

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022639.D
 Acq On : 10 Jun 2021 13:13
 Operator : JC/MD
 Sample : VX0610MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610MBL01

Quant Time: Jun 11 06:42:18 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

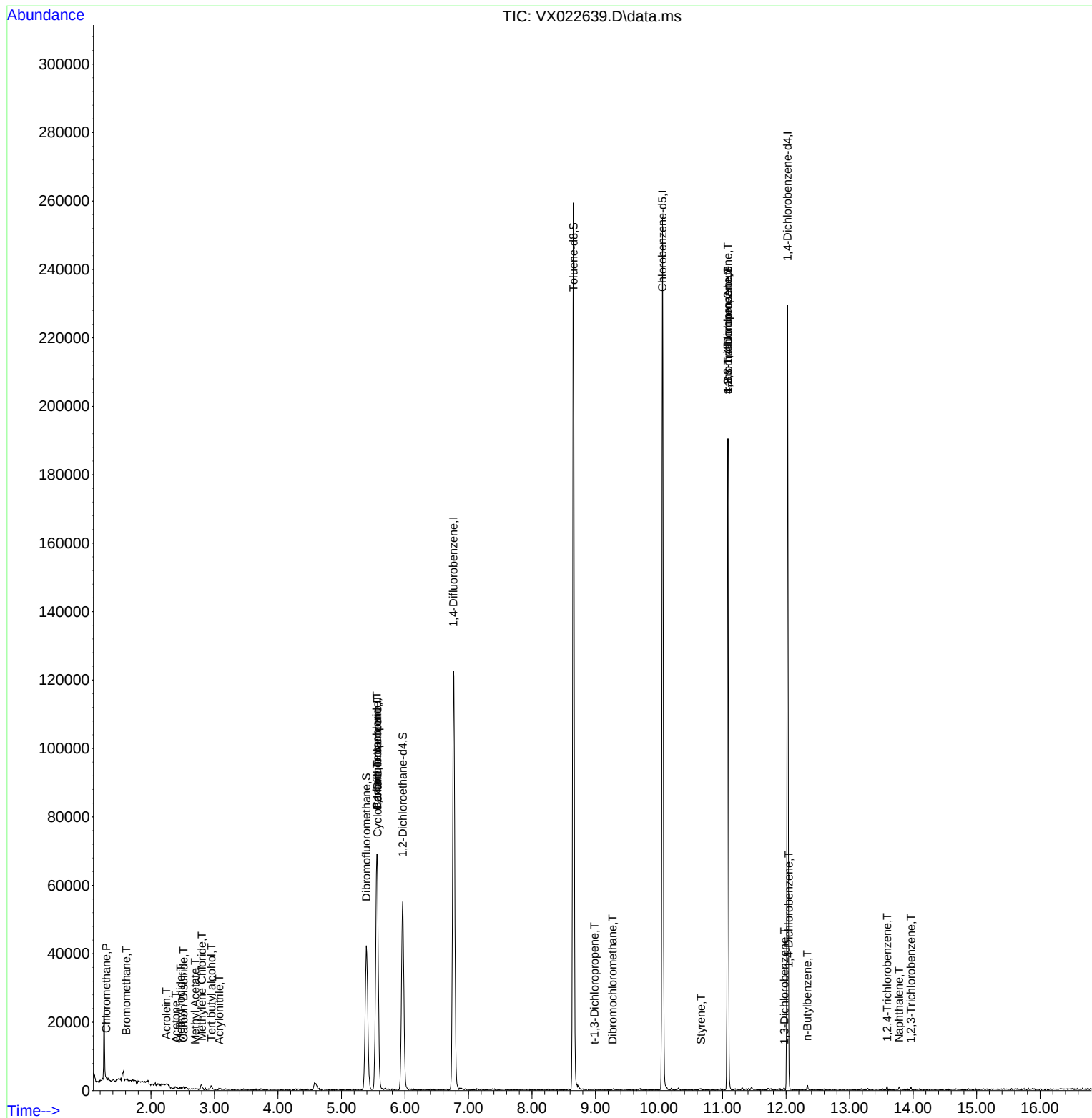
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	58966	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	119428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49367	46.551	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.100%
35) Dibromofluoromethane	5.391	113	36014	47.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.653	98	147711	49.175	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.085	95	50605	44.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	324	0.387	ug/l	# 72
5) Bromomethane	1.611	94	327	0.732	ug/l	# 77
10) Methyl Iodide	2.465	142	345	0.426	ug/l	# 57
11) Tert butyl alcohol	2.953	59	731	2.977	ug/l	# 73
13) Acrolein	2.239	56	24	0.233	ug/l	# 1
15) Acrylonitrile	3.075	53	115	0.238	ug/l	# 55
16) Acetone	2.392	43	581	1.224	ug/l	# 82
17) Carbon Disulfide	2.514	76	696	0.432	ug/l	# 94
18) Methyl Acetate	2.697	43	340	0.238	ug/l	# 47
20) Methylene Chloride	2.800	84	692	0.480	ug/l	# 62
31) Cyclohexane	5.568	56	1729	1.351	ug/l	# 16
36) 1,1-Dichloropropene	5.562	75	5939	4.991	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6880	6.759	ug/l	# 17
53) t-1,3-Dichloropropene	8.982	75	43	3.287	ug/l	# 1
60) Dibromochloromethane	9.269	129	25	3.195	ug/l	# 11
70) Styrene	10.659	104	202	1.529	ug/l	# 53
76) 1,2,3-Trichloropropane	11.085	75	27000	25.631	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27000	64.384	ug/l	# 12
87) 1,3-Dichlorobenzene	11.975	146	267	0.202	ug/l	# 25
88) 1,4-Dichlorobenzene	12.043	146	444	0.326	ug/l	# 19
89) n-Butylbenzene	12.335	91	596	0.226	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	318	0.411	ug/l	76
95) Naphthalene	13.780	128	676	1.669	ug/l	# 84
96) 1,2,3-Trichlorobenzene	13.969	180	241	0.320	ug/l	84

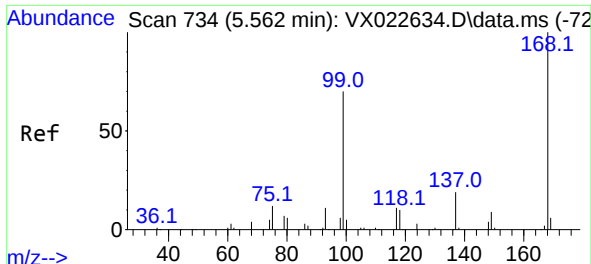
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
Data File : VX022639.D
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Sample : VX0610MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

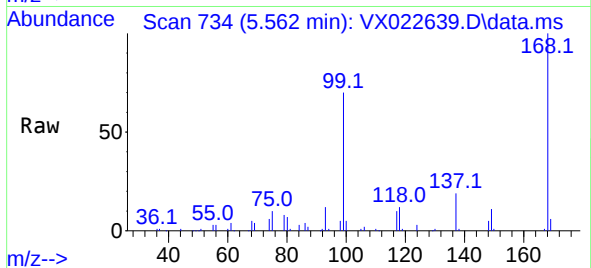
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



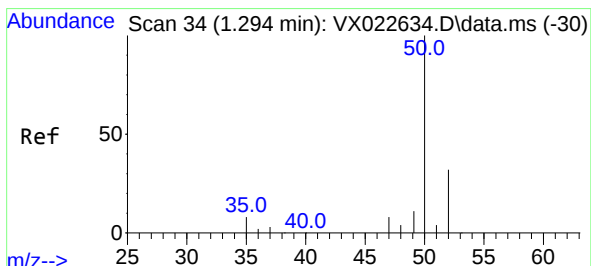
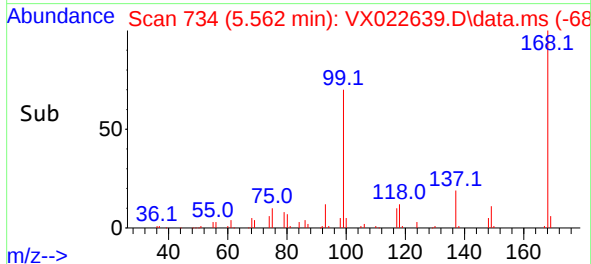
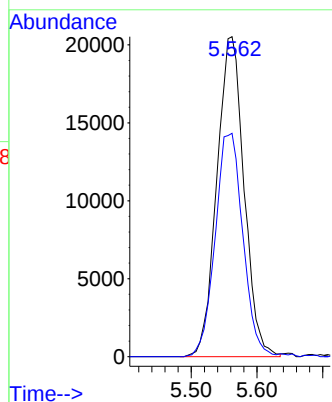


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

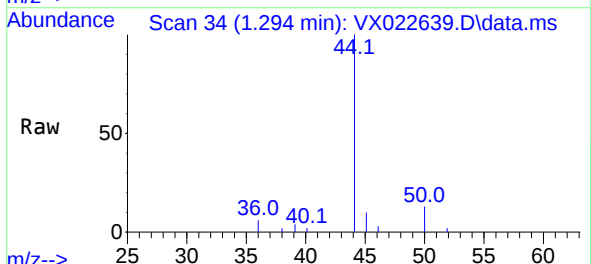
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01



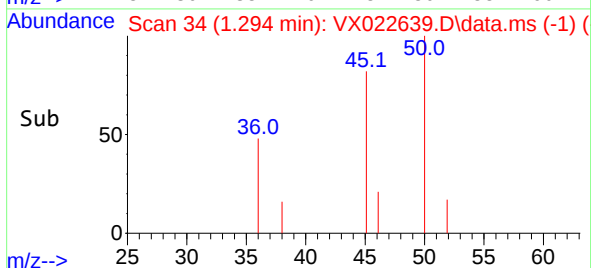
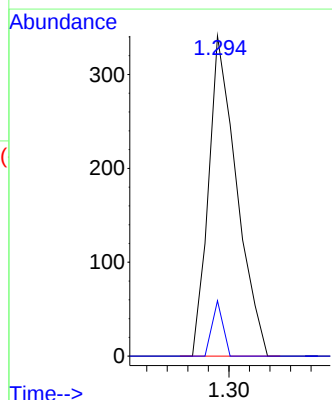
Tgt Ion:168 Resp: 58966
Ion Ratio Lower Upper
168 100
99 69.8 45.8 68.6#

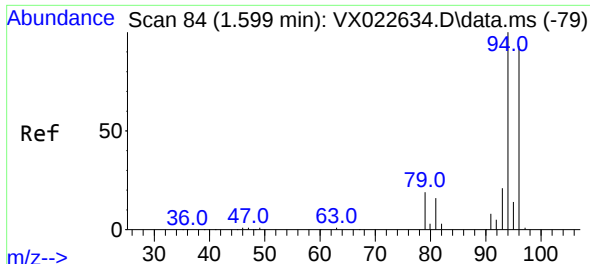


#3
Chloromethane
Concen: 0.387 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13



Tgt Ion: 50 Resp: 324
Ion Ratio Lower Upper
50 100
52 17.3 26.4 39.6#

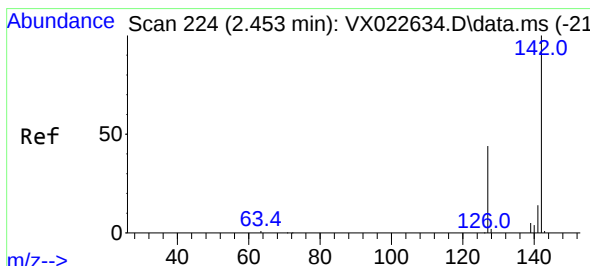
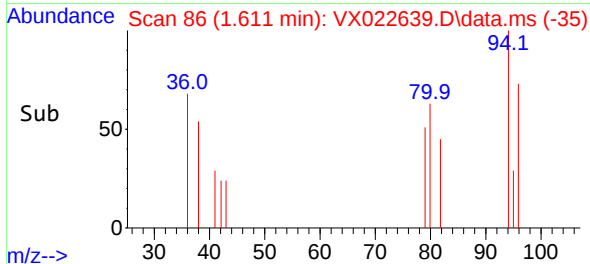
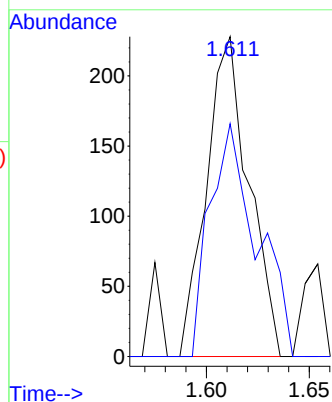
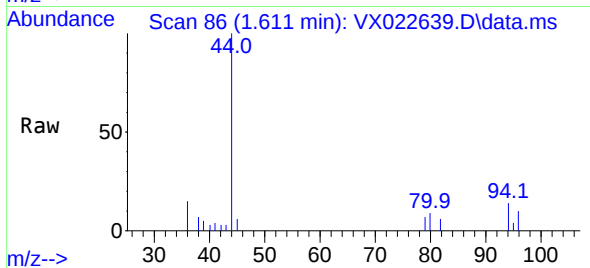




#5
Bromomethane
Concen: 0.732 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

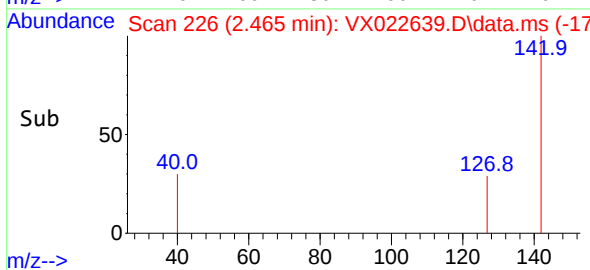
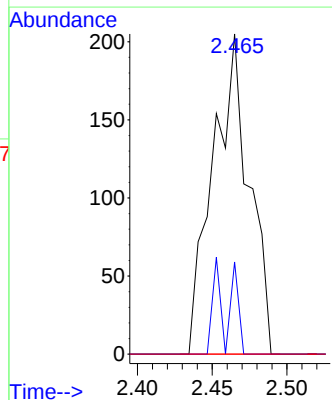
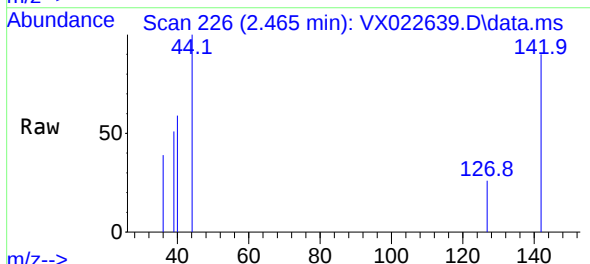
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

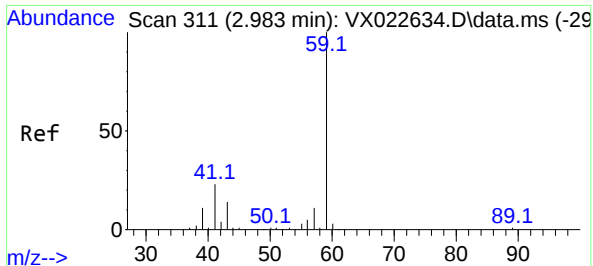
Tgt Ion: 94 Resp: 327
Ion Ratio Lower Upper
94 100
96 72.8 76.4 114.6#



#10
Methyl Iodide
Concen: 0.426 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 142 Resp: 345
Ion Ratio Lower Upper
142 100
127 12.8 33.3 49.9#
141 0.0 11.4 17.0#



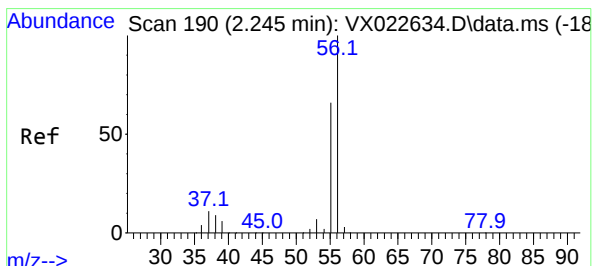
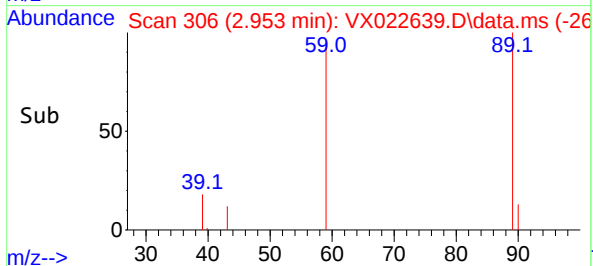
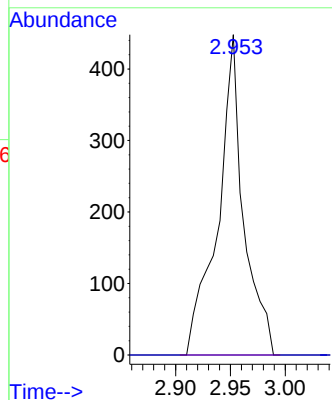
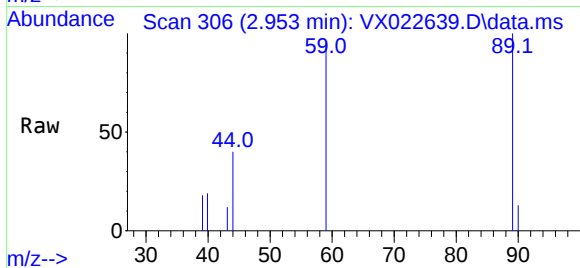


#11

Tert butyl alcohol
Concen: 2.977 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

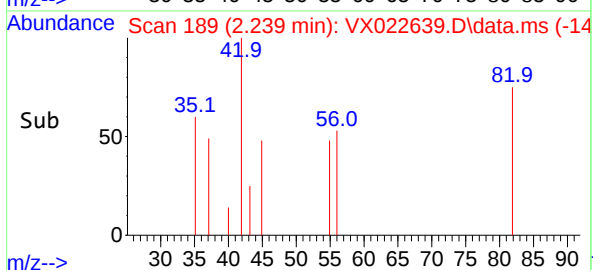
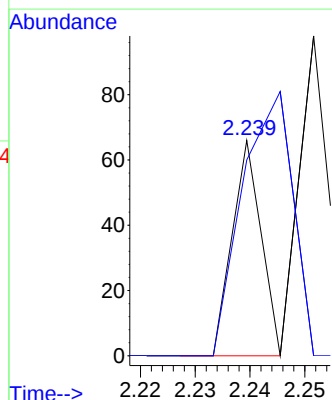
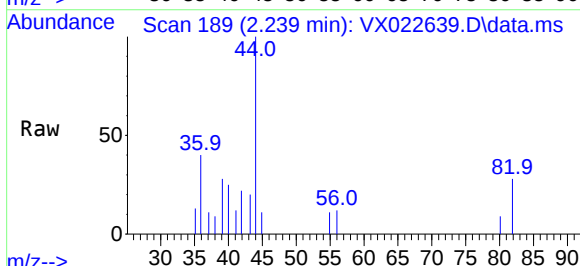
Tgt Ion: 59 Resp: 731
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

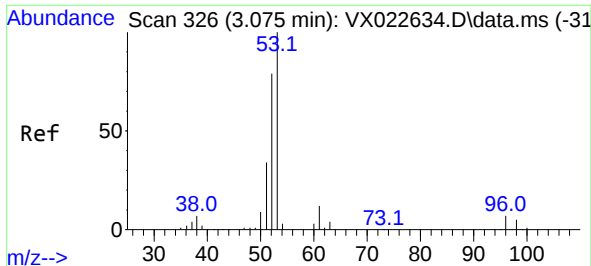


#13

Acrolein
Concen: 0.233 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 216.7 56.4 84.6#

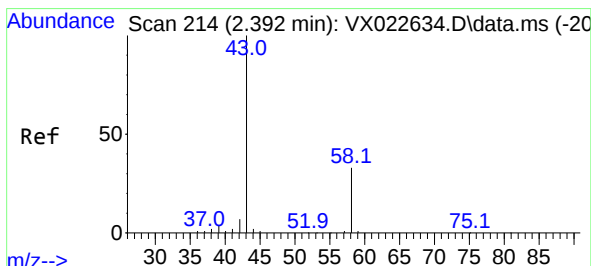
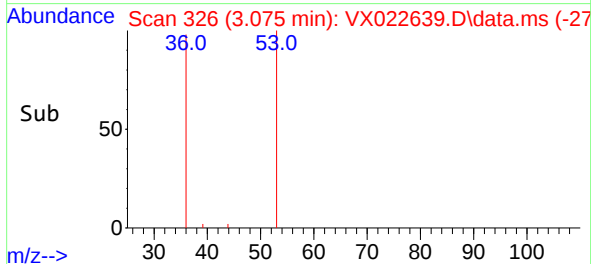
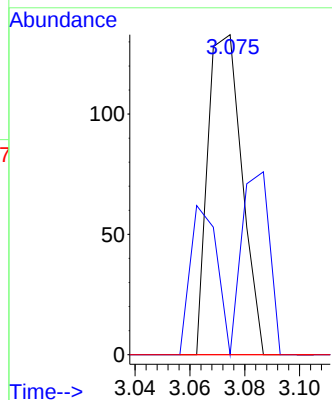
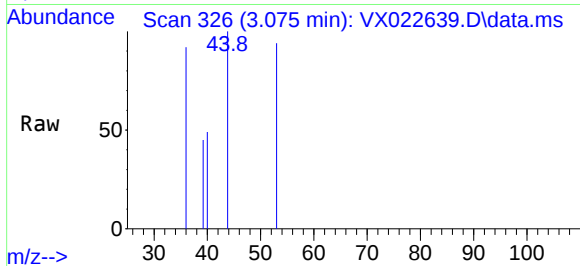




#15
Acrylonitrile
Concen: 0.238 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

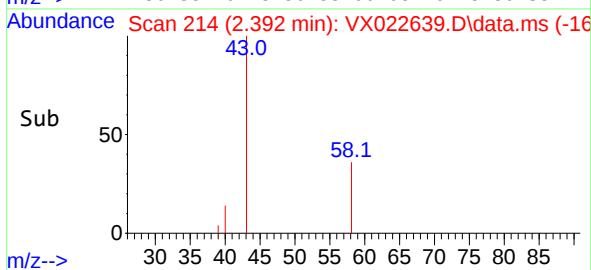
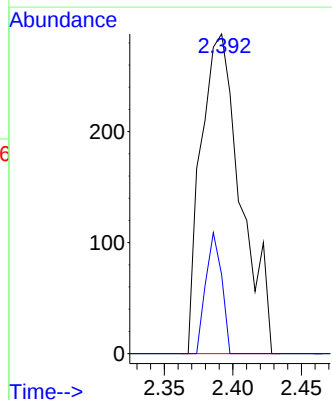
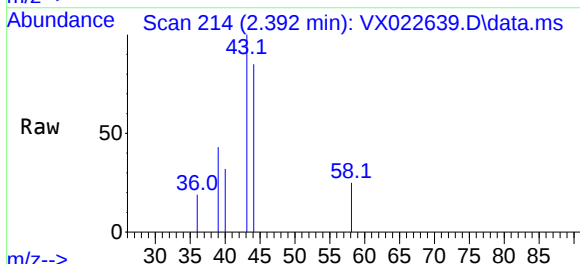
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

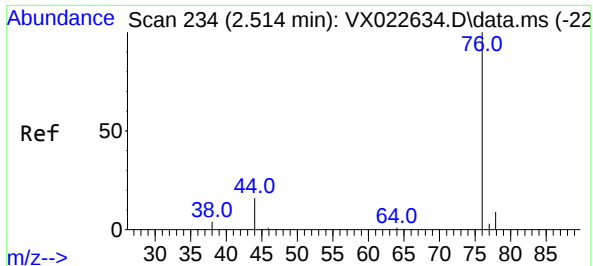
Tgt Ion: 53 Resp: 115
Ion Ratio Lower Upper
53 100
52 47.0 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.224 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#

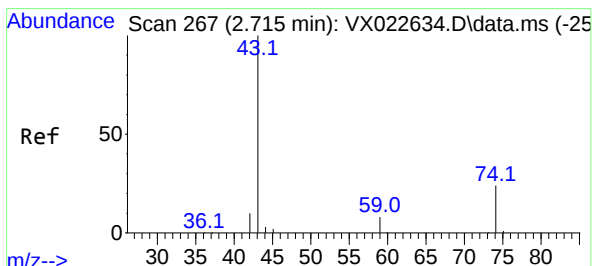
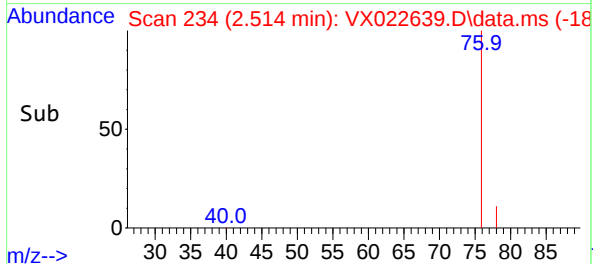
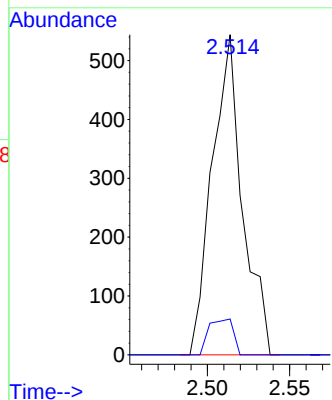
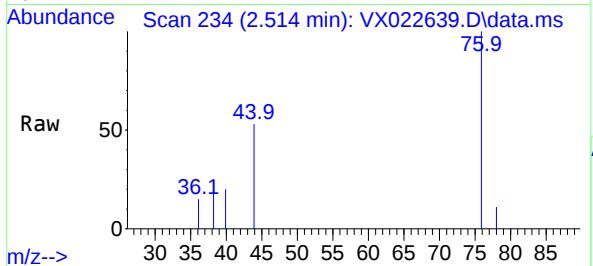




#17
Carbon Disulfide
Concen: 0.432 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

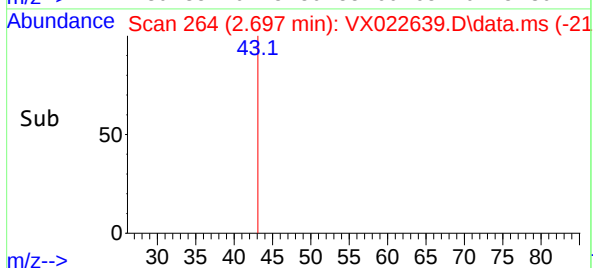
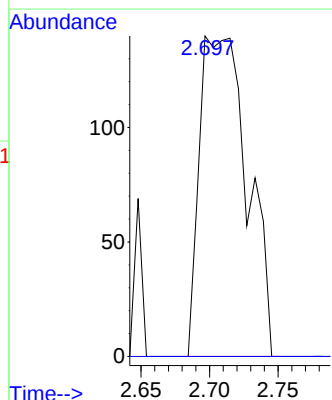
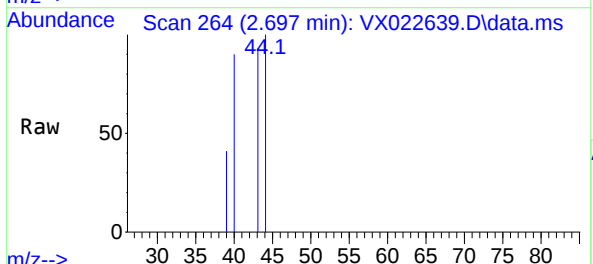
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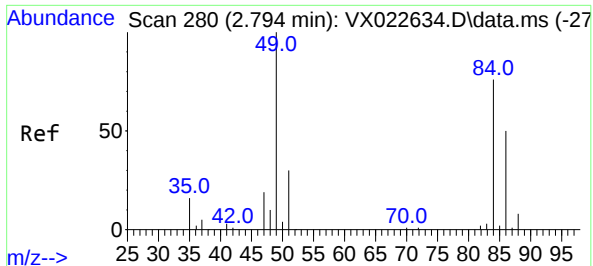
Tgt Ion: 76 Resp: 696
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



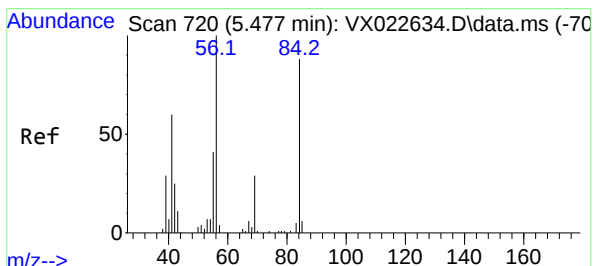
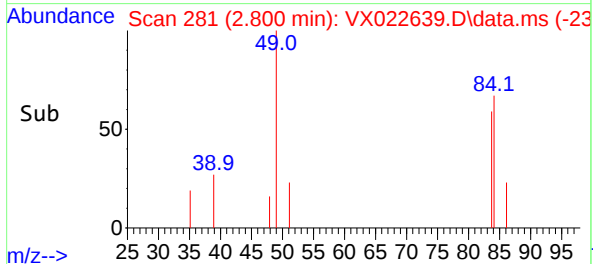
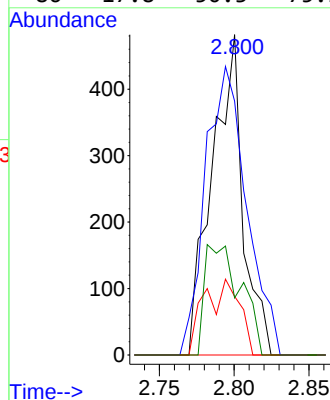
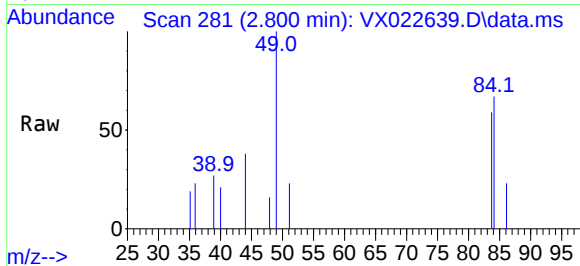


#20
Methylene Chloride
Concen: 0.480 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Instrument :
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ClientSampleId :
VX0610MBL01

Tgt Ion: 84 Resp: 692

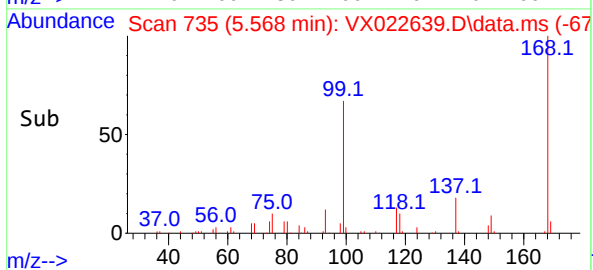
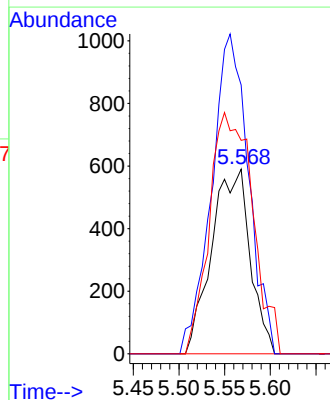
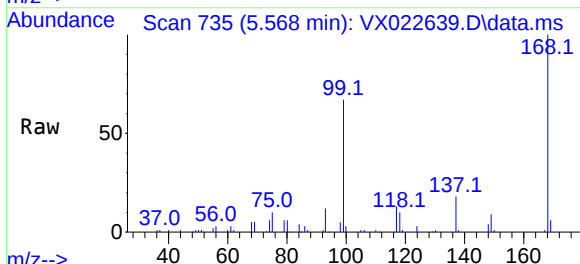
Ion	Ratio	Lower	Upper
84	100		
49	79.3	88.6	132.8#
51	18.3	27.0	40.6#
86	17.8	50.3	75.5#

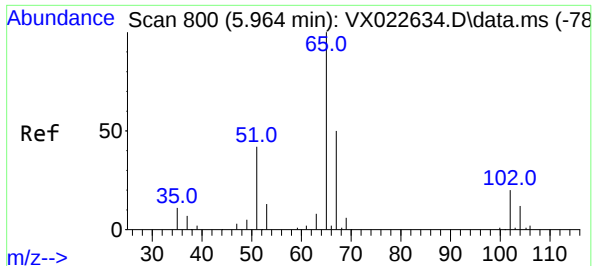


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 56 Resp: 1729

Ion	Ratio	Lower	Upper
56	100		
69	145.6	25.3	37.9#
84	127.6	71.4	107.0#



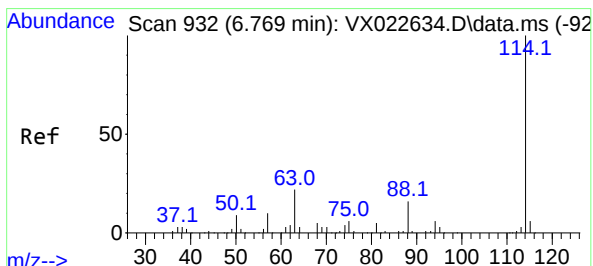
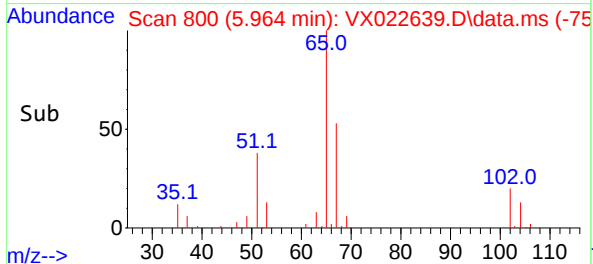
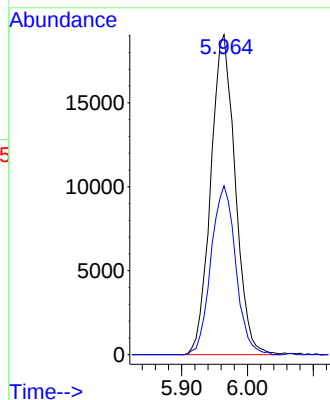
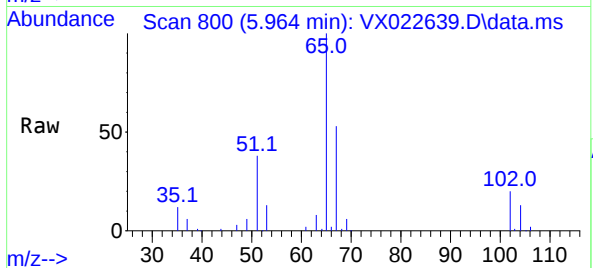


#33

1,2-Dichloroethane-d4
Concen: 46.551 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Instrument :
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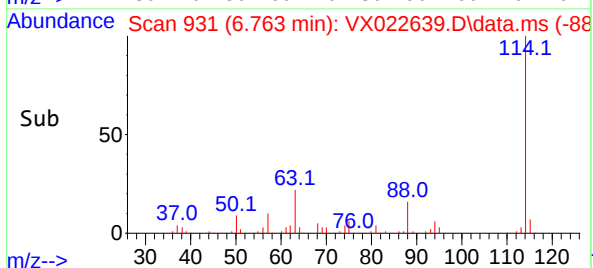
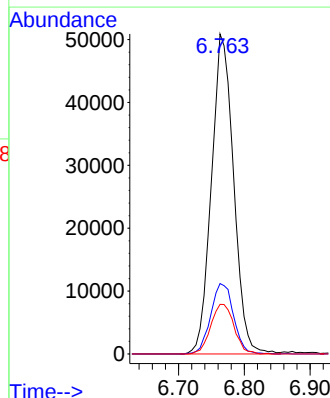
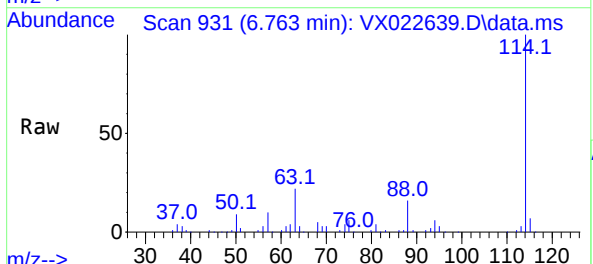
Tgt Ion: 65 Resp: 49367
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

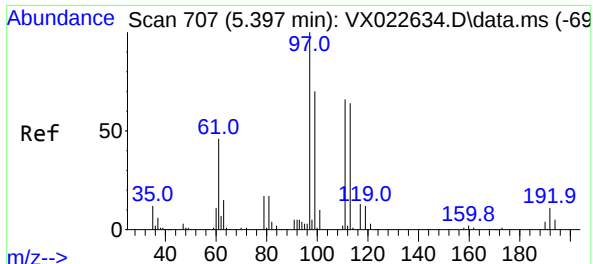


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 114 Resp: 119428
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.264 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022639.D

Acq: 10 Jun 2021 13:13

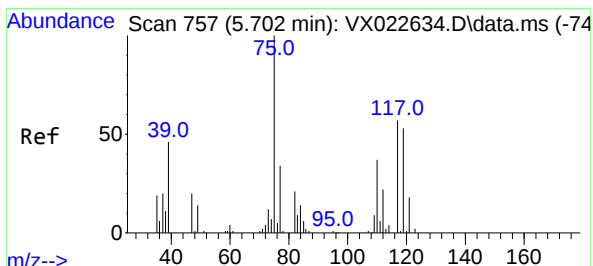
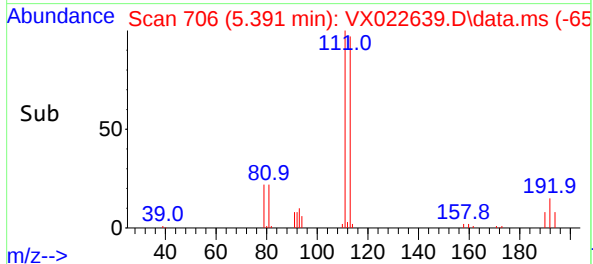
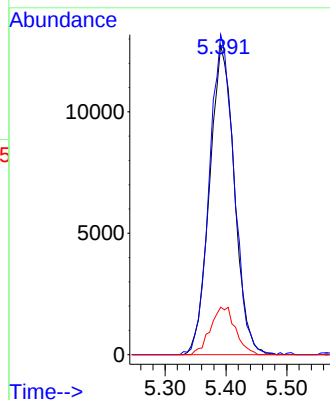
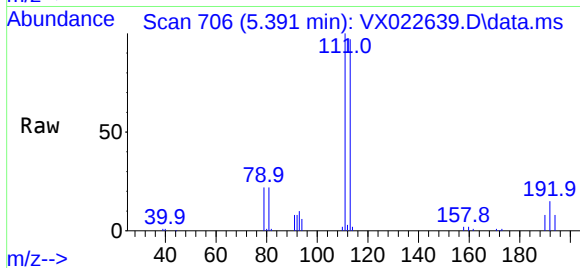
Tgt Ion:113 Resp: 36014

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 15.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.991 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022639.D

Acq: 10 Jun 2021 13:13

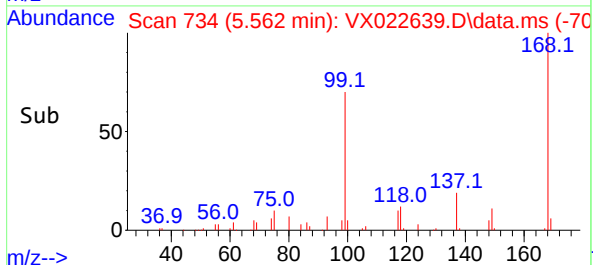
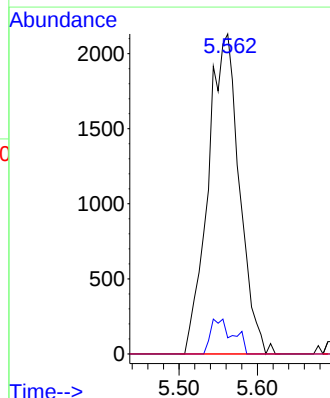
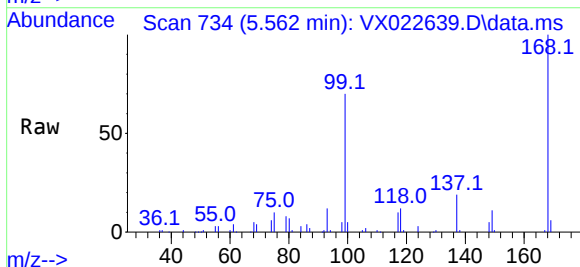
Tgt Ion: 75 Resp: 5939

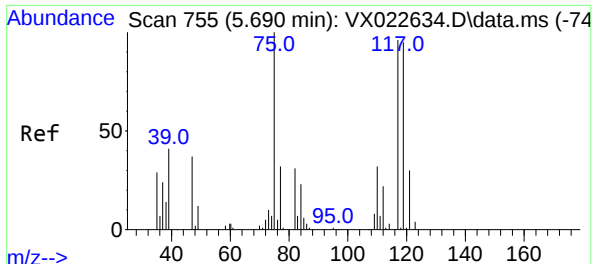
Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.4#

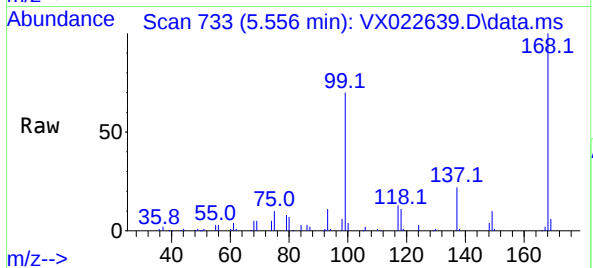
77 0.0 25.3 37.9#



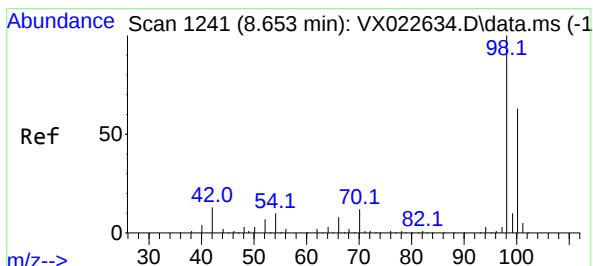
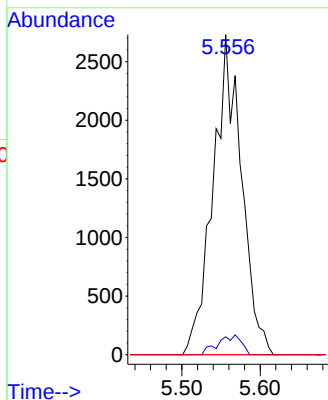
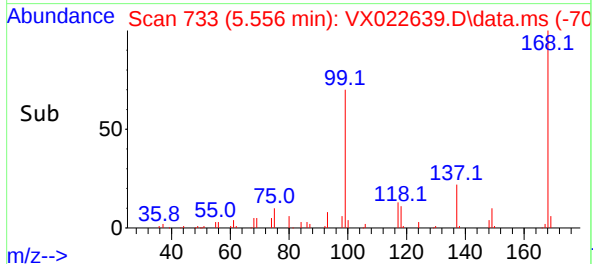


#38
Carbon Tetrachloride
Concen: 6.759 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

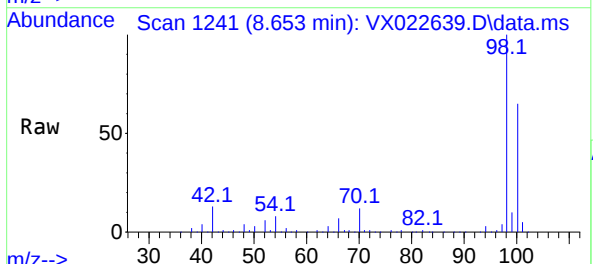
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01



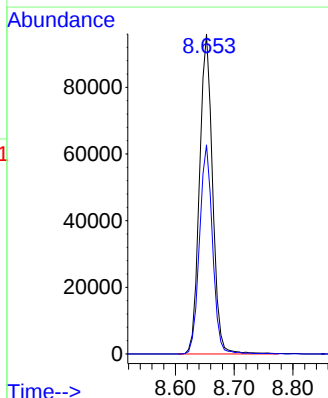
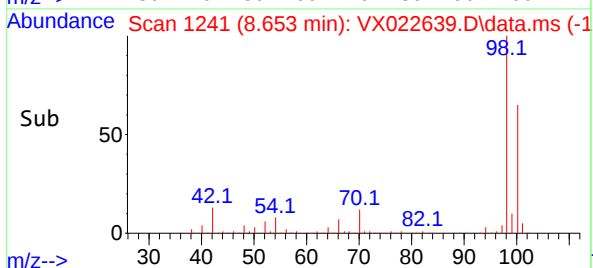
Tgt Ion:117 Resp: 6880
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

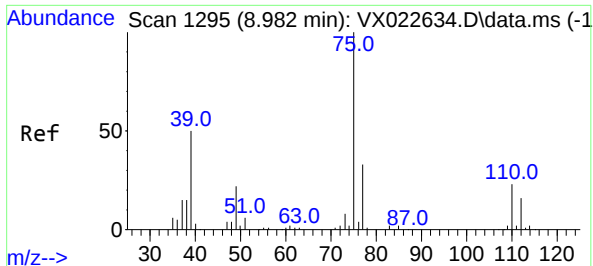


#50
Toluene-d8
Concen: 49.175 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13



Tgt Ion: 98 Resp: 147711
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

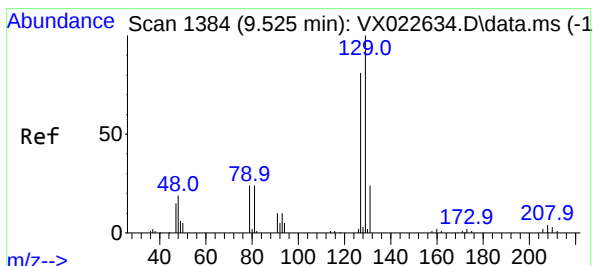
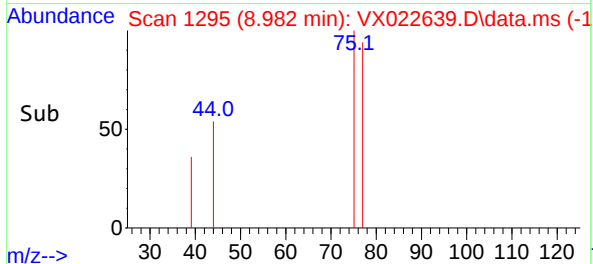
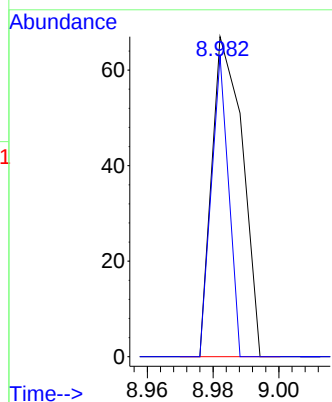
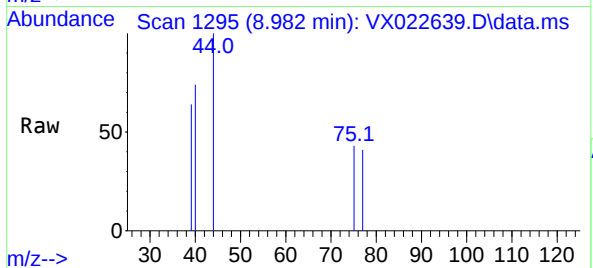




#53
t-1,3-Dichloropropene
Concen: 3.287 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

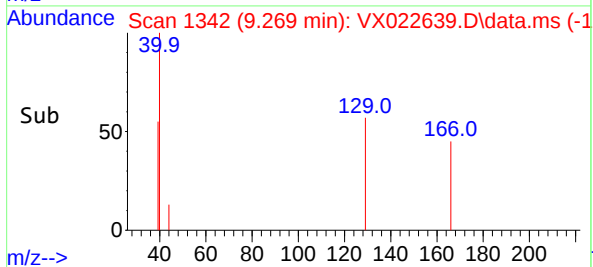
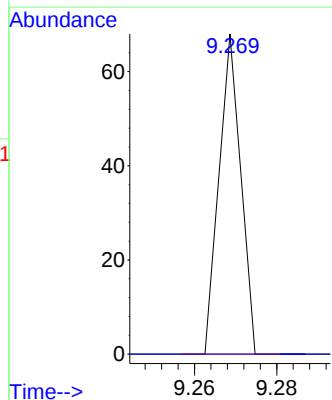
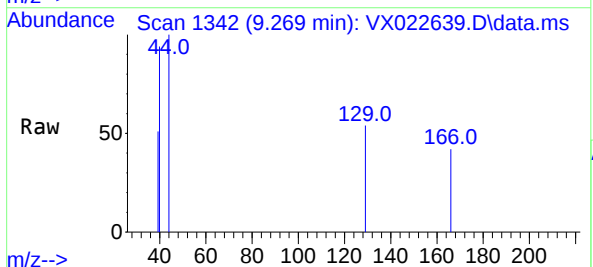
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

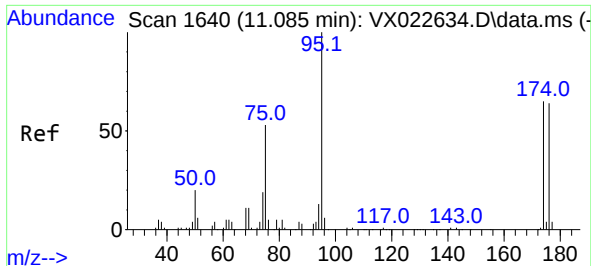
Tgt Ion: 75 Resp: 43
Ion Ratio Lower Upper
75 100
77 94.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 3.195 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion:129 Resp: 25
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

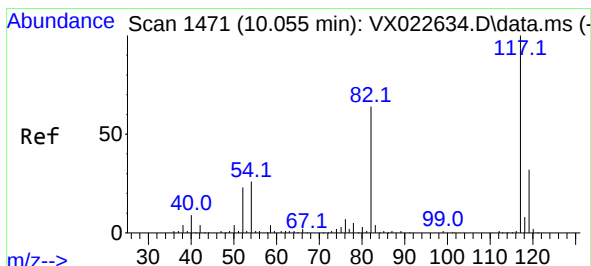
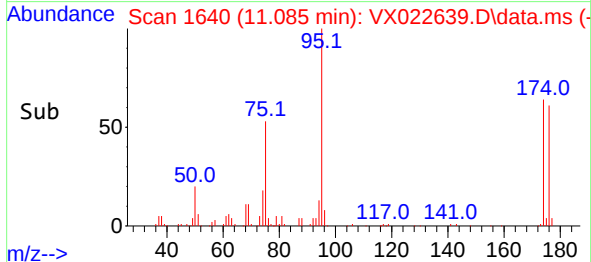
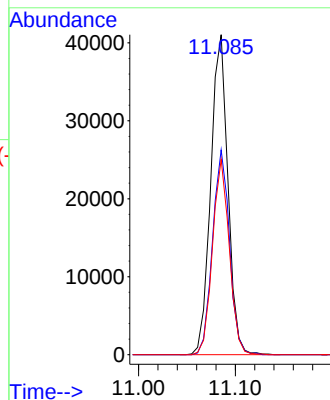
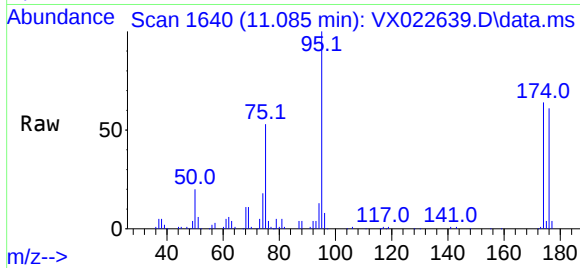




#62
4-Bromofluorobenzene
Concen: 44.546 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

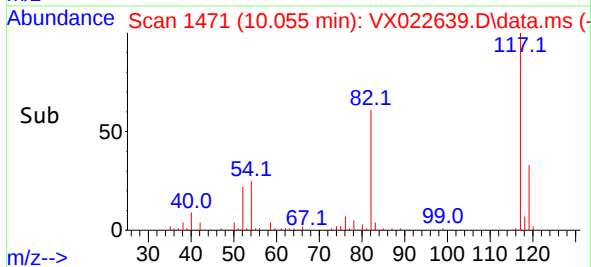
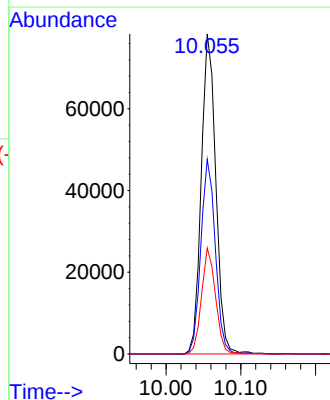
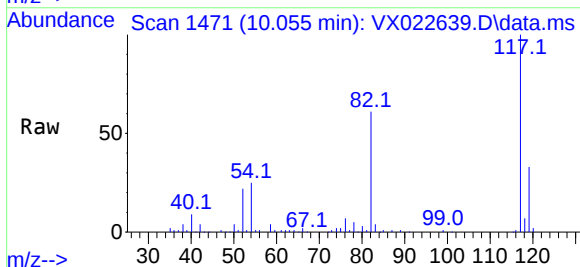
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

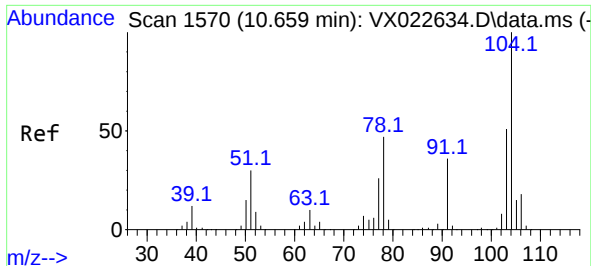
Tgt Ion: 95 Resp: 50605
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 59.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 117 Resp: 106025
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 33.1 26.6 39.8

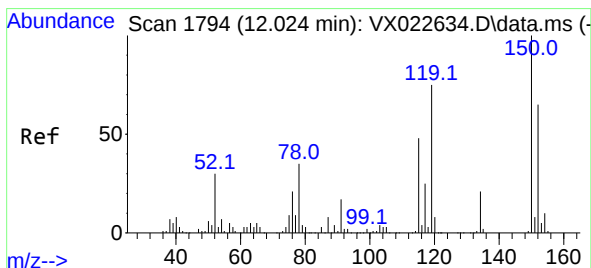
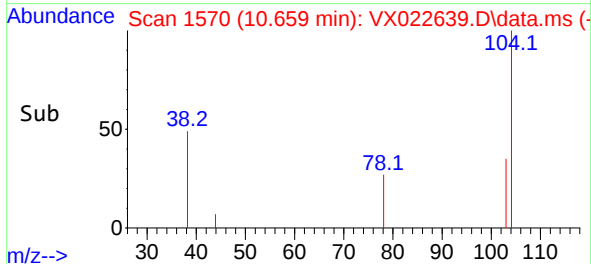
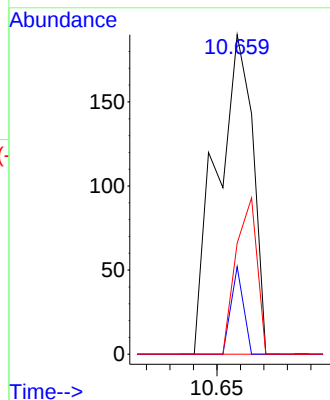
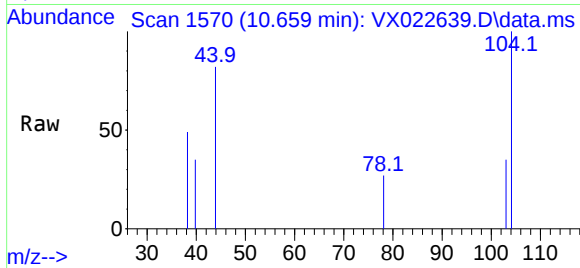




#70
Styrene
Concen: 1.529 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

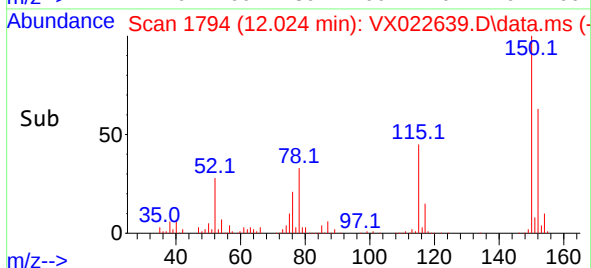
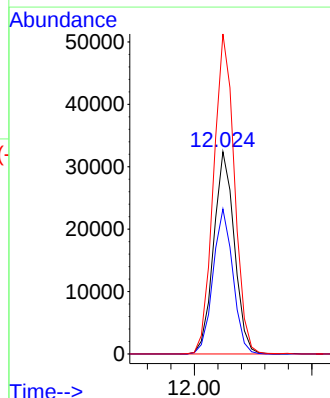
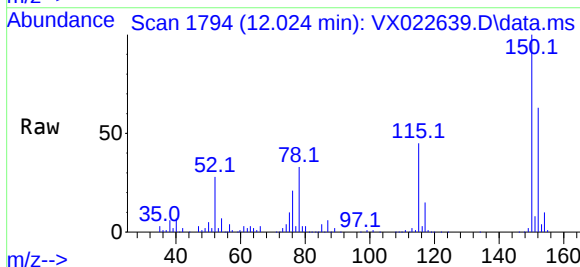
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

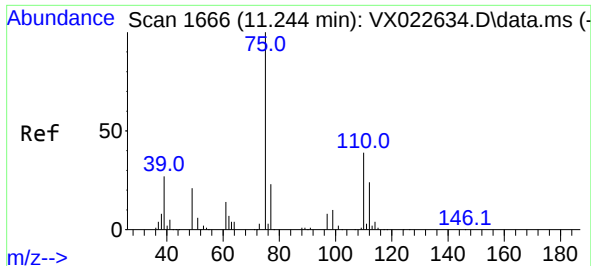
Tgt Ion:104	Resp:	202
Ion	Ratio	Lower Upper
104	100	
78	9.4	40.0 60.0#
103	28.7	43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion:152	Resp:	39731
Ion	Ratio	Lower Upper
152	100	
115	68.7	41.1 123.3
150	159.4	0.0 349.0

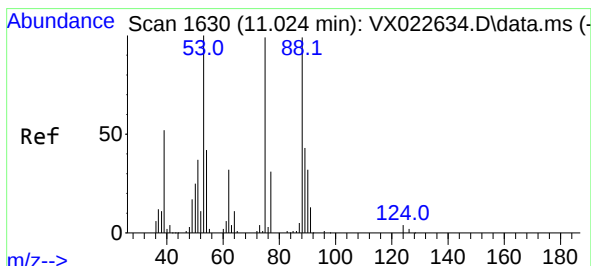
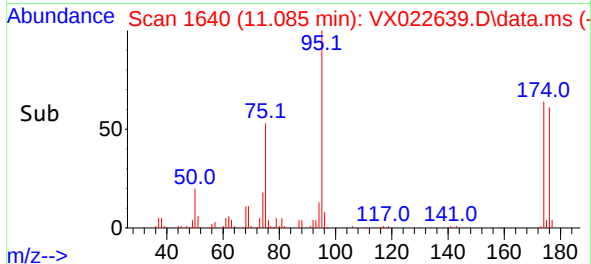
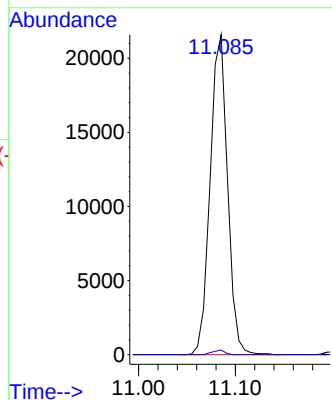
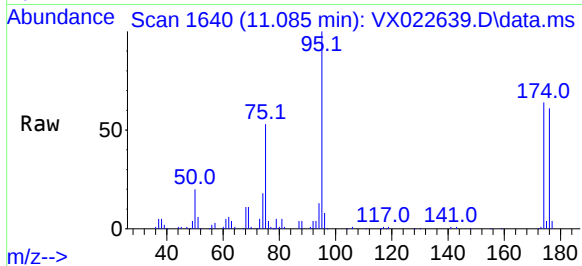




#76
1,2,3-Trichloropropane
Concen: 25.631 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

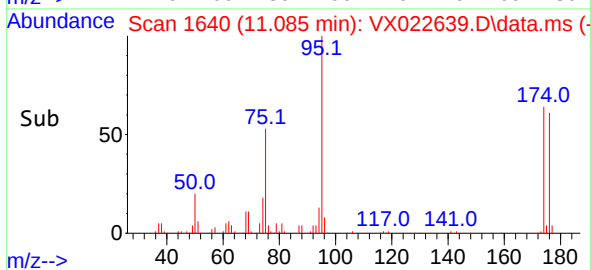
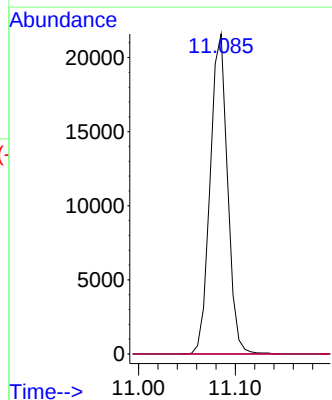
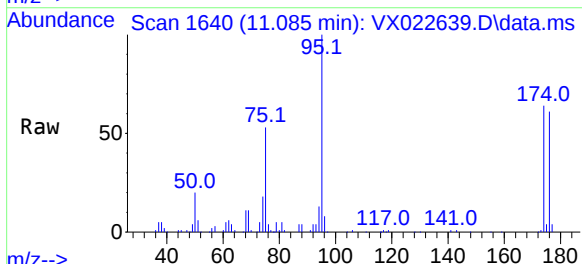
Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

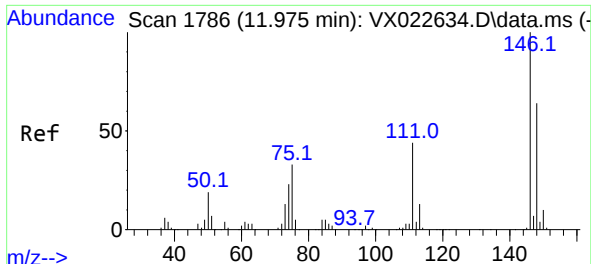
Tgt Ion: 75 Resp: 27000
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.384 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 75 Resp: 27000
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



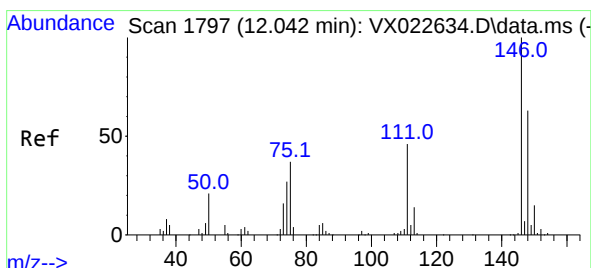
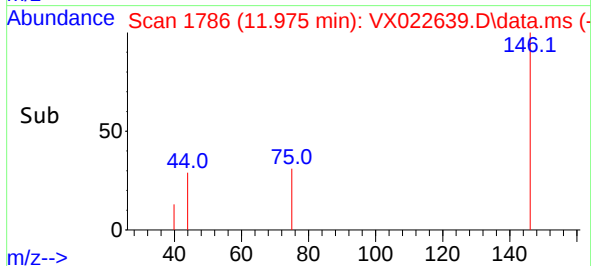
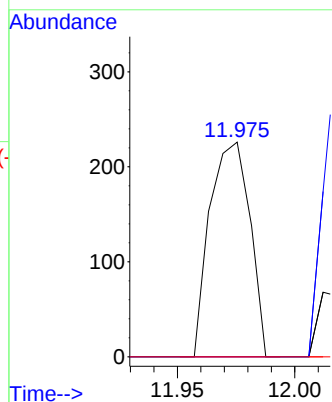
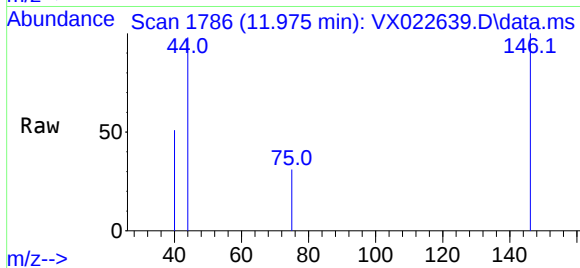


#87

1,3-Dichlorobenzene
Concen: 0.202 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

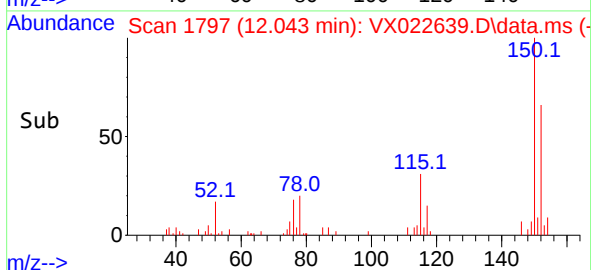
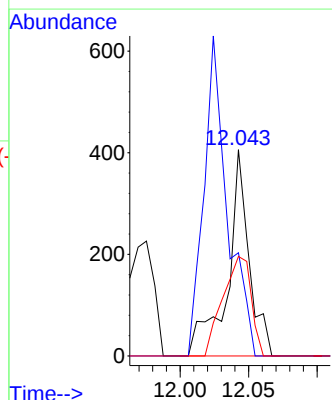
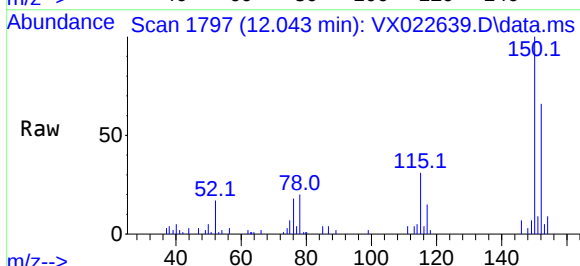
Tgt Ion:146 Resp: 267
Ion Ratio Lower Upper
146 100
111 0.0 20.2 60.5#
148 0.0 31.9 95.7#

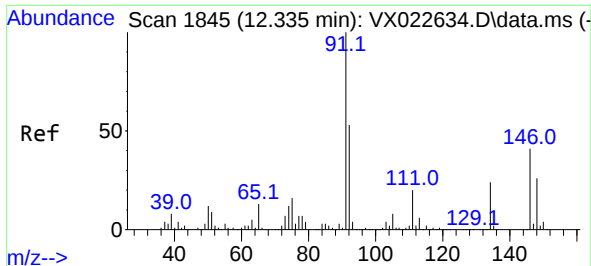


#88

1,4-Dichlorobenzene
Concen: 0.326 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion:146 Resp: 444
Ion Ratio Lower Upper
146 100
111 169.1 19.6 58.8#
148 63.3 31.6 95.0



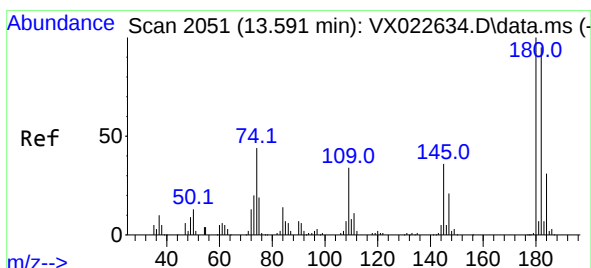
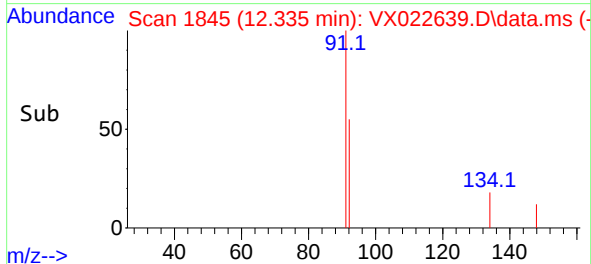
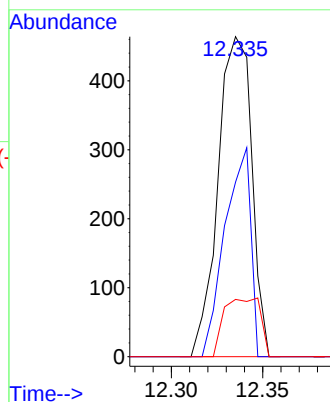
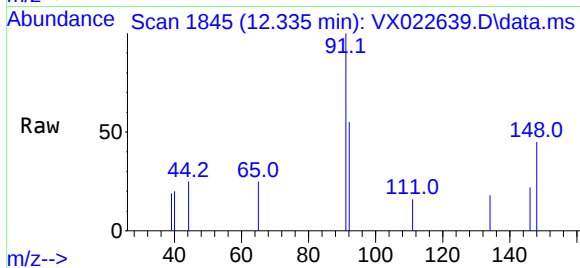


#89
n-Butylbenzene
Concen: 0.226 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

Tgt Ion: 91 Resp: 596

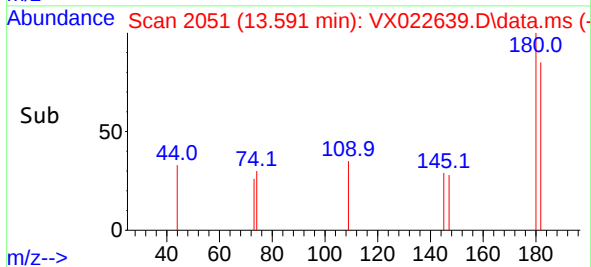
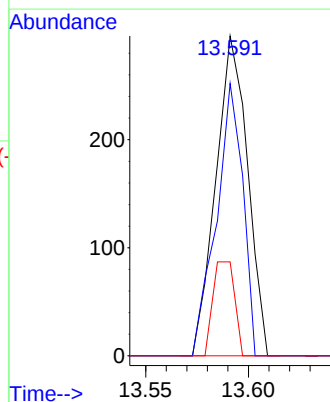
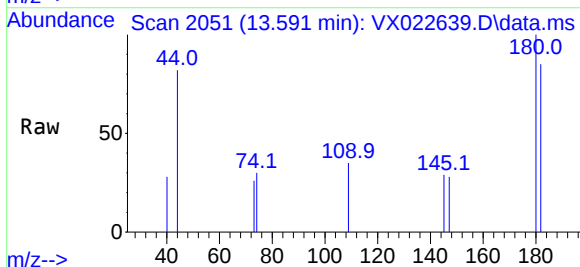
Ion	Ratio	Lower	Upper
91	100		
92	49.8	27.4	82.0
134	19.6	13.2	39.5

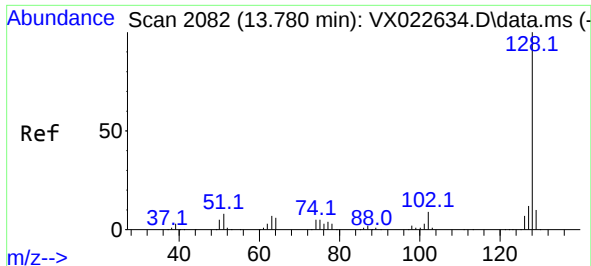


#93
1,2,4-Trichlorobenzene
Concen: 0.411 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion: 180 Resp: 318

Ion	Ratio	Lower	Upper
180	100		
182	70.8	47.7	143.1
145	20.1	15.0	45.0

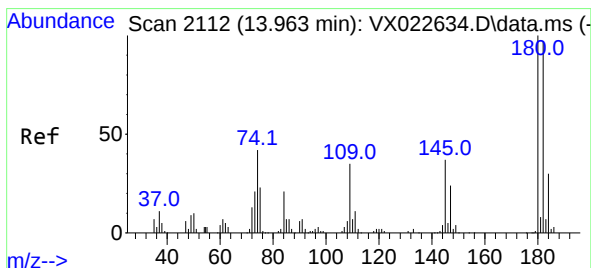
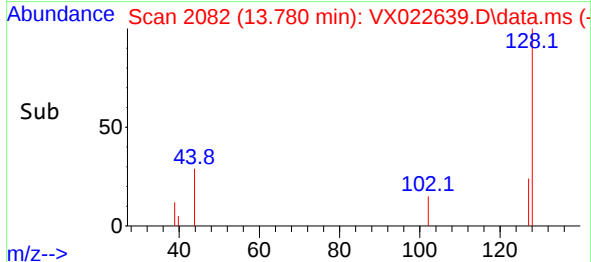
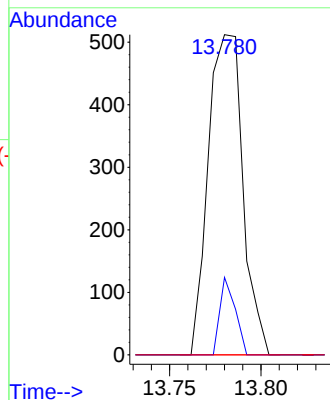
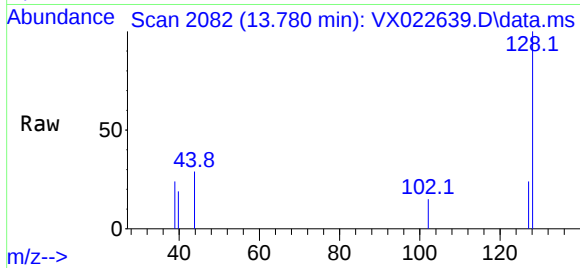




#95
Naphthalene
Concen: 1.669 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0610MBL01

Tgt Ion:128 Resp: 676
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.320 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX022639.D
Acq: 10 Jun 2021 13:13

Tgt Ion:180 Resp: 241
Ion Ratio Lower Upper
180 100
182 74.7 47.6 142.9
145 31.1 16.1 48.3

