

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036799.D
 Acq On : 04 Aug 2023 10:40
 Operator : JC/MD
 Sample : VX0804MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804MBL01

Quant Time: Aug 04 23:05:38 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)

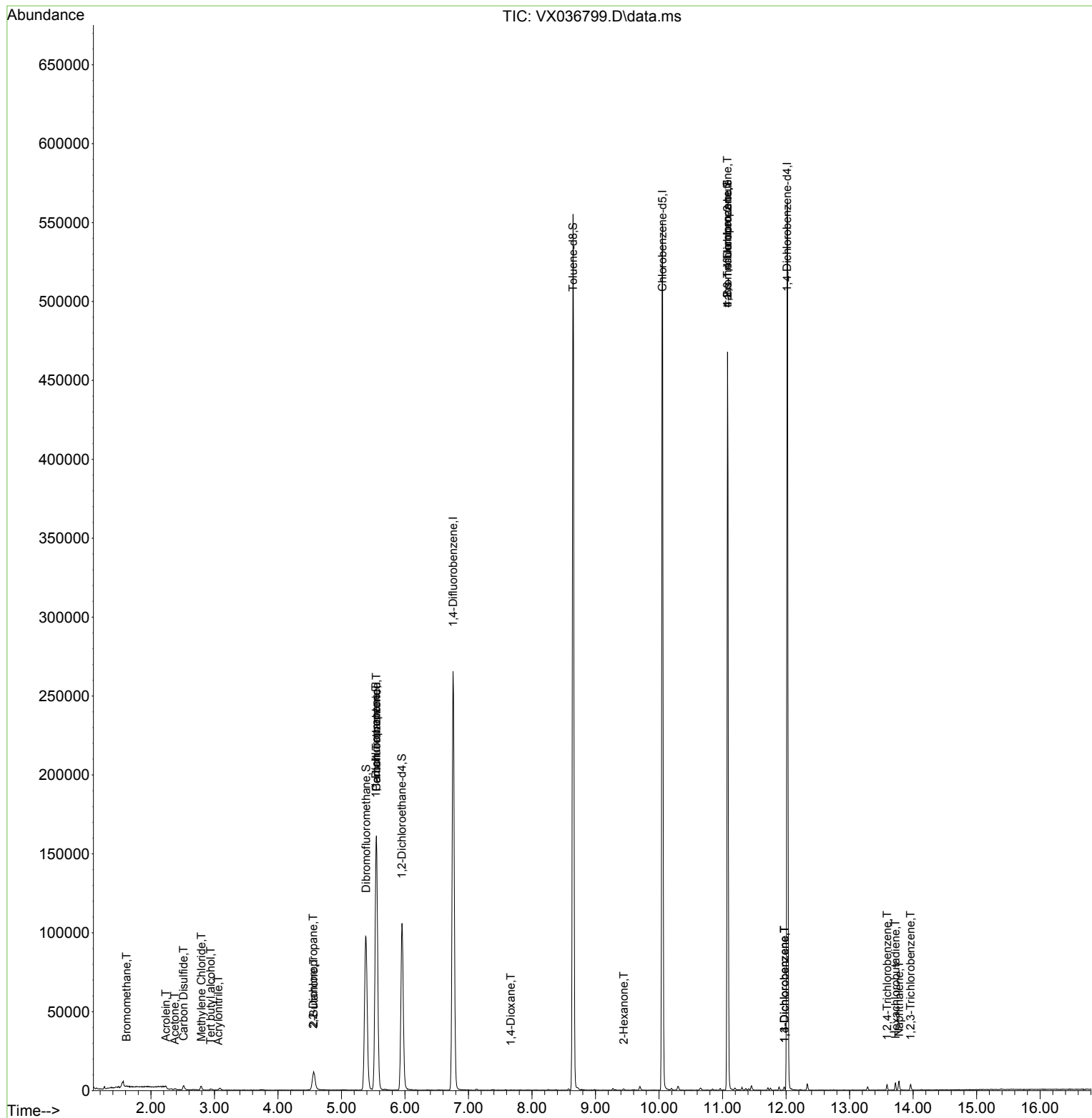
Internal Standards						
1) Pentafluorobenzene	5.550	168	149929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102613	46.255	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.500%		
35) Dibromofluoromethane	5.385	113	87641	46.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	8.647	98	323329	48.762	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	121415	48.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	404	0.369	ug/l	91
11) Tert butyl alcohol	2.940	59	589	1.121	ug/l #	78
13) Acrolein	2.233	56	467	1.558	ug/l #	64
15) Acrylonitrile	3.062	53	494	0.468	ug/l #	91
16) Acetone	2.374	43	775	0.842	ug/l	92
17) Carbon Disulfide	2.514	76	3060	0.660	ug/l	97
20) Methylene Chloride	2.794	84	1186	0.579	ug/l #	82
25) 2-Butanone	4.562	43	1115	0.747	ug/l	98
26) 2,2-Dichloropropane	4.556	77	955	0.288	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	12363	4.436	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16206	5.470	ug/l #	15
49) 1,4-Dioxane	7.665	88	78	1.529	ug/l #	12
59) 2-Hexanone	9.445	43	603	0.270	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	63891	24.134	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63891	54.701	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	875	0.223	ug/l	98
88) 1,4-Dichlorobenzene	11.975	146	875	0.224	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	1035	0.443	ug/l	92
94) Hexachlorobutadiene	13.725	225	685	0.709	ug/l	93
95) Naphthalene	13.780	128	4384	0.539	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1003	0.436	ug/l	89

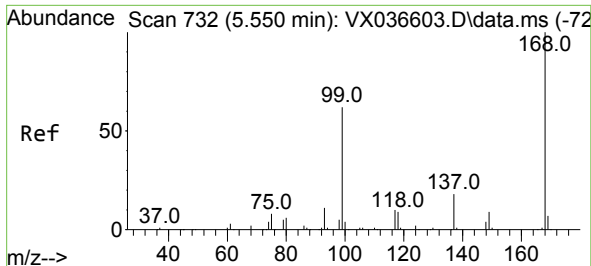
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

Quant Time: Aug 04 23:05:38 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

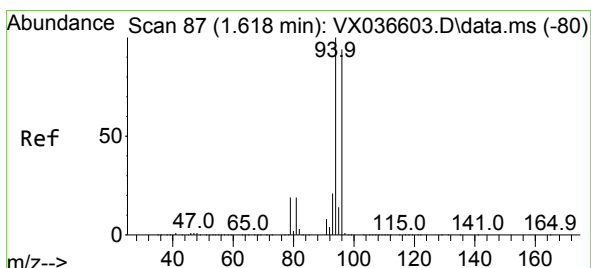
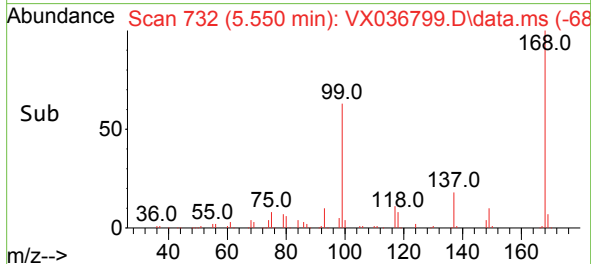
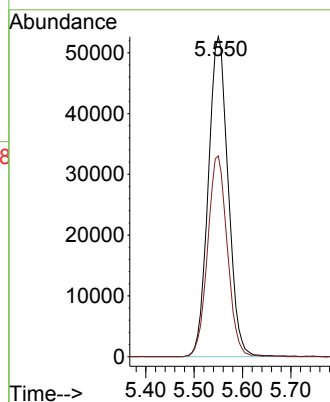
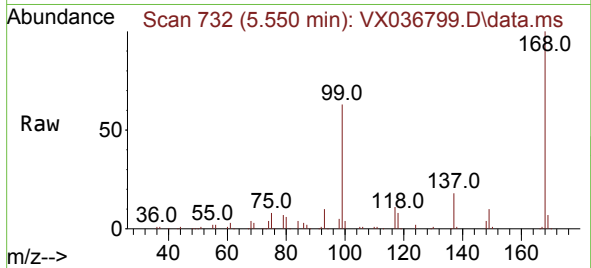




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

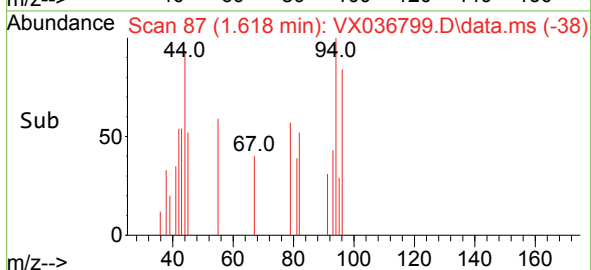
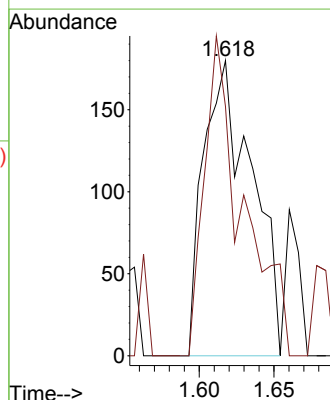
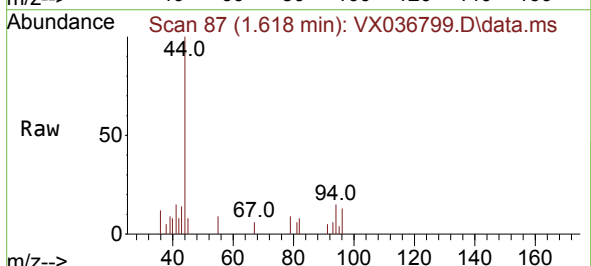
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

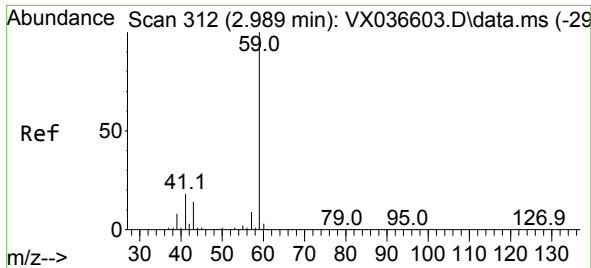
Tgt Ion:168 Resp: 149929
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#5
Bromomethane
Concen: 0.369 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 84.4 74.6 111.8

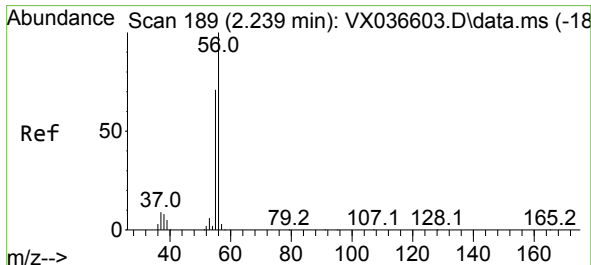
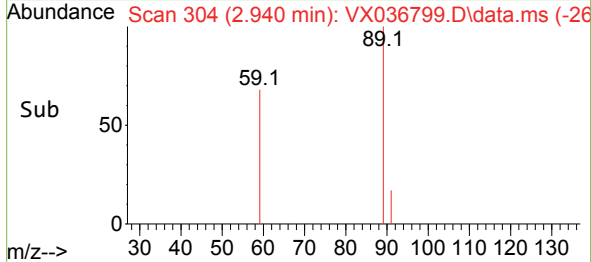
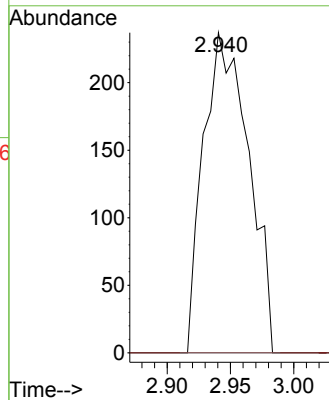
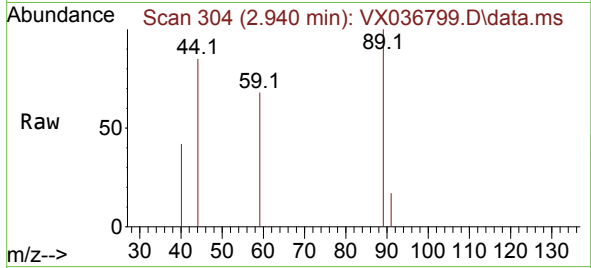




#11
Tert butyl alcohol
Concen: 1.121 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

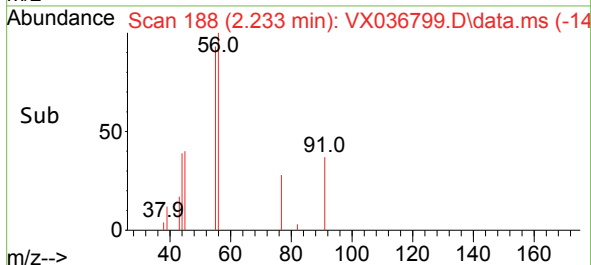
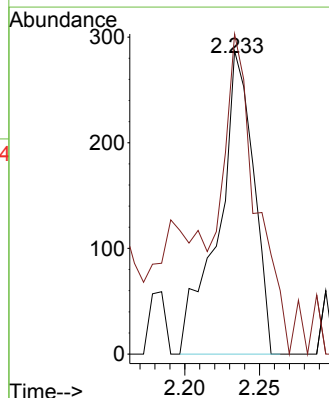
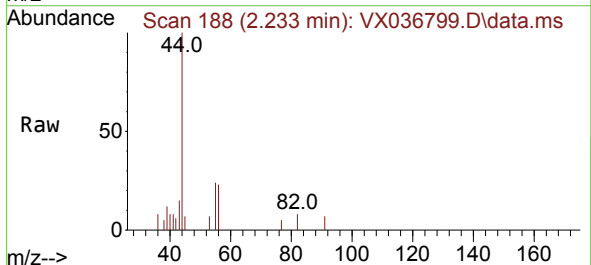
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

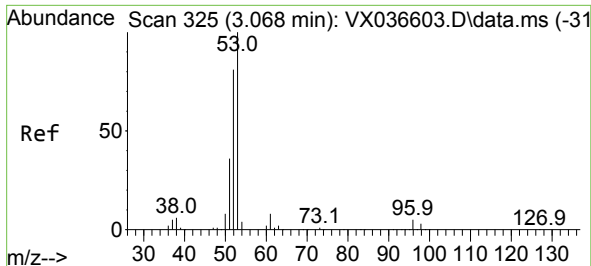
Tgt Ion: 59 Resp: 589
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 1.558 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion: 56 Resp: 467
Ion Ratio Lower Upper
56 100
55 101.1 57.1 85.7#

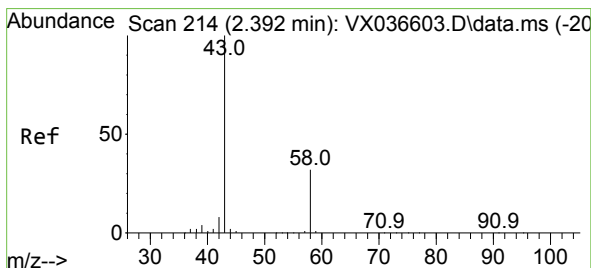
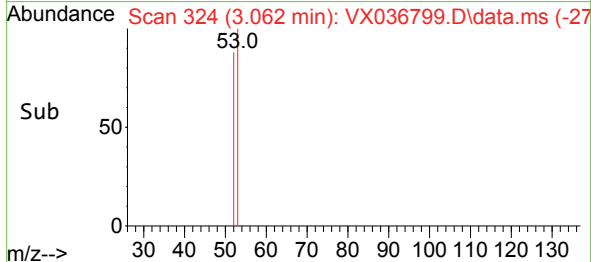
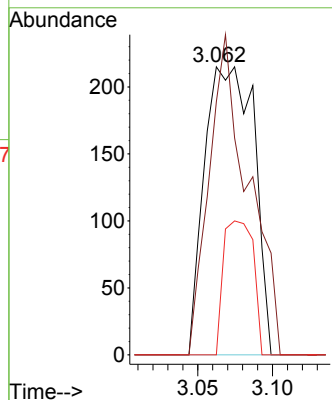
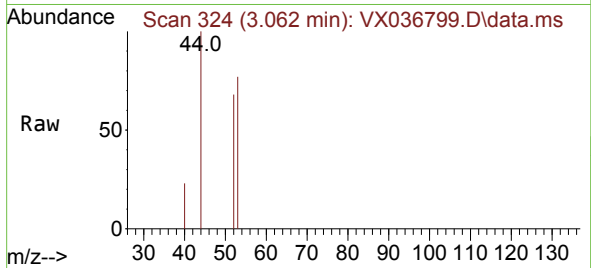




#15
Acrylonitrile
Concen: 0.468 ug/l
RT: 3.062 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

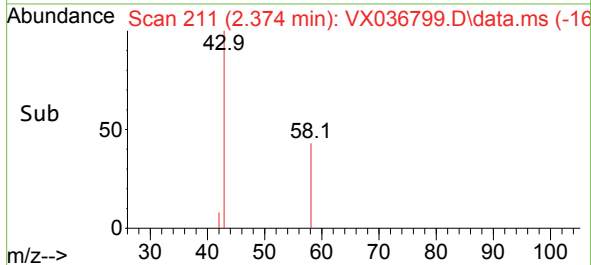
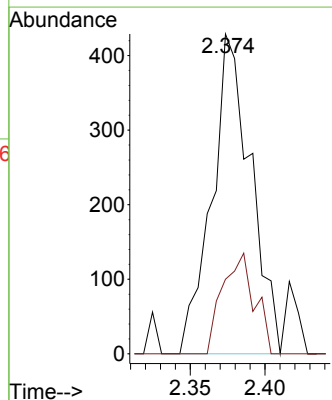
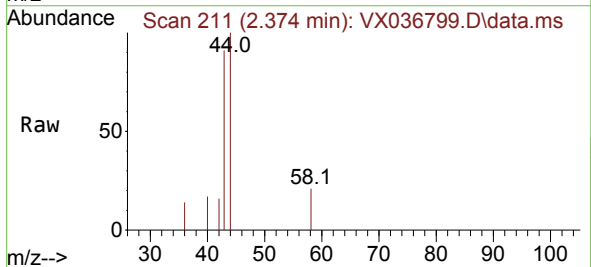
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

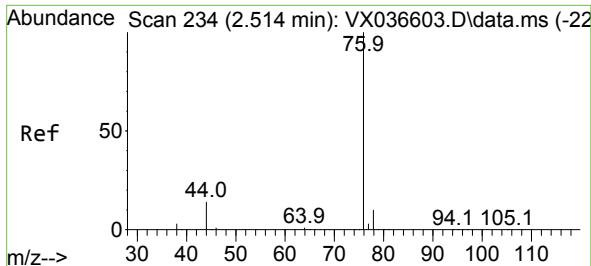
Tgt Ion: 53 Resp: 494
Ion Ratio Lower Upper
53 100
52 88.5 66.0 99.0
51 27.9 29.8 44.6#



#16
Acetone
Concen: 0.842 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.018 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 23.3 21.9 32.9





#17

Carbon Disulfide

Concen: 0.660 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036799.D

Acq: 04 Aug 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

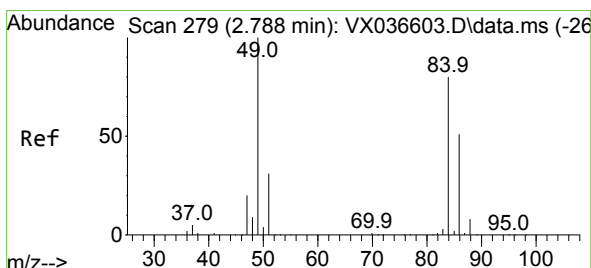
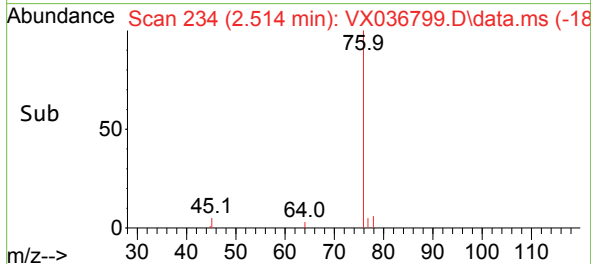
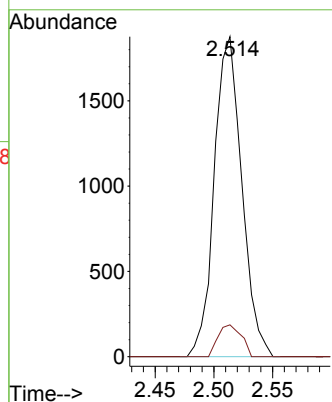
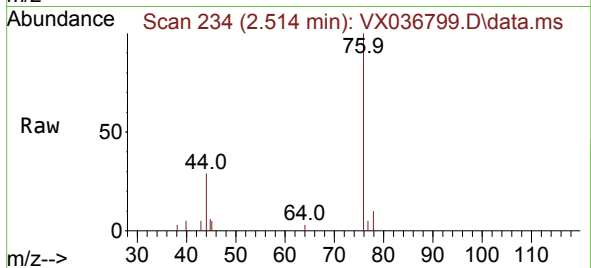
VX0804MBL01

Tgt Ion: 76 Resp: 3060

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6



#20

Methylene Chloride

Concen: 0.579 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036799.D

Acq: 04 Aug 2023 10:40

Tgt Ion: 84 Resp: 1186

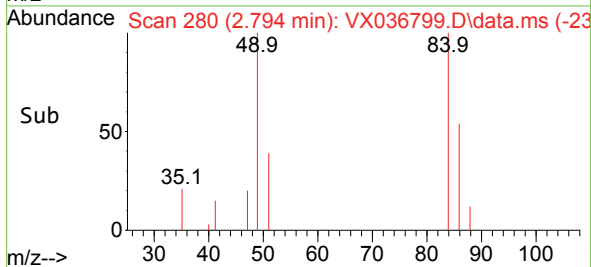
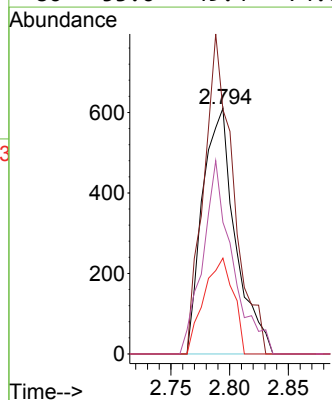
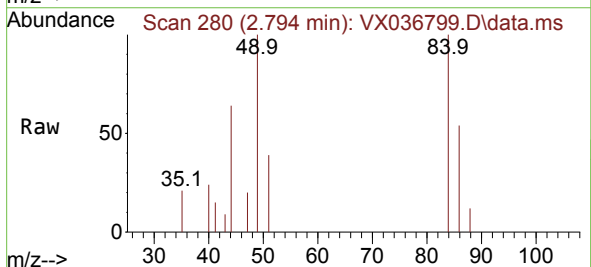
Ion Ratio Lower Upper

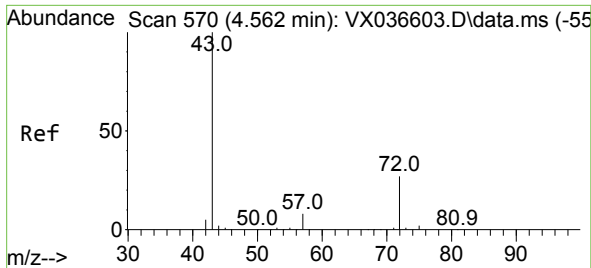
84 100

49 99.5 103.6 155.4#

51 39.0 33.8 50.6

86 53.6 49.4 74.0

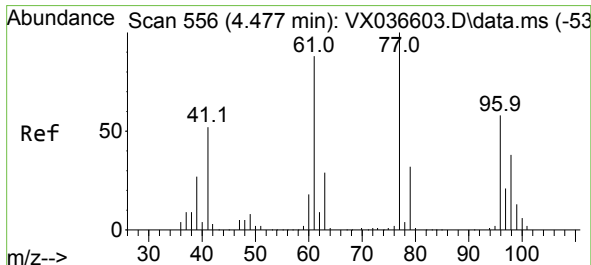
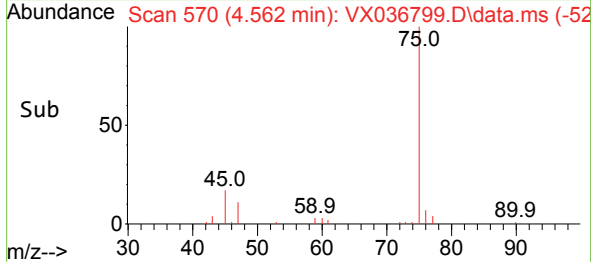
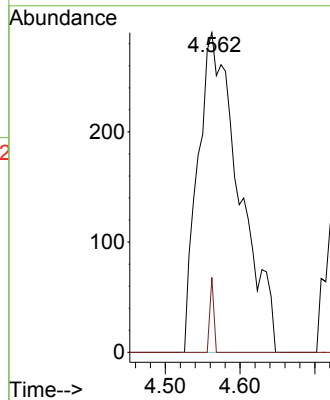
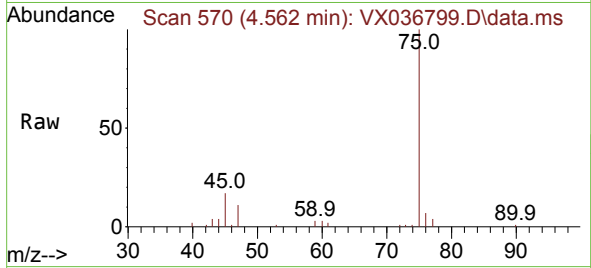




#25
2-Butanone
Concen: 0.747 ug/l
RT: 4.562 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

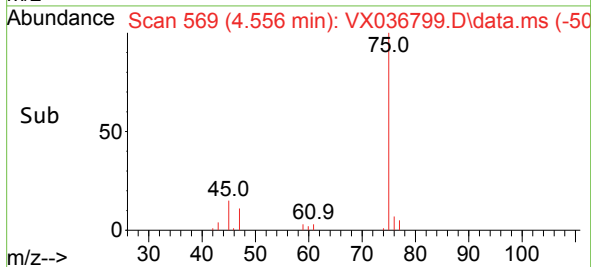
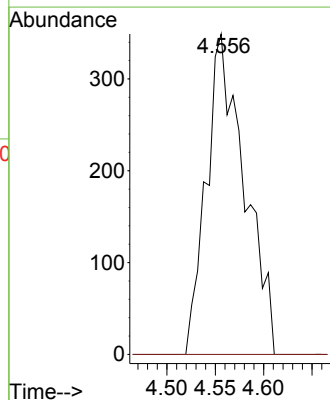
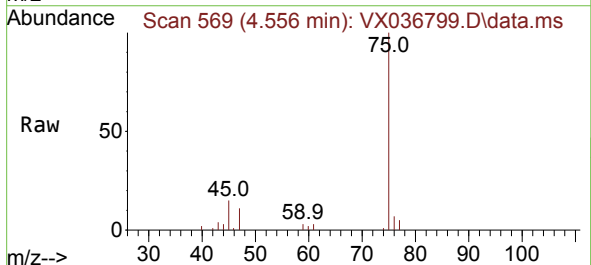
Instrument :
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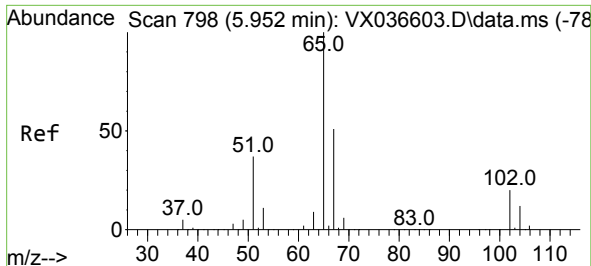
Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
72 23.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.288 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.079 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion: 77 Resp: 955
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#33

1,2-Dichloroethane-d4

Concen: 46.255 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036799.D

Acq: 04 Aug 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

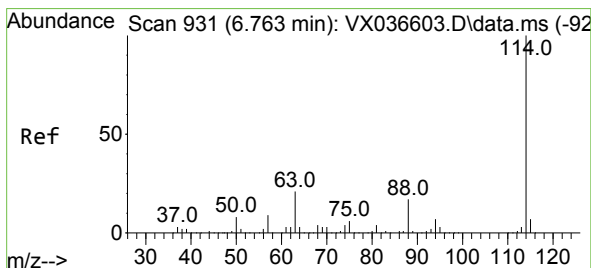
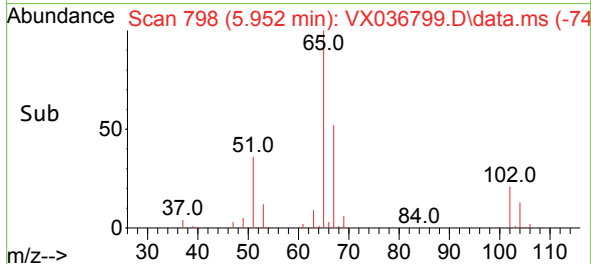
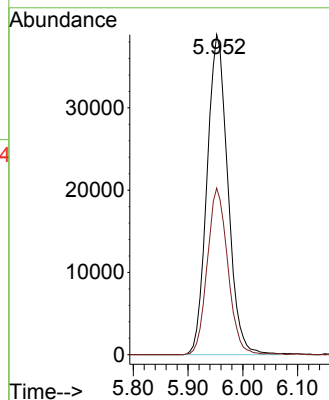
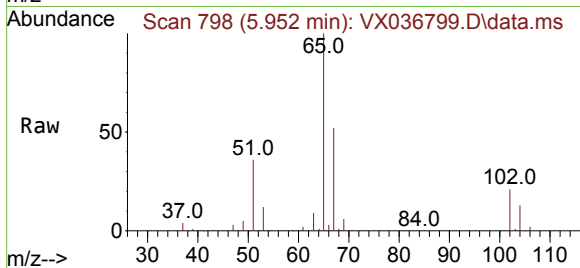
VX0804MBL01

Tgt Ion: 65 Resp: 102613

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: VX036799.D

Acq: 04 Aug 2023 10:40

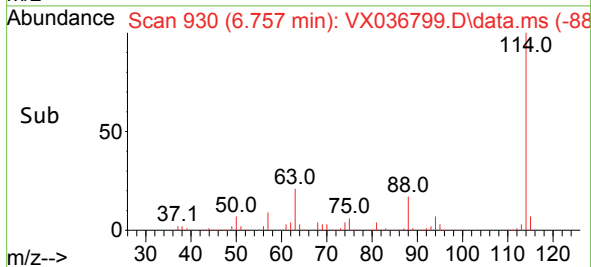
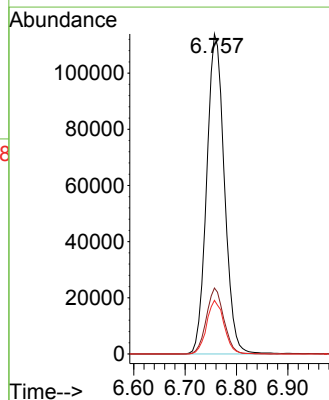
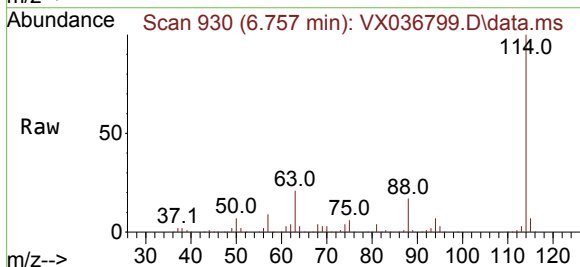
Tgt Ion: 114 Resp: 272033

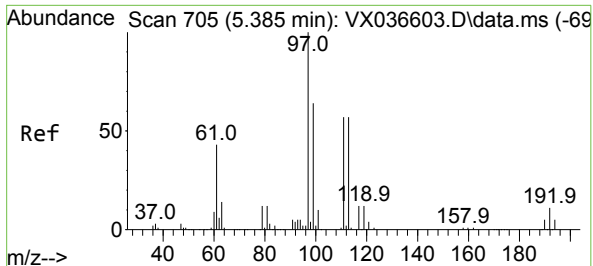
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.8 0.0 36.6

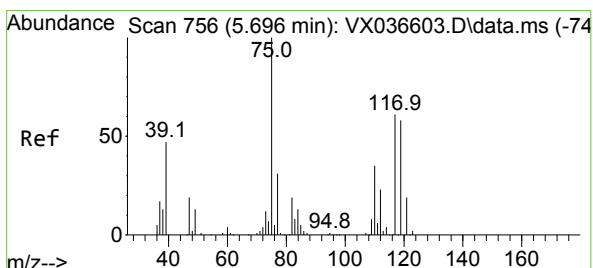
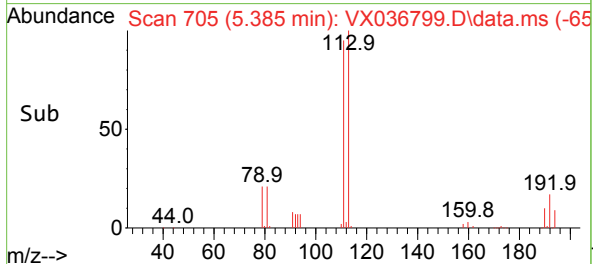
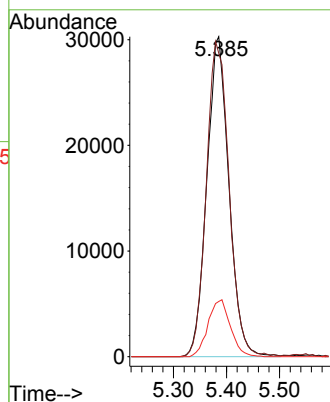
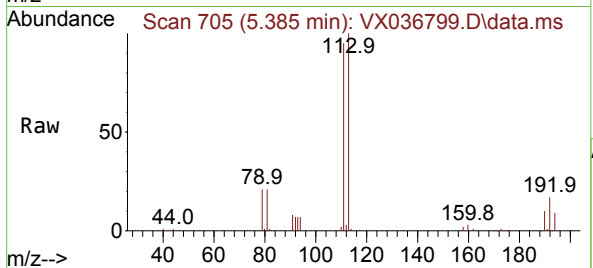




#35
Dibromofluoromethane
Concen: 46.872 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

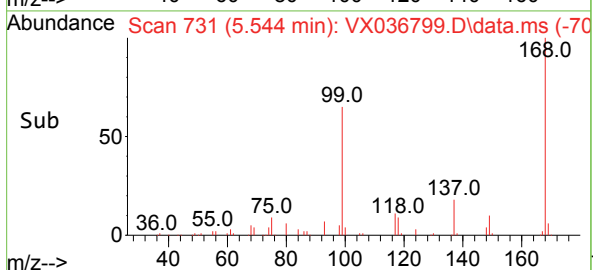
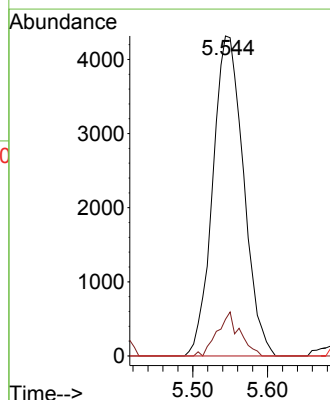
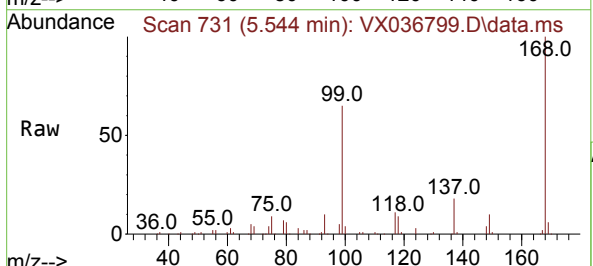
Instrument :
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VX0804MBL01

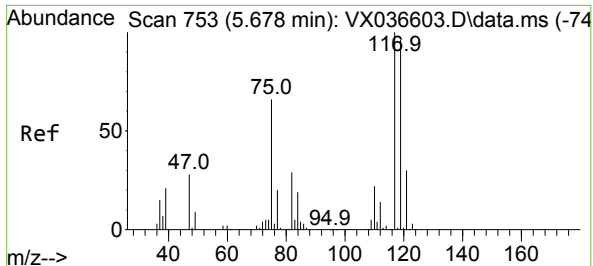
Tgt Ion:113 Resp: 87641
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.436 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

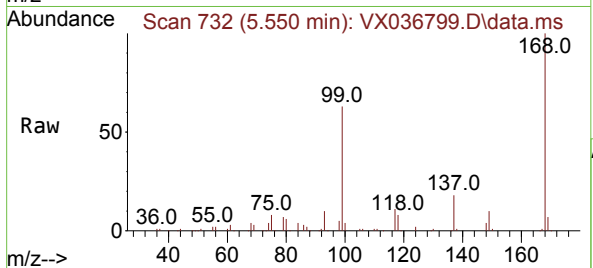
Tgt Ion: 75 Resp: 12363
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



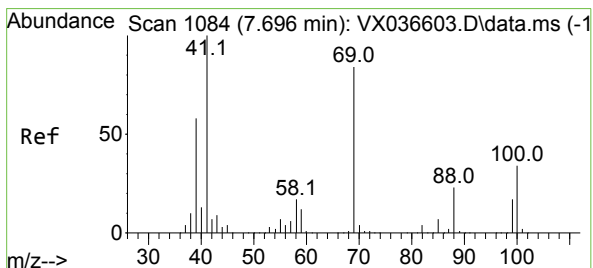
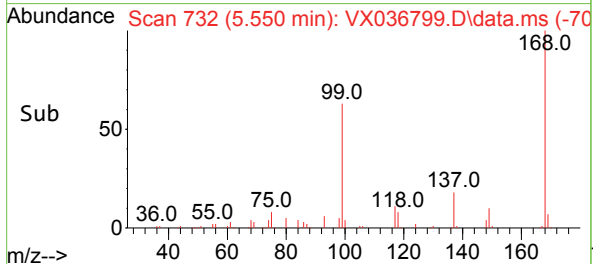
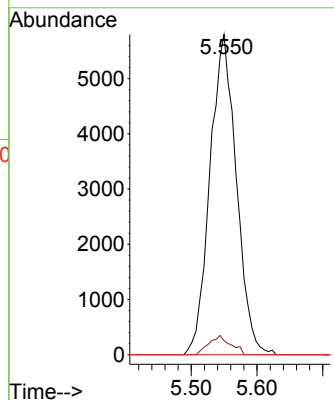


#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

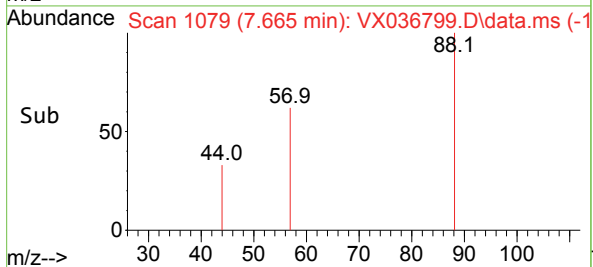
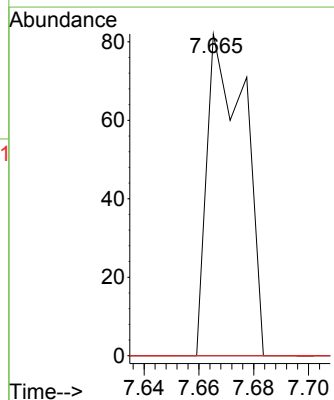
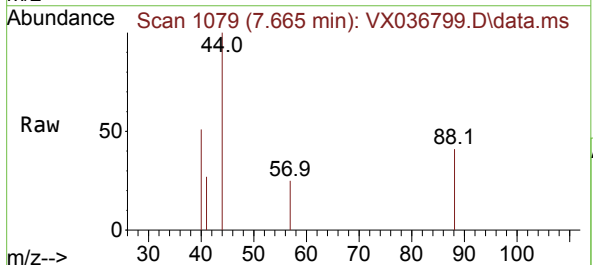


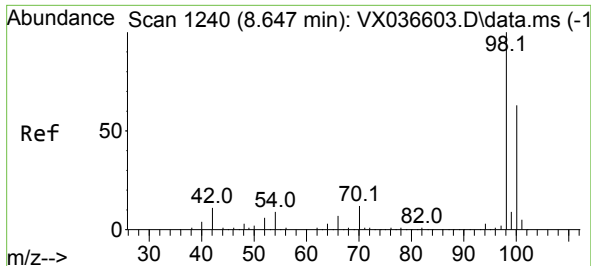
Tgt Ion:117 Resp: 16206
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 1.529 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.030 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

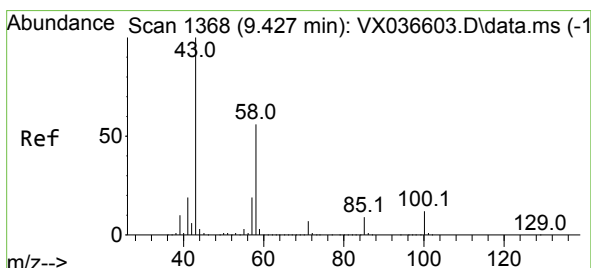
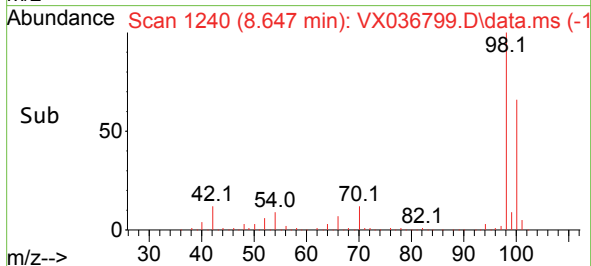
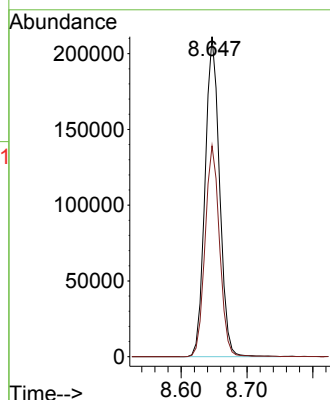
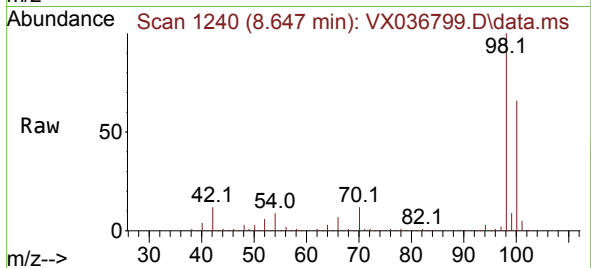




#50
Toluene-d8
Concen: 48.762 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

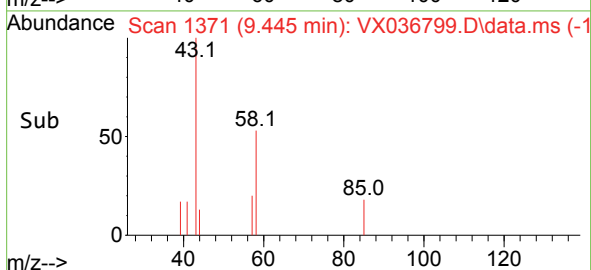
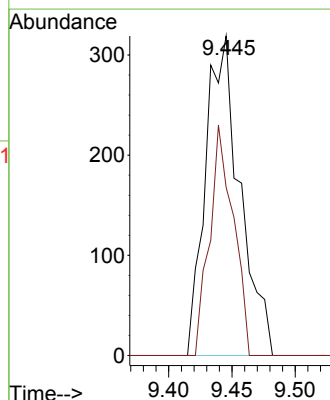
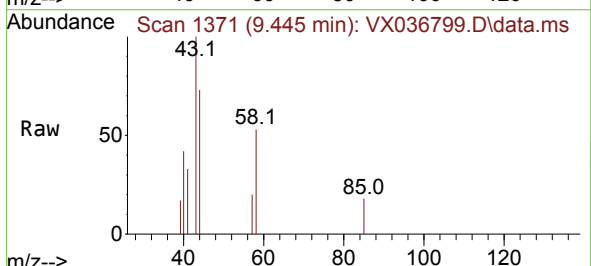
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

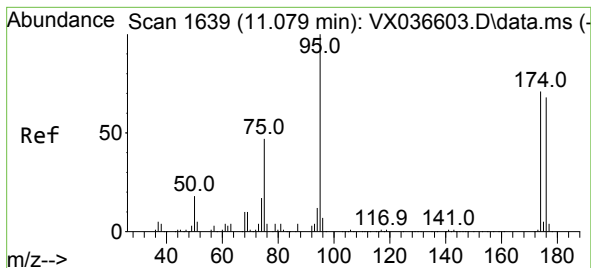
Tgt Ion: 98 Resp: 323329
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#59
2-Hexanone
Concen: 0.270 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 49.8 26.2 78.5

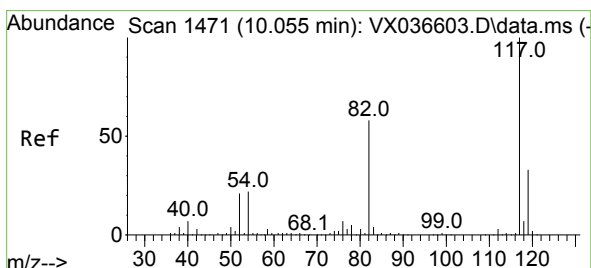
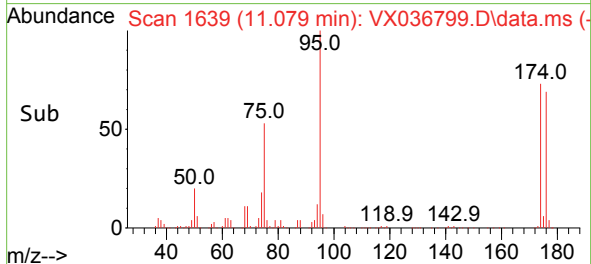
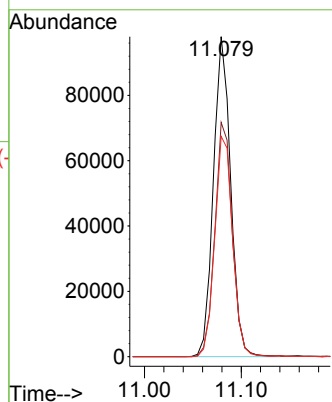
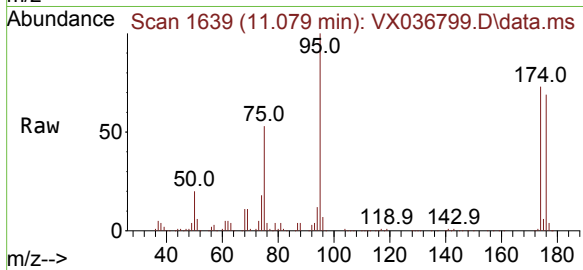




#62
4-Bromofluorobenzene
Concen: 48.534 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

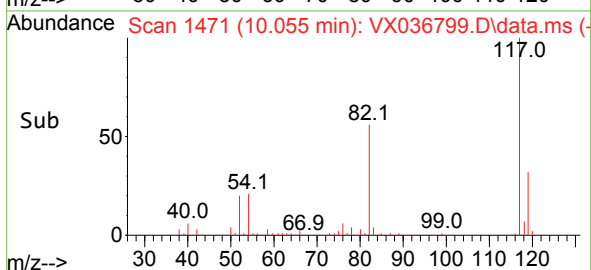
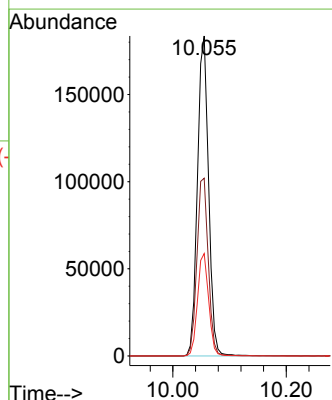
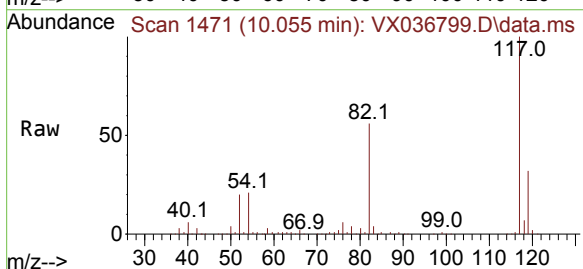
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

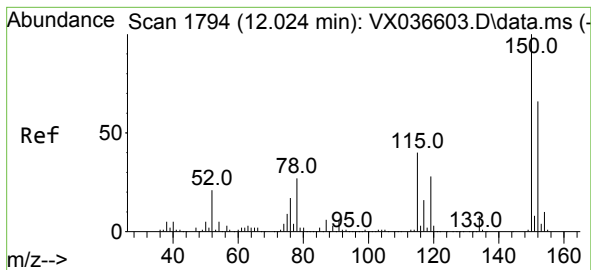
Tgt Ion: 95 Resp: 121415
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion: 117 Resp: 249549
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036799.D

Acq: 04 Aug 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0804MBL01

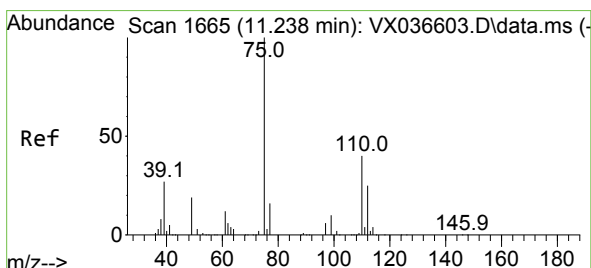
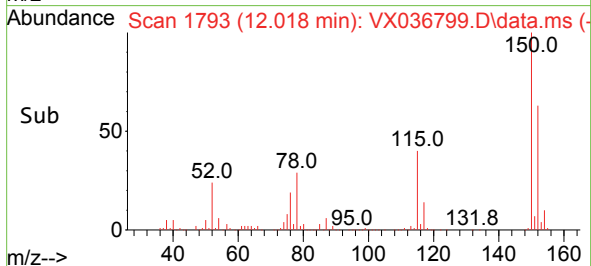
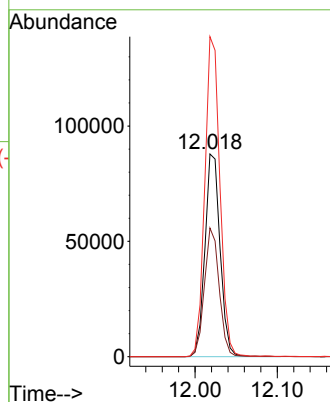
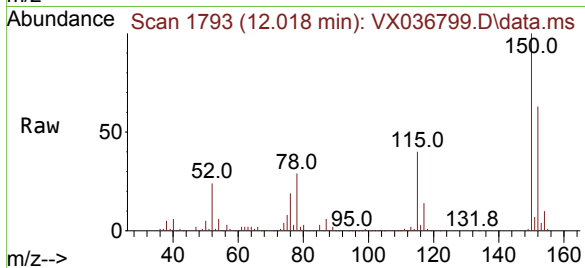
Tgt Ion:152 Resp: 112553

Ion Ratio Lower Upper

152 100

115 62.0 43.3 129.9

150 156.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.134 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036799.D

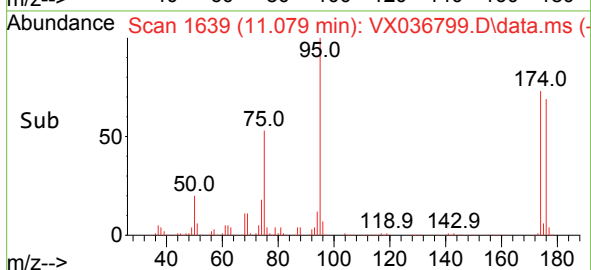
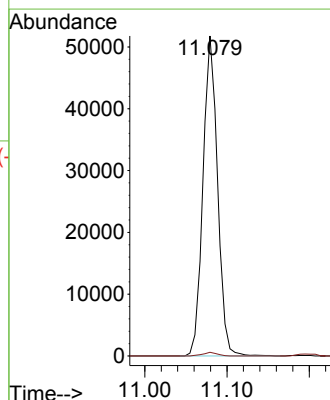
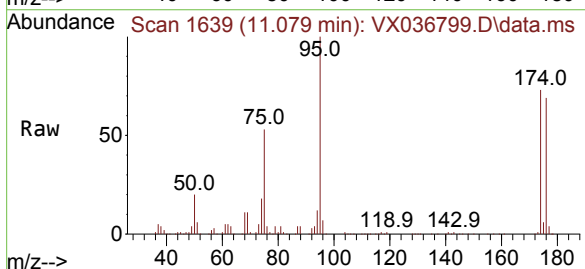
Acq: 04 Aug 2023 10:40

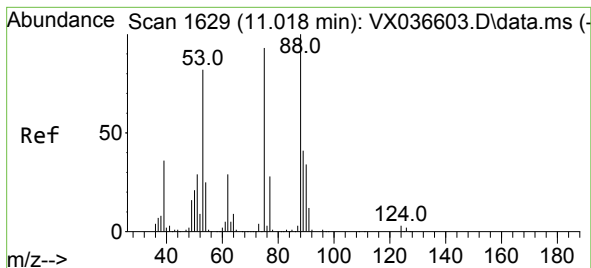
Tgt Ion: 75 Resp: 63891

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

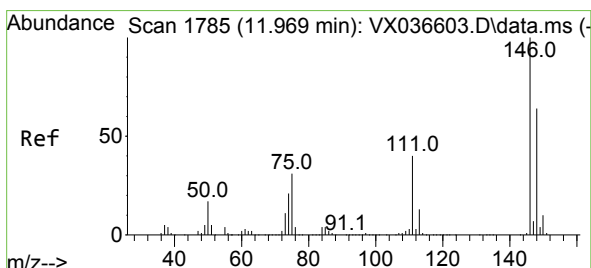
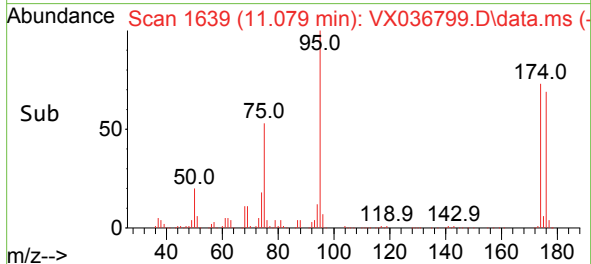
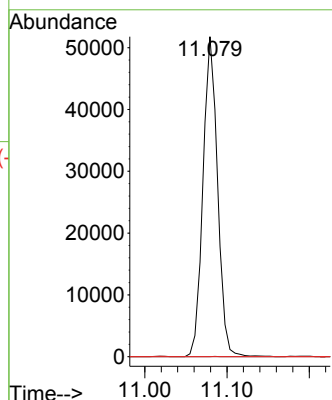
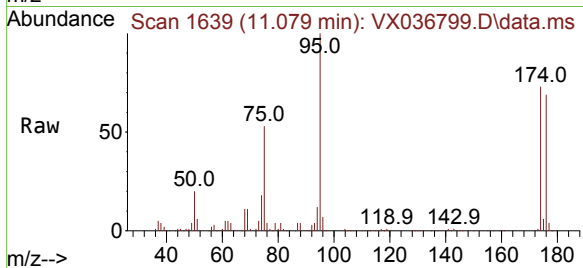




#81
trans-1,4-Dichloro-2-butene
Concen: 54.701 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

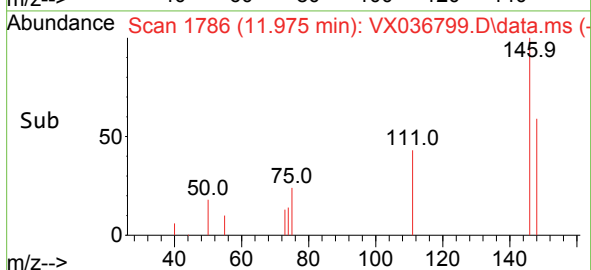
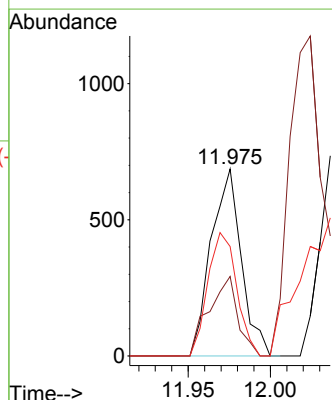
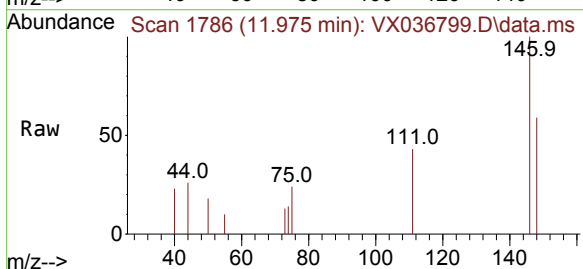
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

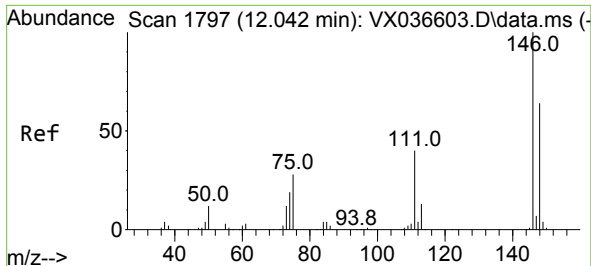
Tgt Ion: 75 Resp: 63891
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.223 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion:146 Resp: 875
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.1
148 63.3 31.8 95.3

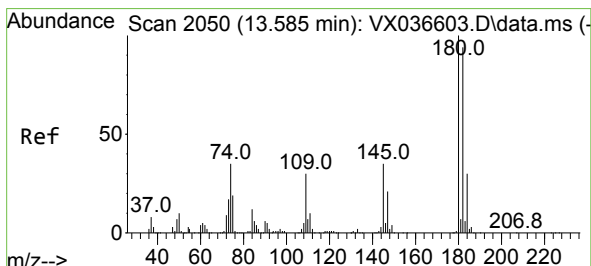
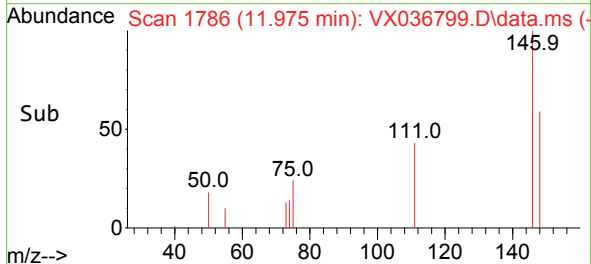
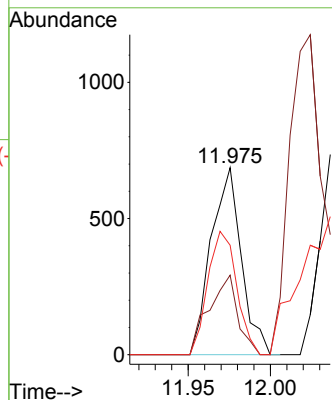
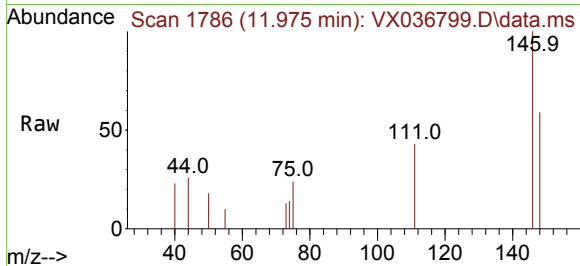




#88
1,4-Dichlorobenzene
Concen: 0.224 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

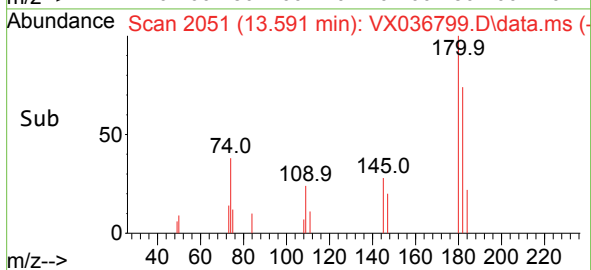
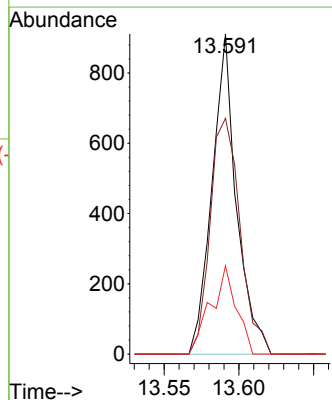
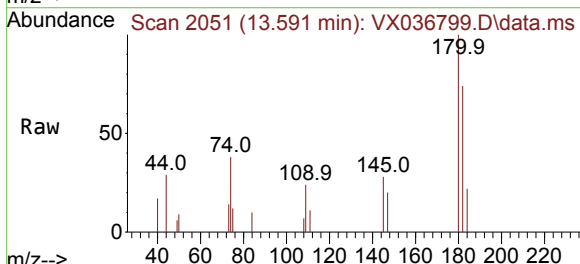
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

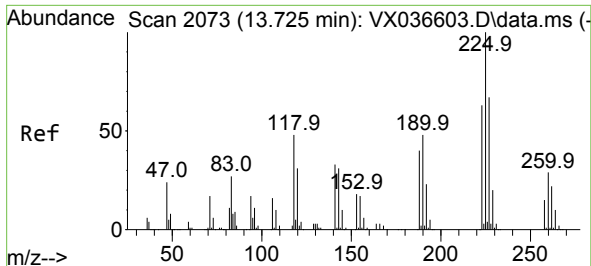
Tgt Ion:146 Resp: 875
Ion Ratio Lower Upper
146 100
111 41.1 21.3 63.7
148 63.3 31.8 95.4



#93
1,2,4-Trichlorobenzene
Concen: 0.443 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

Tgt Ion:180 Resp: 1035
Ion Ratio Lower Upper
180 100
182 90.2 48.3 144.8
145 28.7 18.0 54.0

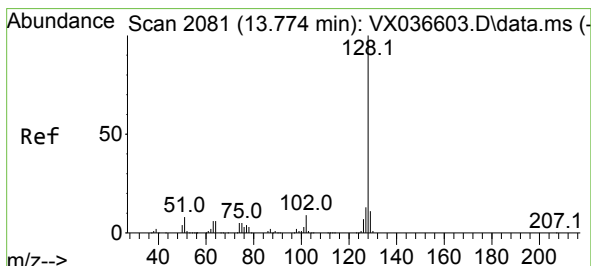
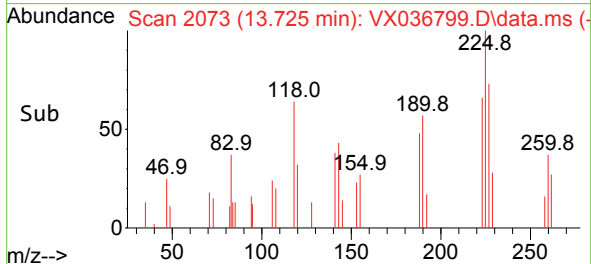
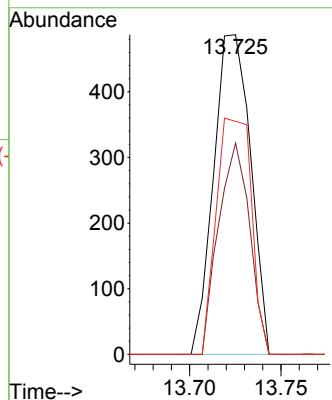
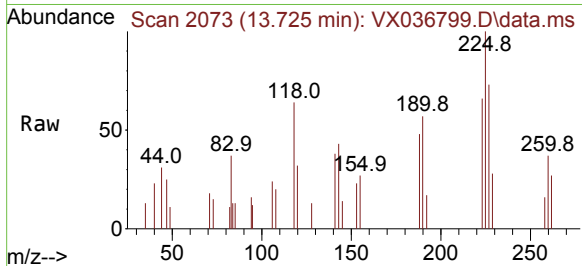




#94
Hexachlorobutadiene
Concen: 0.709 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

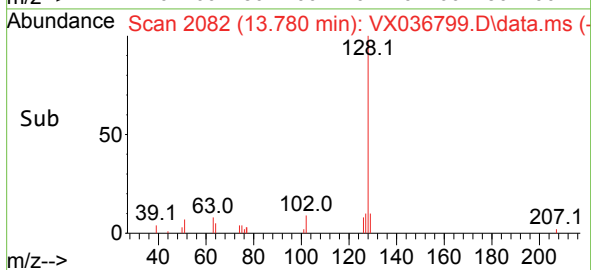
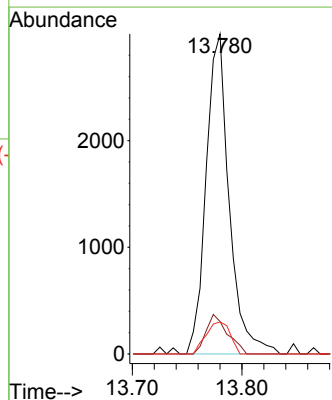
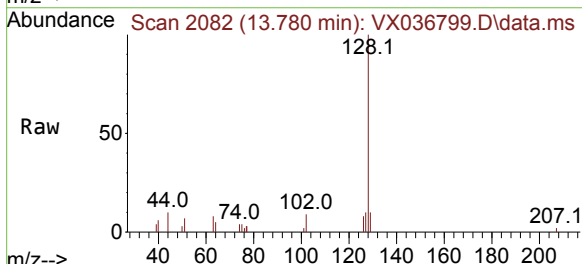
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

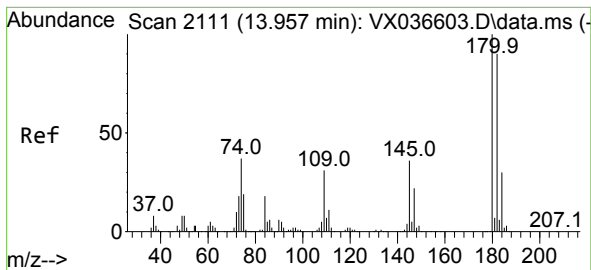
Tgt Ion:225	Resp:	685
Ion	Ratio	Lower Upper
225	100	
223	55.6	31.1 93.2
227	70.2	32.5 97.5



#95
Naphthalene
Concen: 0.539 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036799.D
Acq: 04 Aug 2023 10:40

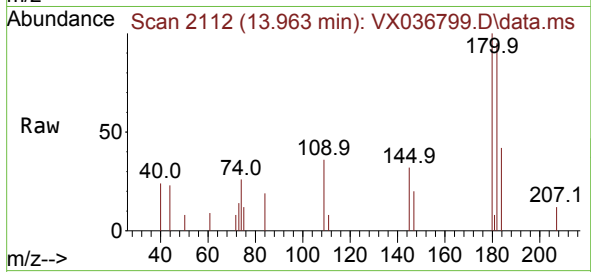
Tgt Ion:128	Resp:	4384
Ion	Ratio	Lower Upper
128	100	
127	11.5	10.3 15.5
129	10.4	8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.436 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX036799.D
 Acq: 04 Aug 2023 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804MBL01



Tgt Ion:	180	Resp:	1003
Ion	Ratio	Lower	Upper
180	100		
182	106.7	46.9	140.6
145	32.2	17.8	53.5

