

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036929.D
 Acq On : 11 Aug 2023 10:00
 Operator : JC/MD
 Sample : VX0811MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 22:53:57 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

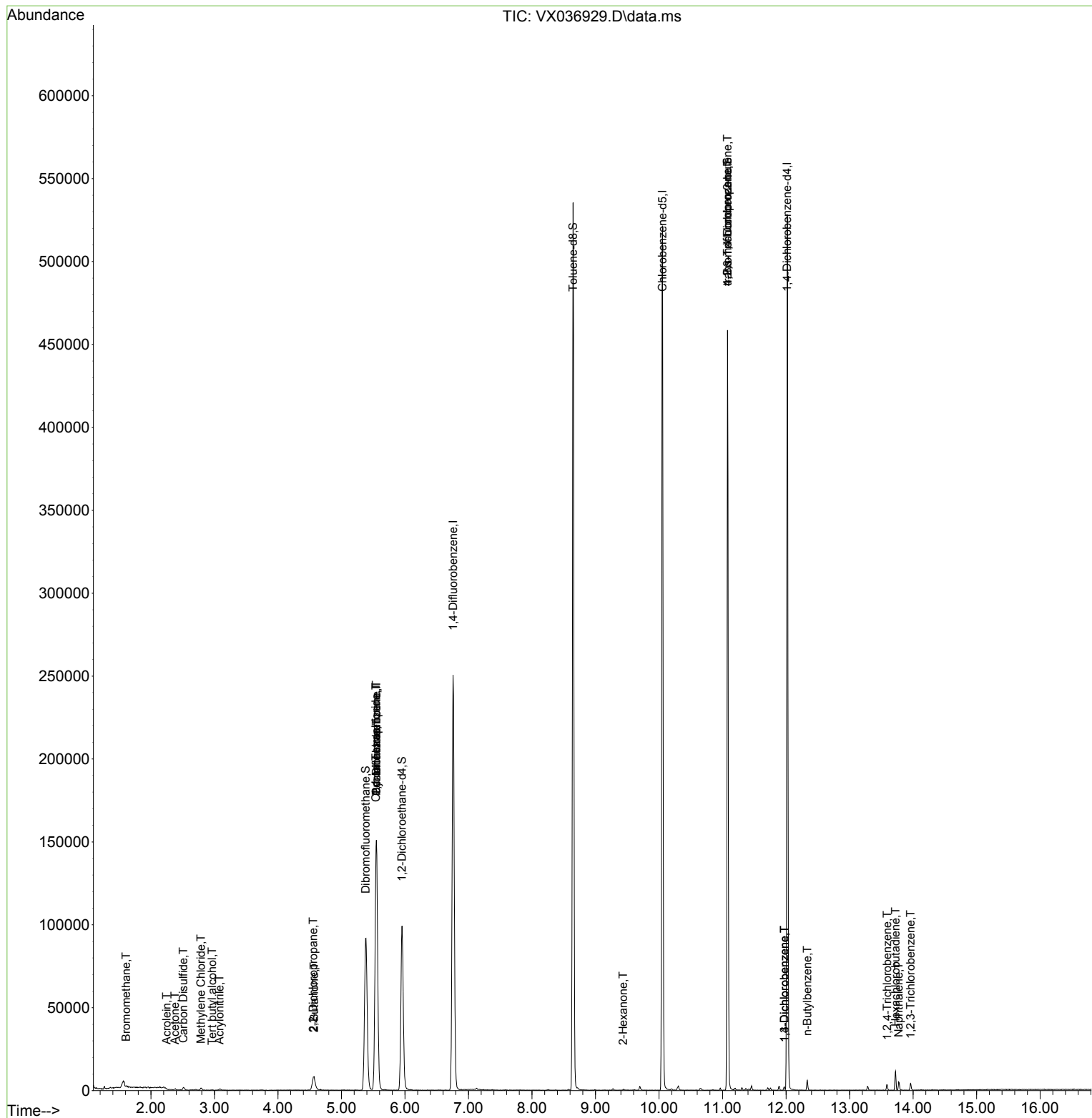
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	140733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97198	46.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.379	113	82410	47.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.647	98	308694	49.794	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.079	95	120050	51.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	283	0.275	ug/l	90
11) Tert butyl alcohol	2.965	59	241	0.489	ug/l #	78
13) Acrolein	2.245	56	290	1.031	ug/l #	1
15) Acrylonitrile	3.081	53	289	0.292	ug/l #	77
16) Acetone	2.380	43	797	0.922	ug/l	98
17) Carbon Disulfide	2.508	76	2046	0.470	ug/l #	95
20) Methylene Chloride	2.788	84	655	0.341	ug/l	91
25) 2-Butanone	4.568	43	789	0.563	ug/l #	51
26) 2,2-Dichloropropane	4.556	77	722	0.232	ug/l #	54
31) Cyclohexane	5.550	56	3081	1.069	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11656	4.473	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14928	5.389	ug/l #	15
59) 2-Hexanone	9.433	43	541	0.259	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	62798	24.976	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62798	56.610	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	933	0.250	ug/l	88
88) 1,4-Dichlorobenzene	11.975	146	933	0.252	ug/l	89
89) n-Butylbenzene	12.335	91	2301	0.345	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1173	0.529	ug/l	88
94) Hexachlorobutadiene	13.725	225	1643	1.790	ug/l	98
95) Naphthalene	13.774	128	3971	0.514	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1235	0.565	ug/l	95

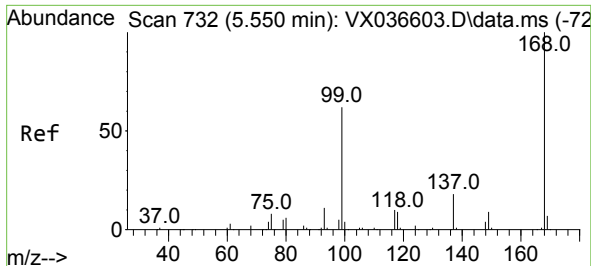
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
Data File : VX036929.D
Acq On : 11 Aug 2023 10:00
Operator : JC/MD
Sample : VX0811MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 11 22:53:57 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

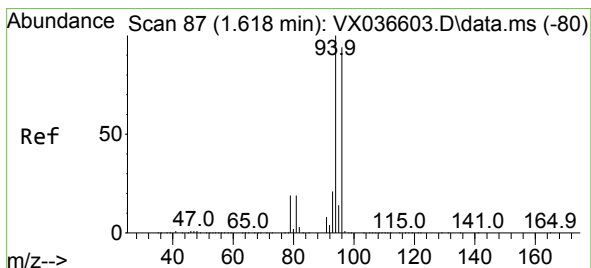
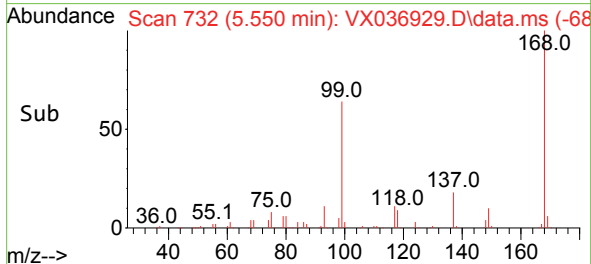
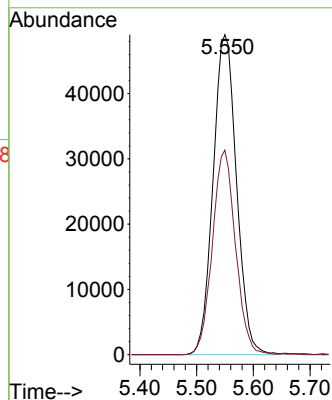
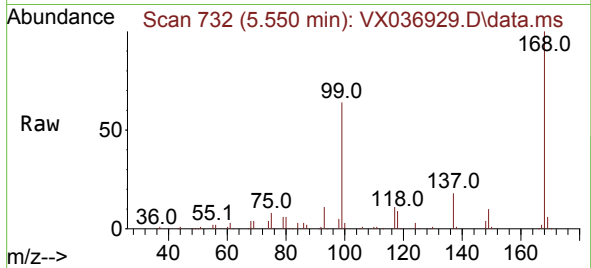




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

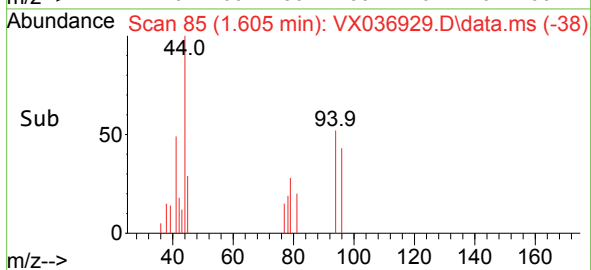
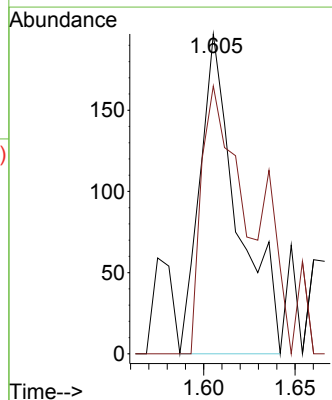
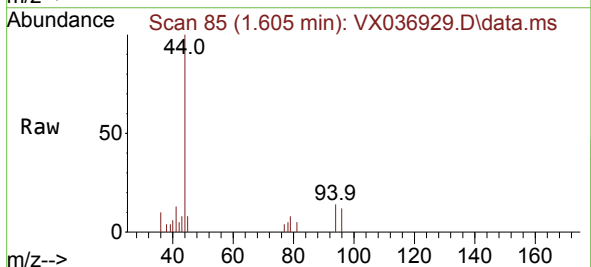
Instrument :
MSVOA_X
ClientSampleId :

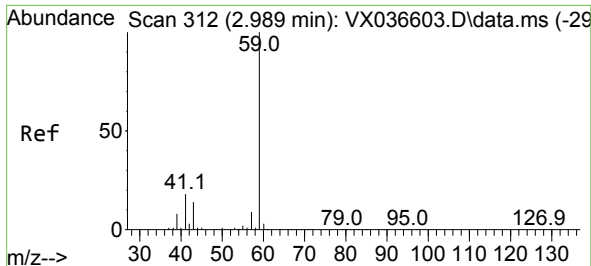
Tgt Ion:168 Resp: 140733
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 83.8 74.6 111.8

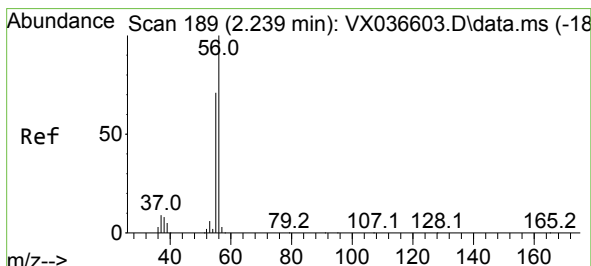
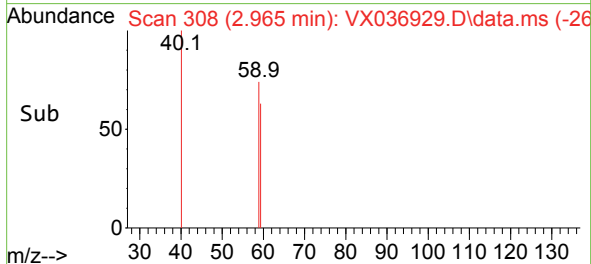
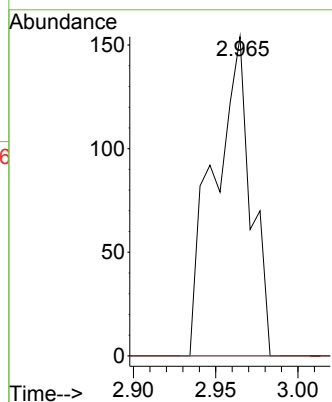
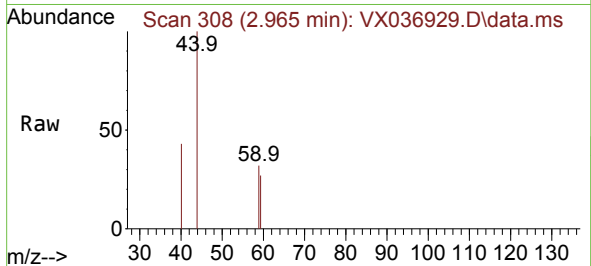




#11
Tert butyl alcohol
Concen: 0.489 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

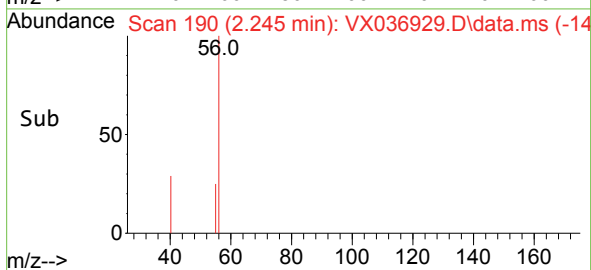
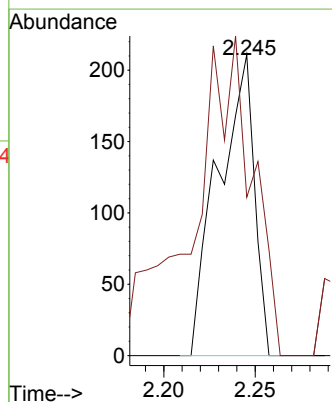
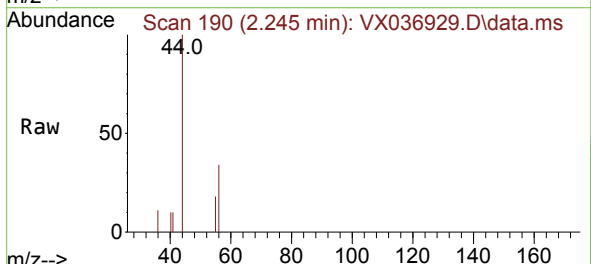
Instrument :
MSVOA_X
ClientSampleId :

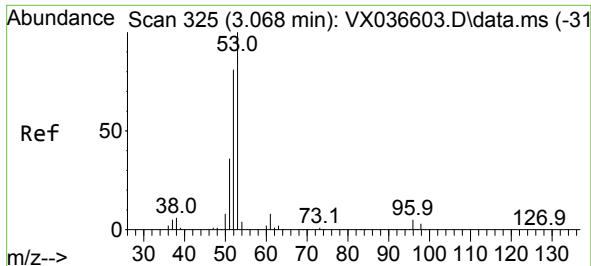
Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 1.031 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

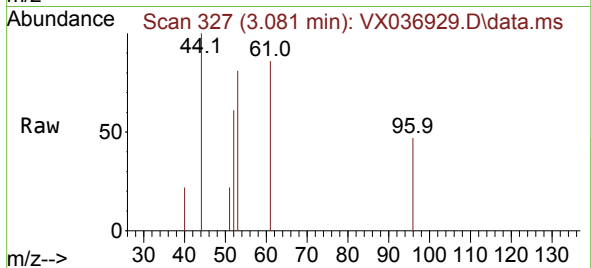
Tgt Ion: 56 Resp: 290
Ion Ratio Lower Upper
56 100
55 177.2 57.1 85.7#



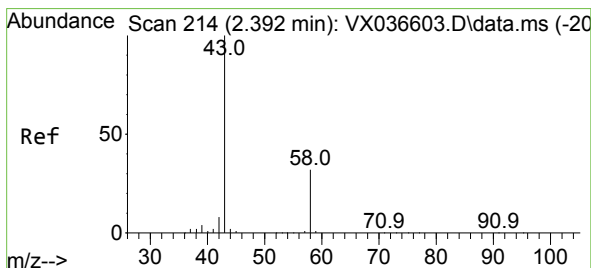
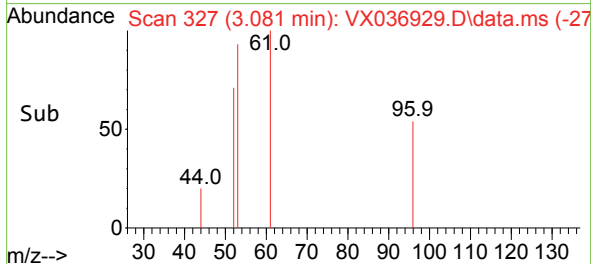
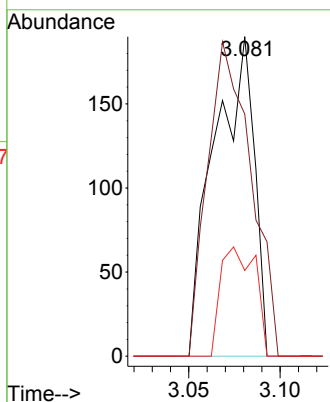


#15
Acrylonitrile
Concen: 0.292 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :

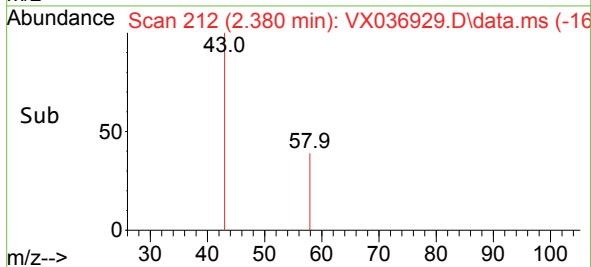
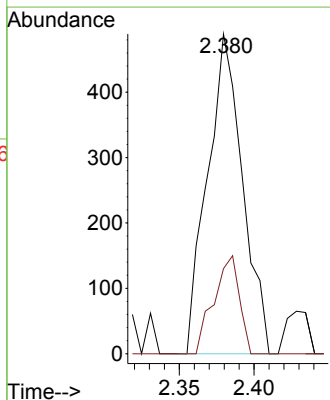
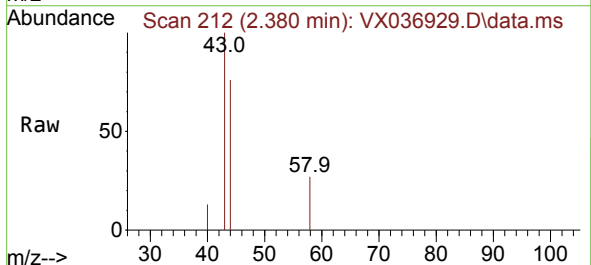


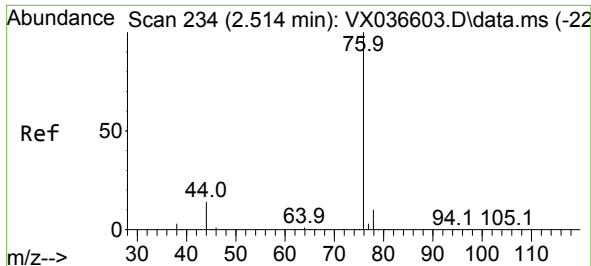
Tgt Ion: 53 Resp: 289
Ion Ratio Lower Upper
53 100
52 106.9 66.0 99.0#
51 29.4 29.8 44.6#



#16
Acetone
Concen: 0.922 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9

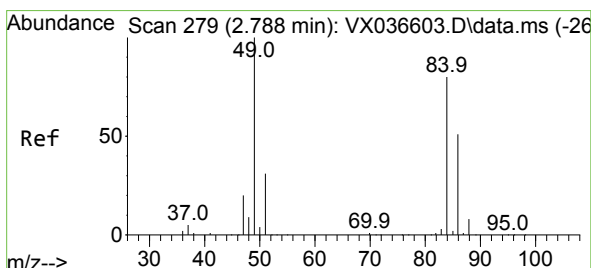
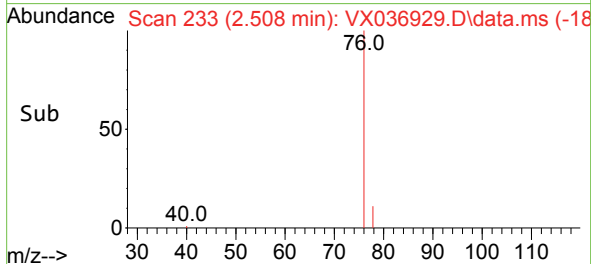
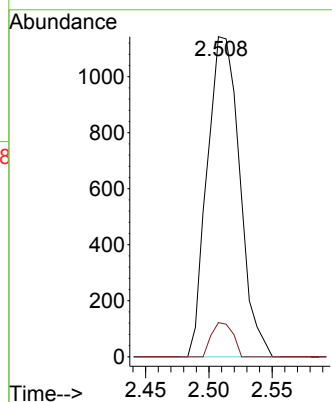
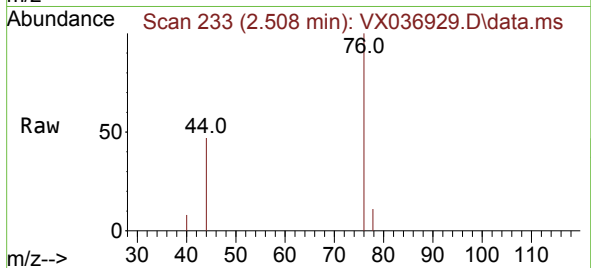




#17
Carbon Disulfide
Concen: 0.470 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

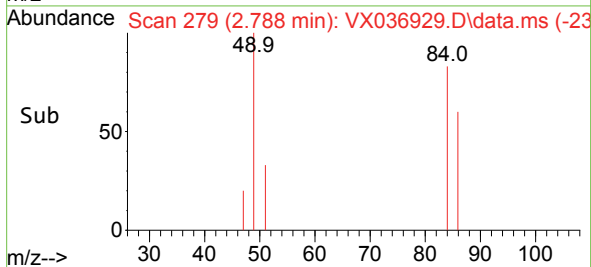
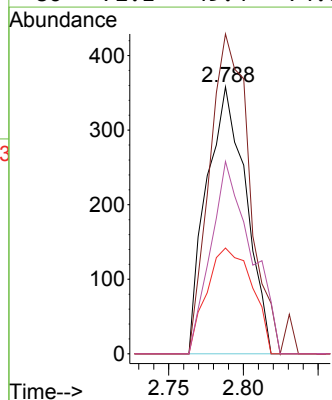
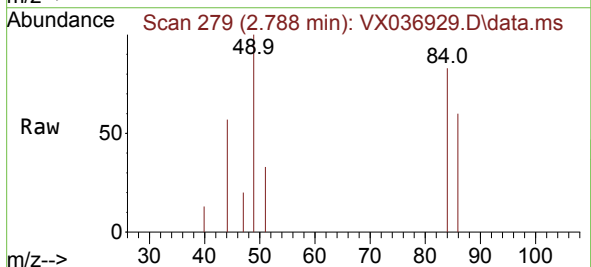
Instrument :
MSVOA_X
ClientSampleId :

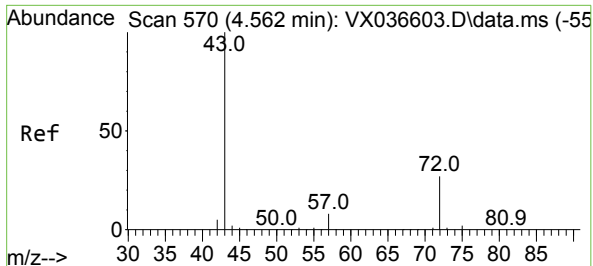
Tgt Ion: 76 Resp: 2046
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Tgt Ion: 84 Resp: 655
Ion Ratio Lower Upper
84 100
49 119.8 103.6 155.4
51 39.7 33.8 50.6
86 72.1 49.4 74.0

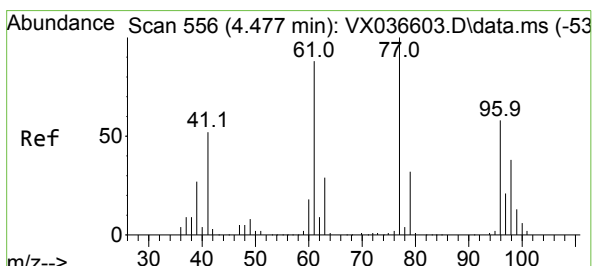
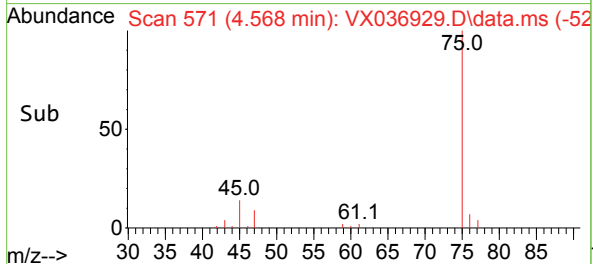
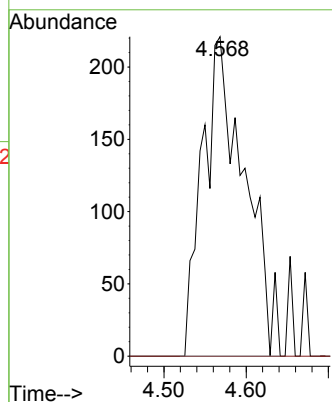
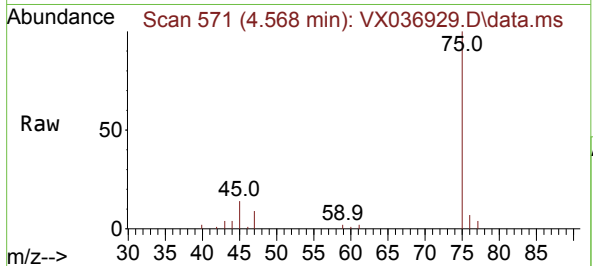




#25
2-Butanone
Concen: 0.563 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

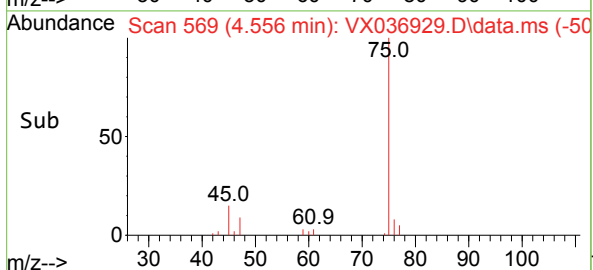
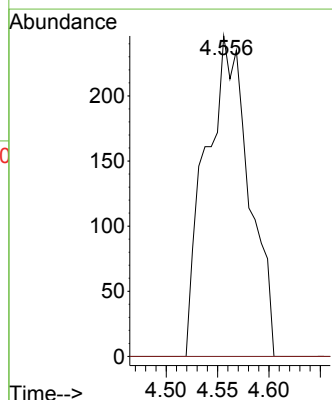
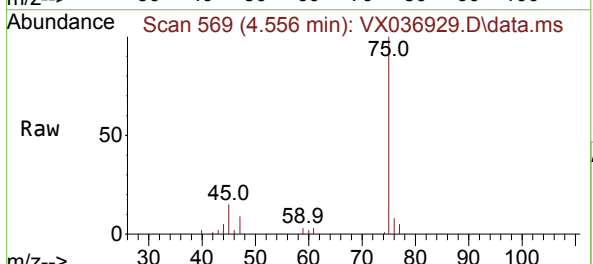
Instrument :
MSVOA_X
ClientSampleId :

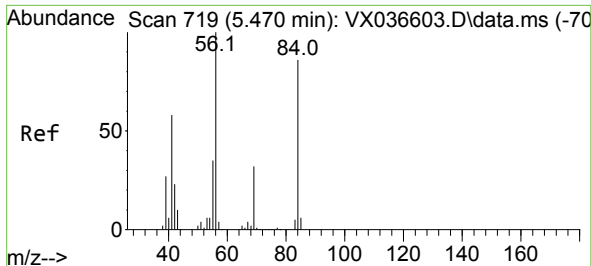
Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.232 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.079 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

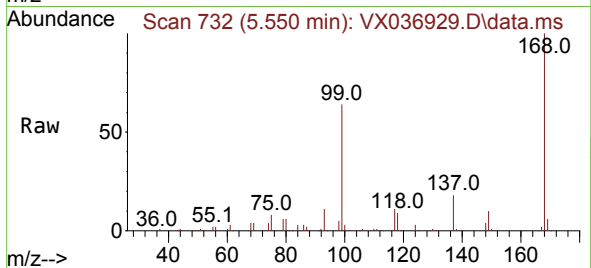
Tgt Ion: 77 Resp: 722
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



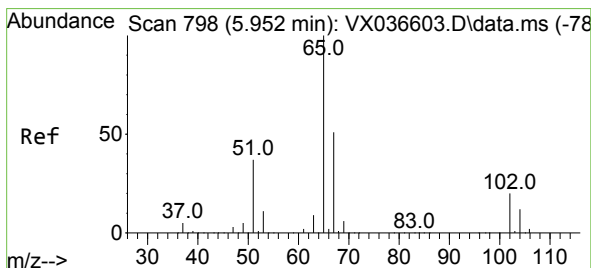
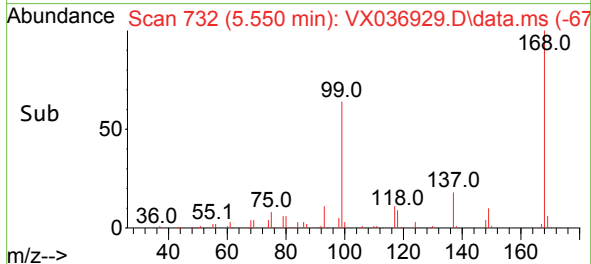
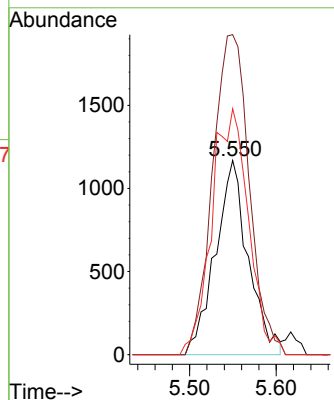


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :

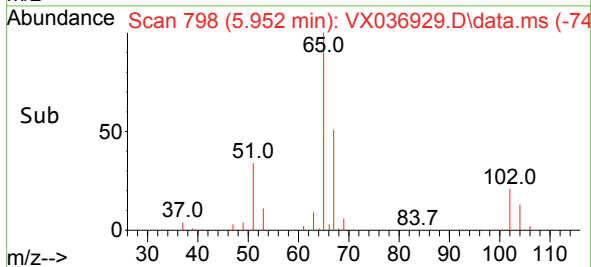
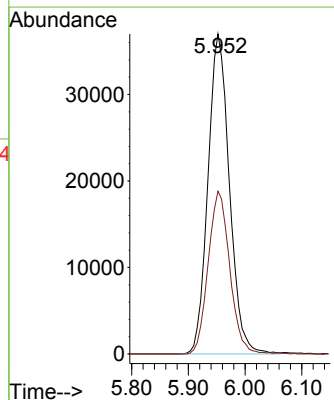
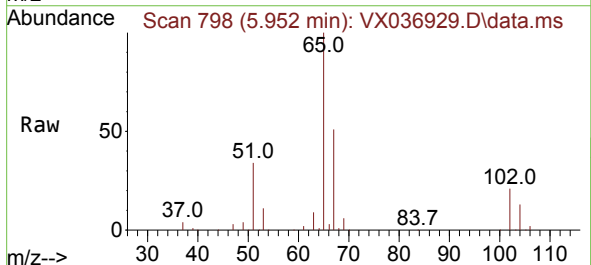


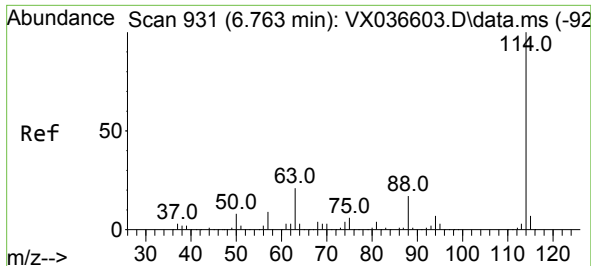
Tgt Ion: 56 Resp: 3081
Ion Ratio Lower Upper
56 100
69 164.8 23.4 35.2#
84 126.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.677 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Tgt Ion: 65 Resp: 97198
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

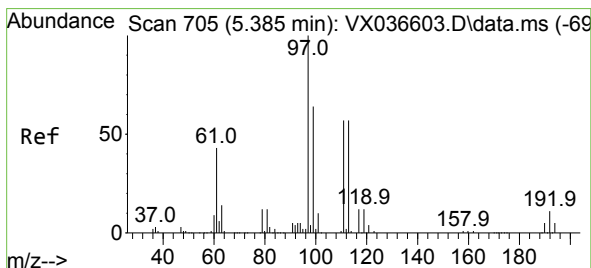
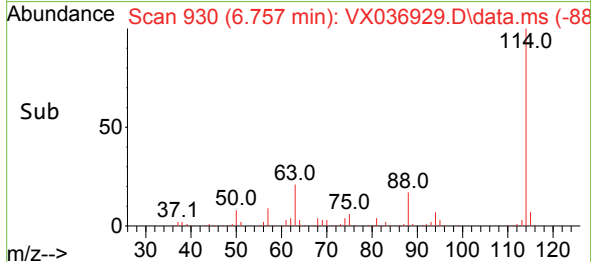
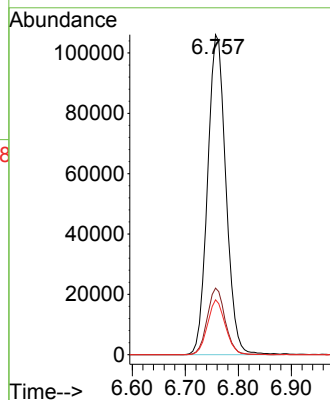
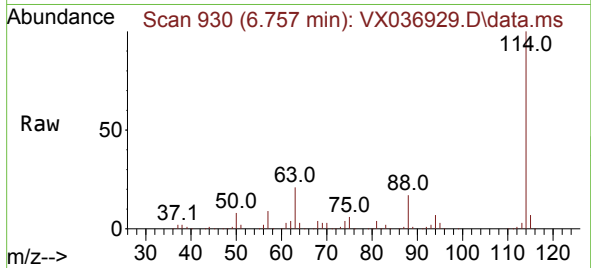




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

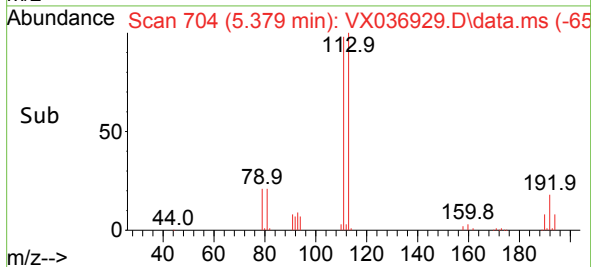
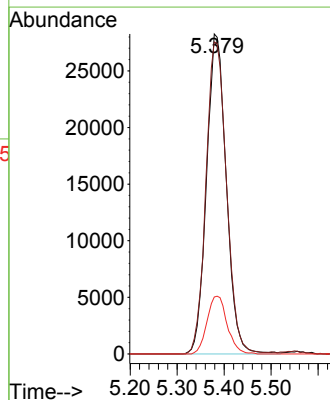
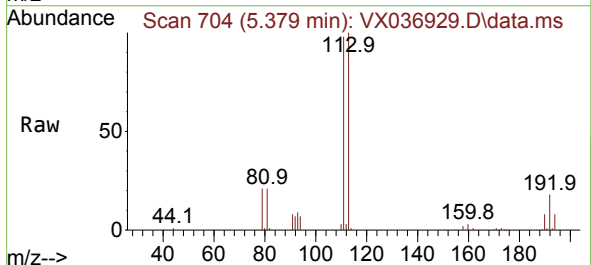
Instrument :
MSVOA_X
ClientSampleId :

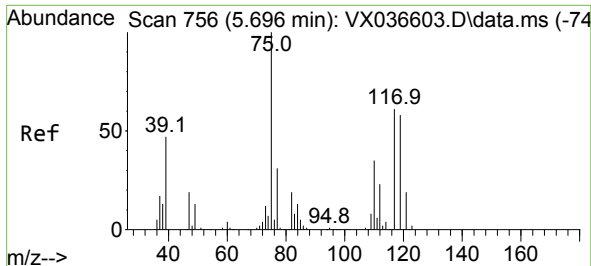
Tgt Ion:114 Resp: 254340
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.140 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Tgt Ion:113 Resp: 82410
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.473 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

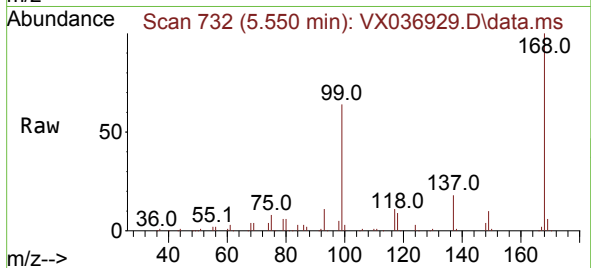
Lab File: VX036929.D

Acq: 11 Aug 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :



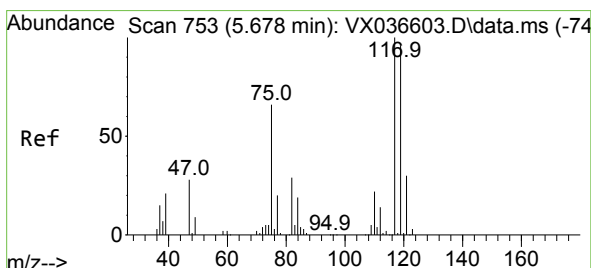
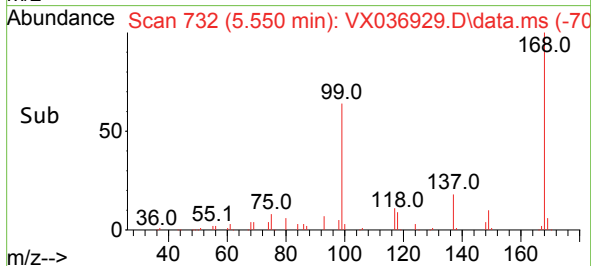
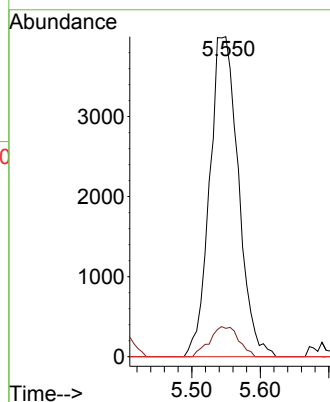
Tgt Ion: 75 Resp: 11656

Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.389 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX036929.D

Acq: 11 Aug 2023 10:00

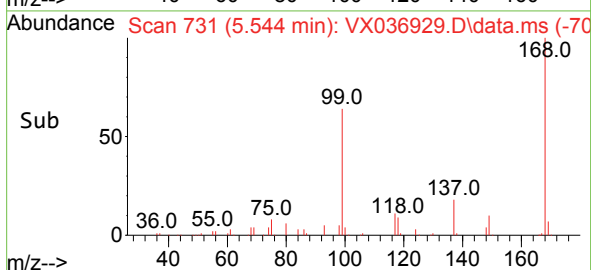
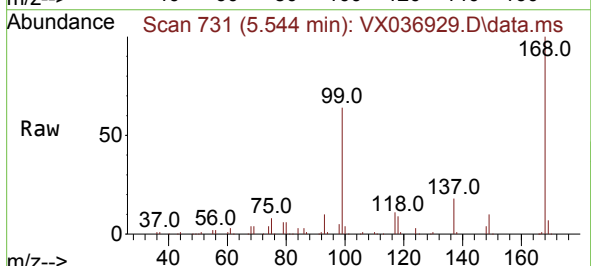
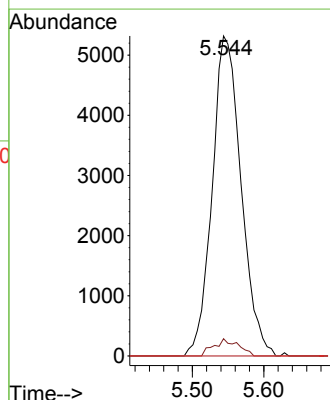
Tgt Ion: 117 Resp: 14928

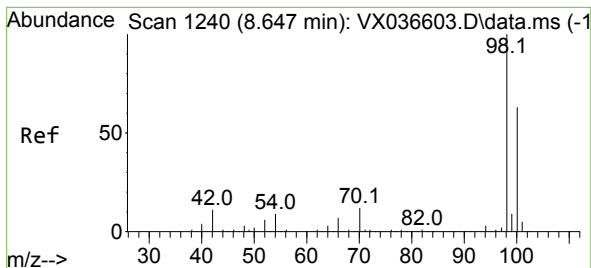
Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.794 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036929.D

Acq: 11 Aug 2023 10:00

Instrument :

MSVOA_X

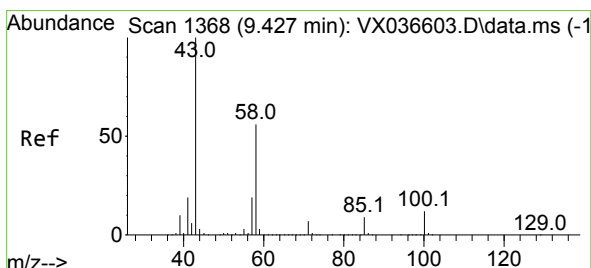
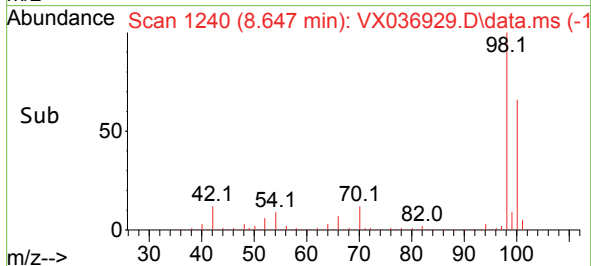
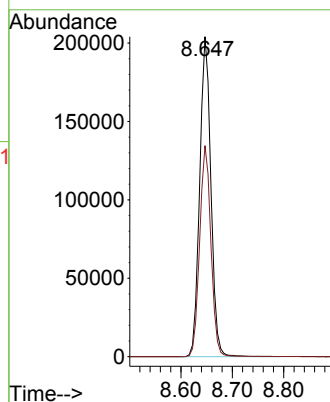
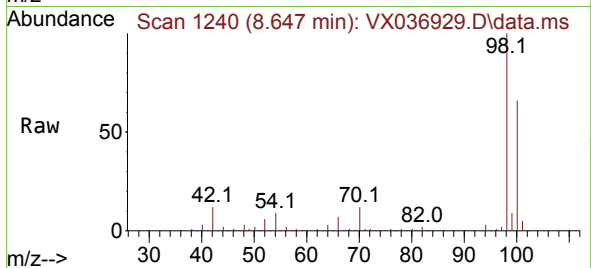
ClientSampleId :

Tgt Ion: 98 Resp: 308694

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#59

2-Hexanone

Concen: 0.259 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036929.D

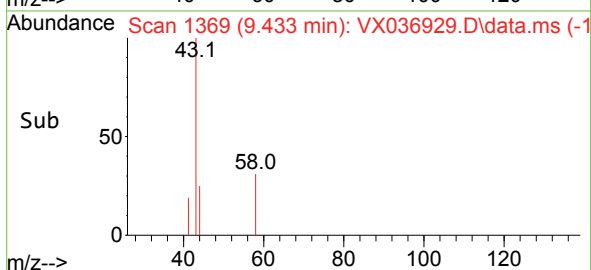
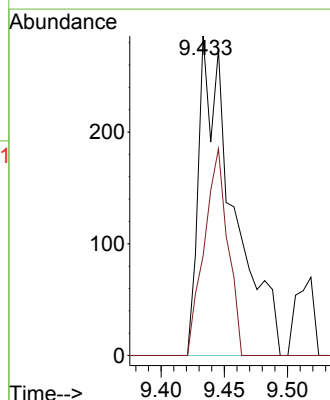
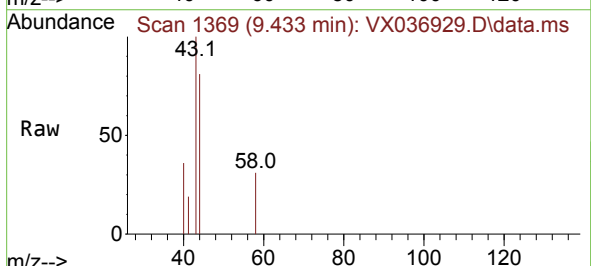
Acq: 11 Aug 2023 10:00

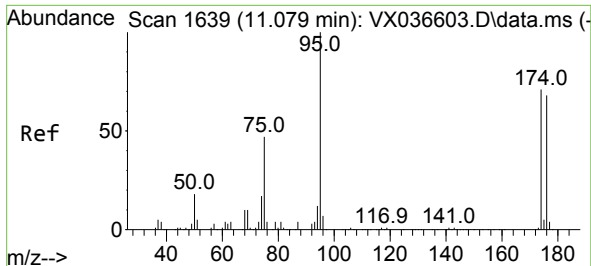
Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

58 44.2 26.2 78.5

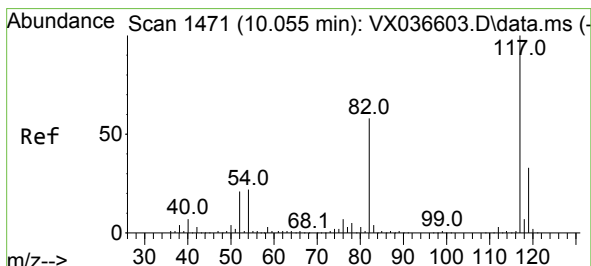
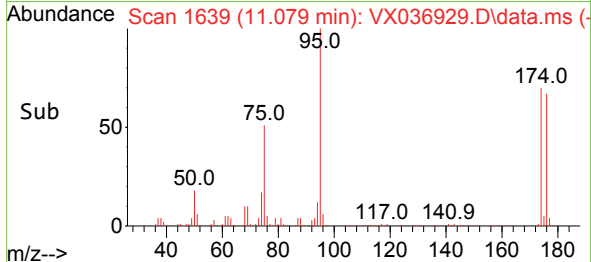
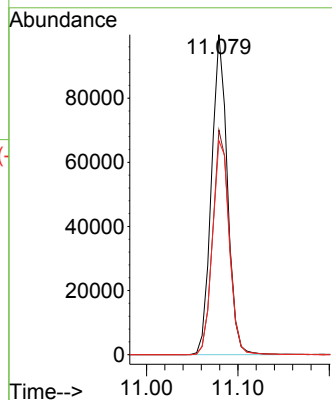
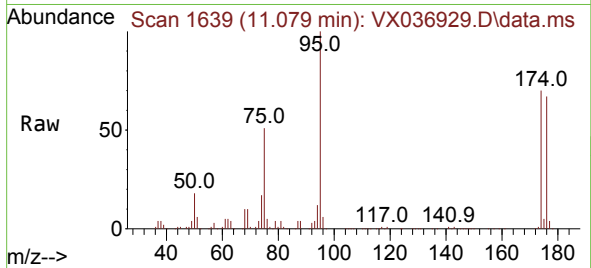




#62
4-Bromofluorobenzene
Concen: 51.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

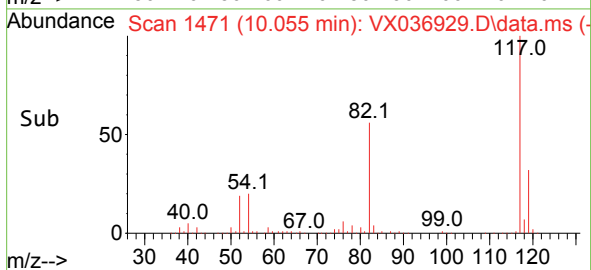
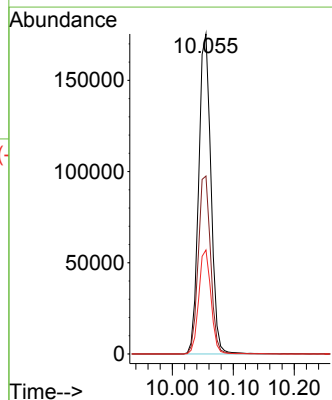
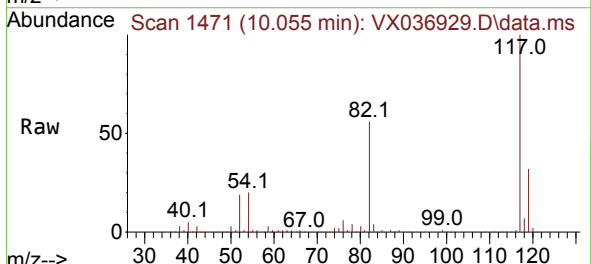
Instrument :
MSVOA_X
ClientSampleId :

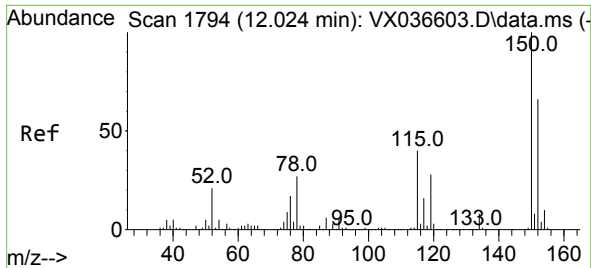
Tgt Ion: 95 Resp: 120050
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

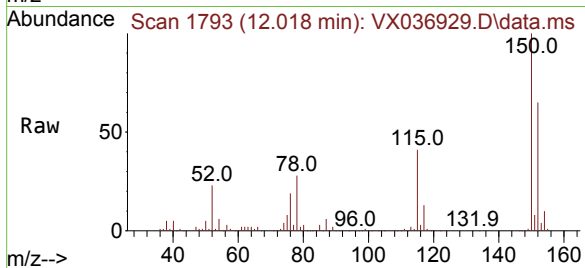
Tgt Ion: 117 Resp: 244266
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.5 25.5 38.3



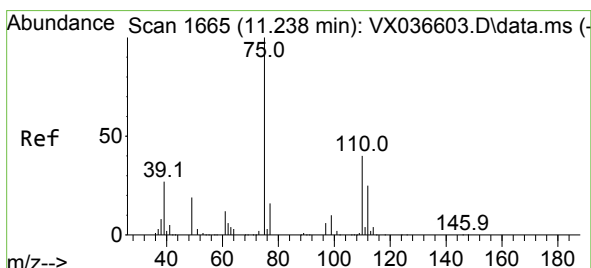
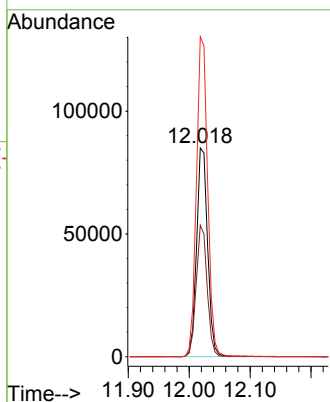
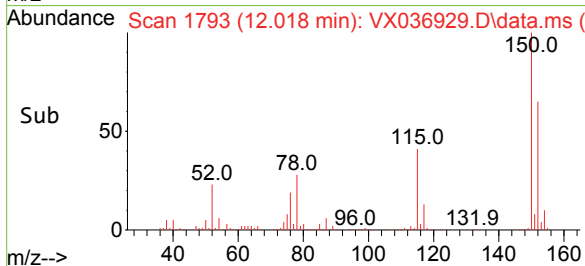


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX036929.D
 Acq: 11 Aug 2023 10:00

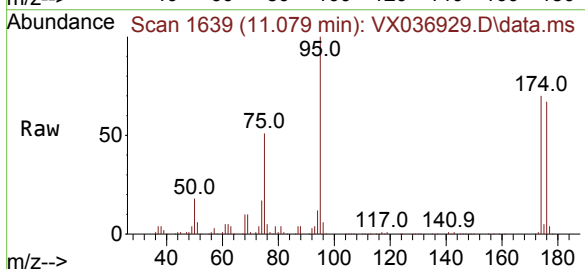
Instrument :
 MSVOA_X
 ClientSampleId :



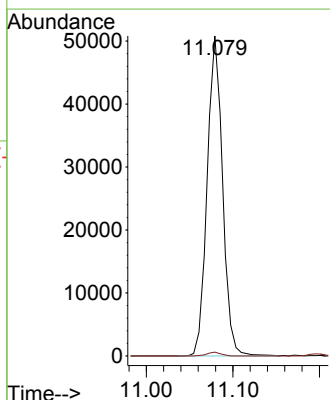
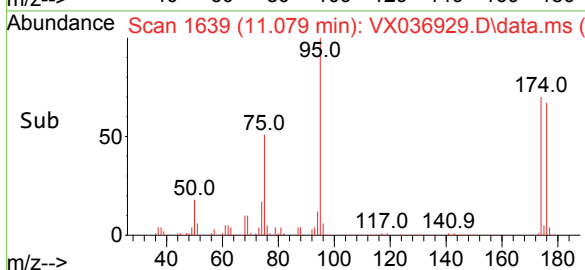
Tgt Ion:152 Resp: 106897
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.3 129.9
 150 156.3 0.0 345.0

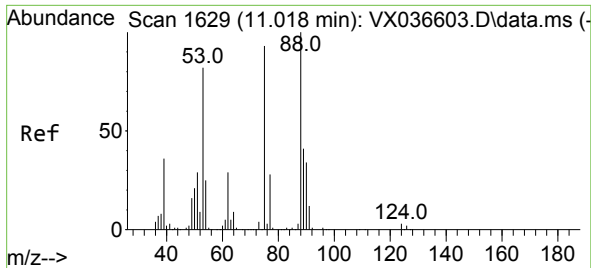


#76
 1,2,3-Trichloropropane
 Concen: 24.976 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036929.D
 Acq: 11 Aug 2023 10:00



Tgt Ion: 75 Resp: 62798
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

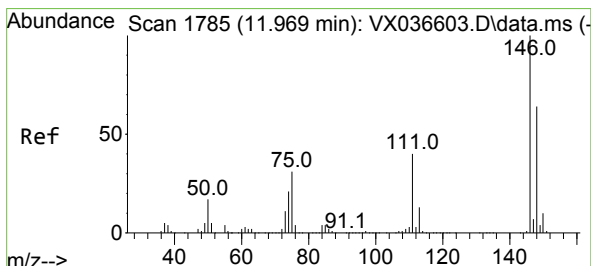
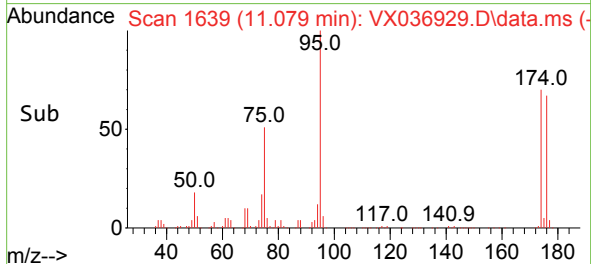
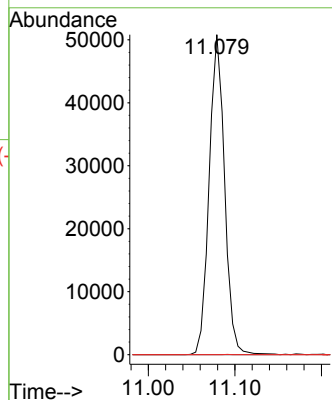
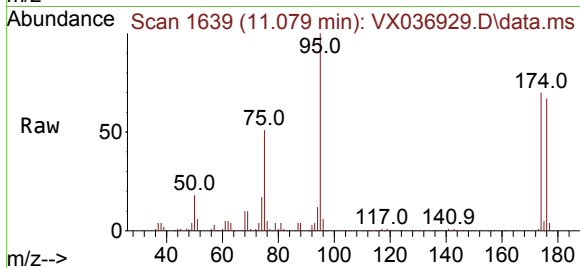




#81
trans-1,4-Dichloro-2-butene
Concen: 56.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

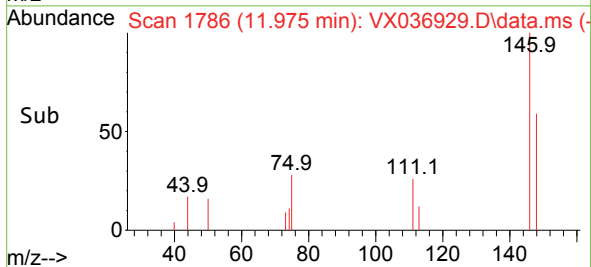
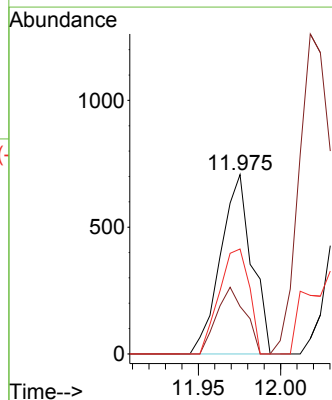
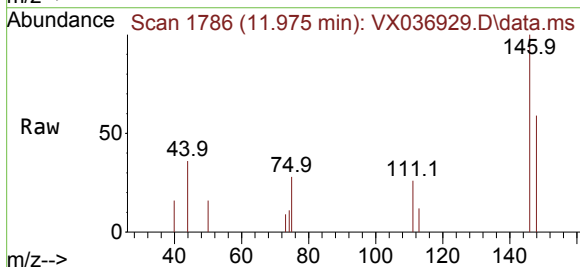
Instrument :
MSVOA_X
ClientSampleId :

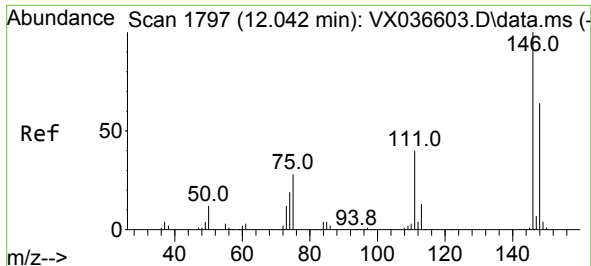
Tgt Ion: 75 Resp: 62798
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.250 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

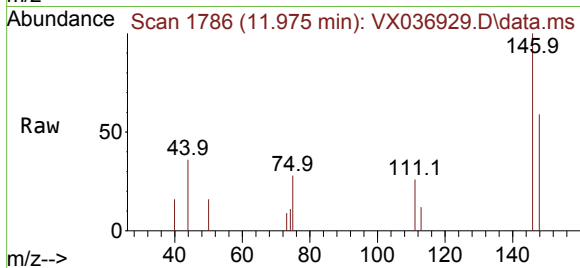
Tgt Ion:146 Resp: 933
Ion Ratio Lower Upper
146 100
111 33.9 22.1 66.1
148 56.3 31.8 95.3



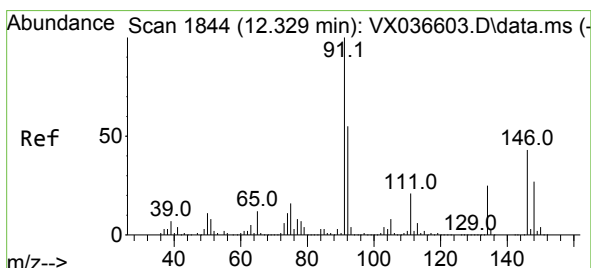
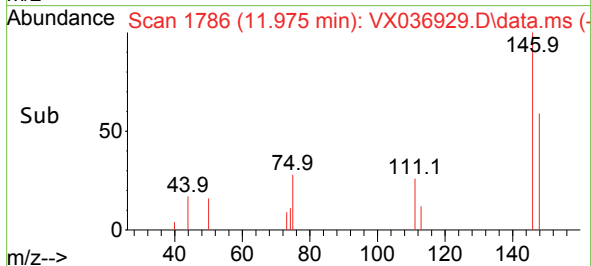
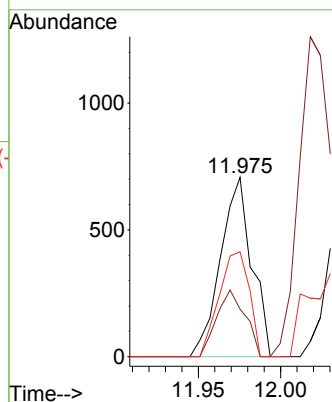


#88
1,4-Dichlorobenzene
Concen: 0.252 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Instrument :
MSVOA_X
ClientSampleId :

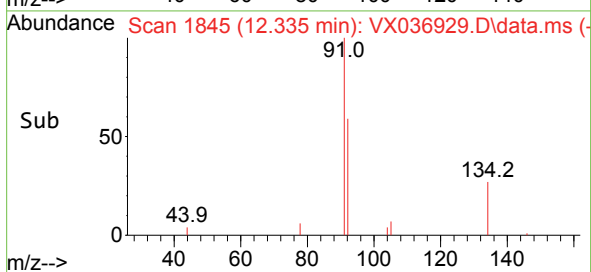
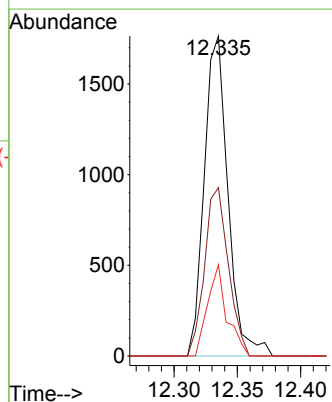
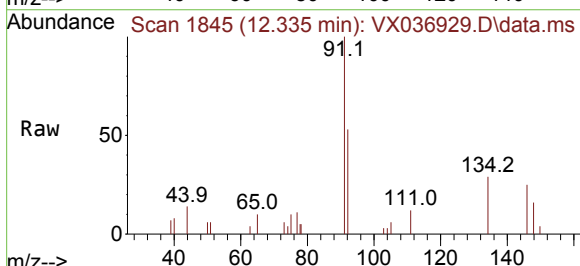


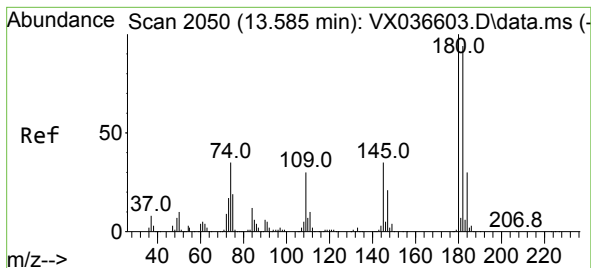
Tgt Ion:146 Resp: 933
Ion Ratio Lower Upper
146 100
111 33.9 21.3 63.7
148 56.3 31.8 95.4



#89
n-Butylbenzene
Concen: 0.345 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036929.D
Acq: 11 Aug 2023 10:00

Tgt Ion: 91 Resp: 2301
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.0
134 23.3 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.529 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX036929.D

Acq: 11 Aug 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

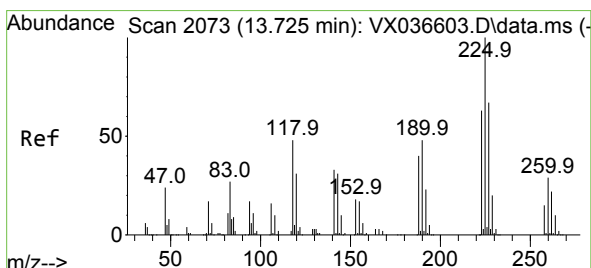
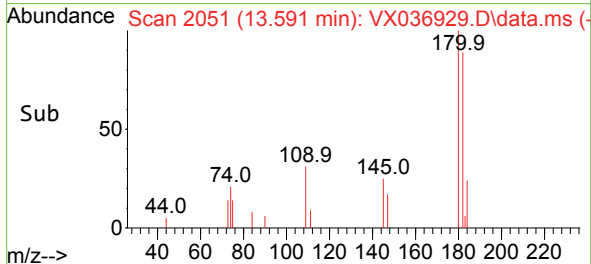
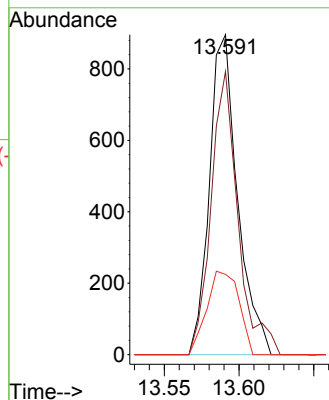
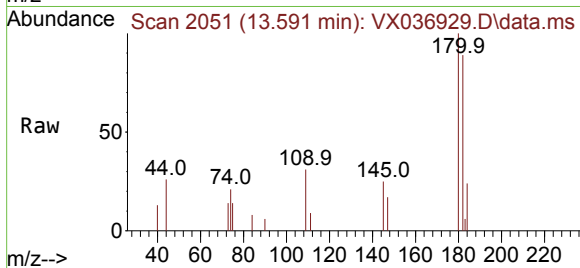
Tgt Ion:180 Resp: 1173

Ion Ratio Lower Upper

180 100

182 84.4 48.3 144.8

145 29.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.790 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX036929.D

Acq: 11 Aug 2023 10:00

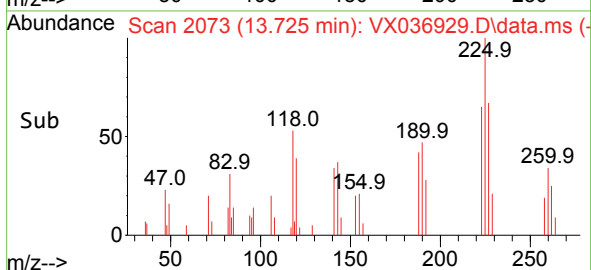
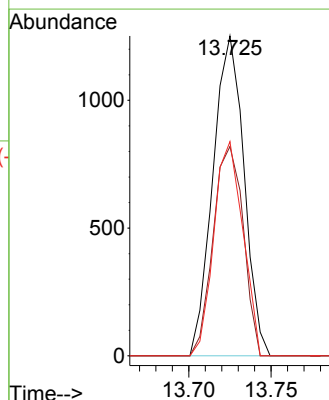
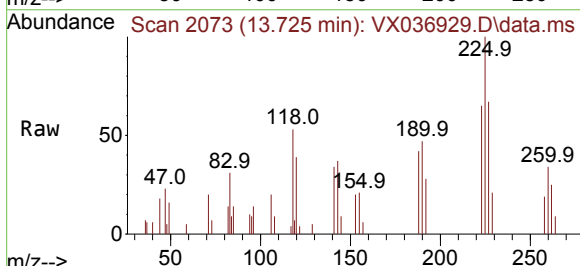
Tgt Ion:225 Resp: 1643

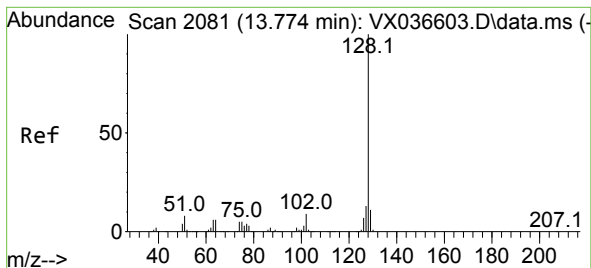
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 62.4 32.5 97.5





#95

Naphthalene

Concen: 0.514 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036929.D

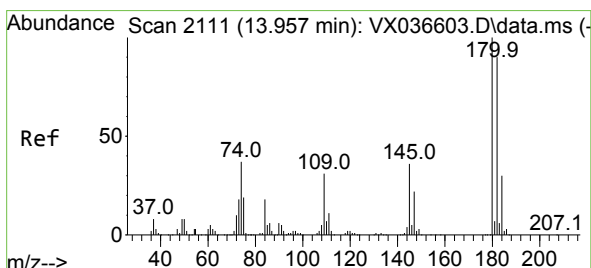
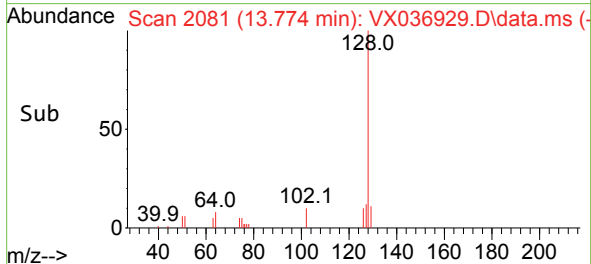
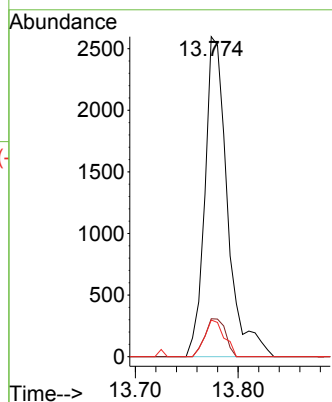
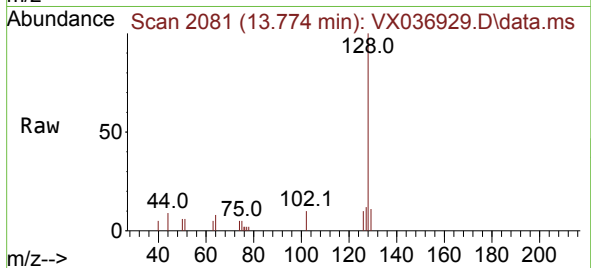
Acq: 11 Aug 2023 10:00

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	3971
Ion	Ratio	Lower Upper
128	100	
127	10.8	10.3 15.5
129	9.9	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.565 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036929.D

Acq: 11 Aug 2023 10:00

Tgt Ion:180	Resp:	1235
Ion	Ratio	Lower Upper
180	100	
182	99.7	46.9 140.6
145	34.4	17.8 53.5

