

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022700.D
 Acq On : 15 Jun 2021 15:36
 Operator : JC/MD
 Sample : VX0615MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615MBL01

Quant Time: Jun 16 05:26:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

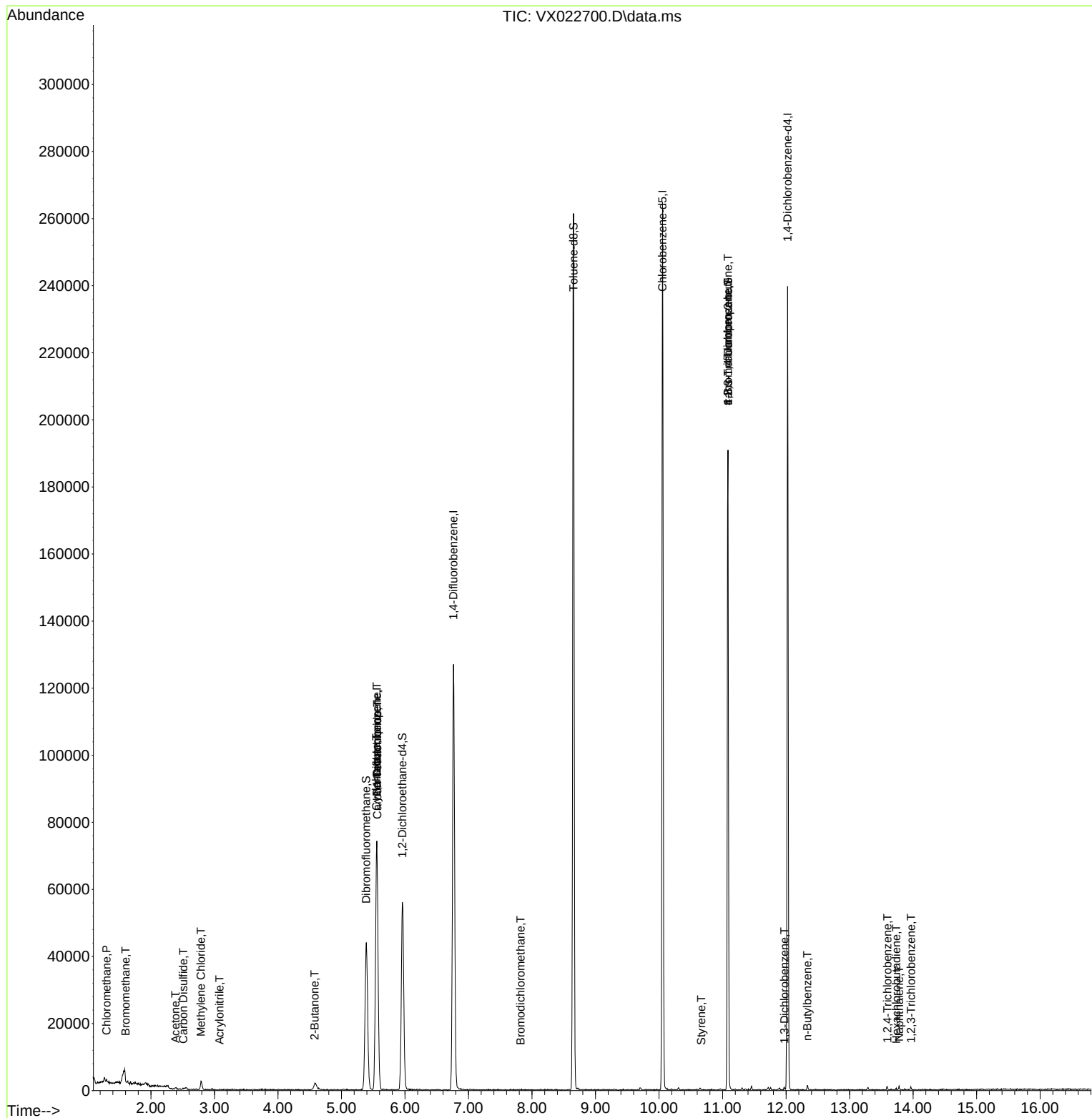
Internal Standards						
1) Pentafluorobenzene	5.556	168	60704	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	122218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51310	47.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.00%		
35) Dibromofluoromethane	5.385	113	37700	48.35	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.70%		
50) Toluene-d8	8.653	98	151941	49.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.085	95	51652	44.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.86%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	227	0.26	ug/l #	84
5) Bromomethane	1.599	94	103	0.22	ug/l	97
15) Acrylonitrile	3.081	53	130	0.26	ug/l #	18
16) Acetone	2.386	43	637	1.30	ug/l #	40
17) Carbon Disulfide	2.508	76	475	0.29	ug/l #	75
20) Methylene Chloride	2.788	84	1264	1.07	ug/l #	86
25) 2-Butanone	4.574	43	166	0.21	ug/l #	45
31) Cyclohexane	5.550	56	1934	1.47	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	6288	5.16	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7646	7.34	ug/l #	15
47) Bromodichloromethane	7.818	83	27	2.70	ug/l #	25
70) Styrene	10.665	104	162	1.51	ug/l #	51
76) 1,2,3-Trichloropropane	11.085	75	28372	25.32	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28372	63.68	ug/l #	12
87) 1,3-Dichlorobenzene	11.975	146	284	0.20	ug/l	94
89) n-Butylbenzene	12.335	91	577	0.21	ug/l	91
93) 1,2,4-Trichlorobenzene	13.597	180	290	0.35	ug/l	80
94) Hexachlorobutadiene	13.737	225	131	0.44	ug/l	89
95) Naphthalene	13.780	128	753	1.68	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.969	180	273	0.34	ug/l #	87

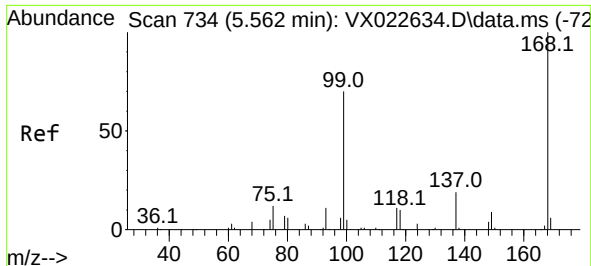
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
Data File : VX022700.D
Acq On : 15 Jun 2021 15:36
Operator : JC/MD
Sample : VX0615MBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

Quant Time: Jun 16 05:26:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

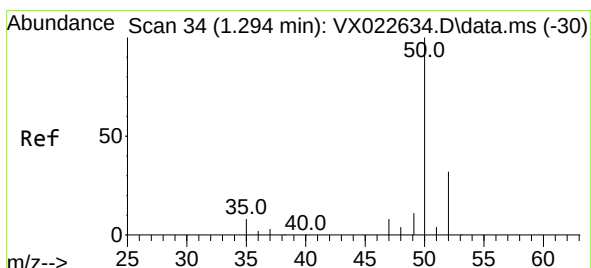
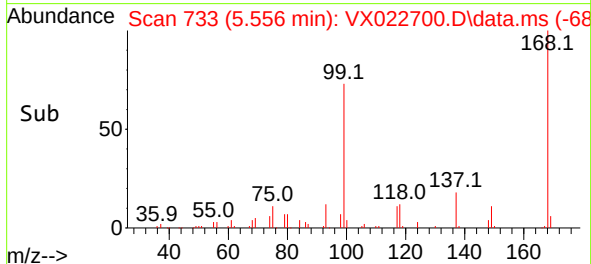
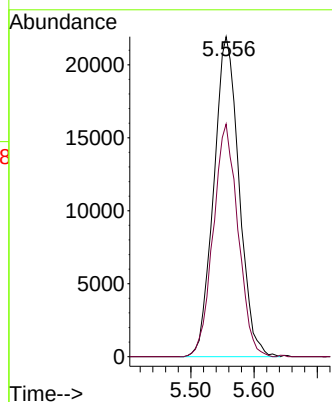
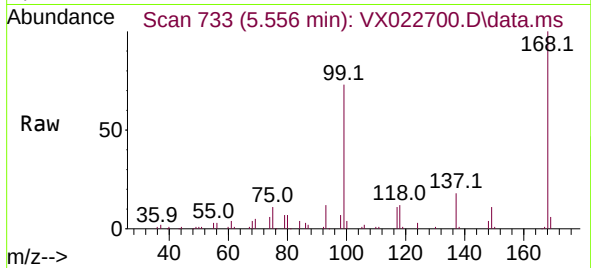




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

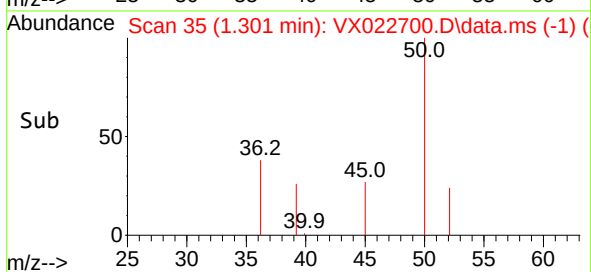
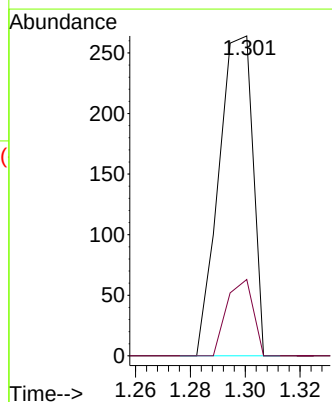
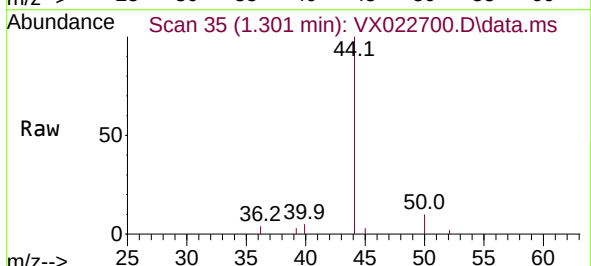
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

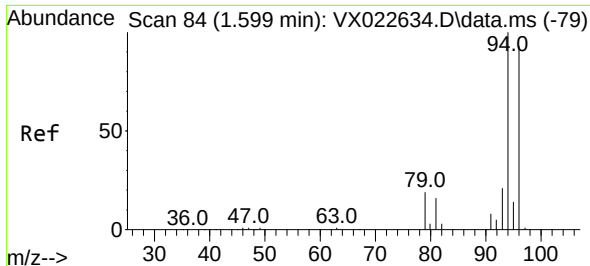
Tgt Ion:168 Resp: 60704
Ion Ratio Lower Upper
168 100
99 72.7 45.8 68.6#



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 23.9 26.4 39.6#

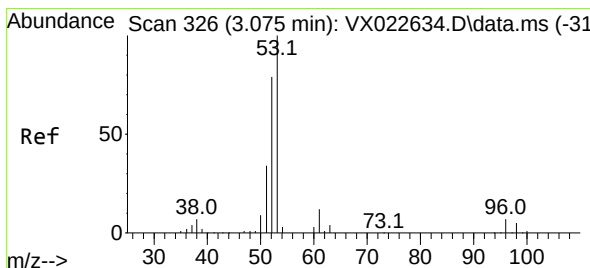
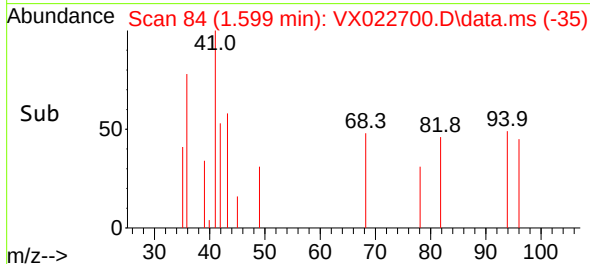
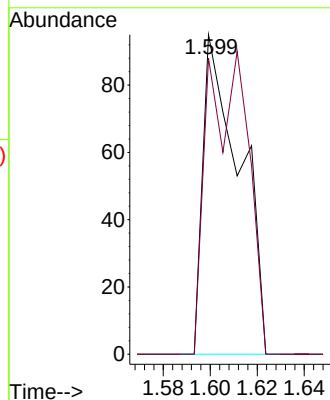
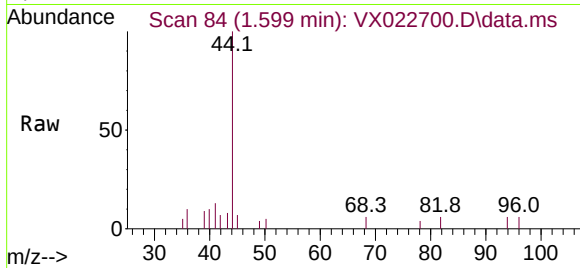




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

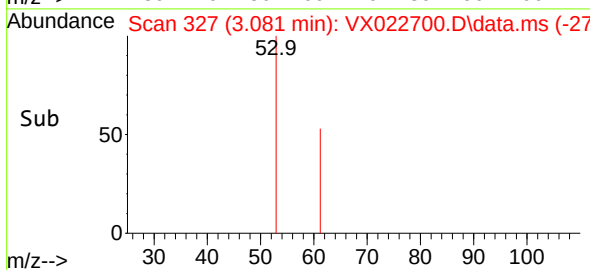
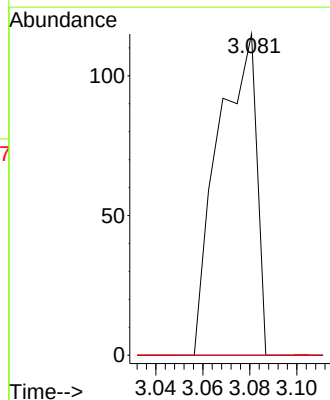
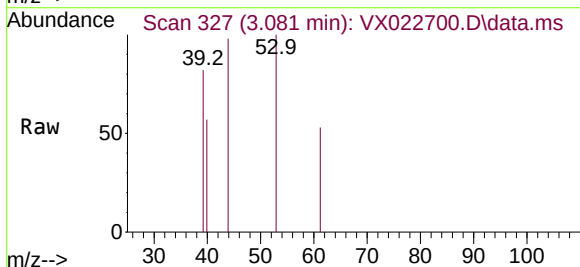
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

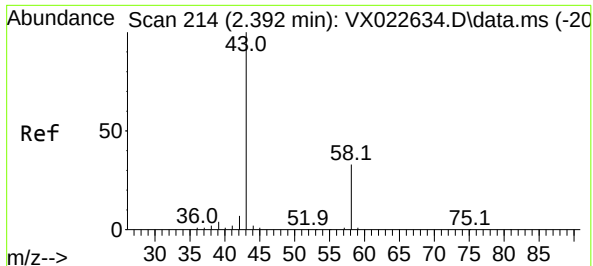
Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 92.6 76.4 114.6



#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion: 53 Resp: 130
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#

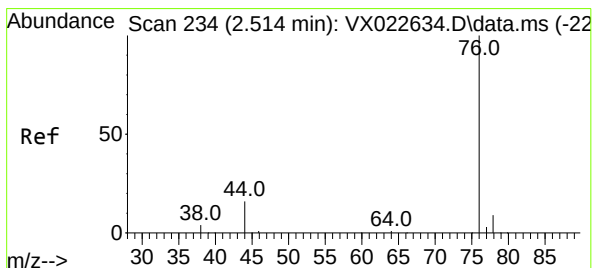
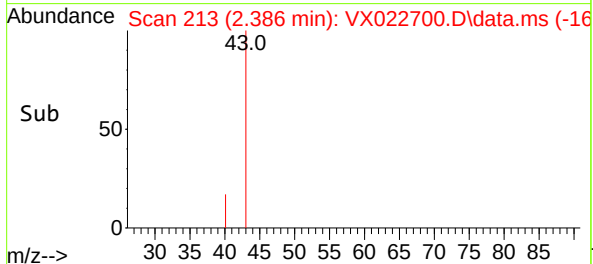
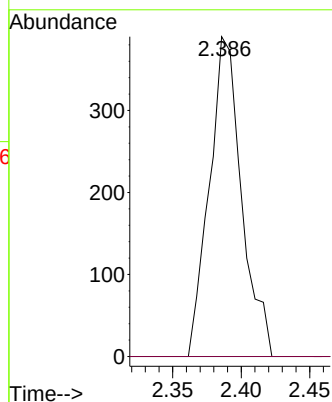
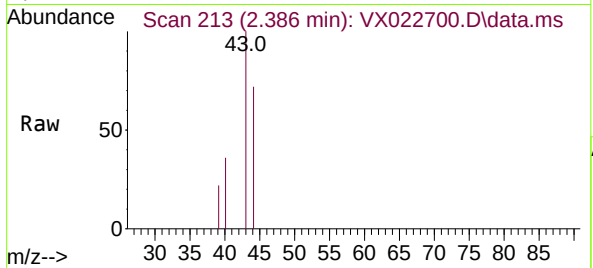




#16
Acetone
Concen: 1.30 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

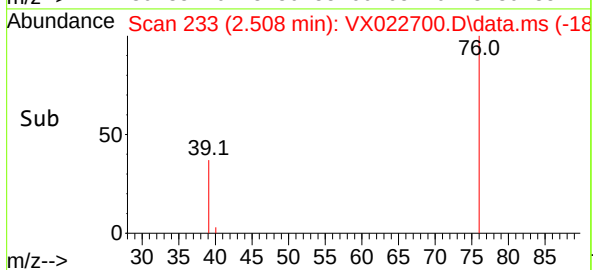
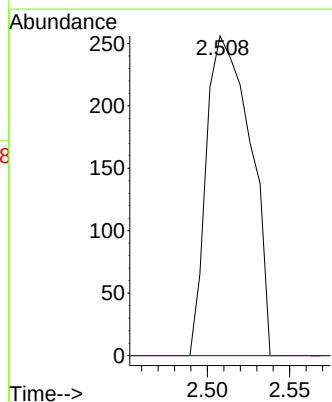
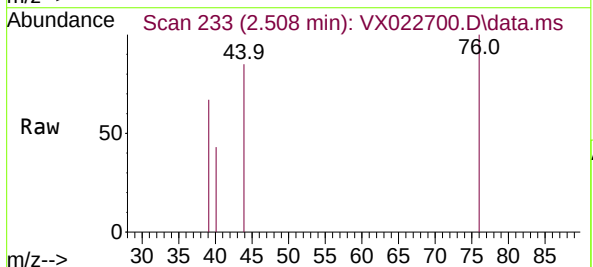
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

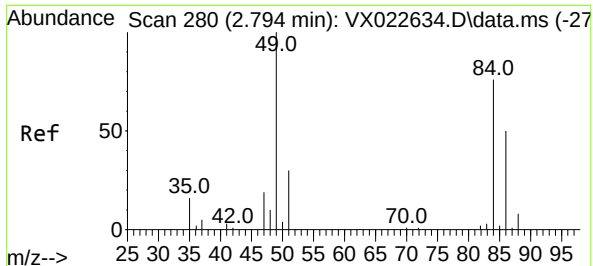
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.29 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion: 76 Resp: 475
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 1.07 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022700.D

Acq: 15 Jun 2021 15:36

Tgt Ion: 84 Resp: 1264

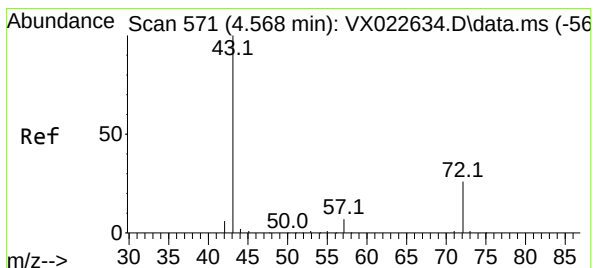
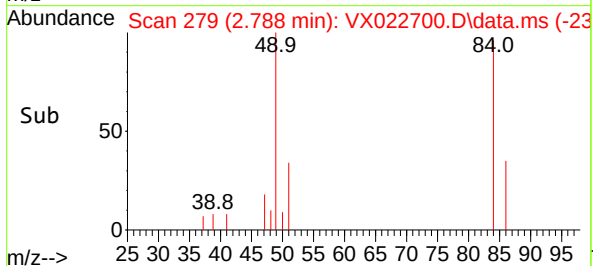
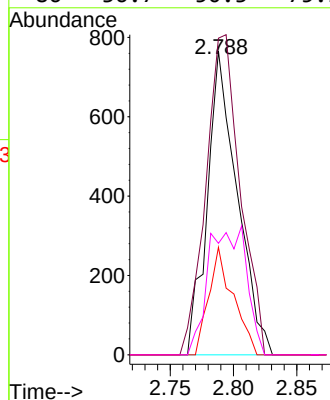
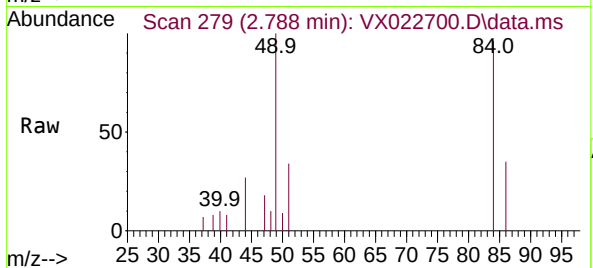
Ion Ratio Lower Upper

84 100

49 104.2 88.6 132.8

51 35.4 27.0 40.6

86 36.7 50.3 75.5#



#25

2-Butanone

Concen: 0.21 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022700.D

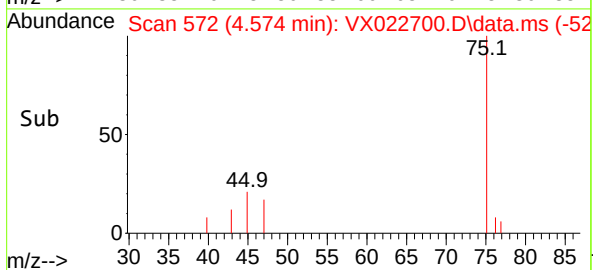
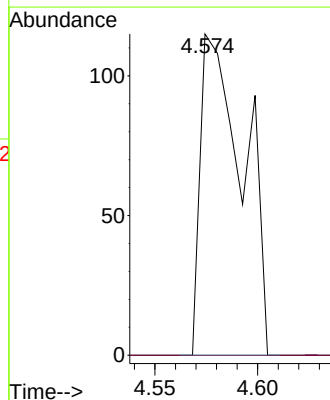
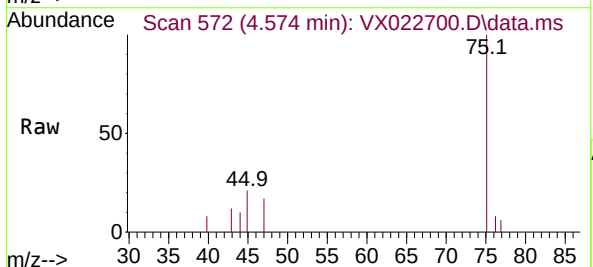
Acq: 15 Jun 2021 15:36

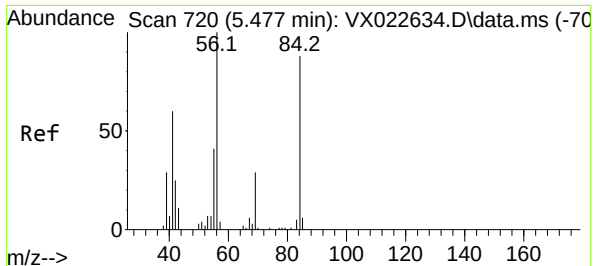
Tgt Ion: 43 Resp: 166

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

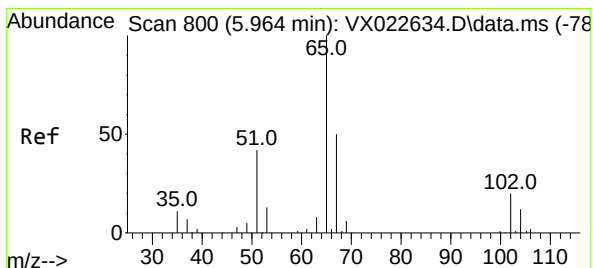
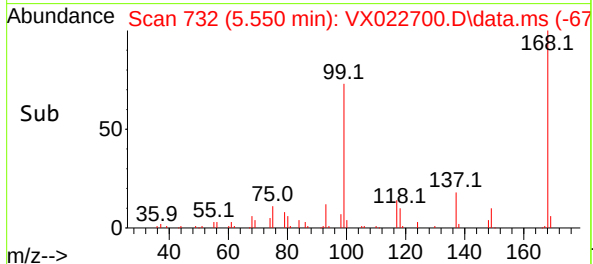
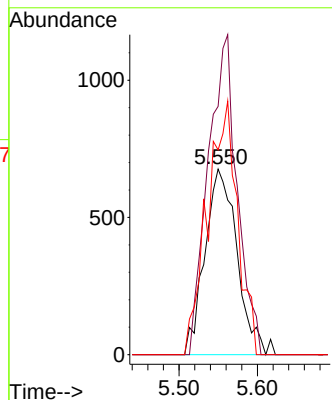
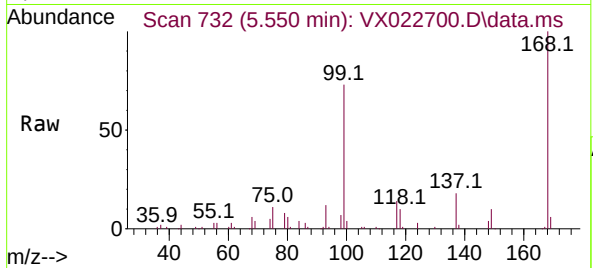




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

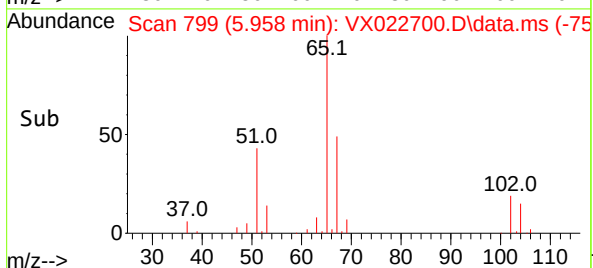
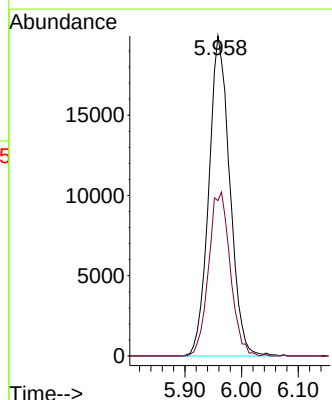
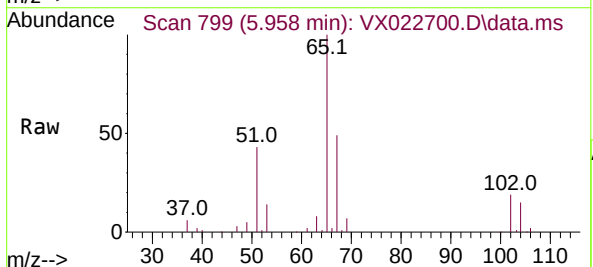
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

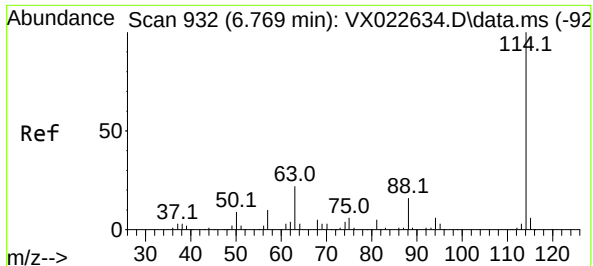
Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
69 133.9 25.3 37.9#
84 110.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.00 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion: 65 Resp: 51310
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

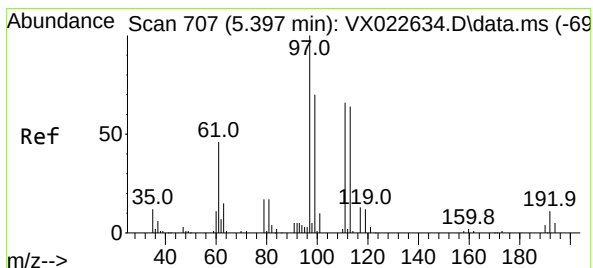
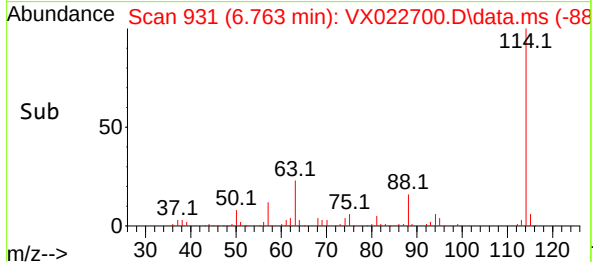
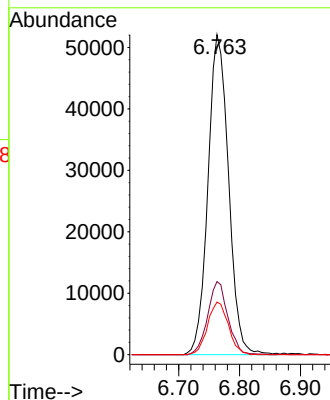
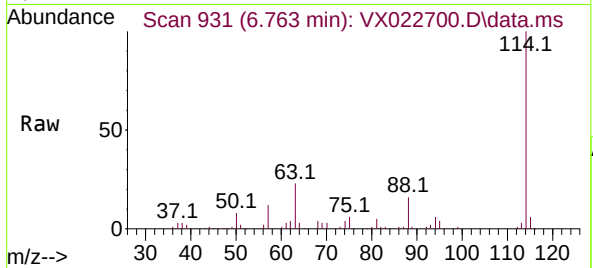




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

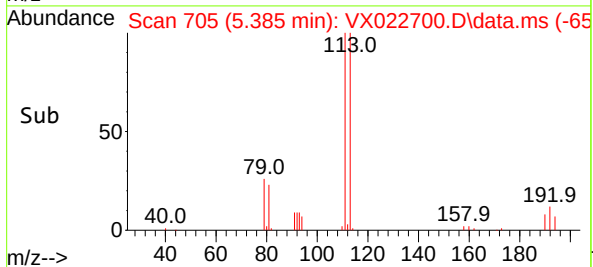
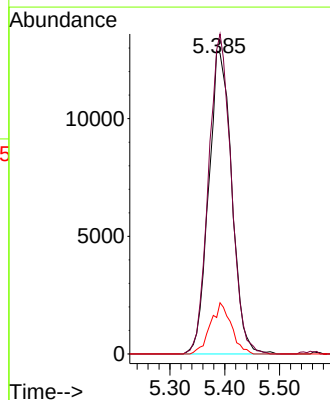
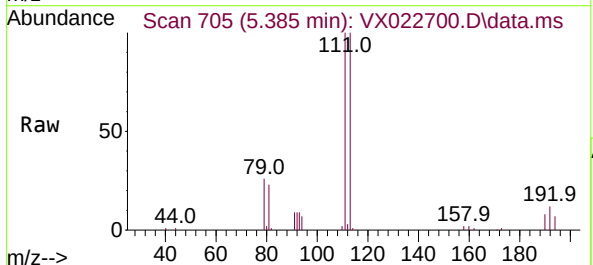
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

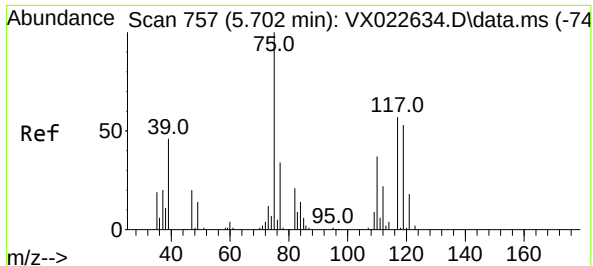
Tgt Ion:114 Resp: 122218
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion:113 Resp: 37700
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 15.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.16 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022700.D

Acq: 15 Jun 2021 15:36

Tgt Ion: 75 Resp: 6288

Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.4#

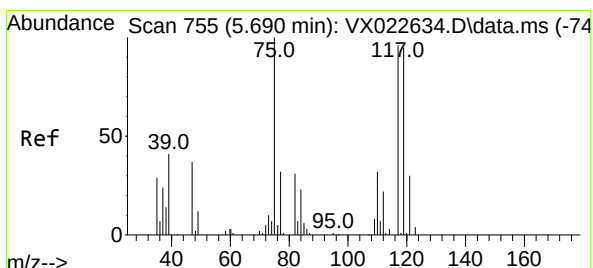
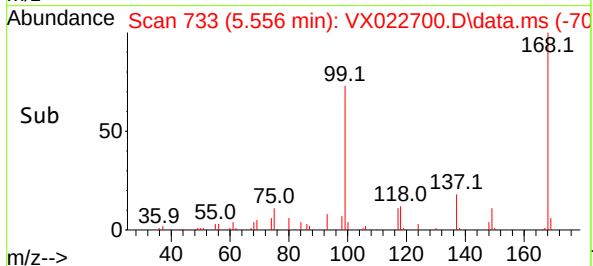
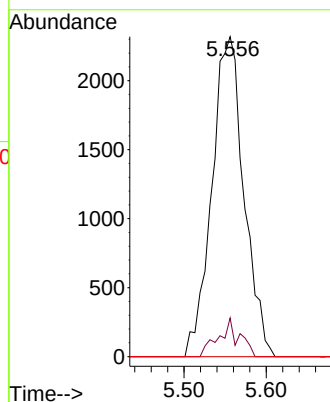
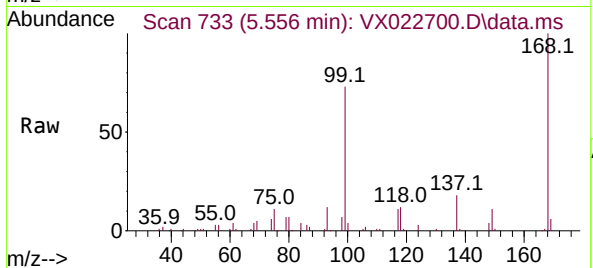
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

VX0615MBL01



#38

Carbon Tetrachloride

Concen: 7.34 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022700.D

Acq: 15 Jun 2021 15:36

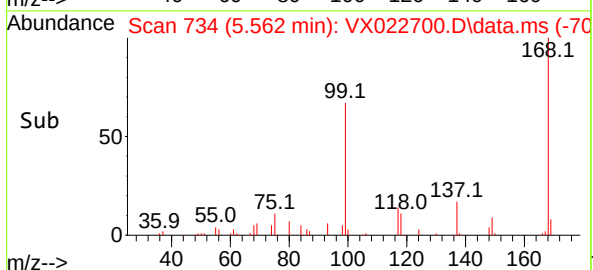
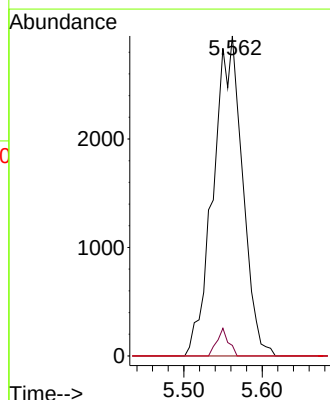
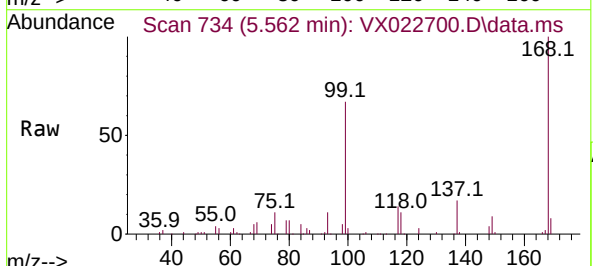
Tgt Ion: 117 Resp: 7646

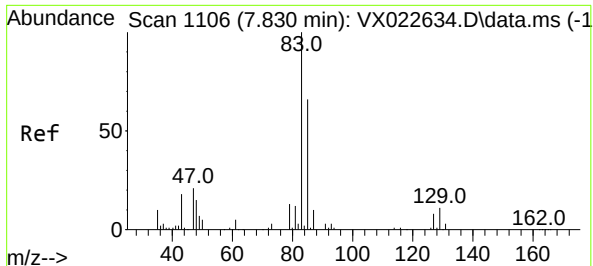
Ion Ratio Lower Upper

117 100

119 3.3 76.2 114.2#

121 0.0 24.8 37.2#





#47

Bromodichloromethane

Concen: 2.70 ug/l

RT: 7.818 min Scan# 1104

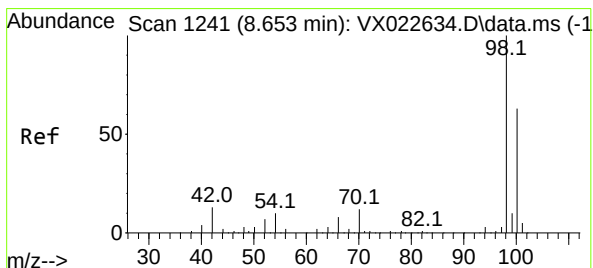
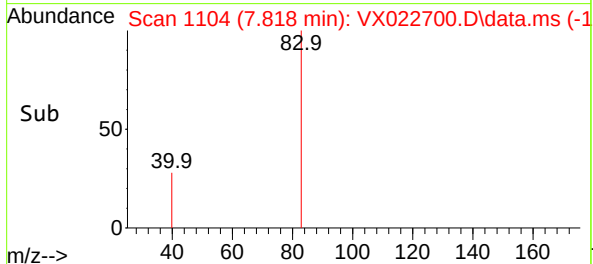
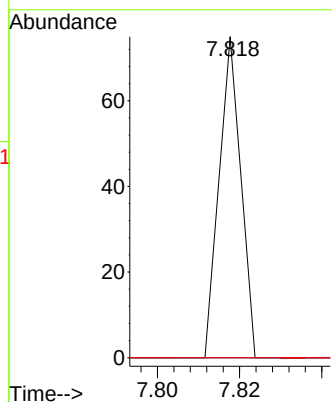
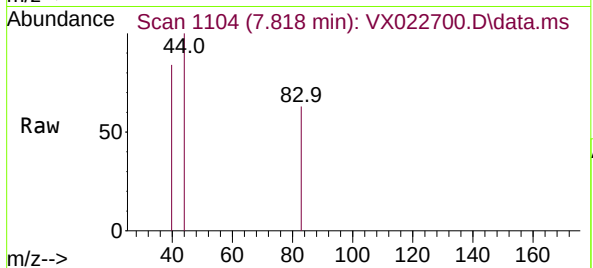
Delta R.T. -0.012 min

Lab File: VX022700.D

Acq: 15 Jun 2021 15:36

Tgt Ion:	83	Resp:	27
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.4	77.0#
127	0.0	6.8	10.2#

Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01



#50

Toluene-d8

Concen: 49.43 ug/l

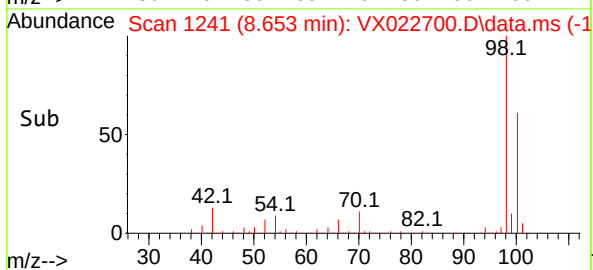
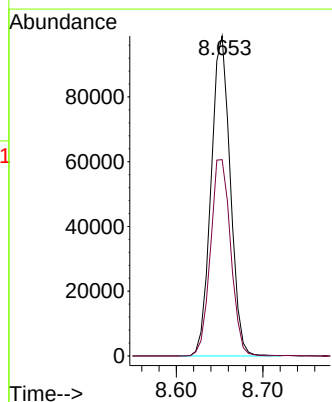
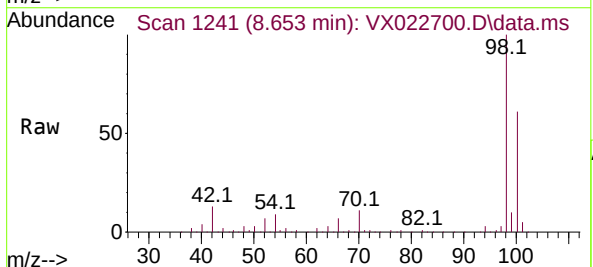
RT: 8.653 min Scan# 1241

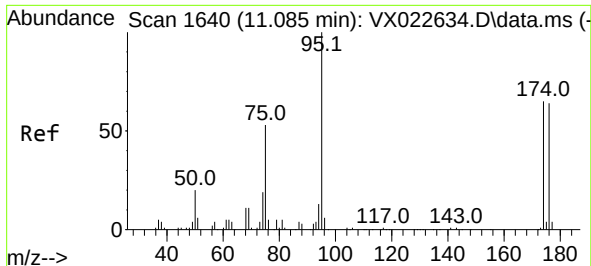
Delta R.T. -0.000 min

Lab File: VX022700.D

Acq: 15 Jun 2021 15:36

Tgt Ion:	98	Resp:	151941
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9

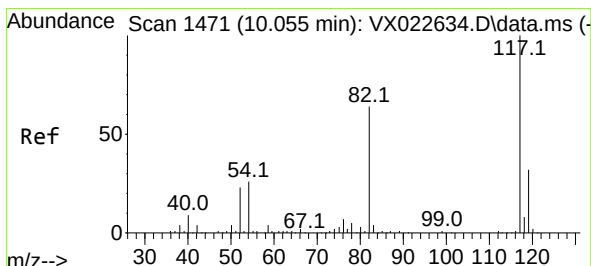
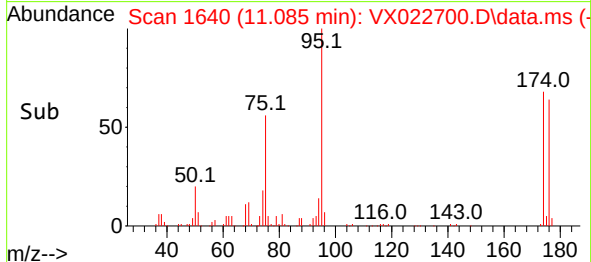
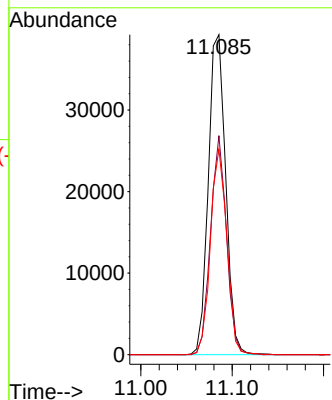
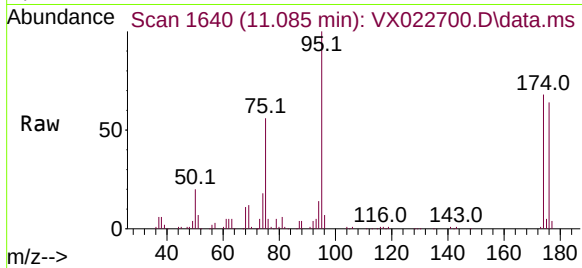




#62
4-Bromofluorobenzene
Concen: 44.43 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

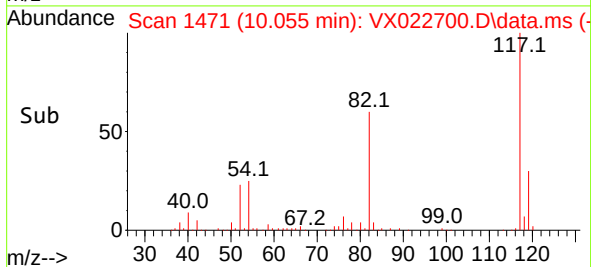
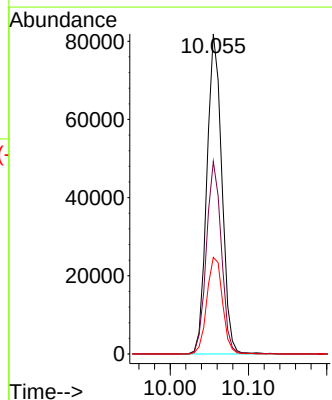
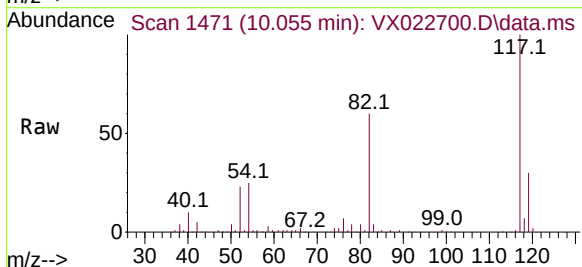
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

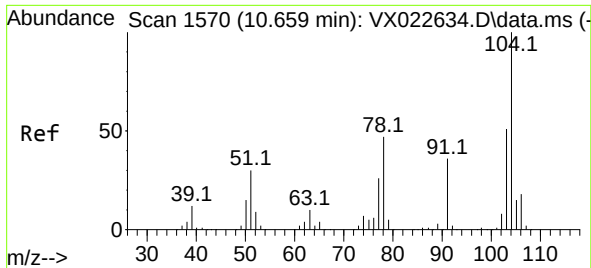
Tgt Ion: 95 Resp: 51652
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 60.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion: 117 Resp: 108323
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 30.2 26.6 39.8

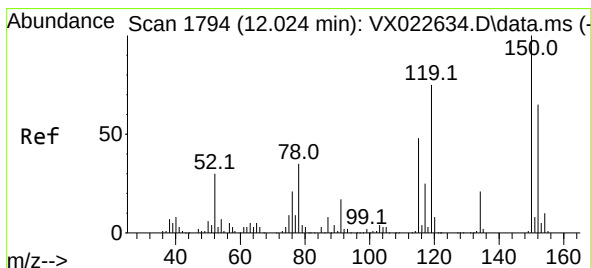
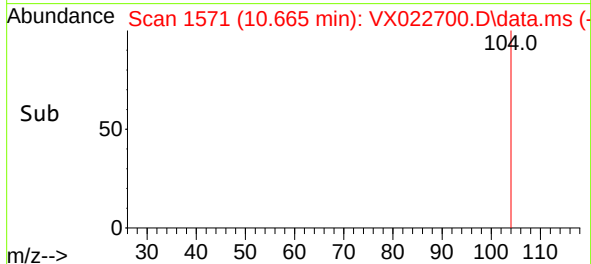
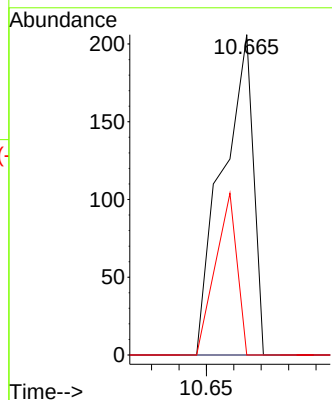
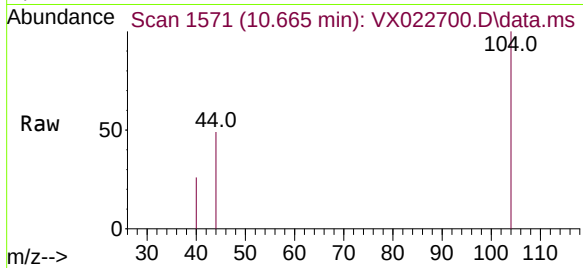




#70
Styrene
Concen: 1.51 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

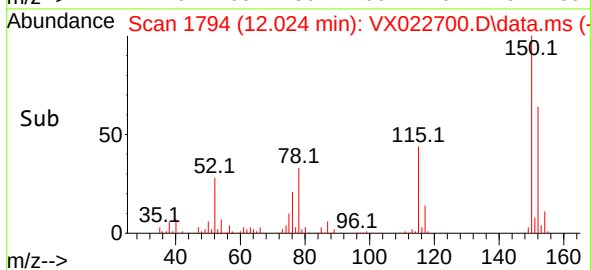
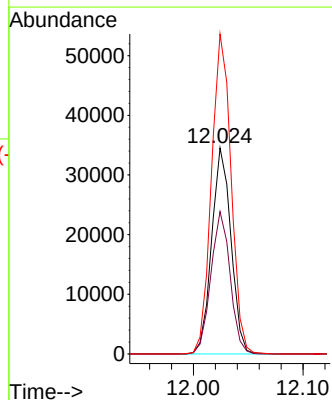
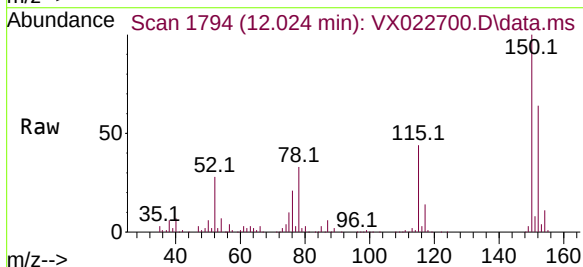
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

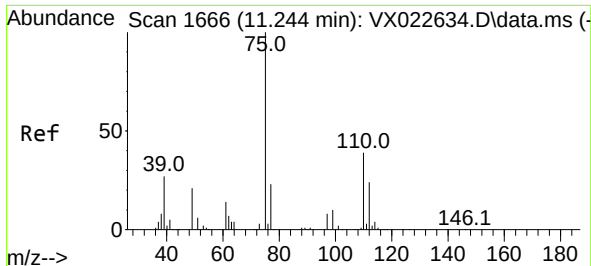
Tgt Ion:104 Resp: 162
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 35.2 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion:152 Resp: 42258
Ion Ratio Lower Upper
152 100
115 68.9 41.1 123.3
150 157.6 0.0 349.0

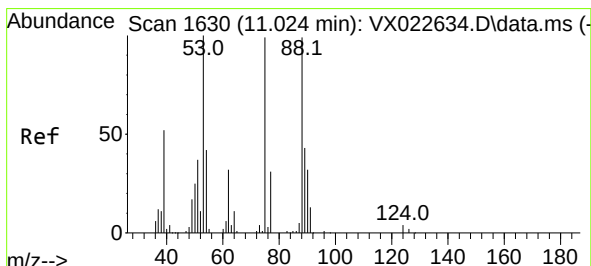
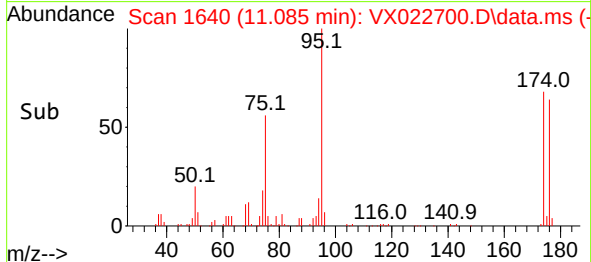
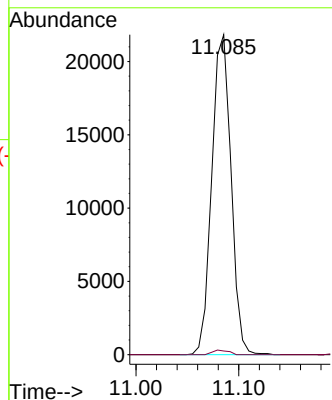
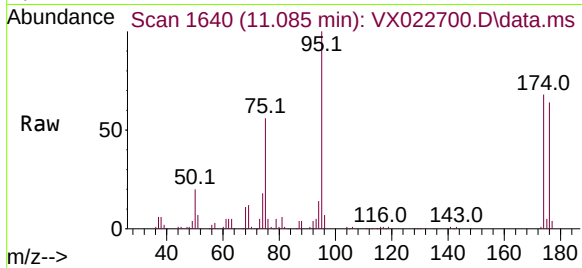




#76
1,2,3-Trichloropropane
Concen: 25.32 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

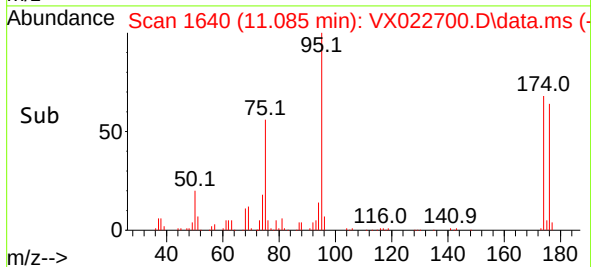
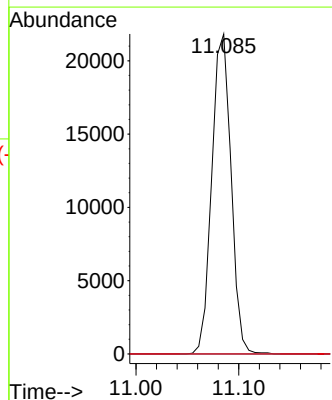
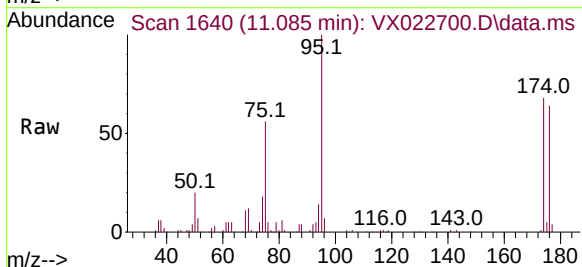
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

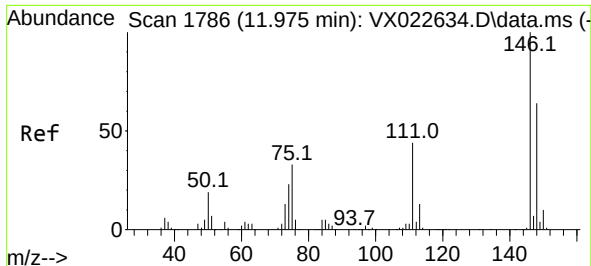
Tgt Ion: 75 Resp: 28372
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.68 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion: 75 Resp: 28372
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

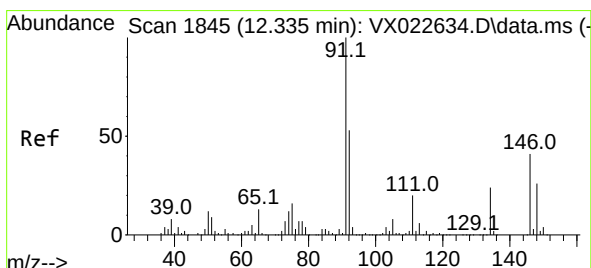
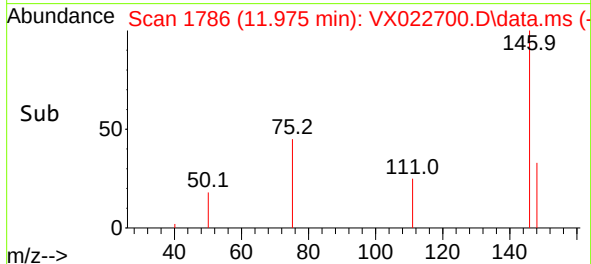
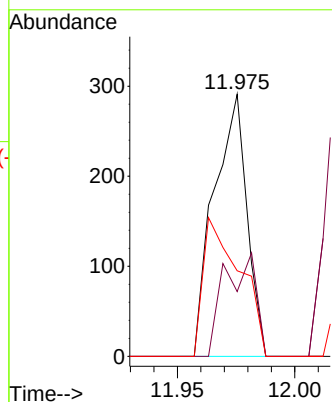
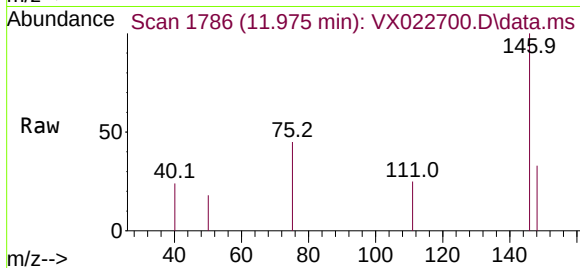




#87
1,3-Dichlorobenzene
Concen: 0.20 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

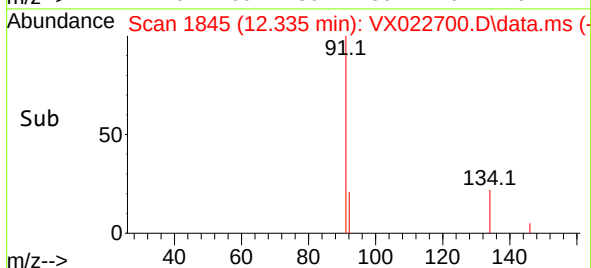
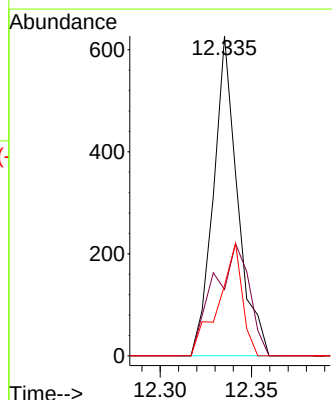
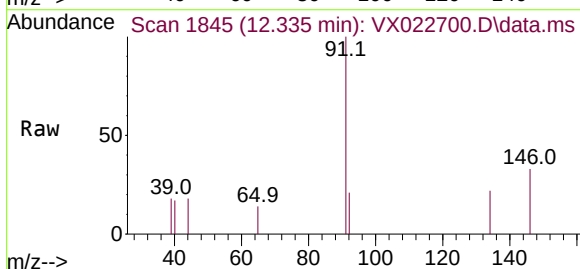
Instrument :
MSVOA_X
ClientSampled :
VX0615MBL01

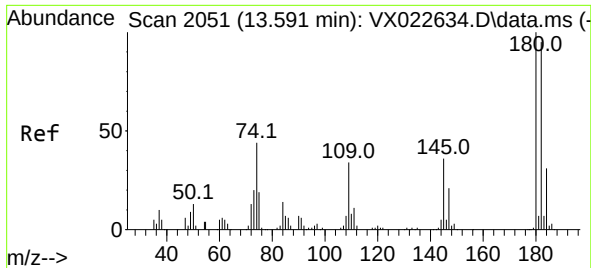
Tgt Ion:146 Resp: 284
Ion Ratio Lower Upper
146 100
111 37.3 20.2 60.5
148 59.2 31.9 95.7



#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

Tgt Ion: 91 Resp: 577
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 34.5 13.2 39.5

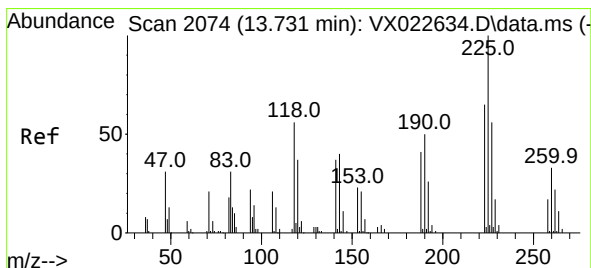
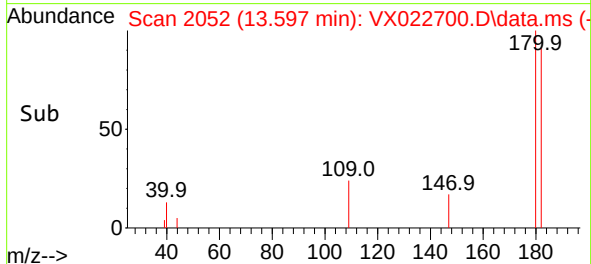
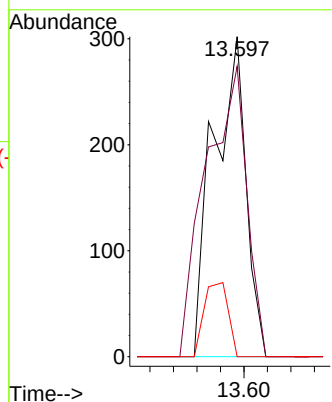
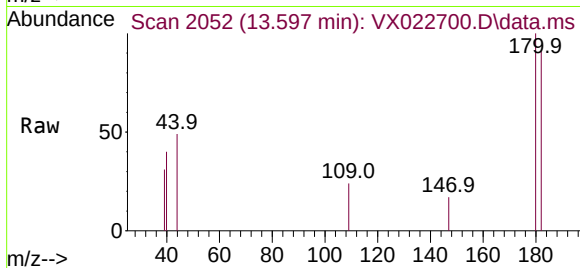




#93
1,2,4-Trichlorobenzene
Concen: 0.35 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

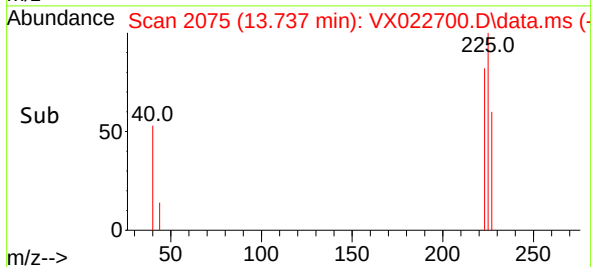
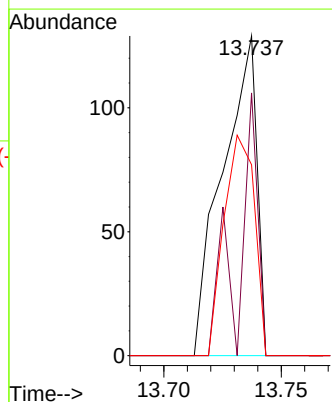
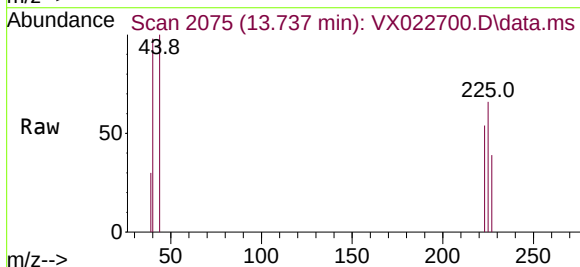
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

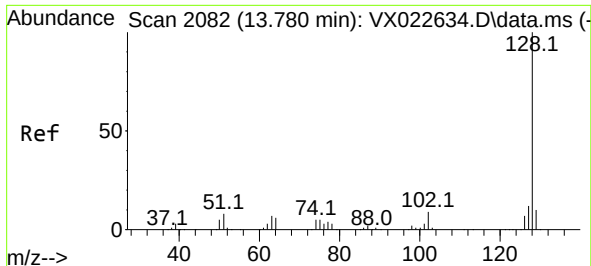
Tgt Ion:180 Resp: 290
Ion Ratio Lower Upper
180 100
182 113.4 47.7 143.1
145 17.2 15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.44 ug/l
RT: 13.737 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

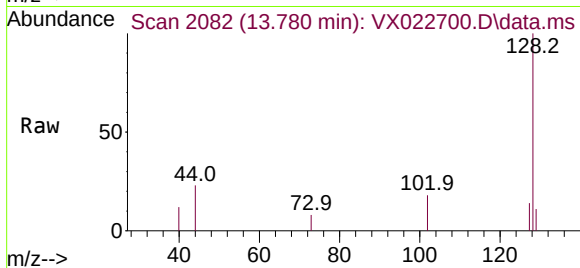
Tgt Ion:225 Resp: 131
Ion Ratio Lower Upper
225 100
223 46.6 31.1 93.2
227 61.1 31.6 95.0



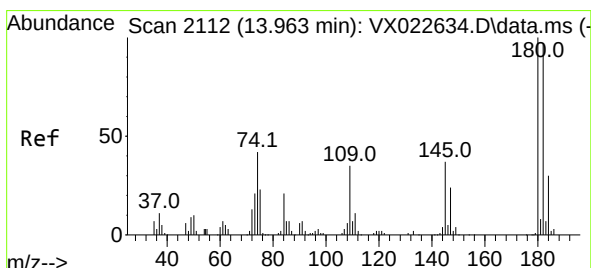
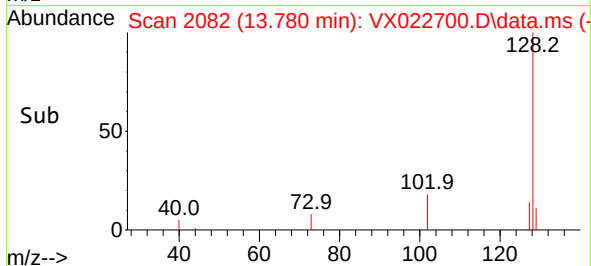
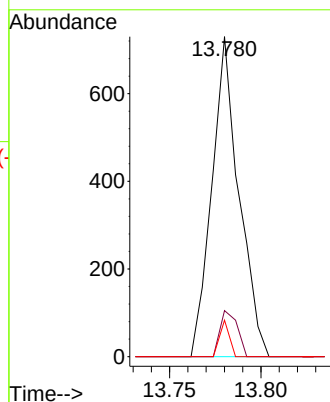


#95
Naphthalene
Concen: 1.68 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36

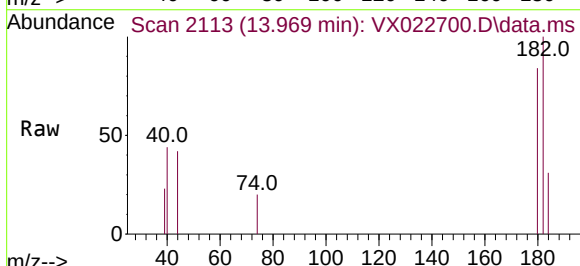
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01



Tgt Ion:128 Resp: 753
Ion Ratio Lower Upper
128 100
127 9.2 10.3 15.5#
129 4.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.34 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX022700.D
Acq: 15 Jun 2021 15:36



Tgt Ion:180 Resp: 273
Ion Ratio Lower Upper
180 100
182 101.8 47.6 142.9
145 13.9 16.1 48.3#

