

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036302.D
 Acq On : 24 Jun 2023 11:28
 Operator : JC/MD
 Sample : VX0624WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBL01

Quant Time: Jun 26 03:21:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

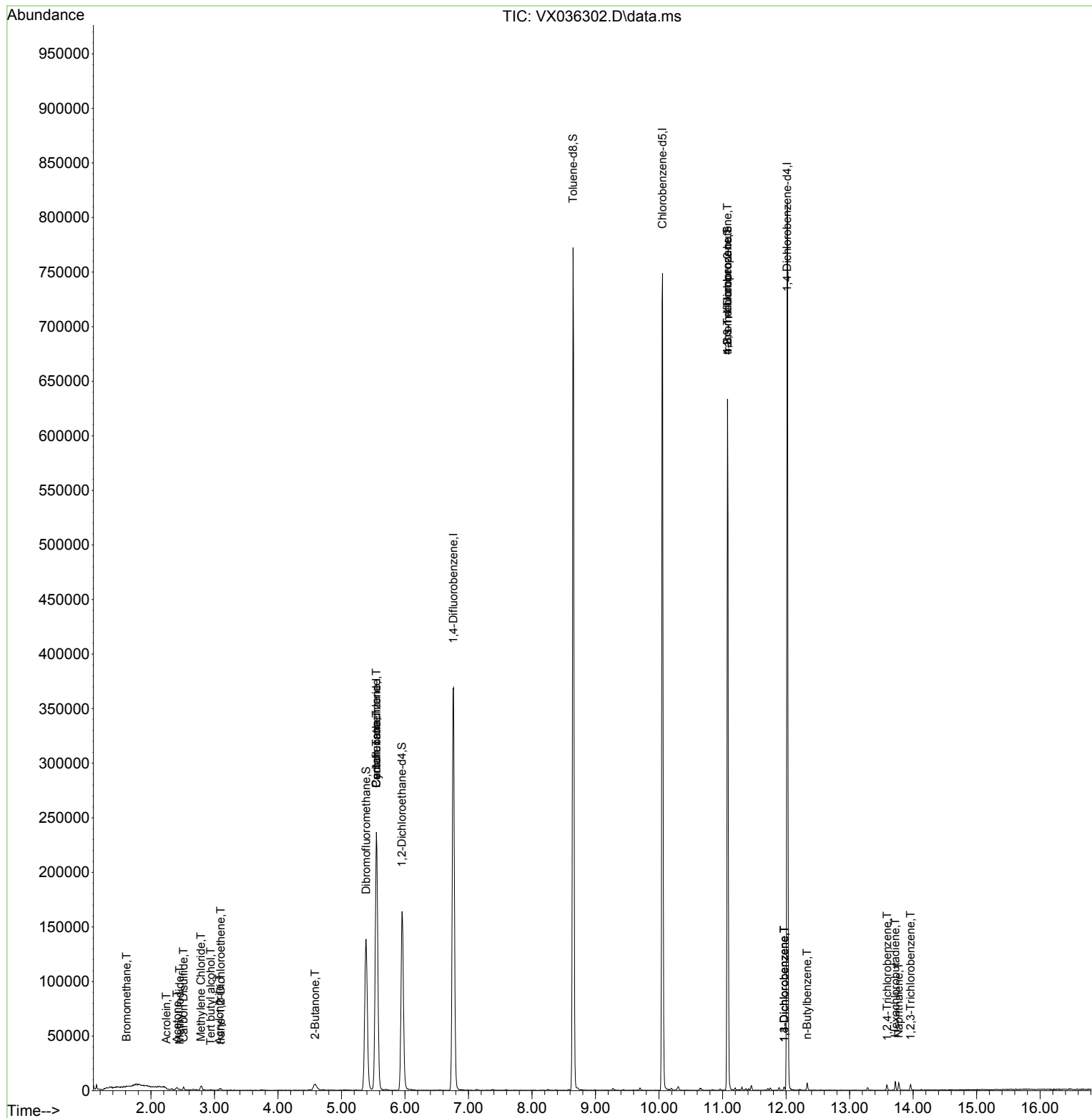
Internal Standards						
1) Pentafluorobenzene	5.550	168	216442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	376308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	161889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157743	50.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.680%			
35) Dibromofluoromethane	5.385	113	122647	49.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.860%			
50) Toluene-d8	8.647	98	463835	50.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	164035	50.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.500%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	662	0.233	ug/l	96
10) Methyl Iodide	2.453	142	603	0.201	ug/l #	70
11) Tert butyl alcohol	2.940	59	335	0.593	ug/l #	78
13) Acrolein	2.239	56	575	0.741	ug/l	86
15) Acrylonitrile	3.081	53	712	0.497	ug/l #	82
16) Acetone	2.410	43	3649	2.752	ug/l #	82
17) Carbon Disulfide	2.514	76	3103	0.514	ug/l #	69
20) Methylene Chloride	2.788	84	1886	0.661	ug/l #	83
21) trans-1,2-Dichloroethene	3.099	96	572	0.218	ug/l #	63
25) 2-Butanone	4.587	43	910	0.478	ug/l #	51
31) Cyclohexane	5.550	56	5223	1.314	ug/l #	15
38) Carbon Tetrachloride	5.550	117	23015	6.813	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	86633	25.088	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	86633	81.781	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	1210	0.219	ug/l	89
88) 1,4-Dichlorobenzene	11.969	146	1210	0.215	ug/l	90
89) n-Butylbenzene	12.329	91	2030	0.217	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	1347	0.403	ug/l	98
94) Hexachlorobutadiene	13.719	225	1138	0.831	ug/l	84
95) Naphthalene	13.774	128	5008	0.453	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1539	0.472	ug/l	95

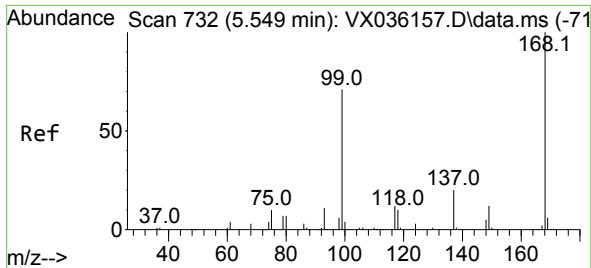
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
Data File : VX036302.D
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Sample : VX0624WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

Quant Time: Jun 26 03:21:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

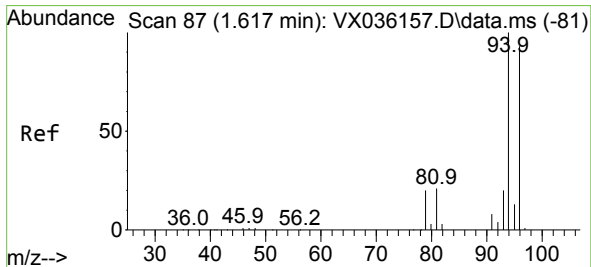
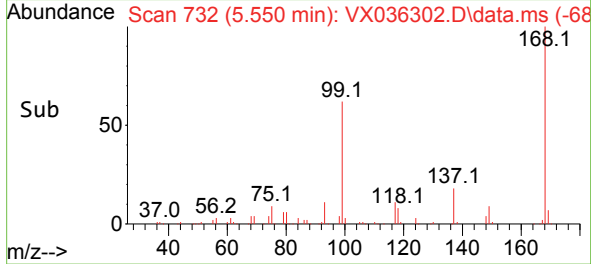
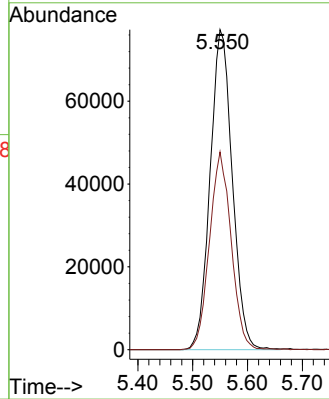
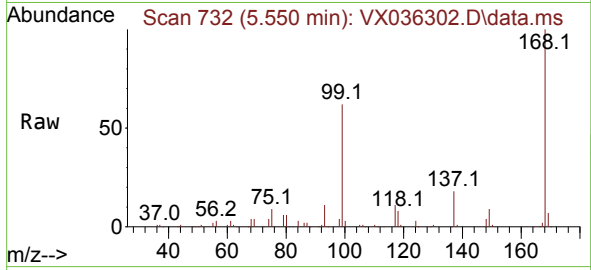




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

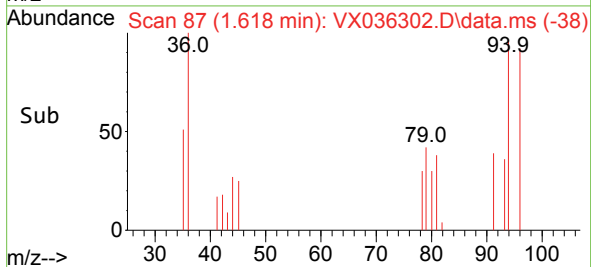
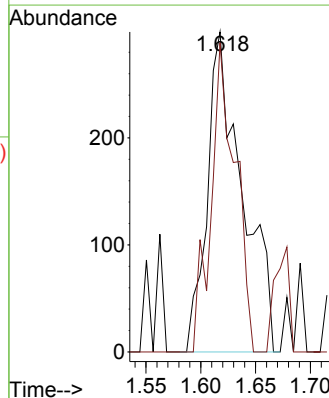
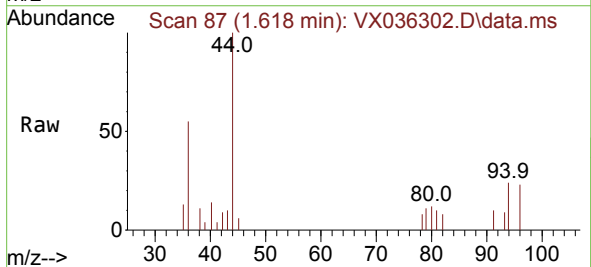
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

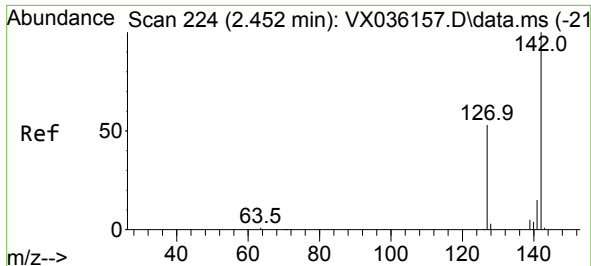
Tgt Ion:168 Resp: 216442
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.001 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

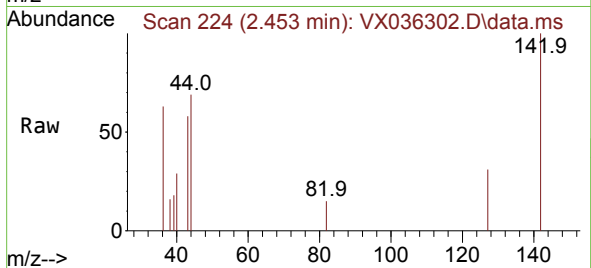
Tgt Ion: 94 Resp: 662
Ion Ratio Lower Upper
94 100
96 96.7 74.6 111.8



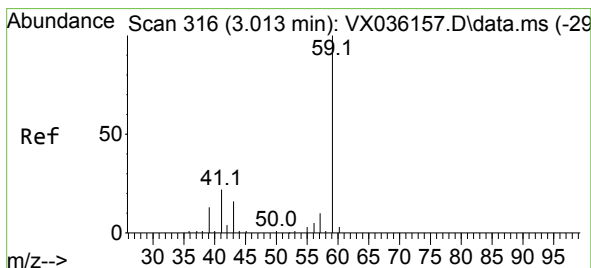
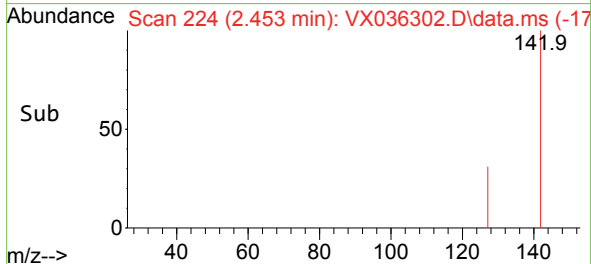
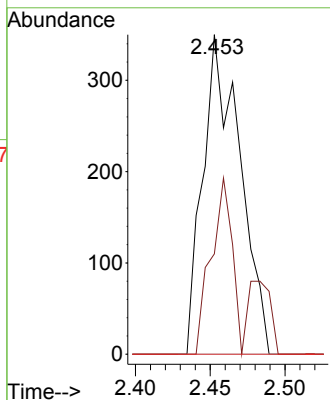


#10
Methyl Iodide
Concen: 0.201 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

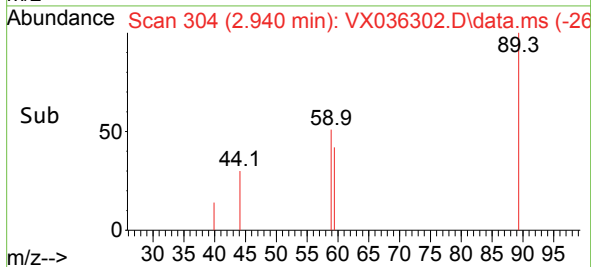
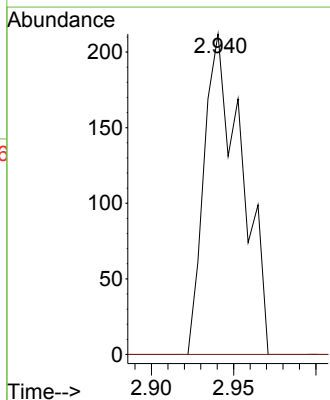
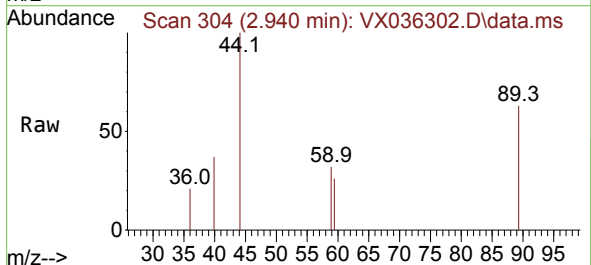


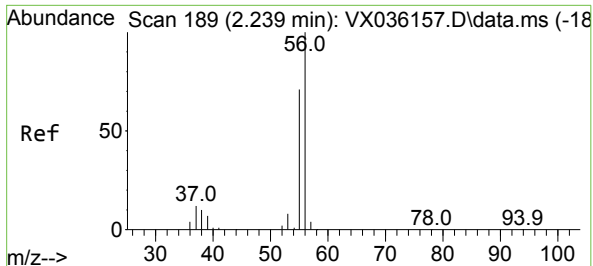
Tgt Ion:142 Resp: 603
Ion Ratio Lower Upper
142 100
127 31.5 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.593 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.073 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

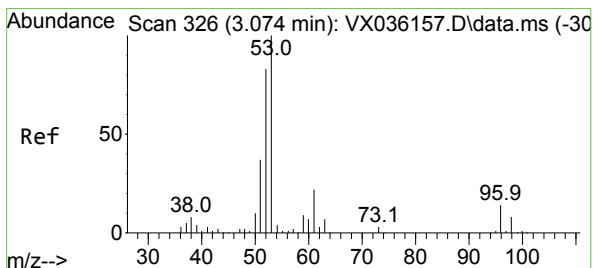
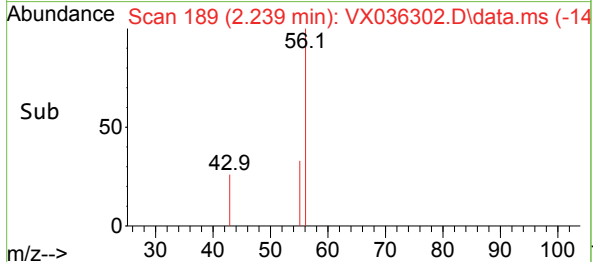
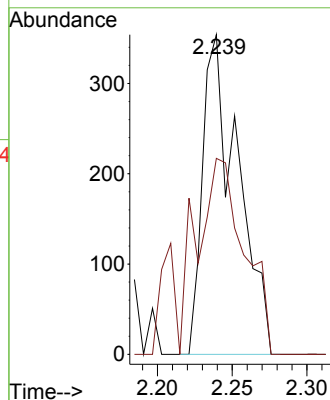
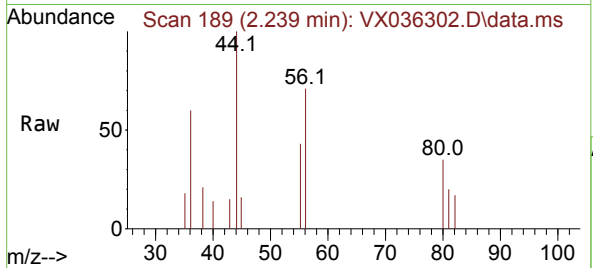




#13
Acrolein
Concen: 0.741 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

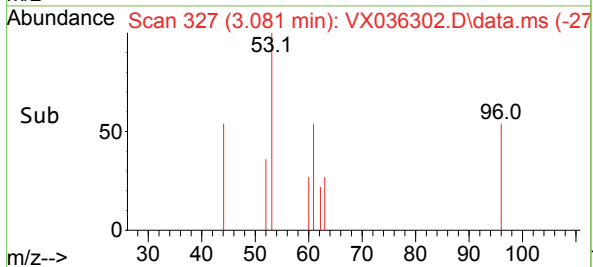
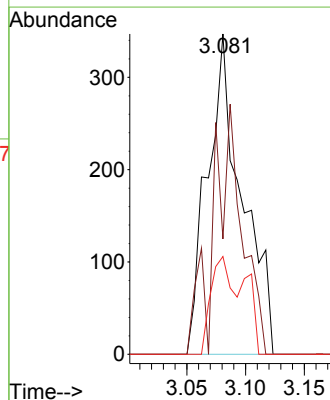
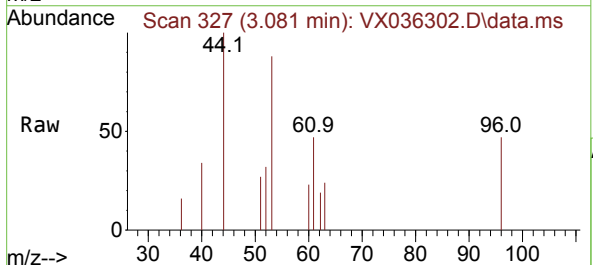
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

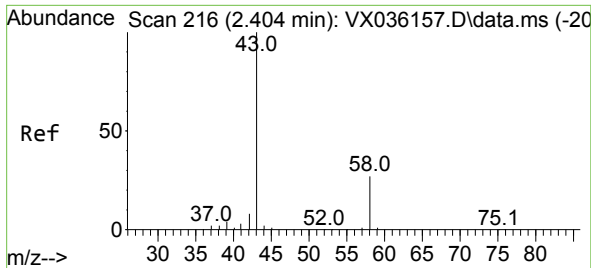
Tgt Ion: 56 Resp: 575
Ion Ratio Lower Upper
56 100
55 83.1 57.1 85.7



#15
Acrylonitrile
Concen: 0.497 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.007 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion: 53 Resp: 712
Ion Ratio Lower Upper
53 100
52 65.2 66.0 99.0#
51 28.7 29.8 44.6#

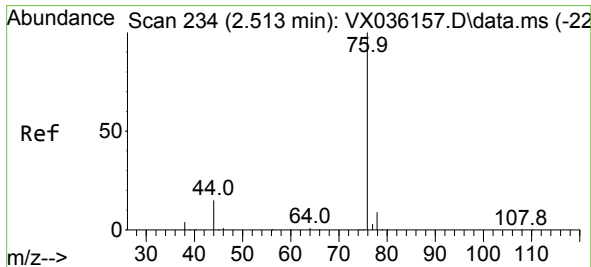
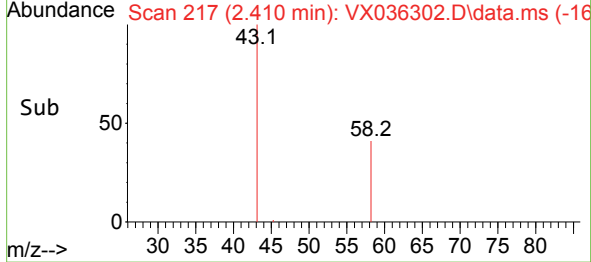
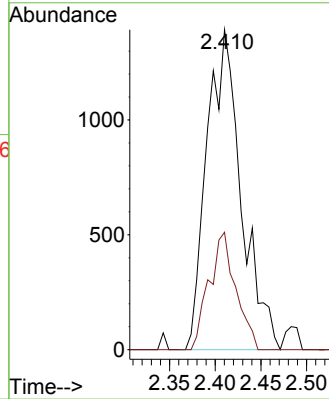
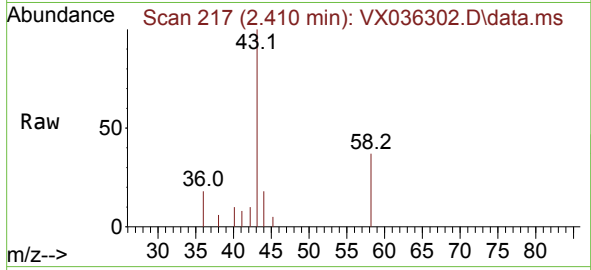




#16
Acetone
Concen: 2.752 ug/l
RT: 2.410 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

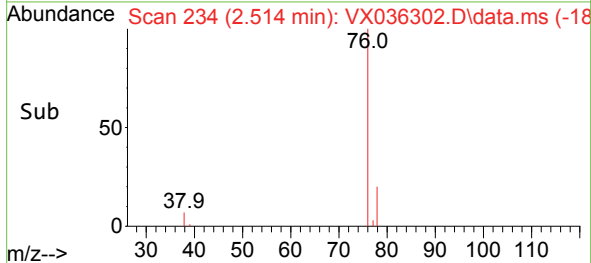
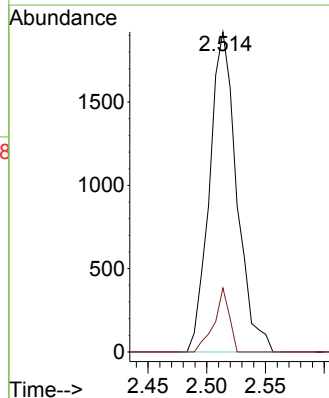
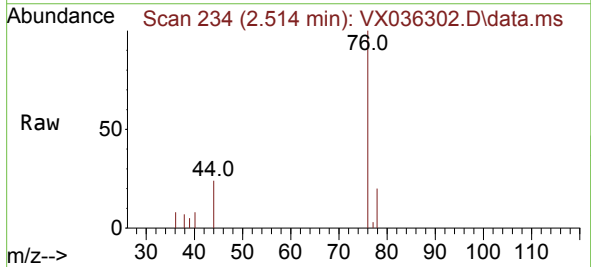
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

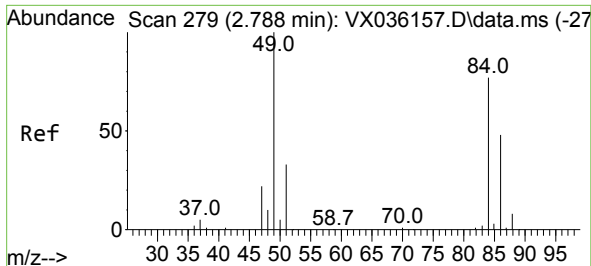
Tgt Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
58 36.7 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.514 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion: 76 Resp: 3103
Ion Ratio Lower Upper
76 100
78 20.0 7.0 10.6#

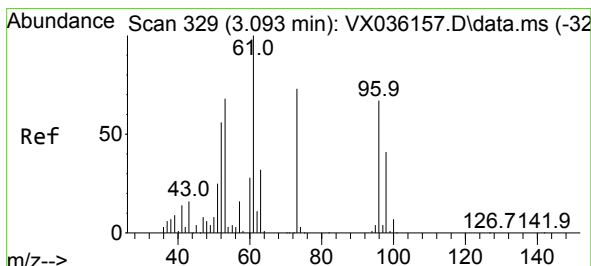
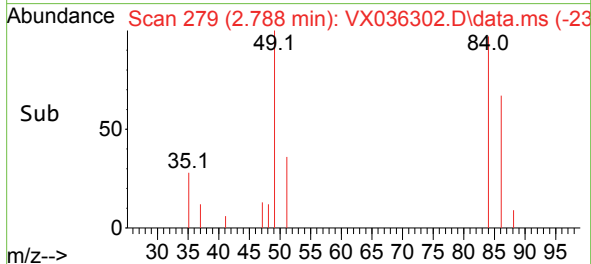
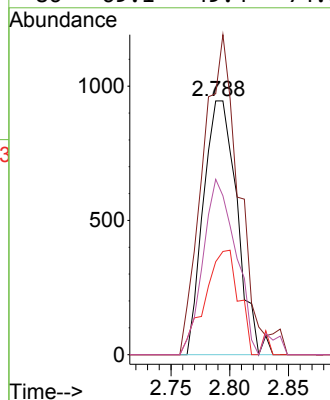
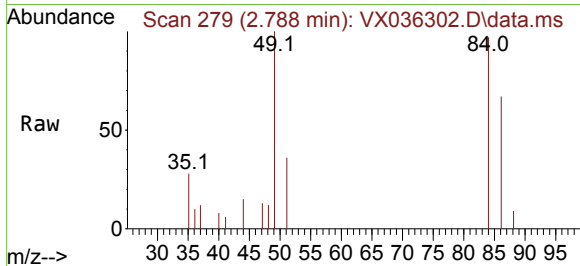




#20
Methylene Chloride
Concen: 0.661 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

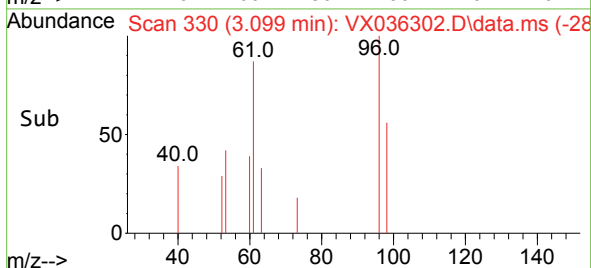
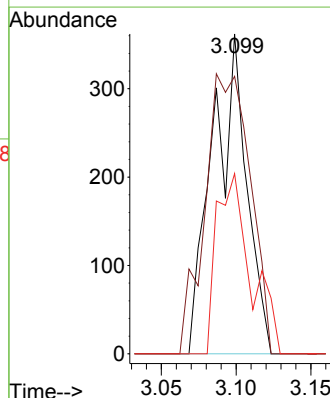
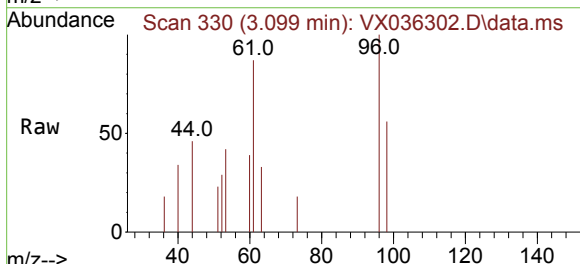
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

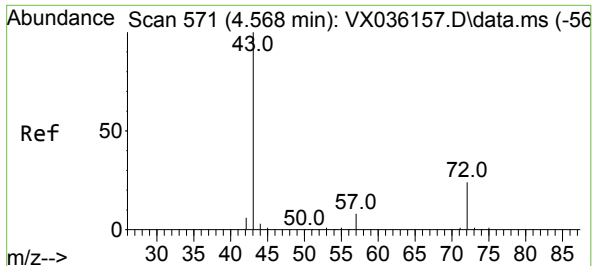
Tgt Ion:	84	Resp:	1886
Ion	Ratio	Lower	Upper
84	100		
49	102.9	103.6	155.4#
51	36.6	33.8	50.6
86	69.1	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion:	96	Resp:	572
Ion	Ratio	Lower	Upper
96	100		
61	86.7	119.2	178.8#
98	56.4	48.7	73.1

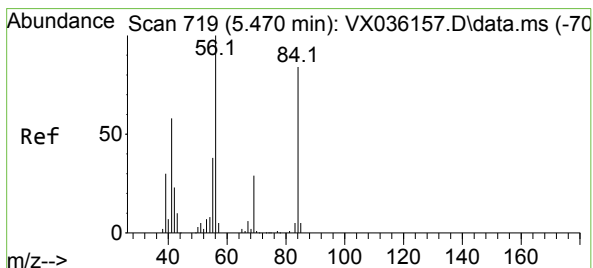
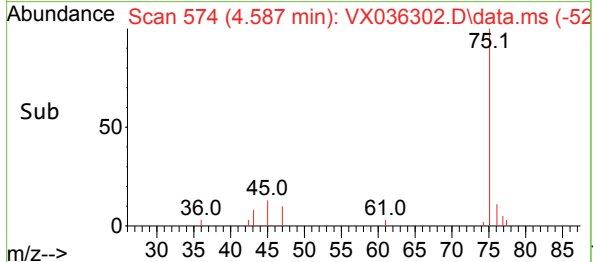
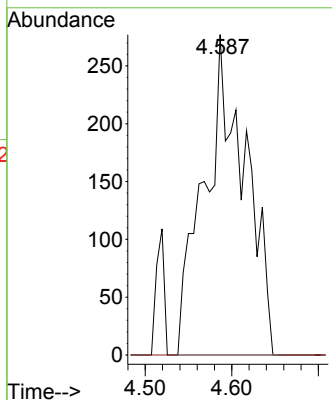
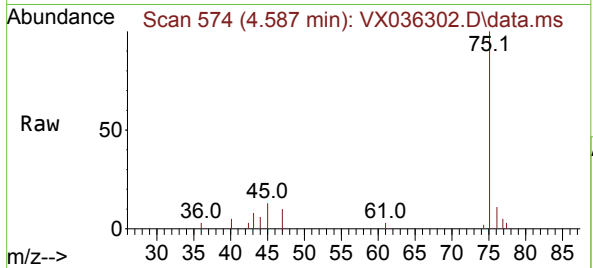




#25
2-Butanone
Concen: 0.478 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

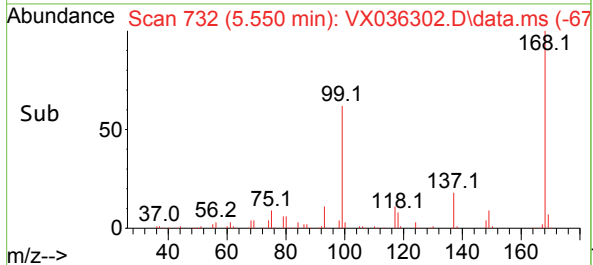
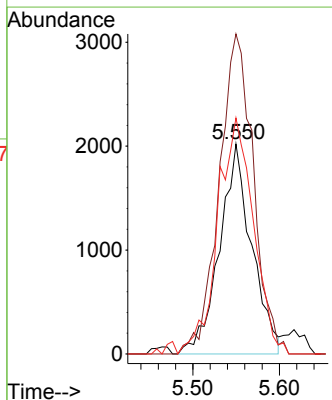
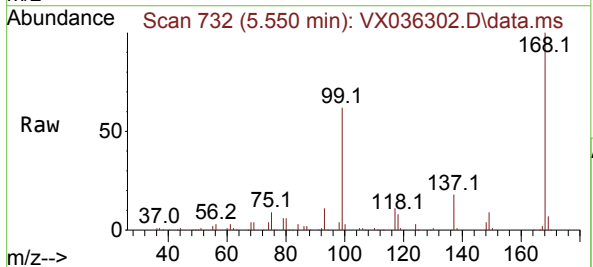
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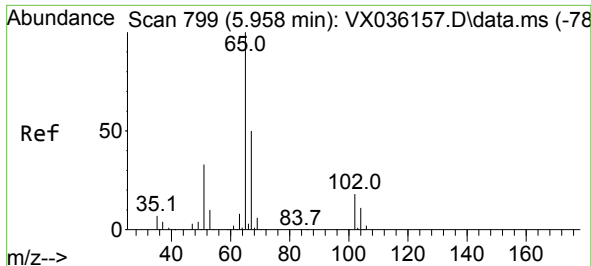
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion: 56 Resp: 5223
Ion Ratio Lower Upper
56 100
69 152.5 23.4 35.2#
84 112.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.843 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036302.D

Acq: 24 Jun 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

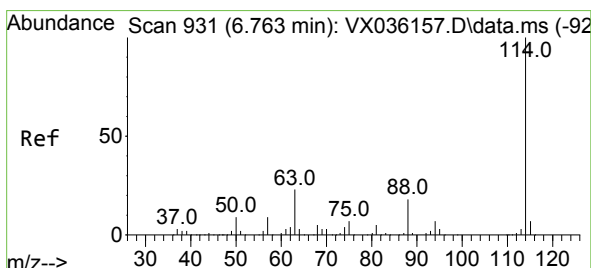
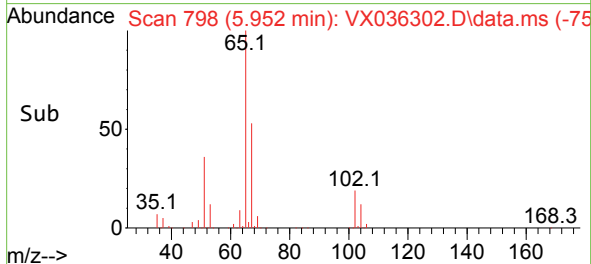
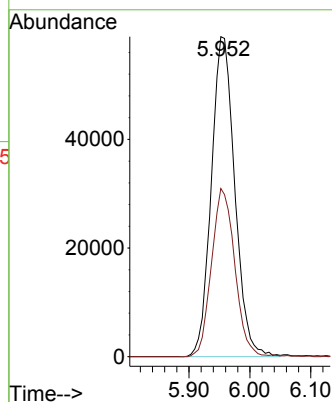
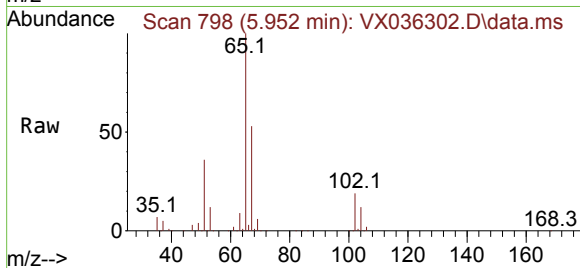
VX0624WBL01

Tgt Ion: 65 Resp: 157743

Ion Ratio Lower Upper

65 100

67 52.0 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: VX036302.D

Acq: 24 Jun 2023 11:28

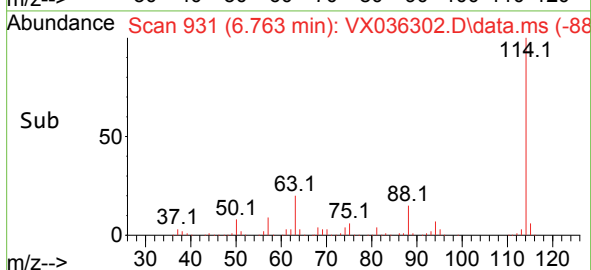
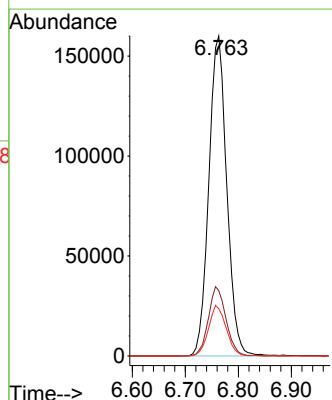
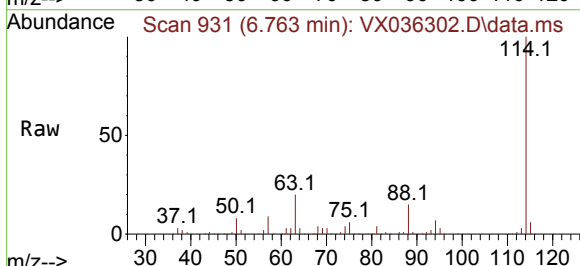
Tgt Ion: 114 Resp: 376308

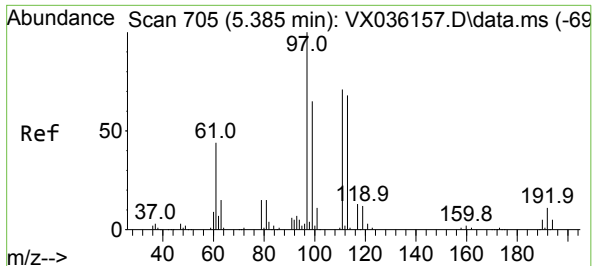
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 14.8 0.0 36.6

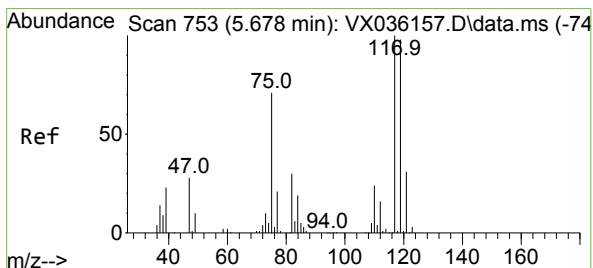
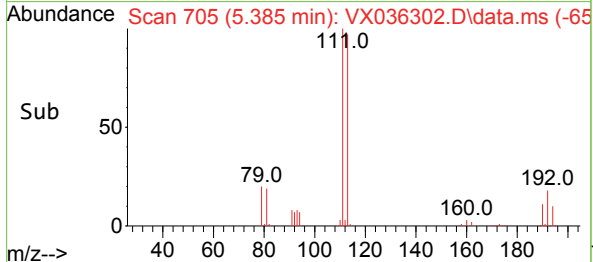
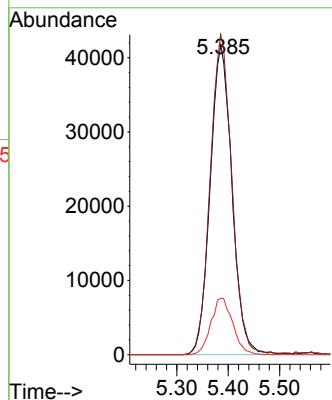
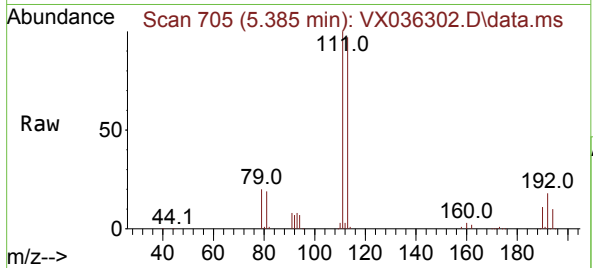




#35
Dibromofluoromethane
Concen: 49.429 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

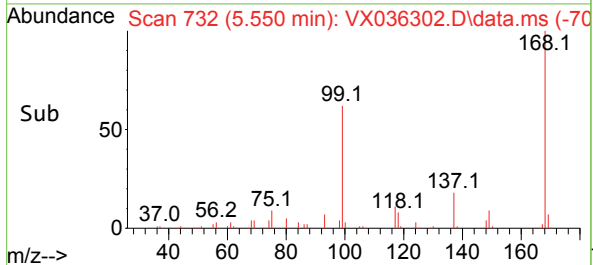
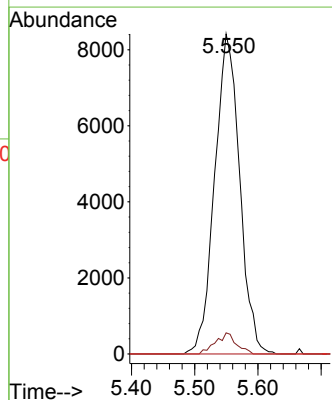
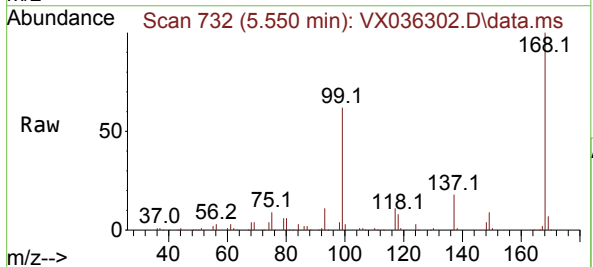
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

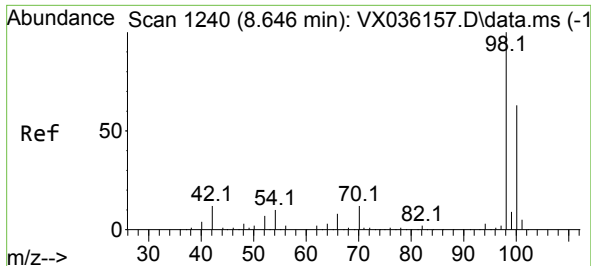
Tgt Ion:113 Resp: 122647
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.3 13.3 19.9



#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion:117 Resp: 23015
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.049 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036302.D

Acq: 24 Jun 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

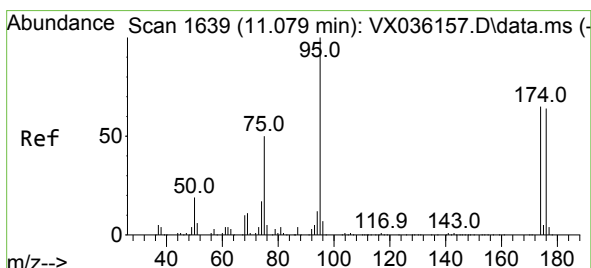
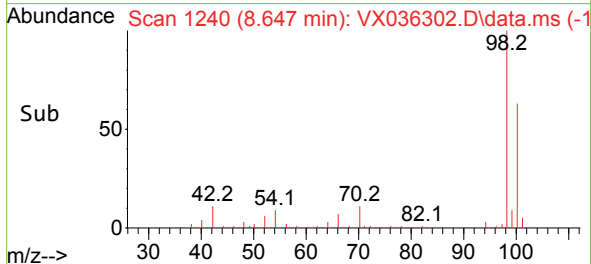
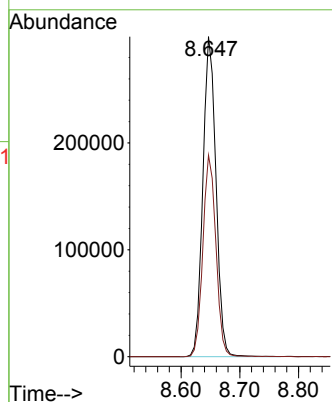
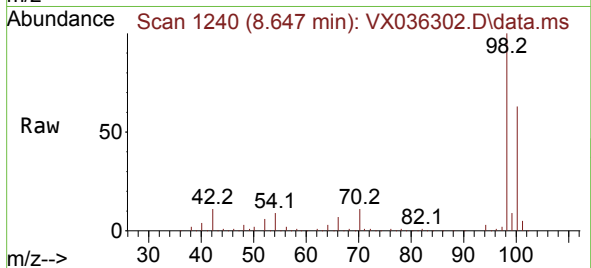
VX0624WBL01

Tgt Ion: 98 Resp: 463835

Ion Ratio Lower Upper

98 100

100 62.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.251 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036302.D

Acq: 24 Jun 2023 11:28

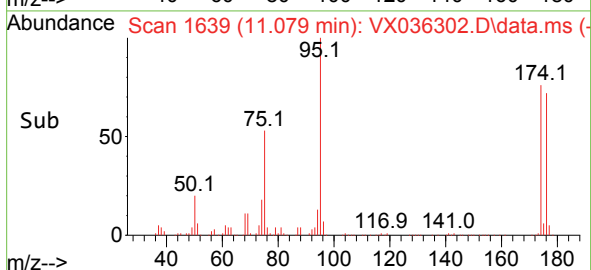
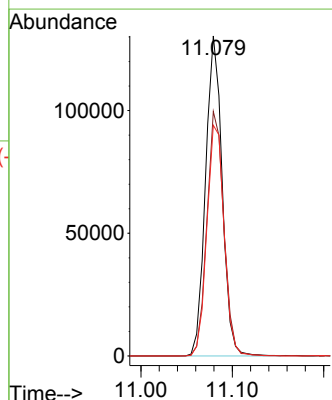
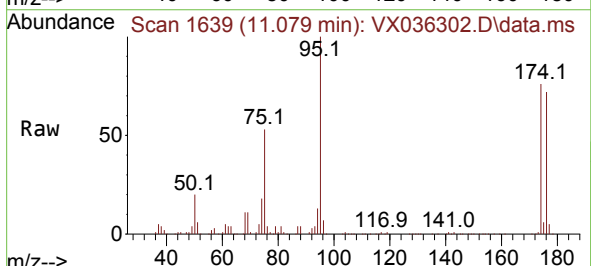
Tgt Ion: 95 Resp: 164035

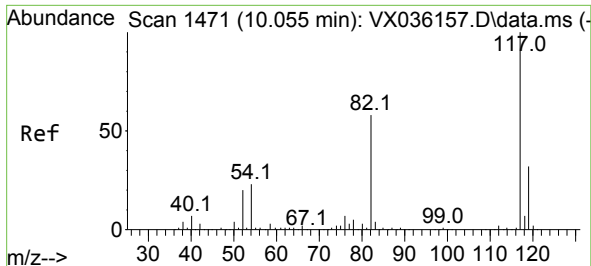
Ion Ratio Lower Upper

95 100

174 77.9 0.0 135.6

176 75.0 0.0 131.0

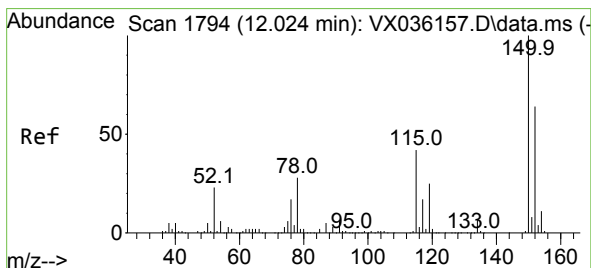
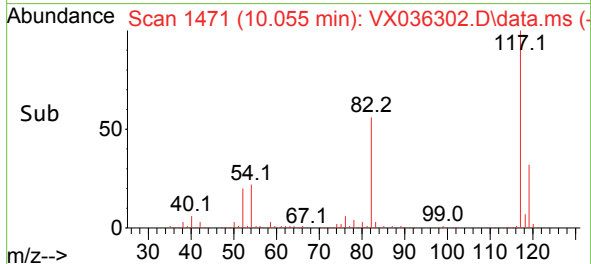
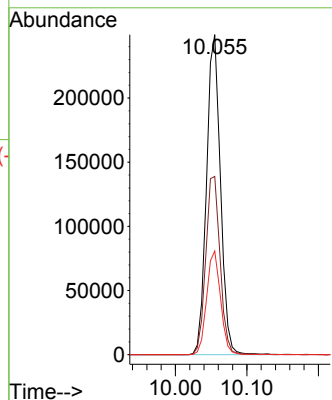
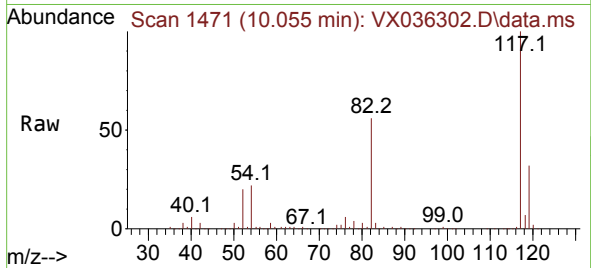




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

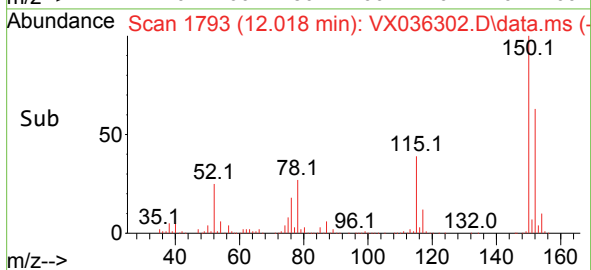
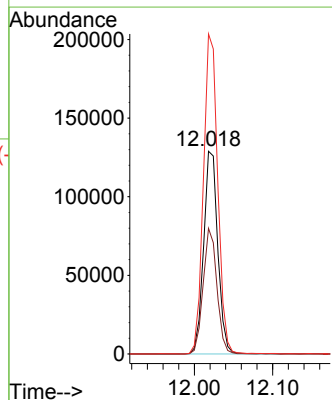
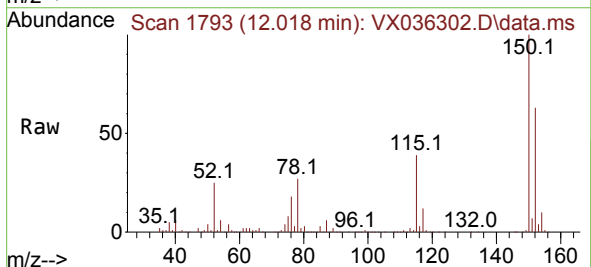
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

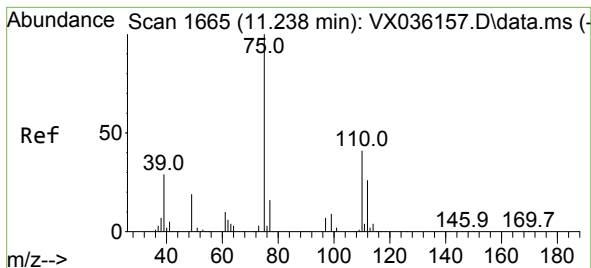
Tgt Ion:117 Resp: 338001
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion:152 Resp: 161889
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 159.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.088 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036302.D

Acq: 24 Jun 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

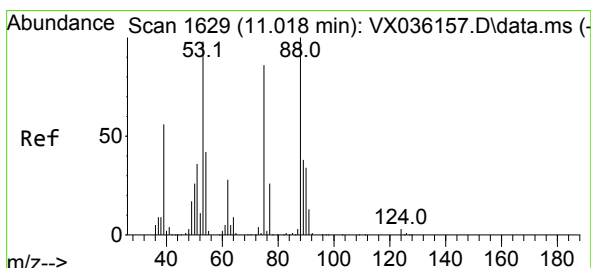
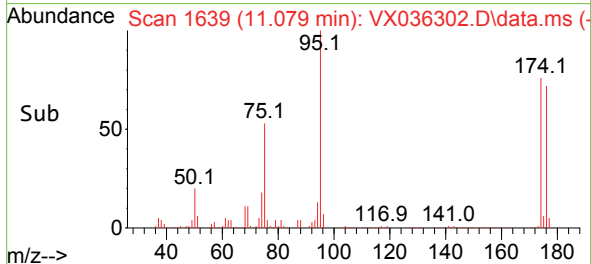
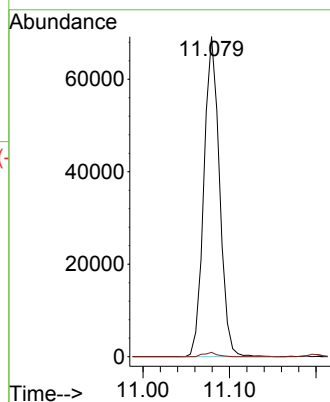
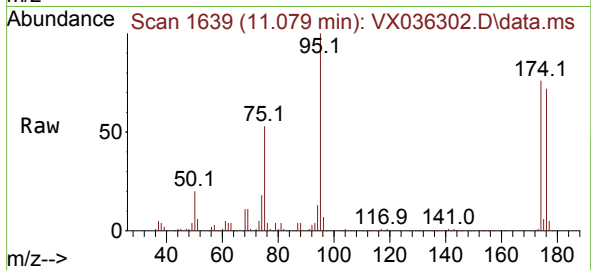
VX0624WBL01

Tgt Ion: 75 Resp: 86633

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.781 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036302.D

Acq: 24 Jun 2023 11:28

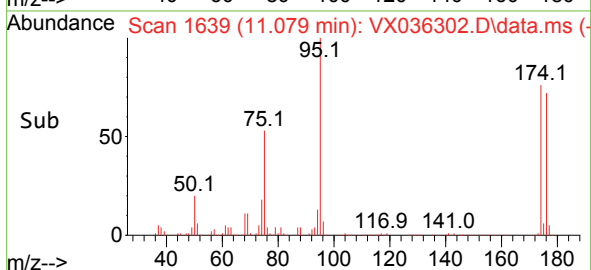
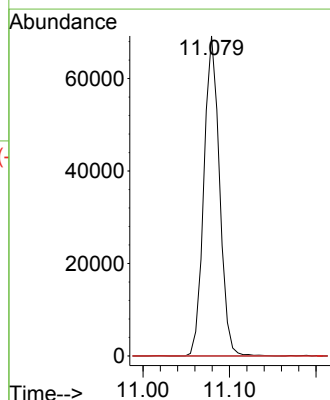
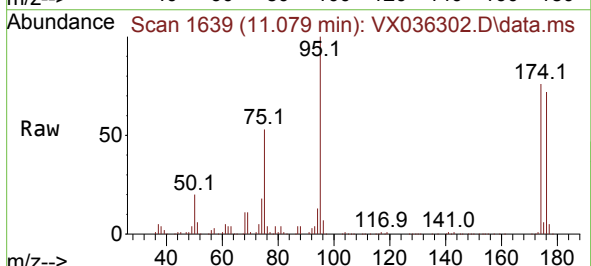
Tgt Ion: 75 Resp: 86633

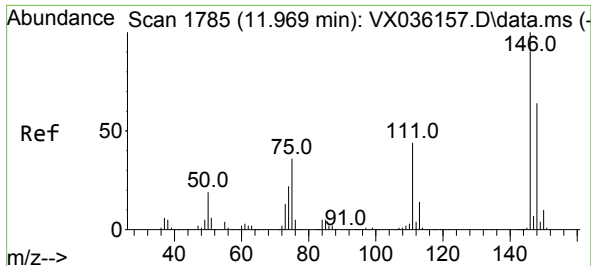
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.219 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036302.D

Acq: 24 Jun 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBL01

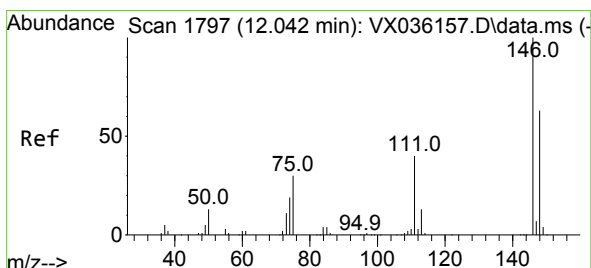
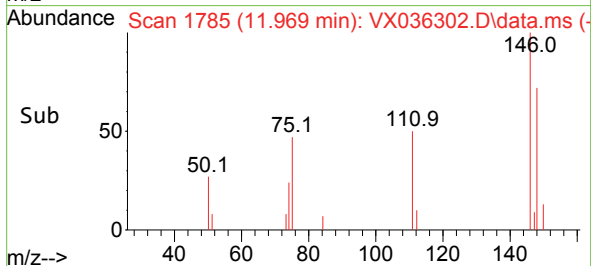
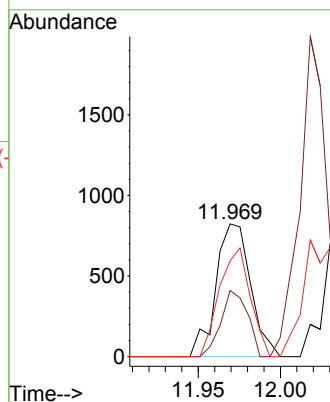
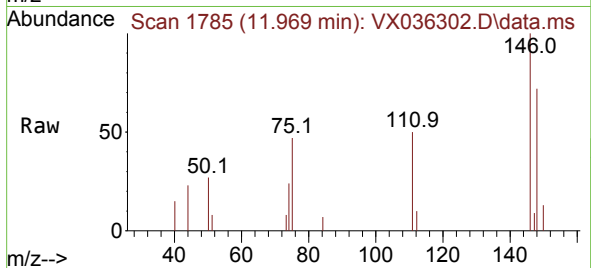
Tgt Ion:146 Resp: 1210

Ion Ratio Lower Upper

146 100

111 38.2 22.1 66.1

148 72.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.215 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX036302.D

Acq: 24 Jun 2023 11:28

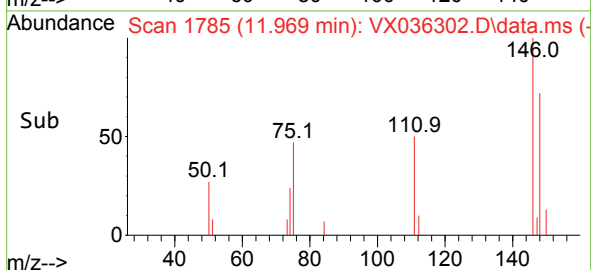
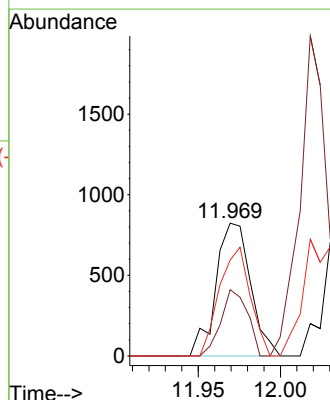
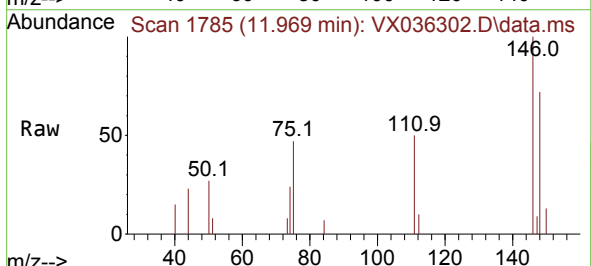
Tgt Ion:146 Resp: 1210

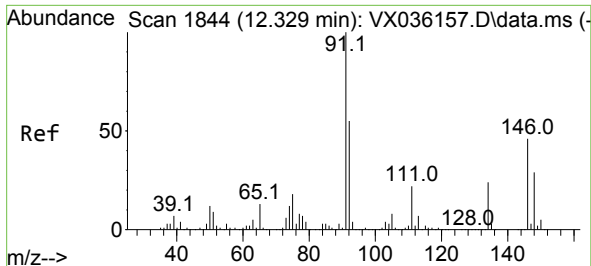
Ion Ratio Lower Upper

146 100

111 38.2 21.3 63.7

148 72.8 31.8 95.4

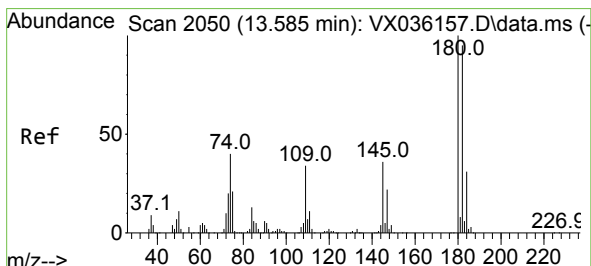
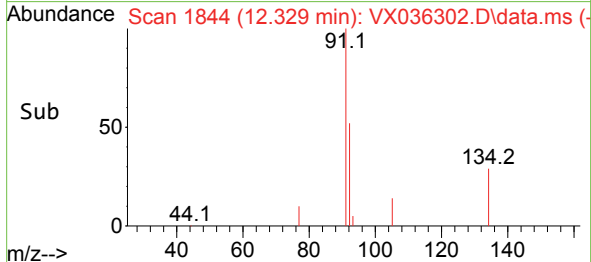
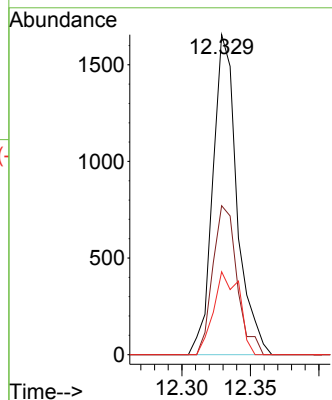
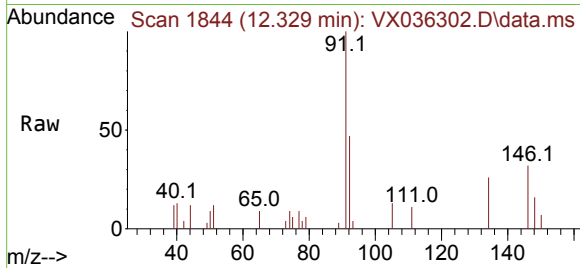




#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

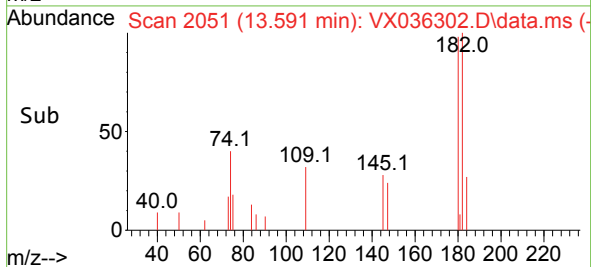
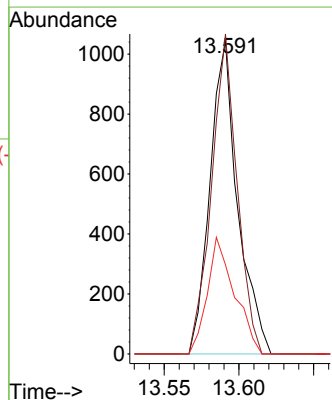
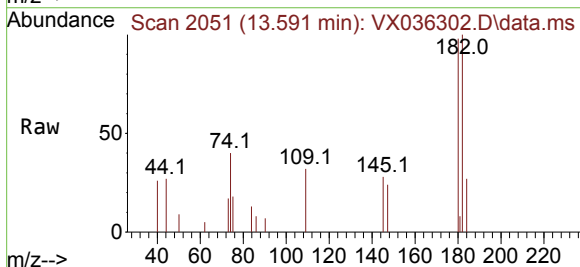
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

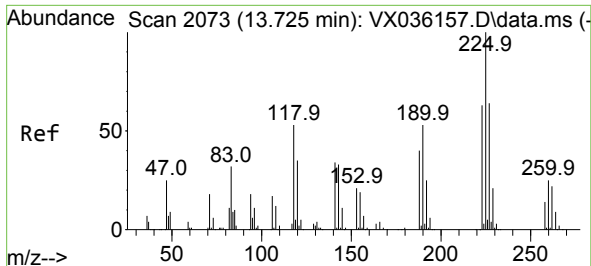
Tgt Ion: 91	Resp:	2030
Ion	Ratio	Lower Upper
91	100	
92	46.7	27.4 82.0
134	27.6	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.403 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion: 180	Resp:	1347
Ion	Ratio	Lower Upper
180	100	
182	94.0	48.3 144.8
145	36.5	18.0 54.0

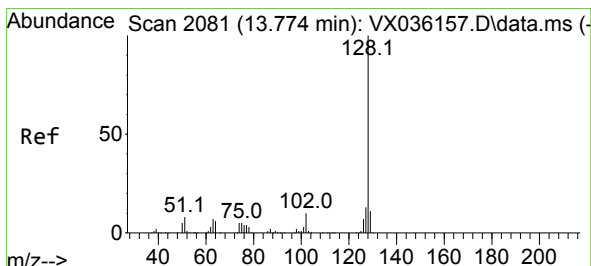
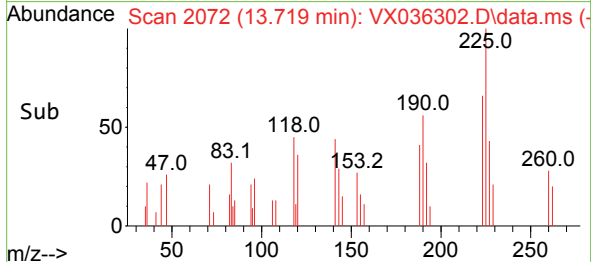
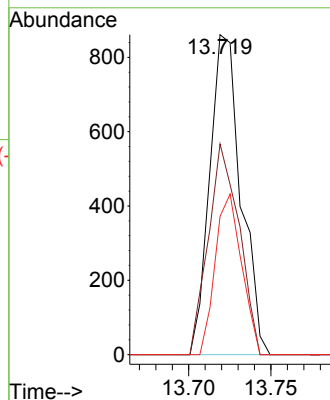
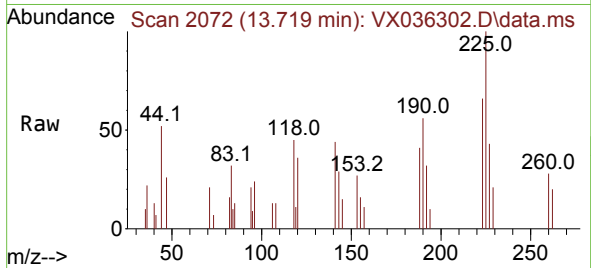




#94
Hexachlorobutadiene
Concen: 0.831 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

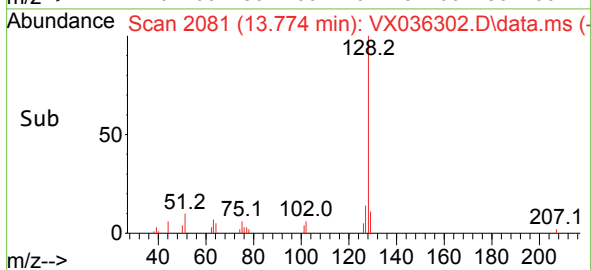
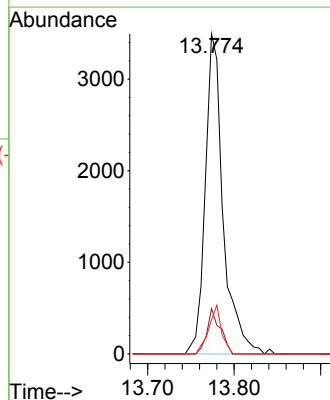
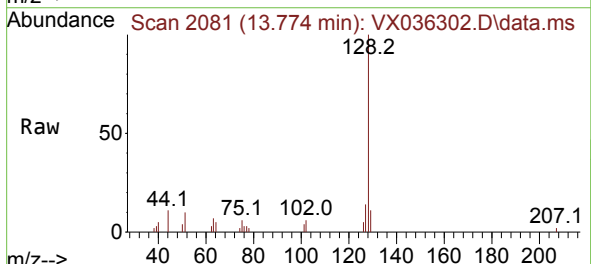
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

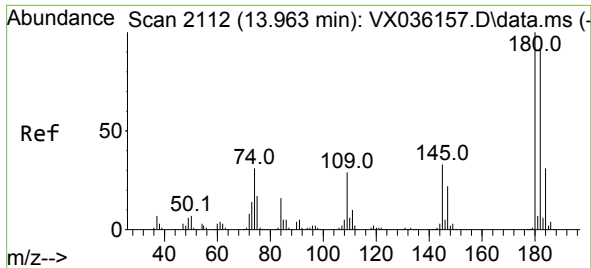
Tgt Ion:225 Resp: 1138
Ion Ratio Lower Upper
225 100
223 64.8 31.1 93.2
227 42.4 32.5 97.5



#95
Naphthalene
Concen: 0.453 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036302.D
Acq: 24 Jun 2023 11:28

Tgt Ion:128 Resp: 5008
Ion Ratio Lower Upper
128 100
127 10.5 10.3 15.5
129 10.8 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.472 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036302.D

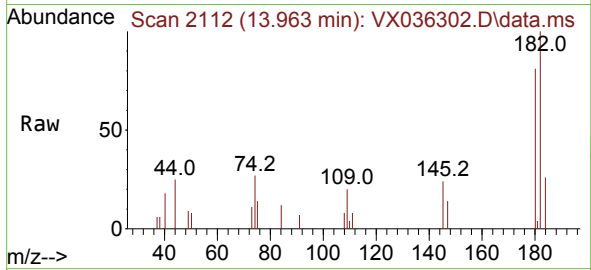
Acq: 24 Jun 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBL01



Tgt Ion:180 Resp: 1539

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 27.3 17.8 53.5

