

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036949.D
 Acq On : 11 Aug 2023 18:27
 Operator : JC/MD
 Sample : 03961-03 10X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 23:05:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

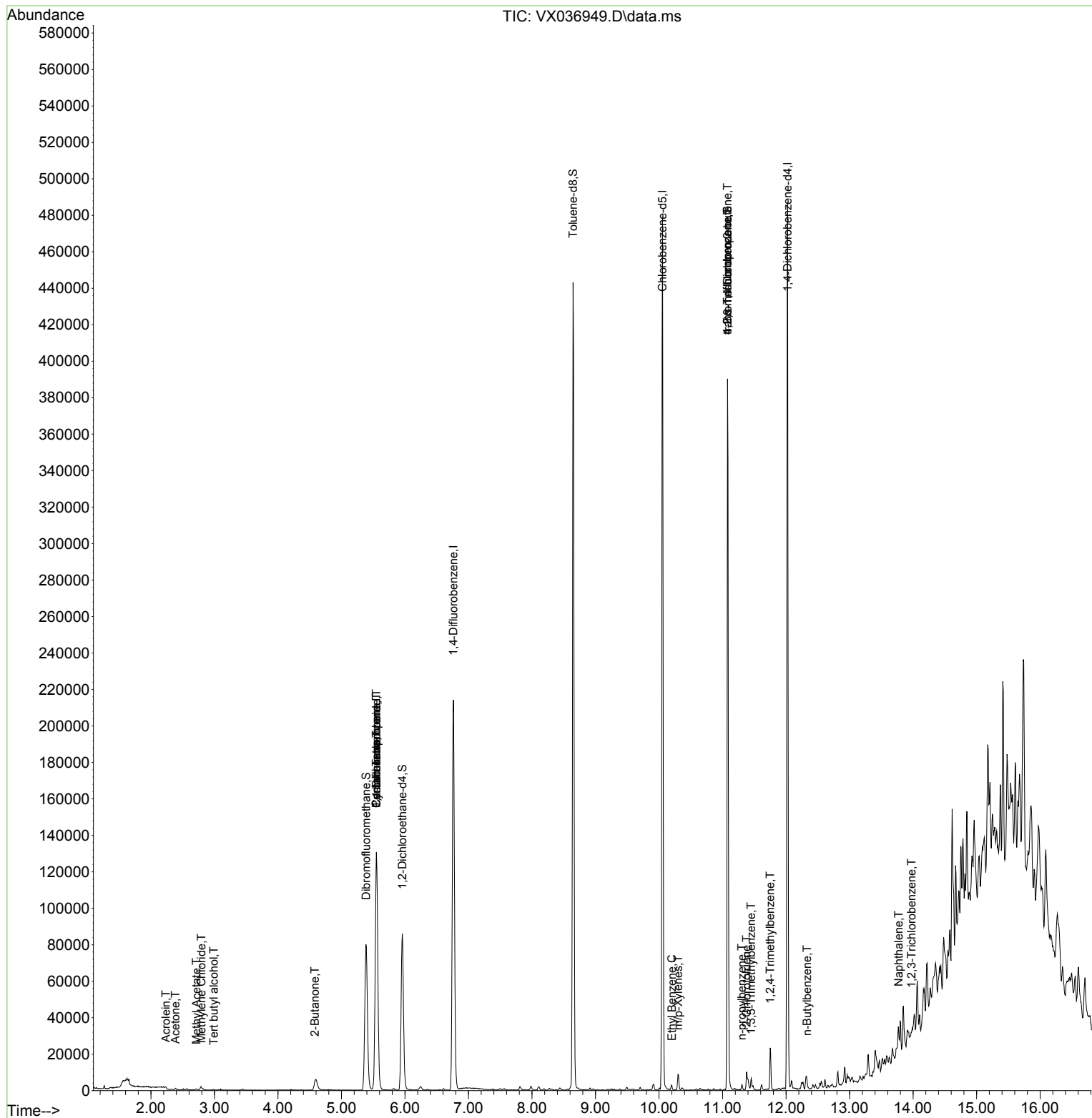
Internal Standards						
1) Pentafluorobenzene	5.550	168	118408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219560	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84647	48.314	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.620%
35) Dibromofluoromethane	5.385	113	70290	46.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	265844	49.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.079	95	105477	52.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	302	0.728	ug/l #	78
13) Acrolein	2.233	56	101	0.427	ug/l #	1
16) Acetone	2.386	43	951	1.308	ug/l #	84
18) Methyl Acetate	2.715	43	894	0.292	ug/l	98
20) Methylene Chloride	2.794	84	982	0.607	ug/l #	81
25) 2-Butanone	4.580	43	268	0.227	ug/l #	51
31) Cyclohexane	5.550	56	2836	1.169	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9969	4.432	ug/l #	46
38) Carbon Tetrachloride	5.550	117	12994	5.434	ug/l #	15
67) Ethyl Benzene	10.201	91	1748	0.205	ug/l	92
68) m/p-Xylenes	10.299	106	2249	0.708	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	55713	23.442	ug/l #	38
78) n-propylbenzene	11.305	91	2257	0.233	ug/l	96
79) 2-Chlorotoluene	11.378	91	1302	0.222	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	3002	0.429	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	55713	53.133	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	10304	1.473	ug/l	96
89) n-Butylbenzene	12.329	91	1470	0.233	ug/l #	45
95) Naphthalene	13.774	128	5193	0.711	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.975	180	456	0.221	ug/l #	1

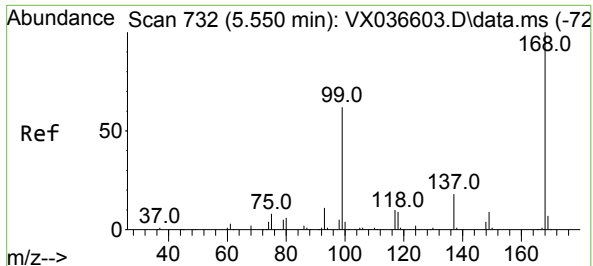
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

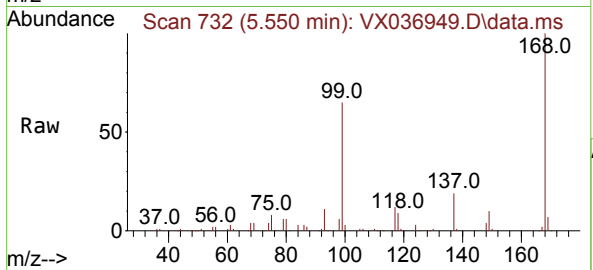
Quant Time: Aug 11 23:05:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



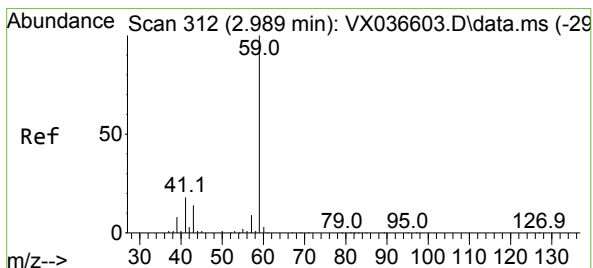
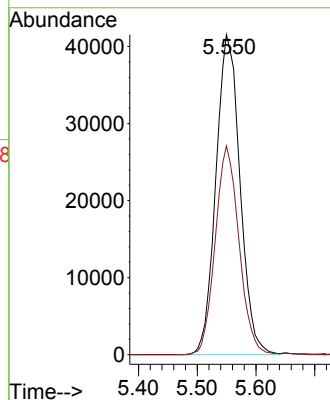
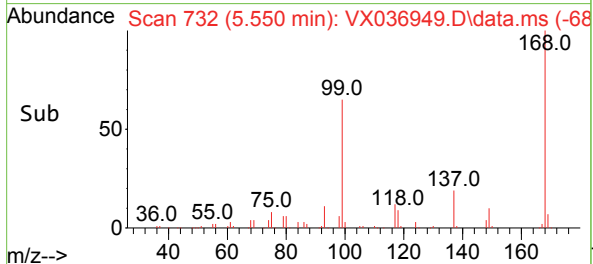


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :

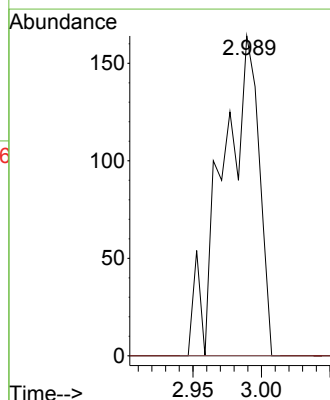
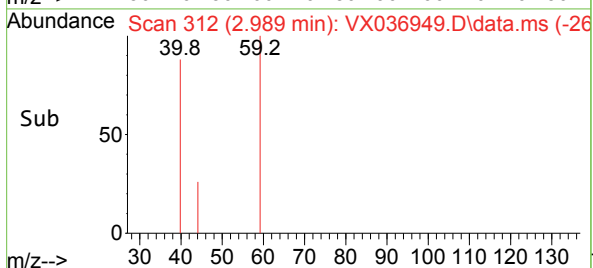
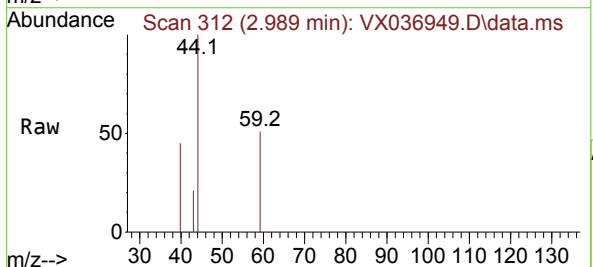


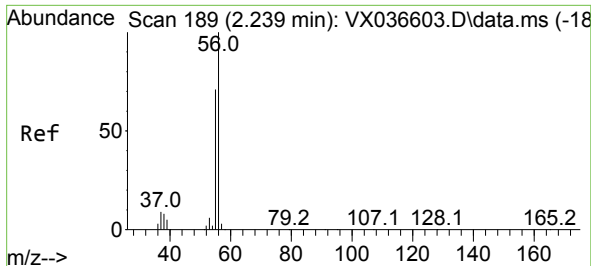
Tgt Ion:168 Resp: 118408
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.728 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.000 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

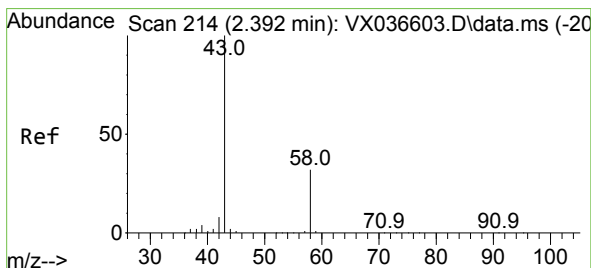
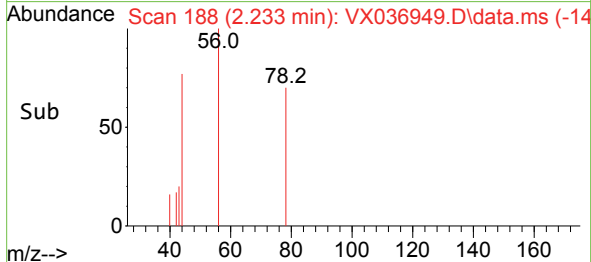
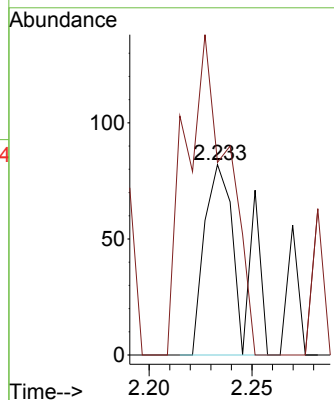
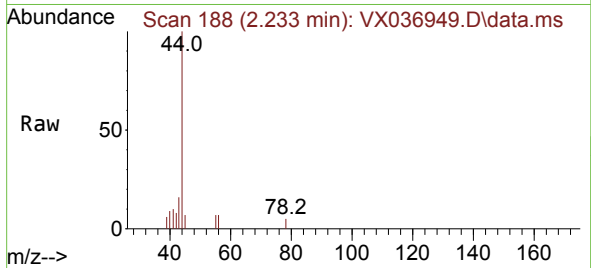




#13
Acrolein
Concen: 0.427 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

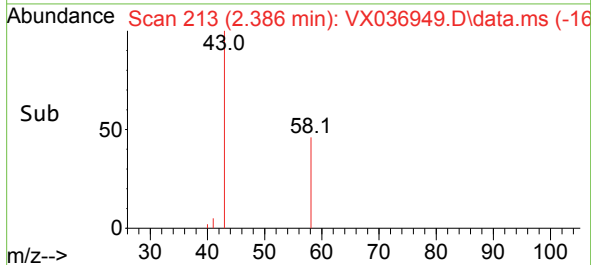
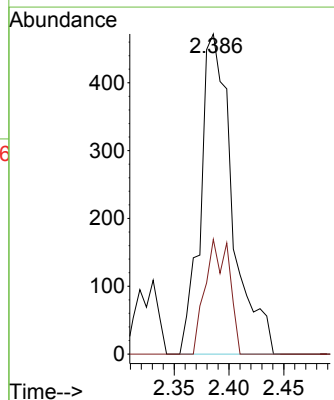
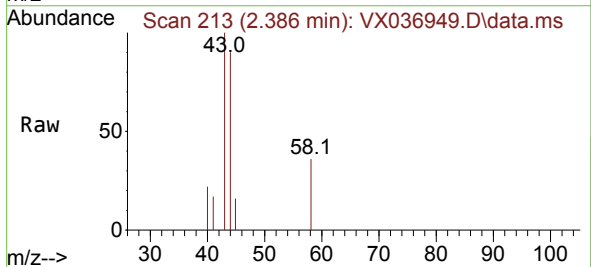
Instrument :
MSVOA_X
ClientSampleId :

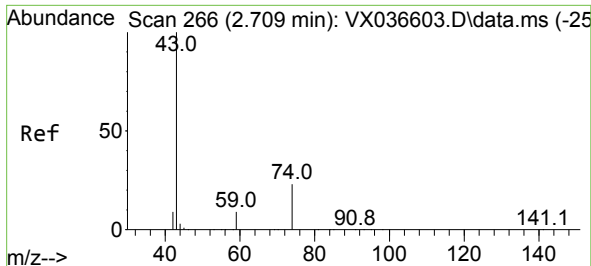
Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 197.0 57.1 85.7#



#16
Acetone
Concen: 1.308 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#

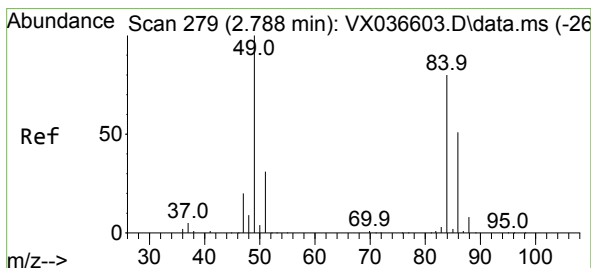
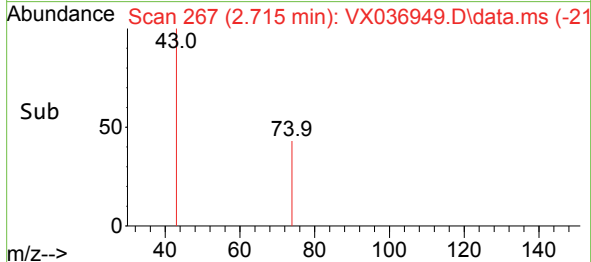
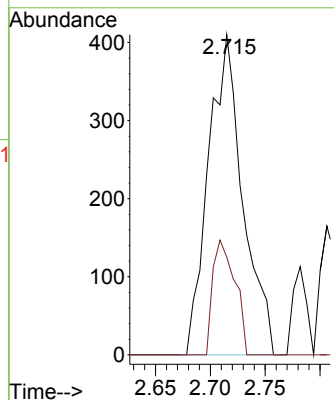
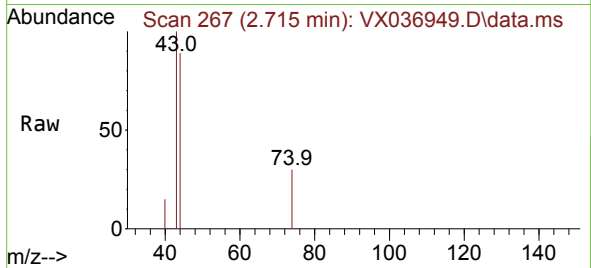




#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

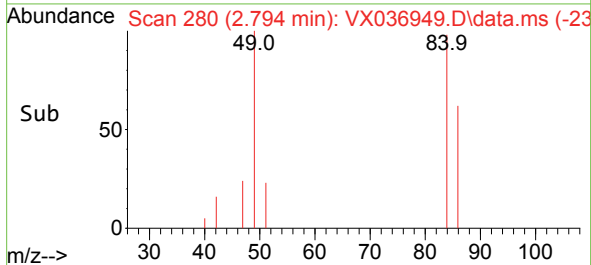
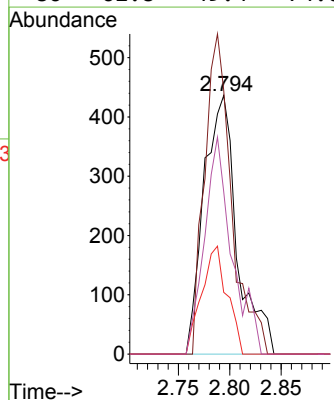
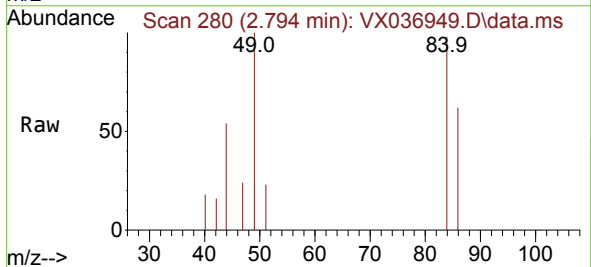
Instrument :
MSVOA_X
ClientSampleId :

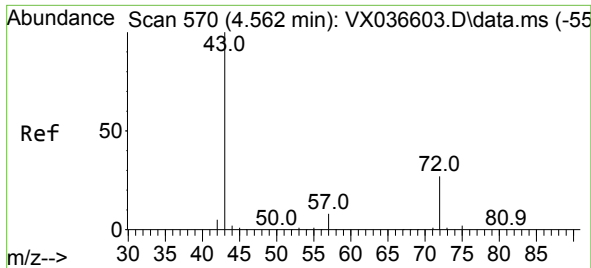
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8



#20
Methylene Chloride
Concen: 0.607 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Tgt Ion: 84 Resp: 982
Ion Ratio Lower Upper
84 100
49 102.1 103.6 155.4#
51 23.9 33.8 50.6#
86 62.8 49.4 74.0

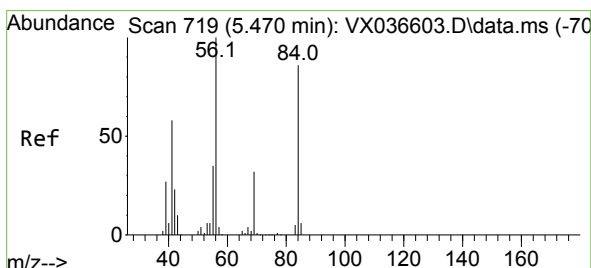
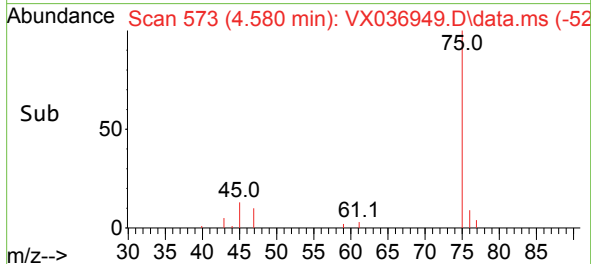
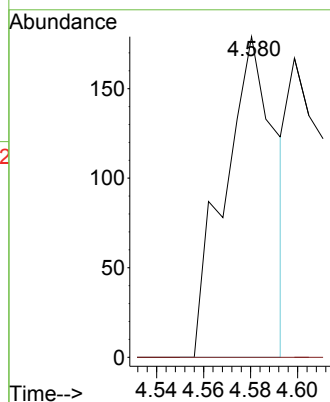
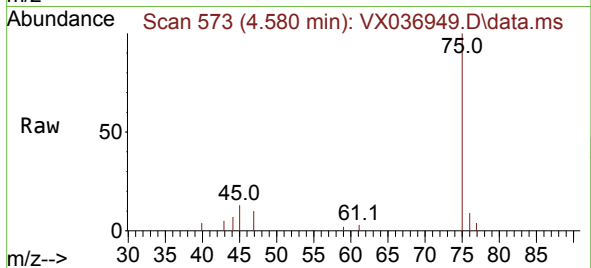




#25
2-Butanone
Concen: 0.227 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

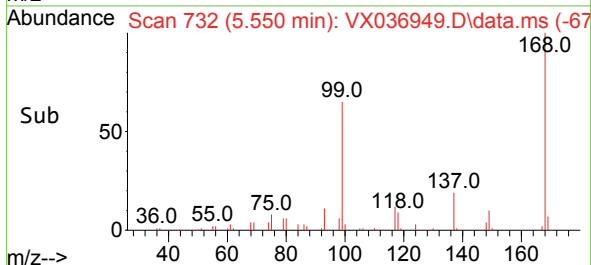
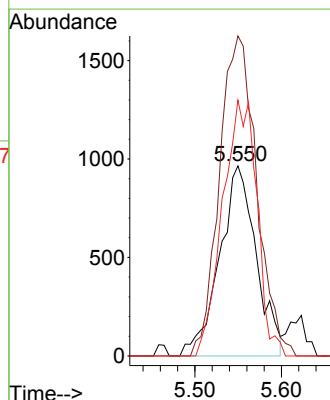
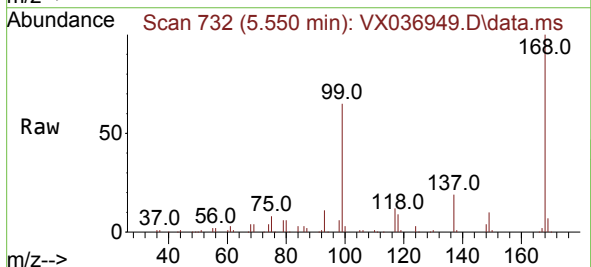
Instrument :
MSVOA_X
ClientSampleId :

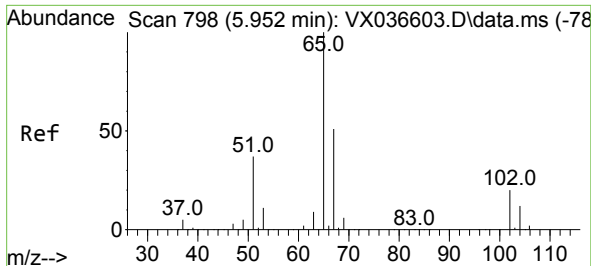
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Tgt Ion: 56 Resp: 2836
Ion Ratio Lower Upper
56 100
69 168.4 23.4 35.2#
84 134.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.314 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

Instrument :

MSVOA_X

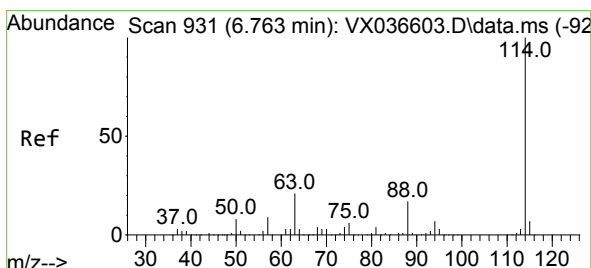
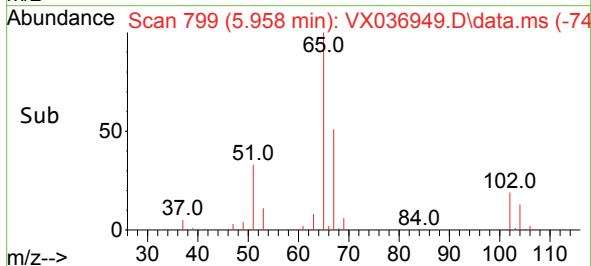
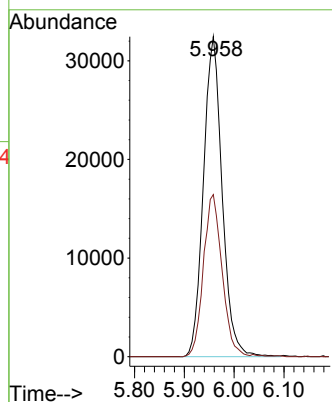
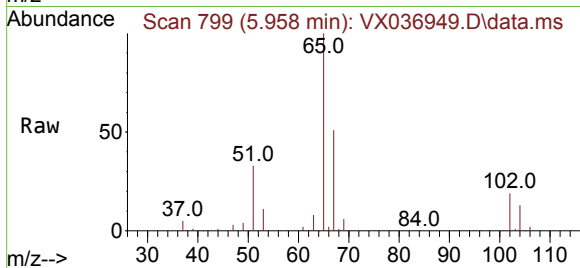
ClientSampleId :

Tgt Ion: 65 Resp: 84647

Ion Ratio Lower Upper

65 100

67 50.4 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: VX036949.D

Acq: 11 Aug 2023 18:27

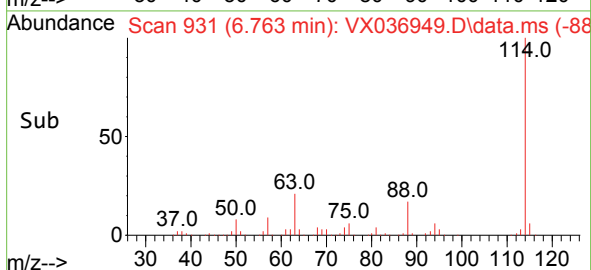
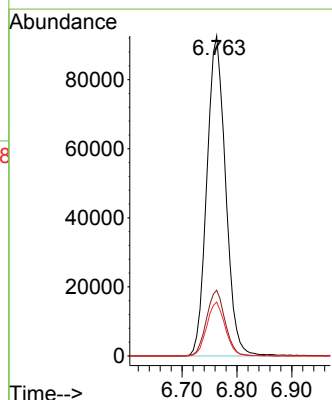
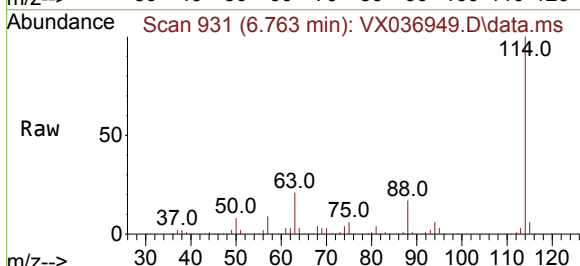
Tgt Ion: 114 Resp: 219560

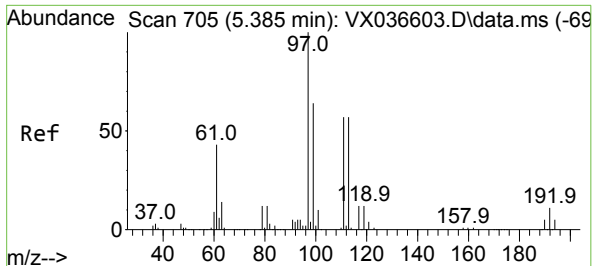
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

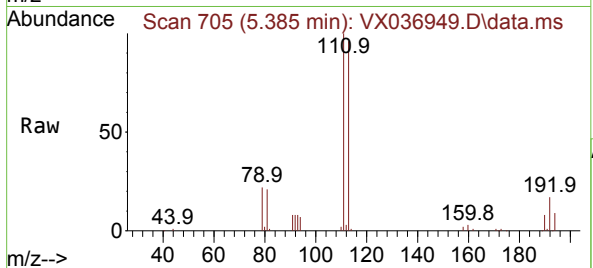
88 16.9 0.0 36.6



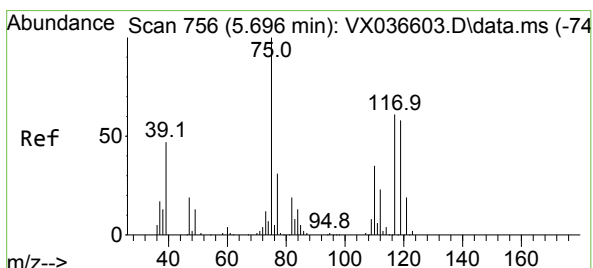
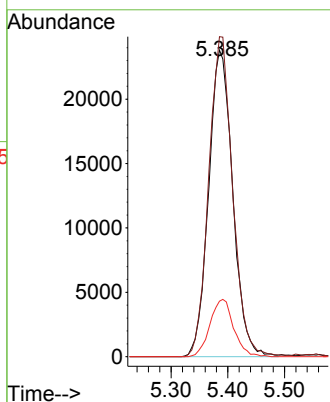
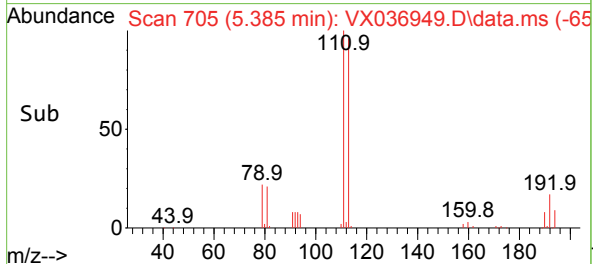


#35
Dibromofluoromethane
Concen: 46.576 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :

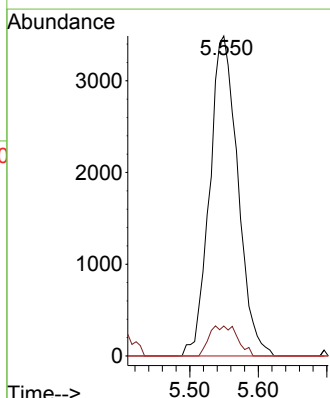
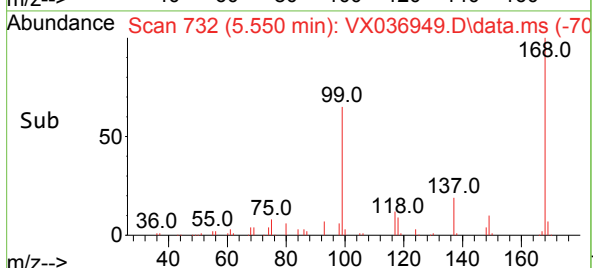
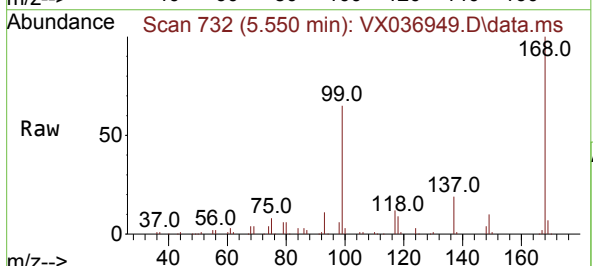


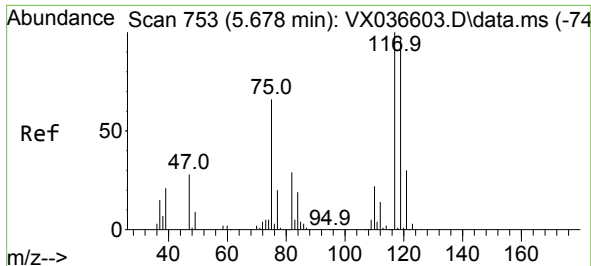
Tgt Ion:113 Resp: 70290
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.432 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

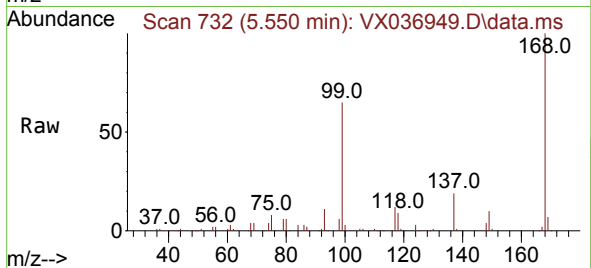
Tgt Ion: 75 Resp: 9969
Ion Ratio Lower Upper
75 100
110 4.1 17.0 50.9#
77 0.0 24.7 37.1#



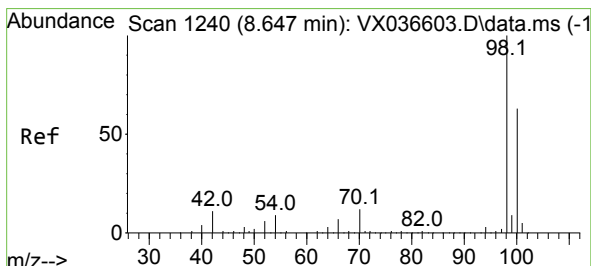
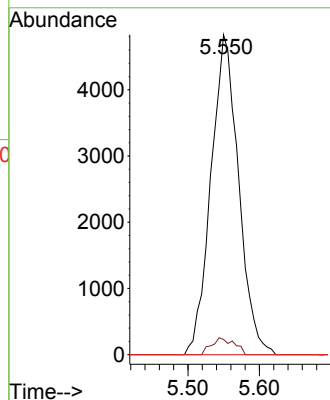
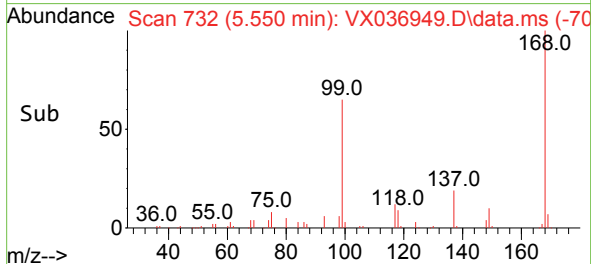


#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :

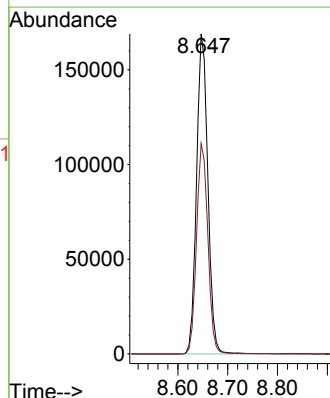
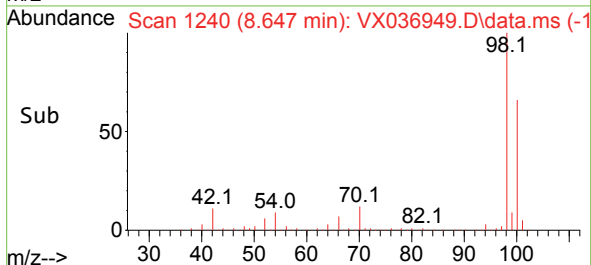
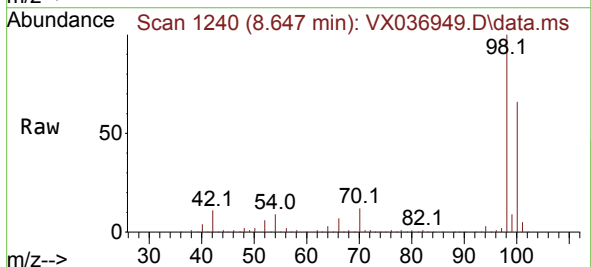


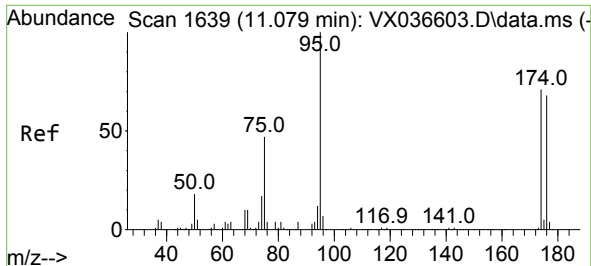
Tgt Ion:117 Resp: 12994
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Tgt Ion: 98 Resp: 265844
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

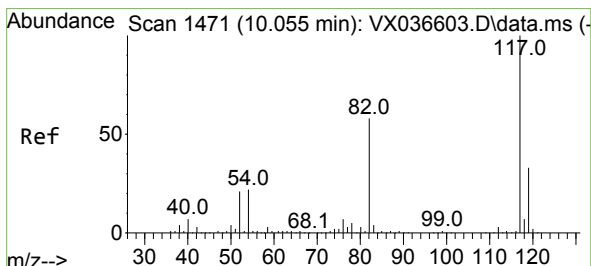
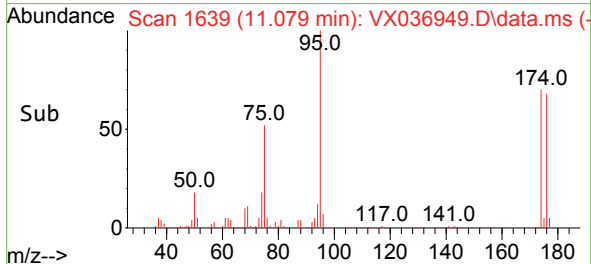
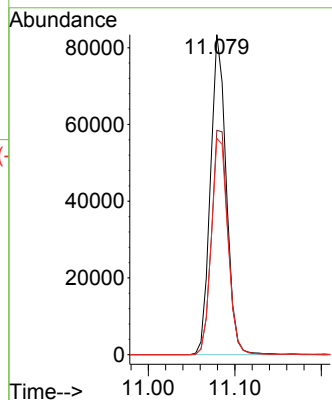
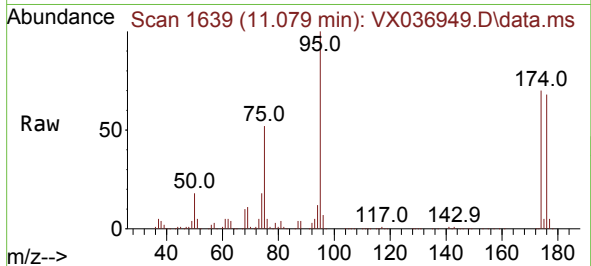




#62
4-Bromofluorobenzene
Concen: 52.239 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

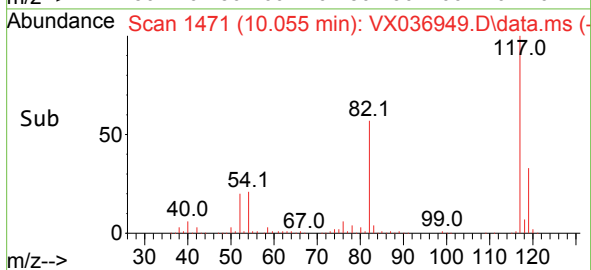
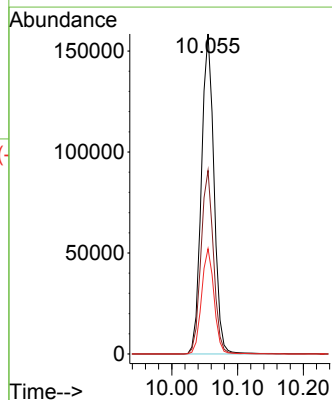
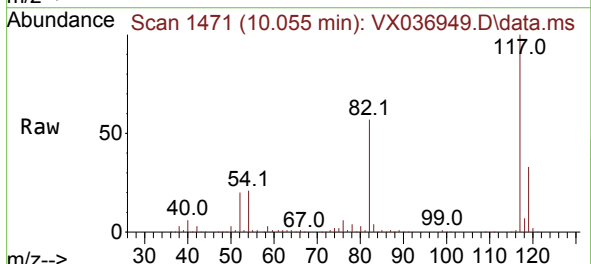
Instrument :
MSVOA_X
ClientSampleId :

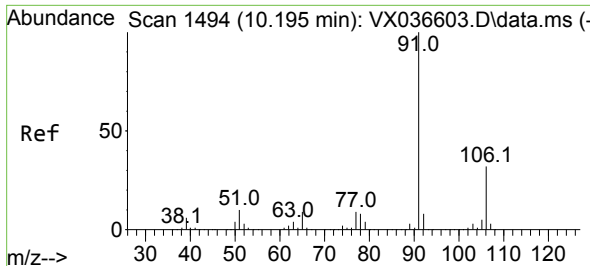
Tgt Ion: 95 Resp: 105477
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Tgt Ion: 117 Resp: 211431
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.9 25.5 38.3

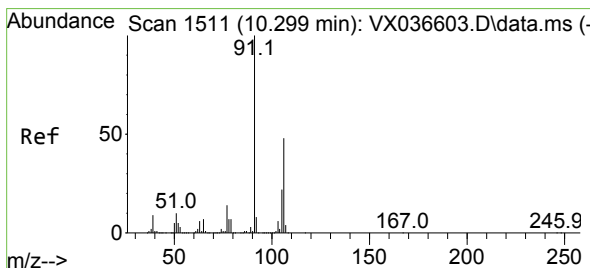
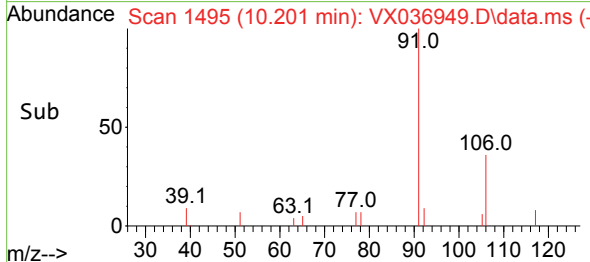
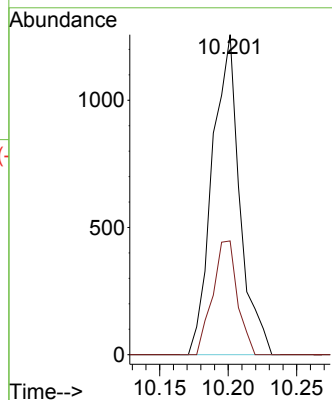
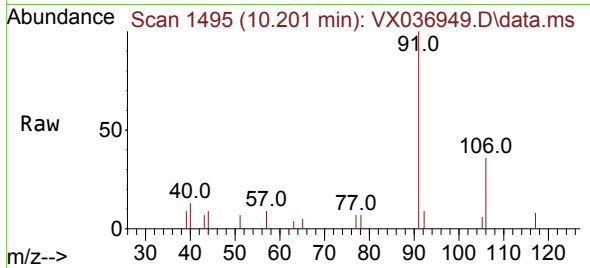




#67
Ethyl Benzene
Concen: 0.205 ug/l
RT: 10.201 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

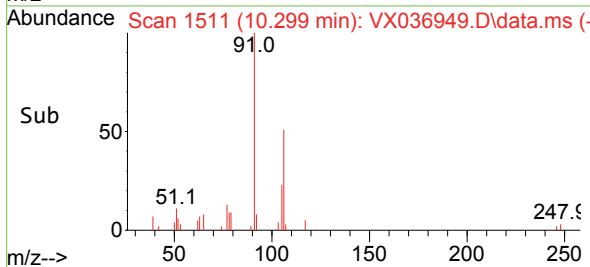
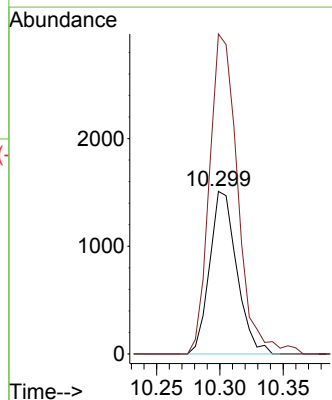
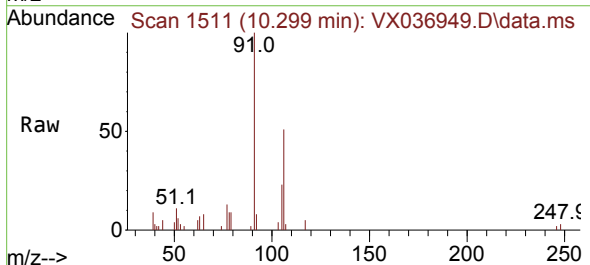
Instrument :
MSVOA_X
ClientSampleId :

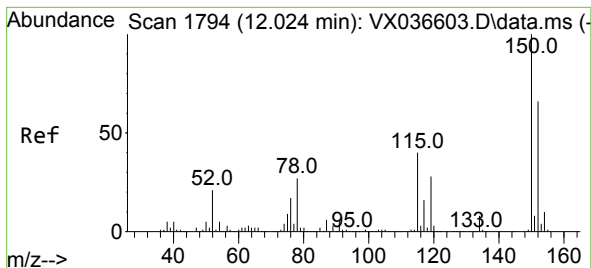
Tgt Ion: 91 Resp: 1748
Ion Ratio Lower Upper
91 100
106 35.5 24.9 37.3



#68
m/p-Xylenes
Concen: 0.708 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036949.D
Acq: 11 Aug 2023 18:27

Tgt Ion: 106 Resp: 2249
Ion Ratio Lower Upper
106 100
91 205.9 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

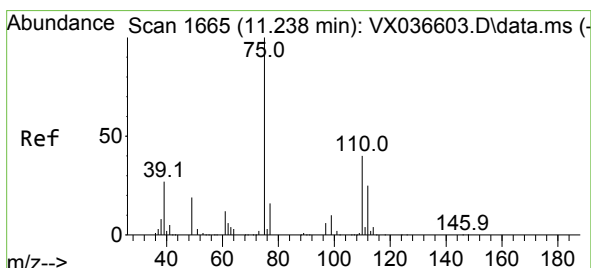
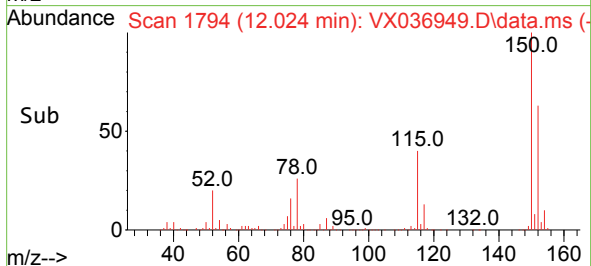
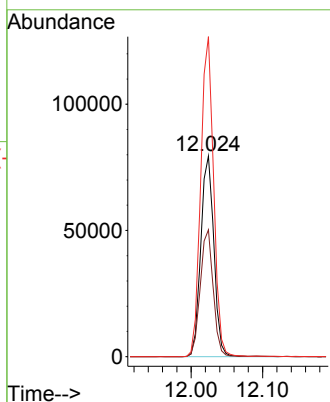
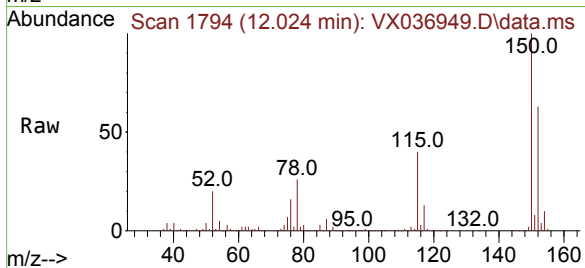
Tgt Ion:152 Resp: 101042

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 157.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.442 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036949.D

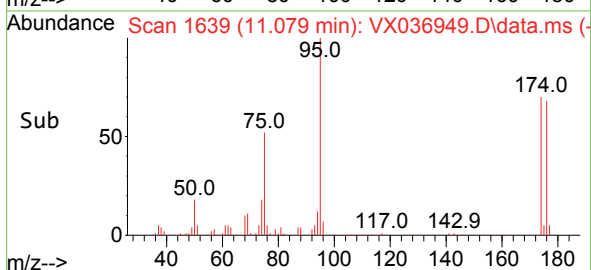
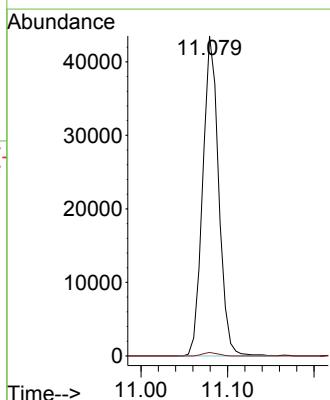
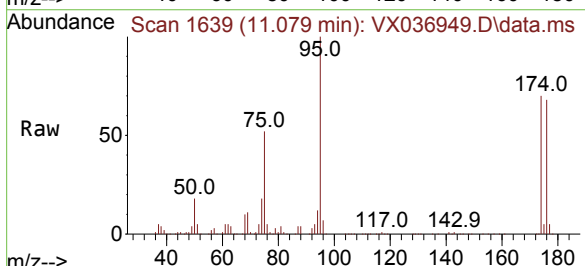
Acq: 11 Aug 2023 18:27

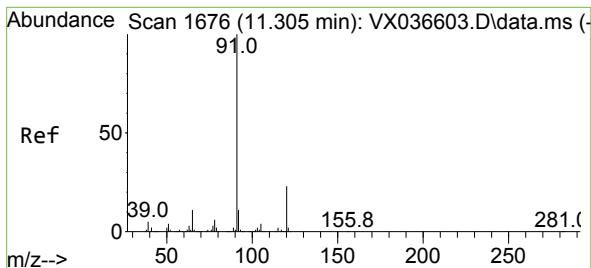
Tgt Ion: 75 Resp: 55713

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#78

n-propylbenzene

Concen: 0.233 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

Instrument :

MSVOA_X

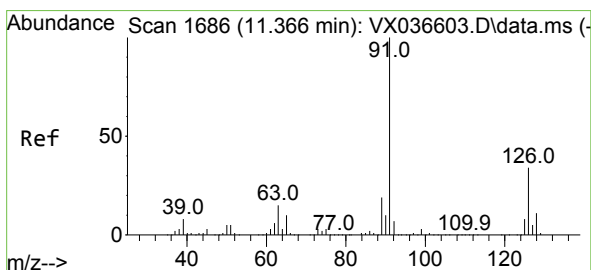
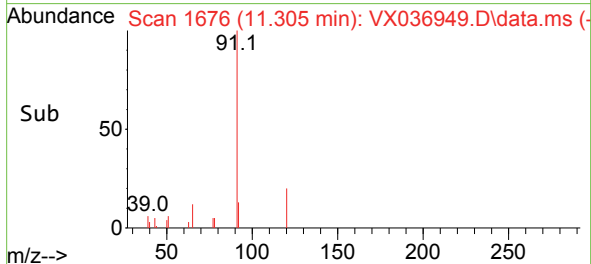
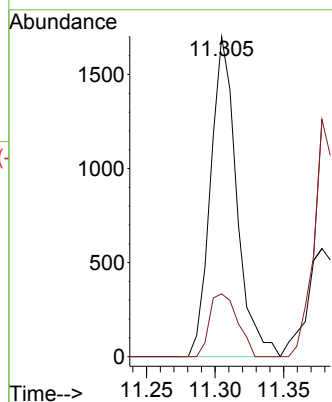
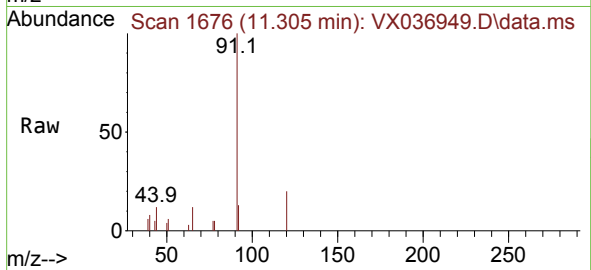
ClientSampleId :

Tgt Ion: 91 Resp: 2257

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.222 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.012 min

Lab File: VX036949.D

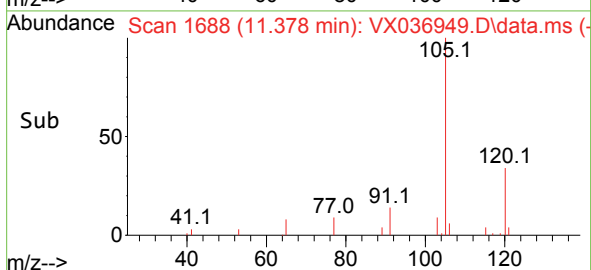
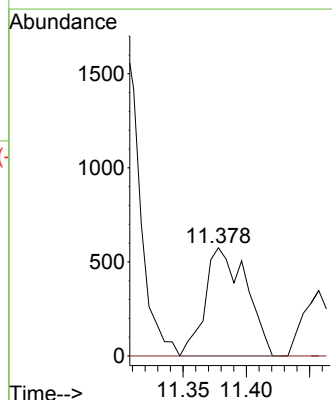
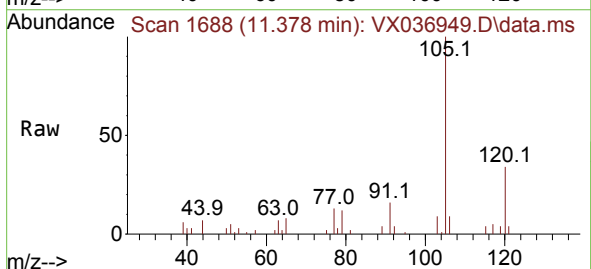
Acq: 11 Aug 2023 18:27

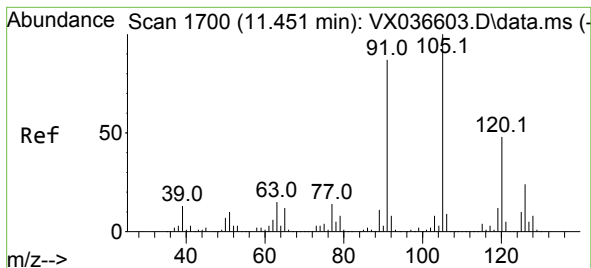
Tgt Ion: 91 Resp: 1302

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.429 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

Instrument :

MSVOA_X

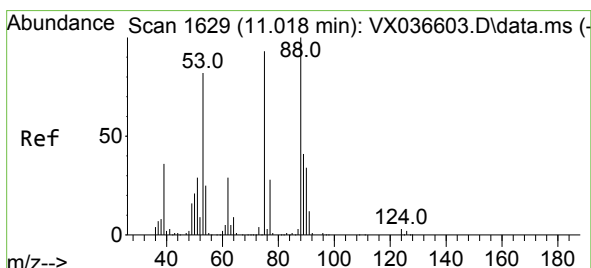
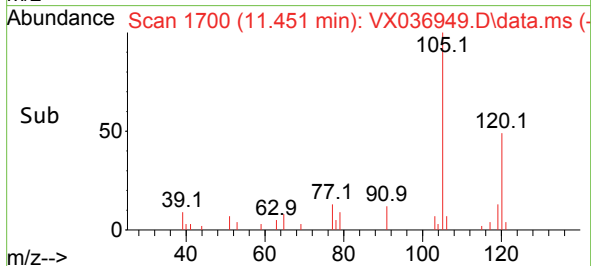
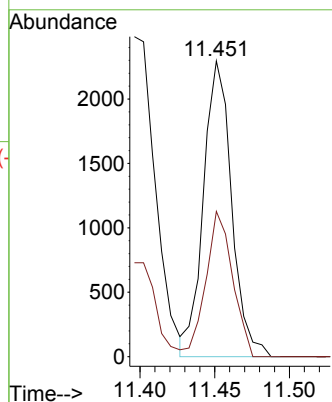
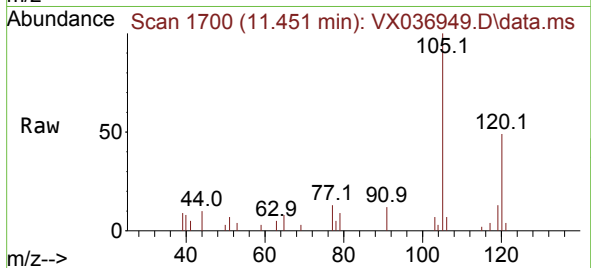
ClientSampleId :

Tgt Ion:105 Resp: 3002

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 53.133 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

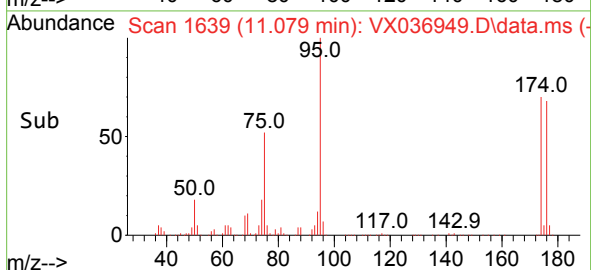
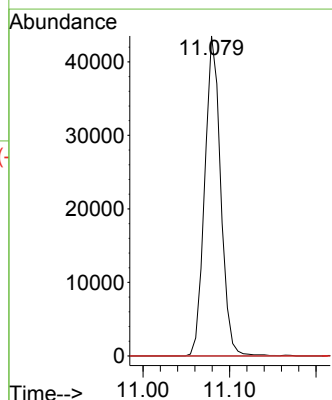
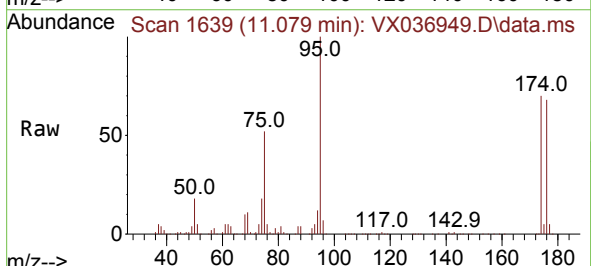
Tgt Ion: 75 Resp: 55713

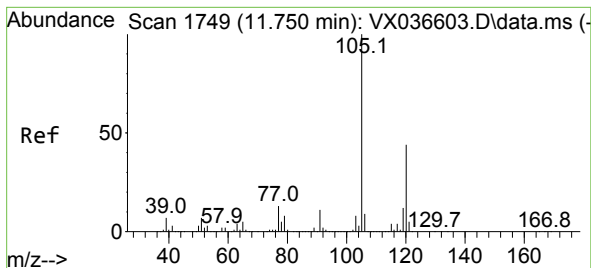
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 1.473 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

Instrument :

MSVOA_X

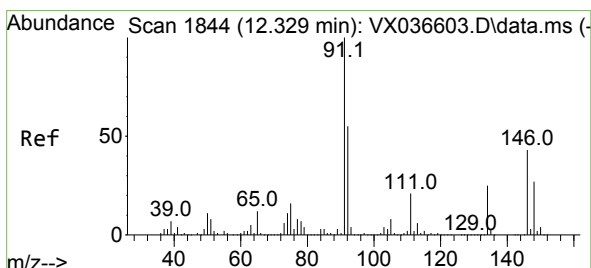
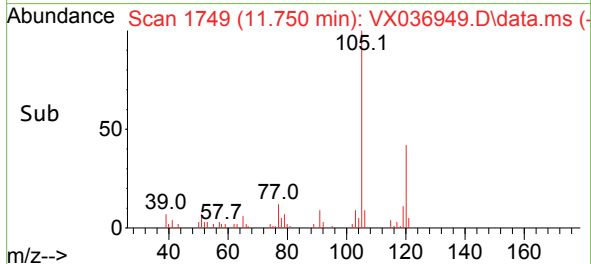
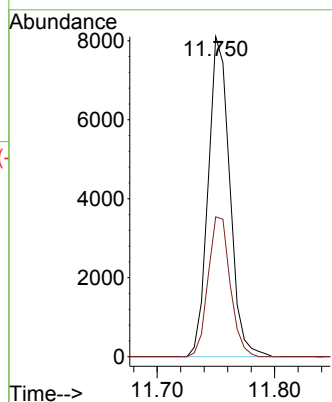
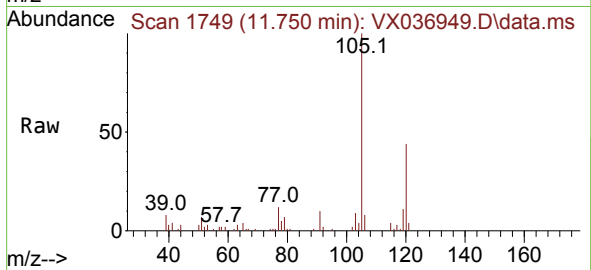
ClientSampleId :

Tgt Ion:105 Resp: 10304

Ion Ratio Lower Upper

105 100

120 44.8 21.2 63.6



#89

n-Butylbenzene

Concen: 0.233 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

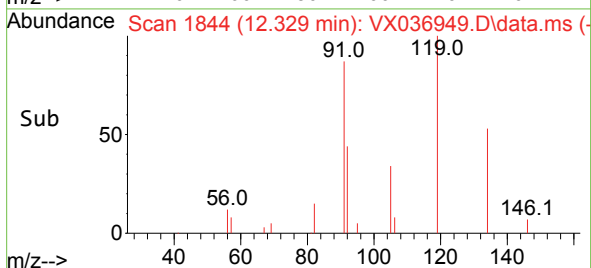
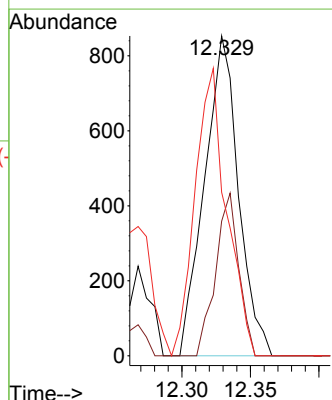
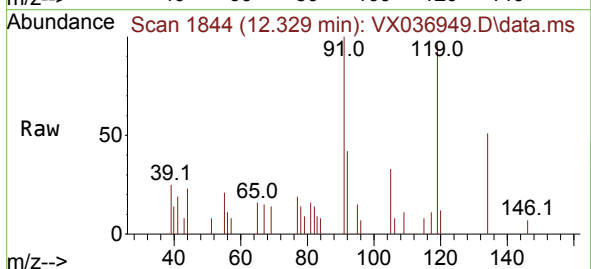
Tgt Ion: 91 Resp: 1470

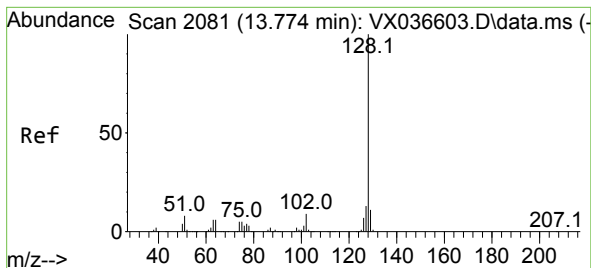
Ion Ratio Lower Upper

91 100

92 34.6 27.4 82.0

134 83.1 12.6 37.8#





#95

Naphthalene

Concen: 0.711 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

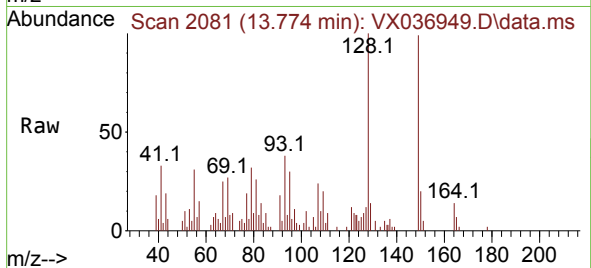
Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

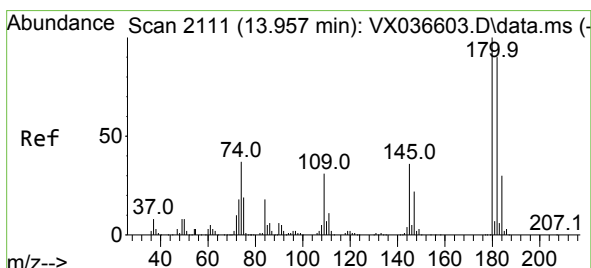
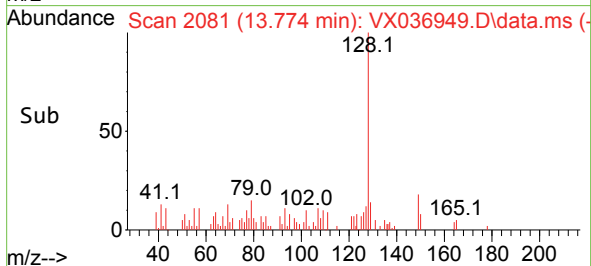
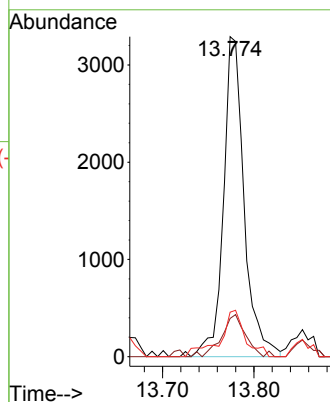
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128	Resp:	5193
Ion Ratio	Lower	Upper
128	100	
127	15.4	10.3 15.5
129	17.5	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.221 ug/l

RT: 13.975 min Scan# 2114

Delta R.T. 0.018 min

Lab File: VX036949.D

Acq: 11 Aug 2023 18:27

Tgt Ion:180	Resp:	456
Ion Ratio	Lower	Upper
180	100	
182	43.4	46.9 140.6#
145	271.7	17.8 53.5#

