

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022973.D
 Acq On : 28 Jun 2021 12:41
 Operator : JC/MD
 Sample : M2838-15DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210622DL

Quant Time: Jun 29 03:04:52 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)

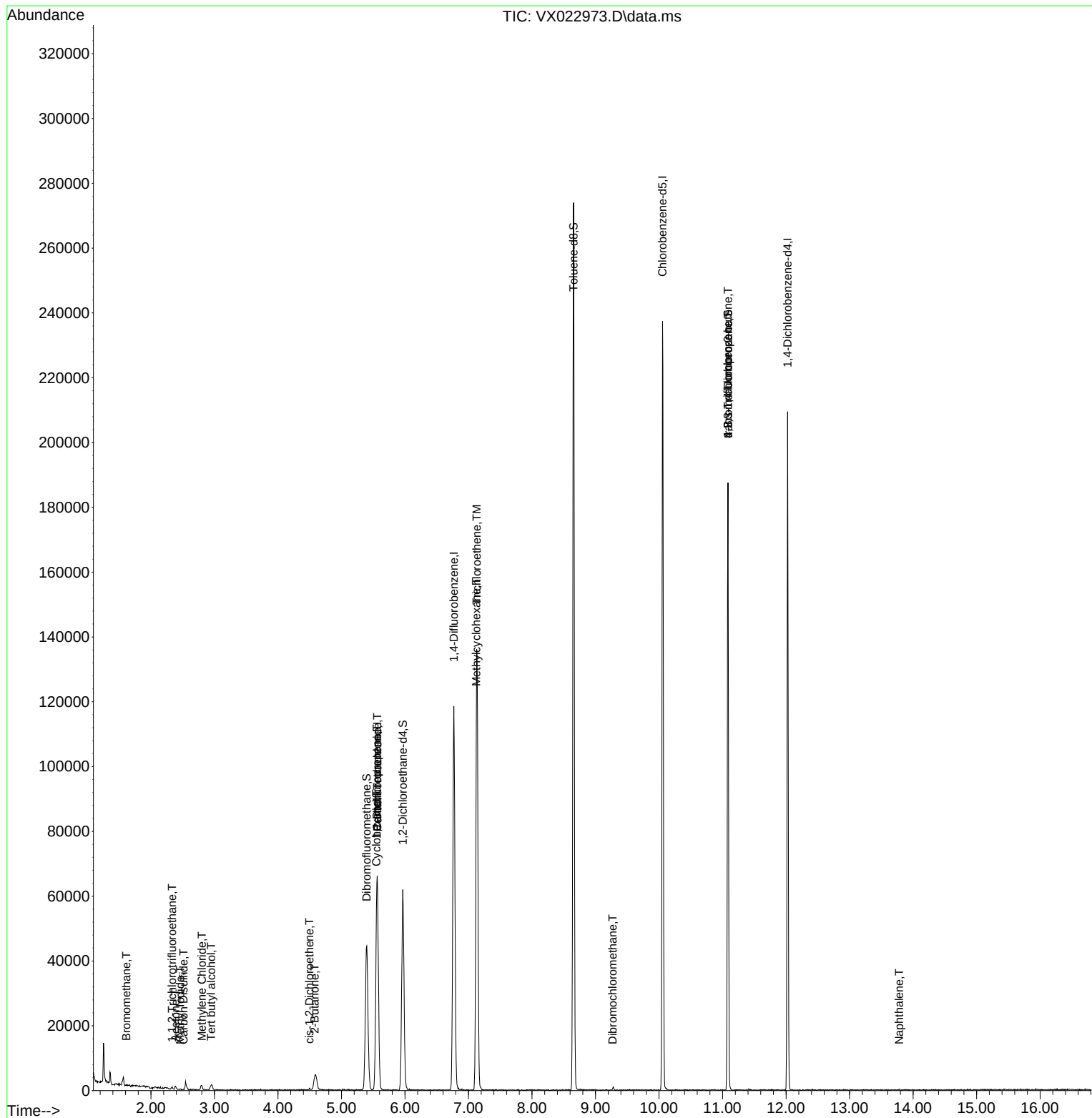
Internal Standards						
1) Pentafluorobenzene	5.562	168	53744	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55237	56.634	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.260%	
35) Dibromofluoromethane	5.397	113	38187	54.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.040%	
50) Toluene-d8	8.653	98	150949	54.994	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.980%	
62) 4-Bromofluorobenzene	11.085	95	49125	47.955	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.900%	
Target Compounds						Qvalue
5) Bromomethane	1.611	94	160	0.378	ug/l	# 2
9) 1,1,2-Trichlorotrifluo...	2.331	101	294	0.421	ug/l	# 68
10) Methyl Iodide	2.459	142	211	4.111	ug/l	# 42
11) Tert butyl alcohol	2.946	59	1293	6.361	ug/l	# 73
16) Acetone	2.386	43	1159	2.680	ug/l	94
17) Carbon Disulfide	2.514	76	72	3.551	ug/l	# 75
20) Methylene Chloride	2.800	84	646	1.120	ug/l	# 75
25) 2-Butanone	4.574	43	211	0.314	ug/l	# 45
27) cis-1,2-Dichloroethene	4.495	96	219	0.255	ug/l	# 65
31) Cyclohexane	5.550	56	969	0.704	ug/l	# 28
36) 1,1-Dichloropropene	5.556	75	5984	5.108	ug/l	# 45
38) Carbon Tetrachloride	5.562	117	6318	6.430	ug/l	# 15
39) Methylcyclohexane	7.123	83	666	0.487	ug/l	# 1
44) Trichloroethene	7.129	130	47421	59.197	ug/l	97
60) Dibromochloromethane	9.268	129	162	3.837	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	27692	29.738	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27692	76.375	ug/l	# 12
95) Naphthalene	13.780	128	285	2.018	ug/l	# 69

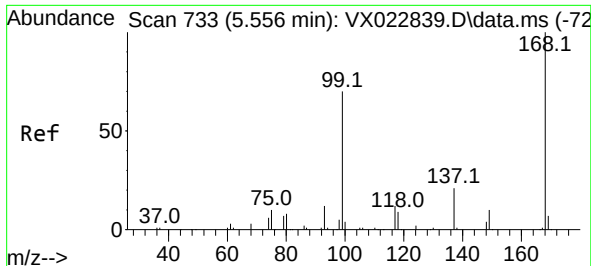
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
RE122D1-20210622DL

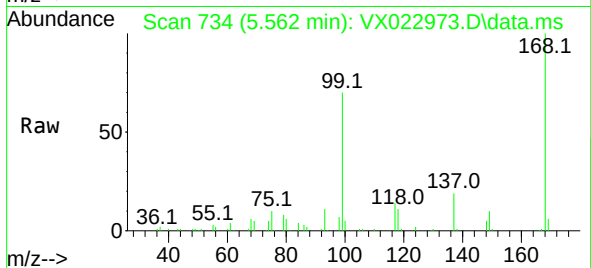
Quant Time: Jun 29 03:04:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



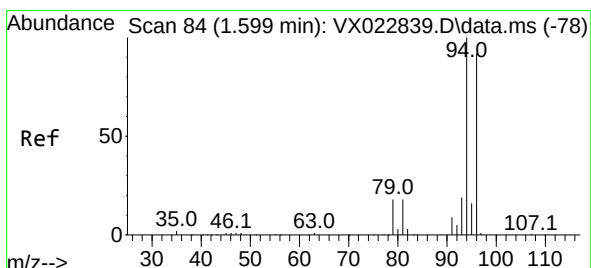
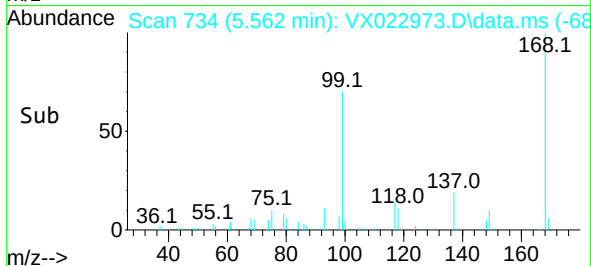
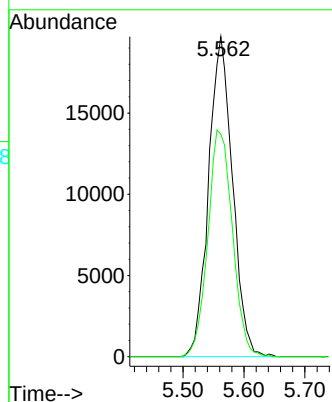


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210622DL

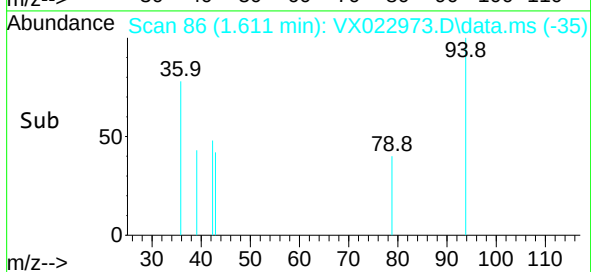
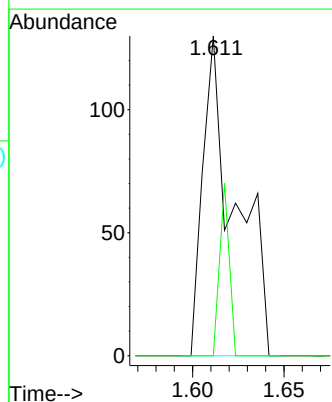
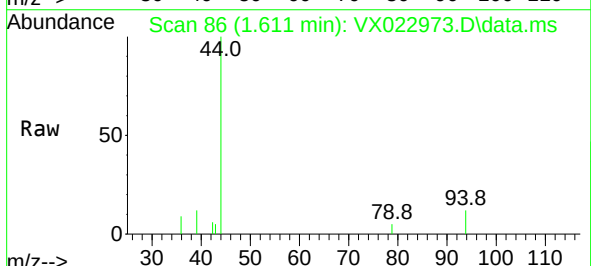


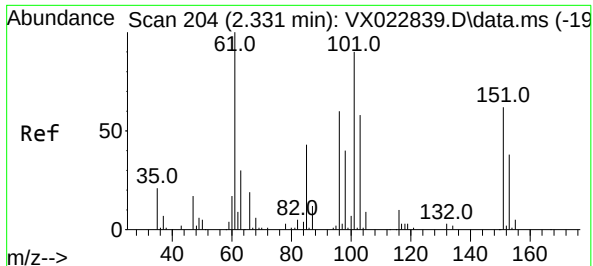
Tgt Ion:168 Resp: 53744
Ion Ratio Lower Upper
168 100
99 69.5 45.8 68.6#



#5
Bromomethane
Concen: 0.378 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

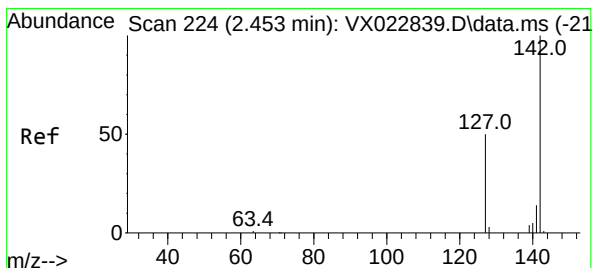
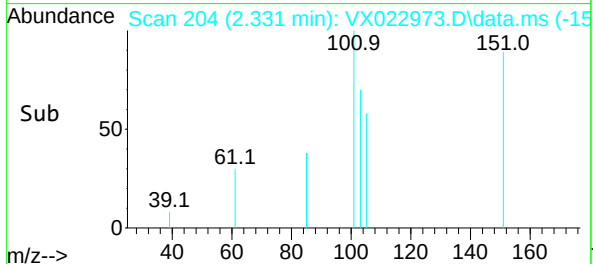
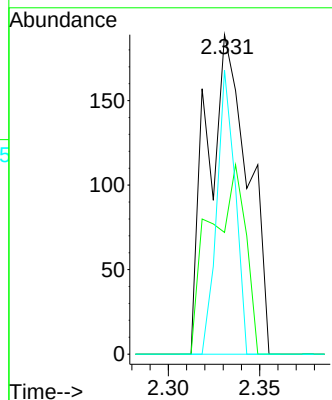
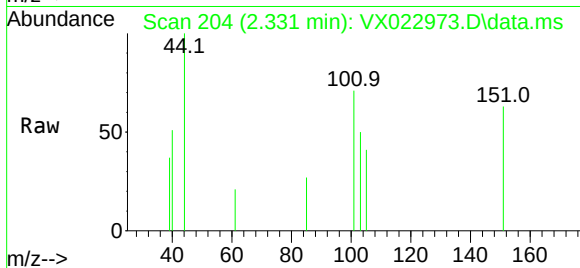




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.421 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

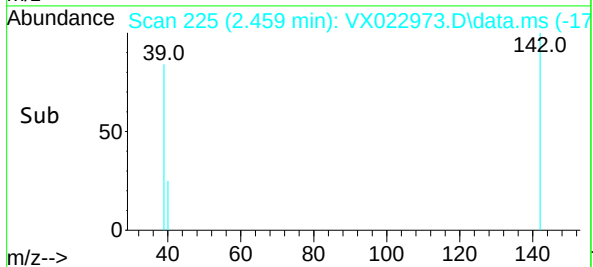
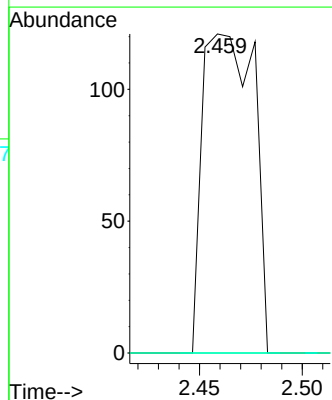
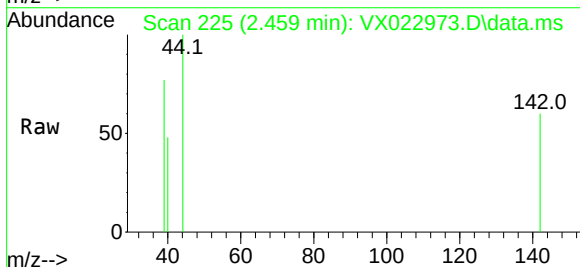
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210622DL

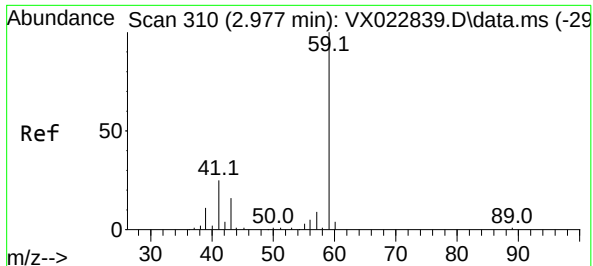
Tgt Ion:101 Resp: 294
Ion Ratio Lower Upper
101 100
85 51.0 34.9 52.3
151 39.8 61.4 92.2#



#10
Methyl Iodide
Concen: 4.111 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



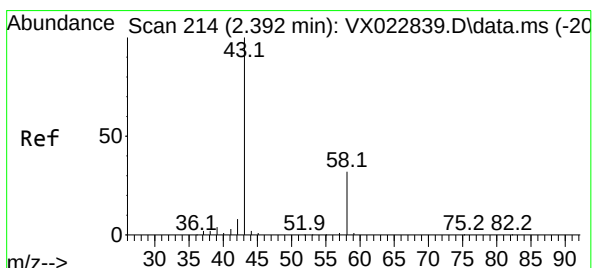
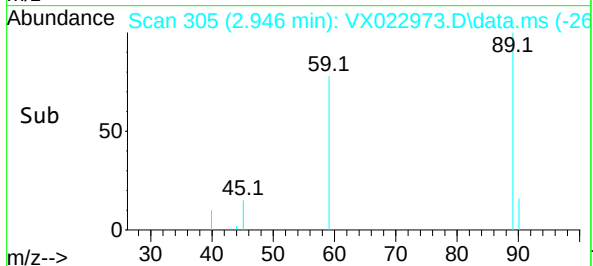
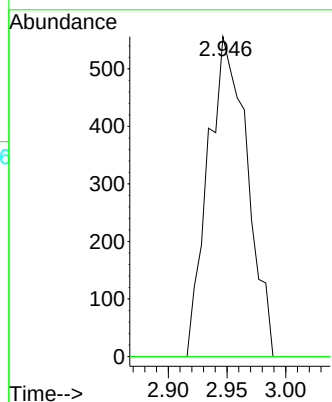
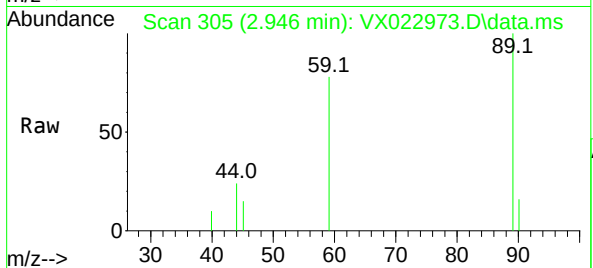


#11

Tert butyl alcohol
Concen: 6.361 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Instrument :
MSVOA_X
ClientSampleId :
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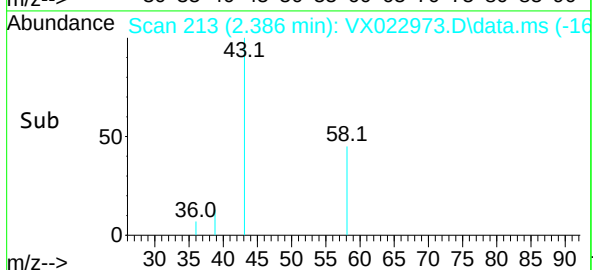
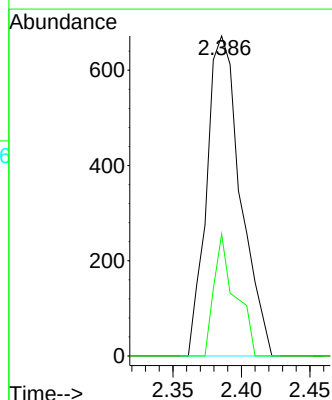
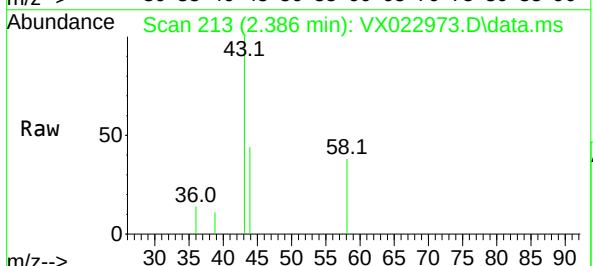
Tgt Ion: 59 Resp: 1293
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

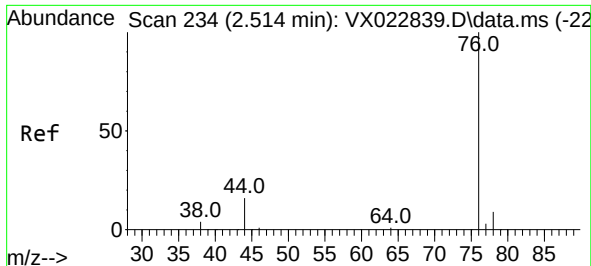


#16

Acetone
Concen: 2.680 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8

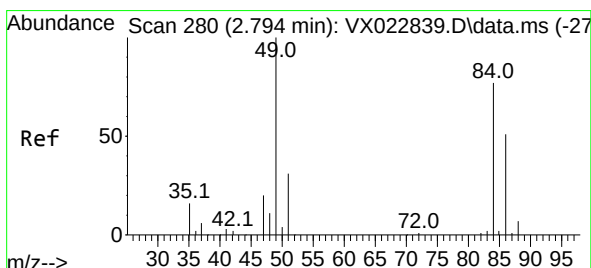
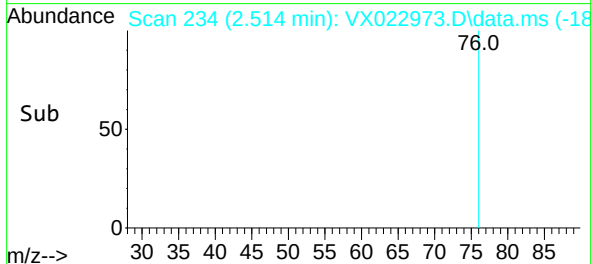
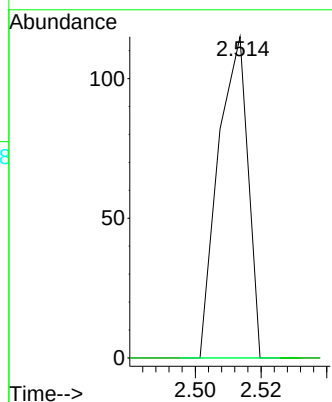
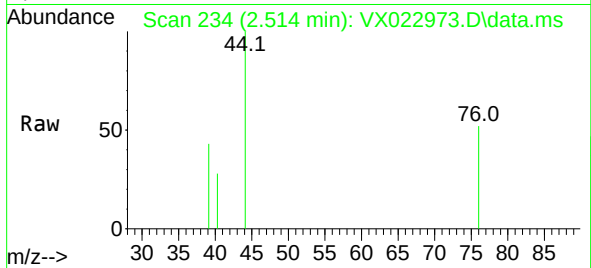




#17
Carbon Disulfide
Concen: 3.551 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

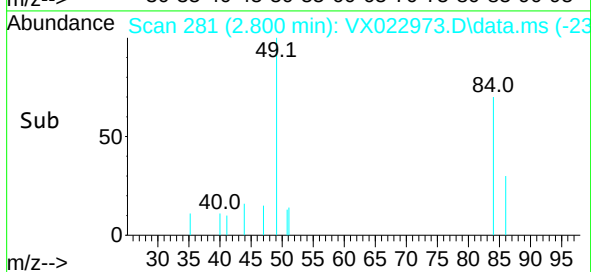
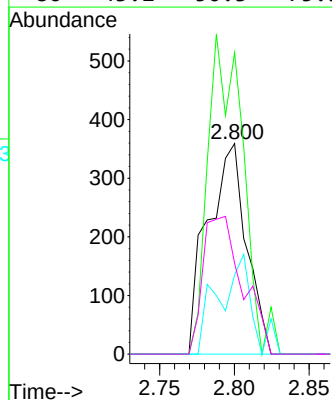
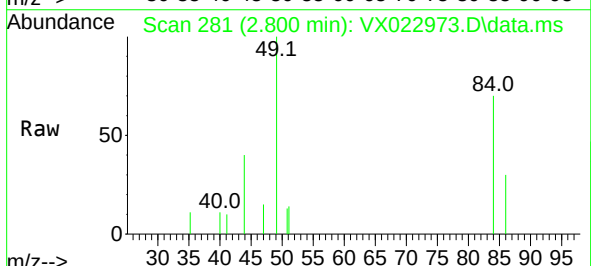
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210622DL

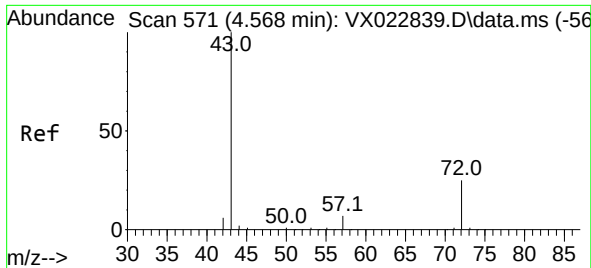
Tgt Ion: 76 Resp: 72
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.120 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 84 Resp: 646
Ion Ratio Lower Upper
84 100
49 143.2 88.6 132.8#
51 37.6 27.0 40.6
86 43.2 50.3 75.5#

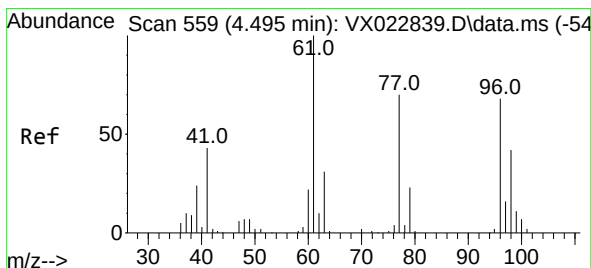
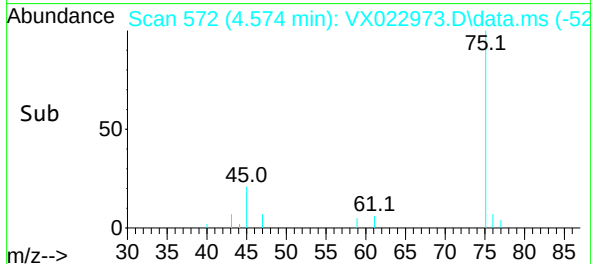
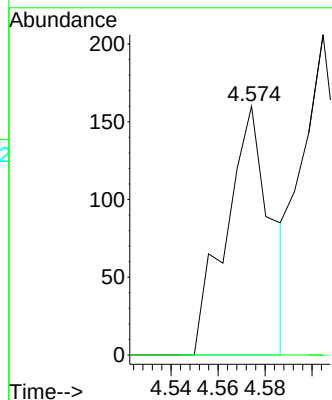
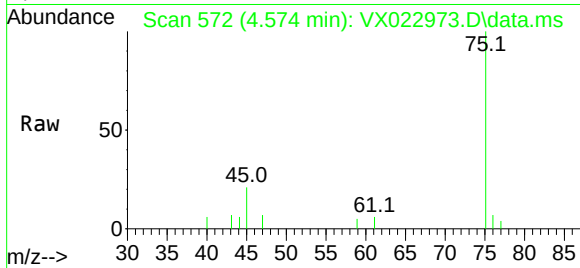




#25
2-Butanone
Concen: 0.314 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

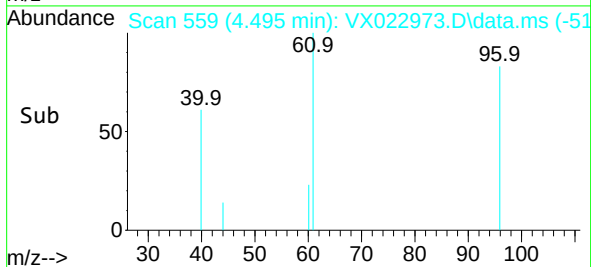
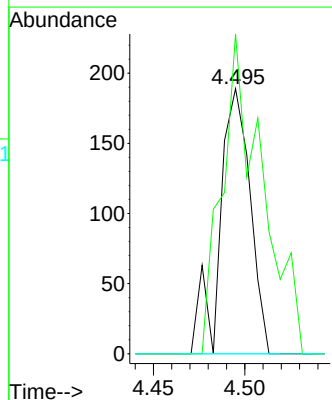
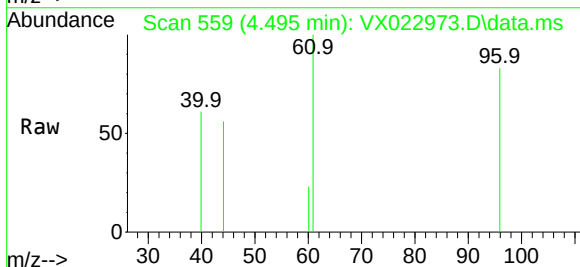
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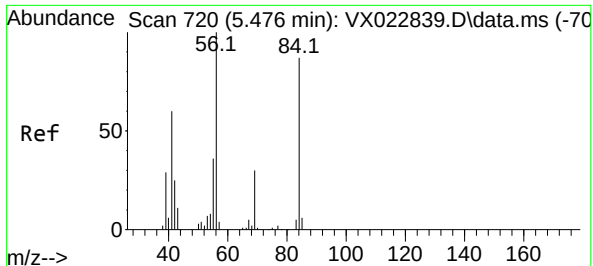
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.255 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 96 Resp: 219
Ion Ratio Lower Upper
96 100
61 158.9 0.0 285.6
98 0.0 0.0 129.6

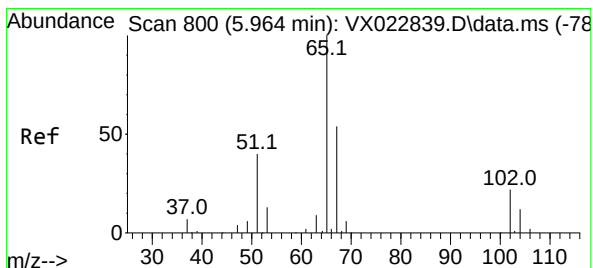
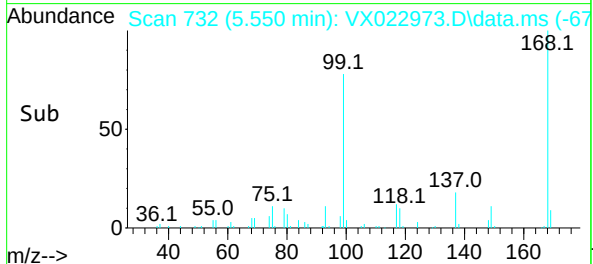
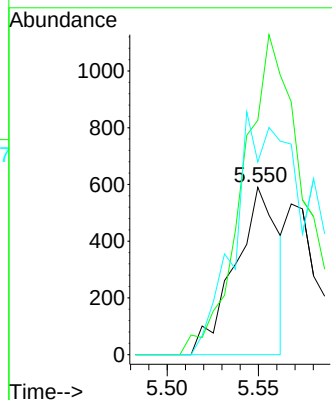
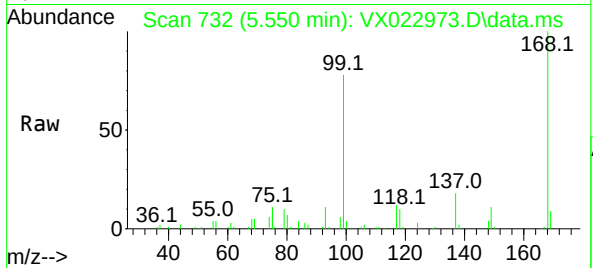




#31
Cyclohexane
Concen: 0.704 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

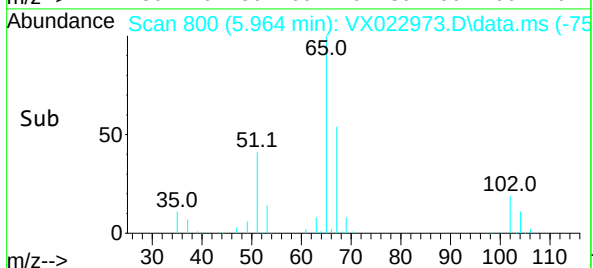
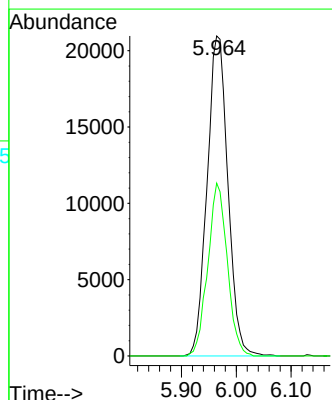
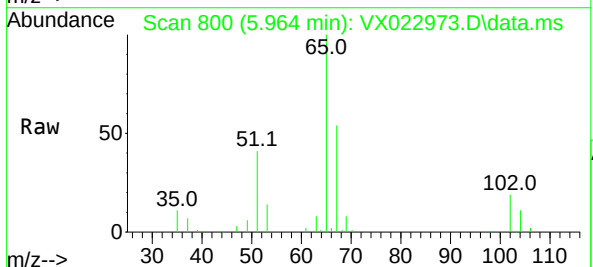
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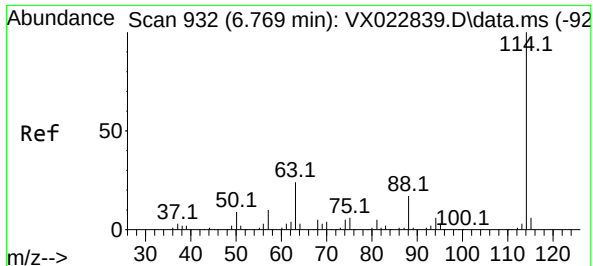
Tgt Ion: 56 Resp: 969
Ion Ratio Lower Upper
56 100
69 140.0 25.3 37.9#
84 115.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.634 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 65 Resp: 55237
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

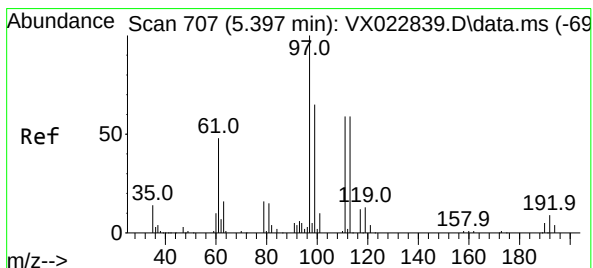
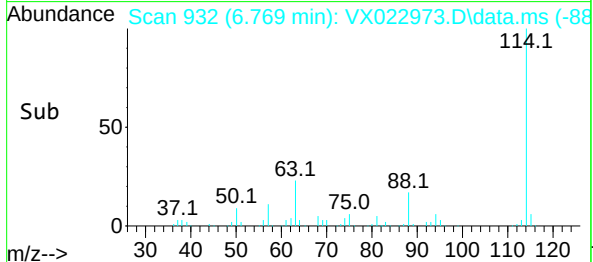
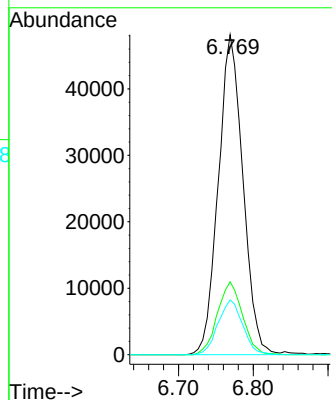
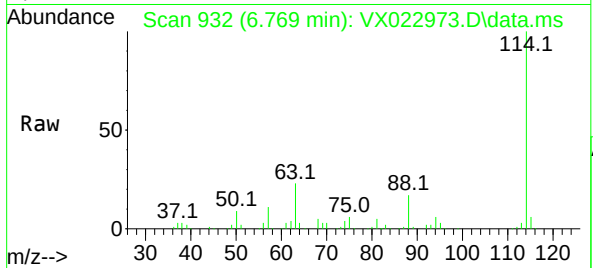




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

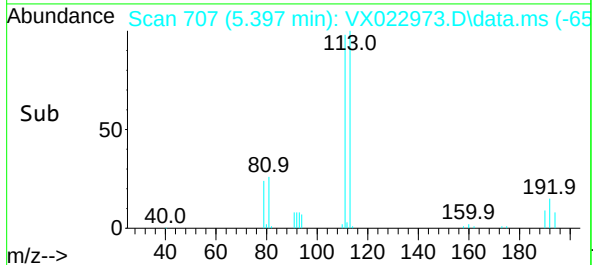
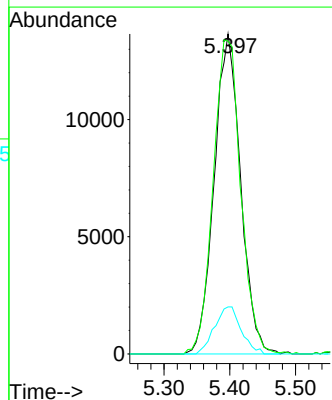
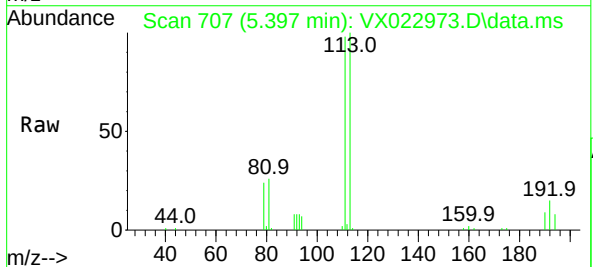
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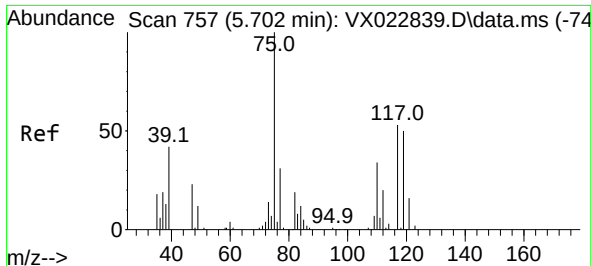
Tgt Ion:114 Resp: 110289
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.525 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion:113 Resp: 38187
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 14.8 16.7 25.1#

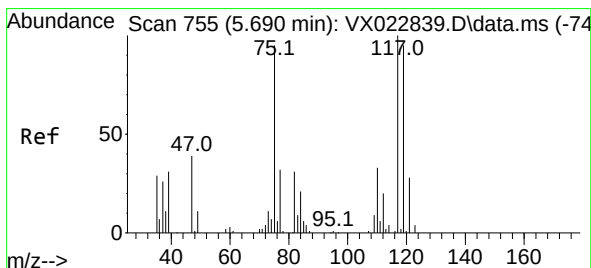
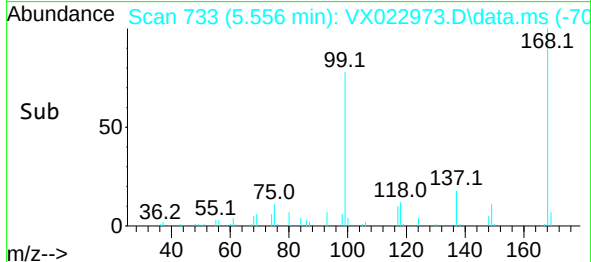
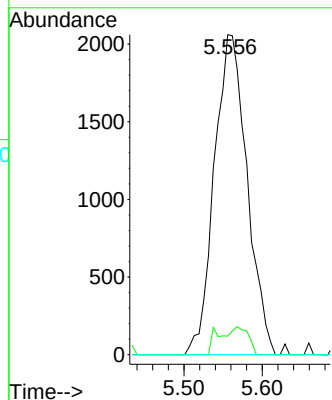
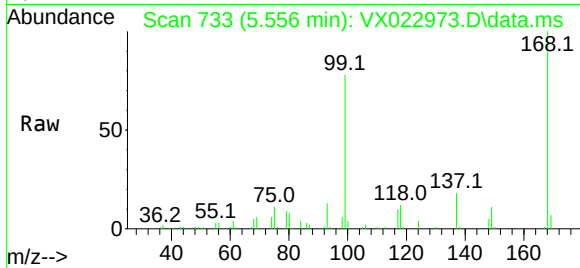




#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

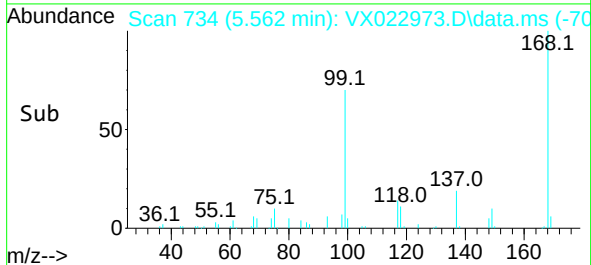
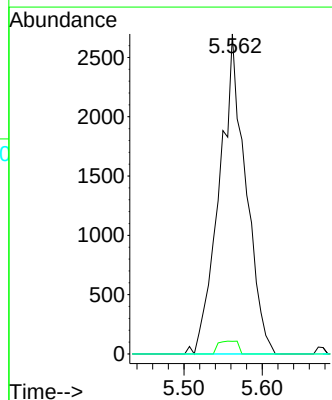
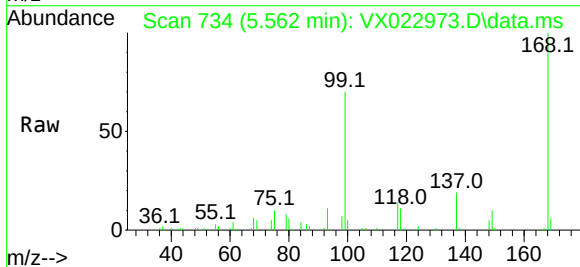
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210622DL

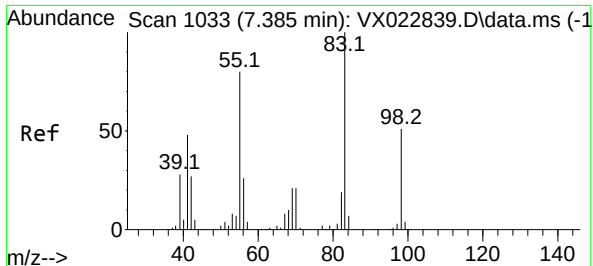
Tgt Ion: 75 Resp: 5984
Ion Ratio Lower Upper
75 100
110 4.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 117 Resp: 6318
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.487 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX022973.D

Acq: 28 Jun 2021 12:41

Tgt Ion: 83 Resp: 666

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

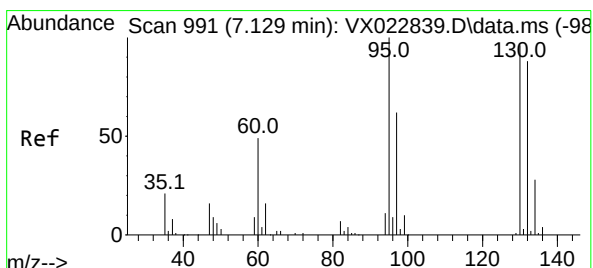
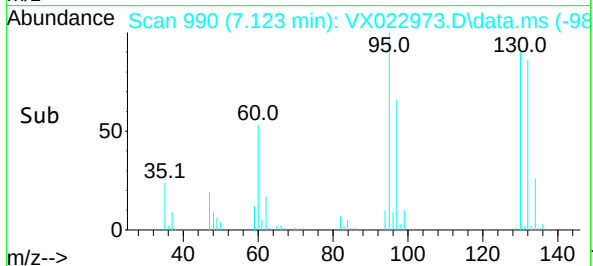
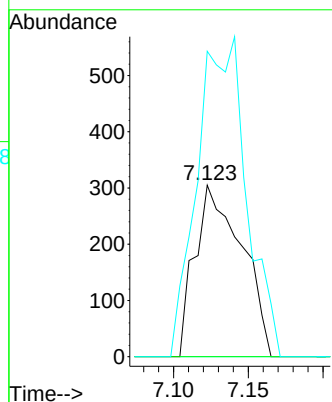
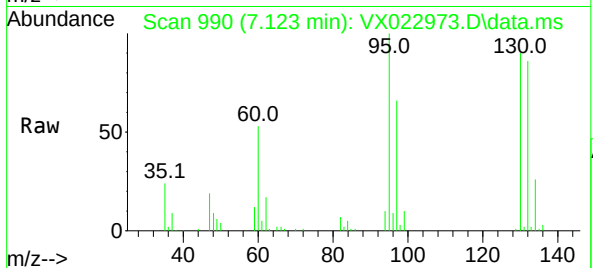
98 178.0 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20210622DL



#44

Trichloroethene

Concen: 59.197 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022973.D

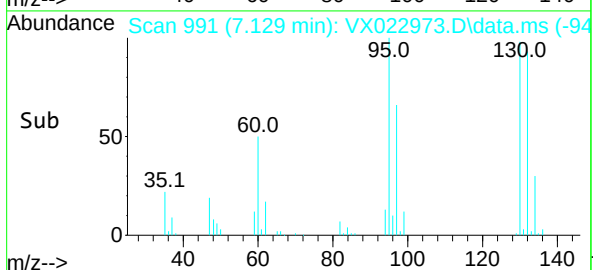
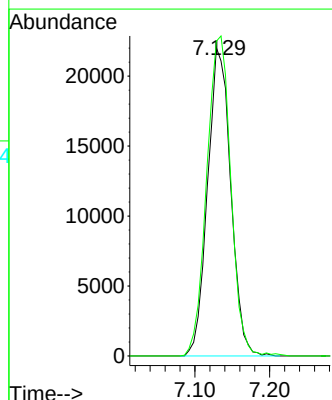
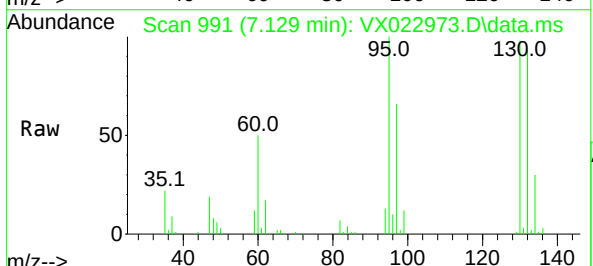
Acq: 28 Jun 2021 12:41

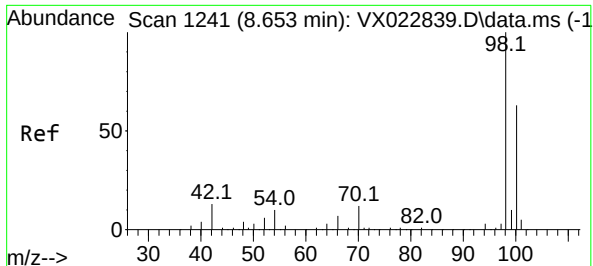
Tgt Ion:130 Resp: 47421

Ion Ratio Lower Upper

130 100

95 102.1 0.0 198.0

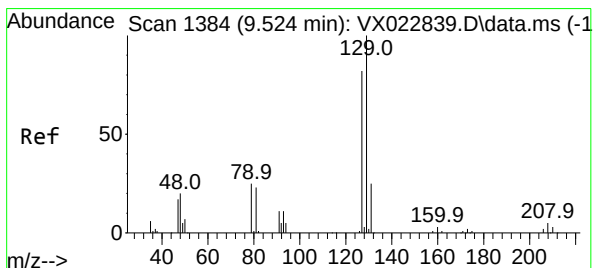
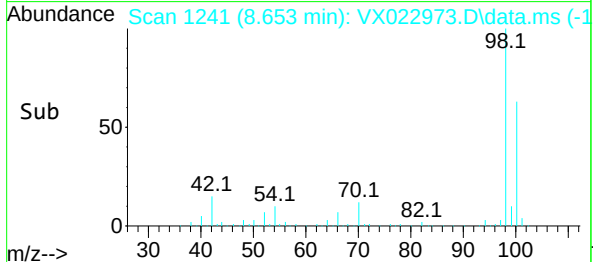
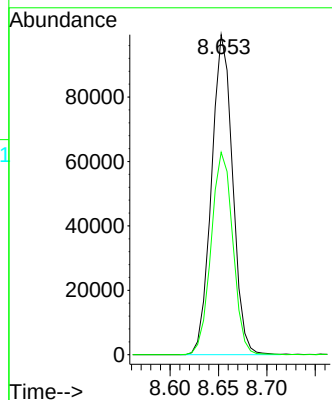
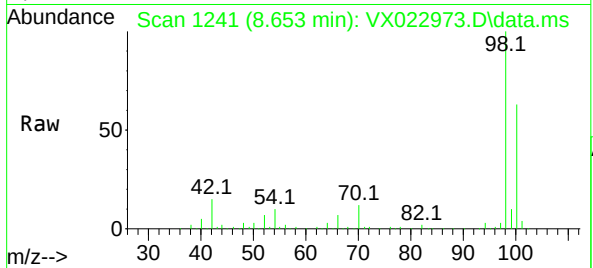




#50
Toluene-d8
Concen: 54.994 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

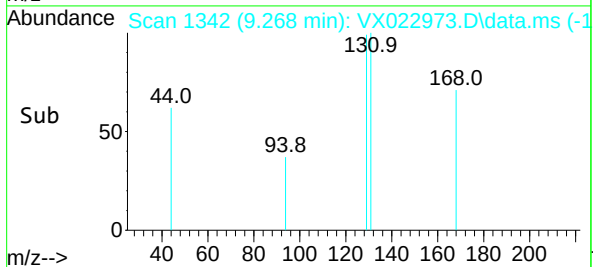
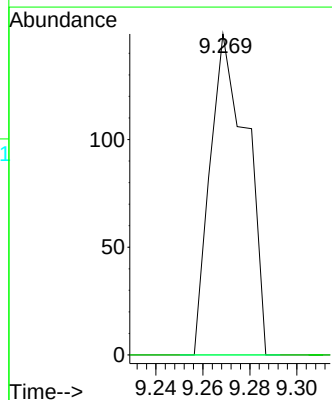
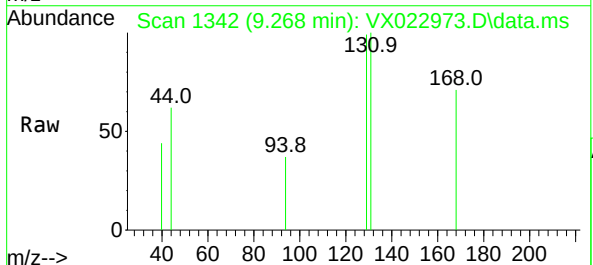
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210622DL

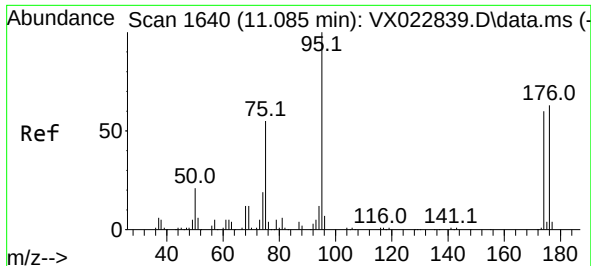
Tgt Ion: 98 Resp: 150949
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#60
Dibromochloromethane
Concen: 3.837 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.255 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion:129 Resp: 162
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

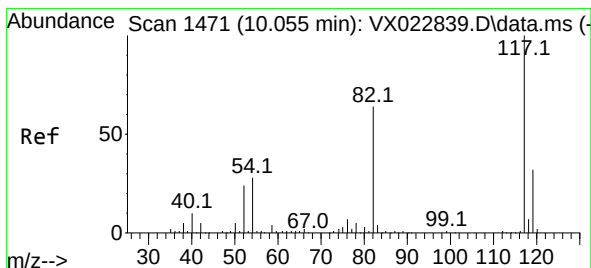
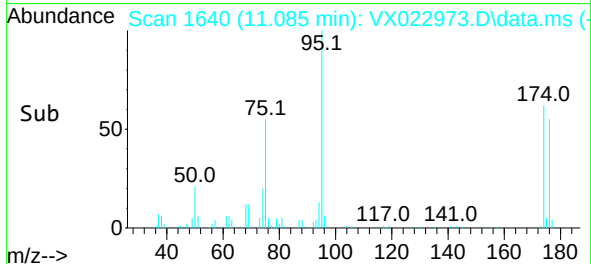
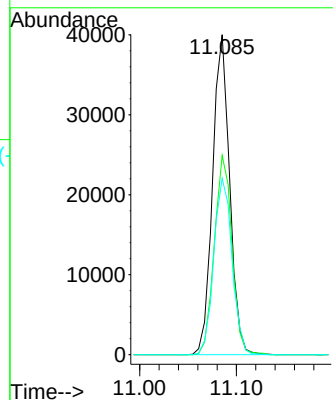
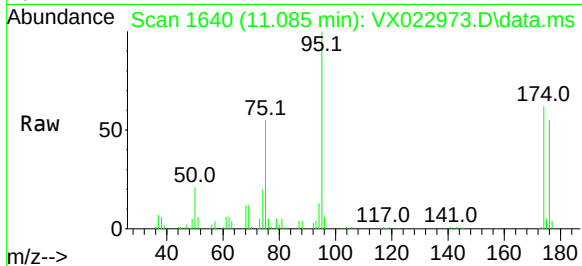




#62
4-Bromofluorobenzene
Concen: 47.955 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

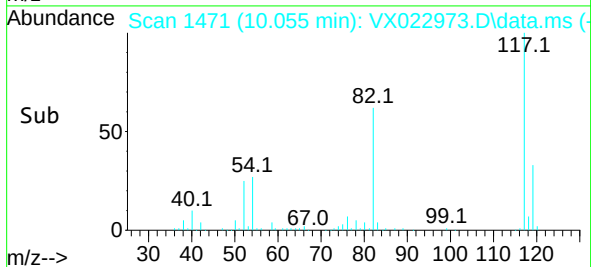
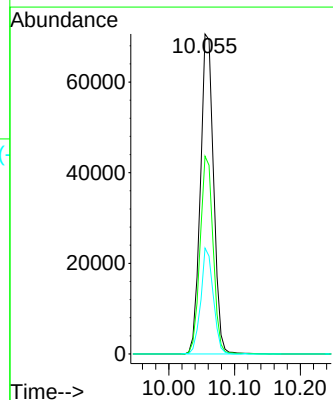
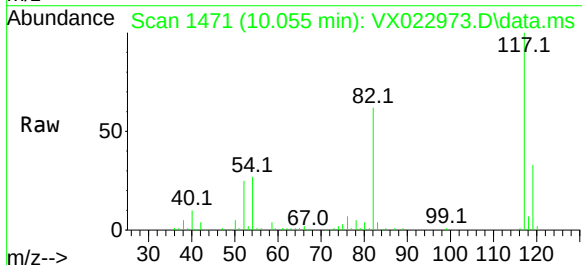
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210622DL

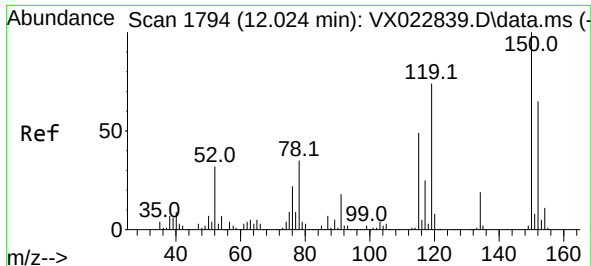
Tgt Ion: 95 Resp: 49125
Ion Ratio Lower Upper
95 100
174 64.3 0.0 154.6
176 58.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 117 Resp: 98253
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 33.1 26.6 39.8

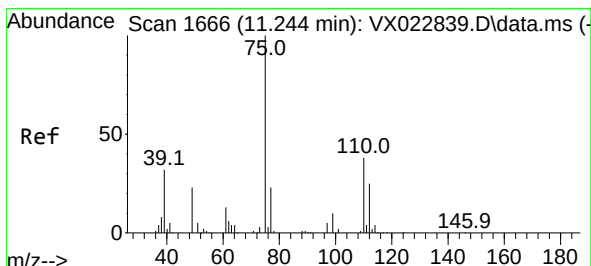
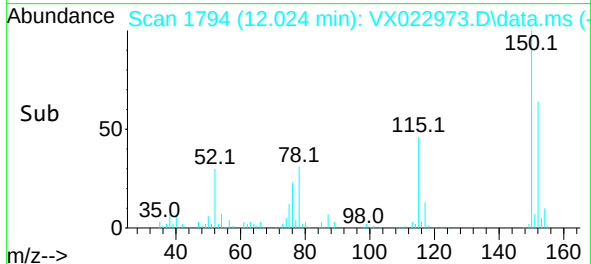
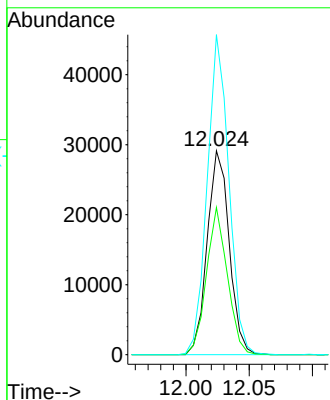
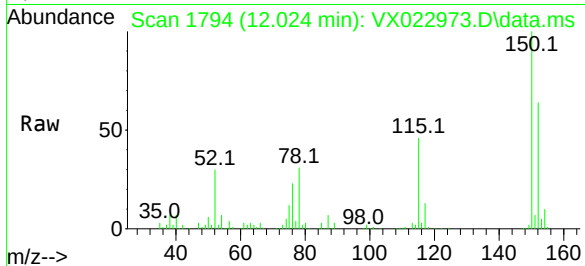




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022973.D
 Acq: 28 Jun 2021 12:41

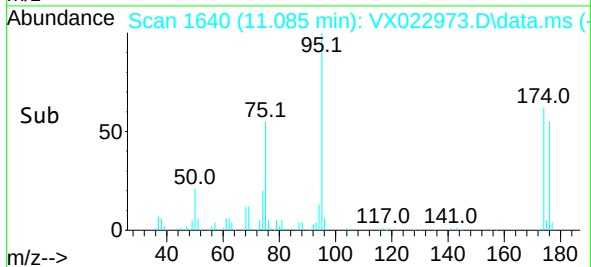
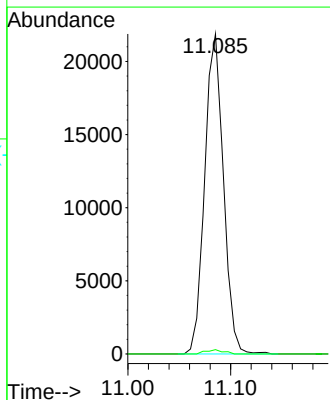
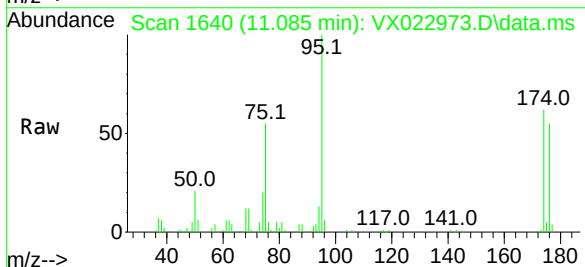
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210622DL

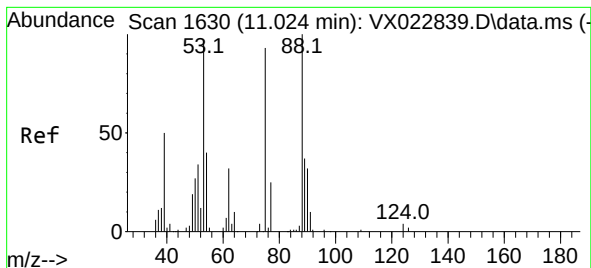
Tgt Ion:152 Resp: 35254
 Ion Ratio Lower Upper
 152 100
 115 68.7 41.1 123.3
 150 154.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.738 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022973.D
 Acq: 28 Jun 2021 12:41

Tgt Ion: 75 Resp: 27692
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

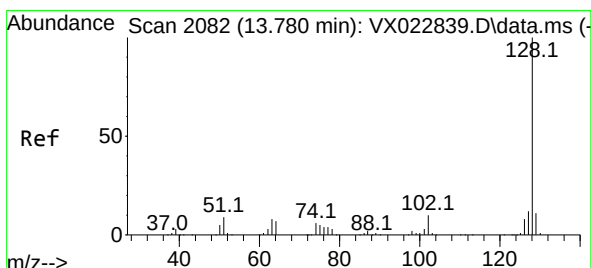
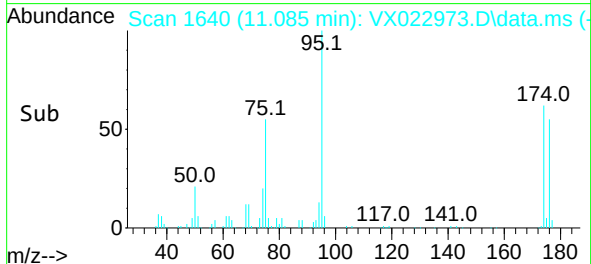
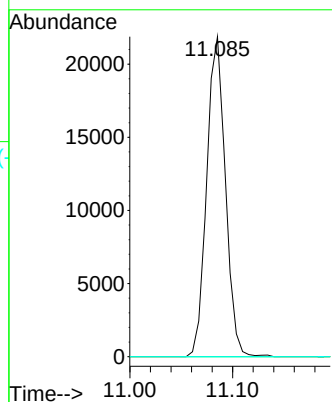
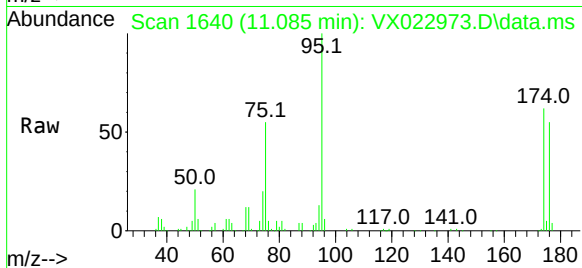




#81
trans-1,4-Dichloro-2-butene
Concen: 76.375 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210622DL

Tgt Ion: 75 Resp: 27692
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.018 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022973.D
Acq: 28 Jun 2021 12:41

Tgt Ion: 128 Resp: 285
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

