

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022976.D
 Acq On : 28 Jun 2021 13:51
 Operator : JC/MD
 Sample : M2803-18DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20210621DL

Quant Time: Jun 29 03:05:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

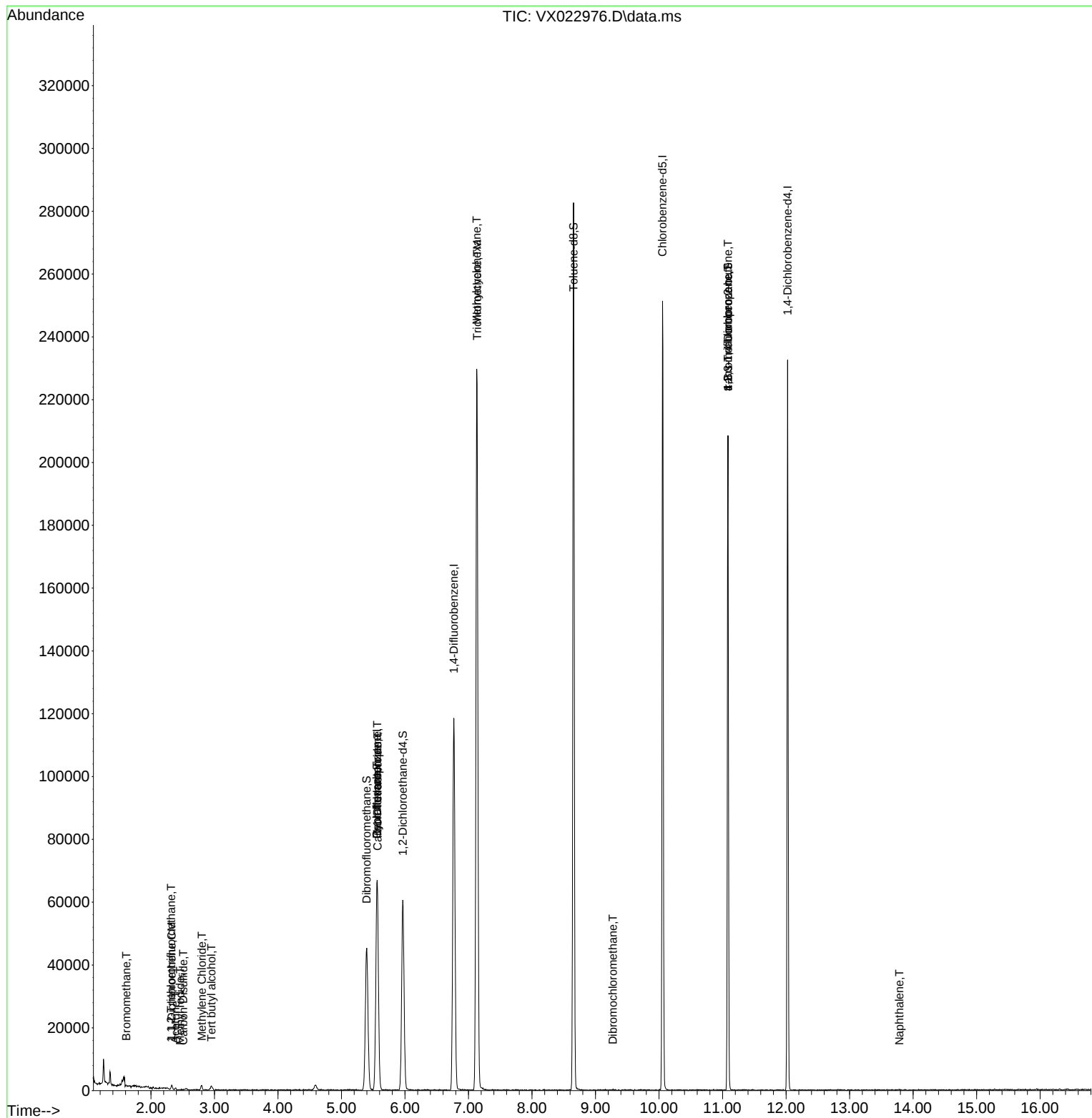
Internal Standards						
1) Pentafluorobenzene	5.556	168	54724	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57277	57.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.340%
35) Dibromofluoromethane	5.397	113	39332	54.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.420%
50) Toluene-d8	8.653	98	156866	55.671	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.340%
62) 4-Bromofluorobenzene	11.085	95	54149	51.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.980%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	157	0.364	ug/l	# 44
9) 1,1,2-Trichlorotrifluo...	2.319	101	346	0.486	ug/l	# 72
10) Methyl Iodide	2.459	142	55	3.938	ug/l	# 89
11) Tert butyl alcohol	2.953	59	876	4.232	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	235	0.331	ug/l	# 60
16) Acetone	2.386	43	597	1.356	ug/l	97
17) Carbon Disulfide	2.508	76	67	3.548	ug/l	# 75
20) Methylene Chloride	2.800	84	627	1.085	ug/l	# 71
31) Cyclohexane	5.556	56	1548	1.104	ug/l	# 15
36) 1,1-Dichloropropene	5.562	75	5974	4.968	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	6560	6.504	ug/l	# 16
39) Methylcyclohexane	7.129	83	1205	0.859	ug/l	# 1
44) Trichloroethene	7.135	130	78738	95.749	ug/l	89
60) Dibromochloromethane	9.275	129	60	3.718	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	29705	28.775	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29705	74.113	ug/l	# 12
95) Naphthalene	13.786	128	251	1.998	ug/l	# 69

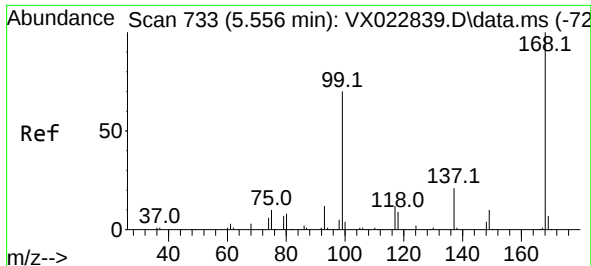
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE105D2-20210621DL

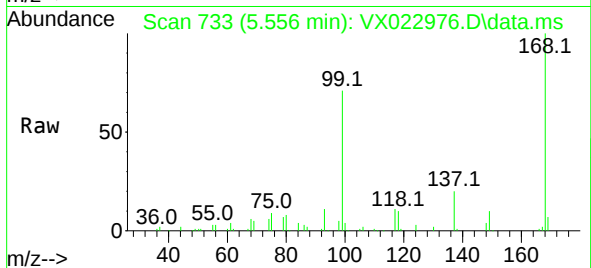
Quant Time: Jun 29 03:05:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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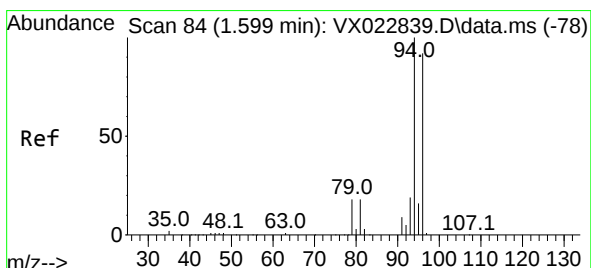
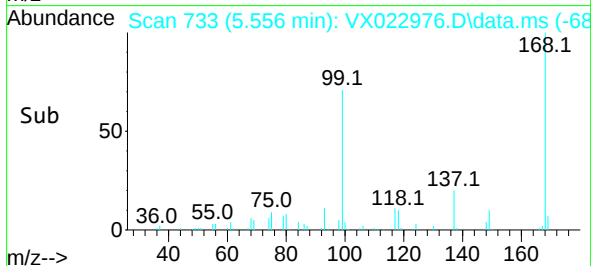
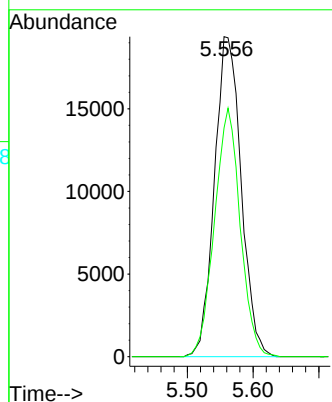


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

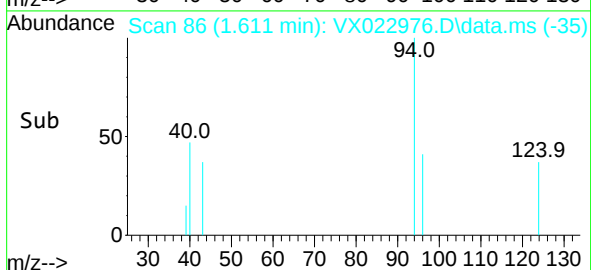
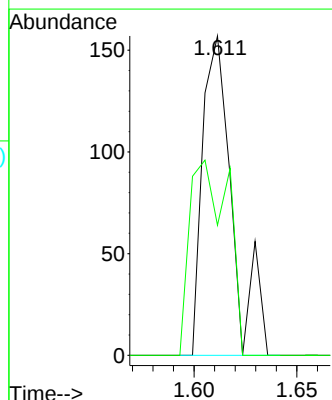
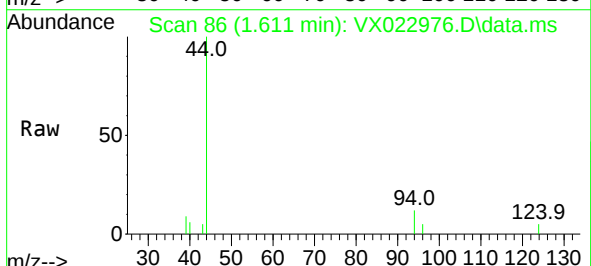


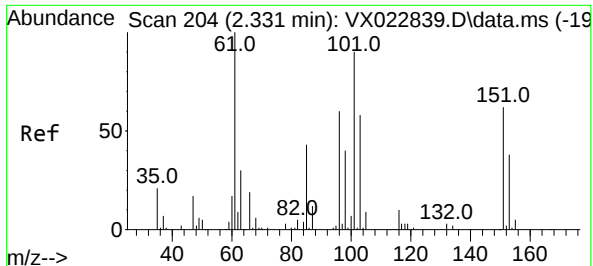
Tgt Ion:168 Resp: 54724
Ion Ratio Lower Upper
168 100
99 71.4 45.8 68.6#



#5
Bromomethane
Concen: 0.364 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 40.8 76.4 114.6#

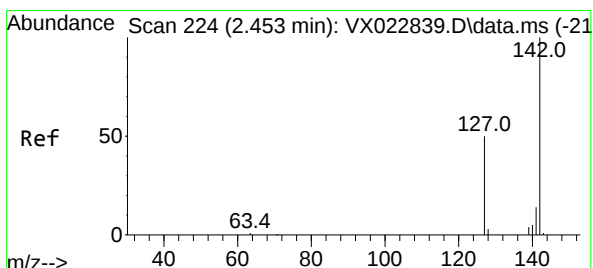
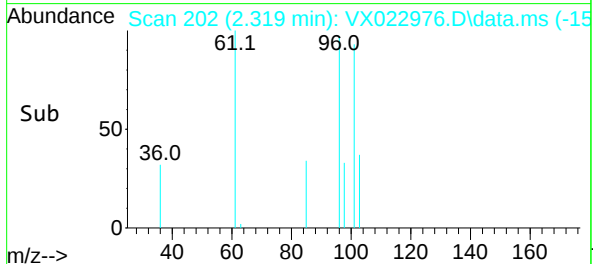
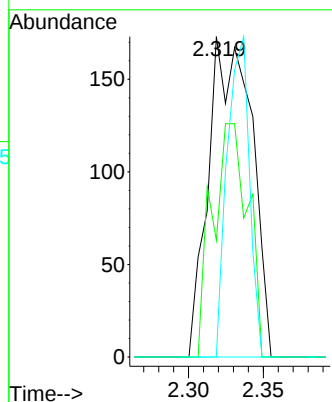
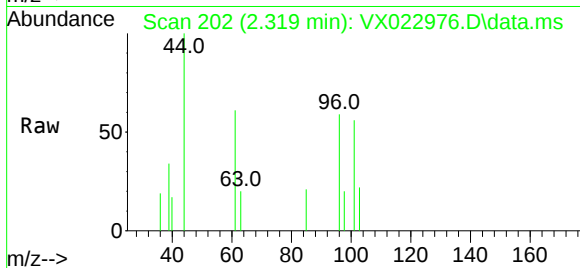




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.486 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

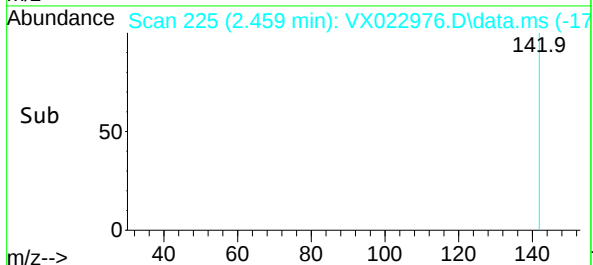
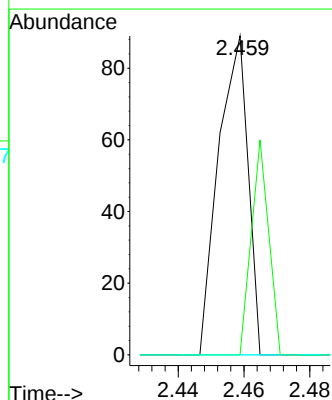
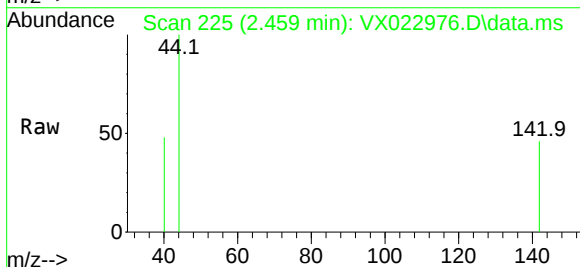
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

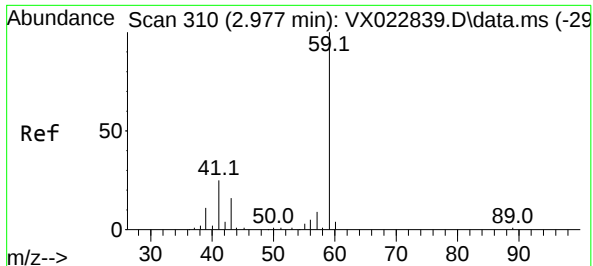
Tgt Ion:101 Resp: 346
Ion Ratio Lower Upper
101 100
85 60.4 34.9 52.3#
151 51.4 61.4 92.2#



#10
Methyl Iodide
Concen: 3.938 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 40.0 33.3 49.9
141 0.0 11.4 17.0#



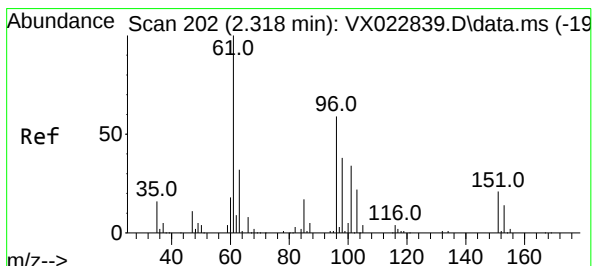
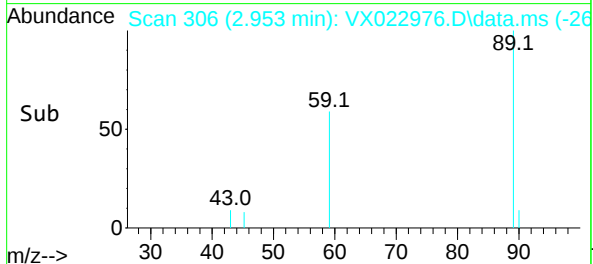
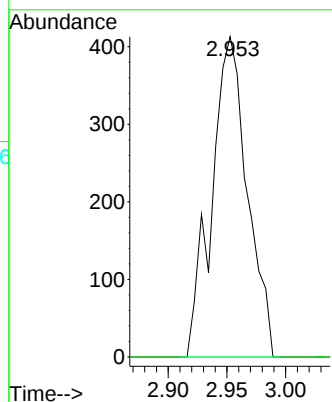
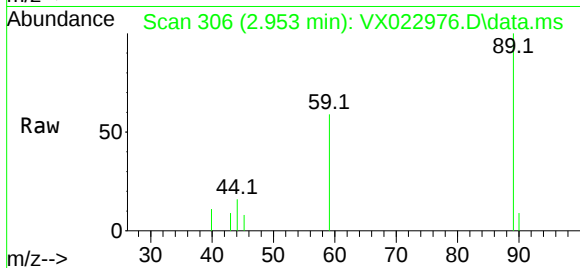


#11

Tert butyl alcohol
Concen: 4.232 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

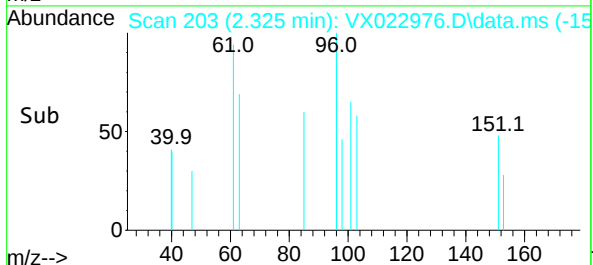
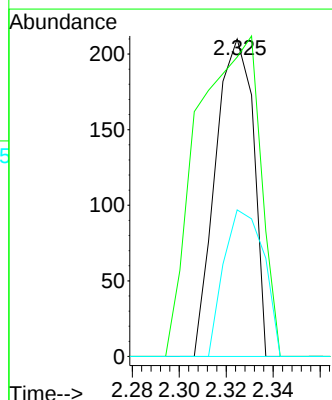
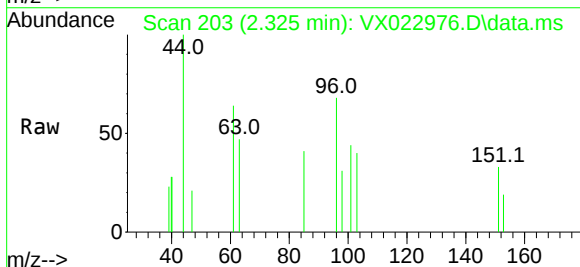
Tgt Ion: 59 Resp: 876
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

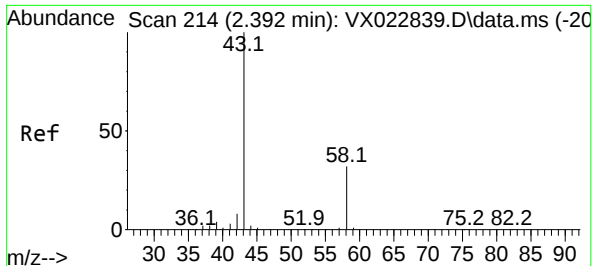


#12

1,1-Dichloroethene
Concen: 0.331 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion: 96 Resp: 235
Ion Ratio Lower Upper
96 100
61 94.3 124.6 187.0#
98 46.2 50.6 76.0#

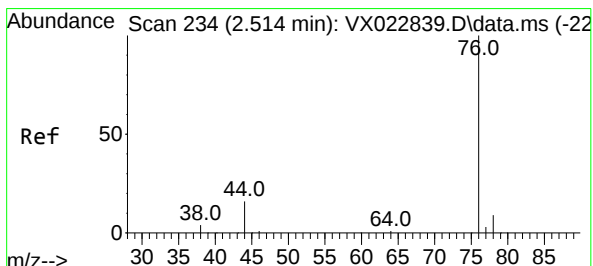
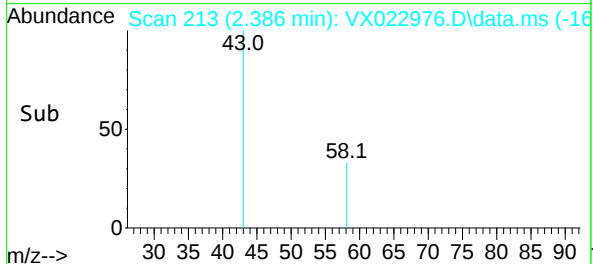
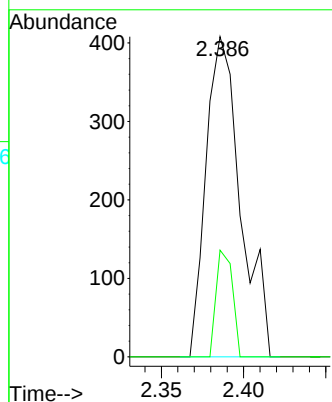
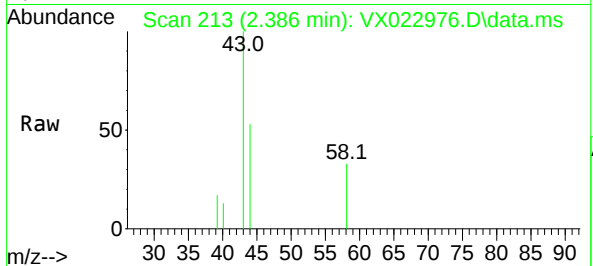




#16
Acetone
Concen: 1.356 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

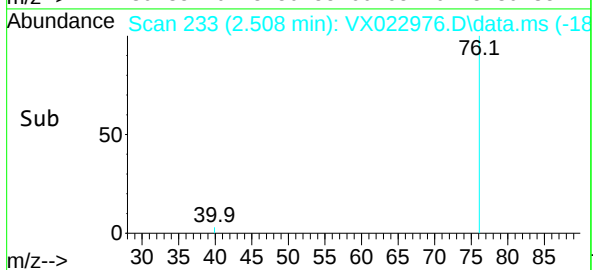
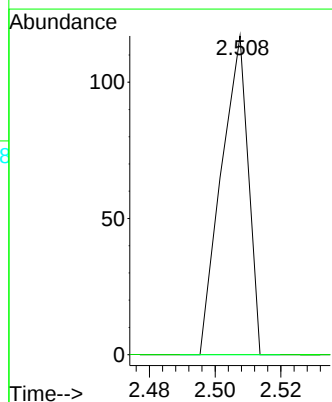
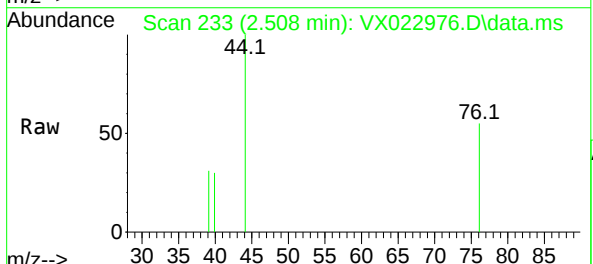
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

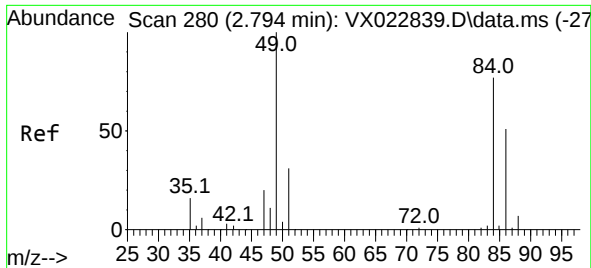
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8



#17
Carbon Disulfide
Concen: 3.548 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion: 76 Resp: 67
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 1.085 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022976.D

Acq: 28 Jun 2021 13:51

Tgt Ion: 84 Resp: 627

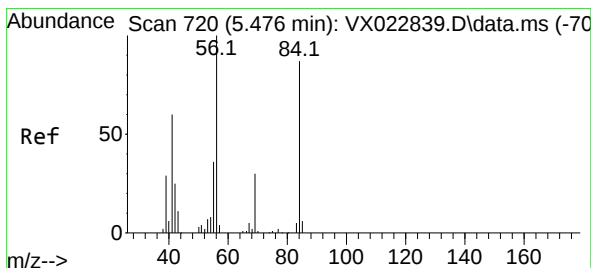
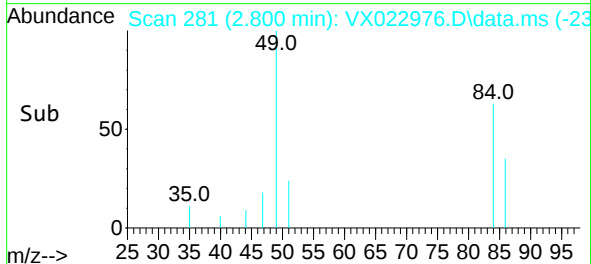
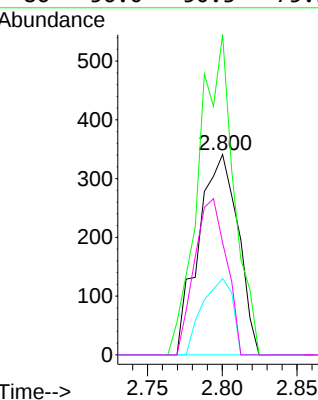
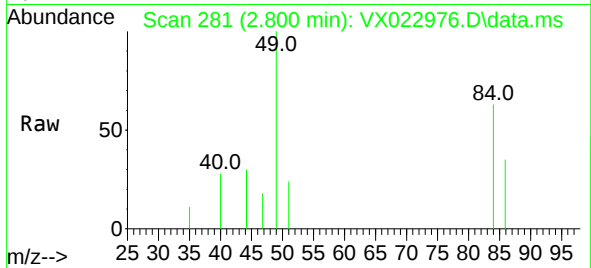
Ion Ratio Lower Upper

84 100

49 159.8 88.6 132.8#

51 38.1 27.0 40.6

86 56.0 50.3 75.5



#31

Cyclohexane

Concen: 1.104 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022976.D

Acq: 28 Jun 2021 13:51

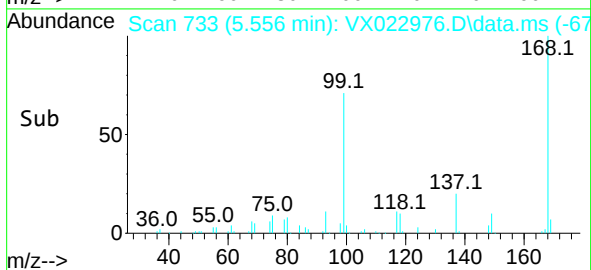
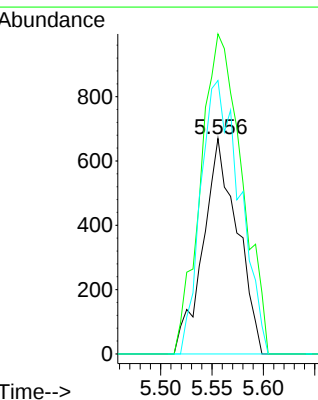
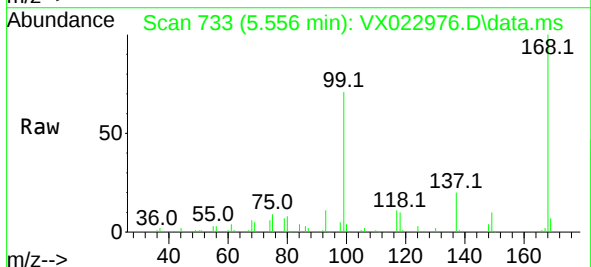
Tgt Ion: 56 Resp: 1548

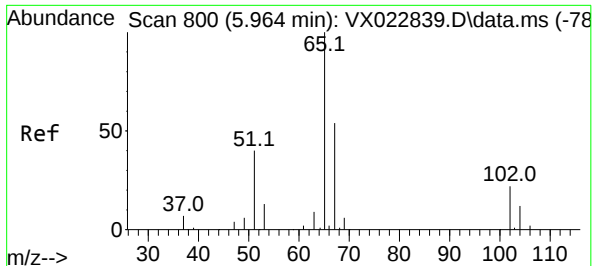
Ion Ratio Lower Upper

56 100

69 148.5 25.3 37.9#

84 126.9 71.4 107.0#



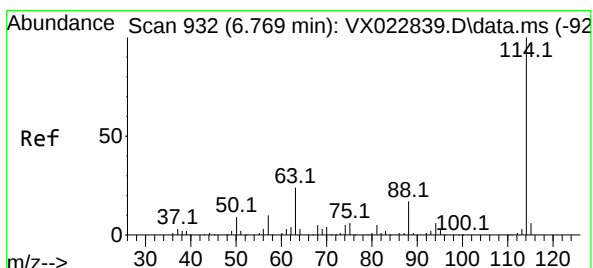
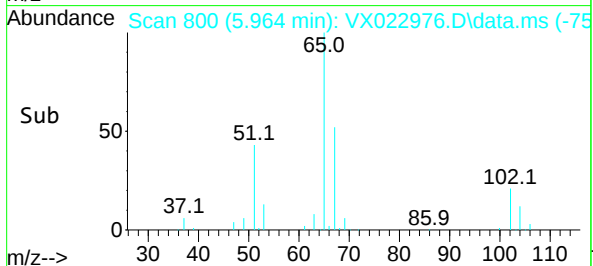
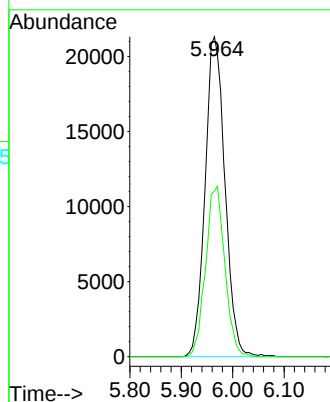
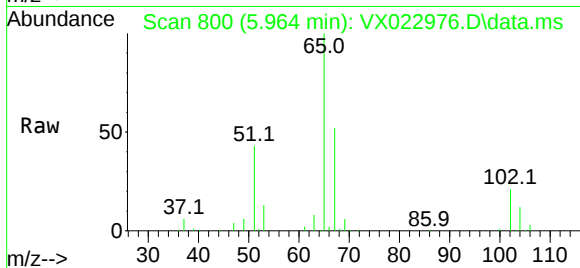


#33

1,2-Dichloroethane-d4
Concen: 57.673 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Instrument :
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RE105D2-20210621DL

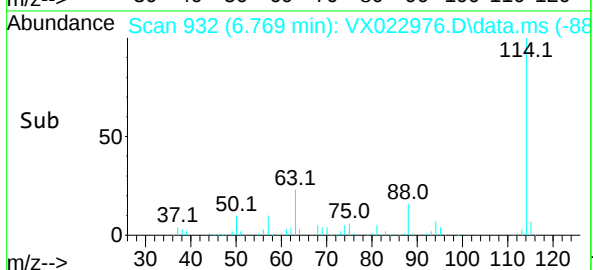
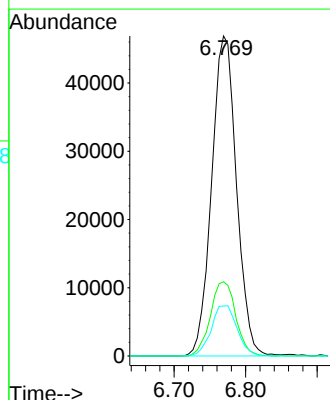
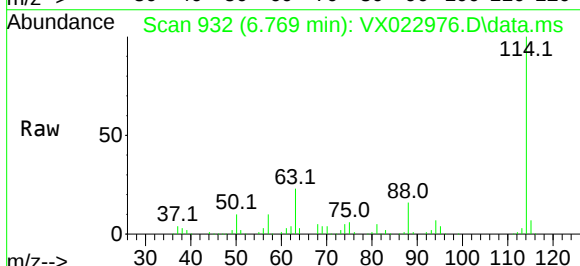
Tgt Ion: 65 Resp: 57277
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

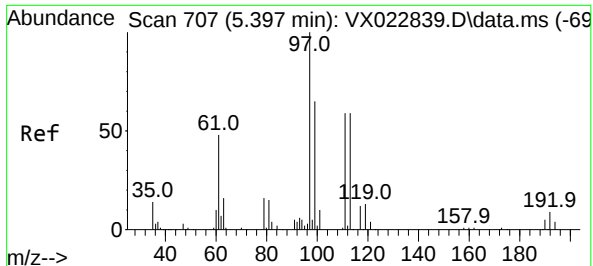


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion: 114 Resp: 113217
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.707 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022976.D

Acq: 28 Jun 2021 13:51

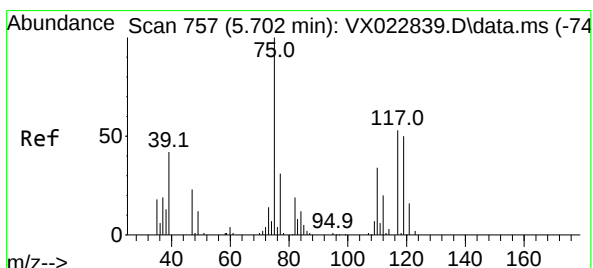
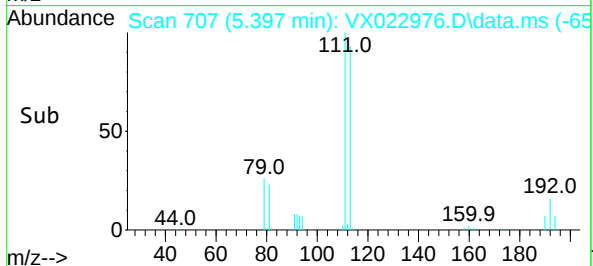
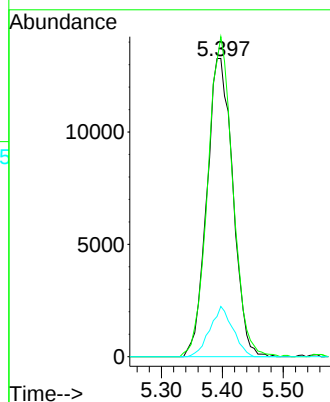
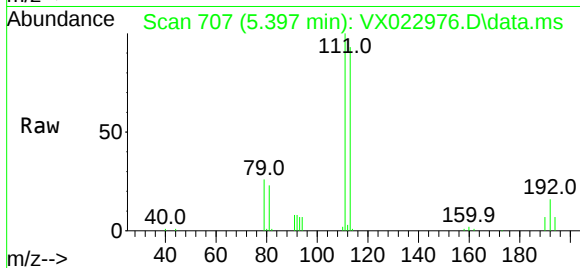
Tgt Ion:113 Resp: 39332

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 14.9 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.968 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022976.D

Acq: 28 Jun 2021 13:51

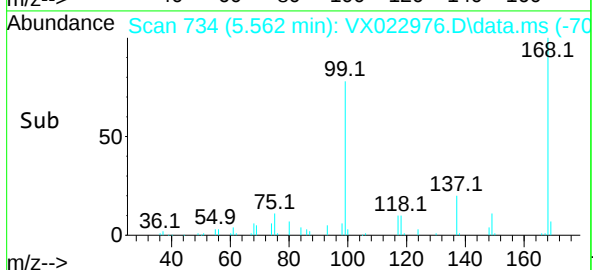
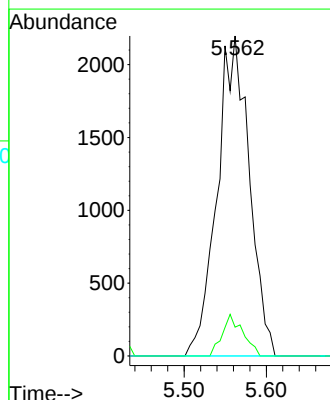
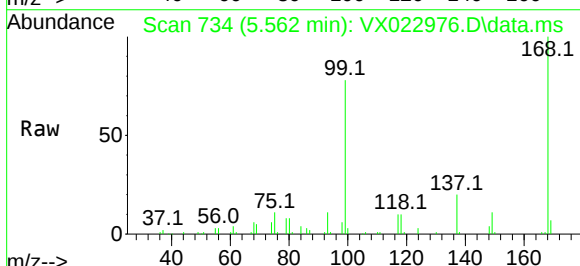
Tgt Ion: 75 Resp: 5974

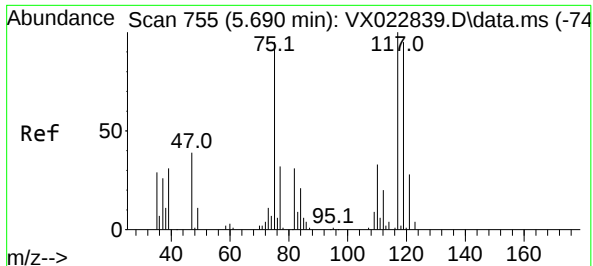
Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

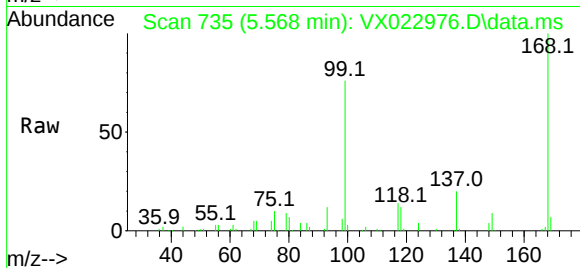
77 0.0 25.3 37.9#



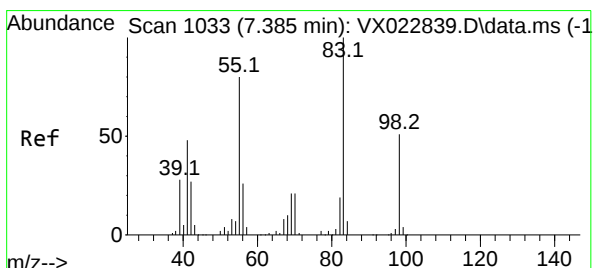
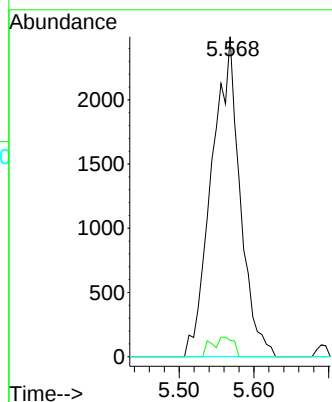
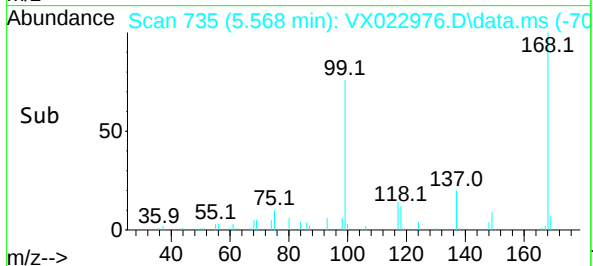


#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

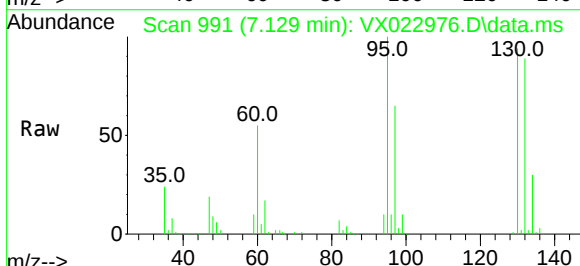
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL



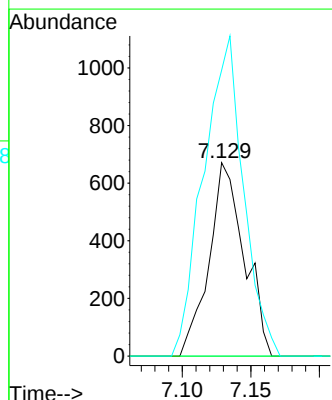
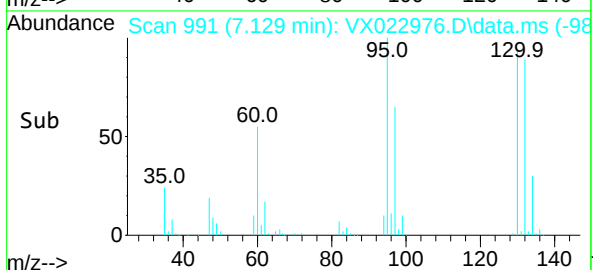
Tgt Ion:117 Resp: 6560
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

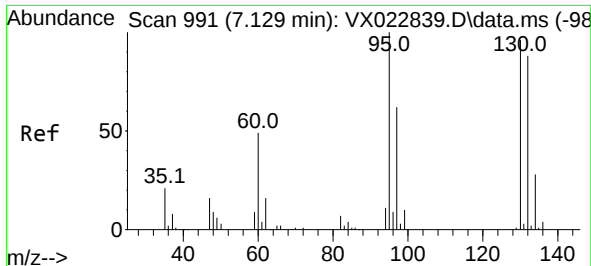


#39
Methylcyclohexane
Concen: 0.859 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51



Tgt Ion: 83 Resp: 1205
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 147.8 38.1 57.1#

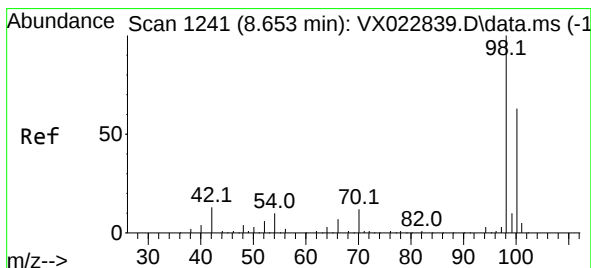
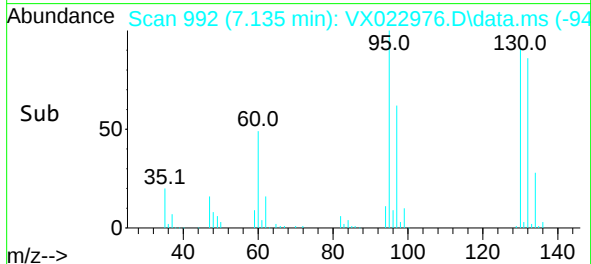
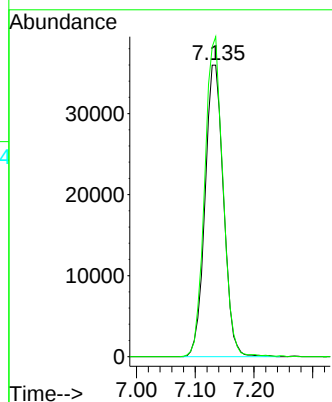
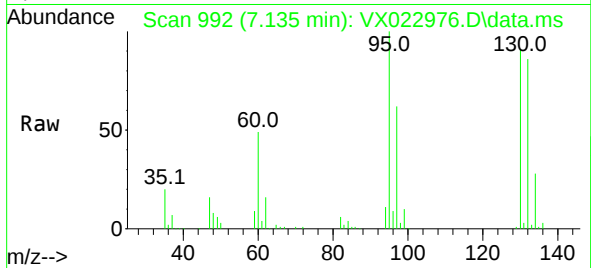




#44
Trichloroethene
Concen: 95.749 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

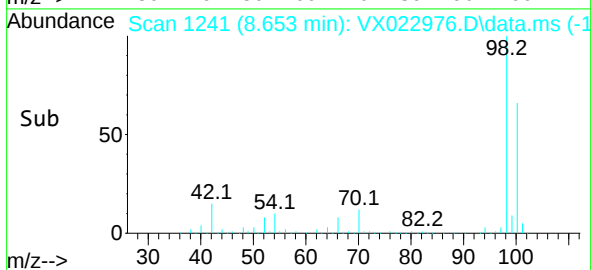
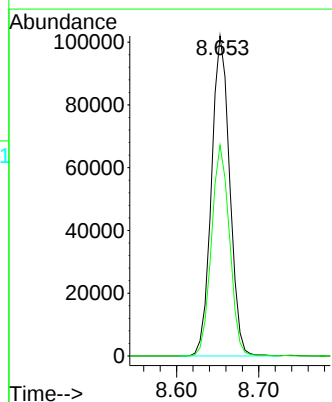
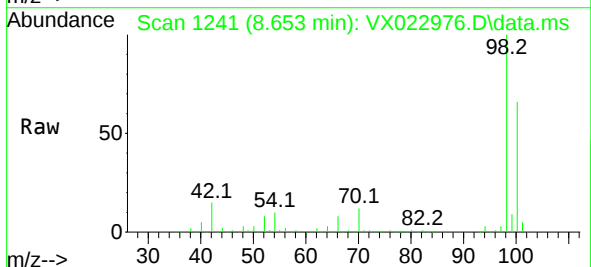
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

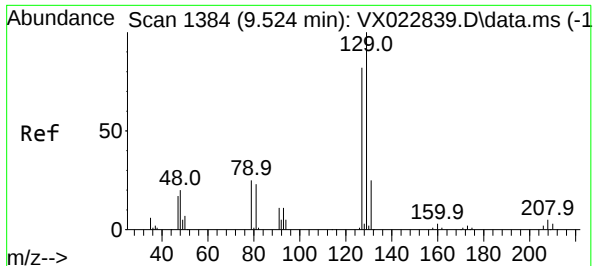
Tgt Ion:130 Resp: 78738
Ion Ratio Lower Upper
130 100
95 109.7 0.0 198.0



#50
Toluene-d8
Concen: 55.671 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion: 98 Resp: 156866
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

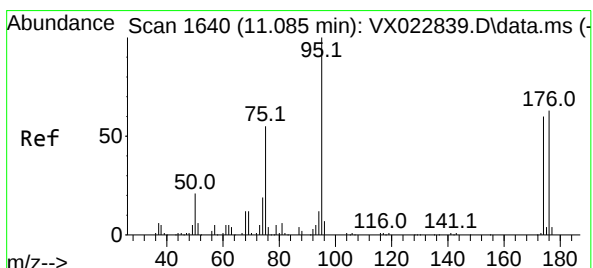
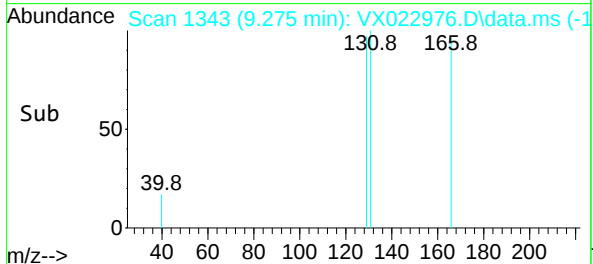
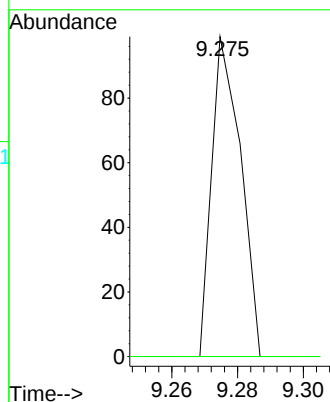
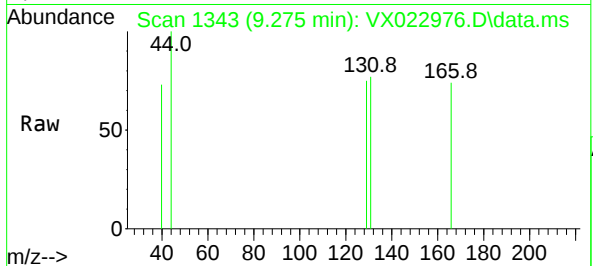




#60
Dibromochloromethane
Concen: 3.718 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

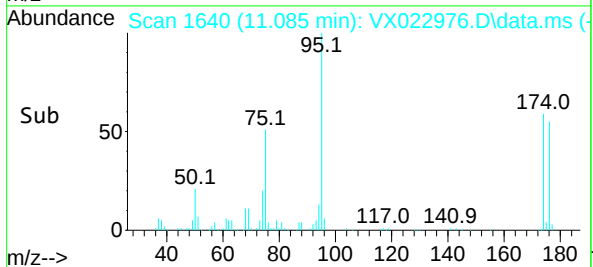
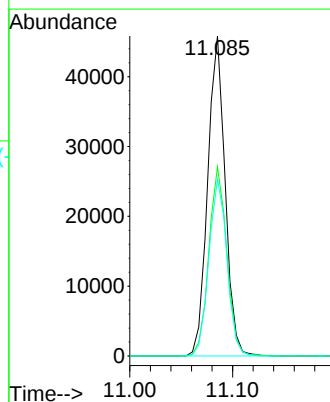
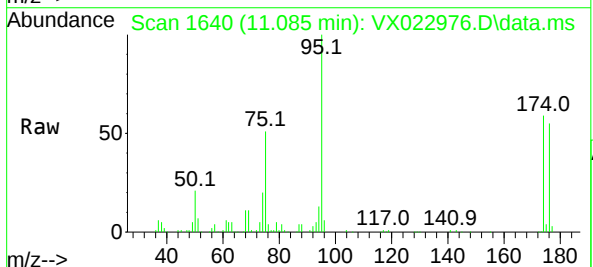
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

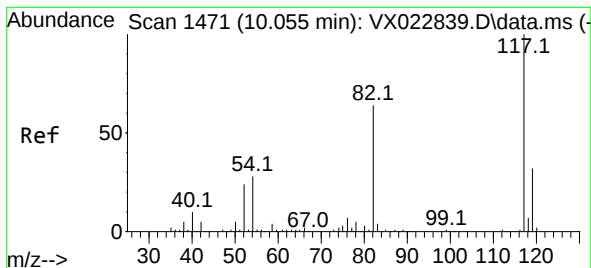
Tgt Ion:129 Resp: 60
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion: 95 Resp: 54149
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 57.1 0.0 155.8

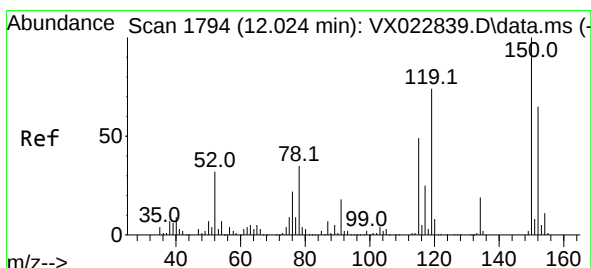
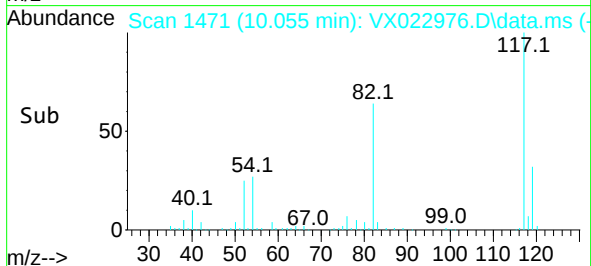
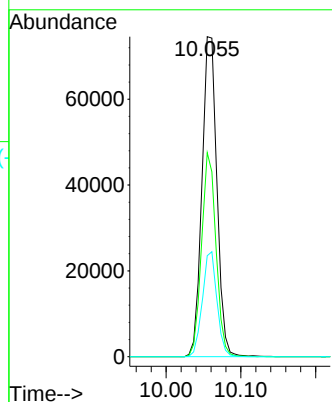
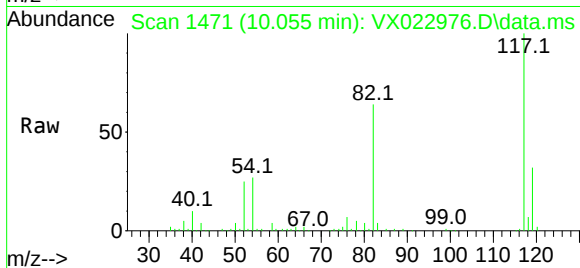




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

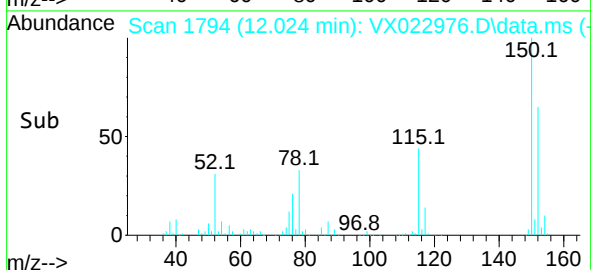
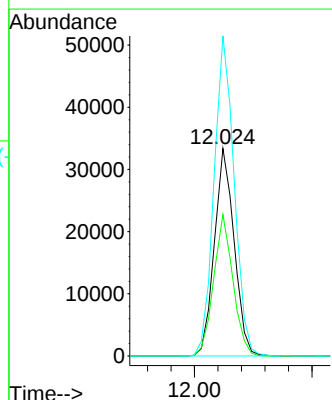
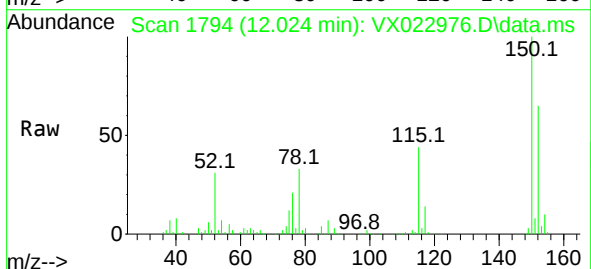
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

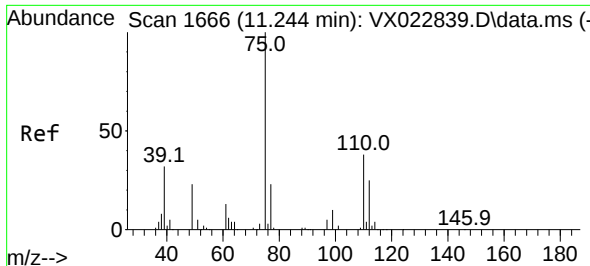
Tgt Ion:117 Resp: 103686
Ion Ratio Lower Upper
117 100
82 63.7 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Tgt Ion:152 Resp: 39082
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 156.6 0.0 349.0

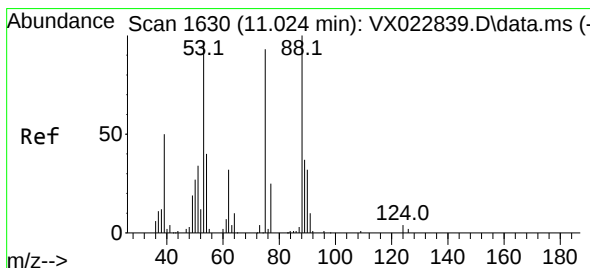
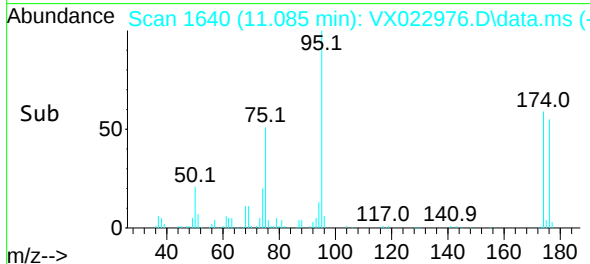
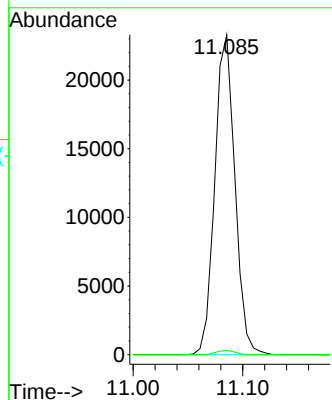
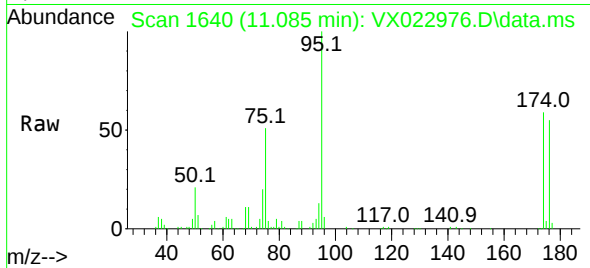




#76
1,2,3-Trichloropropane
Concen: 28.775 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

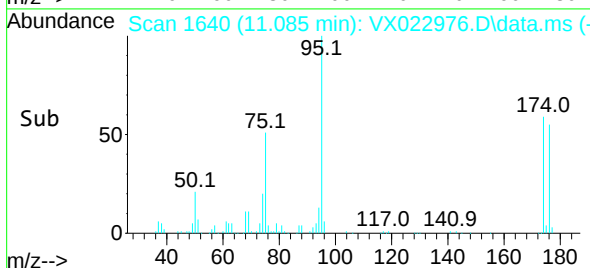
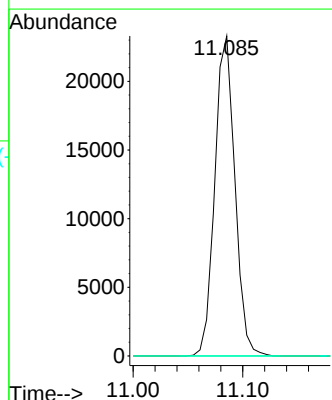
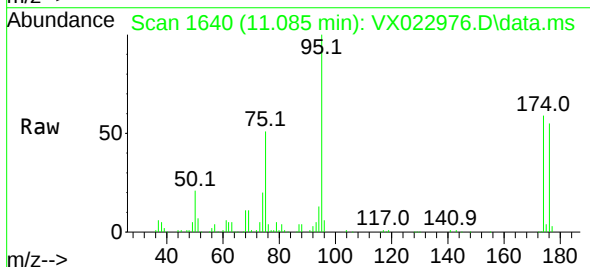
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL

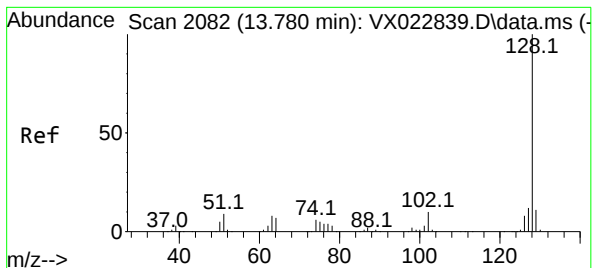
Tgt Ion: 75 Resp: 29705
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

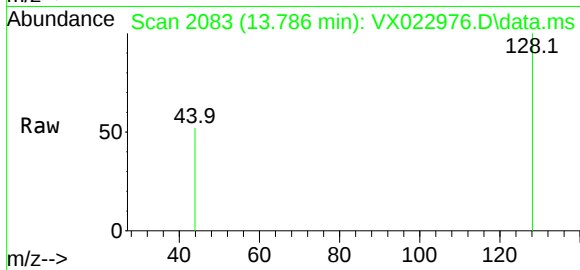
Tgt Ion: 75 Resp: 29705
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.998 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022976.D
Acq: 28 Jun 2021 13:51

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210621DL



Tgt Ion:128 Resp: 251
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

