

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037685.D
 Acq On : 13 Sep 2023 11:12
 Operator : JC/MD
 Sample : VX0913WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:15:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

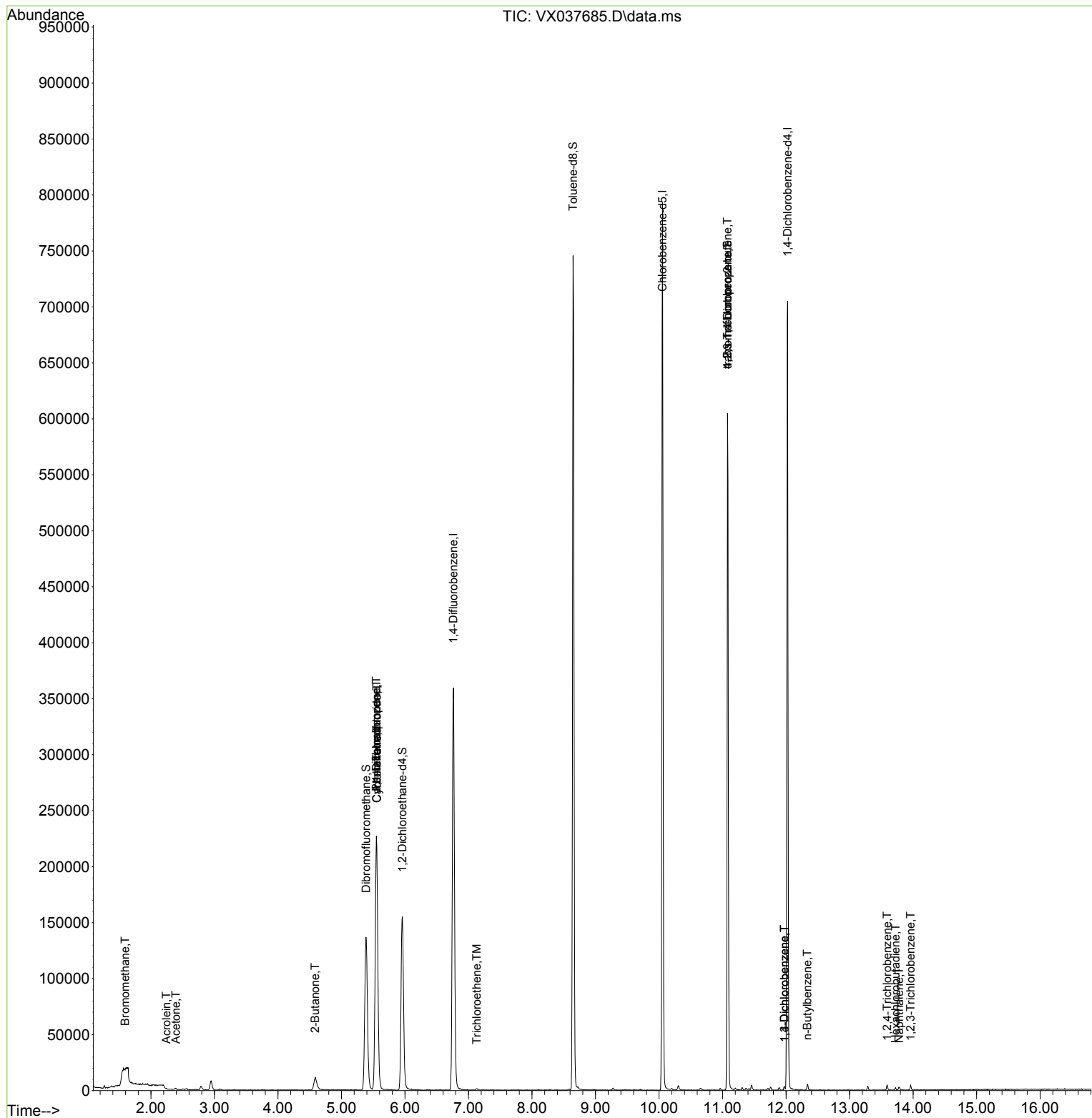
Internal Standards						
1) Pentafluorobenzene	5.550	168	213382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152494	44.171	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.340%
35) Dibromofluoromethane	5.385	113	120912	45.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	453573	45.438	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.880%#
62) 4-Bromofluorobenzene	11.079	95	156829	43.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	504	0.201	ug/l	86
11) Tert butyl alcohol	2.940	59	4907	Below Cal	#	78
13) Acrolein	2.239	56	361	0.640	ug/l #	69
16) Acetone	2.392	43	1509	1.081	ug/l #	83
20) Methylene Chloride	2.788	84	1747	Below Cal		86
25) 2-Butanone	4.586	43	1095	0.481	ug/l #	51
31) Cyclohexane	5.556	56	5106	1.284	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	17201	4.777	ug/l #	51
38) Carbon Tetrachloride	5.556	117	22179	6.030	ug/l #	15
44) Trichloroethene	7.129	130	642	0.235	ug/l	71
76) 1,2,3-Trichloropropane	11.079	75	82224	25.384	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82224	77.160	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	1131	0.225	ug/l	95
88) 1,4-Dichlorobenzene	11.975	146	1131	0.219	ug/l	94
89) n-Butylbenzene	12.335	91	1776	0.208	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1275	0.426	ug/l	93
94) Hexachlorobutadiene	13.725	225	421	0.337	ug/l	92
95) Naphthalene	13.780	128	2343	0.216	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1153	0.376	ug/l	98

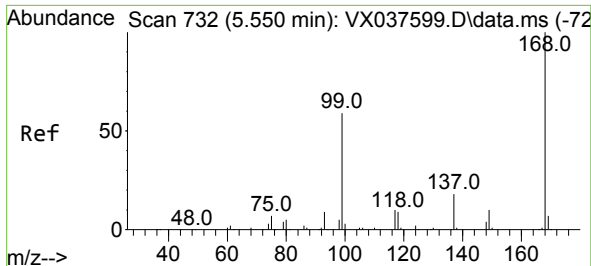
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
Data File : VX037685.D
Acq On : 13 Sep 2023 11:12
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Sample : VX0913WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

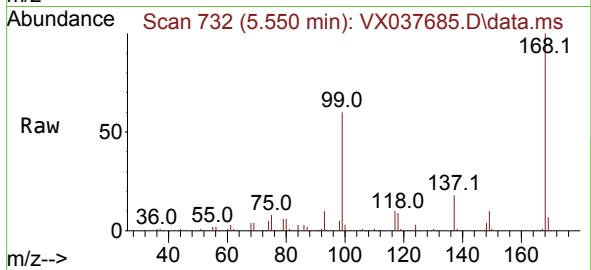
Quant Time: Sep 14 02:15:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



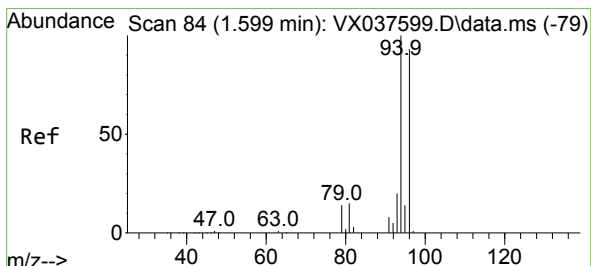
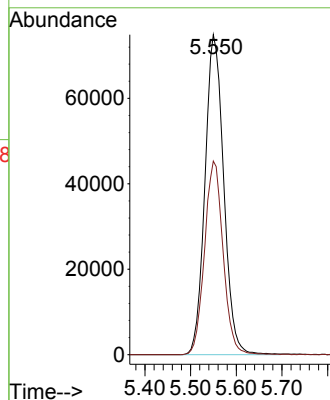
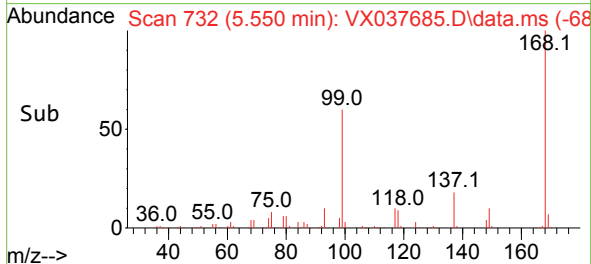


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

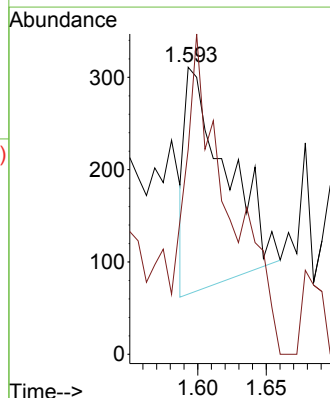
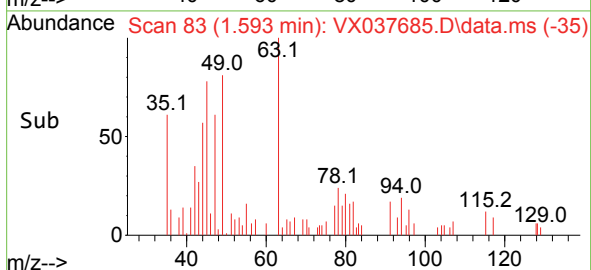
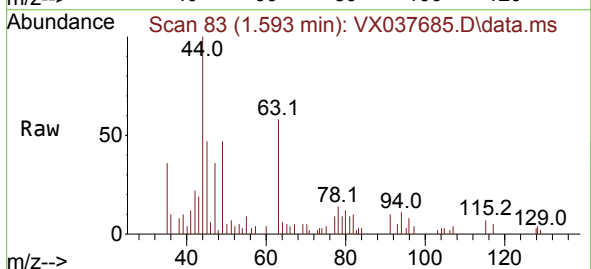


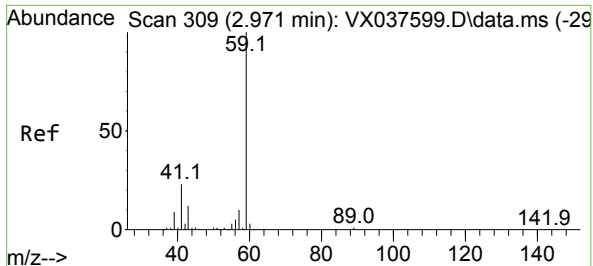
Tgt Ion:168 Resp: 213382
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 106.2 74.6 111.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 309

Delta R.T. -0.031 min

Lab File: VX037685.D

Acq: 13 Sep 2023 11:12

Instrument :

MSVOA_X

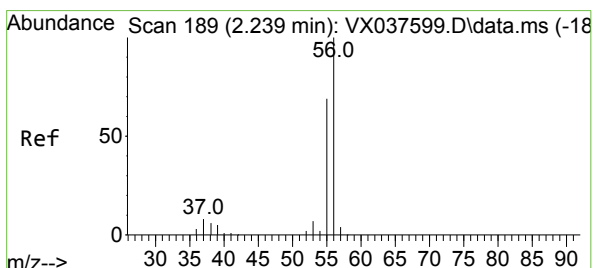
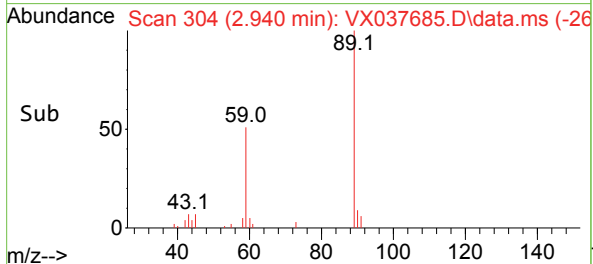
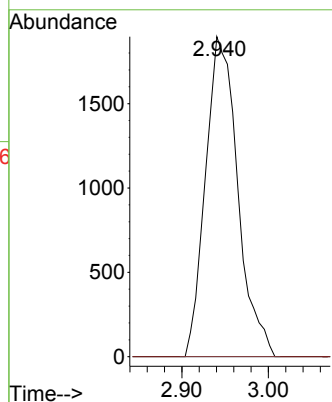
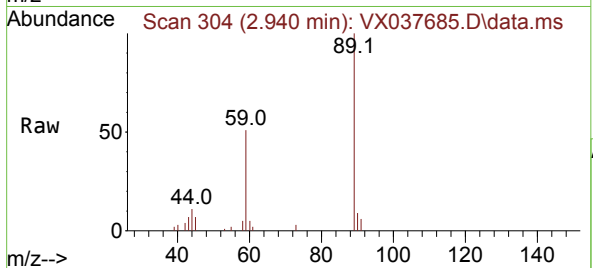
ClientSampleId :

Tgt Ion: 59 Resp: 4907

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.640 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037685.D

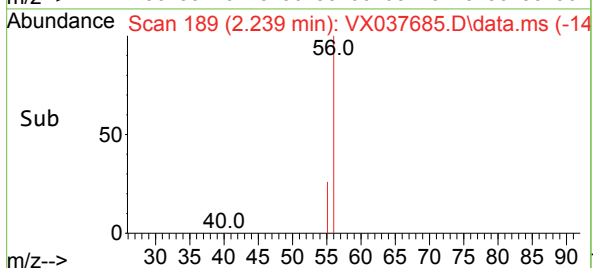
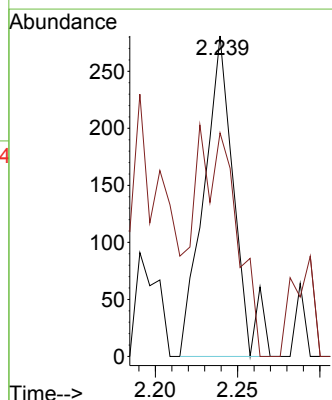
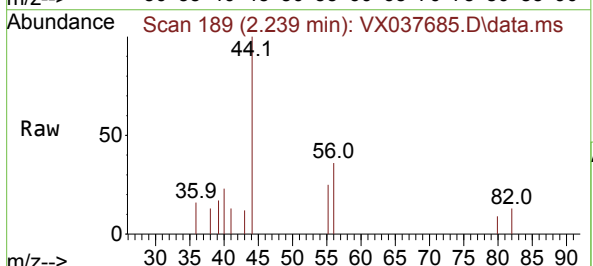
Acq: 13 Sep 2023 11:12

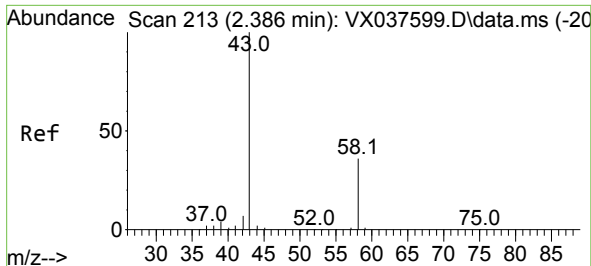
Tgt Ion: 56 Resp: 361

Ion Ratio Lower Upper

56 100

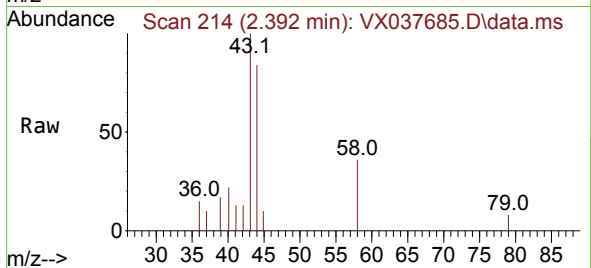
55 97.2 57.1 85.7#



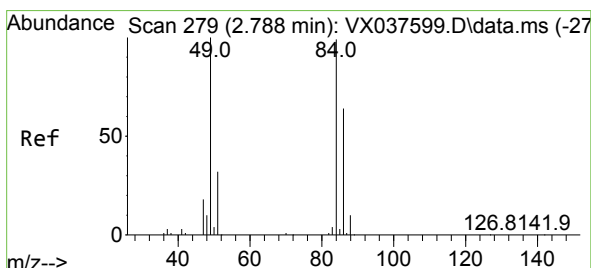
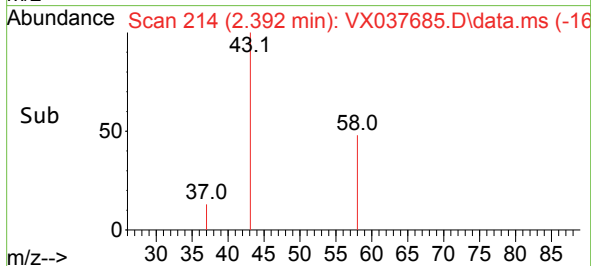
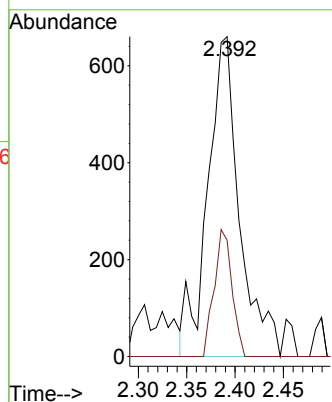


#16
Acetone
Concen: 1.081 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

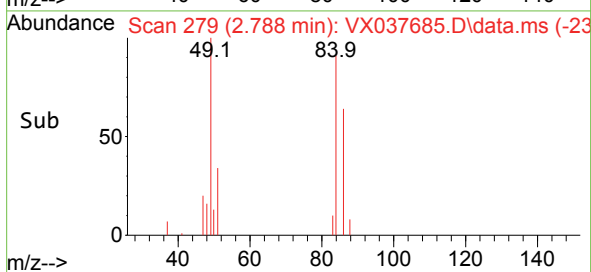
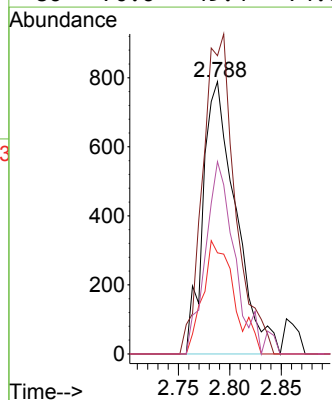
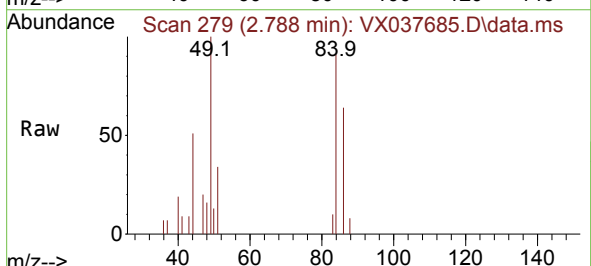


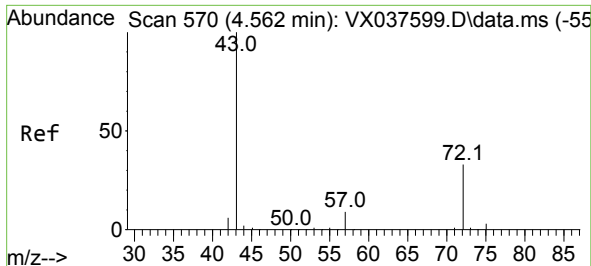
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 36.4 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Tgt Ion: 84 Resp: 1747
Ion Ratio Lower Upper
84 100
49 109.5 103.6 155.4
51 37.1 33.8 50.6
86 70.6 49.4 74.0





#25

2-Butanone

Concen: 0.481 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX037685.D

Acq: 13 Sep 2023 11:12

Instrument :

MSVOA_X

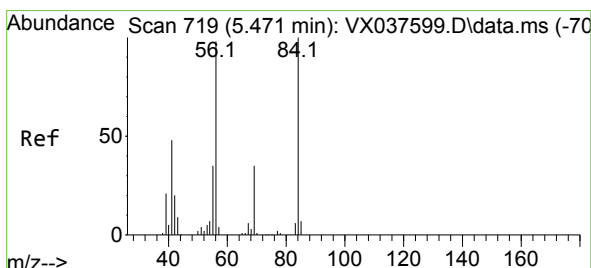
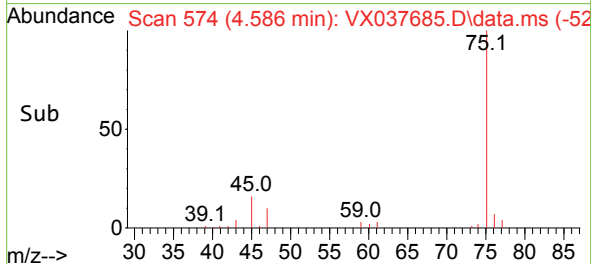
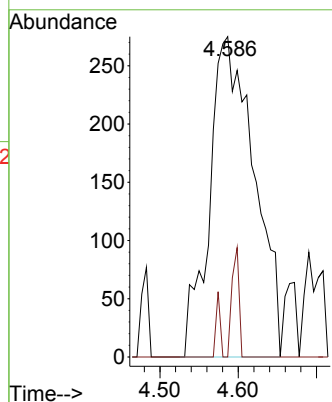
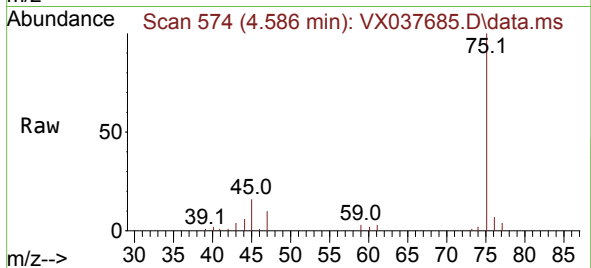
ClientSampleId :

Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037685.D

Acq: 13 Sep 2023 11:12

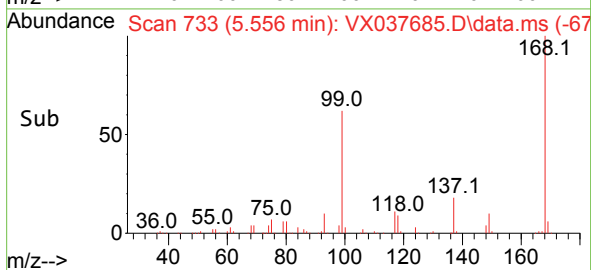
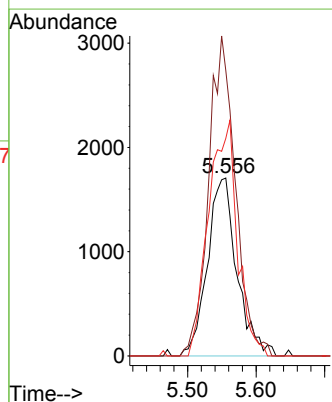
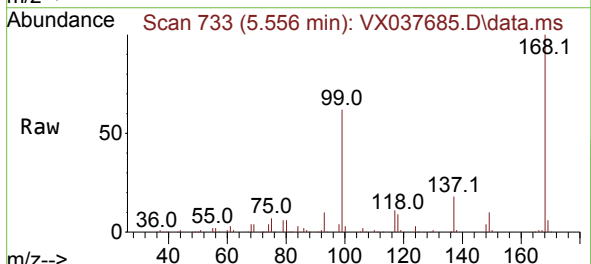
Tgt Ion: 56 Resp: 5106

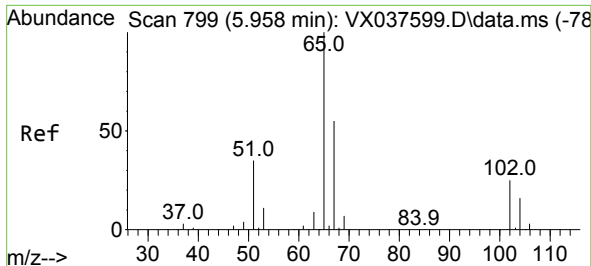
Ion Ratio Lower Upper

56 100

69 160.4 23.4 35.2#

84 122.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.171 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037685.D

Acq: 13 Sep 2023 11:12

Instrument :

MSVOA_X

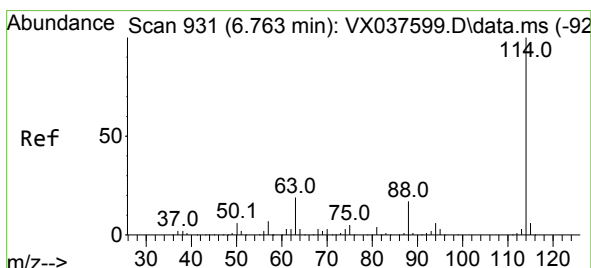
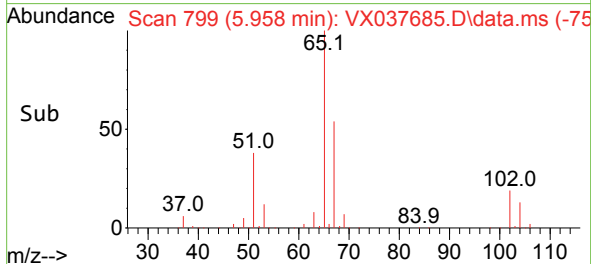
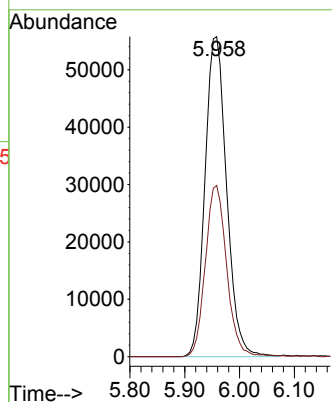
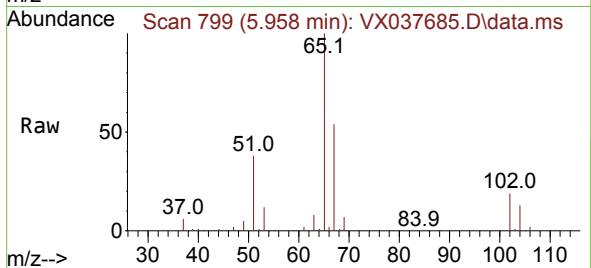
ClientSampleId :

Tgt Ion: 65 Resp: 152494

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037685.D

Acq: 13 Sep 2023 11:12

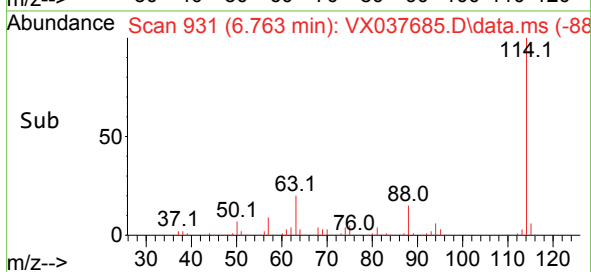
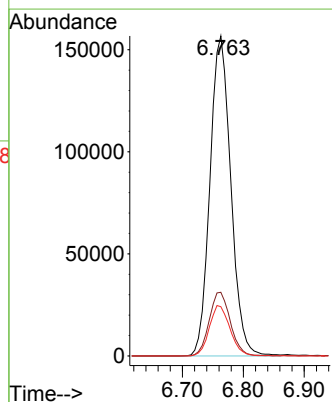
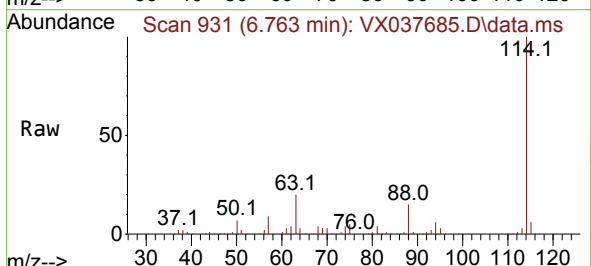
Tgt Ion:114 Resp: 373412

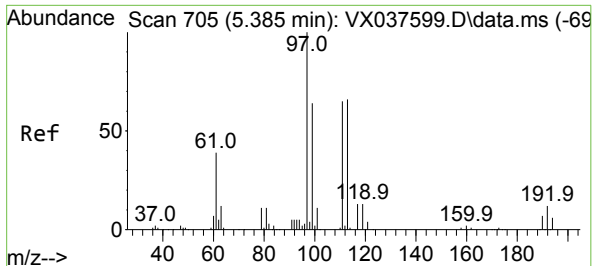
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

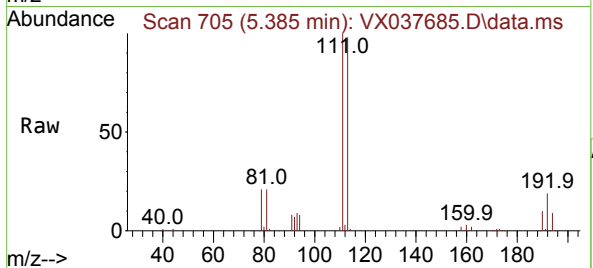
88 15.4 0.0 36.6



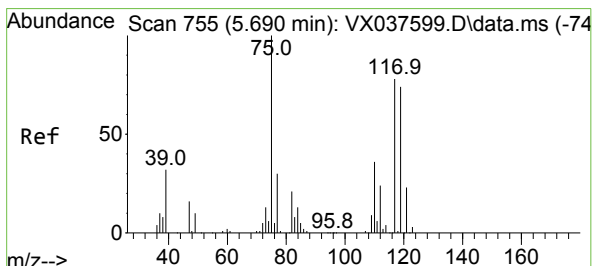
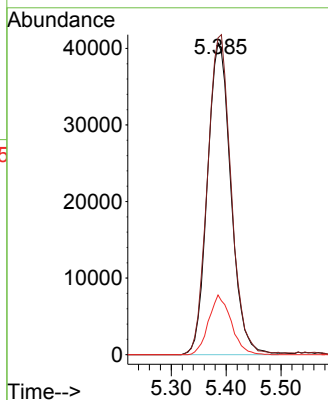
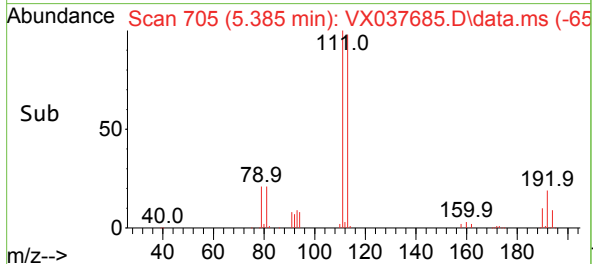


#35
Dibromofluoromethane
Concen: 45.683 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

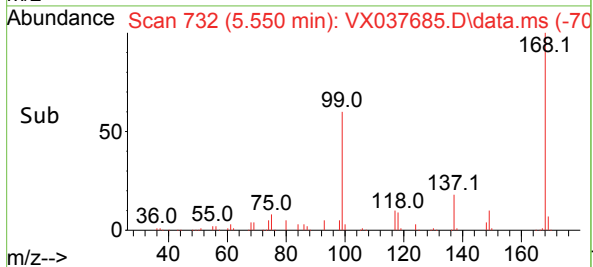
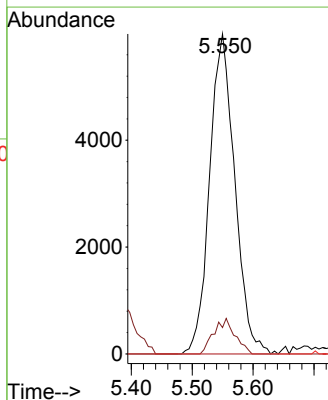
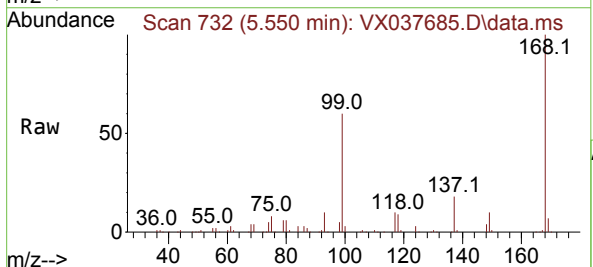


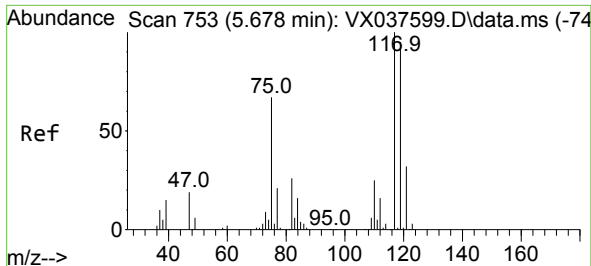
Tgt Ion:113 Resp: 120912
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

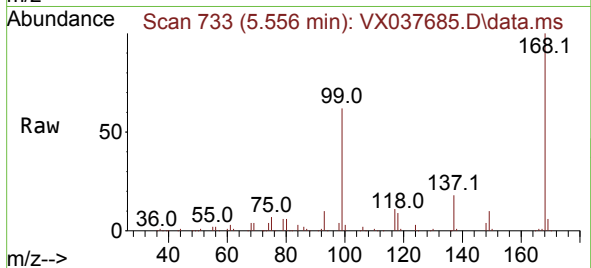
Tgt Ion: 75 Resp: 17201
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



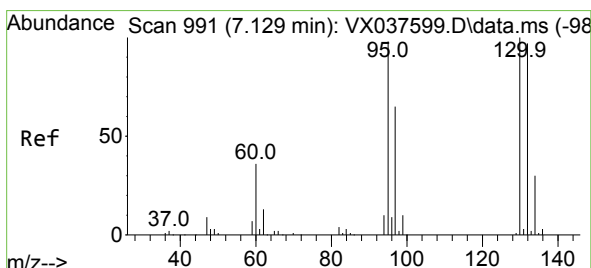
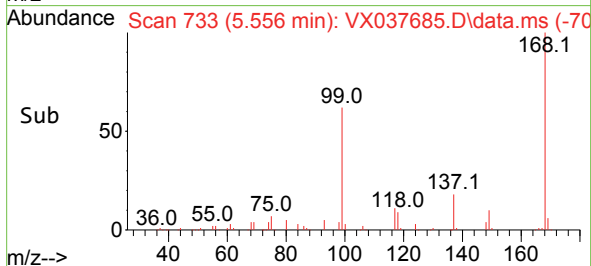
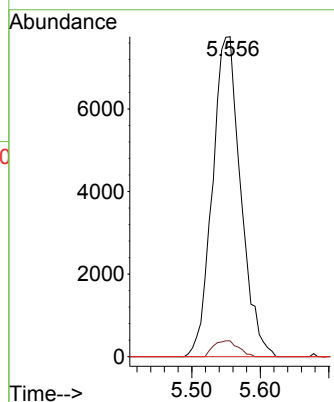


#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

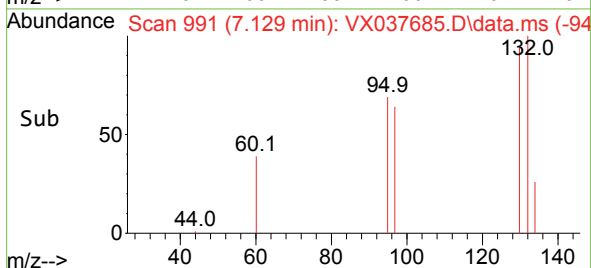
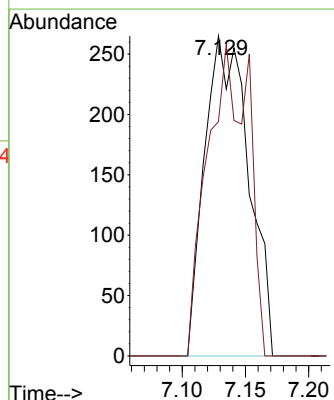
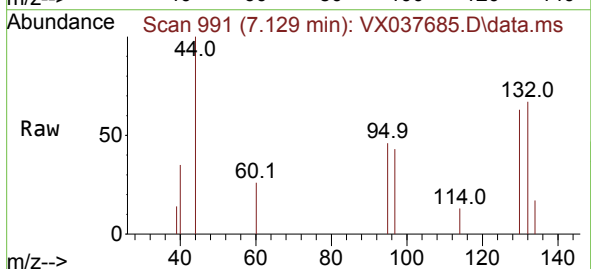


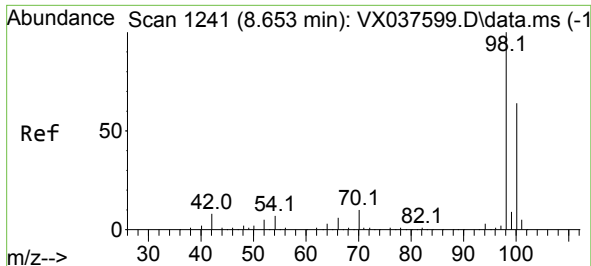
Tgt Ion:117 Resp: 22179
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.235 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Tgt Ion:130 Resp: 642
Ion Ratio Lower Upper
130 100
95 73.2 0.0 204.4

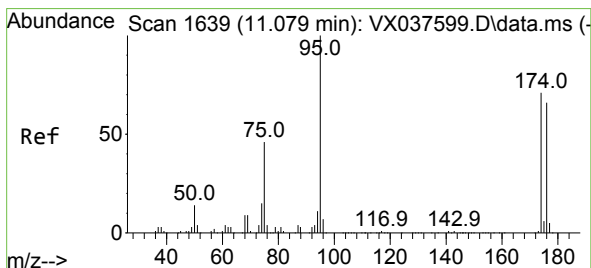
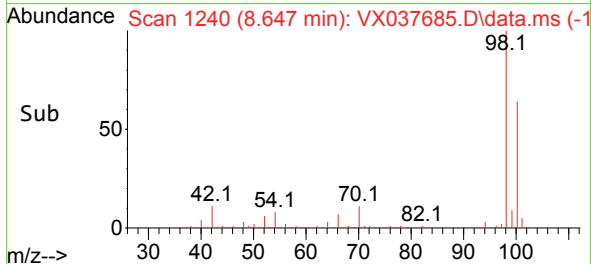
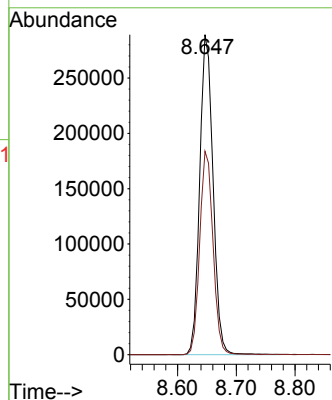
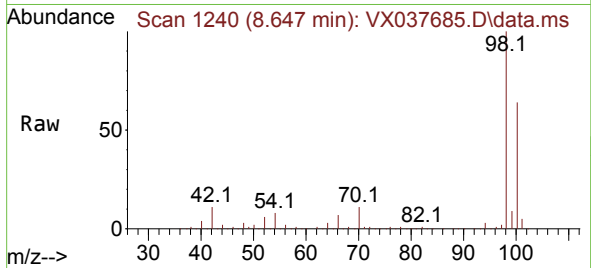




#50
Toluene-d8
Concen: 45.438 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

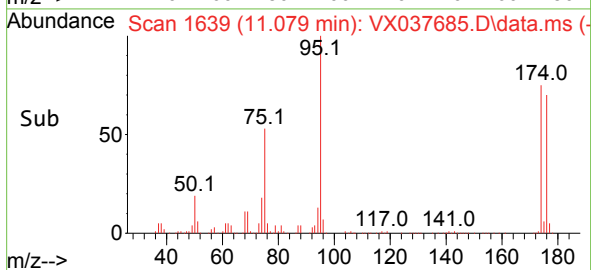
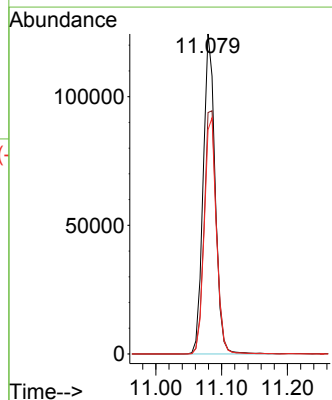
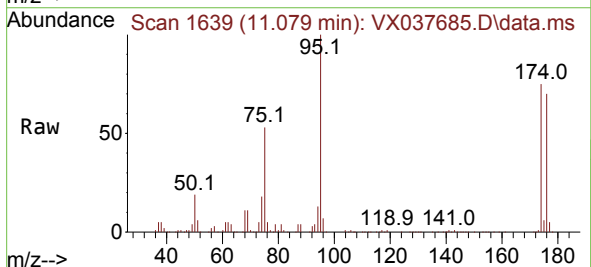
Instrument :
MSVOA_X
ClientSampleId :

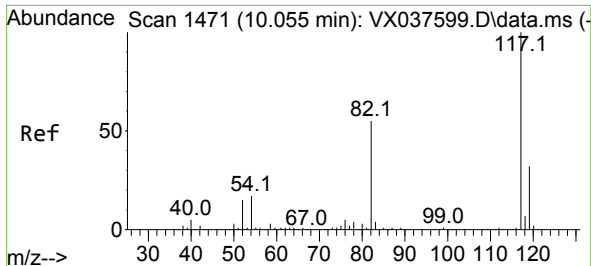
Tgt Ion: 98 Resp: 453573
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

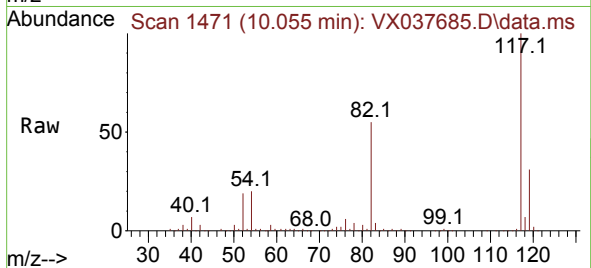
Tgt Ion: 95 Resp: 156829
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 74.9 0.0 131.0



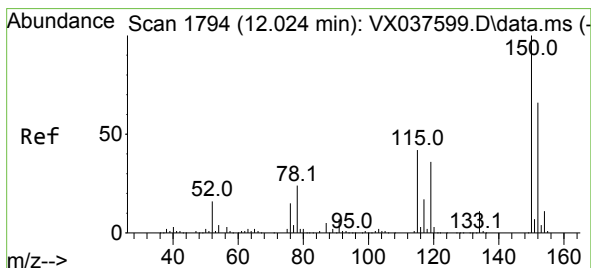
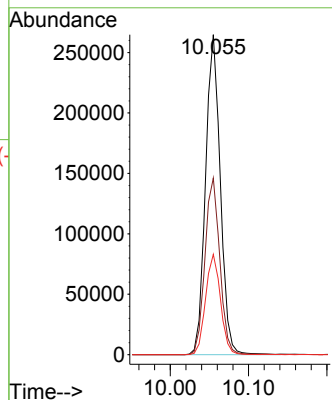
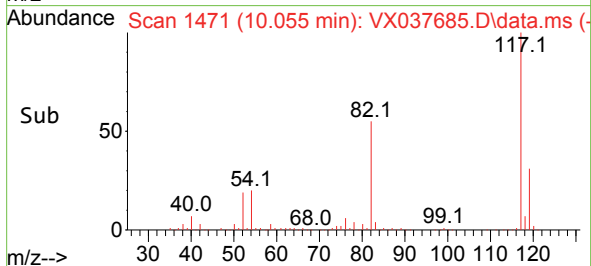


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

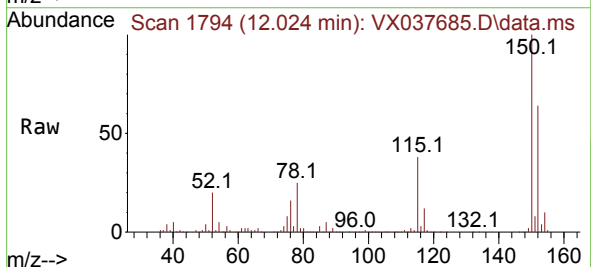
Instrument :
MSVOA_X
ClientSampleId :



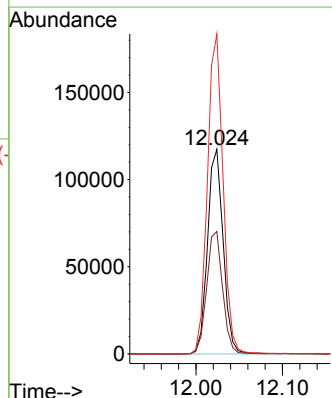
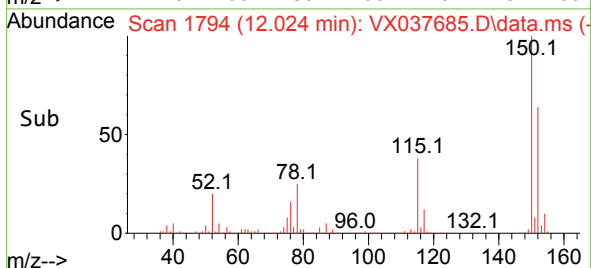
Tgt Ion:117 Resp: 345672
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.4 25.5 38.3

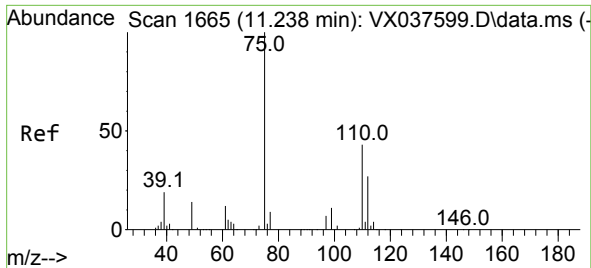


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12



Tgt Ion:152 Resp: 147339
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 156.3 0.0 345.0

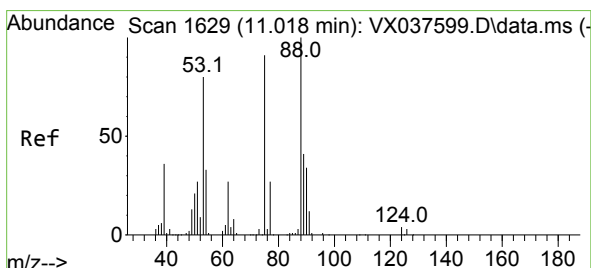
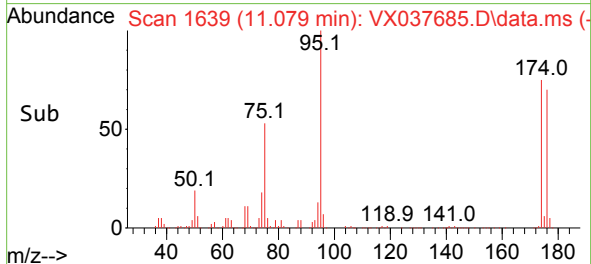
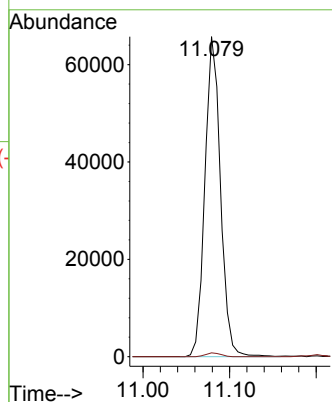
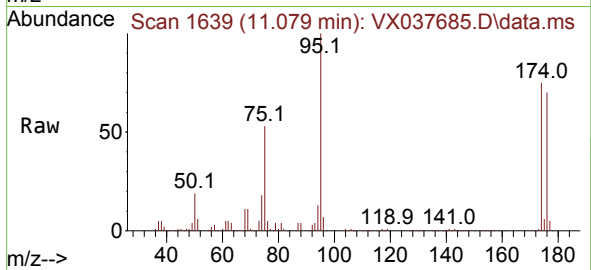




#76
1,2,3-Trichloropropane
Concen: 25.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

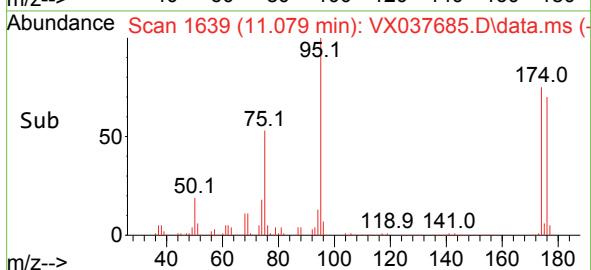
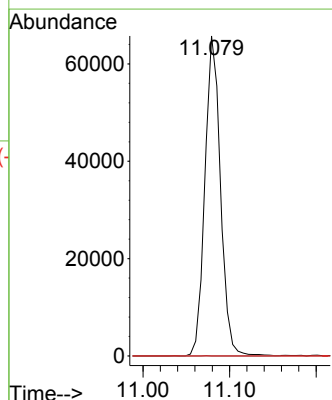
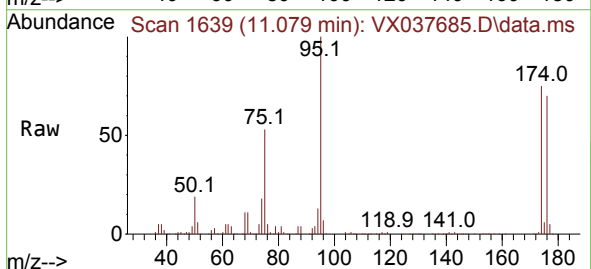
Instrument :
MSVOA_X
ClientSampleId :

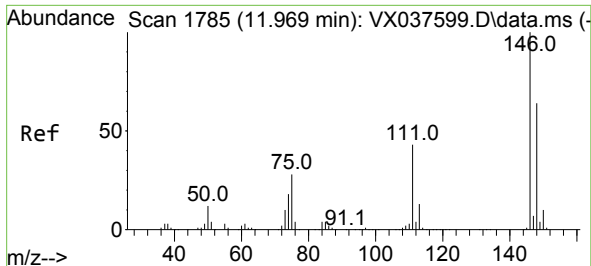
Tgt Ion: 75 Resp: 82224
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Tgt Ion: 75 Resp: 82224
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.225 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037685.D

Acq: 13 Sep 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

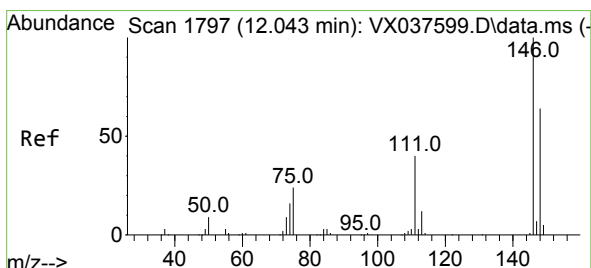
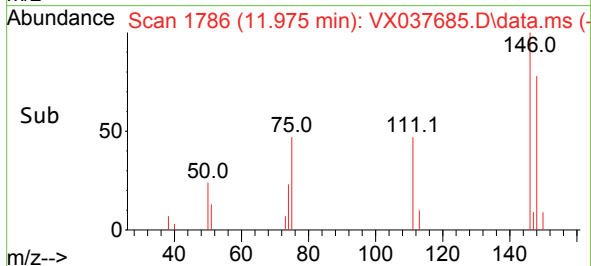
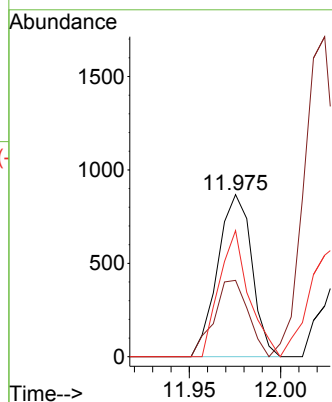
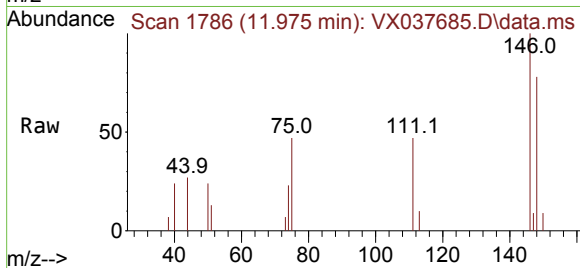
Tgt Ion:146 Resp: 1131

Ion Ratio Lower Upper

146 100

111 47.1 22.1 66.1

148 67.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.219 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX037685.D

Acq: 13 Sep 2023 11:12

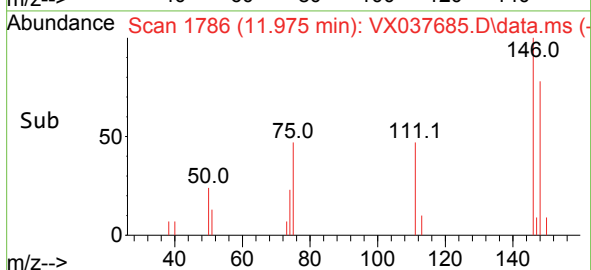
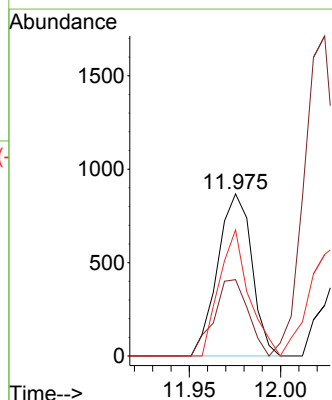
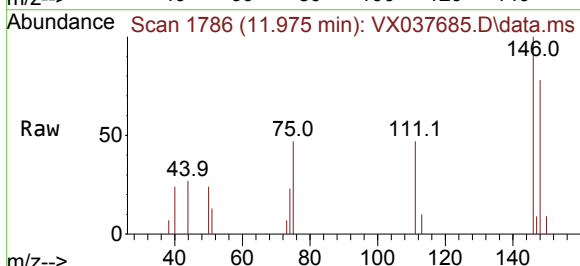
Tgt Ion:146 Resp: 1131

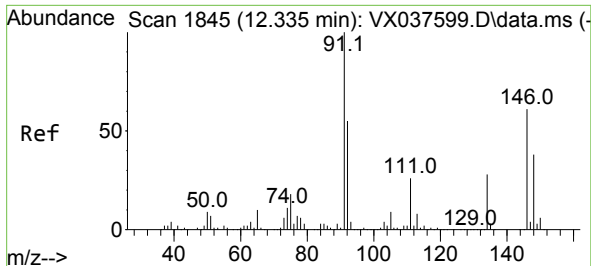
Ion Ratio Lower Upper

146 100

111 47.1 21.3 63.7

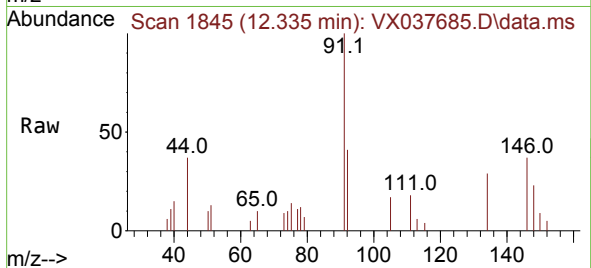
148 67.6 31.8 95.4



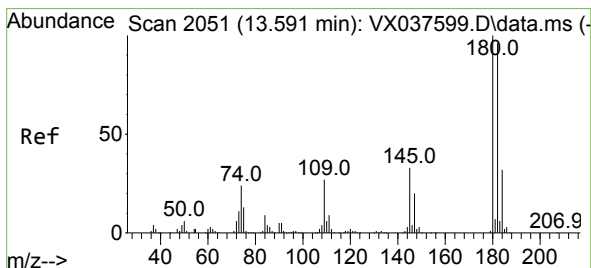
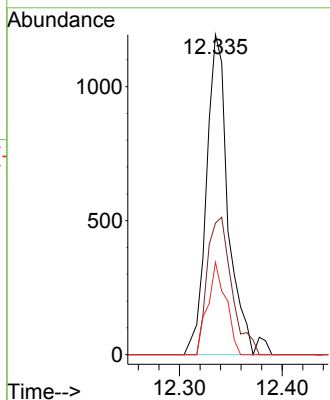
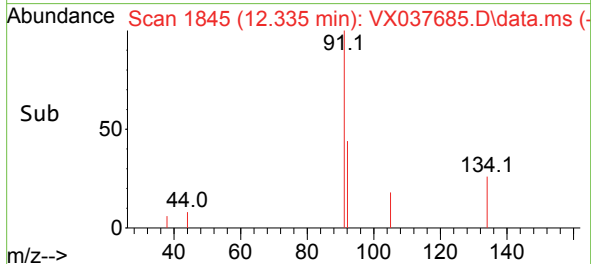


#89
n-Butylbenzene
Concen: 0.208 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

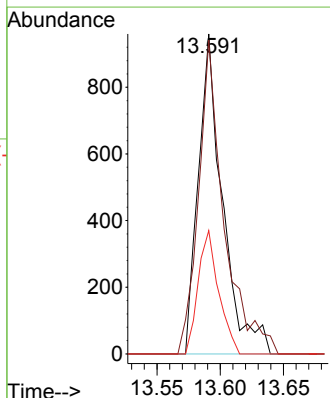
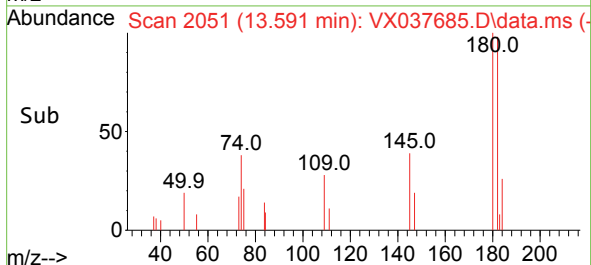
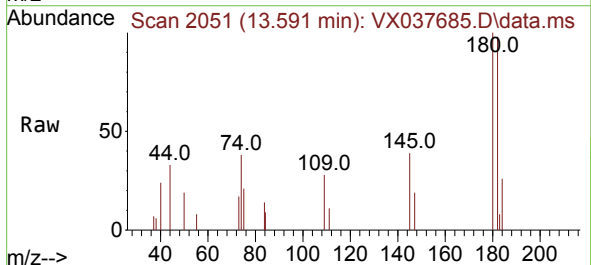


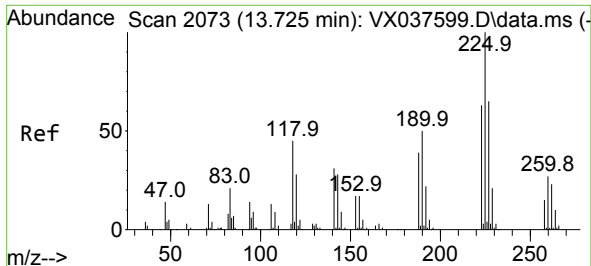
Tgt Ion: 91 Resp: 1776
Ion Ratio Lower Upper
91 100
92 47.7 27.4 82.0
134 24.0 12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.426 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

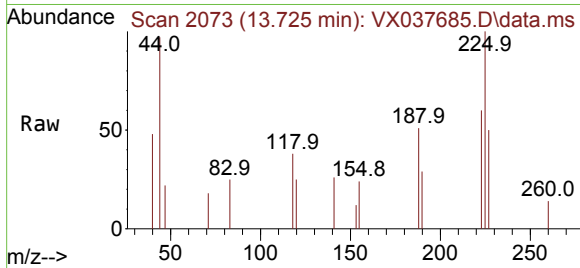
Tgt Ion: 180 Resp: 1275
Ion Ratio Lower Upper
180 100
182 103.3 48.3 144.8
145 32.8 18.0 54.0



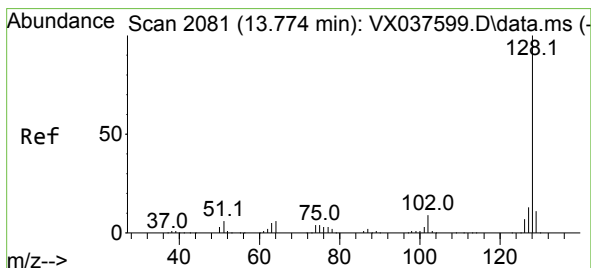
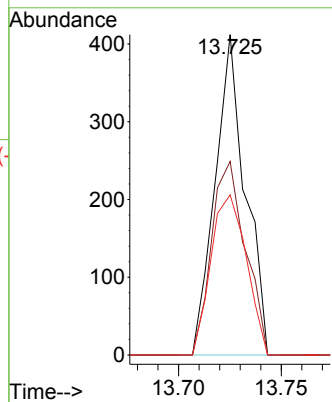
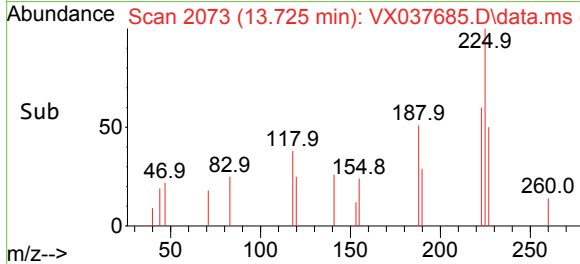


#94
Hexachlorobutadiene
Concen: 0.337 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

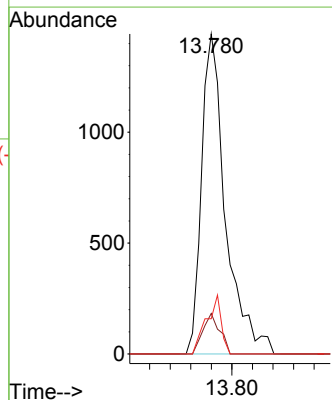
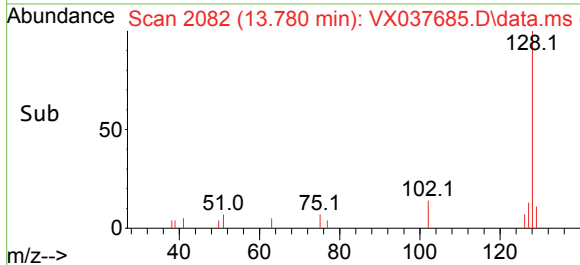
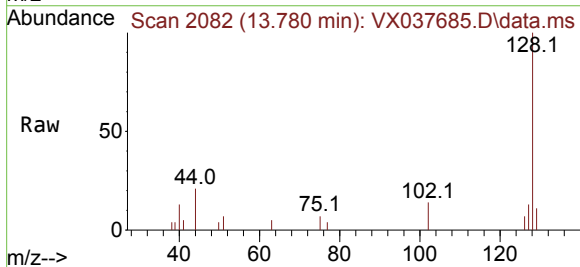


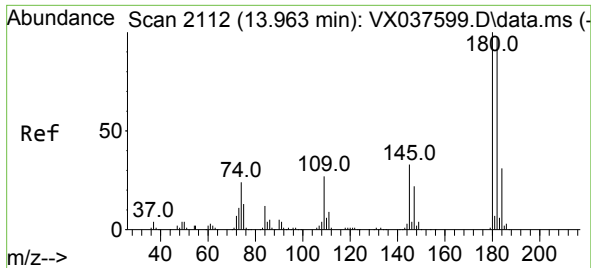
Tgt Ion:225 Resp: 421
Ion Ratio Lower Upper
225 100
223 67.7 31.1 93.2
227 58.7 32.5 97.5



#95
Naphthalene
Concen: 0.216 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

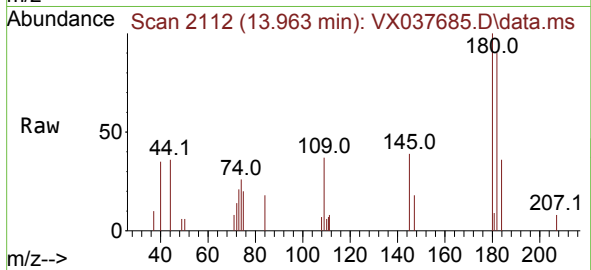
Tgt Ion:128 Resp: 2343
Ion Ratio Lower Upper
128 100
127 9.0 10.3 15.5#
129 11.5 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.376 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX037685.D
 Acq: 13 Sep 2023 11:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1153
Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.6
145	31.7	17.8	53.5

