

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037124.D
 Acq On : 21 Aug 2023 11:51
 Operator : JC/MD
 Sample : VX0821MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 05:53:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

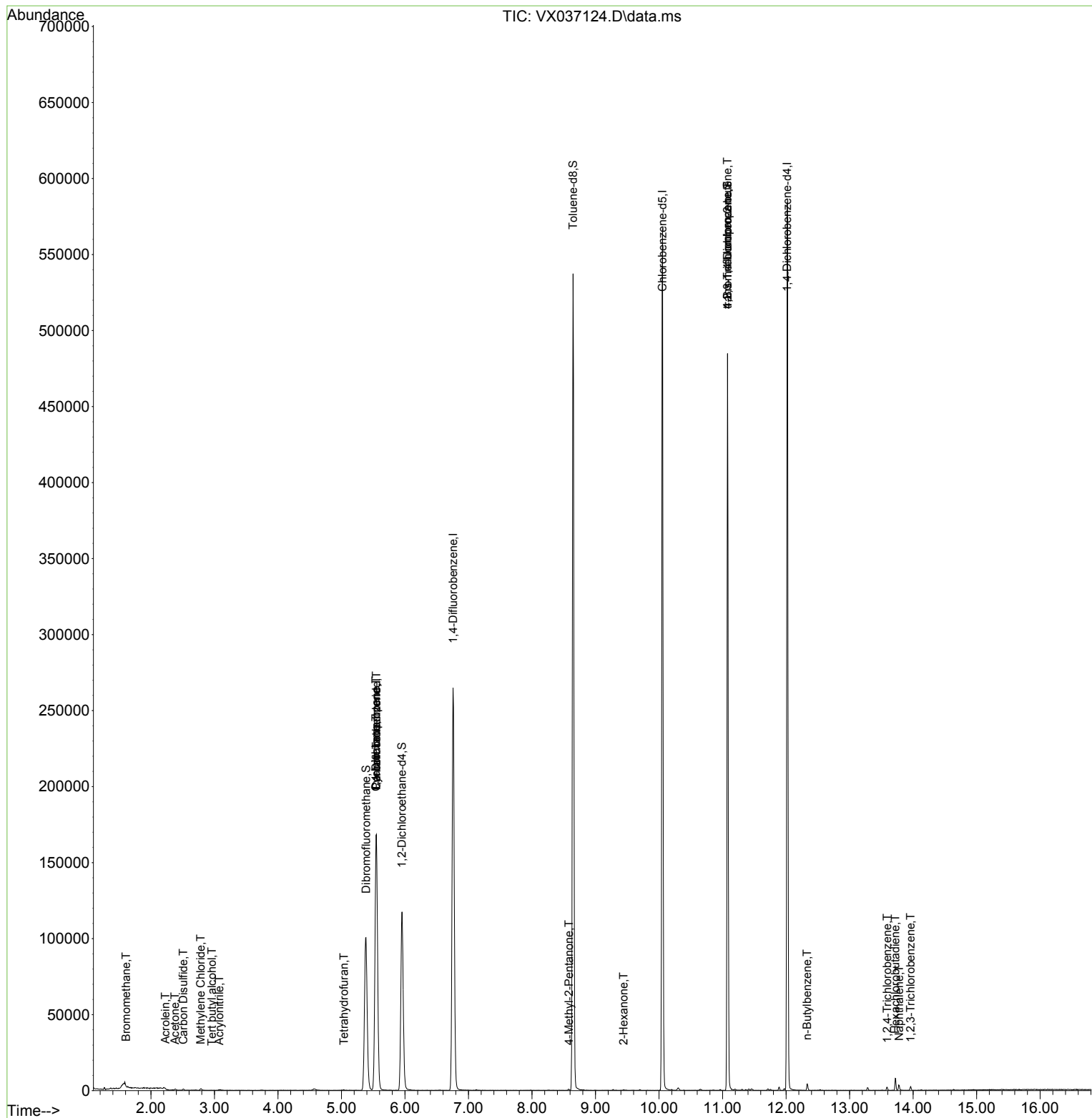
Internal Standards						
1) Pentafluorobenzene	5.550	168	158353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	275132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116399	50.986	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.980%
35) Dibromofluoromethane	5.385	113	89599	49.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.647	98	325394	49.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	129314	49.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	233	0.267	ug/l	87
11) Tert butyl alcohol	2.959	59	147	0.274	ug/l #	78
13) Acrolein	2.227	56	239	0.587	ug/l	87
15) Acrylonitrile	3.075	53	247	0.258	ug/l #	67
16) Acetone	2.380	43	845	0.946	ug/l	96
17) Carbon Disulfide	2.508	76	995	0.240	ug/l #	95
20) Methylene Chloride	2.782	84	525	0.263	ug/l #	79
29) Tetrahydrofuran	5.038	42	258	0.301	ug/l #	48
31) Cyclohexane	5.544	56	3172	1.236	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12609	4.871	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17012	6.050	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	516	0.202	ug/l #	79
59) 2-Hexanone	9.439	43	467	0.240	ug/l #	60
76) 1,2,3-Trichloropropane	11.079	75	66101	25.593	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	66101	71.482	ug/l #	5
89) n-Butylbenzene	12.329	91	1881	0.322	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	706	0.306	ug/l	97
94) Hexachlorobutadiene	13.719	225	1177	1.319	ug/l	92
95) Naphthalene	13.780	128	2935	0.290	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	725	0.316	ug/l	92

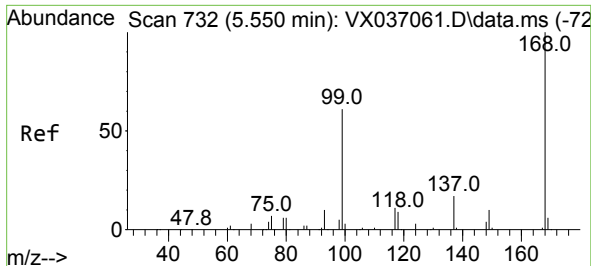
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
Data File : VX037124.D
Acq On : 21 Aug 2023 11:51
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Sample : VX0821MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

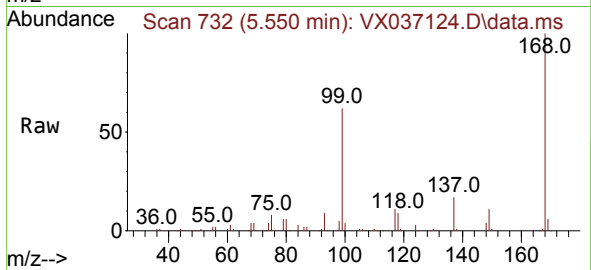
Quant Time: Aug 22 05:53:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



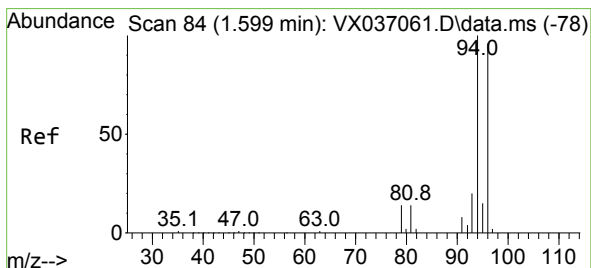
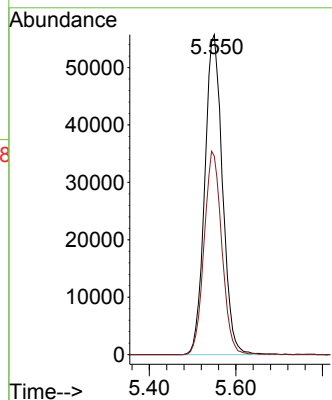
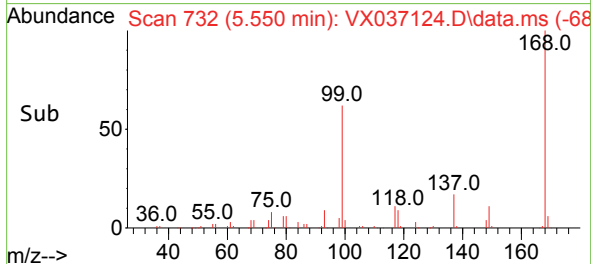


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Instrument :
MSVOA_X
ClientSampleId :

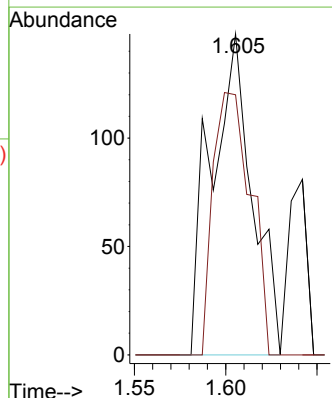
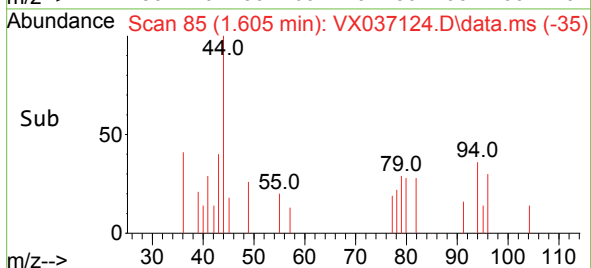
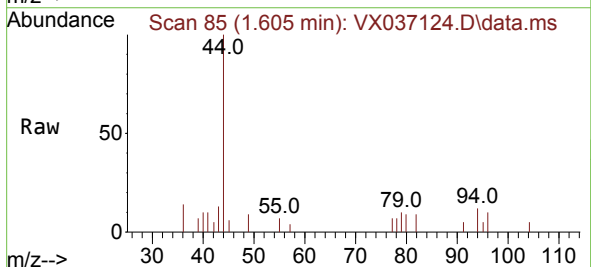


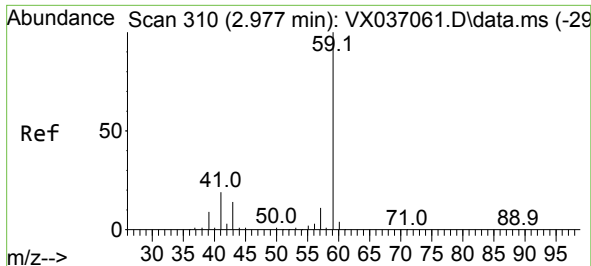
Tgt Ion:168 Resp: 158353
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

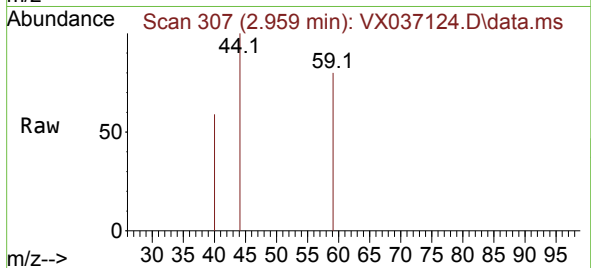
Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 81.1 74.6 111.8



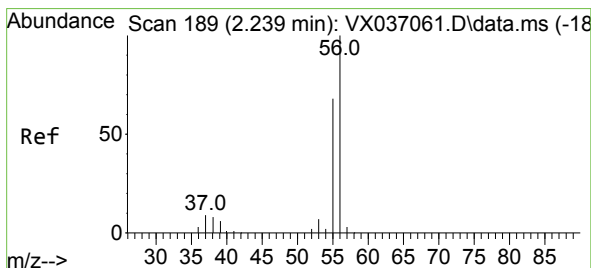
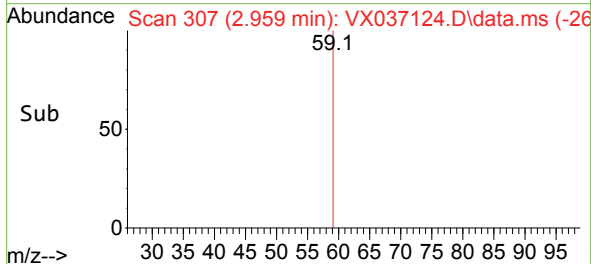
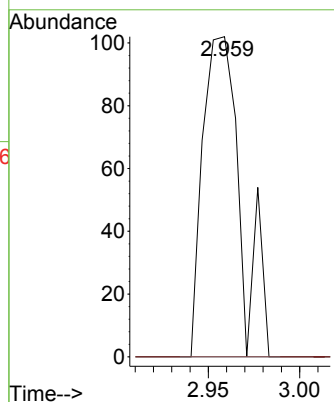


#11
Tert butyl alcohol
Concen: 0.274 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Instrument :
MSVOA_X
ClientSampleId :

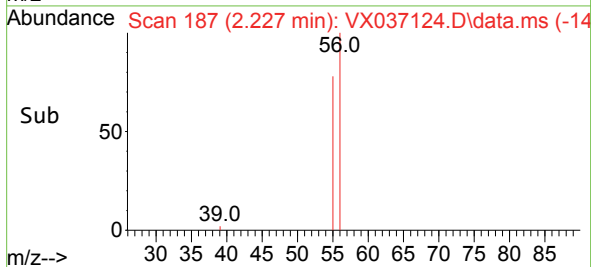
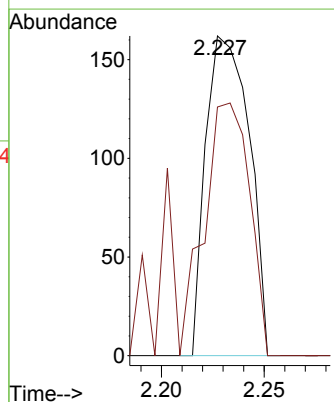
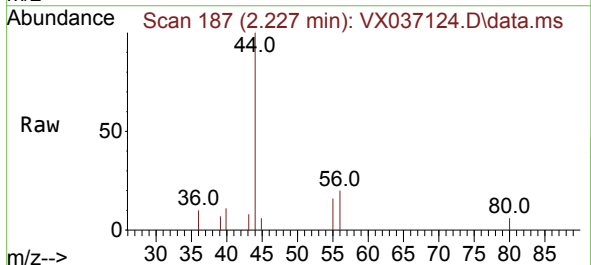


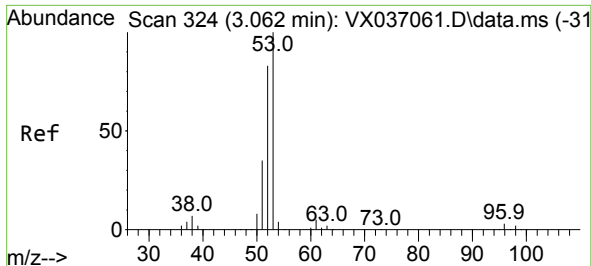
Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.587 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

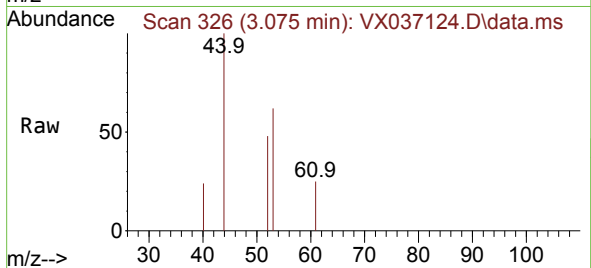
Tgt Ion: 56 Resp: 239
Ion Ratio Lower Upper
56 100
55 82.4 57.1 85.7



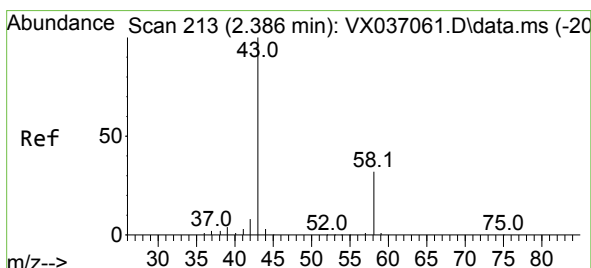
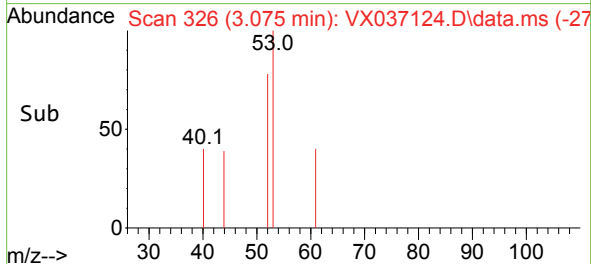
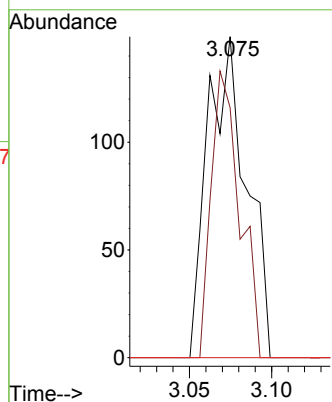


#15
Acrylonitrile
Concen: 0.258 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Instrument :
MSVOA_X
ClientSampleId :

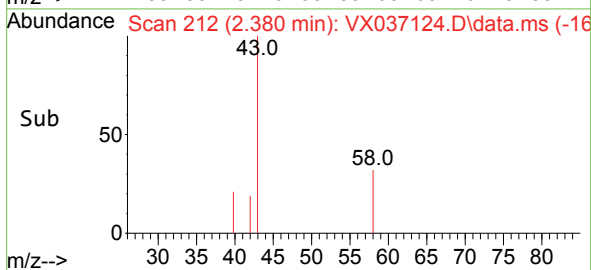
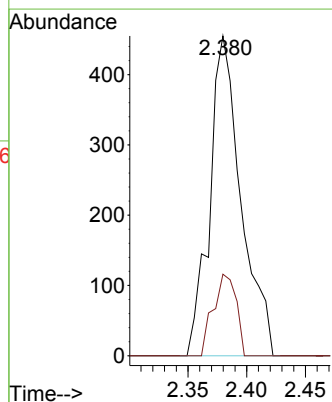
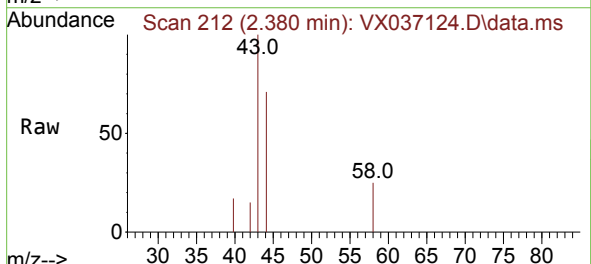


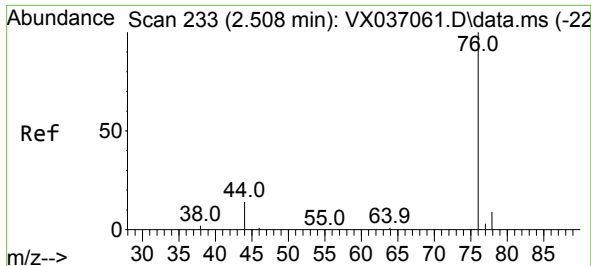
Tgt Ion: 53 Resp: 247
Ion Ratio Lower Upper
53 100
52 64.8 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 0.946 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 25.5 21.9 32.9





#17

Carbon Disulfide

Concen: 0.240 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

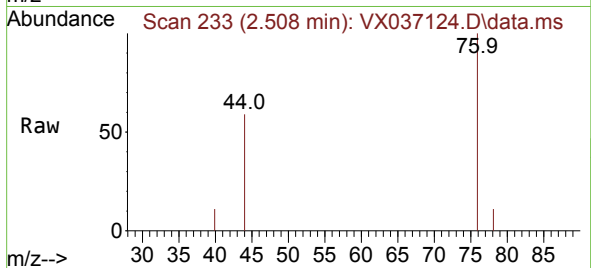
Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

Instrument :

MSVOA_X

ClientSampleId :

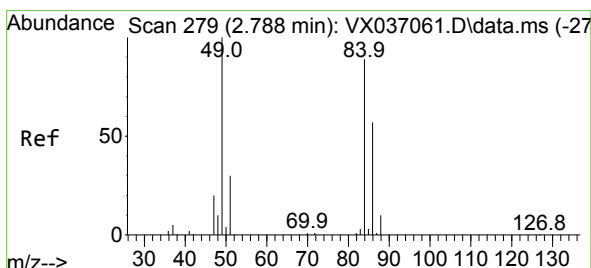
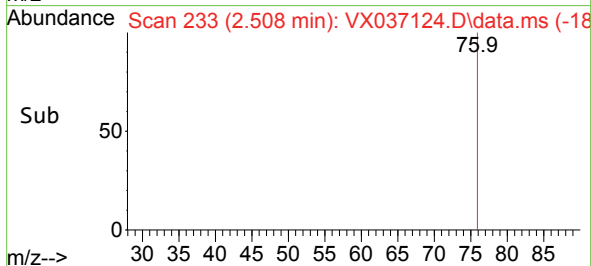
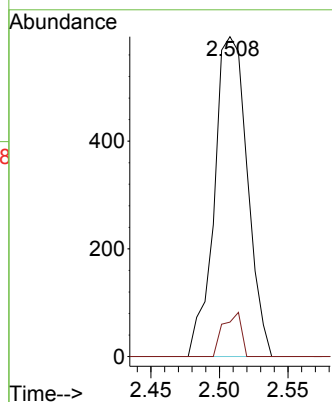


Tgt Ion: 76 Resp: 995

Ion Ratio Lower Upper

76 100

78 10.8 7.0 10.6#



#20

Methylene Chloride

Concen: 0.263 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

Tgt Ion: 84 Resp: 525

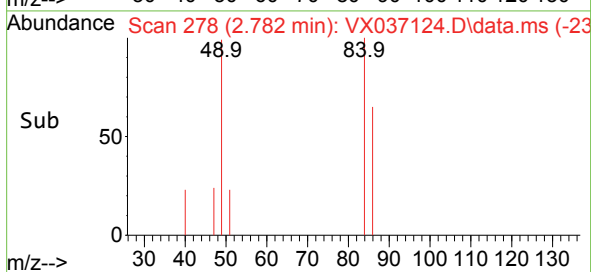
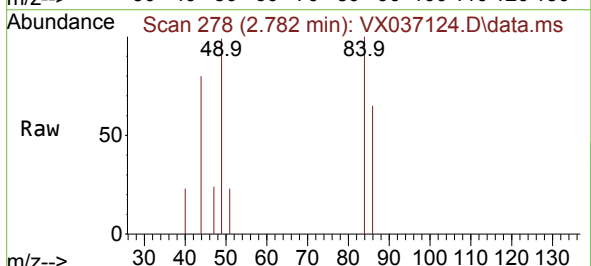
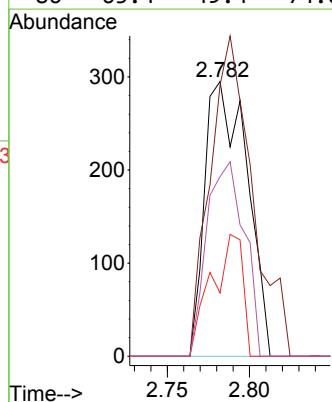
Ion Ratio Lower Upper

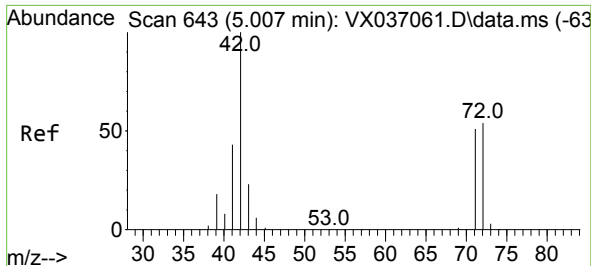
84 100

49 98.6 103.6 155.4#

51 23.1 33.8 50.6#

86 65.4 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.301 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.031 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

Instrument :

MSVOA_X

ClientSampleId :

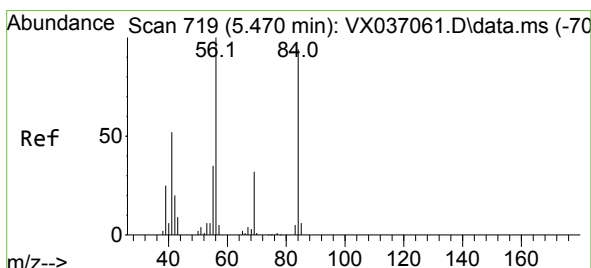
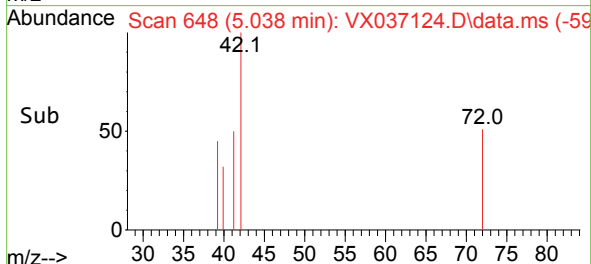
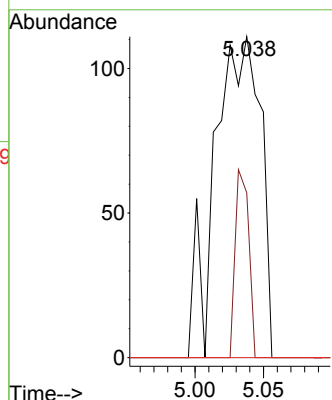
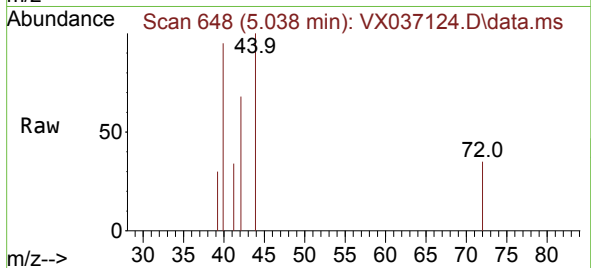
Tgt Ion: 42 Resp: 258

Ion Ratio Lower Upper

42 100

72 17.4 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

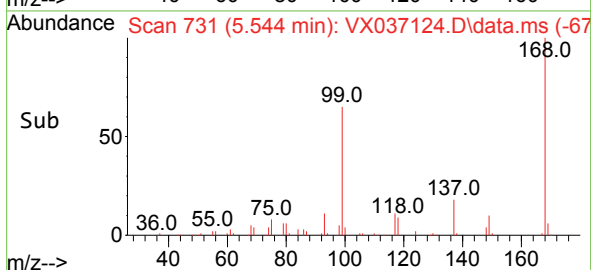
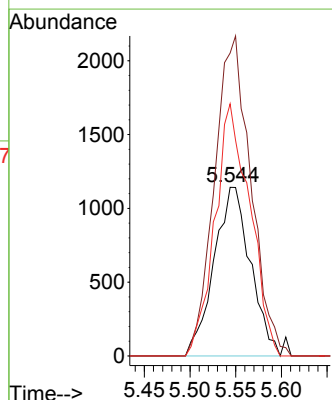
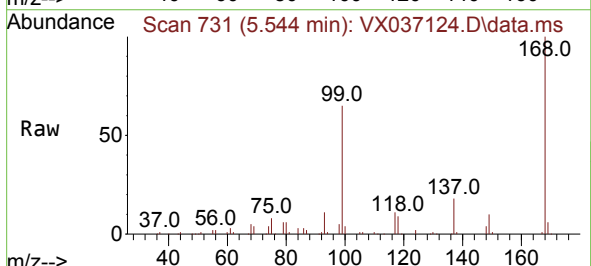
Tgt Ion: 56 Resp: 3172

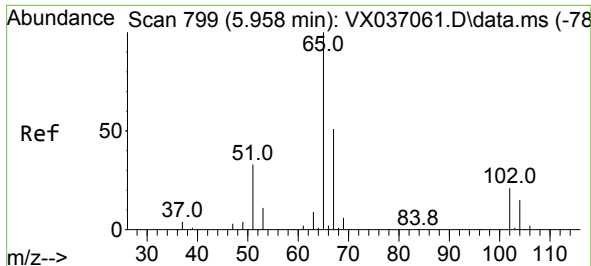
Ion Ratio Lower Upper

56 100

69 179.5 23.4 35.2#

84 149.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.986 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

Instrument :

MSVOA_X

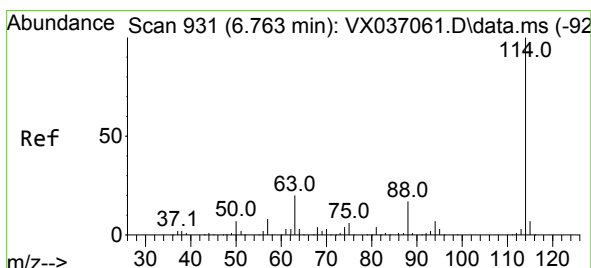
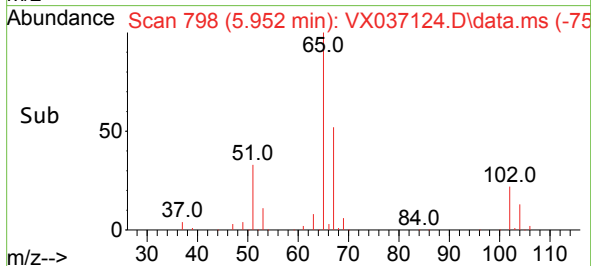
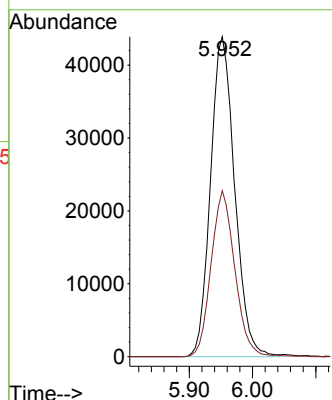
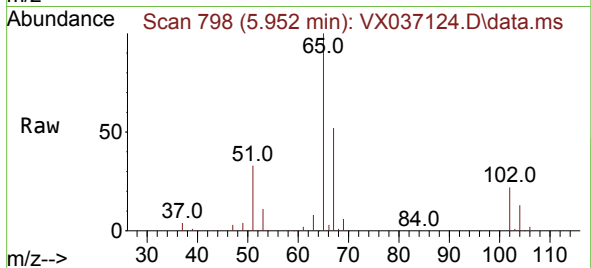
ClientSampleId :

Tgt Ion: 65 Resp: 116399

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

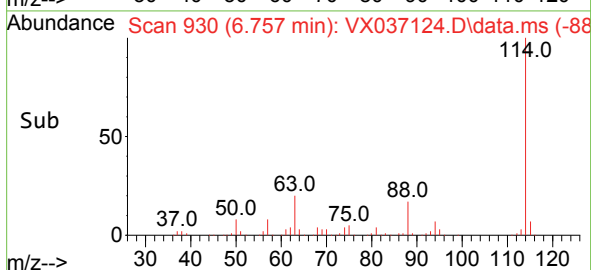
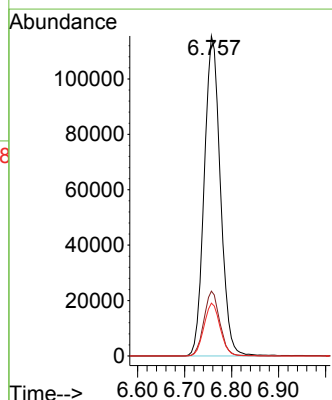
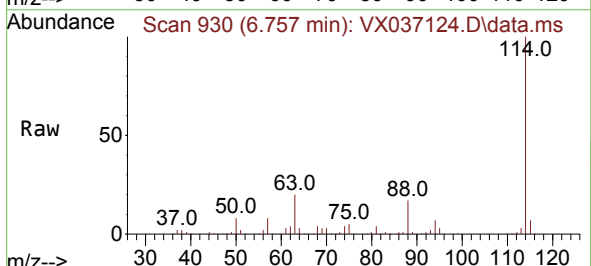
Tgt Ion: 114 Resp: 275132

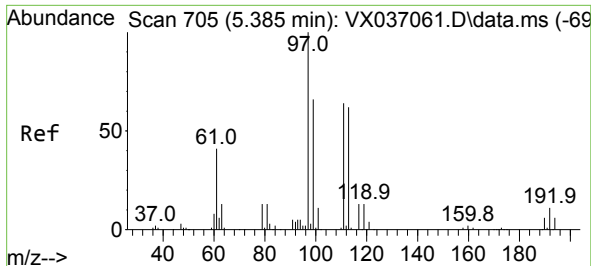
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

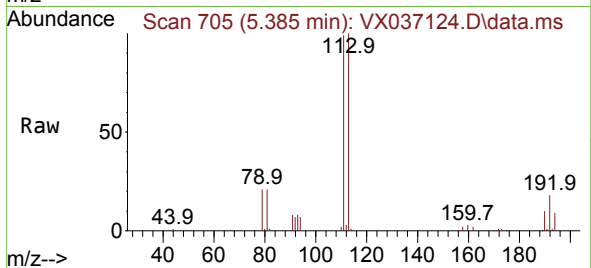
88 16.5 0.0 36.6



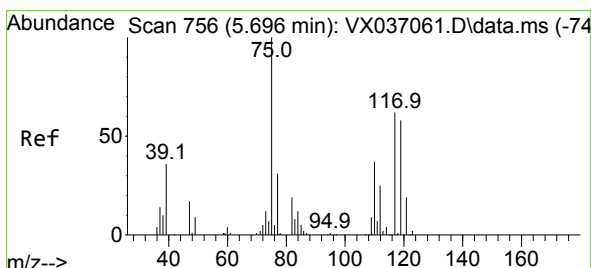
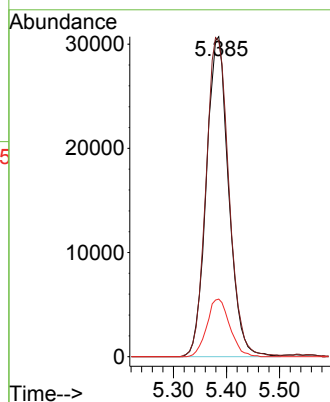
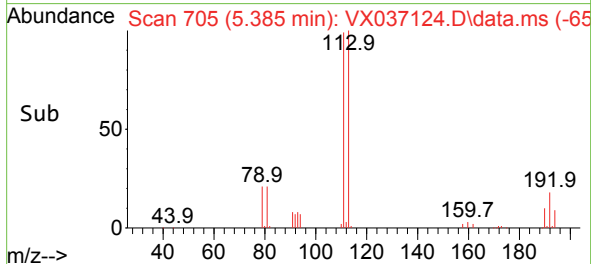


#35
Dibromofluoromethane
Concen: 49.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Instrument :
MSVOA_X
ClientSampleId :

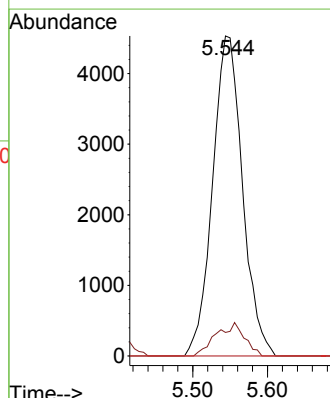
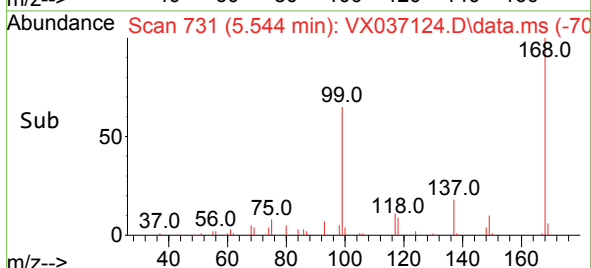
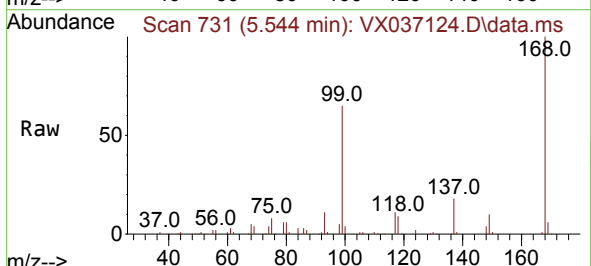


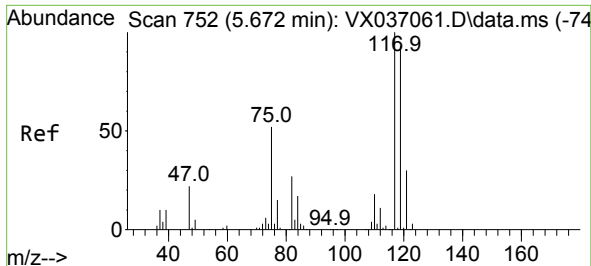
Tgt Ion:113 Resp: 89599
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.871 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

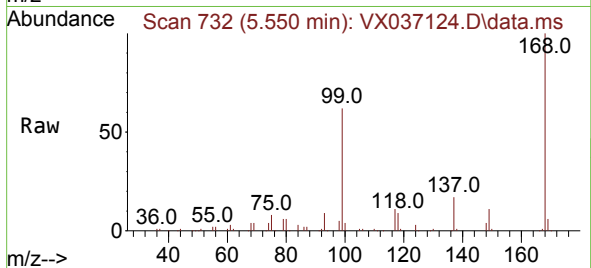
Tgt Ion: 75 Resp: 12609
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



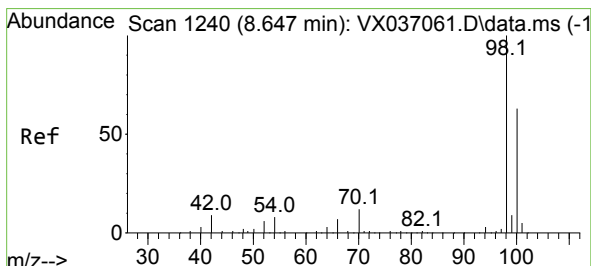
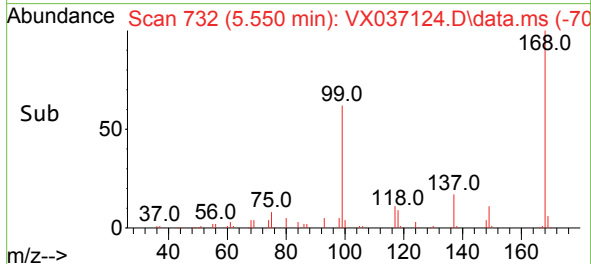
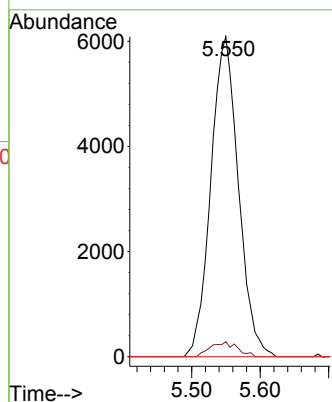


#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Instrument :
MSVOA_X
ClientSampleId :

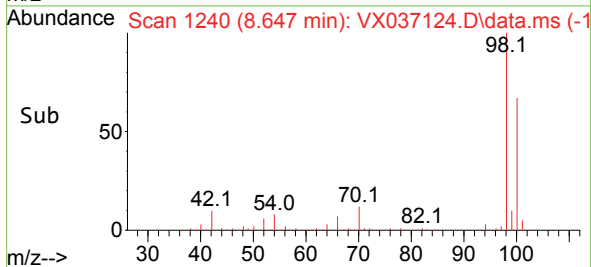
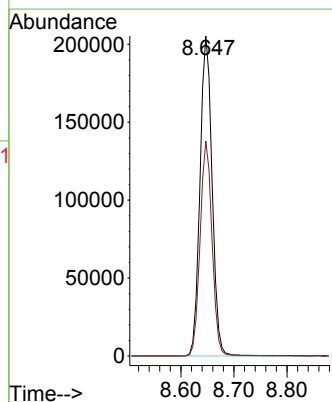
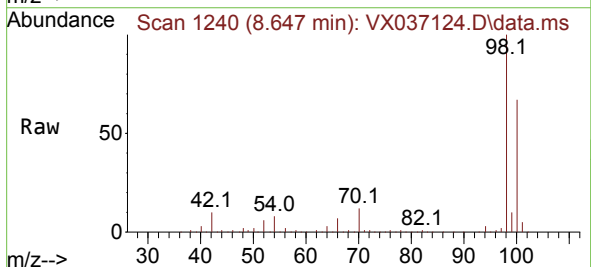


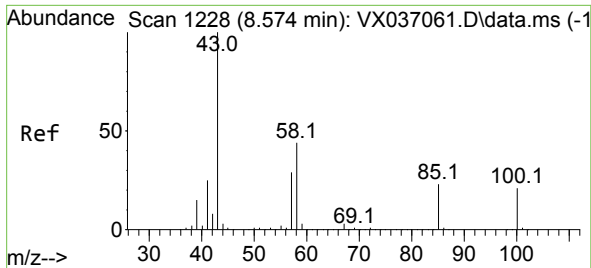
Tgt Ion:117 Resp: 17012
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.231 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Tgt Ion: 98 Resp: 325394
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.202 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

Instrument :

MSVOA_X

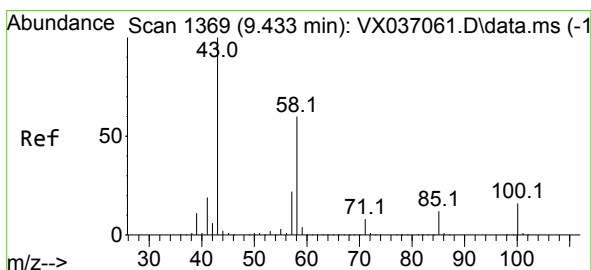
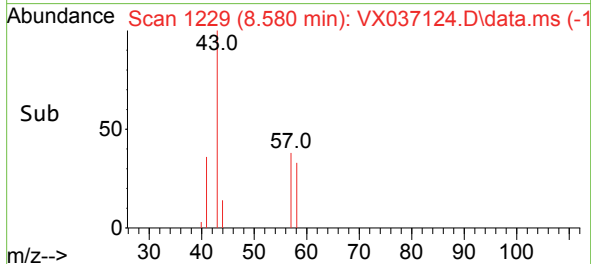
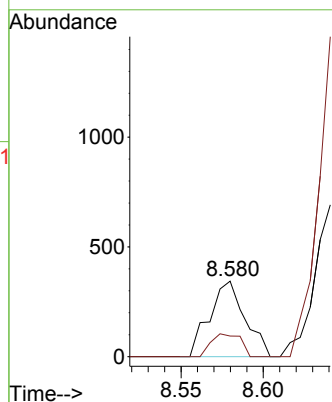
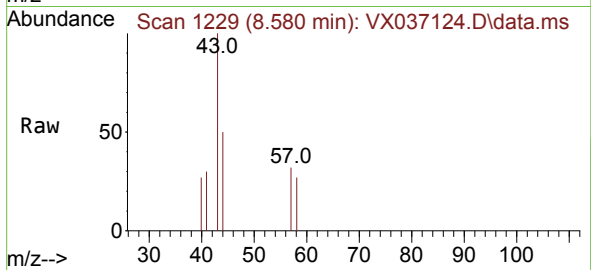
ClientSampleId :

Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 25.2 30.4 45.6#



#59

2-Hexanone

Concen: 0.240 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX037124.D

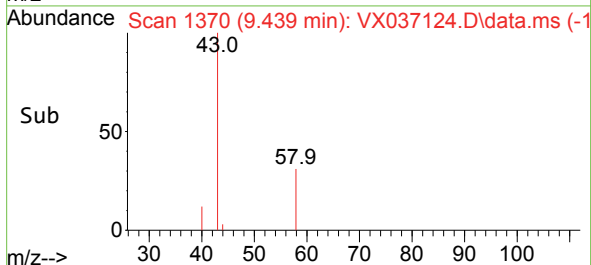
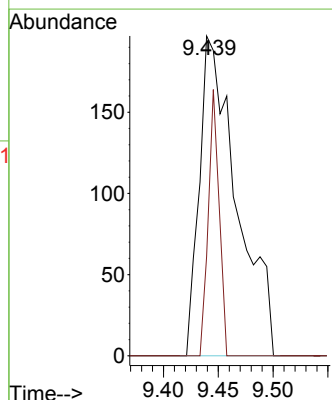
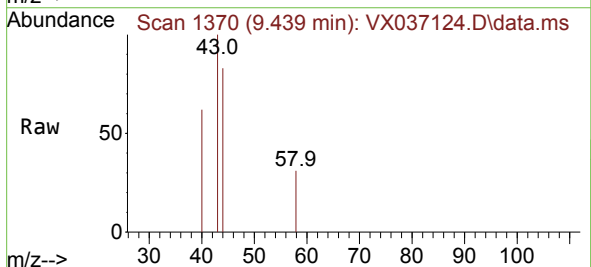
Acq: 21 Aug 2023 11:51

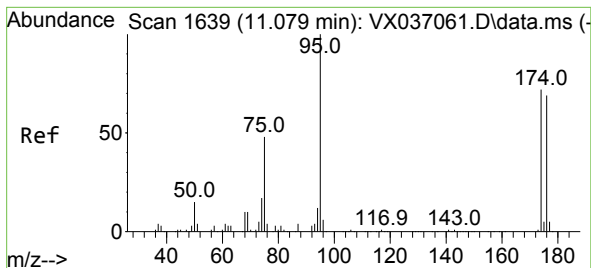
Tgt Ion: 43 Resp: 467

Ion Ratio Lower Upper

43 100

58 24.0 26.2 78.5#

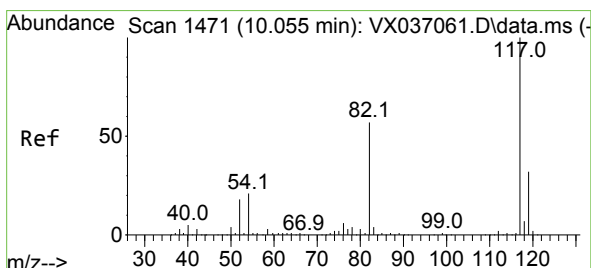
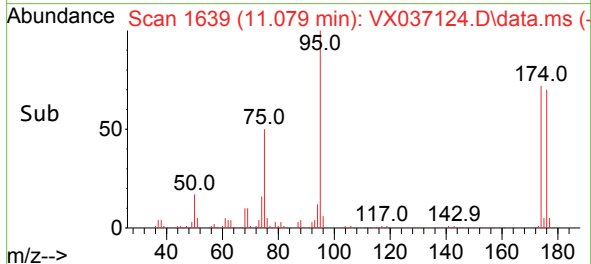
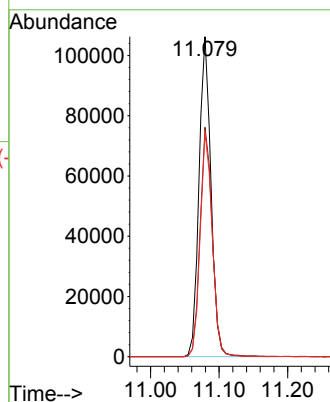
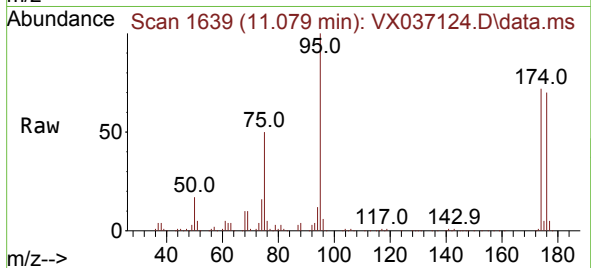




#62
4-Bromofluorobenzene
Concen: 49.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

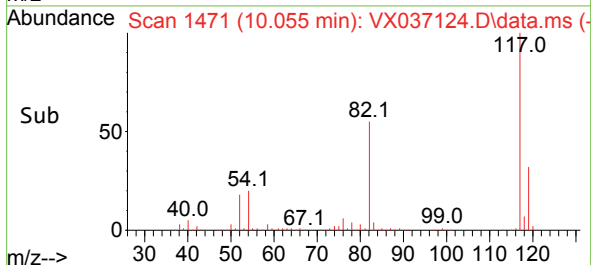
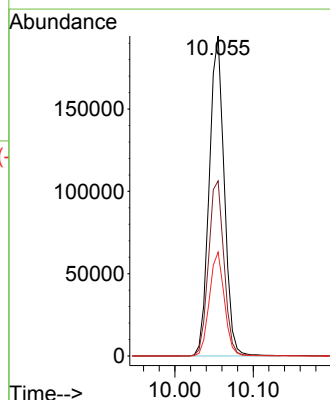
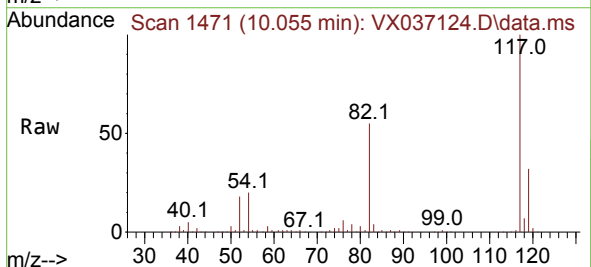
Instrument :
MSVOA_X
ClientSampleId :

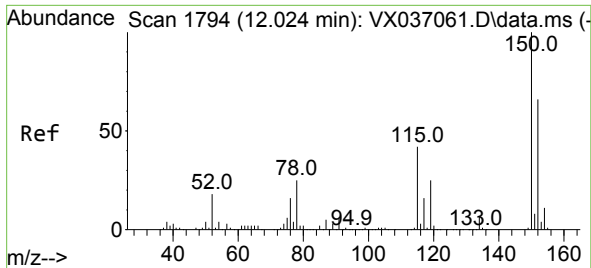
Tgt Ion: 95 Resp: 129314
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

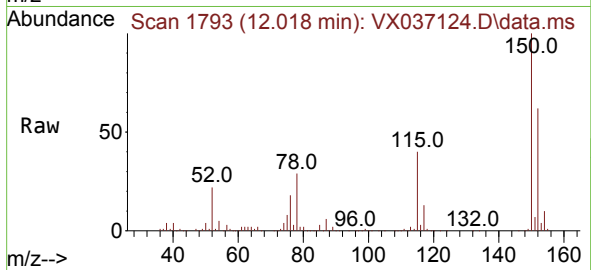
Tgt Ion: 117 Resp: 258056
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.5 25.5 38.3



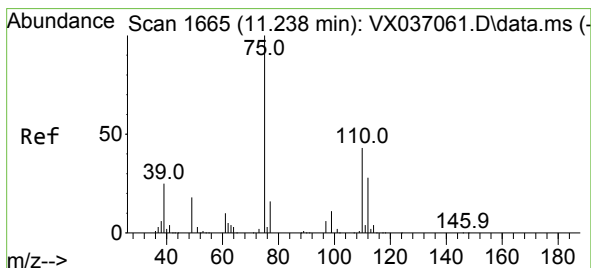
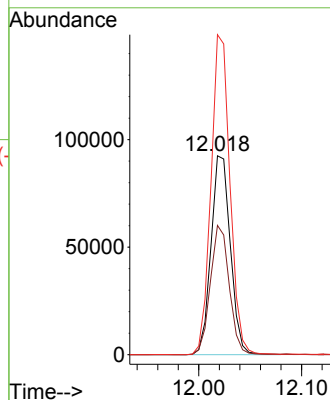
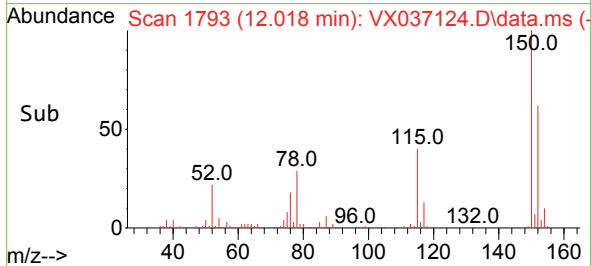


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Instrument :
MSVOA_X
ClientSampleId :

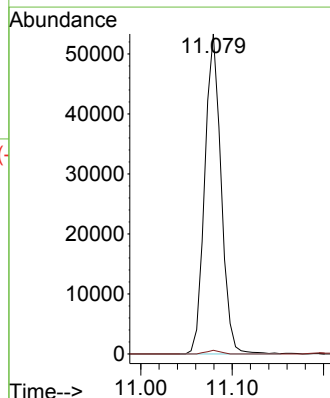
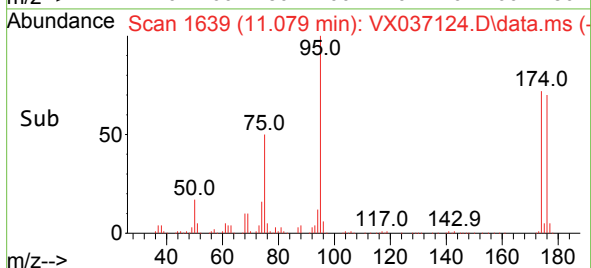
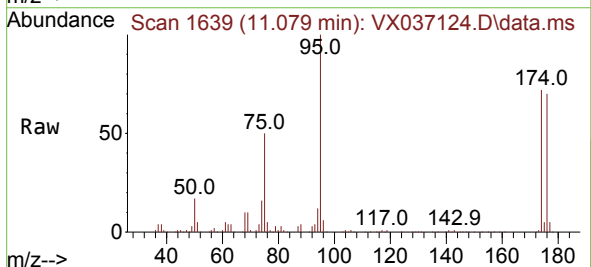


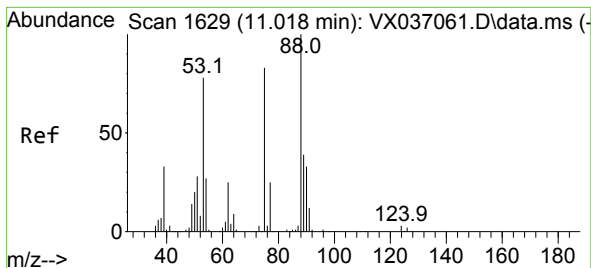
Tgt Ion:152 Resp: 121276
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 157.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Tgt Ion: 75 Resp: 66101
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

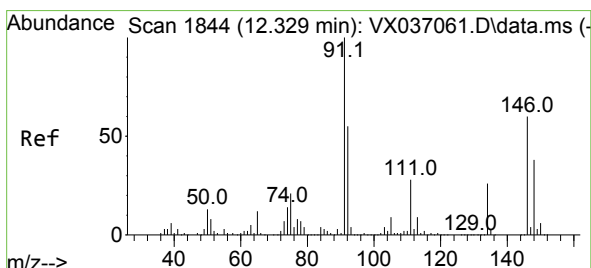
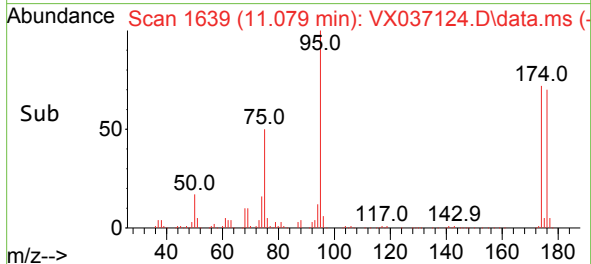
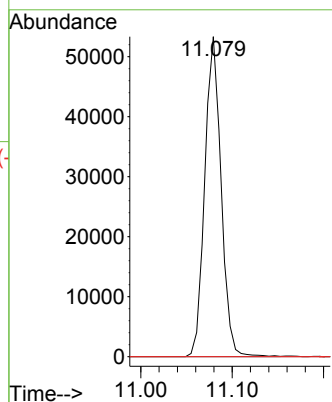
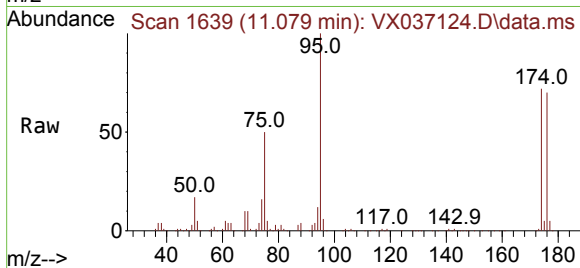




#81
trans-1,4-Dichloro-2-butene
Concen: 71.482 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

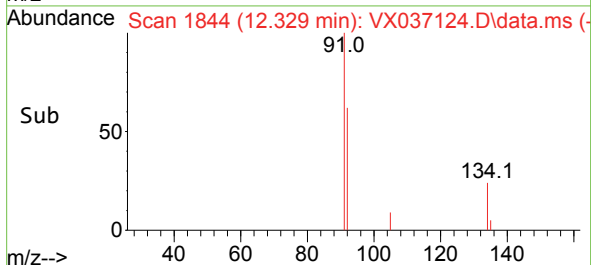
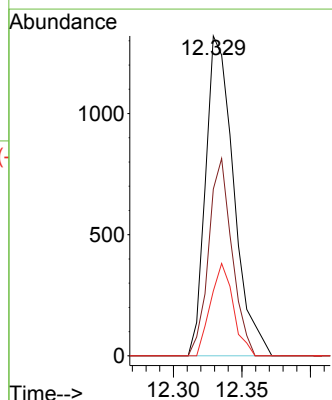
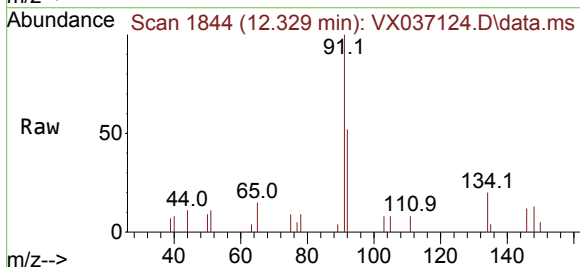
Instrument :
MSVOA_X
ClientSampleId :

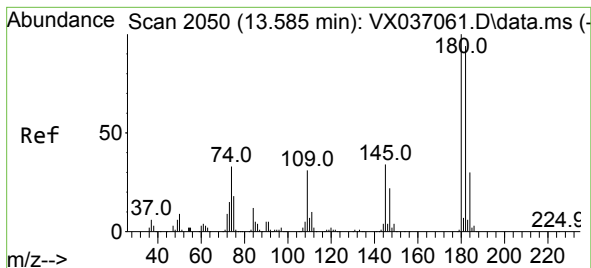
Tgt Ion: 75 Resp: 66101
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.322 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX037124.D
Acq: 21 Aug 2023 11:51

Tgt Ion: 91 Resp: 1881
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 23.3 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.306 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX037124.D

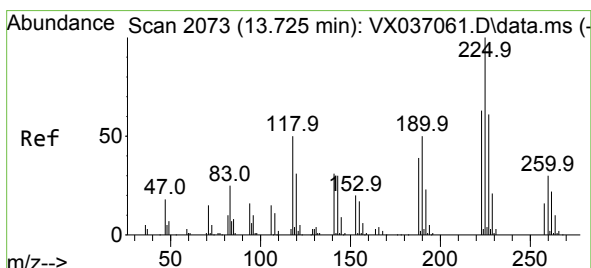
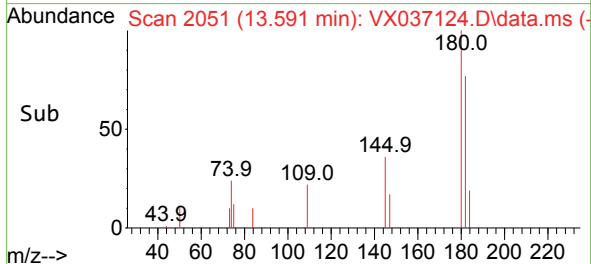
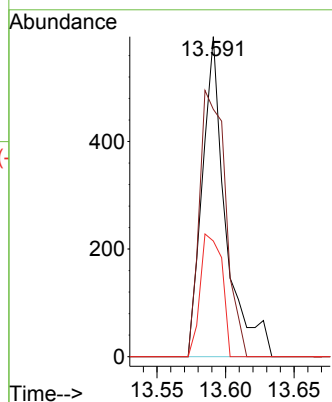
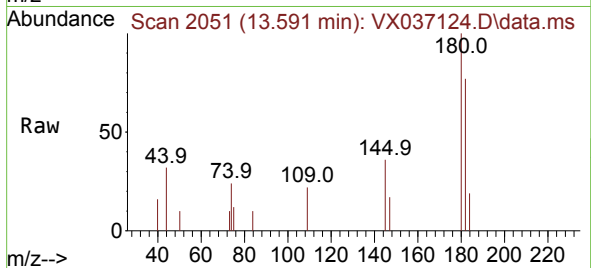
Acq: 21 Aug 2023 11:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	706
Ion Ratio	Lower	Upper
180	100	
182	93.1	48.3 144.8
145	35.6	18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.319 ug/l

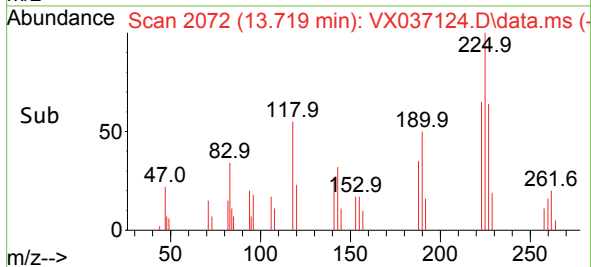
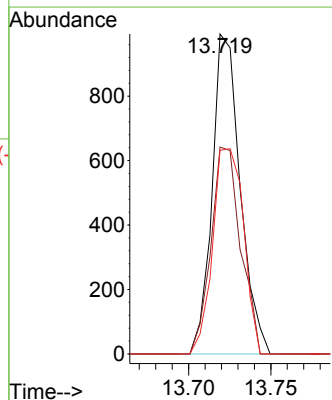
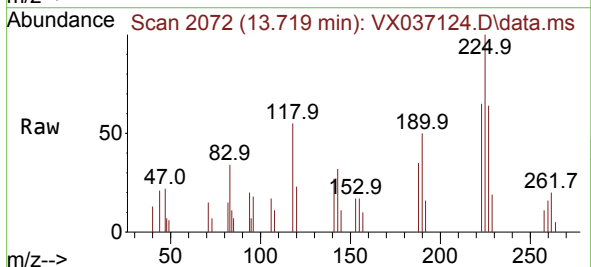
RT: 13.719 min Scan# 2072

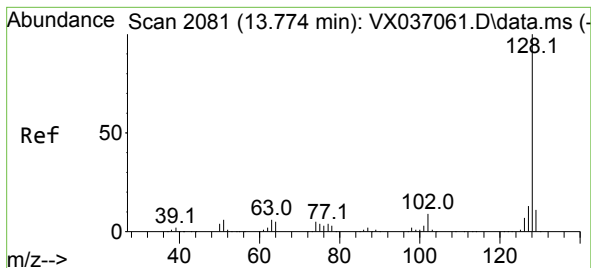
Delta R.T. -0.006 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

Tgt Ion:225	Resp:	1177
Ion Ratio	Lower	Upper
225	100	
223	68.2	31.1 93.2
227	70.6	32.5 97.5





#95

Naphthalene

Concen: 0.290 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX037124.D

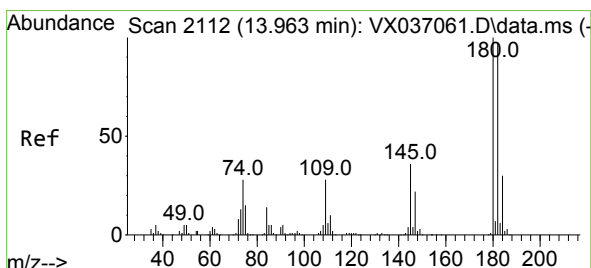
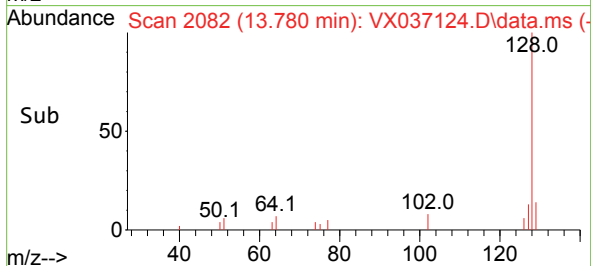
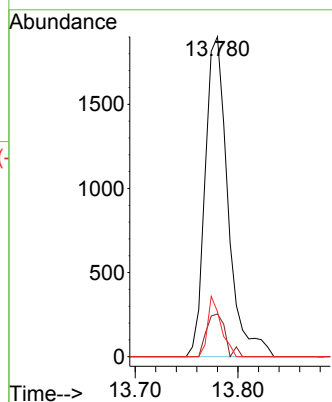
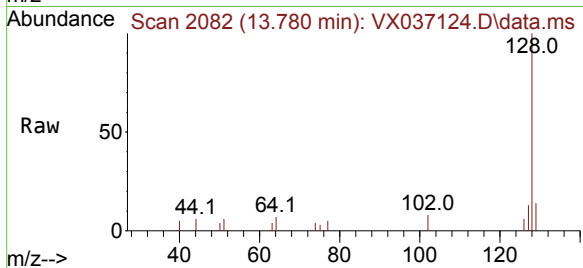
Acq: 21 Aug 2023 11:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	2935
Ion	Ratio	Lower Upper
128	100	
127	11.0	10.3 15.5
129	11.0	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.316 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037124.D

Acq: 21 Aug 2023 11:51

Tgt Ion:180	Resp:	725
Ion	Ratio	Lower Upper
180	100	
182	100.6	46.9 140.6
145	30.6	17.8 53.5

