

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024380.D
 Acq On : 21 Sep 2021 11:09
 Operator : JC/MD
 Sample : VX0921MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 21 15:38:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

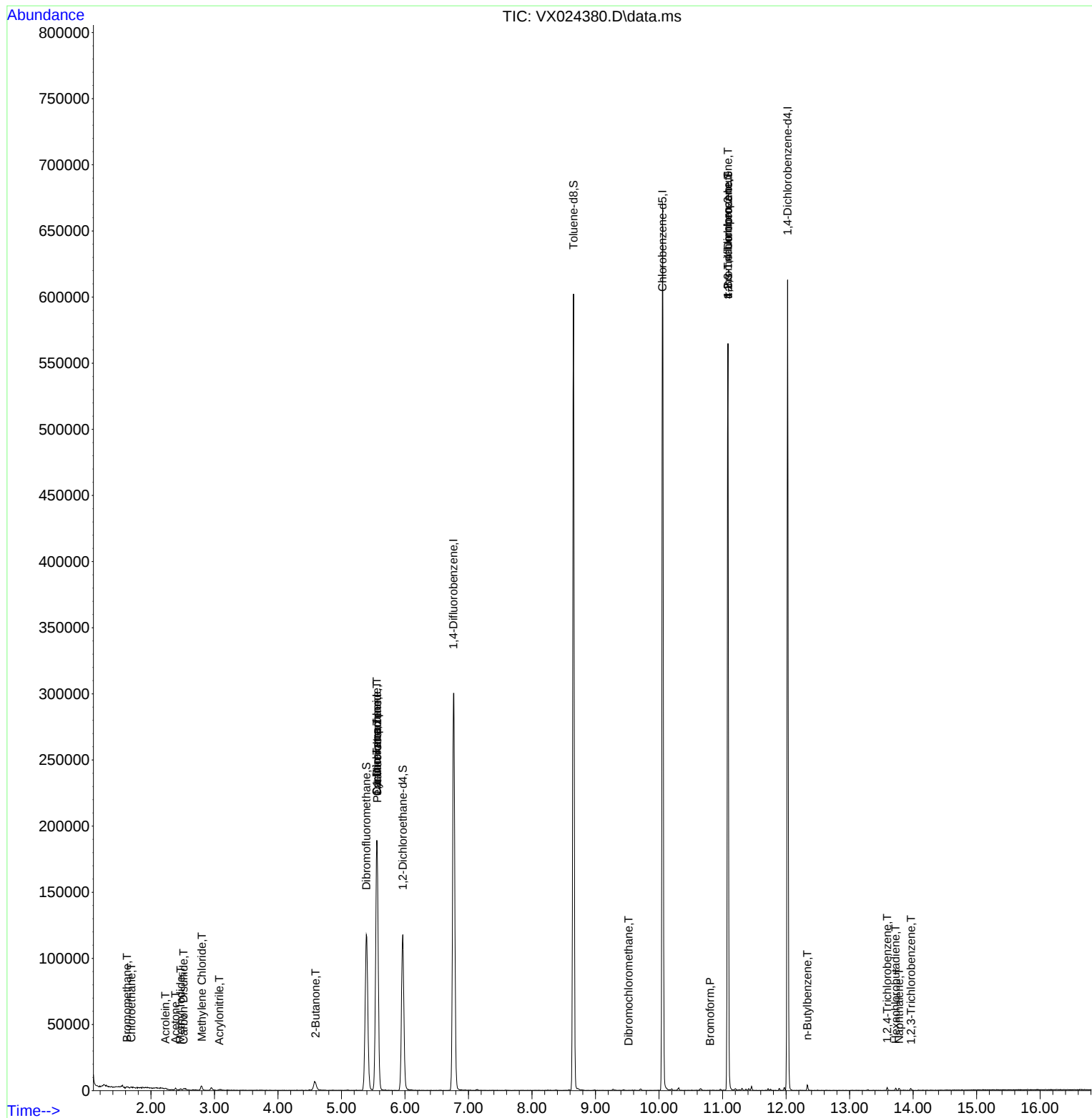
Internal Standards						
1) Pentafluorobenzene	5.562	168	177510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118537	46.830	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.660%		
35) Dibromofluoromethane	5.391	113	103799	50.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.653	98	340931	45.457	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.920%#		
62) 4-Bromofluorobenzene	11.085	95	148820	50.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.980%		
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	621	0.588	ug/l	98
6) Chloroethane	1.691	64	372	0.318	ug/l #	43
10) Methyl Iodide	2.465	142	1164	0.481	ug/l #	84
11) Tert butyl alcohol	2.953	59	1300	Below Cal	#	73
13) Acrolein	2.227	56	64	0.384	ug/l #	75
15) Acrylonitrile	3.075	53	263	0.254	ug/l #	79
16) Acetone	2.386	43	1296	1.201	ug/l	99
17) Carbon Disulfide	2.514	76	1469	0.358	ug/l #	93
20) Methylene Chloride	2.800	84	1645	0.794	ug/l #	83
25) 2-Butanone	4.593	43	537	0.338	ug/l #	45
31) Cyclohexane	5.556	56	3733	1.261	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14235	5.044	ug/l #	48
38) Carbon Tetrachloride	5.556	117	17939	5.647	ug/l #	17
60) Dibromochloromethane	9.519	129	43	1.742	ug/l #	11
71) Bromoform	10.805	173	48	1.149	ug/l #	29
76) 1,2,3-Trichloropropane	11.085	75	75620	26.966	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	75620	79.308	ug/l #	12
89) n-Butylbenzene	12.335	91	1380	0.205	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	740	0.313	ug/l	86
94) Hexachlorobutadiene	13.725	225	340	0.288	ug/l	95
95) Naphthalene	13.780	128	1320	1.435	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	495	0.208	ug/l	92

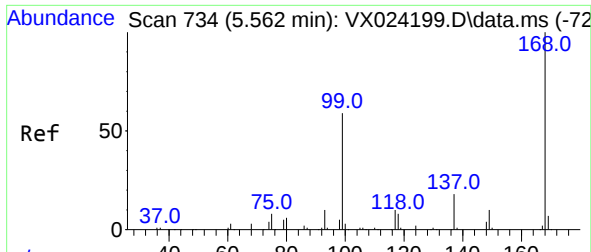
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

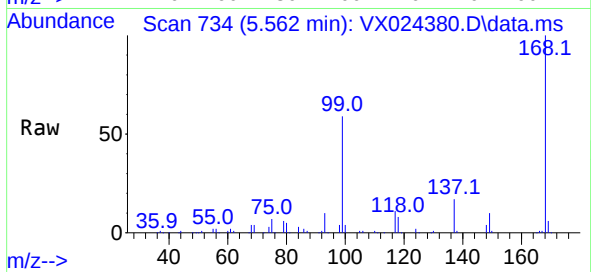
Quant Time: Sep 21 15:38:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration



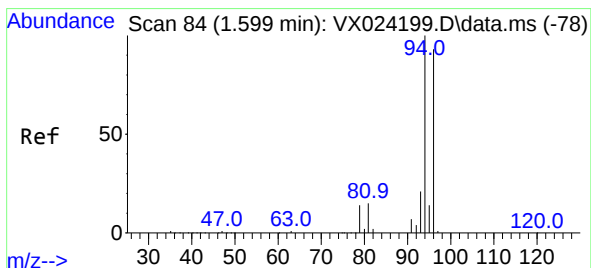
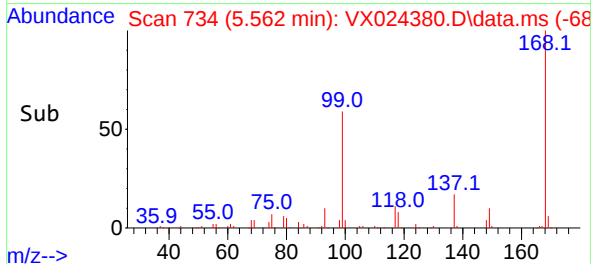
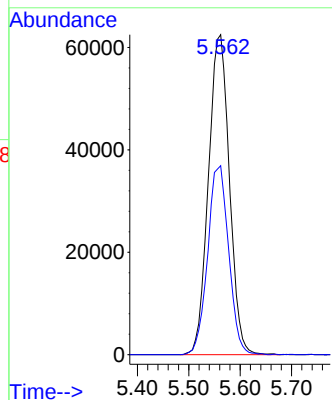


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Instrument :
MSVOA_X
ClientSampled :

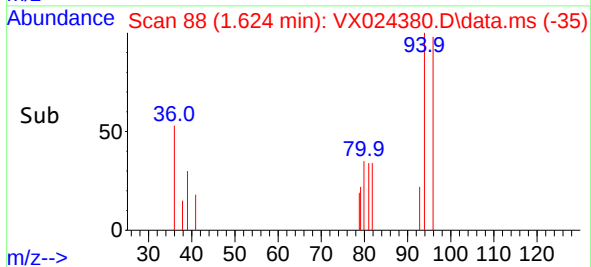
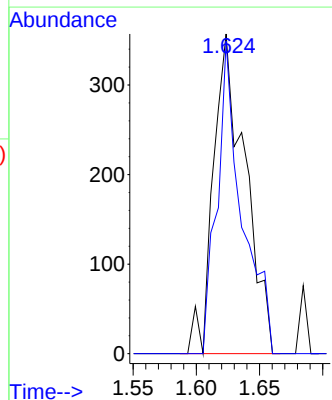
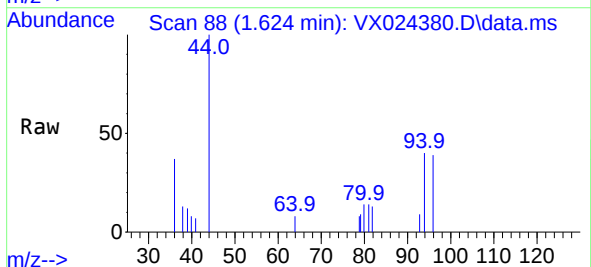


Tgt Ion:168 Resp: 177510
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6

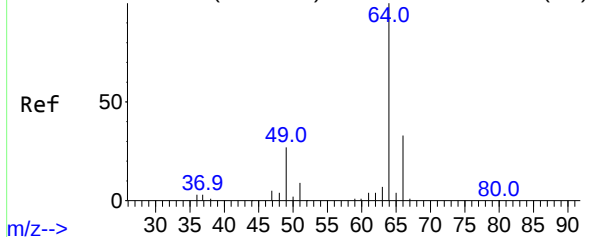


#5
Bromomethane
Concen: 0.588 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 94 Resp: 621
Ion Ratio Lower Upper
94 100
96 97.8 76.4 114.6



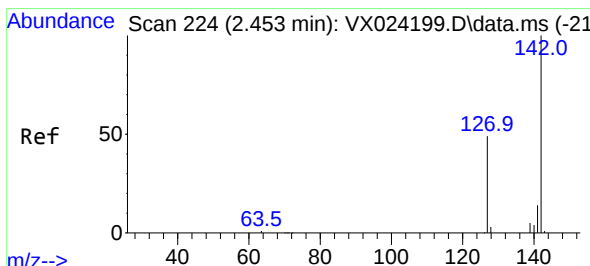
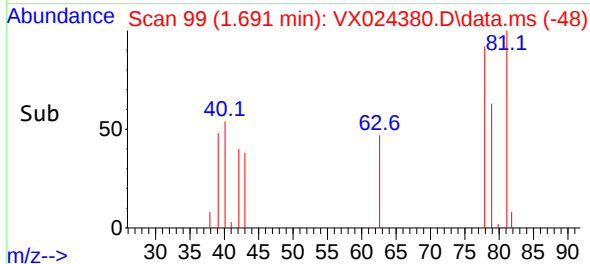
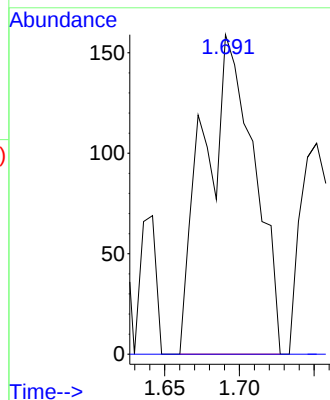
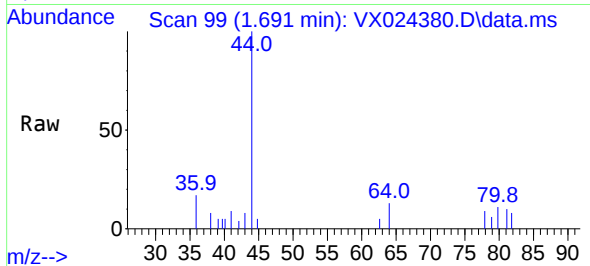
Abundance Scan 97 (1.679 min): VX024199.D\data.ms (-89)



#6
Chloroethane
Concen: 0.318 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

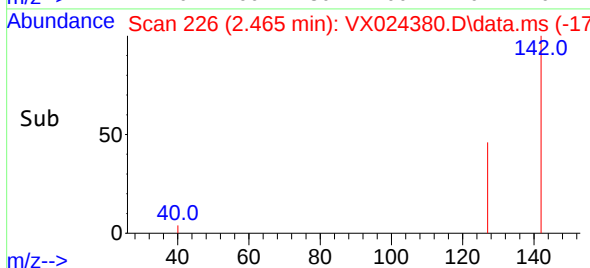
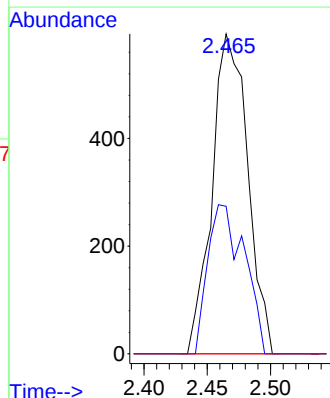
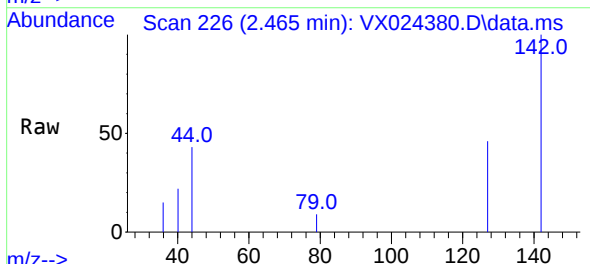
Tgt Ion: 64 Resp: 372
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

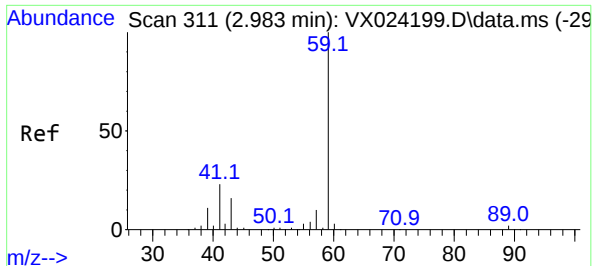
Instrument :
MSVOA_X
ClientSampled :



#10
Methyl Iodide
Concen: 0.481 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 142 Resp: 1164
Ion Ratio Lower Upper
142 100
127 47.9 33.3 49.9
141 0.0 11.4 17.0#

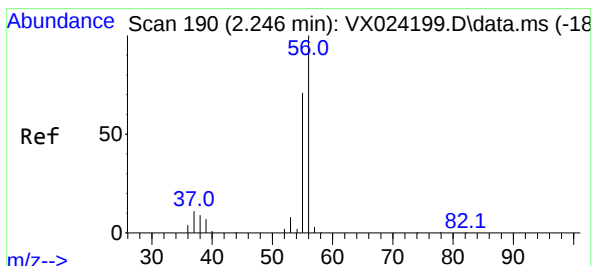
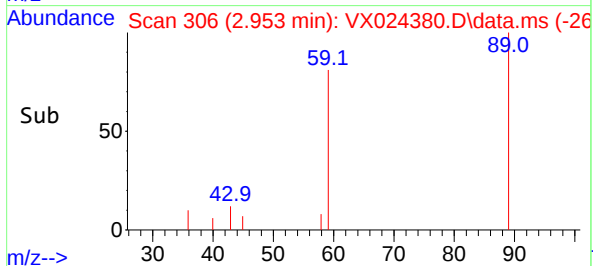
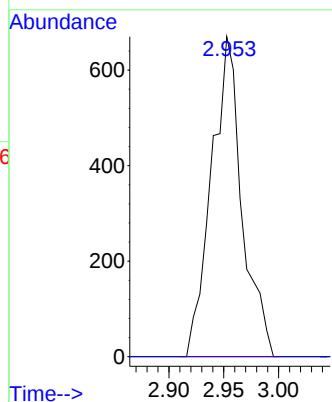
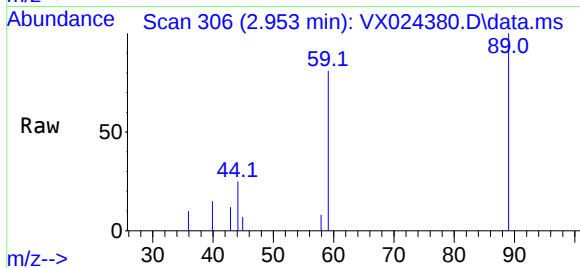




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

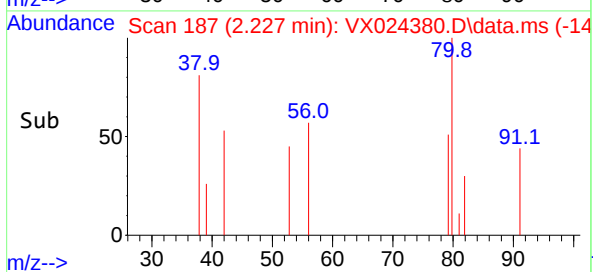
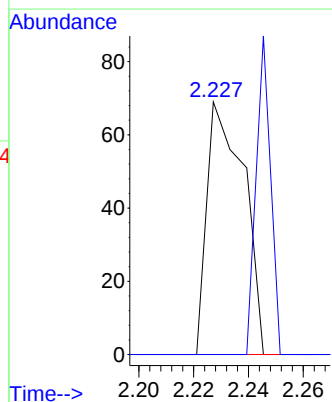
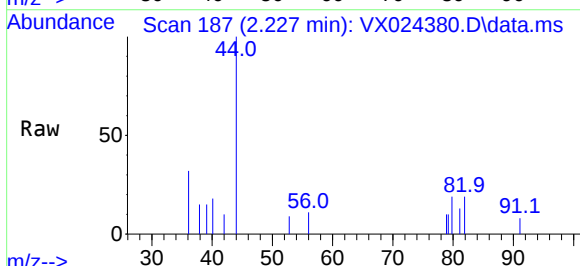
Instrument :
MSVOA_X
ClientSampled :

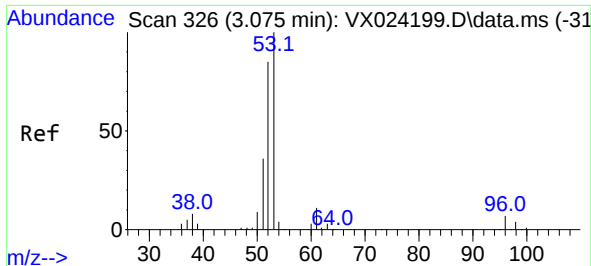
Tgt Ion: 59 Resp: 1300
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.384 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.019 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 50.0 56.4 84.6#

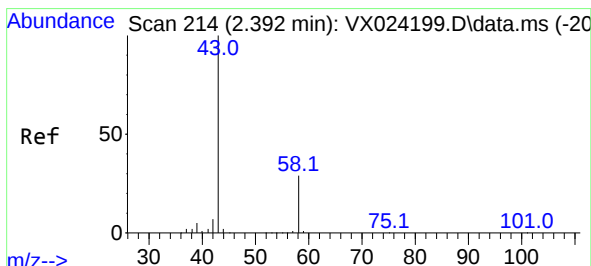
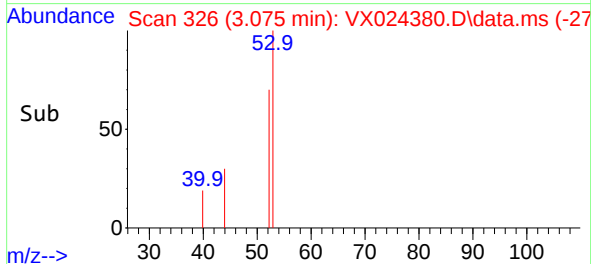
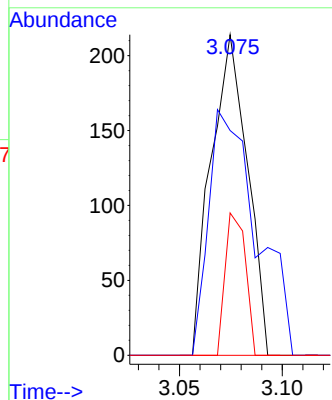
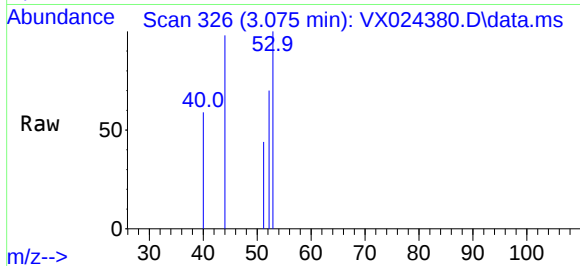




#15
Acrylonitrile
Concen: 0.254 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

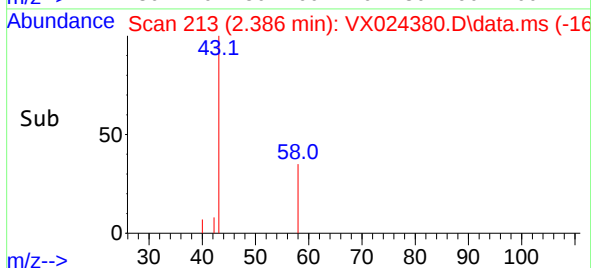
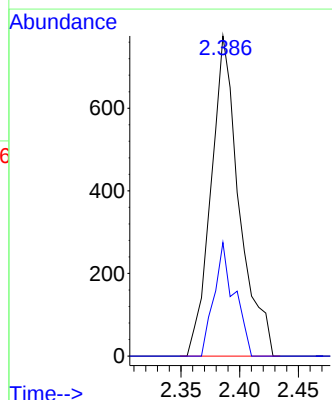
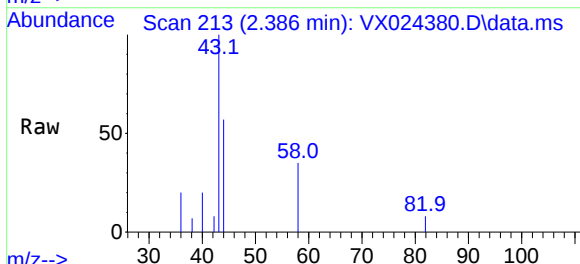
Instrument :
MSVOA_X
ClientSampled :

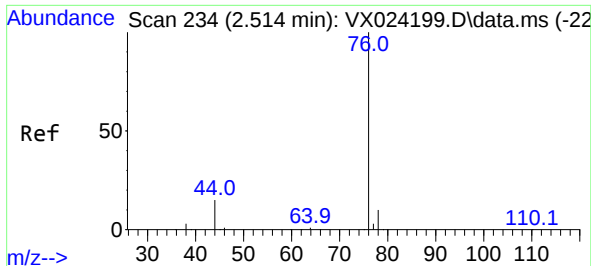
Tgt Ion: 53 Resp: 263
Ion Ratio Lower Upper
53 100
52 101.5 65.3 97.9#
51 24.7 28.2 42.2#



#16
Acetone
Concen: 1.201 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8

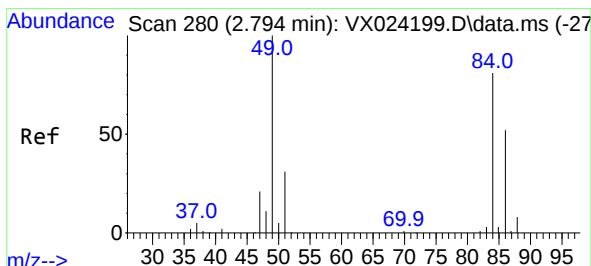
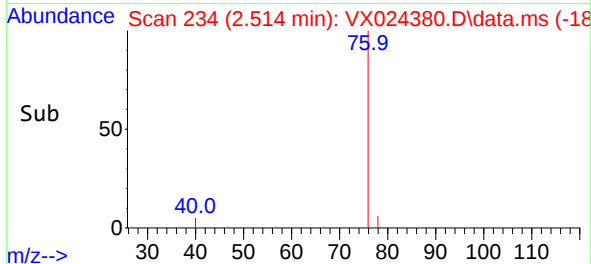
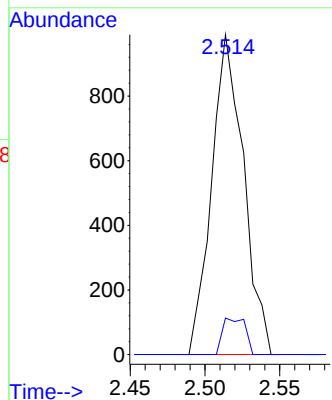
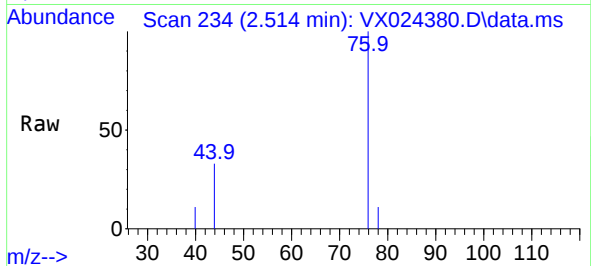




#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

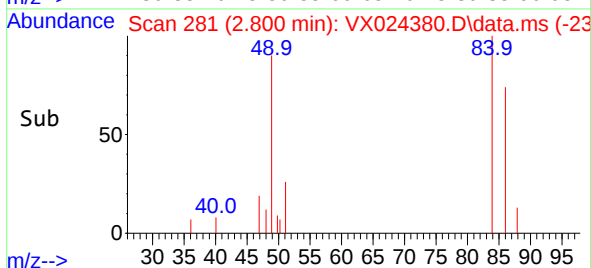
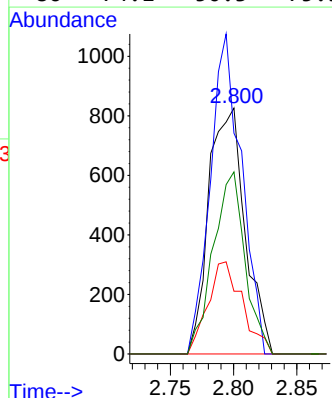
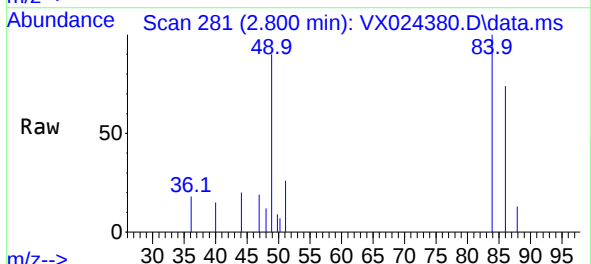
Instrument :
MSVOA_X
ClientSampled :

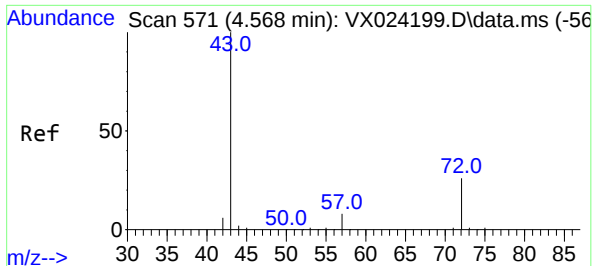
Tgt Ion: 76 Resp: 1469
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#20
Methylene Chloride
Concen: 0.794 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 84 Resp: 1645
Ion Ratio Lower Upper
84 100
49 89.8 88.6 132.8
51 25.5 27.0 40.6#
86 74.1 50.3 75.5

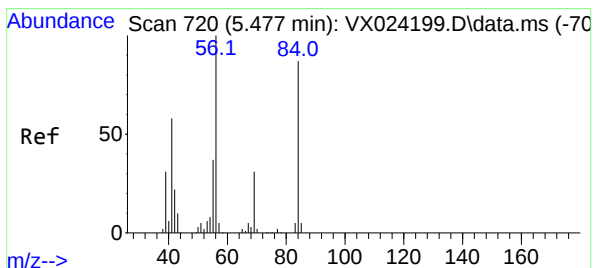
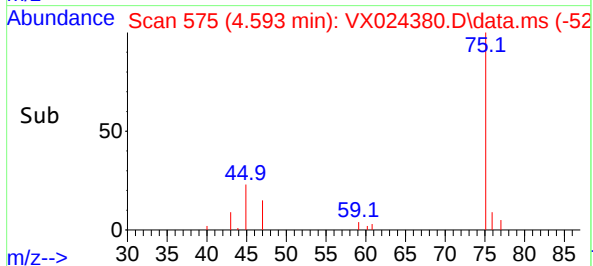
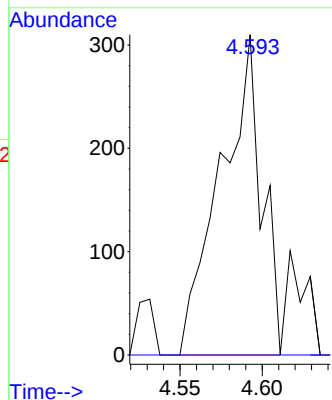
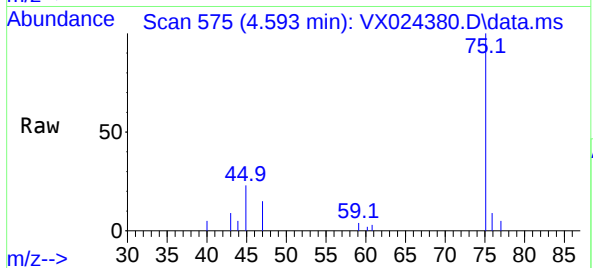




#25
2-Butanone
Concen: 0.338 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

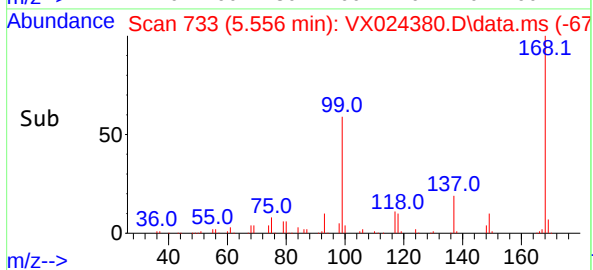
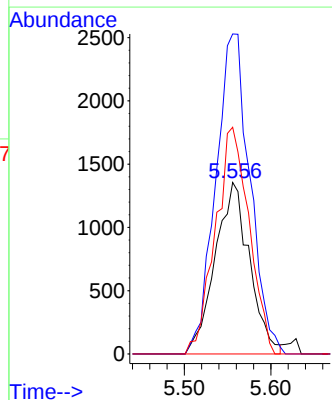
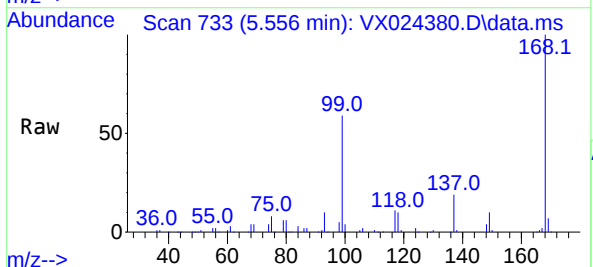
Instrument :
MSVOA_X
ClientSampled :

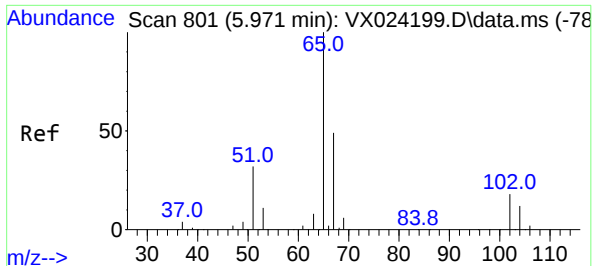
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 56 Resp: 3733
Ion Ratio Lower Upper
56 100
69 186.6 25.3 37.9#
84 132.3 71.4 107.0#



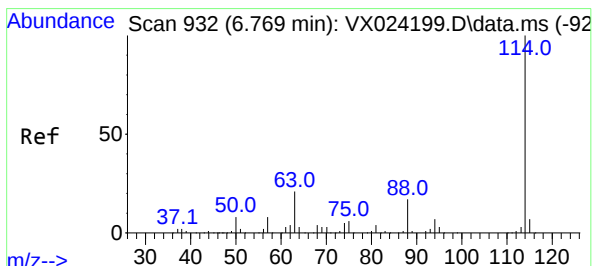
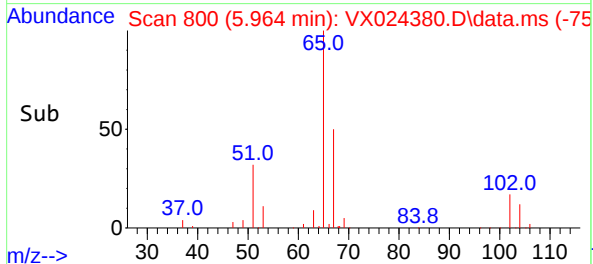
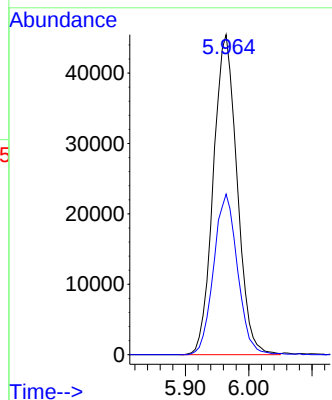
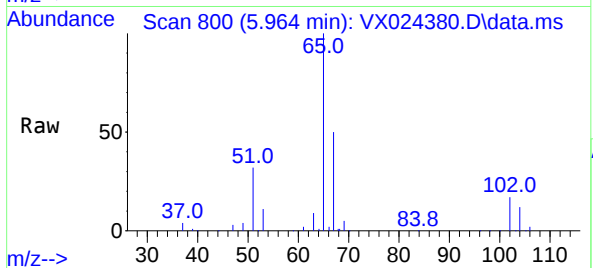


#33

1,2-Dichloroethane-d4
Concen: 46.830 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Instrument :
MSVOA_X
ClientSampled :

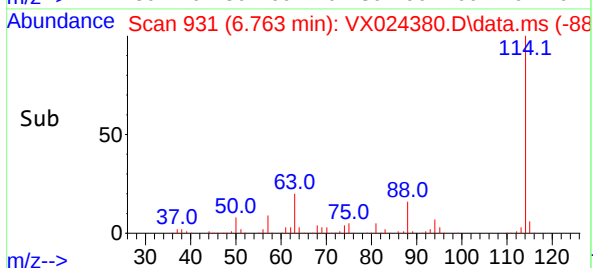
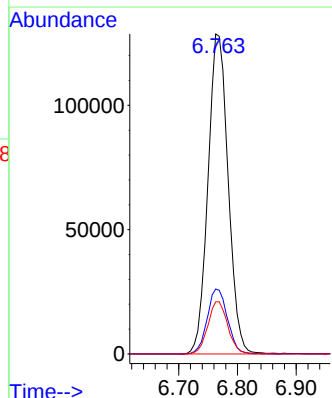
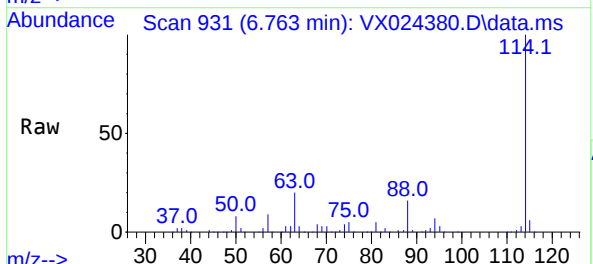
Tgt Ion: 65 Resp: 118537
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

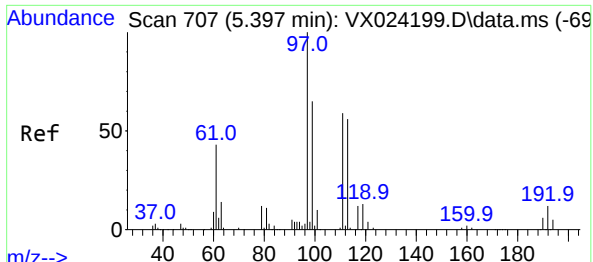


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 114 Resp: 306986
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.418 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024380.D

Acq: 21 Sep 2021 11:09

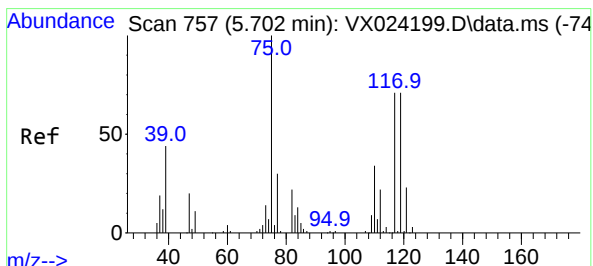
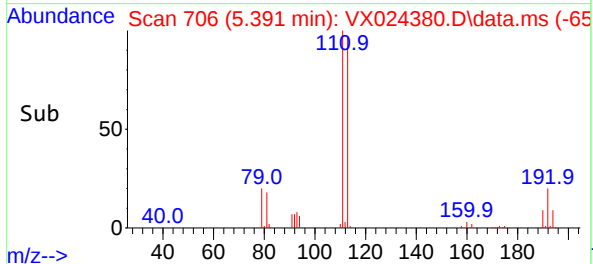
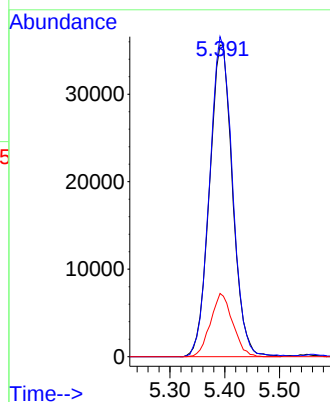
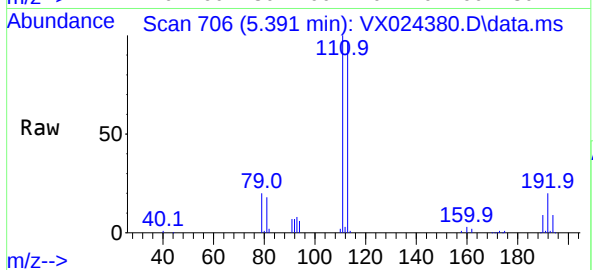
Tgt Ion:113 Resp: 103799

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.044 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024380.D

Acq: 21 Sep 2021 11:09

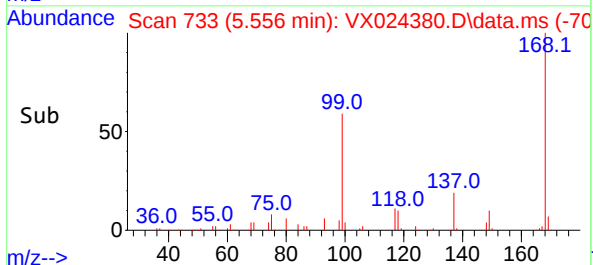
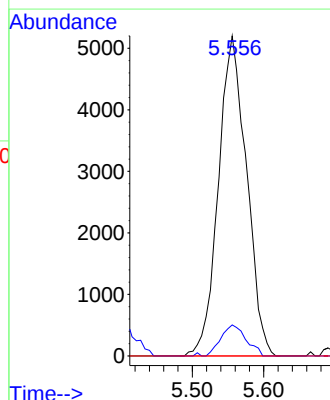
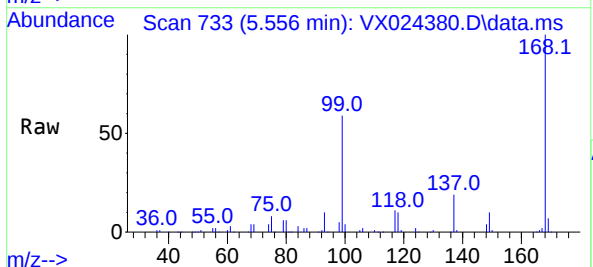
Tgt Ion: 75 Resp: 14235

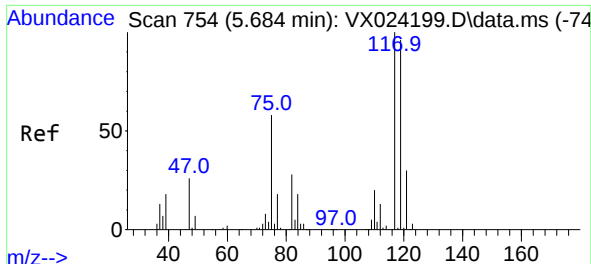
Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

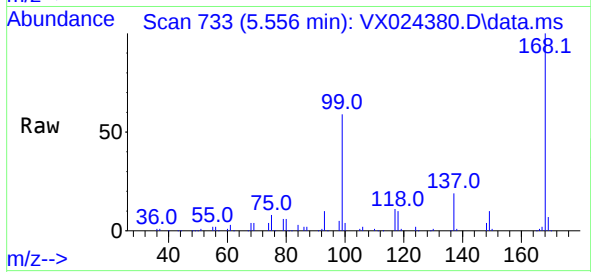
77 0.0 25.3 37.9#



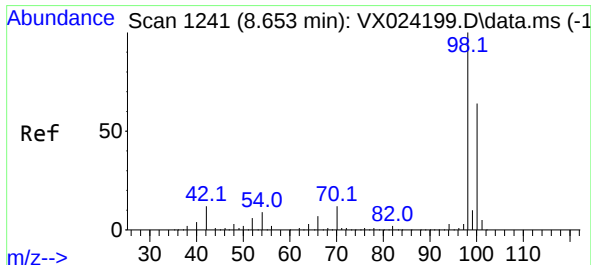
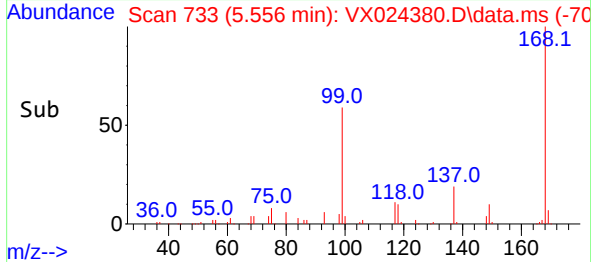
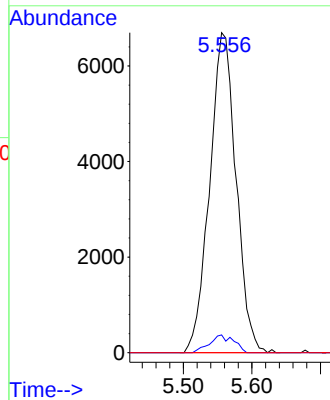


#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Instrument :
MSVOA_X
ClientSampled :

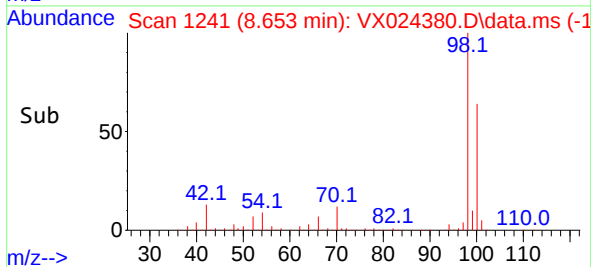
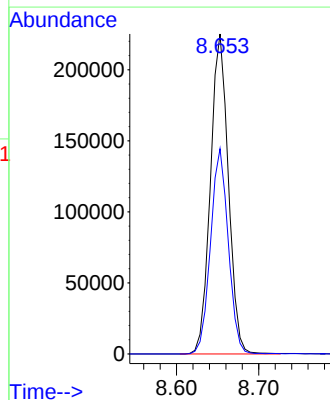
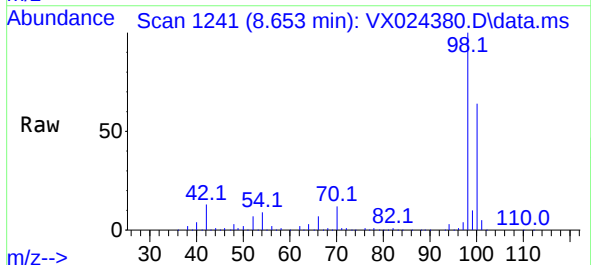


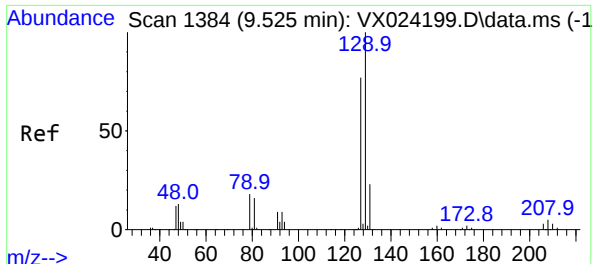
Tgt Ion:117 Resp: 17939
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.457 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 98 Resp: 340931
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

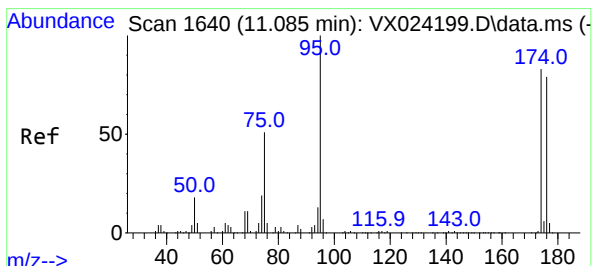
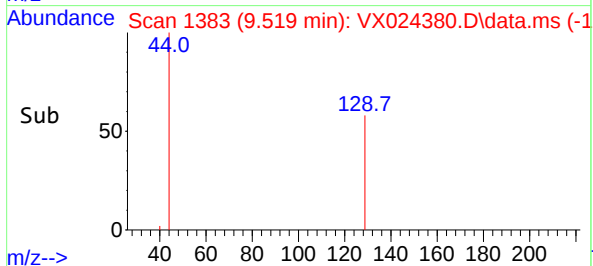
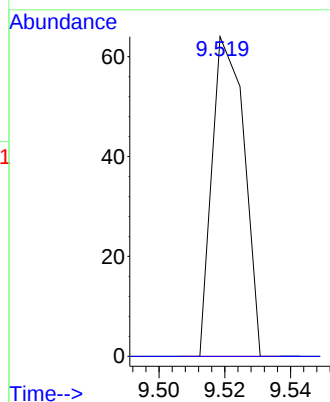
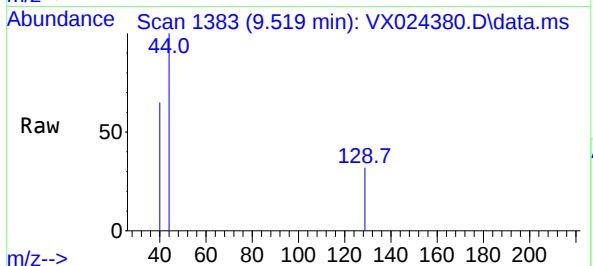




#60
Dibromochloromethane
Concen: 1.742 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

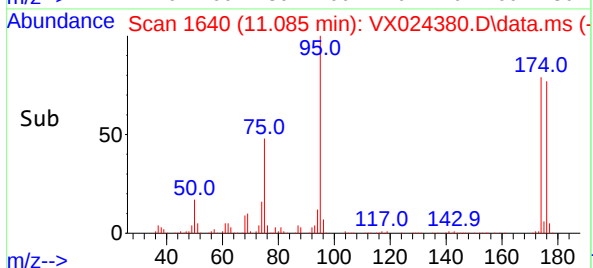
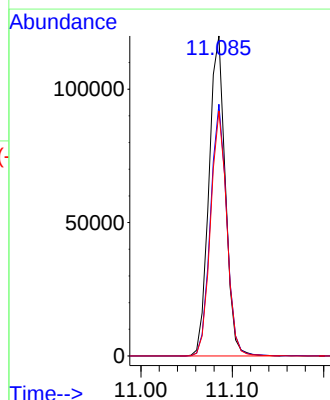
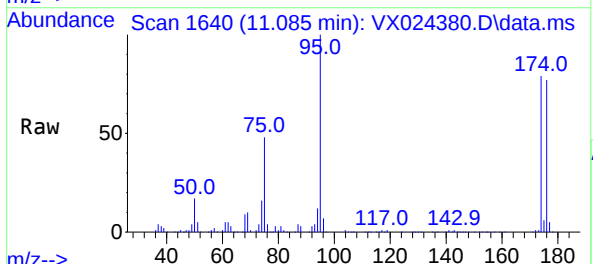
Instrument :
MSVOA_X
ClientSampled :

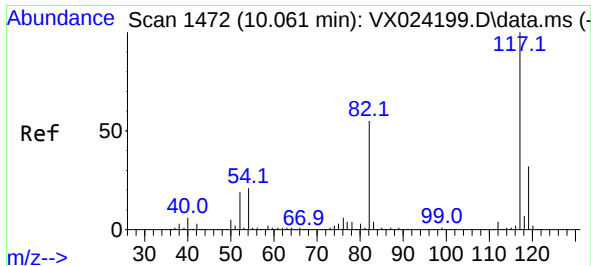
Tgt Ion:129 Resp: 43
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.987 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 95 Resp: 148820
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.7 0.0 155.8

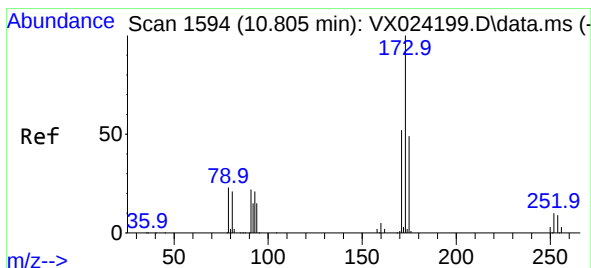
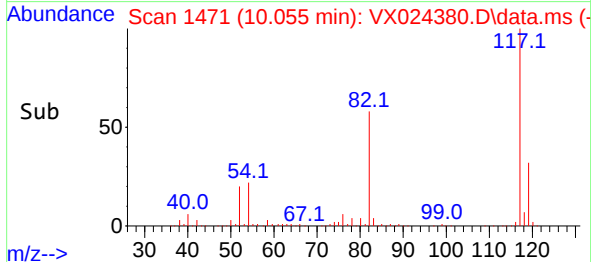
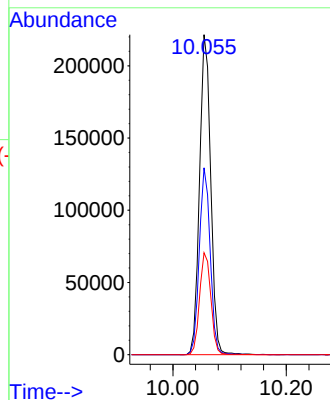
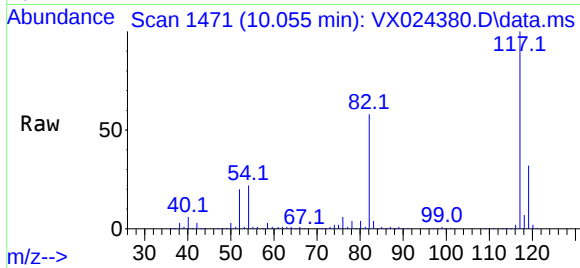




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

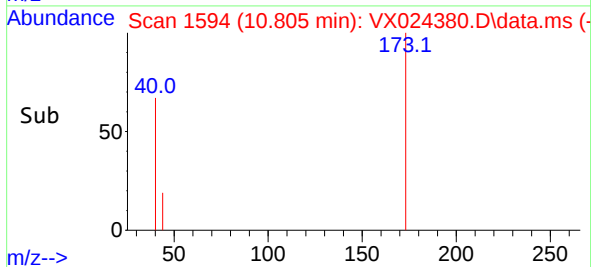
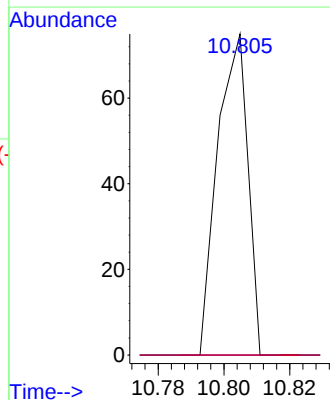
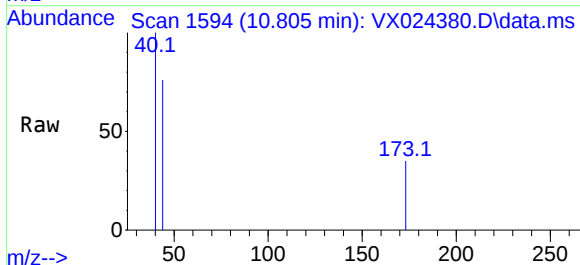
Instrument :
MSVOA_X
ClientSampled :

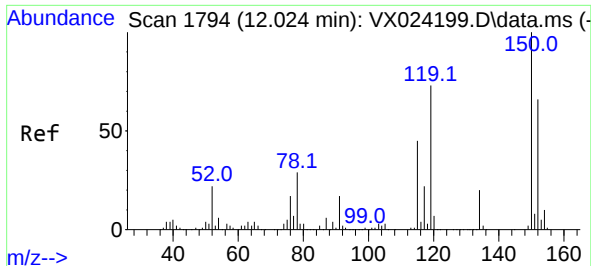
Tgt Ion:117 Resp: 302408
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.8 26.6 39.8



#71
Bromoform
Concen: 1.149 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion:173 Resp: 48
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.1 0.1#

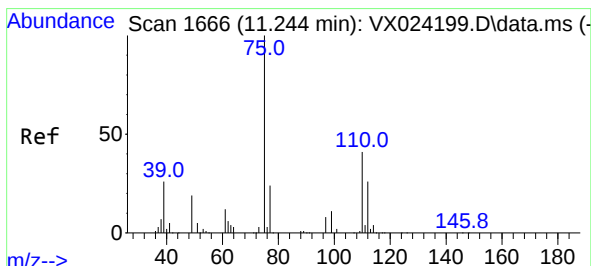
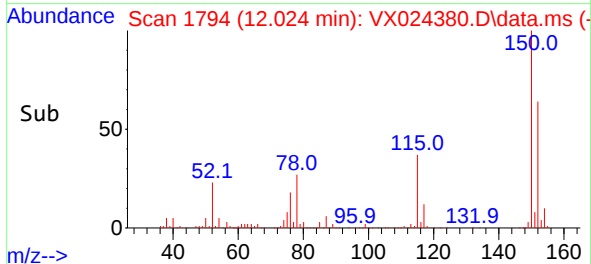
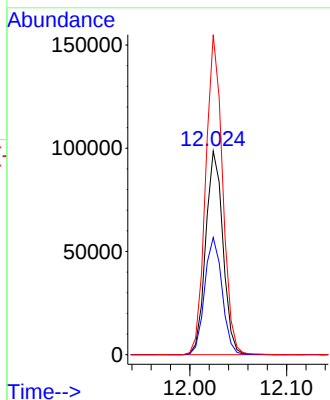
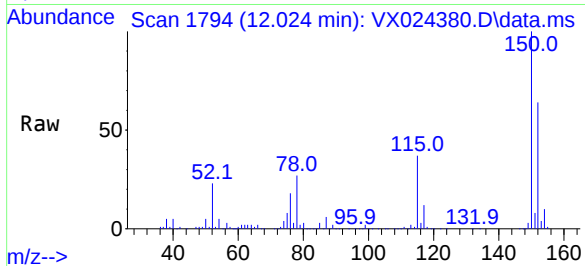




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

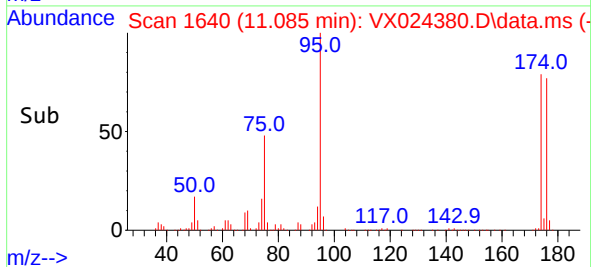
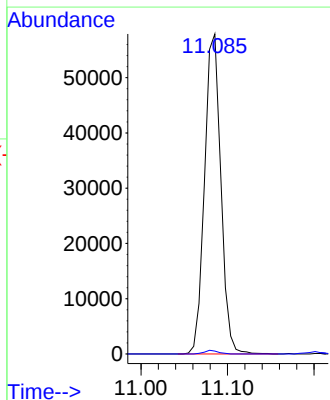
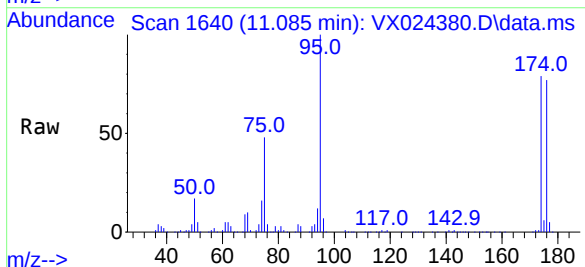
Instrument :
MSVOA_X
ClientSampled :

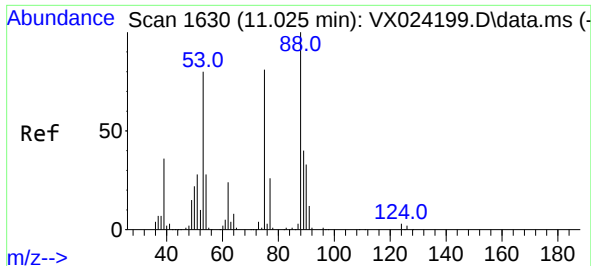
Tgt Ion:152 Resp: 121955
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 154.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.966 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Tgt Ion: 75 Resp: 75620
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

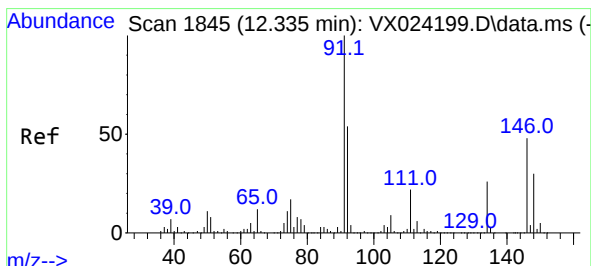
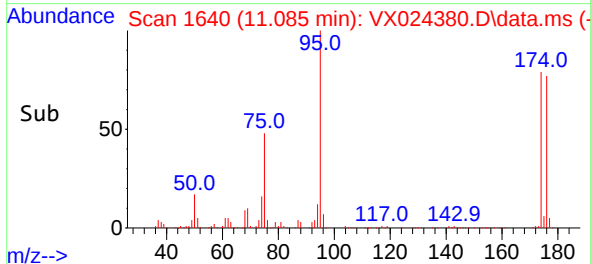
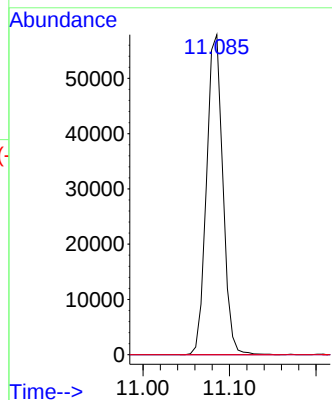
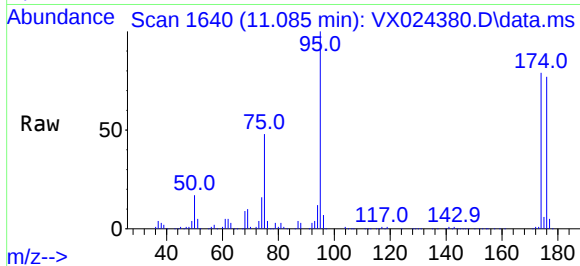




#81
trans-1,4-Dichloro-2-butene
Concen: 79.308 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

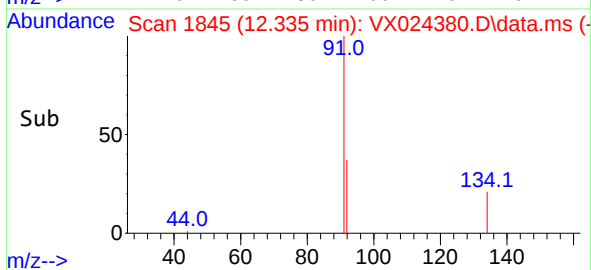
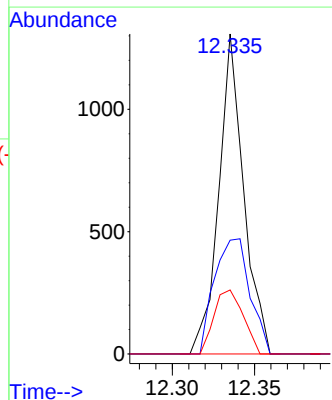
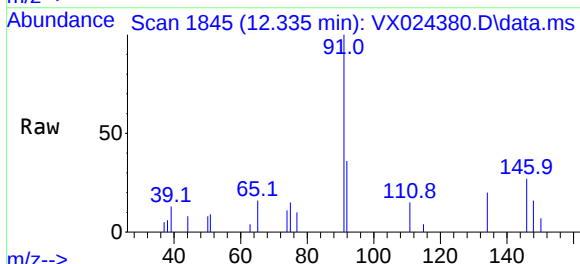
Instrument :
MSVOA_X
ClientSampled :

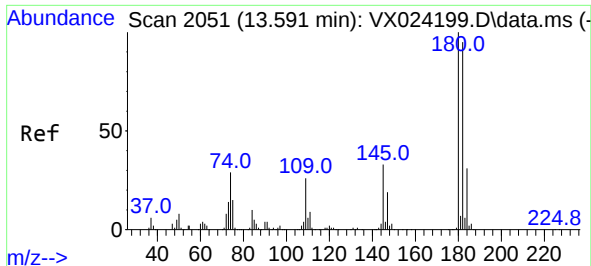
Tgt Ion: 75 Resp: 75620
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#89
n-Butylbenzene
Concen: 0.205 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

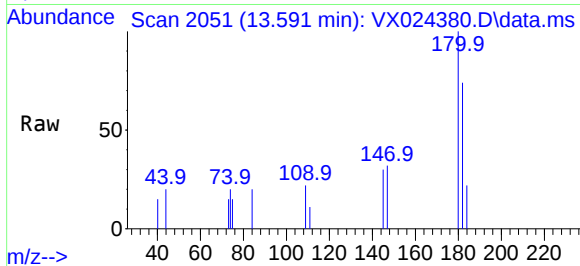
Tgt Ion: 91 Resp: 1380
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 23.4 13.2 39.5



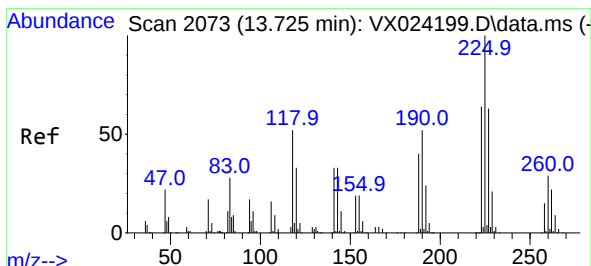
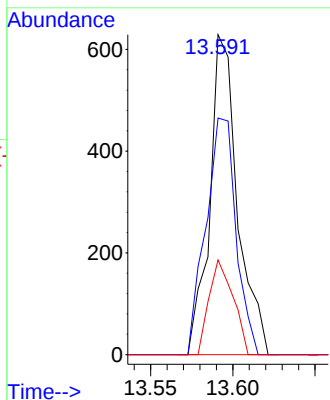
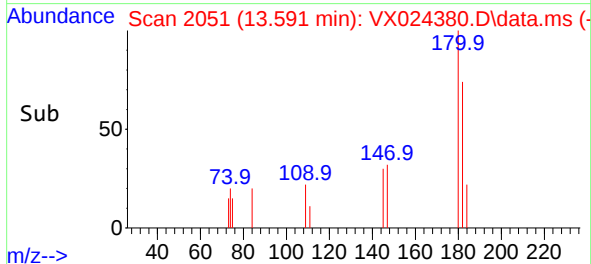


#93
1,2,4-Trichlorobenzene
Concen: 0.313 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

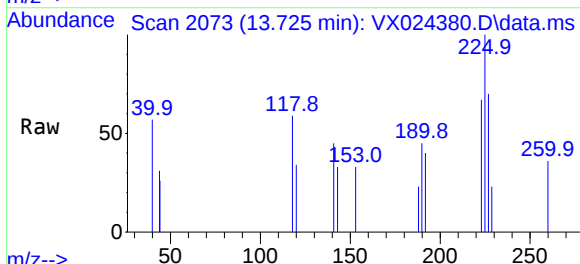
Instrument :
MSVOA_X
ClientSampled :



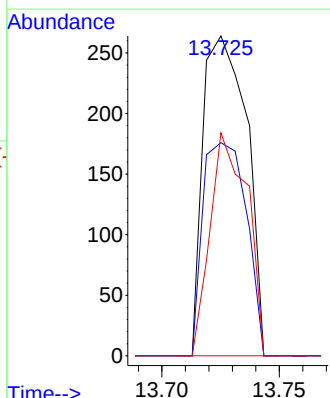
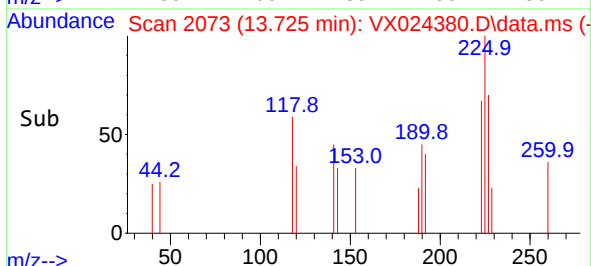
Tgt Ion:180 Resp: 740
Ion Ratio Lower Upper
180 100
182 80.1 47.7 143.1
145 25.5 15.0 45.0

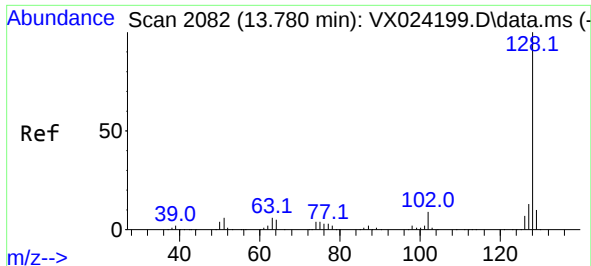


#94
Hexachlorobutadiene
Concen: 0.288 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09



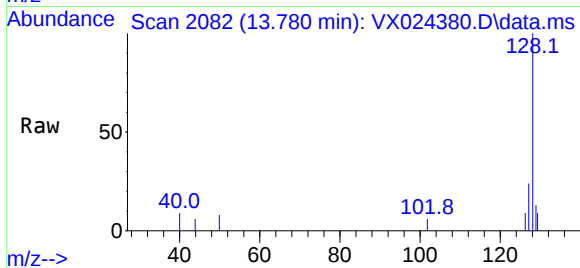
Tgt Ion:225 Resp: 340
Ion Ratio Lower Upper
225 100
223 66.2 31.1 93.2
227 59.4 31.6 95.0





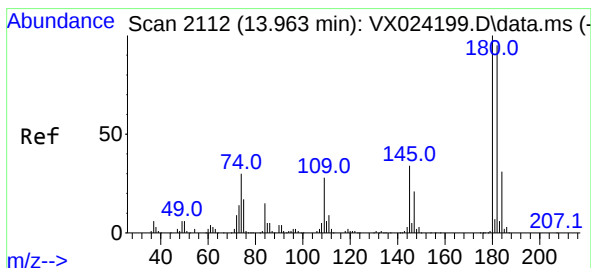
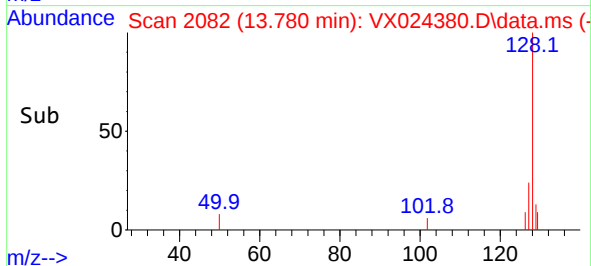
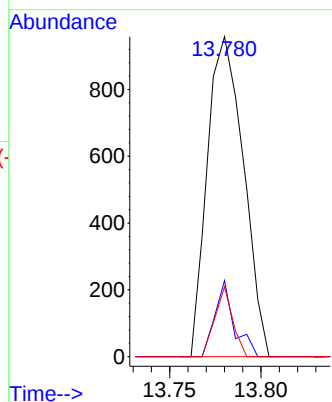
#95
Naphthalene
Concen: 1.435 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09

Instrument :
MSVOA_X
ClientSampled :

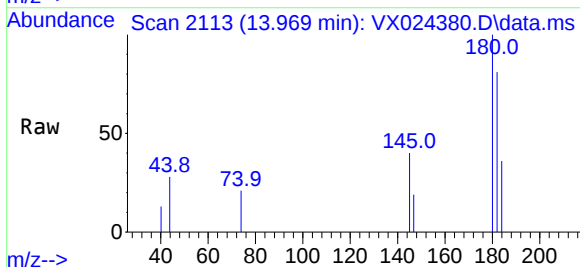


Tgt Ion:128 Resp: 1320

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX024380.D
Acq: 21 Sep 2021 11:09



Tgt Ion:180 Resp: 495

Ion	Ratio	Lower	Upper
180	100		
182	101.8	47.6	142.9
145	39.0	16.1	48.3

