

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025873.D
 Acq On : 16 Dec 2021 22:59
 Operator : JC/MD
 Sample : VX1217WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 03:00:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

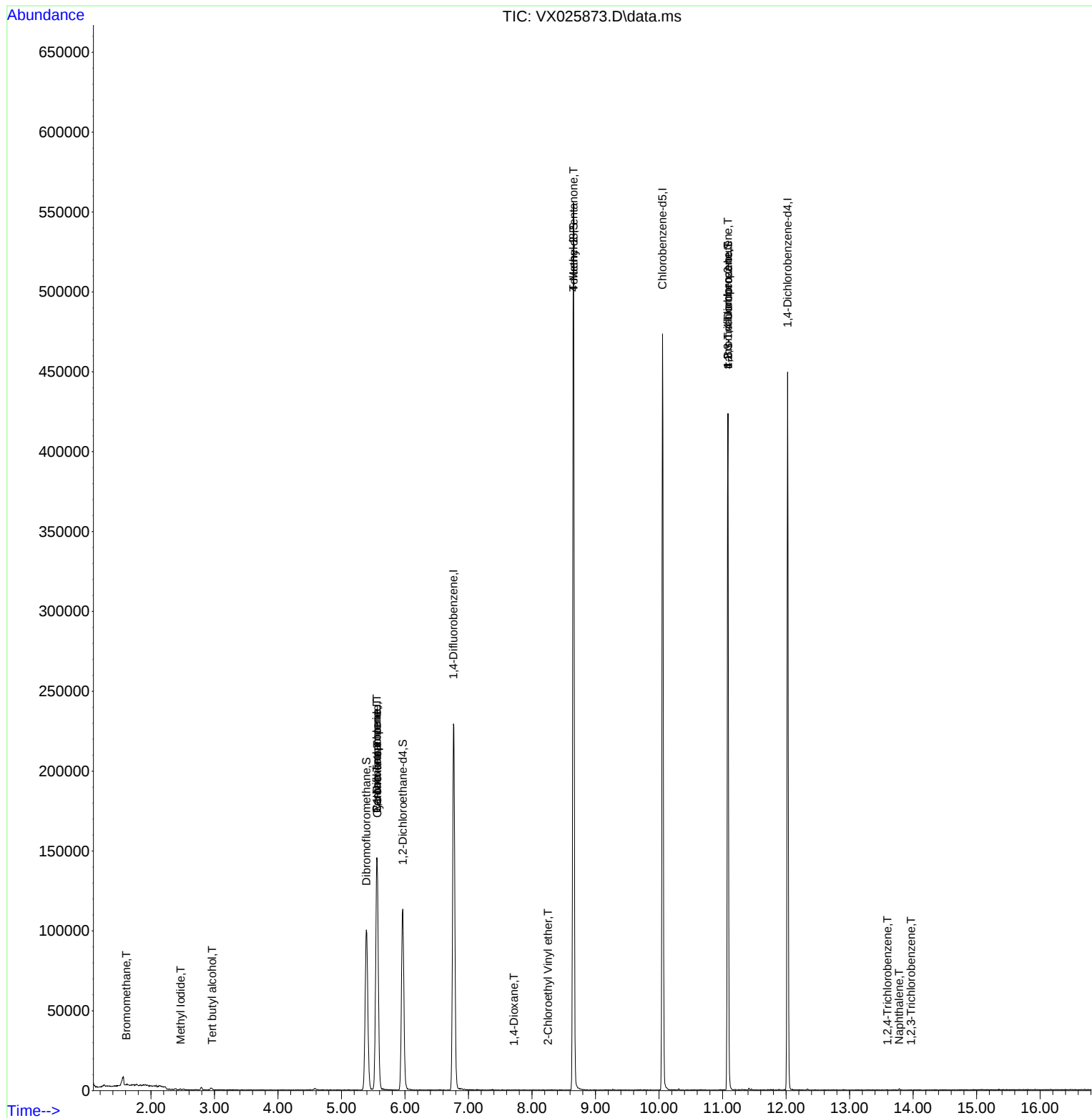
Internal Standards						
1) Pentafluorobenzene	5.556	168	136026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108305	55.338	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 110.680%		
35) Dibromofluoromethane	5.391	113	86976	52.689	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.380%		
50) Toluene-d8	8.653	98	322571	53.632	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.260%		
62) 4-Bromofluorobenzene	11.085	95	111499	48.803	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.600%		
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	398	0.331	ug/l	89
10) Methyl Iodide	2.465	142	551	0.299	ug/l #	89
11) Tert butyl alcohol	2.965	59	859	2.188	ug/l #	73
16) Acetone	2.380	43	1007	Below Cal	#	44
20) Methylene Chloride	2.788	84	731	Below Cal		93
31) Cyclohexane	5.562	56	3438	1.444	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	11437	5.109	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14511	5.571	ug/l #	15
49) 1,4-Dioxane	7.714	88	23	0.558	ug/l #	26
51) 4-Methyl-2-Pentanone	8.653	43	1408	0.537	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.251	63	20	15.651	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	57775	28.225	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57775	87.506	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.597	180	165	3.457	ug/l #	84
95) Naphthalene	13.780	128	804	2.537	ug/l #	82
96) 1,2,3-Trichlorobenzene	13.969	180	28	3.008	ug/l #	1

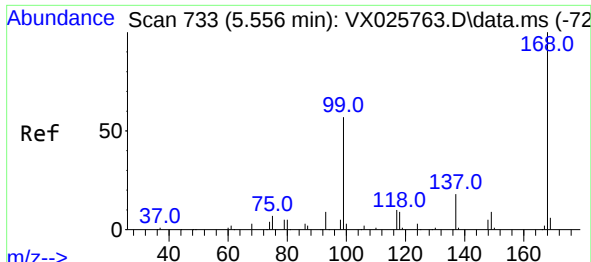
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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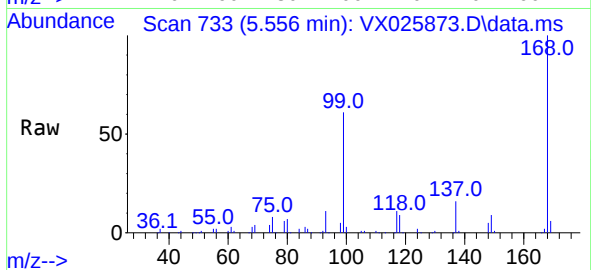
Quant Time: Dec 17 03:00:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
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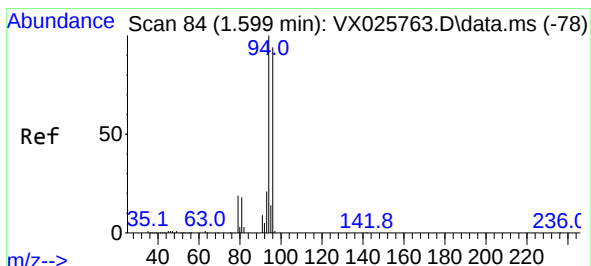
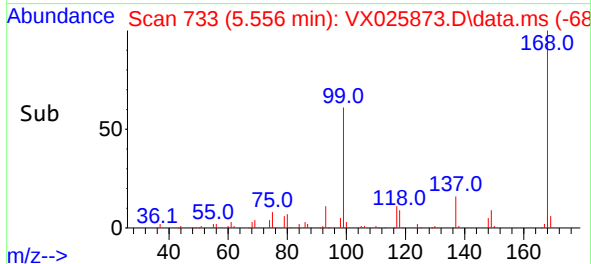
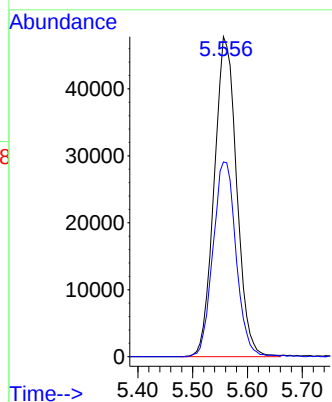


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

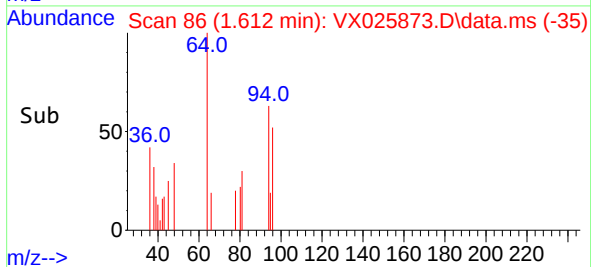
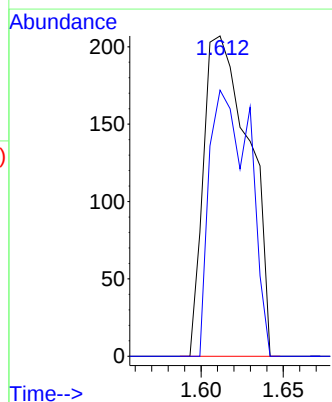
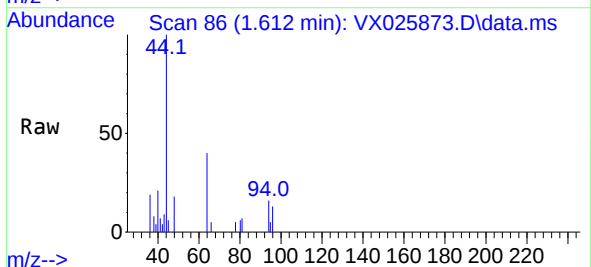


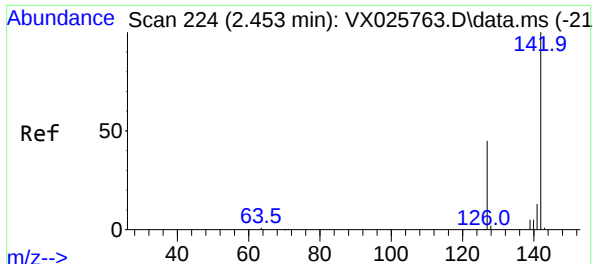
Tgt Ion:168 Resp: 136026
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.8



#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

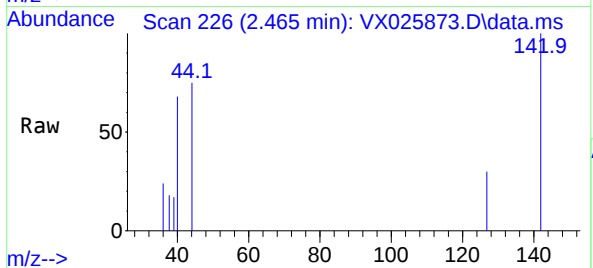
Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 83.1 75.0 112.4



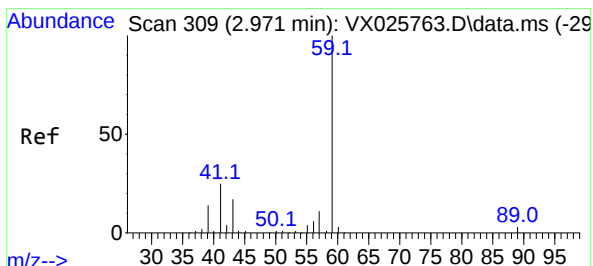
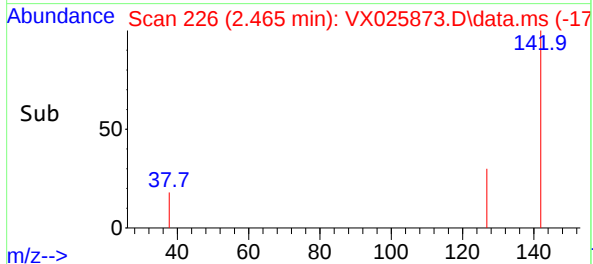
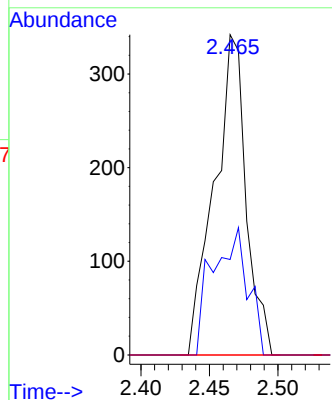


#10
Methyl Iodide
Concen: 0.299 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

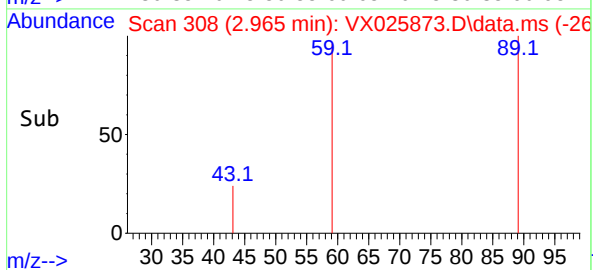
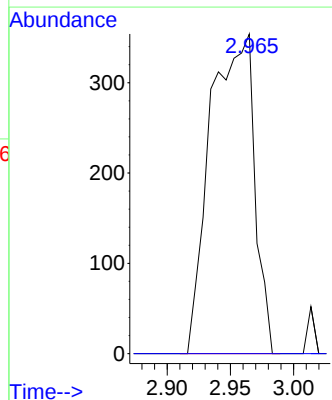
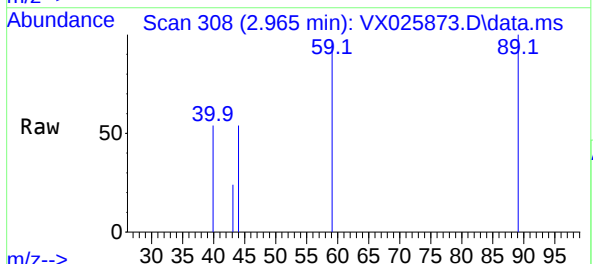


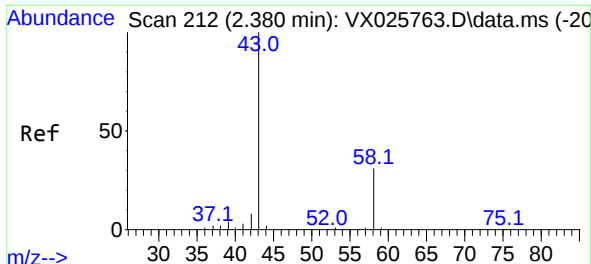
Tgt Ion:142 Resp: 551
Ion Ratio Lower Upper
142 100
127 44.1 37.5 56.3
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.188 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Tgt Ion: 59 Resp: 859
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

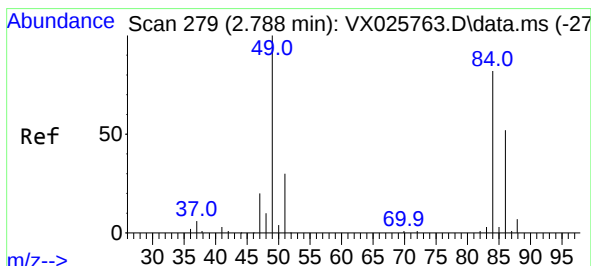
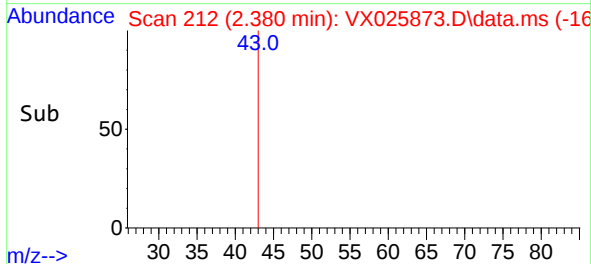
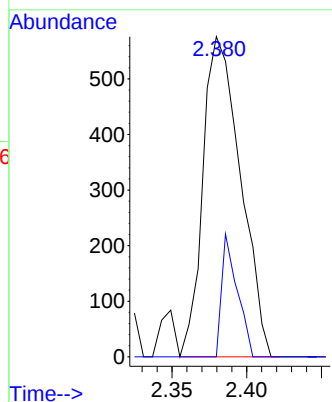
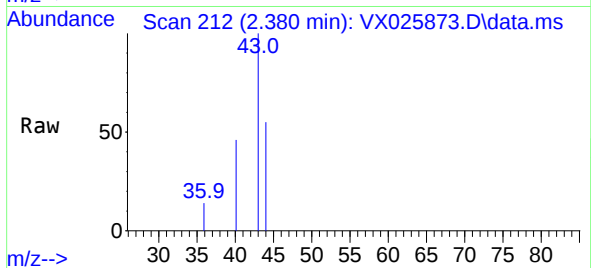




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

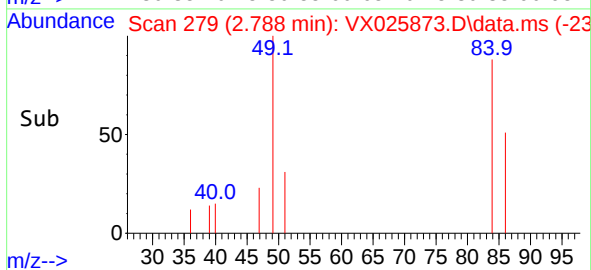
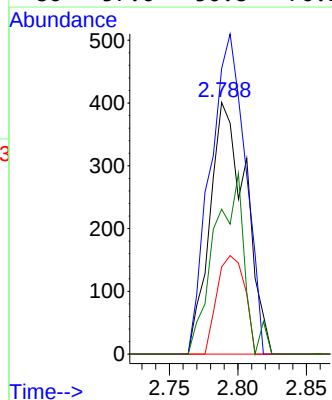
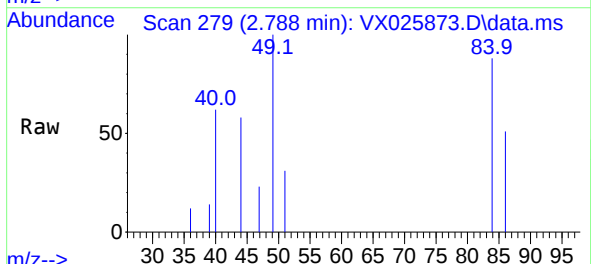
Instrument :
MSVOA_X
ClientSampleId :

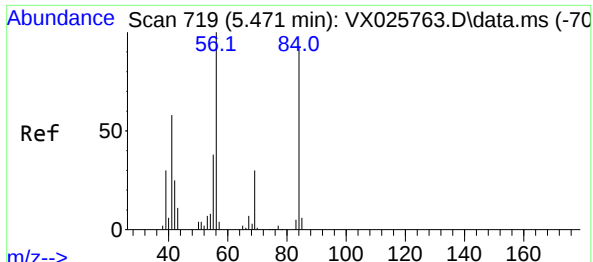
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

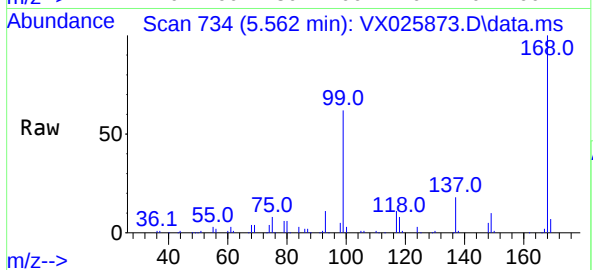
Tgt Ion: 84 Resp: 731
Ion Ratio Lower Upper
84 100
49 113.5 97.1 145.7
51 34.7 29.3 43.9
86 57.6 50.8 76.2



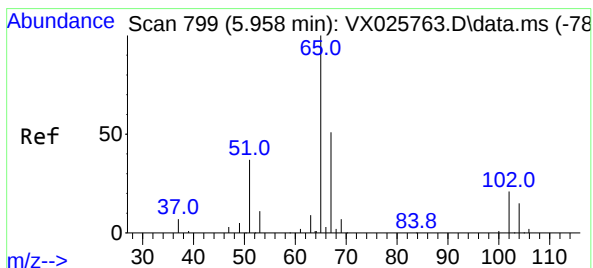
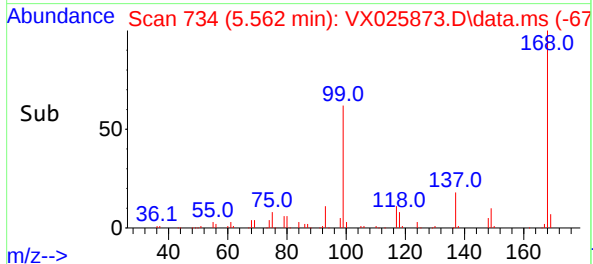
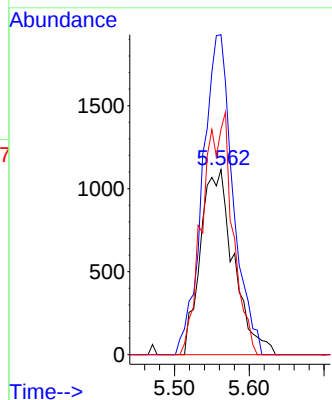


#31
Cyclohexane
Concen: 1.444 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

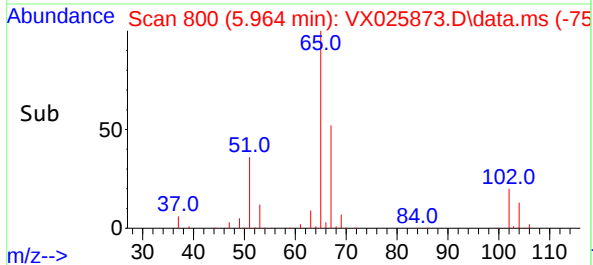
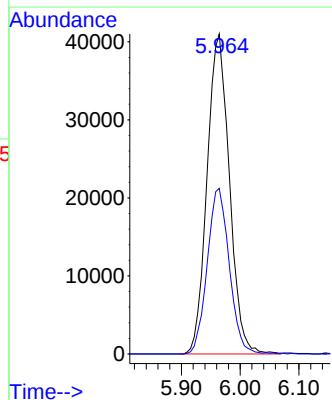
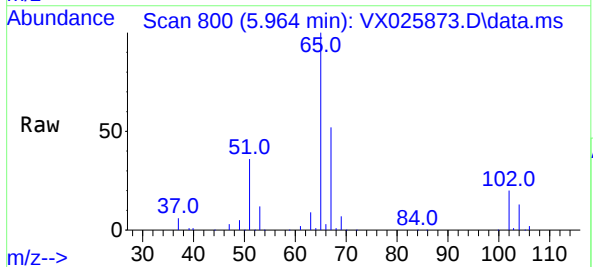


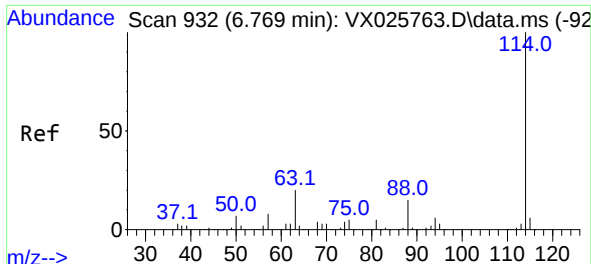
Tgt Ion: 56 Resp: 3438
Ion Ratio Lower Upper
56 100
69 172.9 23.9 35.9#
84 121.8 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 55.338 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Tgt Ion: 65 Resp: 108305
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025873.D

Acq: 16 Dec 2021 22:59

Instrument :

MSVOA_X

ClientSampleId :

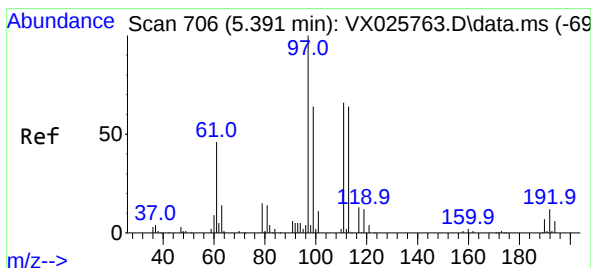
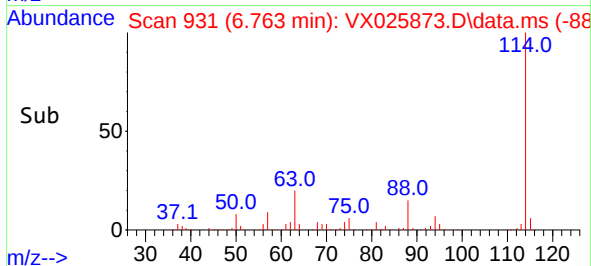
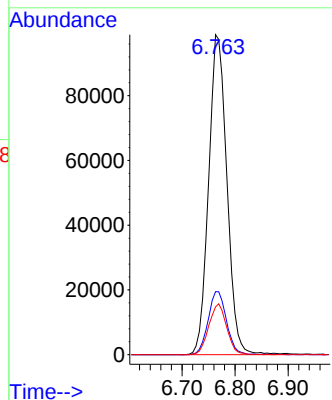
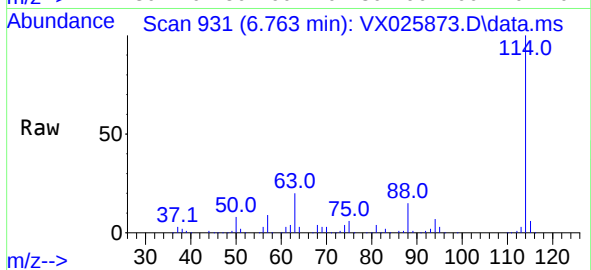
Tgt Ion:114 Resp: 236695

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.689 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025873.D

Acq: 16 Dec 2021 22:59

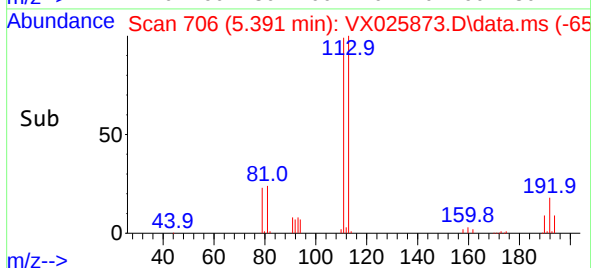
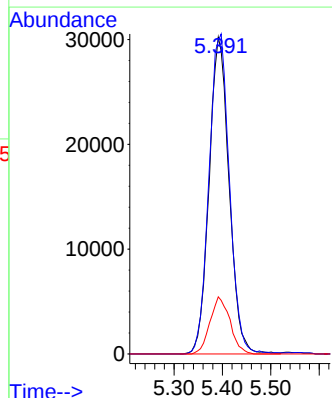
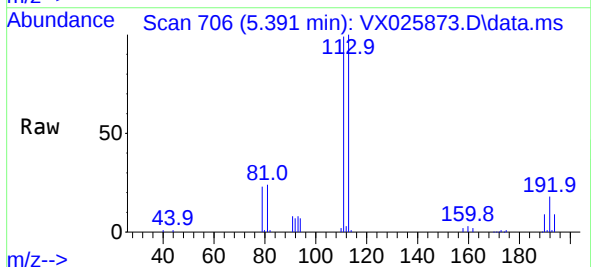
Tgt Ion:113 Resp: 86976

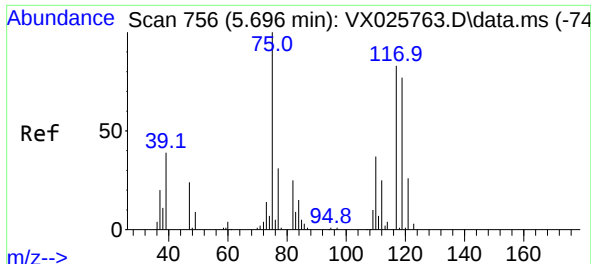
Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

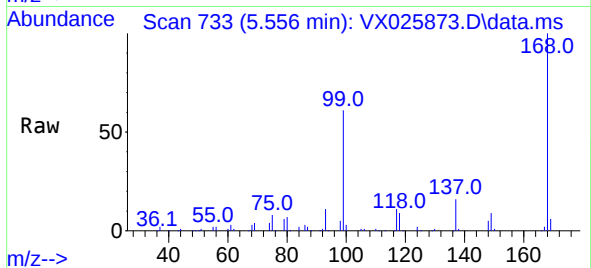
192 18.0 15.0 22.4



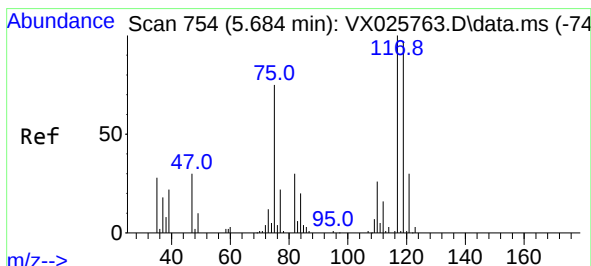
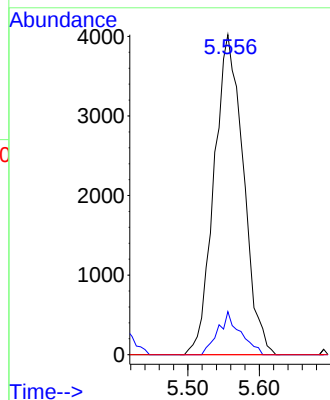
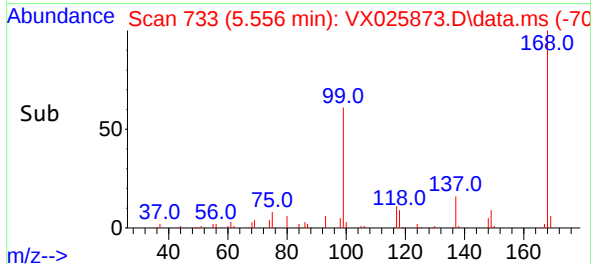


#36
1,1-Dichloropropene
Concen: 5.109 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

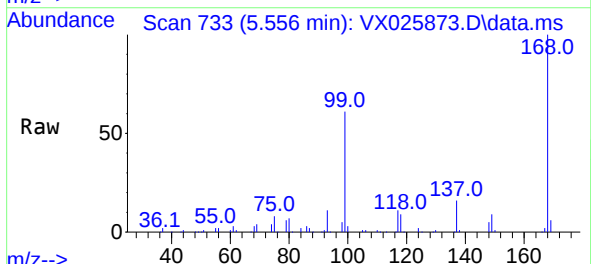
Instrument :
MSVOA_X
ClientSampleId :



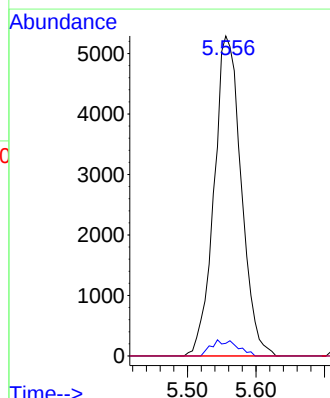
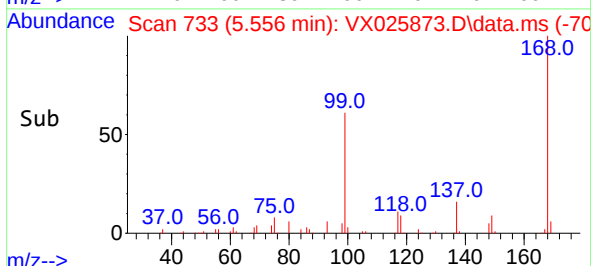
Tgt Ion: 75 Resp: 11437
Ion Ratio Lower Upper
75 100
110 10.2 18.2 54.6#
77 0.0 24.7 37.1#

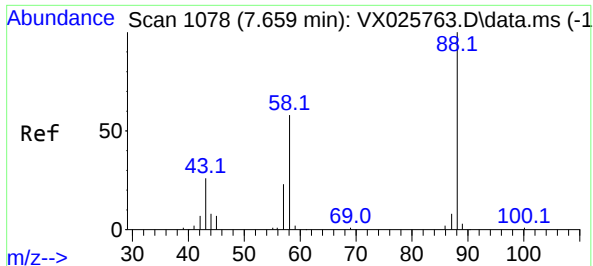


#38
Carbon Tetrachloride
Concen: 5.571 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59



Tgt Ion: 117 Resp: 14511
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 23.8 35.8#





#49

1,4-Dioxane

Concen: 0.558 ug/l

RT: 7.714 min Scan# 1078

Delta R.T. 0.055 min

Lab File: VX025873.D

Acq: 16 Dec 2021 22:59

Instrument :

MSVOA_X

ClientSampleId :

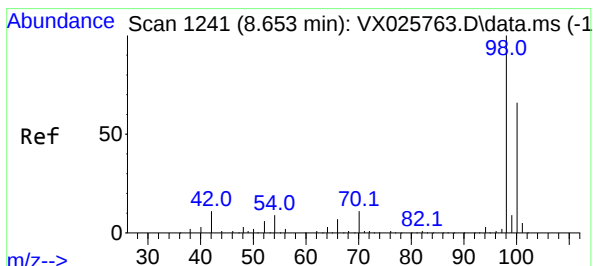
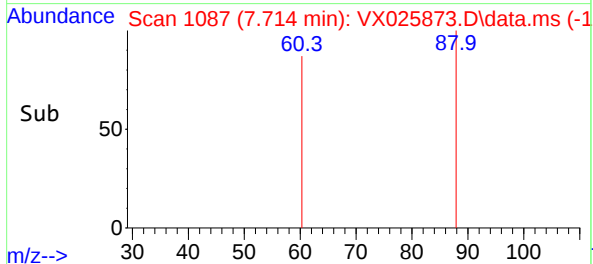
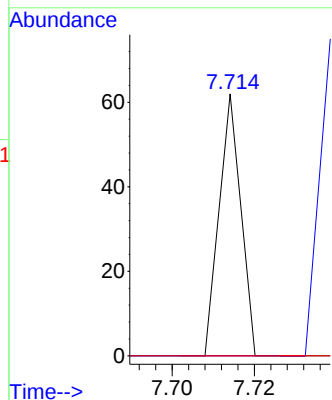
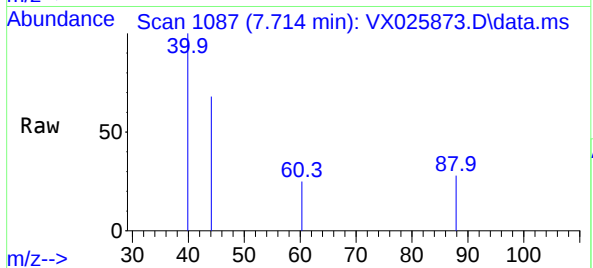
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 0.0 51.8 77.6#



#50

Toluene-d8

Concen: 53.632 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025873.D

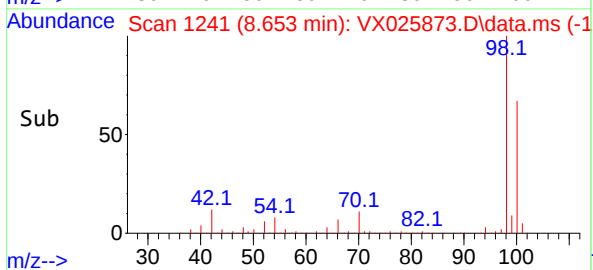
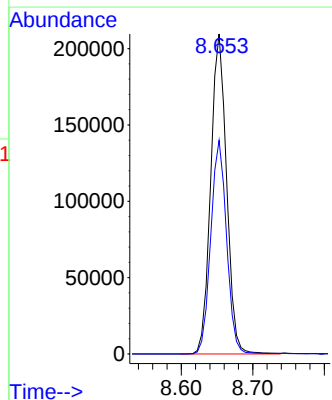
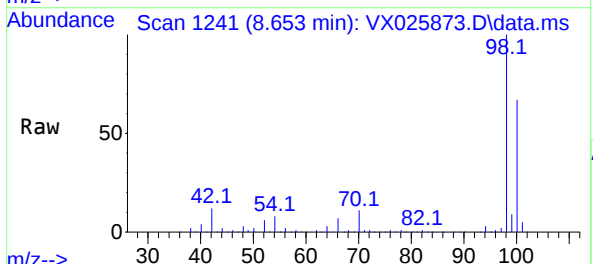
Acq: 16 Dec 2021 22:59

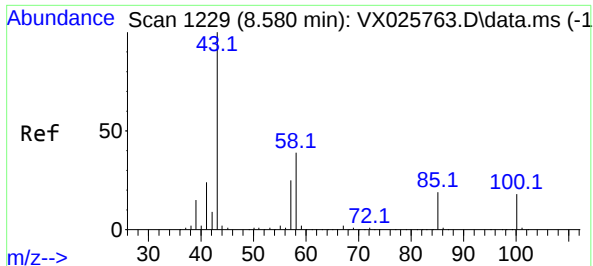
Tgt Ion: 98 Resp: 322571

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

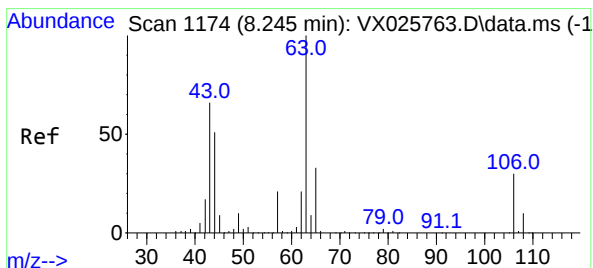
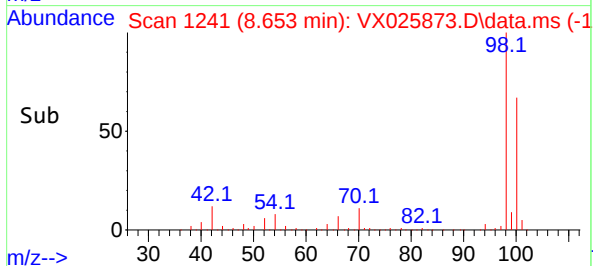
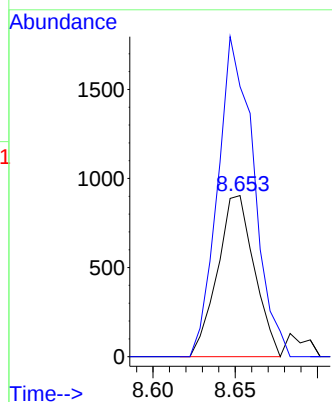
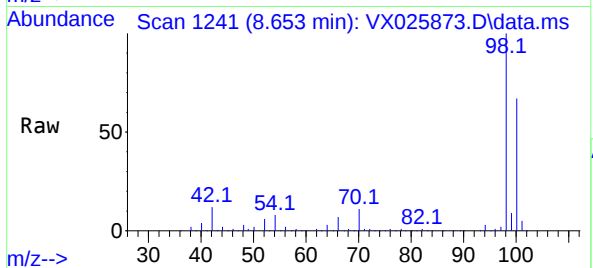




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 1175
Delta R.T. 0.073 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

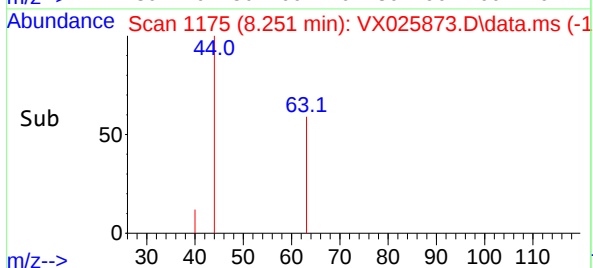
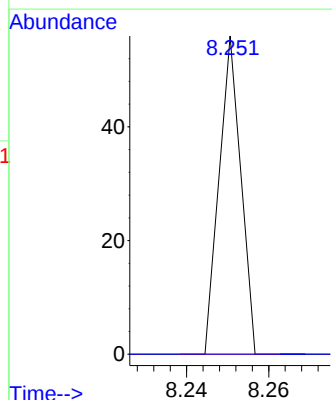
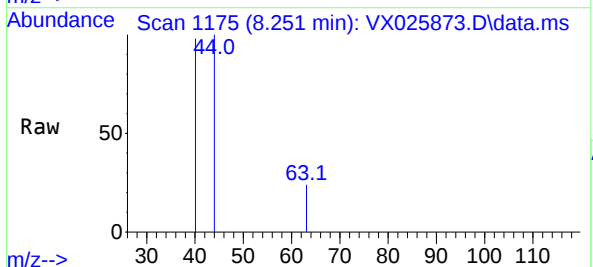
Instrument :
MSVOA_X
ClientSampleId :

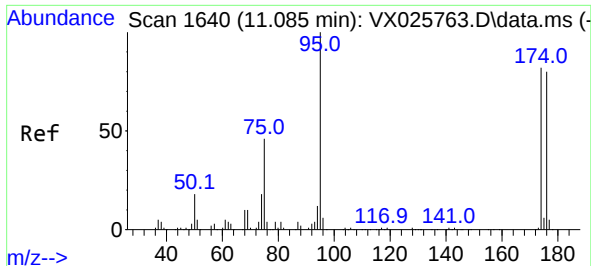
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 194.0 30.8 46.2#



#58
2-Chloroethyl Vinyl ether
Concen: 15.651 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

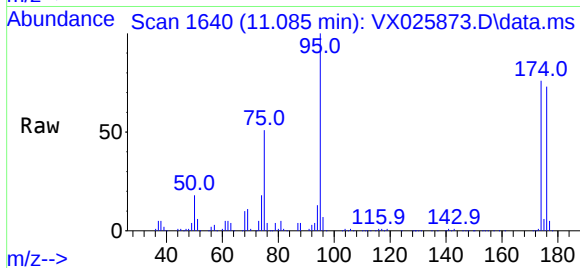
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#



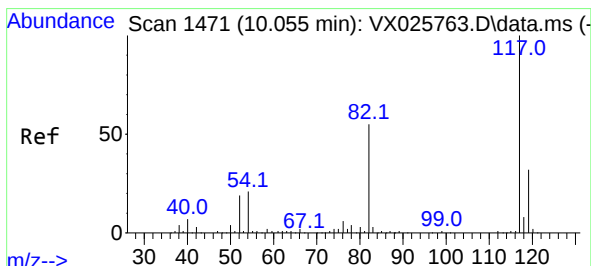
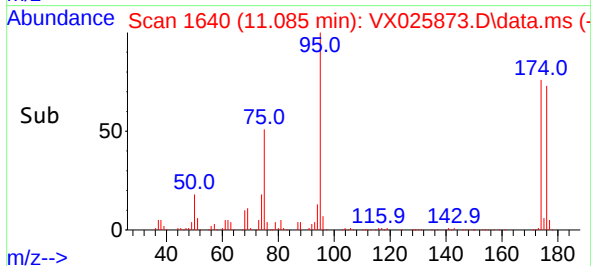
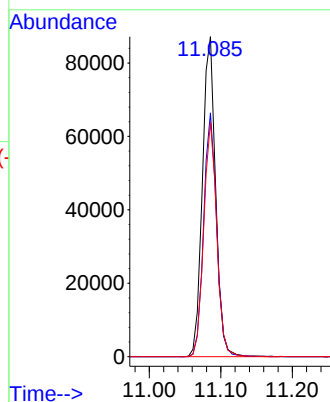


#62
4-Bromofluorobenzene
Concen: 48.803 ug/l
RT: 11.085 min Scan# 111499
Delta R.T. -0.000 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

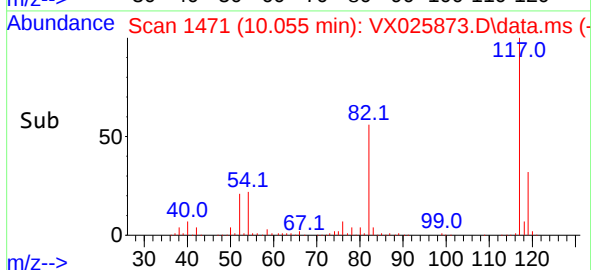
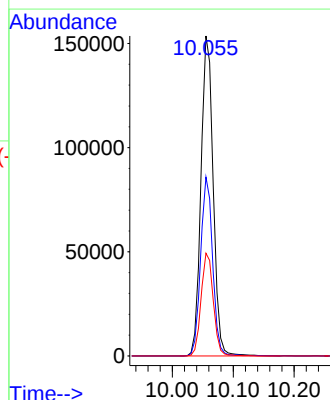
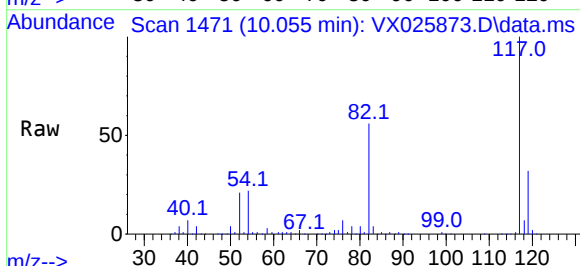


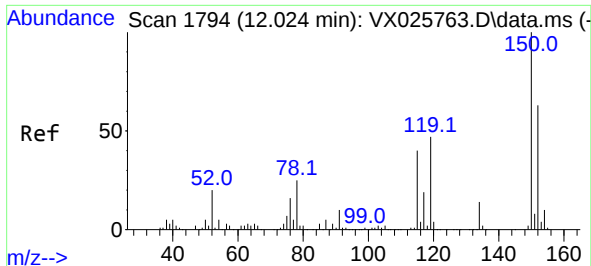
Tgt Ion: 95 Resp: 111499
Ion Ratio Lower Upper
95 100
174 75.1 0.0 157.4
176 72.3 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

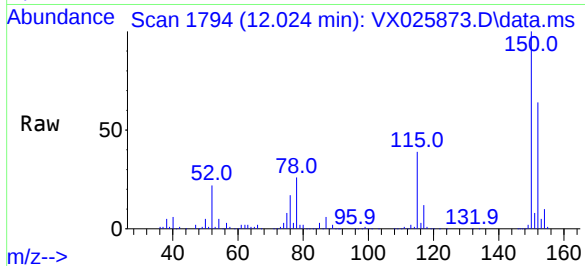
Tgt Ion: 117 Resp: 213606
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.6
119 32.1 25.2 37.8



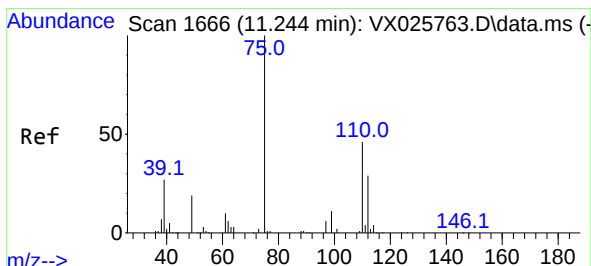
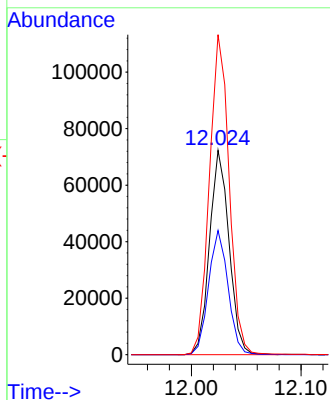
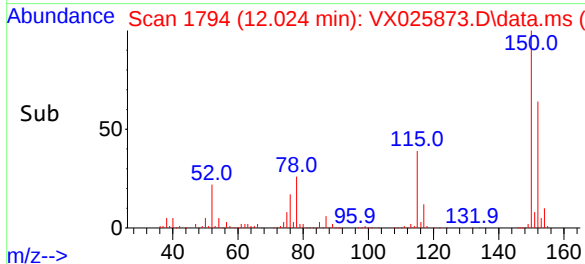


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

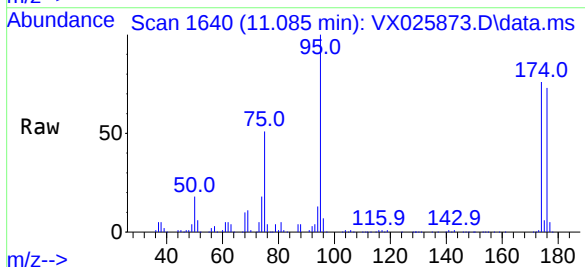
Instrument :
MSVOA_X
ClientSampleId :



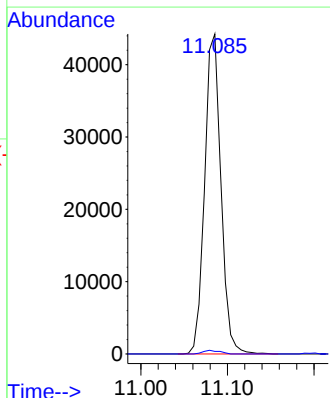
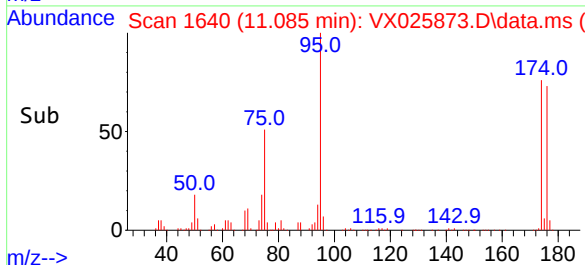
Tgt Ion:152 Resp: 89339
Ion Ratio Lower Upper
152 100
115 60.9 41.3 123.9
150 159.1 0.0 351.8

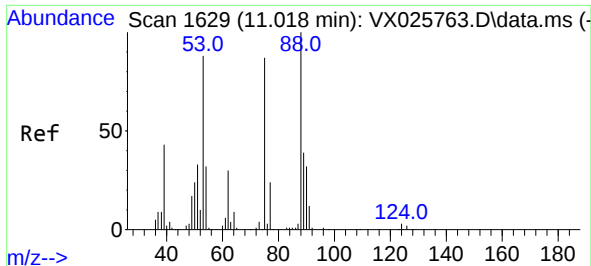


#76
1,2,3-Trichloropropane
Concen: 28.225 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59



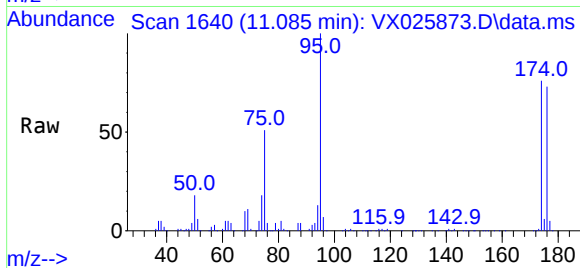
Tgt Ion: 75 Resp: 57775
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



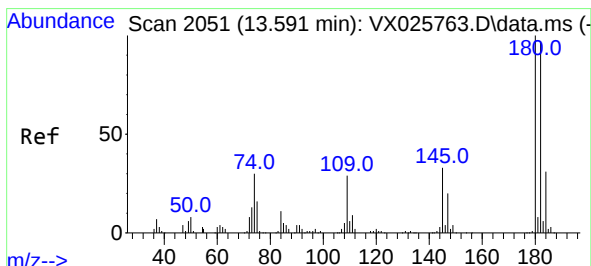
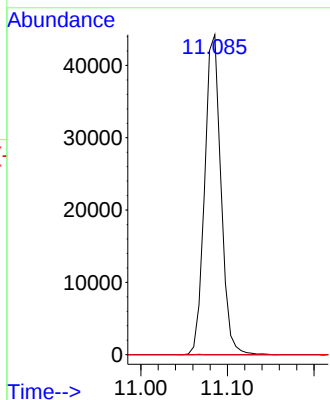
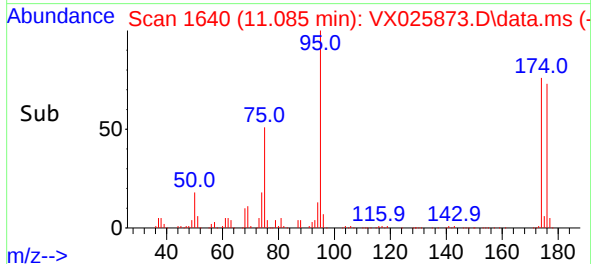


#81
trans-1,4-Dichloro-2-butene
Concen: 87.506 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

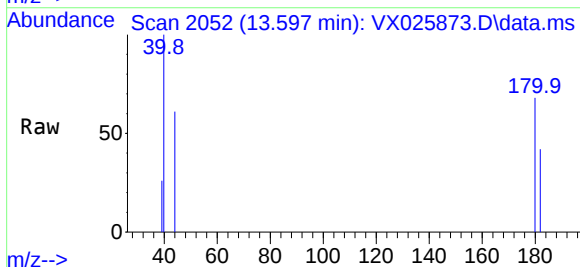
Instrument :
MSVOA_X
ClientSampleId :



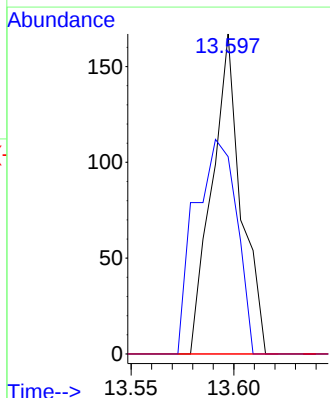
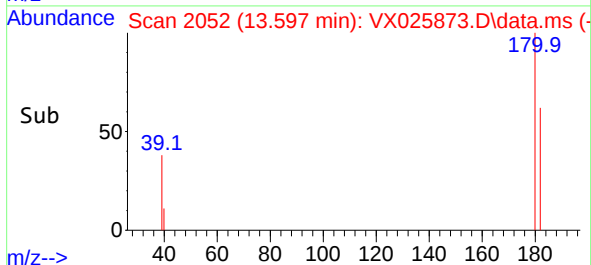
Tgt Ion: 75 Resp: 57775
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

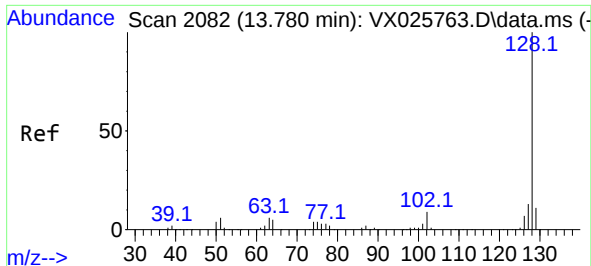


#93
1,2,4-Trichlorobenzene
Concen: 3.457 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59



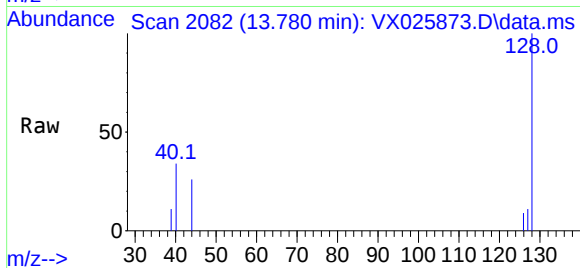
Tgt Ion: 180 Resp: 165
Ion Ratio Lower Upper
180 100
182 95.8 47.2 141.6
145 0.0 16.3 48.9#



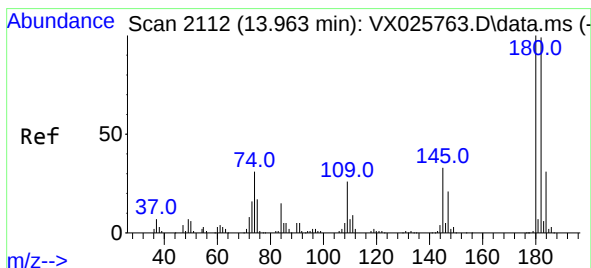
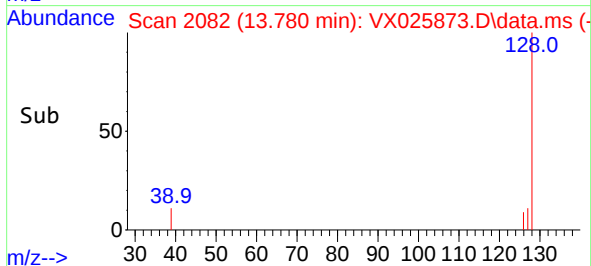
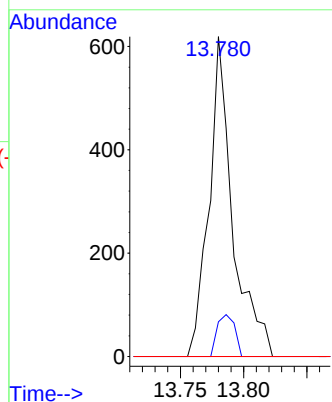


#95
Naphthalene
Concen: 2.537 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 804
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.008 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025873.D
Acq: 16 Dec 2021 22:59

Tgt Ion:180 Resp: 28
Ion Ratio Lower Upper
180 100
182 242.9 47.5 142.6#
145 0.0 16.7 50.1#

