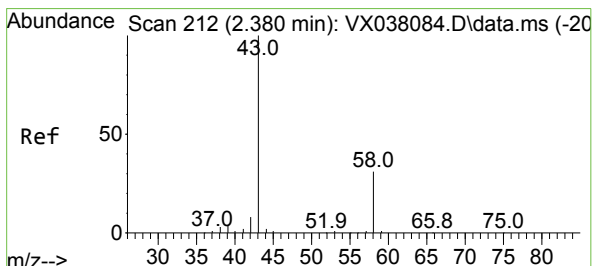
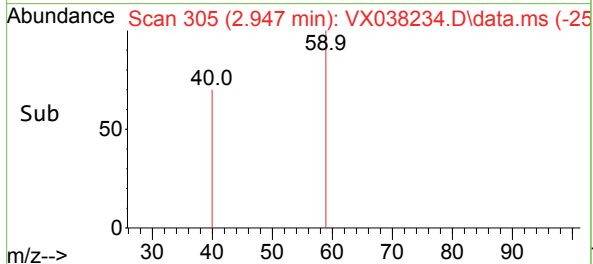
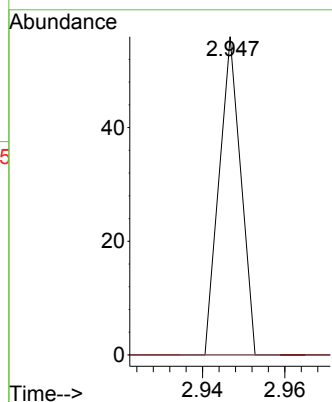


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

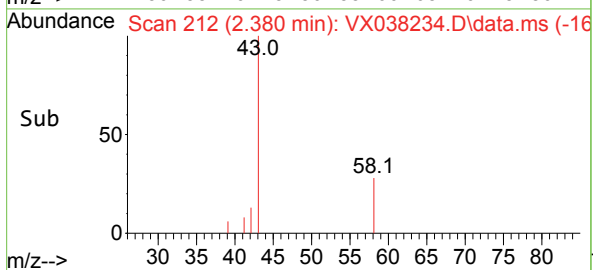
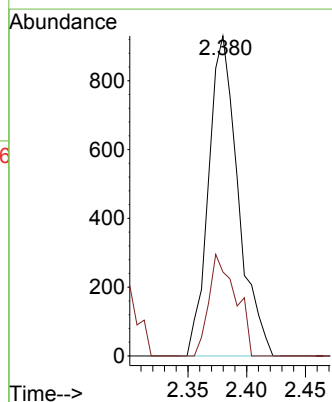
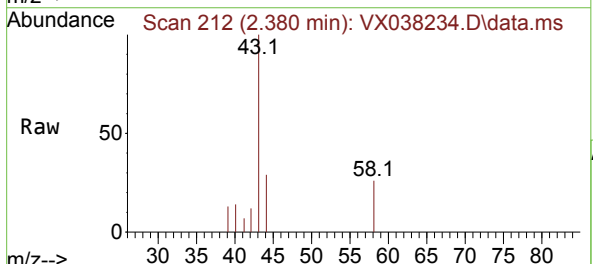


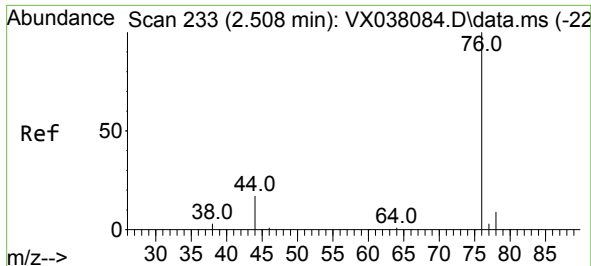
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 2.313 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 26.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.224 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

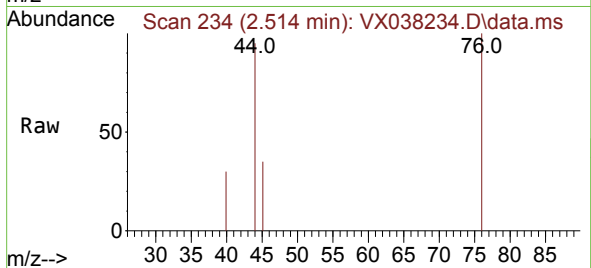
Lab File: VX038234.D

Acq: 11 Oct 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

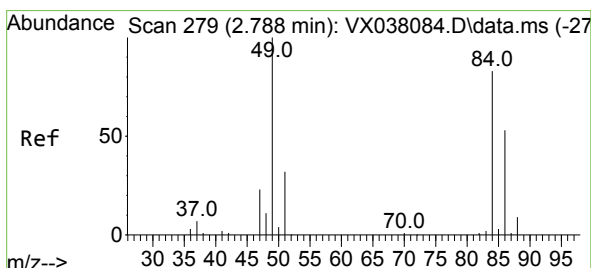
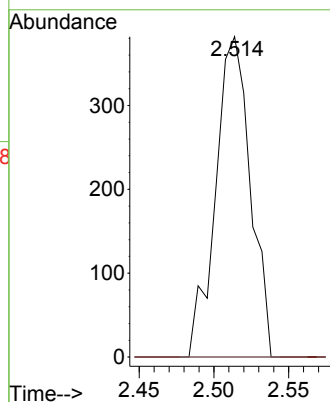


Tgt Ion: 76 Resp: 620

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.345 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038234.D

Acq: 11 Oct 2023 17:05

Tgt Ion: 84 Resp: 458

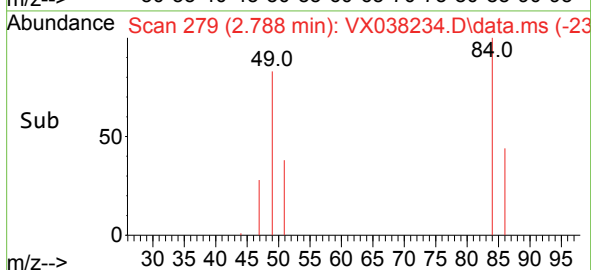
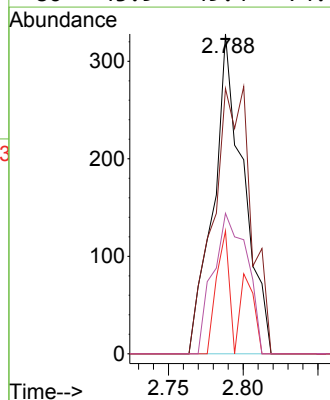
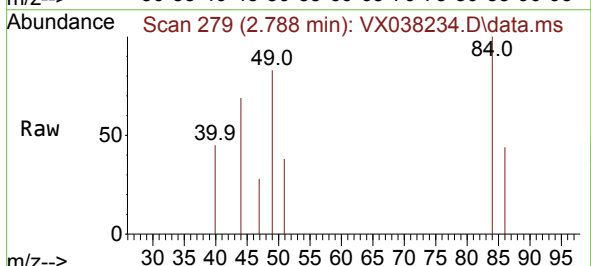
Ion Ratio Lower Upper

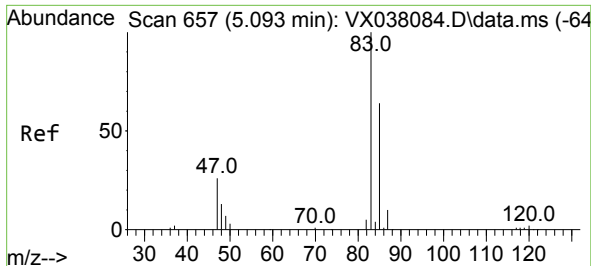
84 100

49 82.9 103.6 155.4#

51 38.4 33.8 50.6

86 43.9 49.4 74.0#

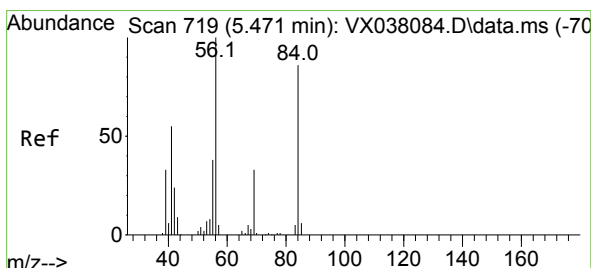
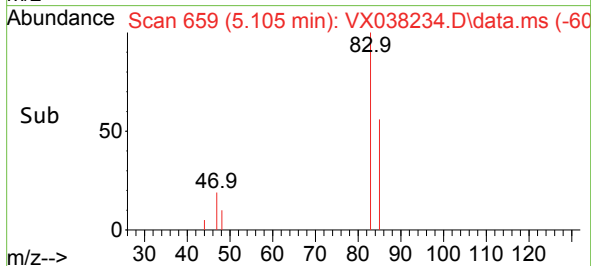
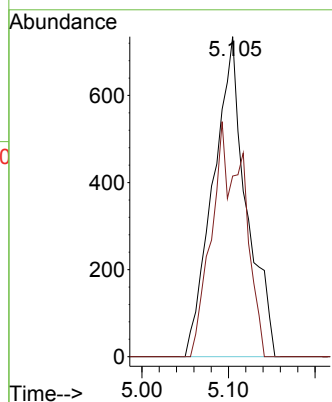
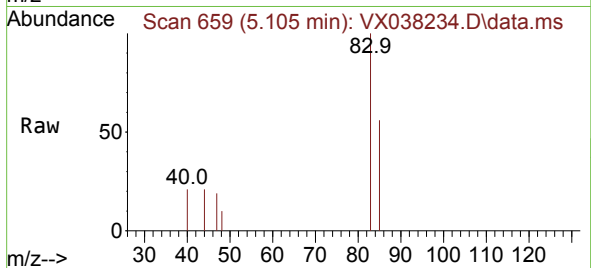




#30
Chloroform
Concen: 0.816 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

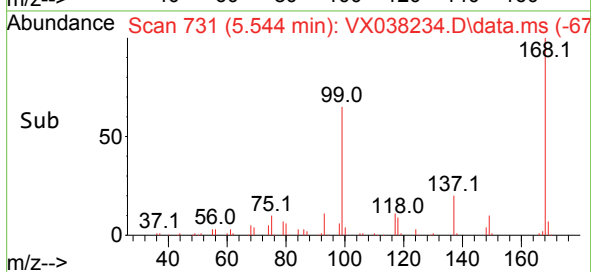
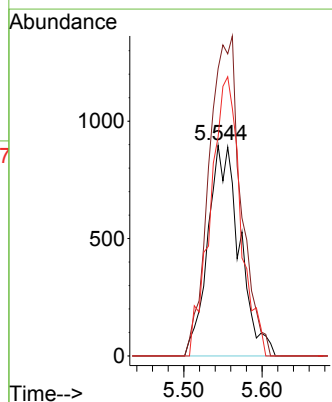
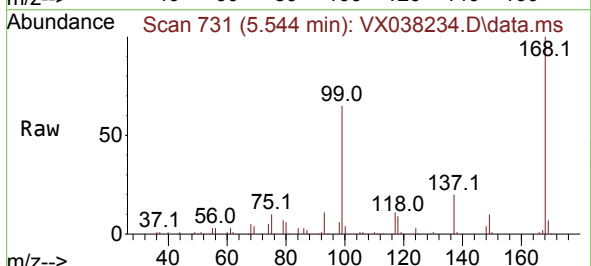
Instrument :
MSVOA_X
ClientSampleId :

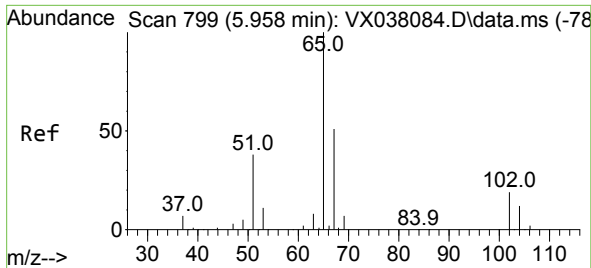
Tgt Ion: 83 Resp: 1953
Ion Ratio Lower Upper
83 100
85 56.5 50.3 75.5



#31
Cyclohexane
Concen: 1.383 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Tgt Ion: 56 Resp: 2534
Ion Ratio Lower Upper
56 100
69 136.5 23.4 35.2#
84 104.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.550 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038234.D

Acq: 11 Oct 2023 17:05

Instrument :

MSVOA_X

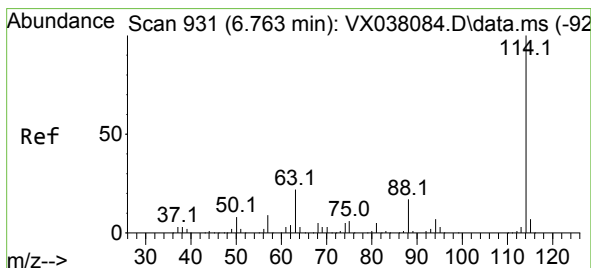
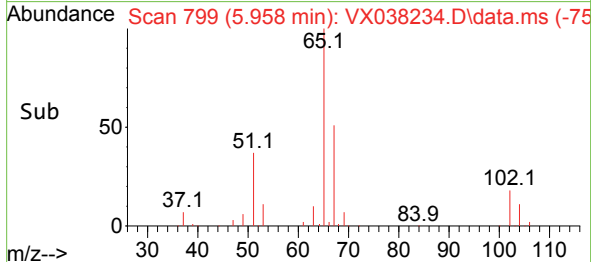
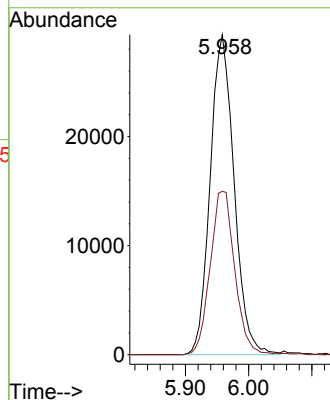
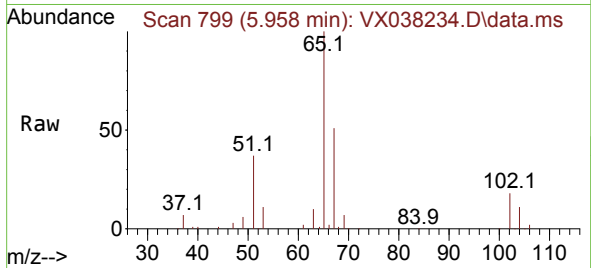
ClientSampleId :

Tgt Ion: 65 Resp: 77058

Ion Ratio Lower Upper

65 100

67 52.5 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: VX038234.D

Acq: 11 Oct 2023 17:05

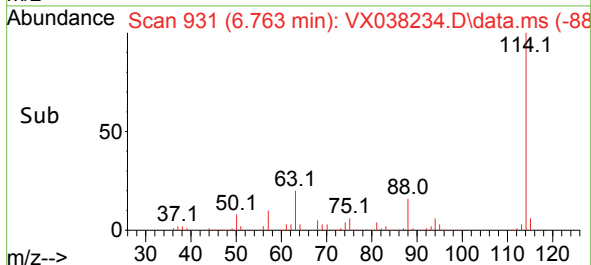
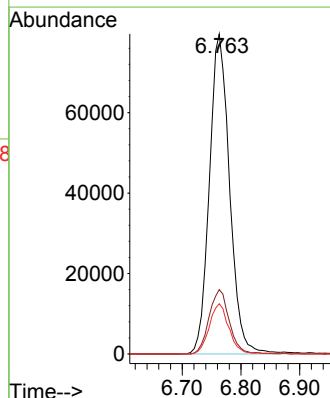
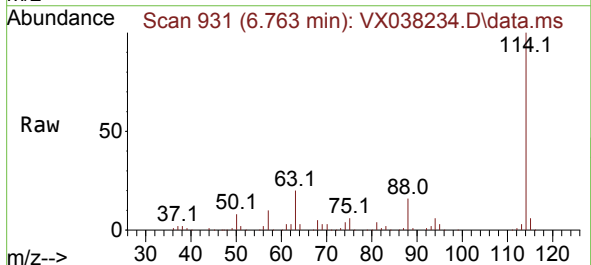
Tgt Ion: 114 Resp: 189641

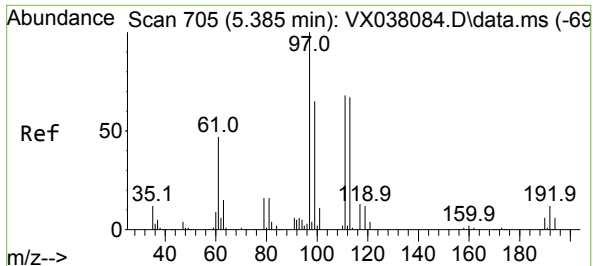
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

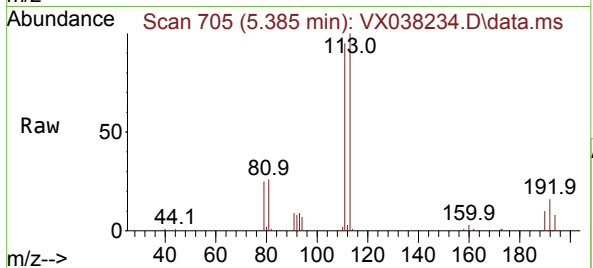
88 15.7 0.0 36.6



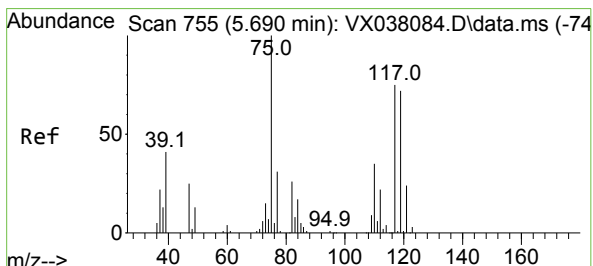
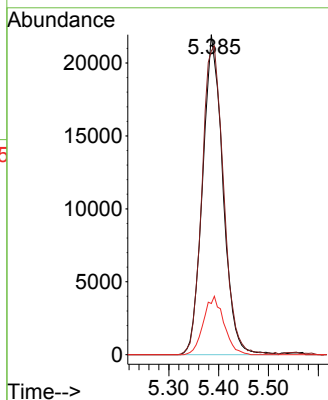
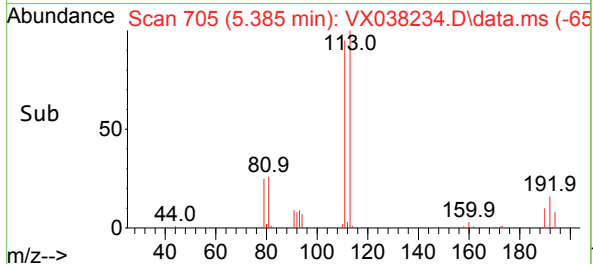


#35
Dibromofluoromethane
Concen: 45.343 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

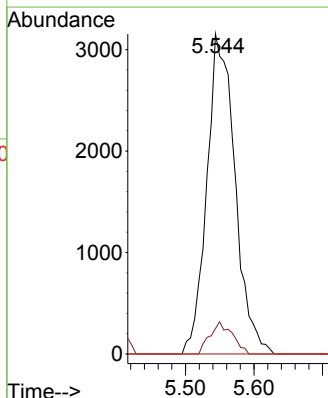
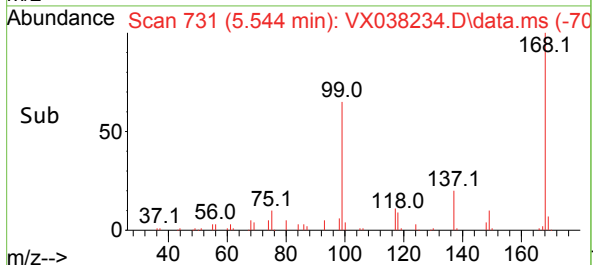
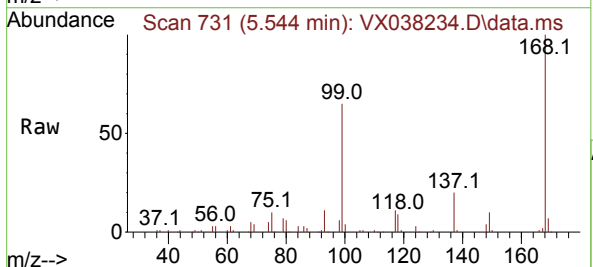


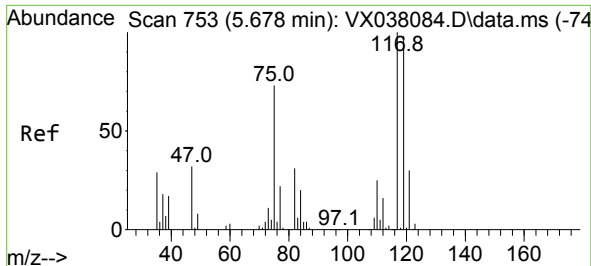
Tgt Ion:113 Resp: 61961
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

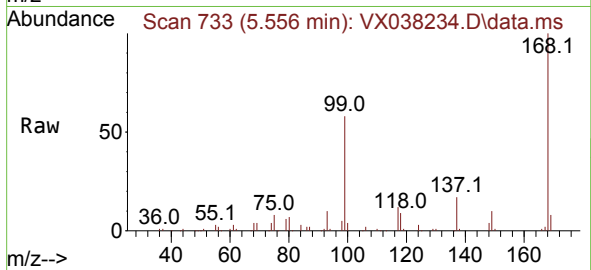
Tgt Ion: 75 Resp: 8992
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



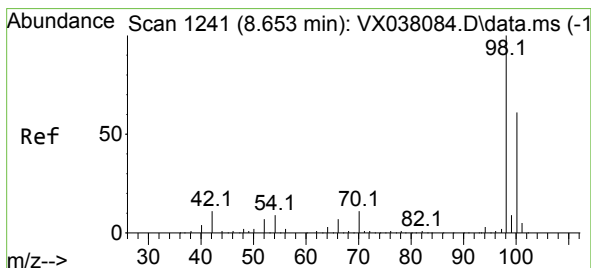
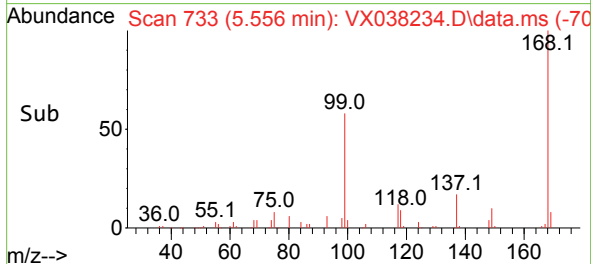
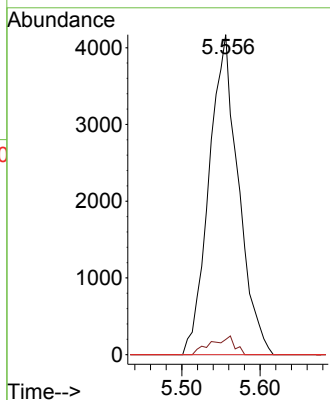


#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

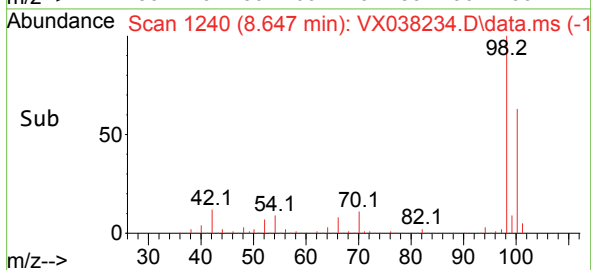
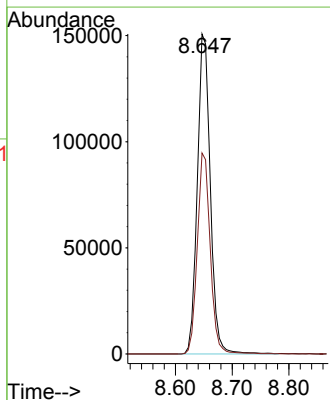
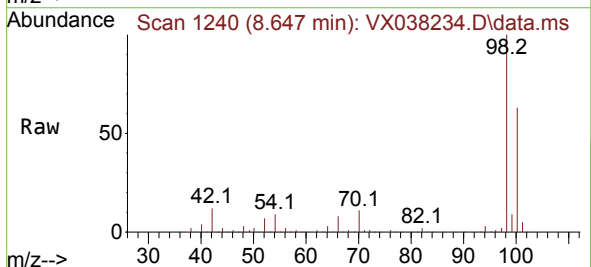


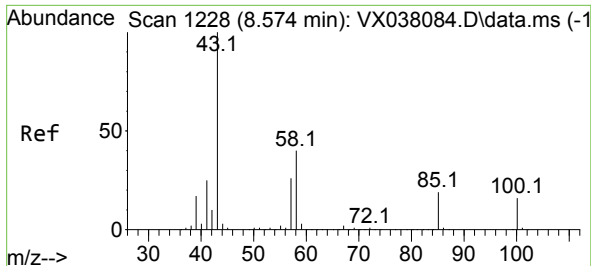
Tgt Ion:117 Resp: 10877
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.895 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Tgt Ion: 98 Resp: 239651
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7

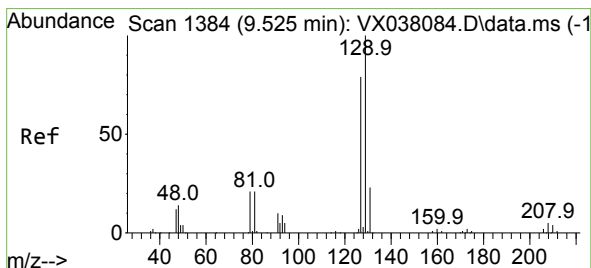
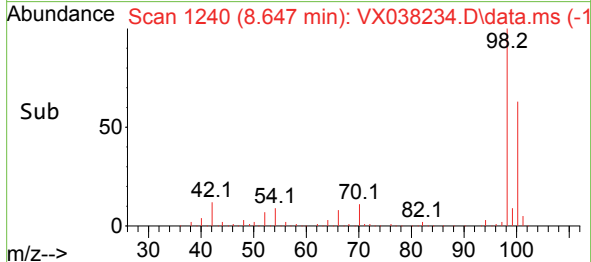
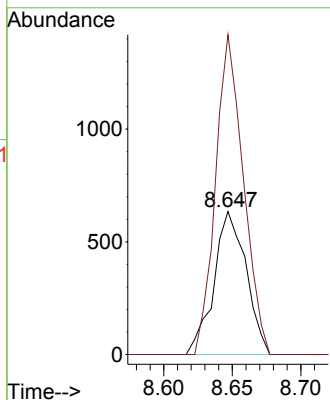
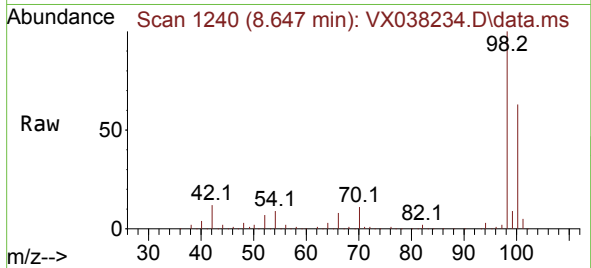




#51
 4-Methyl-2-Pentanone
 Concen: 0.450 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX038234.D
 Acq: 11 Oct 2023 17:05

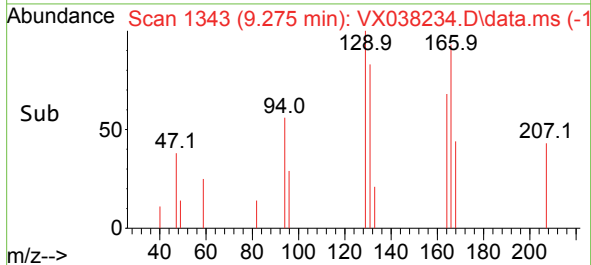
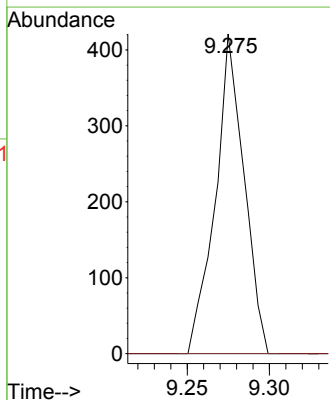
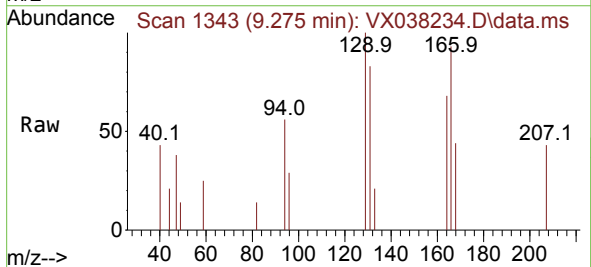
Instrument :
 MSVOA_X
 ClientSampleId :

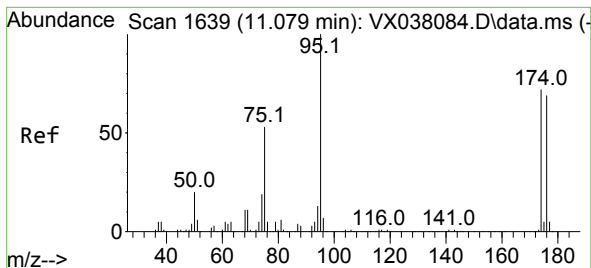
Tgt Ion: 43 Resp: 1037
 Ion Ratio Lower Upper
 43 100
 58 193.5 30.4 45.6#



#60
 Dibromochloromethane
 Concen: 0.356 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.250 min
 Lab File: VX038234.D
 Acq: 11 Oct 2023 17:05

Tgt Ion: 129 Resp: 512
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#

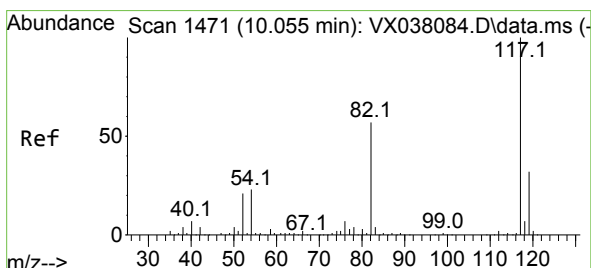
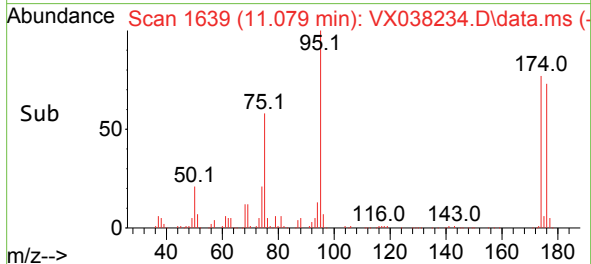
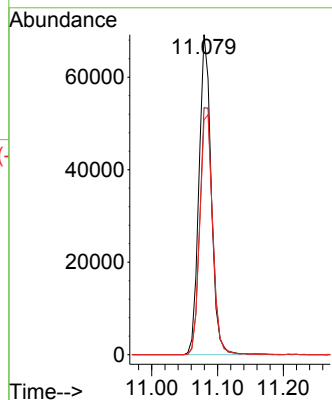
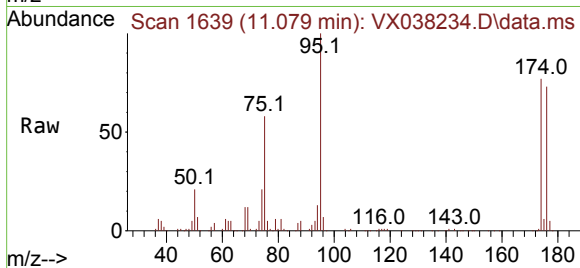




#62
4-Bromofluorobenzene
Concen: 44.911 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

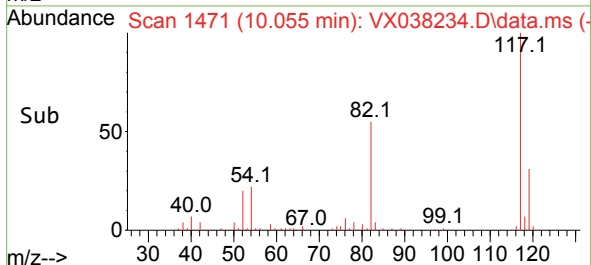
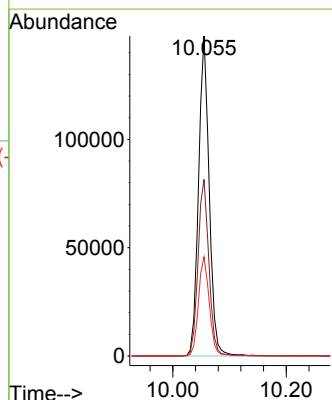
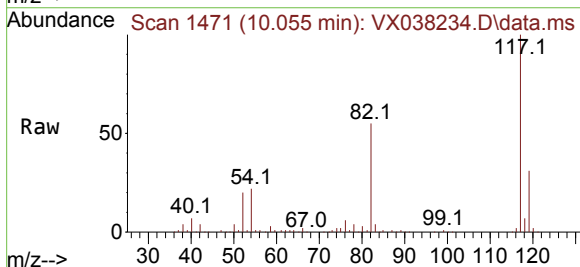
Instrument :
MSVOA_X
ClientSampleId :

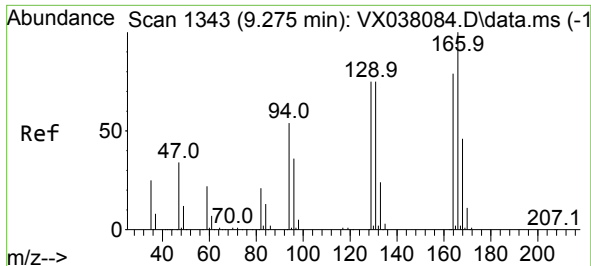
Tgt Ion: 95 Resp: 88906
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 79.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

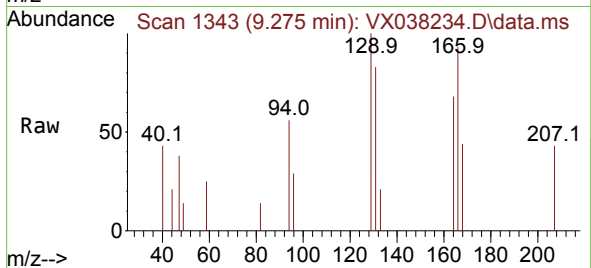
Tgt Ion: 117 Resp: 192668
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 30.9 25.5 38.3



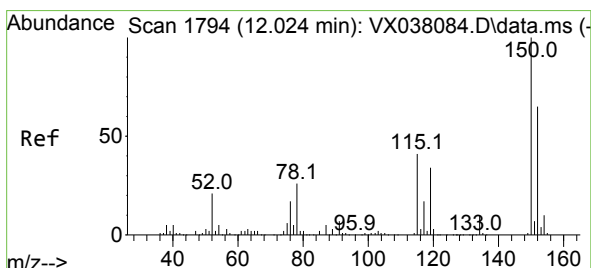
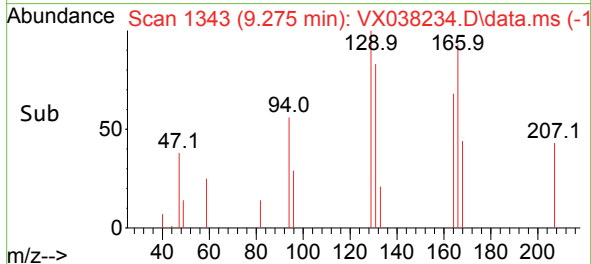
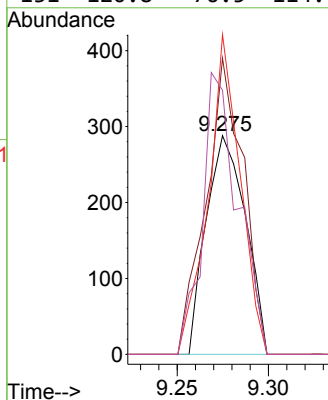


#64
Tetrachloroethene
Concen: 0.346 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

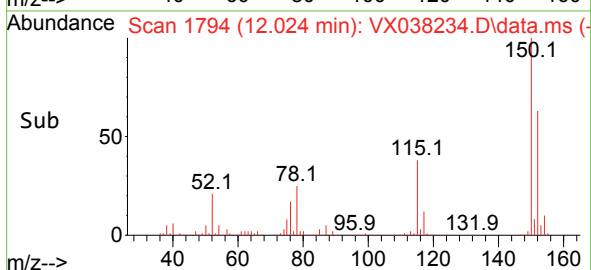
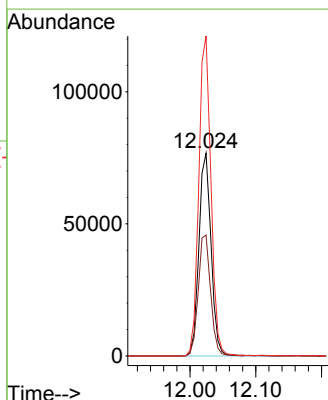
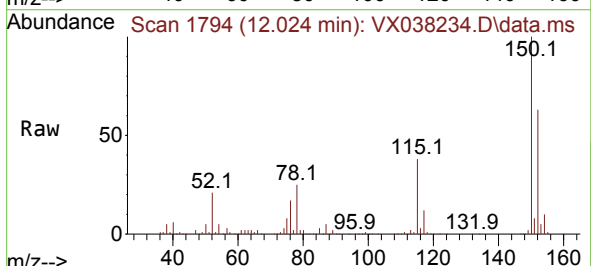


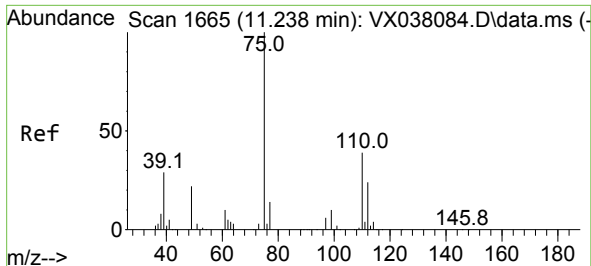
Tgt Ion:164 Resp: 432
Ion Ratio Lower Upper
164 100
166 135.4 102.7 154.1
129 146.2 80.4 120.6#
131 120.8 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Tgt Ion:152 Resp: 98691
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 157.4 0.0 345.0

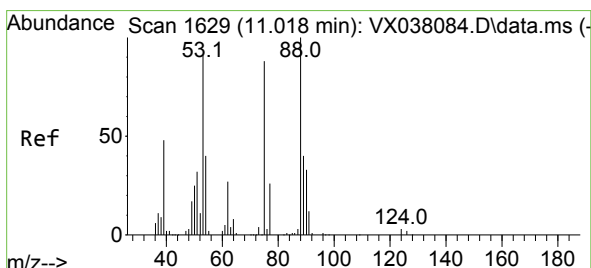
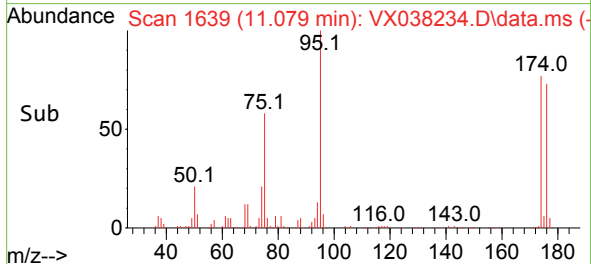
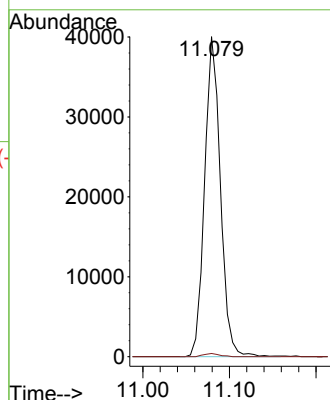
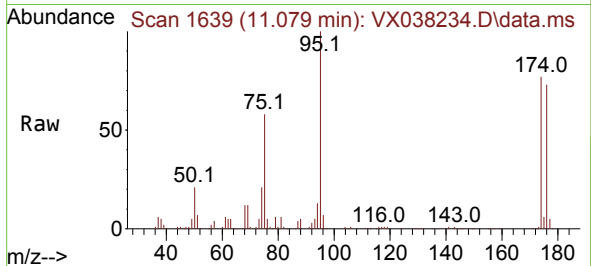




#76
1,2,3-Trichloropropane
Concen: 22.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50682
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.672 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038234.D
Acq: 11 Oct 2023 17:05

Tgt Ion: 75 Resp: 50682
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

