

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036621.D
 Acq On : 24 Jul 2023 10:54
 Operator : JC/MD
 Sample : VX0724MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01

Quant Time: Jul 25 06:33:13 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)

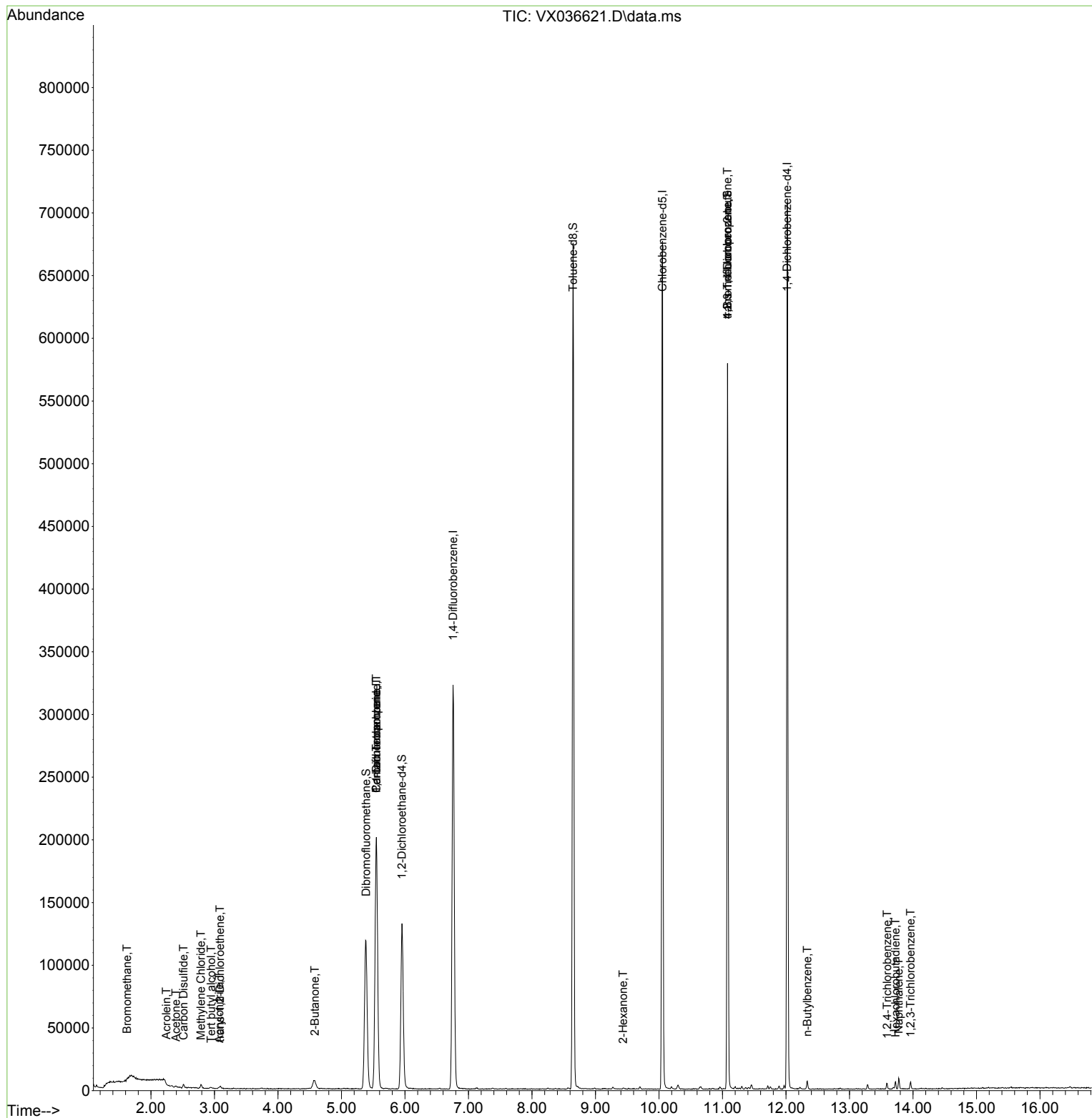
Internal Standards						
1) Pentafluorobenzene	5.550	168	187177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	329042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123138	44.461	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.920%		
35) Dibromofluoromethane	5.385	113	104738	46.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.620%		
50) Toluene-d8	8.647	98	397865	49.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.220%		
62) 4-Bromofluorobenzene	11.079	95	154973	51.215	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.420%		
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	368	0.269	ug/l #	33
11) Tert butyl alcohol	2.947	59	575	0.877	ug/l #	94
13) Acrolein	2.240	56	516	1.379	ug/l #	14
15) Acrylonitrile	3.075	53	773	0.586	ug/l #	82
16) Acetone	2.392	43	1009	0.878	ug/l	96
17) Carbon Disulfide	2.514	76	3135	0.542	ug/l #	93
20) Methylene Chloride	2.788	84	1317	0.515	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	484	0.207	ug/l #	66
25) 2-Butanone	4.581	43	890	0.477	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	15375	4.561	ug/l #	51
38) Carbon Tetrachloride	5.550	117	19931	5.561	ug/l #	15
59) 2-Hexanone	9.433	43	795	0.295	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	79406	23.928	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	79406	54.234	ug/l #	5
89) n-Butylbenzene	12.335	91	2021	0.229	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	1286	0.439	ug/l	96
94) Hexachlorobutadiene	13.725	225	796	0.657	ug/l	97
95) Naphthalene	13.774	128	5671	0.556	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	1344	0.466	ug/l	95

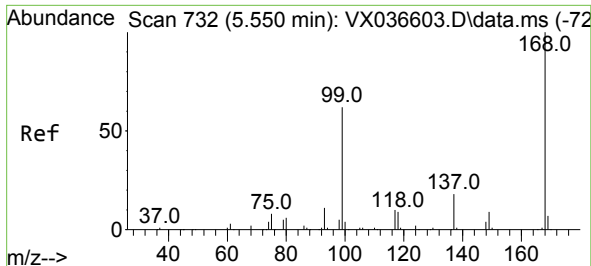
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 25 06:33:13 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

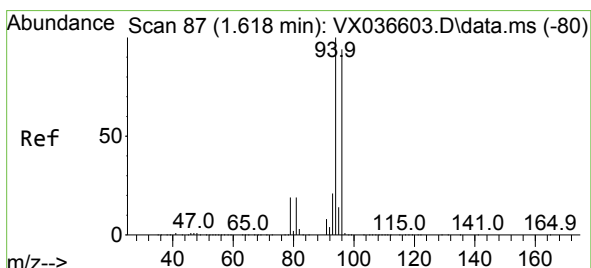
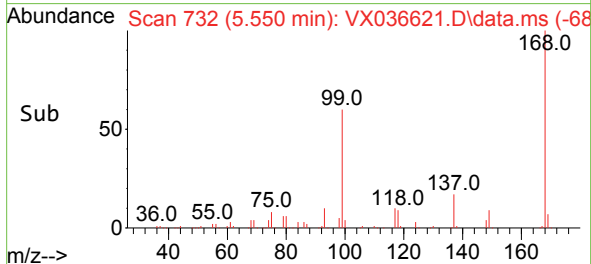
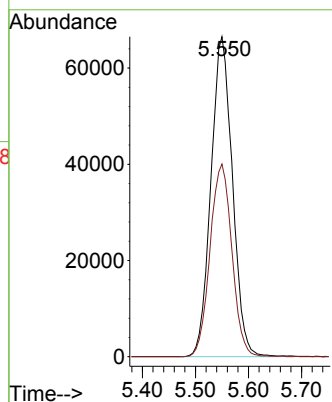
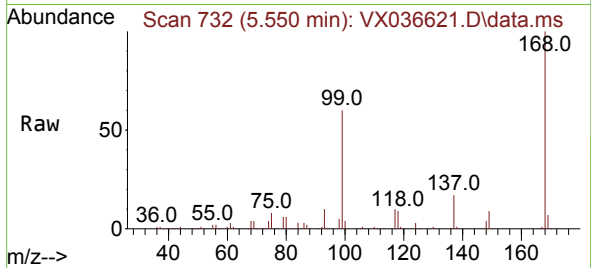




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

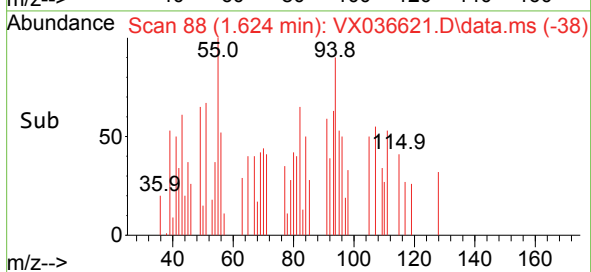
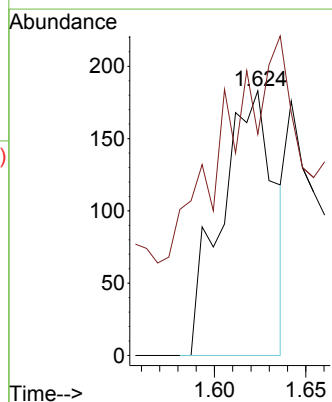
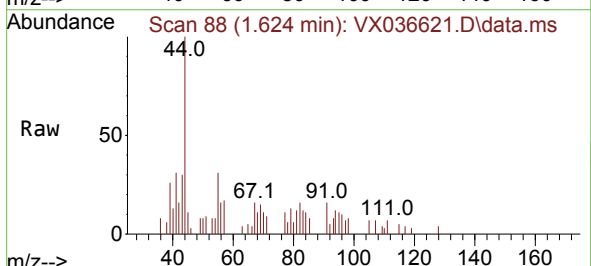
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

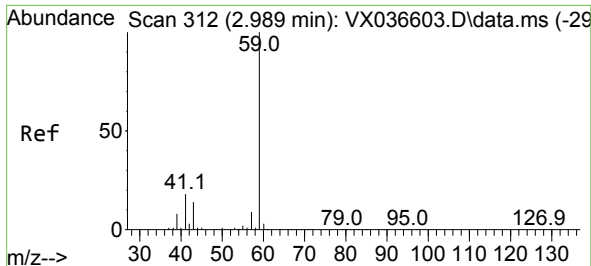
Tgt Ion:168 Resp: 187177
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 28.4 74.6 111.8#

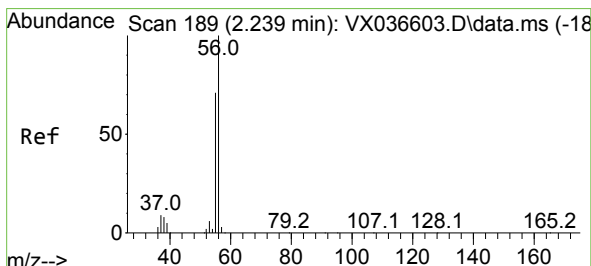
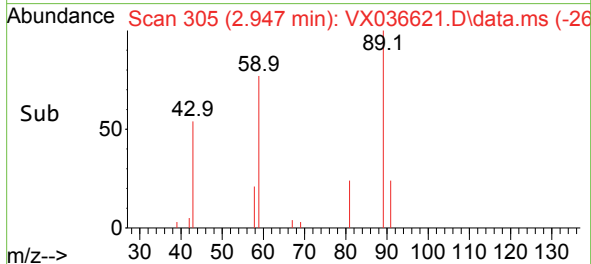
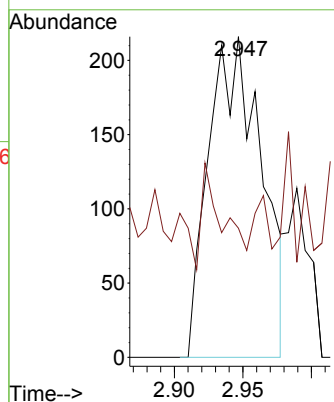
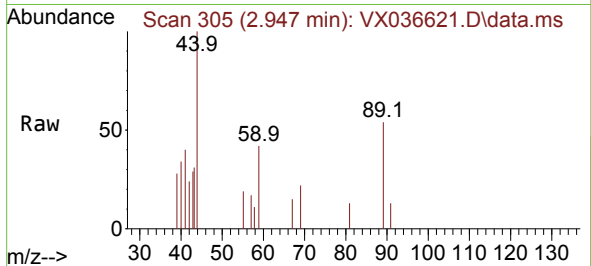




#11
Tert butyl alcohol
Concen: 0.877 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

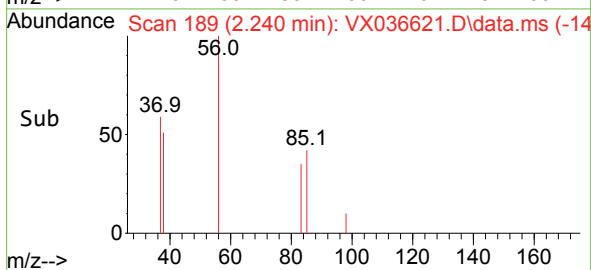
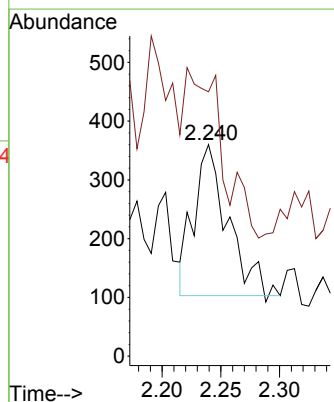
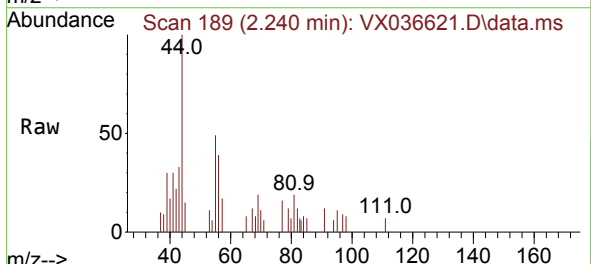
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

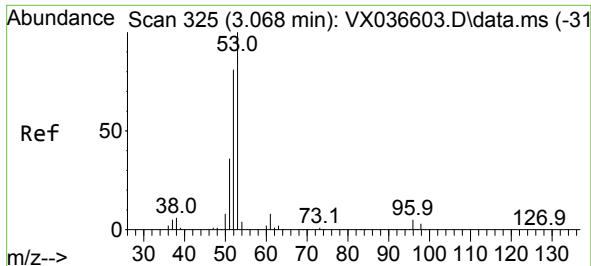
Tgt Ion: 59 Resp: 575
Ion Ratio Lower Upper
59 100
57 5.6 6.0 9.0#



#13
Acrolein
Concen: 1.379 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

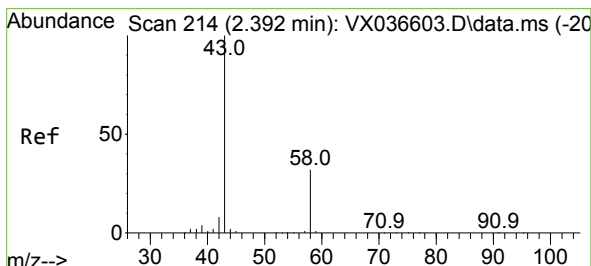
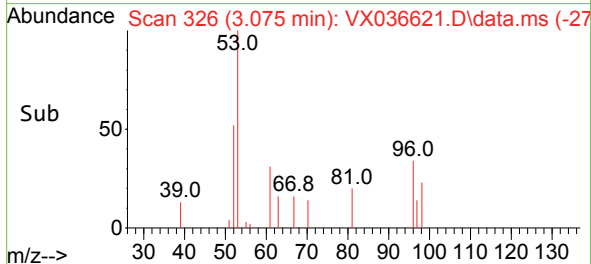
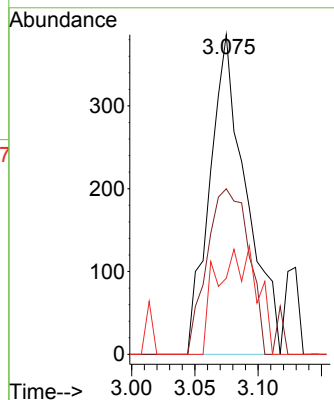
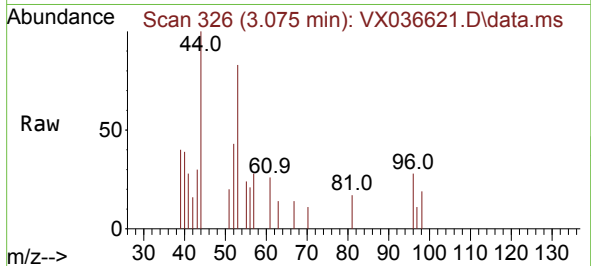




#15
Acrylonitrile
Concen: 0.586 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

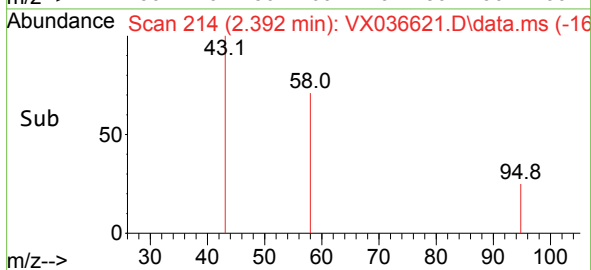
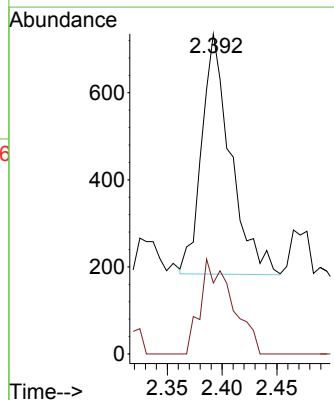
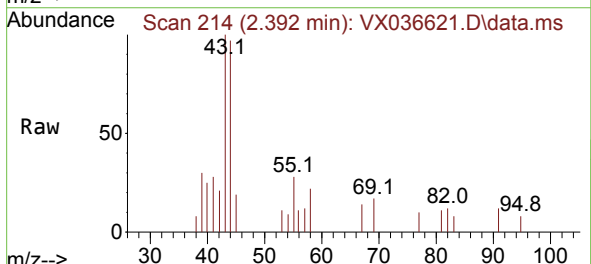
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

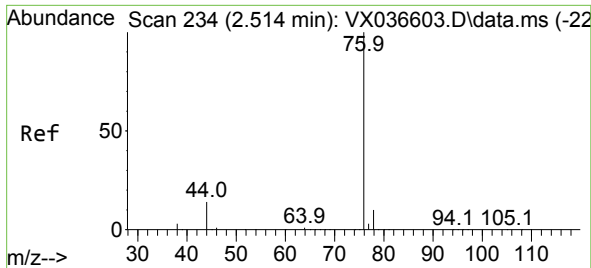
Tgt Ion: 53 Resp: 773
Ion Ratio Lower Upper
53 100
52 59.1 66.0 99.0#
51 37.0 29.8 44.6



#16
Acetone
Concen: 0.878 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.542 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

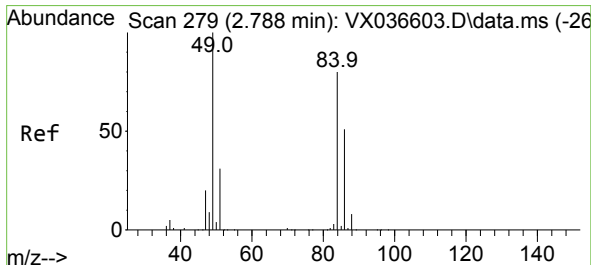
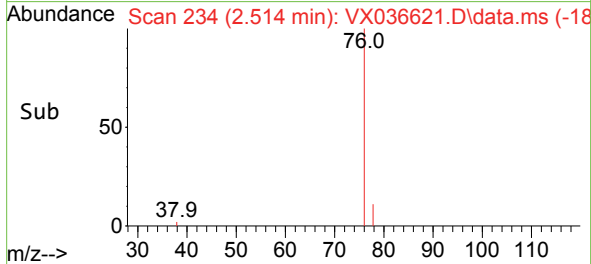
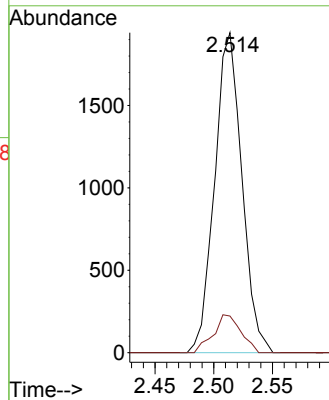
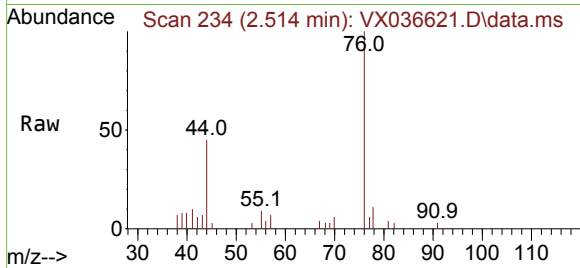
VX0724MBL01

Tgt Ion: 76 Resp: 3135

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.6#



#20

Methylene Chloride

Concen: 0.515 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Tgt Ion: 84 Resp: 1317

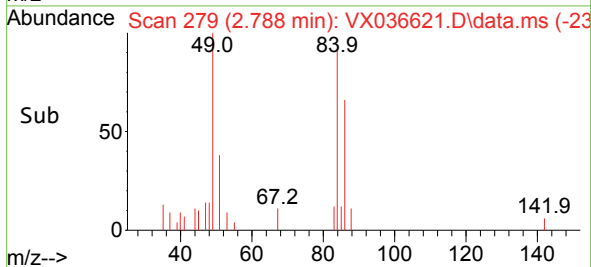
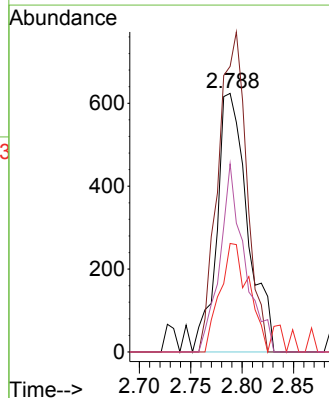
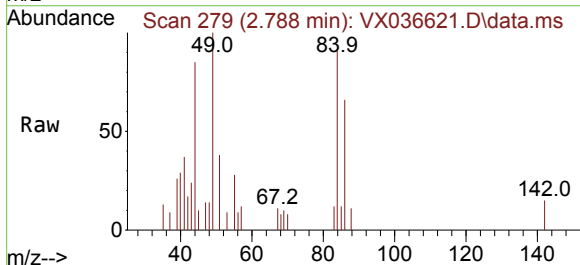
Ion Ratio Lower Upper

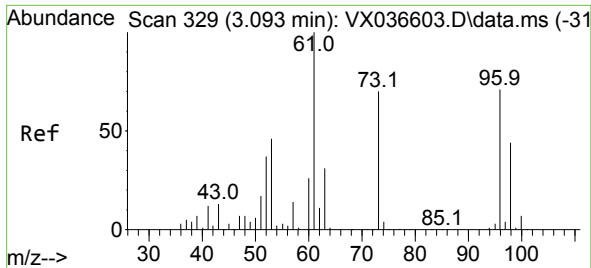
84 100

49 110.4 103.6 155.4

51 42.0 33.8 50.6

86 72.8 49.4 74.0

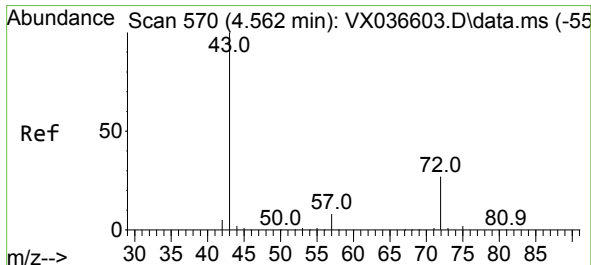
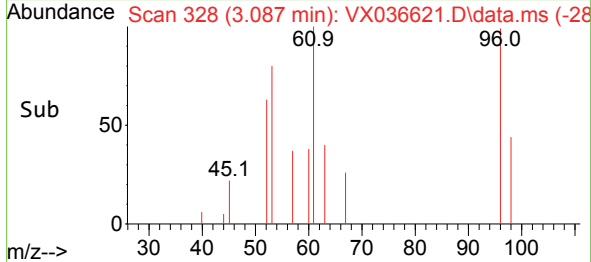
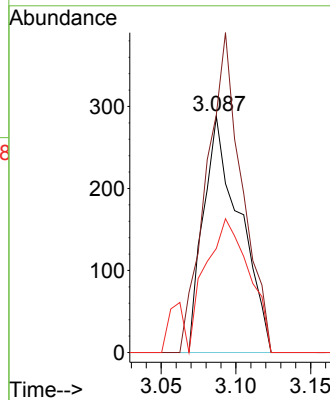
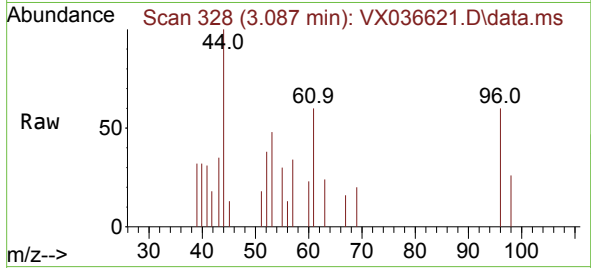




#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

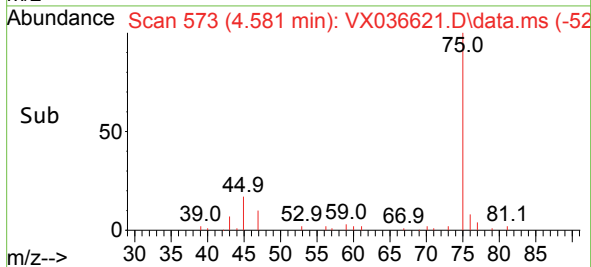
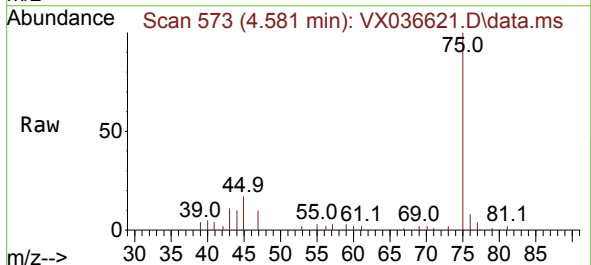
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

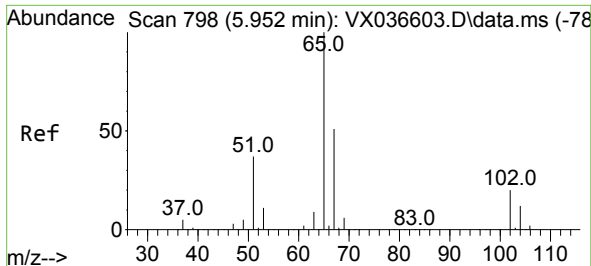
Tgt Ion: 96 Resp: 484
Ion Ratio Lower Upper
96 100
61 100.7 119.2 178.8#
98 44.1 48.7 73.1#



#25
2-Butanone
Concen: 0.477 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 44.461 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

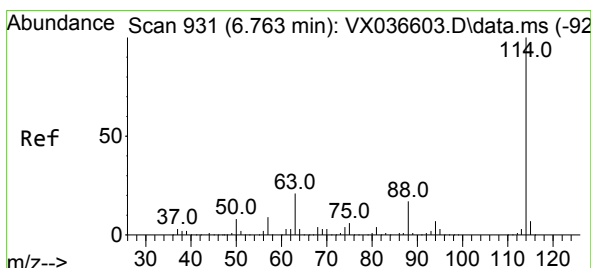
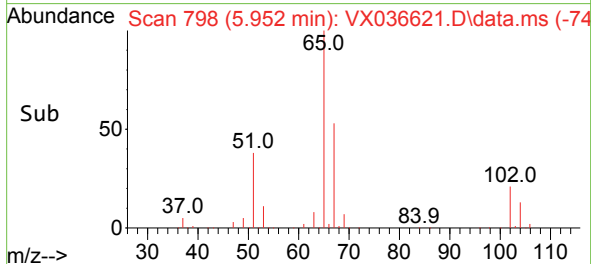
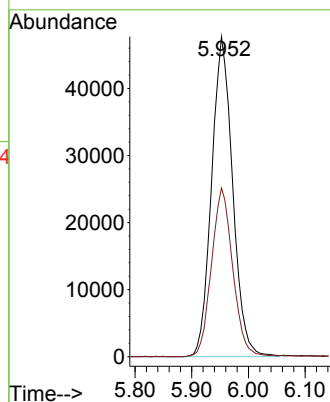
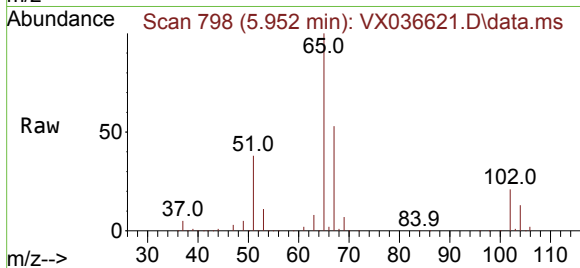
VX0724MBL01

Tgt Ion: 65 Resp: 123138

Ion Ratio Lower Upper

65 100

67 53.2 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: VX036621.D

Acq: 24 Jul 2023 10:54

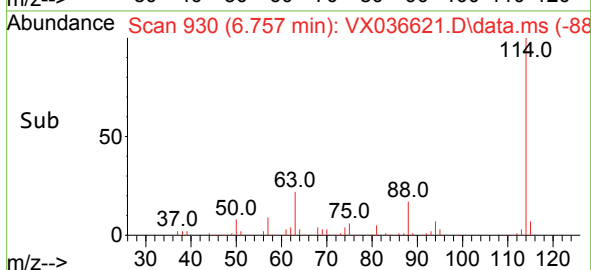
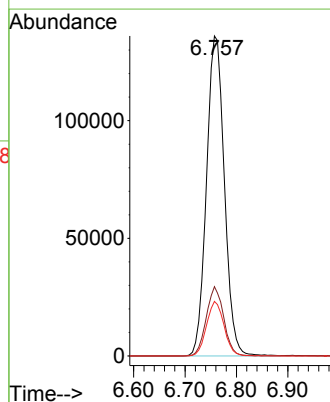
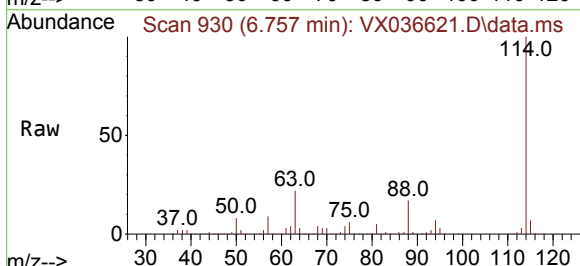
Tgt Ion: 114 Resp: 329042

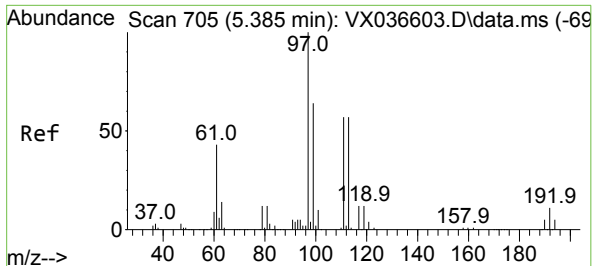
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 17.0 0.0 36.6

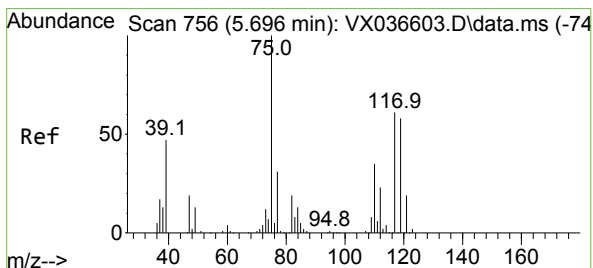
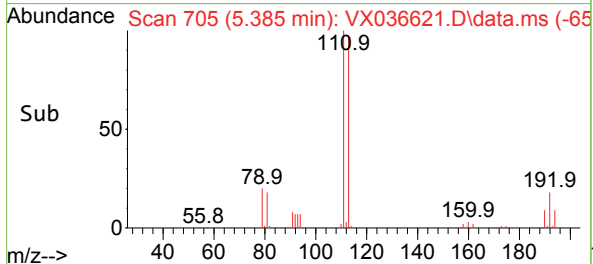
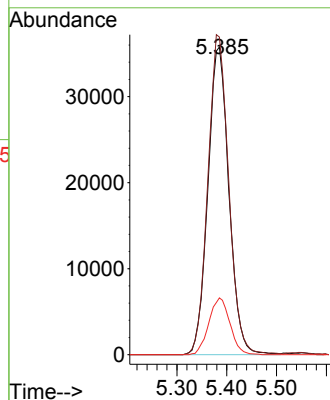
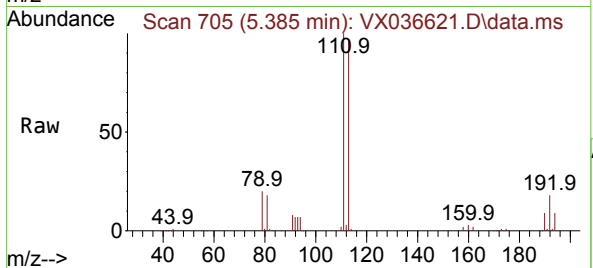




#35
Dibromofluoromethane
Concen: 46.310 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

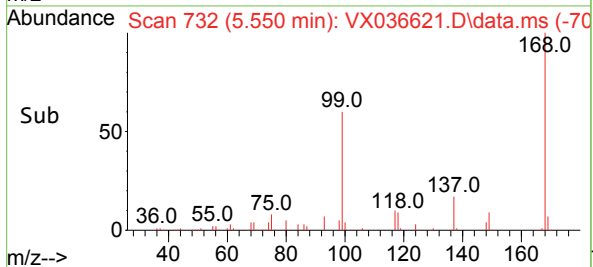
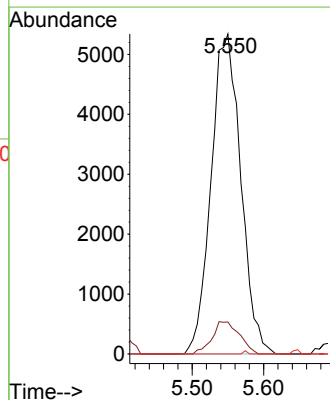
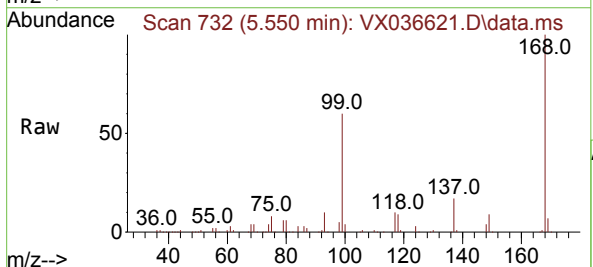
Instrument :
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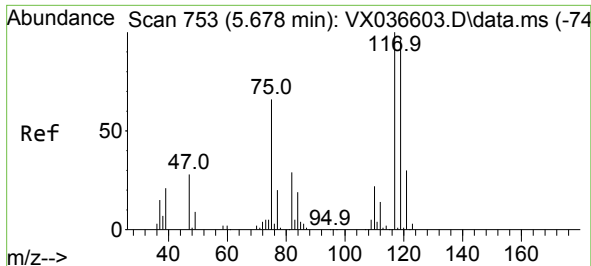
Tgt Ion:113 Resp: 104738
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

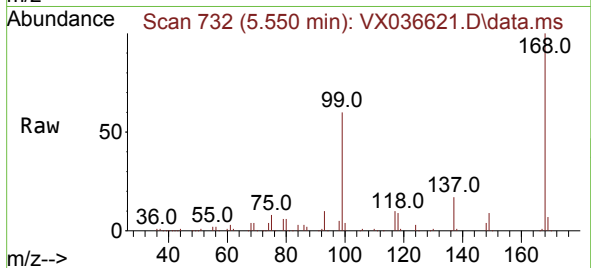
Tgt Ion: 75 Resp: 15375
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



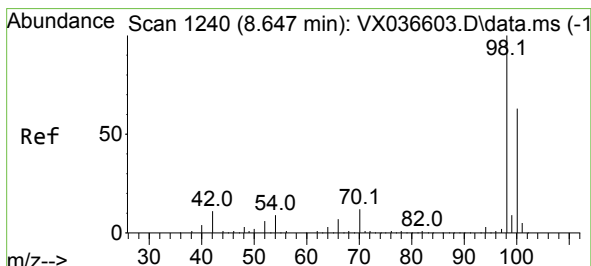
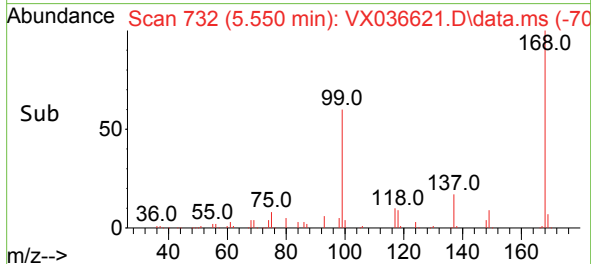
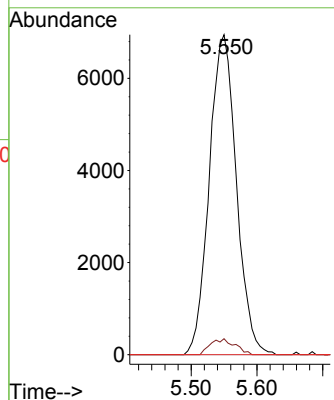


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

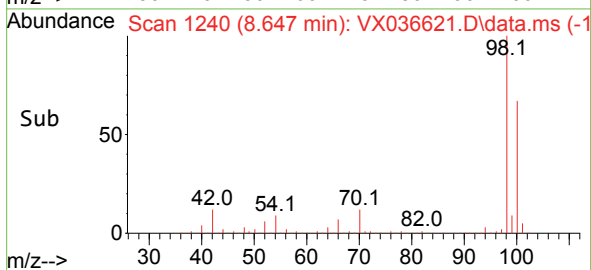
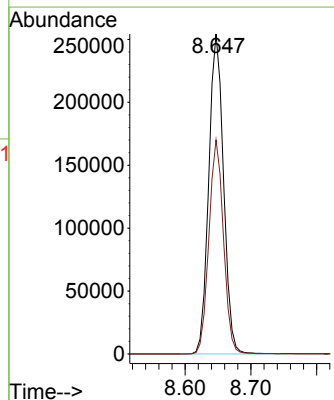
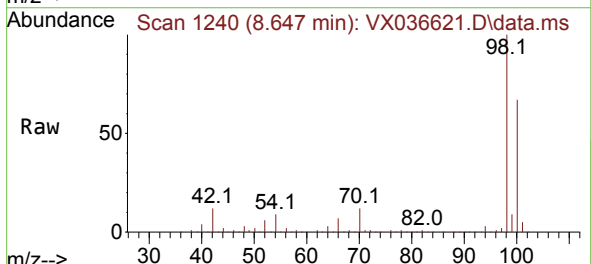


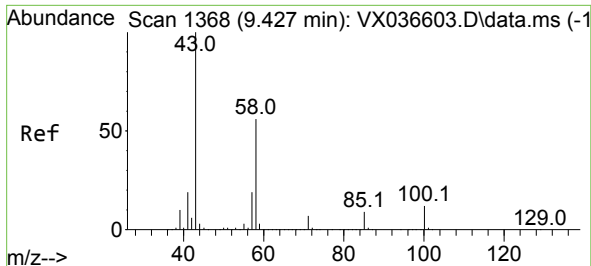
Tgt Ion:117 Resp: 19931
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.607 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 98 Resp: 397865
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

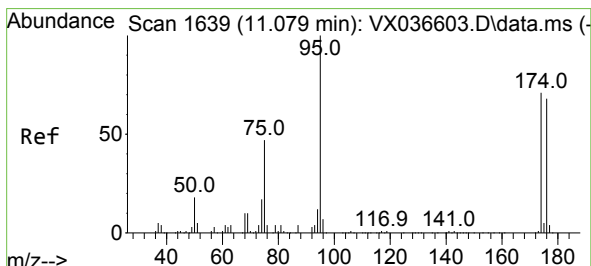
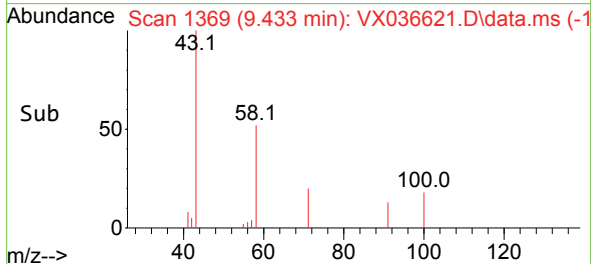
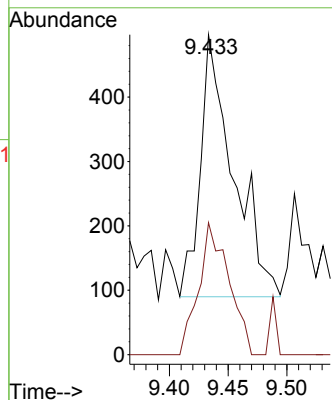
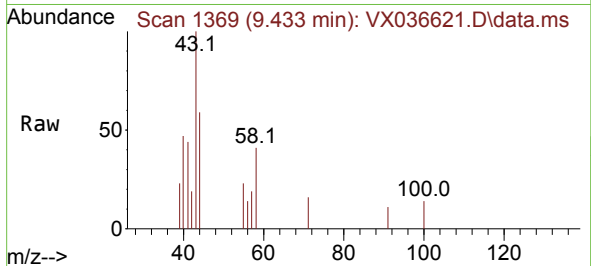




#59
2-Hexanone
Concen: 0.295 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

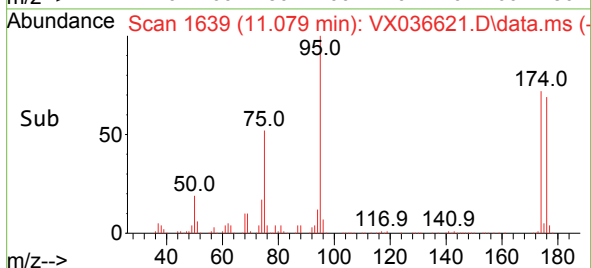
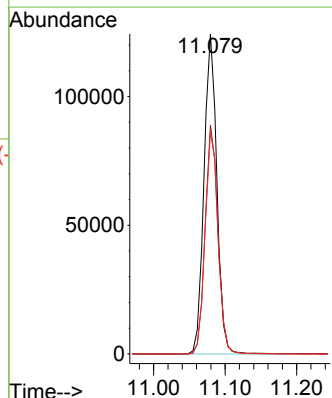
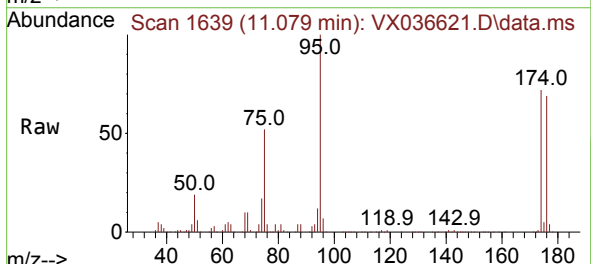
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

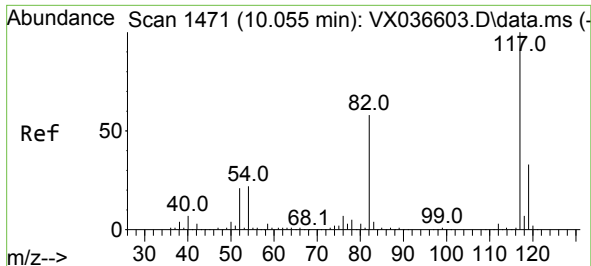
Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
58 46.0 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 51.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 95 Resp: 154973
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.6
176 70.0 0.0 131.0

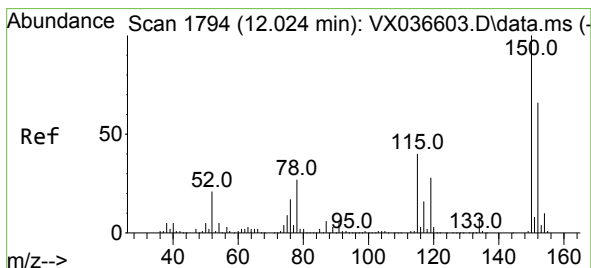
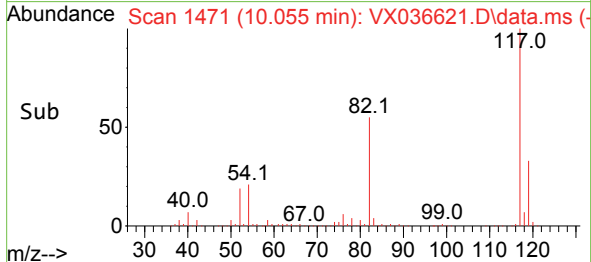
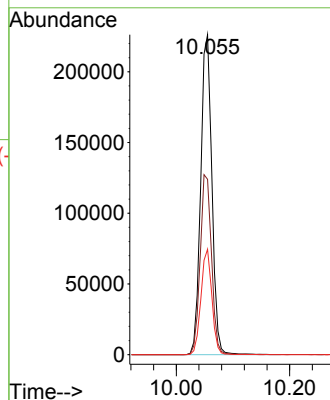
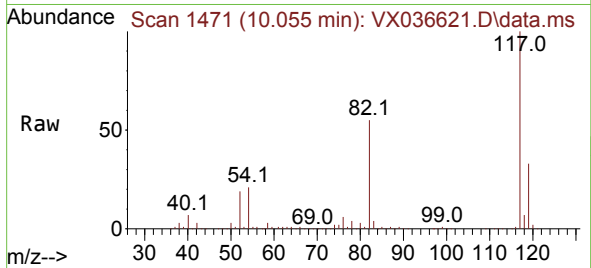




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

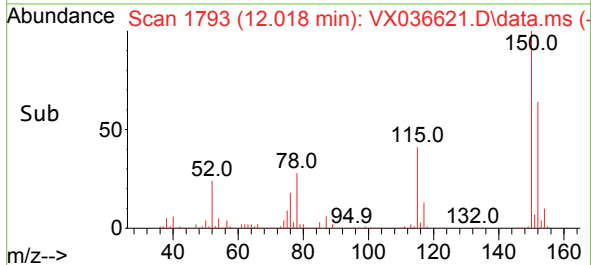
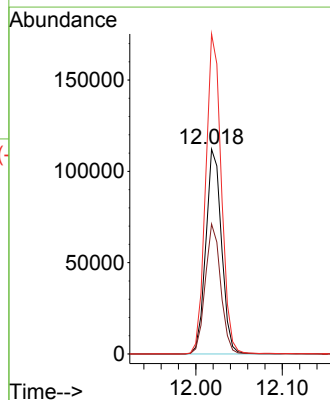
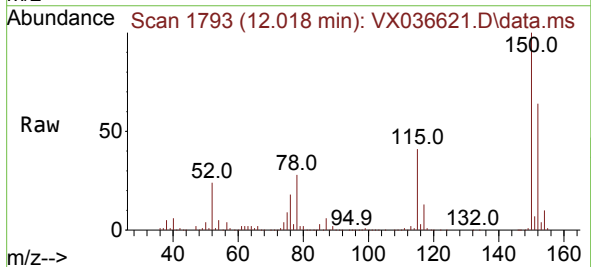
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

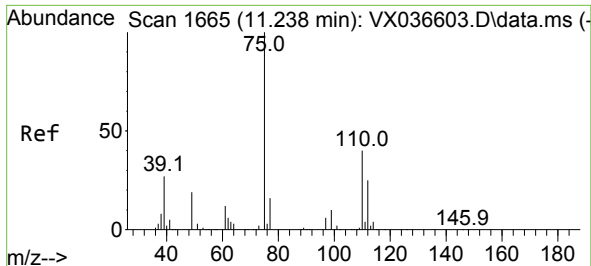
Tgt Ion:117 Resp: 308926
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion:152 Resp: 141089
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 155.6 0.0 345.0

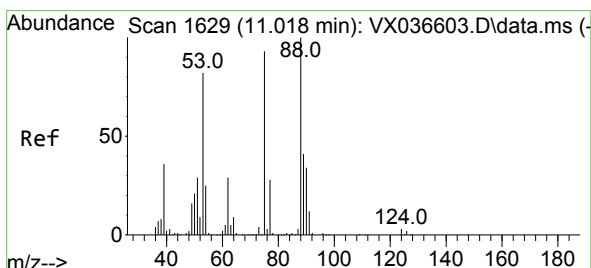
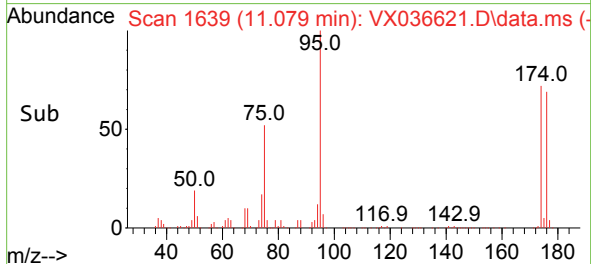
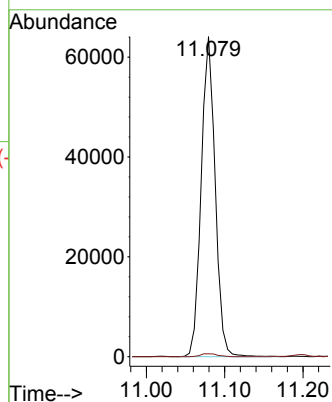
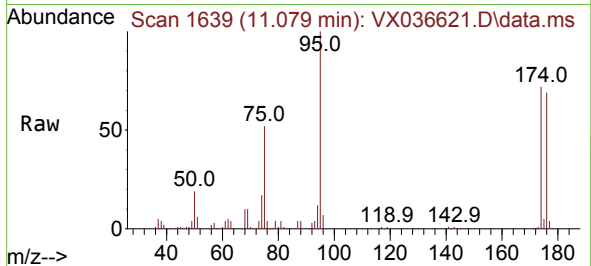




#76
1,2,3-Trichloropropane
Concen: 23.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

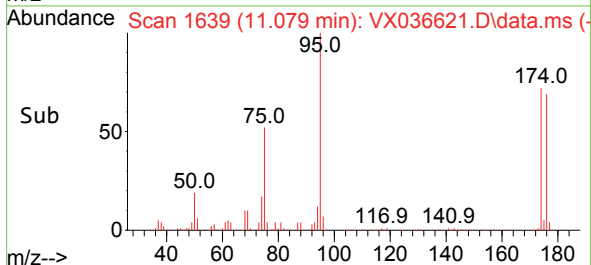
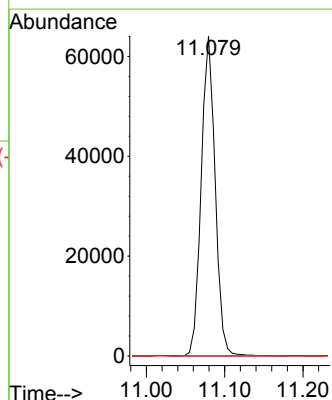
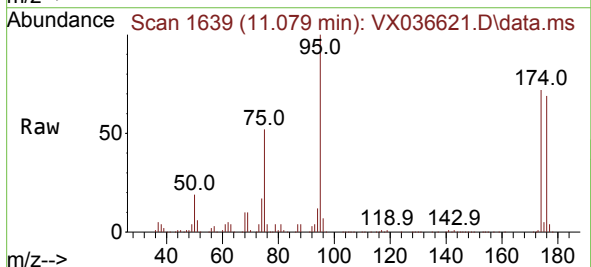
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

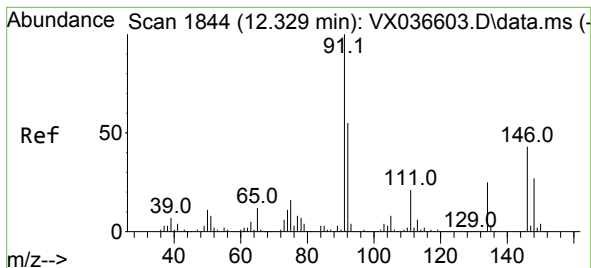
Tgt Ion: 75 Resp: 79406
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

Tgt Ion: 75 Resp: 79406
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.229 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0724MBL01

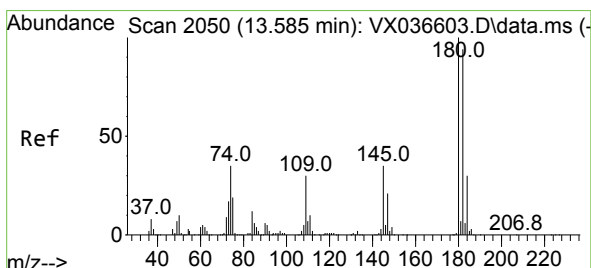
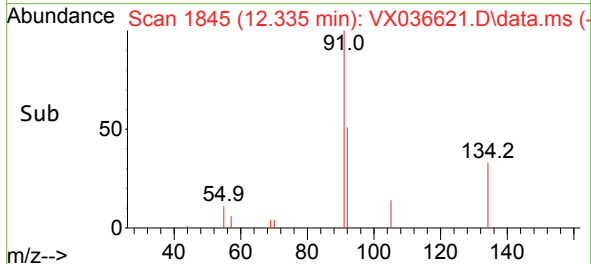
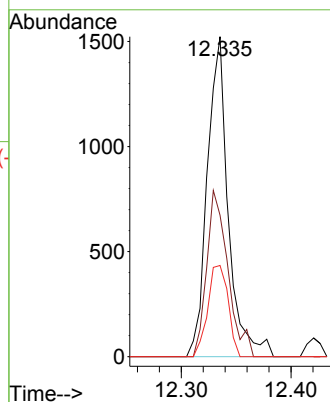
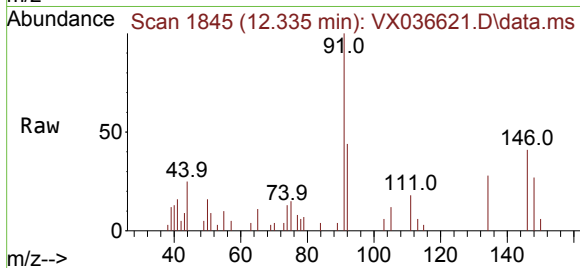
Tgt Ion: 91 Resp: 2021

Ion Ratio Lower Upper

91 100

92 52.5 27.4 82.0

134 27.7 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.439 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX036621.D

Acq: 24 Jul 2023 10:54

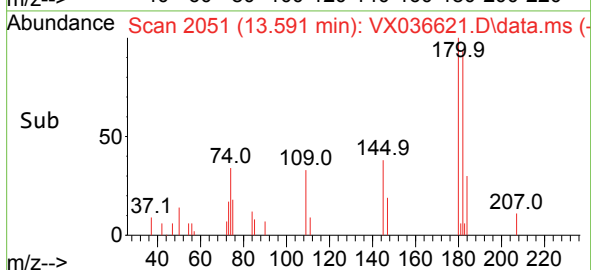
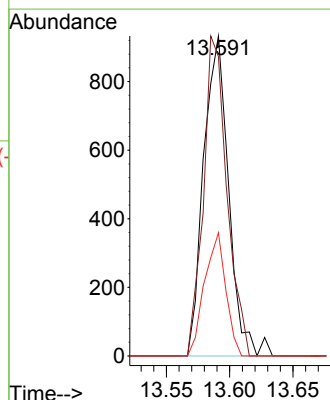
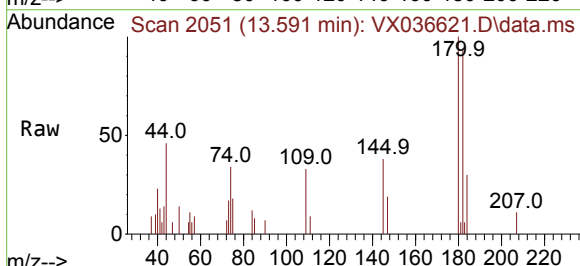
Tgt Ion: 180 Resp: 1286

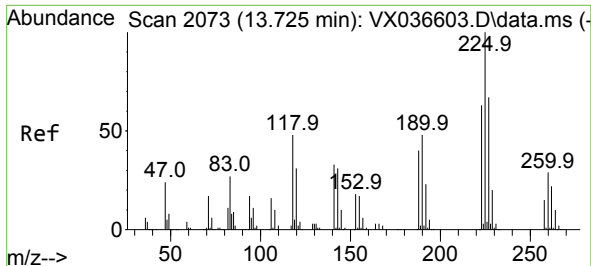
Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.8

145 32.5 18.0 54.0

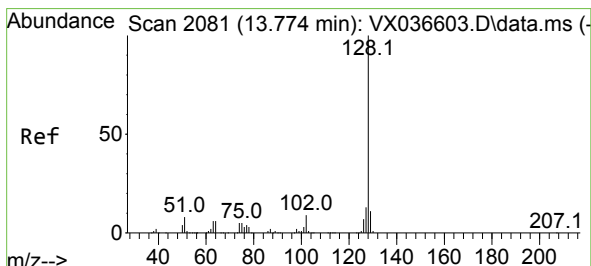
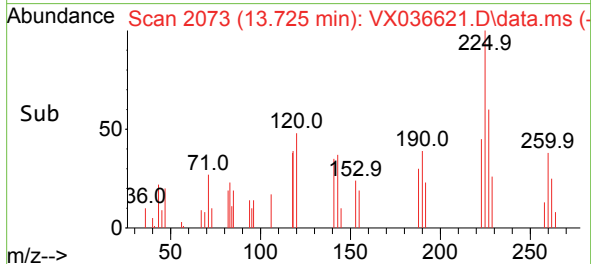
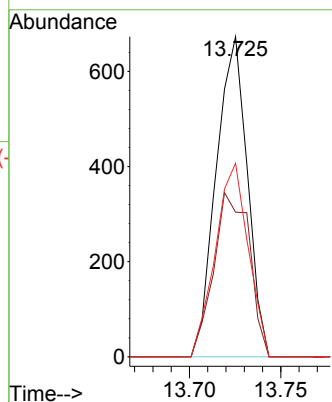
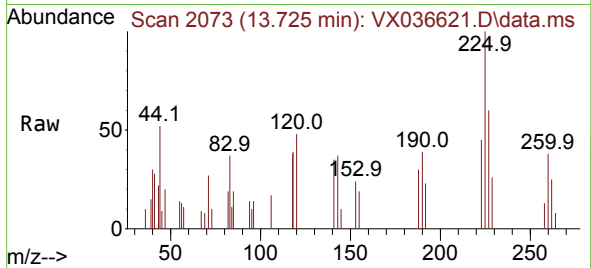




#94
Hexachlorobutadiene
Concen: 0.657 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

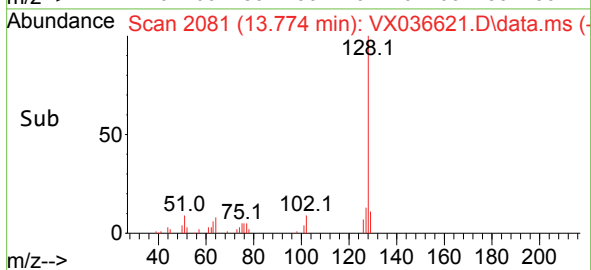
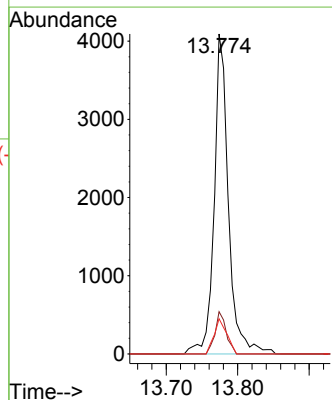
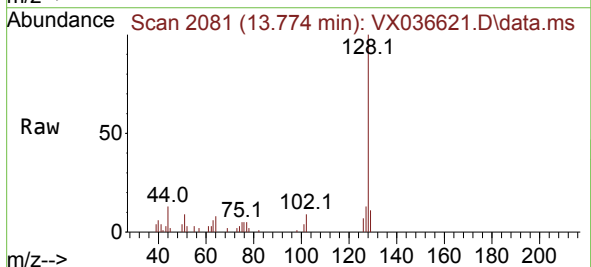
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

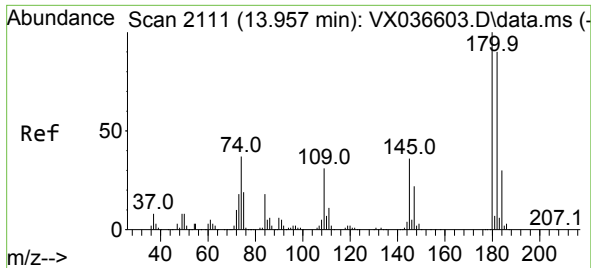
Tgt Ion:225 Resp: 796
Ion Ratio Lower Upper
225 100
223 58.8 31.1 93.2
227 64.1 32.5 97.5



#95
Naphthalene
Concen: 0.556 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036621.D
Acq: 24 Jul 2023 10:54

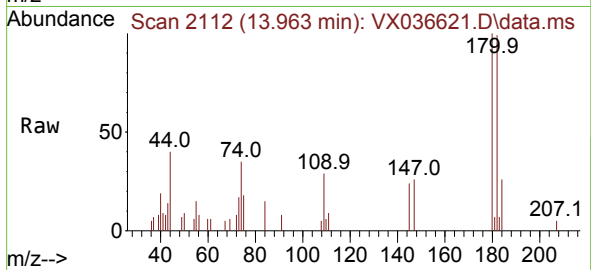
Tgt Ion:128 Resp: 5671
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5
129 9.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.466 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX036621.D
 Acq: 24 Jul 2023 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01



Tgt Ion:	180	Resp:	1344
Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.9	140.6
145	31.1	17.8	53.5

