

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021975.D
 Acq On : 13 May 2021 18:13
 Operator : JC/MD
 Sample : PB136362ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136362ZHE#01

Quant Time: May 14 04:39:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

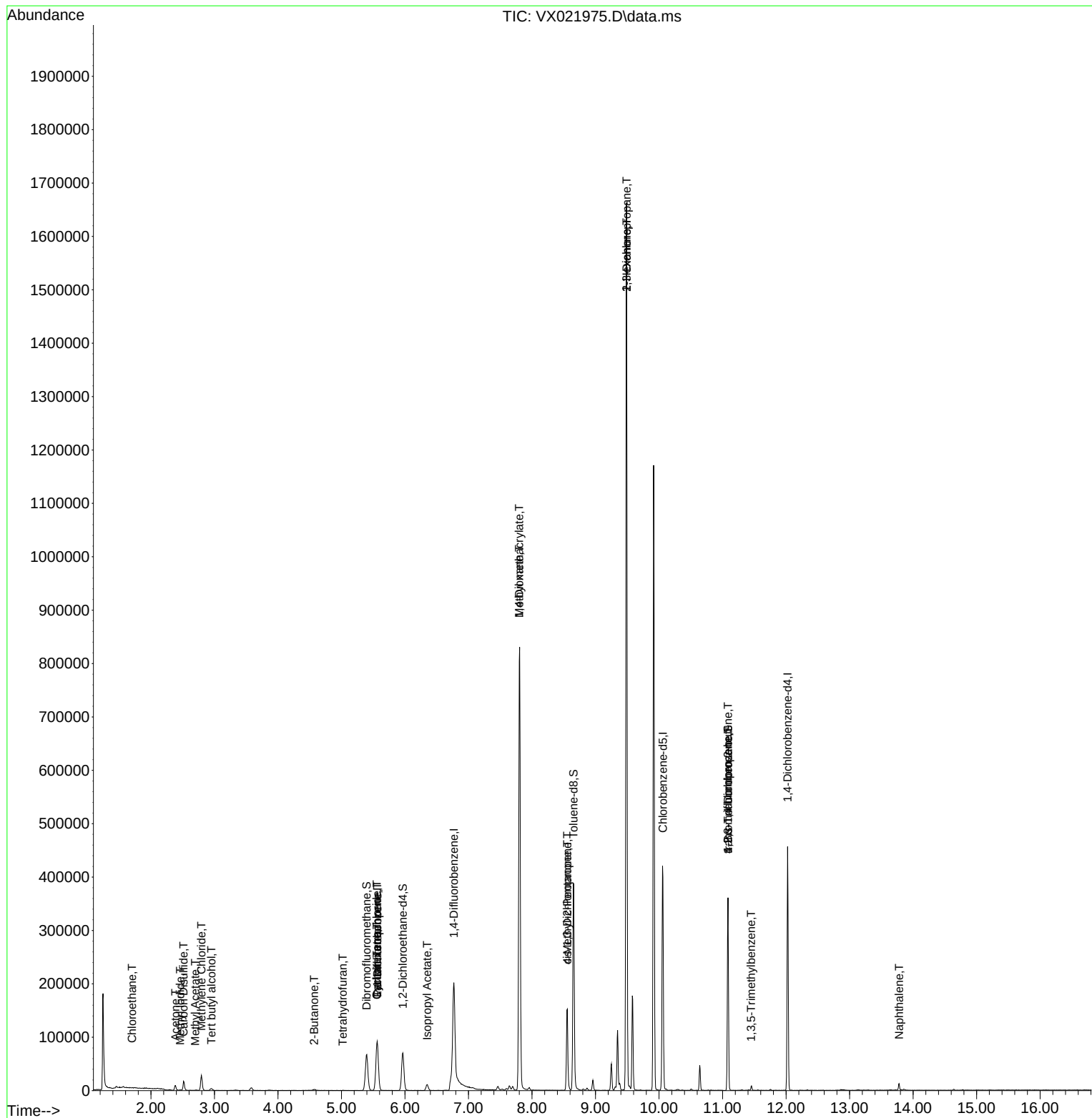
Internal Standards						
1) Pentafluorobenzene	5.562	168	80422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	187823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64696	48.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.76%		
35) Dibromofluoromethane	5.397	113	57460	46.86	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.72%		
50) Toluene-d8	8.653	98	226258	48.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.70%		
62) 4-Bromofluorobenzene	11.085	95	98274	53.22	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.44%		
Target Compounds					Qvalue	
6) Chloroethane	1.703	64	817	1.07	ug/l #	47
10) Methyl Iodide	2.459	142	919	0.75	ug/l #	83
11) Tert butyl alcohol	2.953	59	2538	7.19	ug/l #	73
13) Acrolein	2.221	56	55	Below Cal	#	77
16) Acetone	2.386	43	9754	16.43	ug/l	96
17) Carbon Disulfide	2.514	76	20094	6.63	ug/l	98
18) Methyl Acetate	2.697	43	1381	0.84	ug/l #	89
20) Methylene Chloride	2.794	84	12307	10.17	ug/l	94
25) 2-Butanone	4.568	43	2256	2.21	ug/l #	71
29) Tetrahydrofuran	5.019	42	276	0.45	ug/l #	44
31) Cyclohexane	5.556	56	2081	1.19	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	7037	3.71	ug/l #	48
38) Carbon Tetrachloride	5.556	117	9468	4.99	ug/l #	16
43) Isopropyl Acetate	6.348	43	15167	3.91	ug/l	94
48) Methyl methacrylate	7.799	41	68172	38.23	ug/l #	36
49) 1,4-Dioxane	7.799	88	65	1.73	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	53842	22.31	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	25789	10.35	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	15137	6.07	ug/l #	43
59) 2-Hexanone	9.488	43	188456	101.37	ug/l #	45
76) 1,2,3-Trichloropropane	11.085	75	49267	20.97	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	3774	0.59	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	49267	48.63	ug/l #	12
95) Naphthalene	13.780	128	7861	1.06	ug/l	97

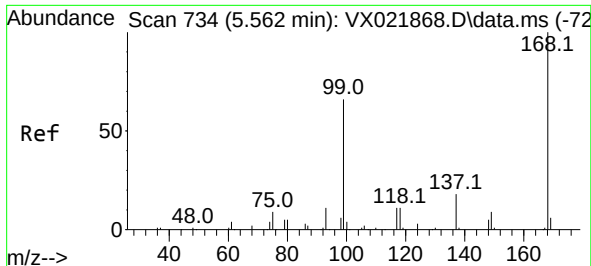
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
Data File : VX021975.D
Acq On : 13 May 2021 18:13
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

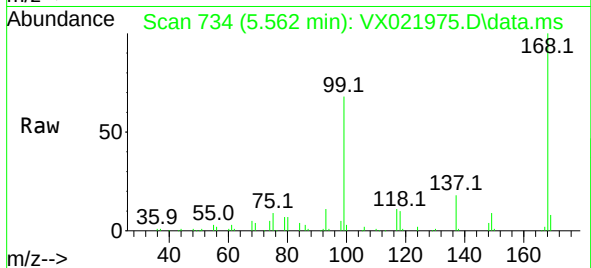
Quant Time: May 14 04:39:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Sat May 08 05:38:18 2021
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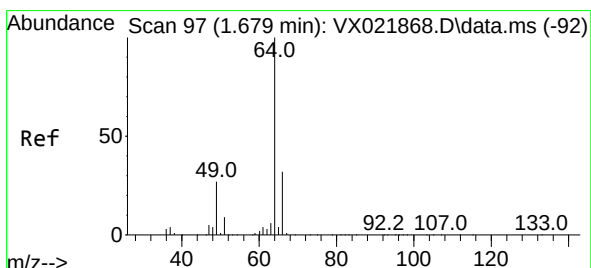
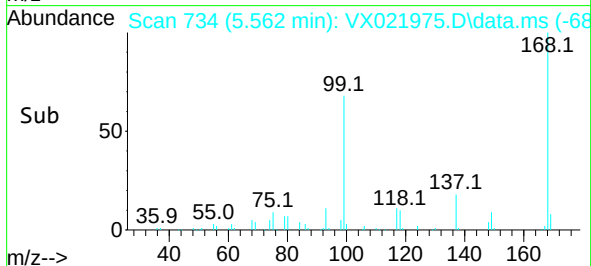
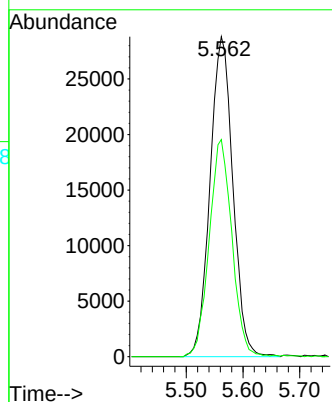


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

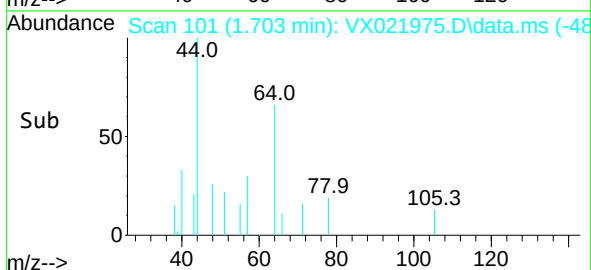
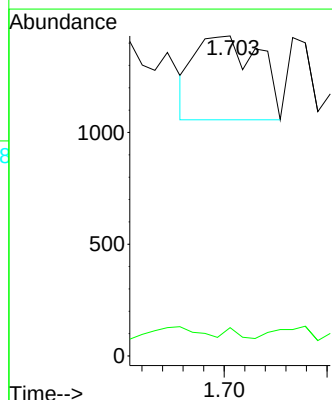
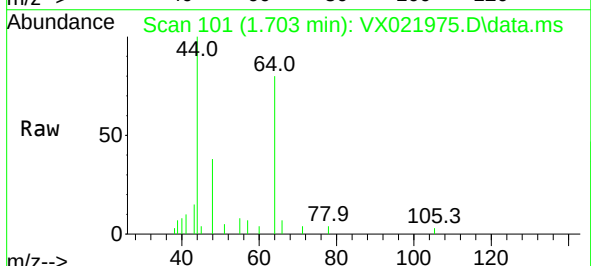


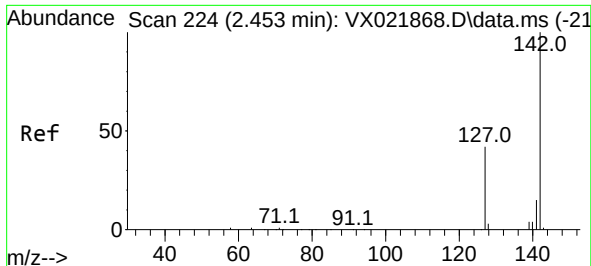
Tgt Ion:168 Resp: 80422
Ion Ratio Lower Upper
168 100
99 67.9 45.8 68.6



#6
Chloroethane
Concen: 1.07 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

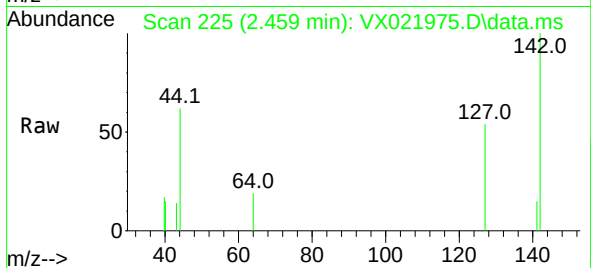
Tgt Ion: 64 Resp: 817
Ion Ratio Lower Upper
64 100
66 2.4 25.4 38.0#



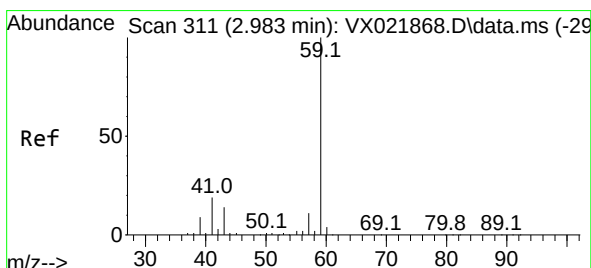
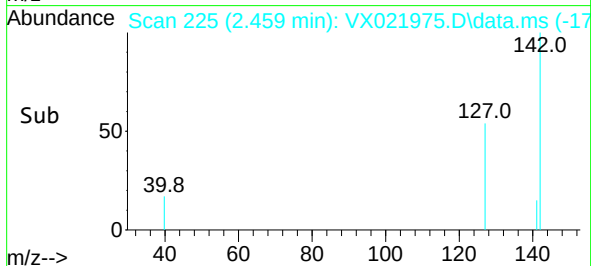
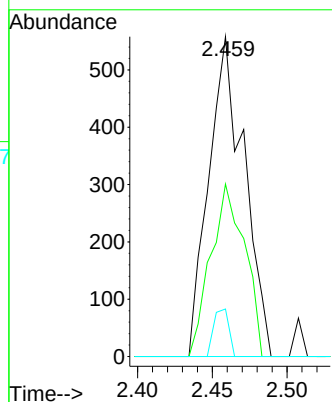


#10
Methyl Iodide
Concen: 0.75 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

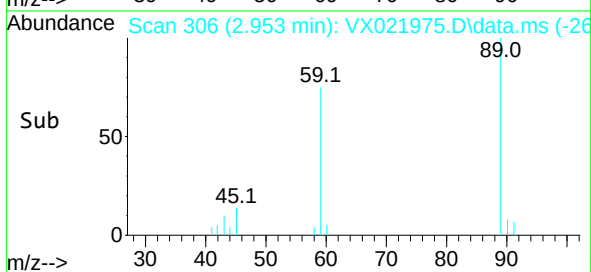
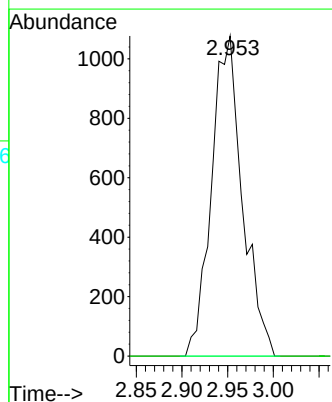
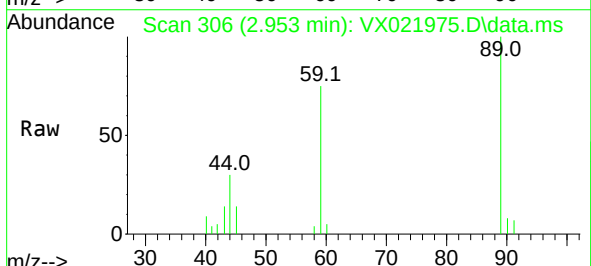


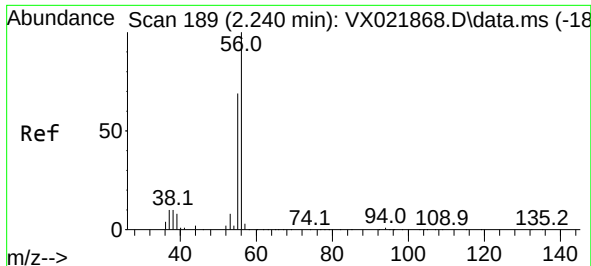
Tgt Ion:142 Resp: 919
Ion Ratio Lower Upper
142 100
127 51.7 33.3 49.9#
141 6.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 7.19 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 59 Resp: 2538
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

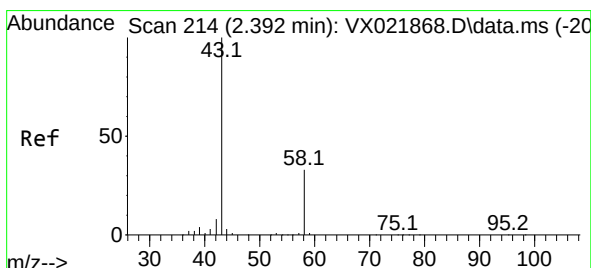
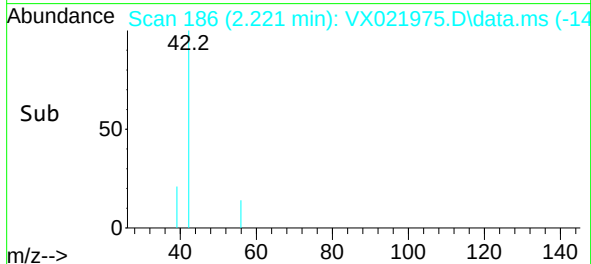
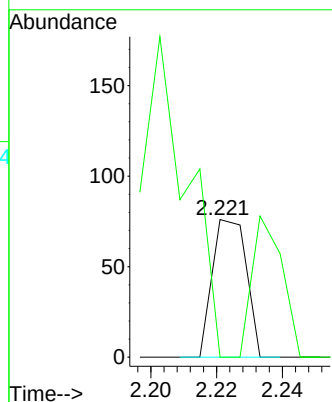
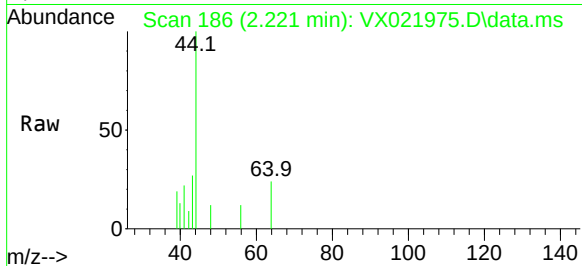




#13
Acrolein
Concen: Below Cal
RT: 2.221 min Scan# 186
Delta R.T. -0.019 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

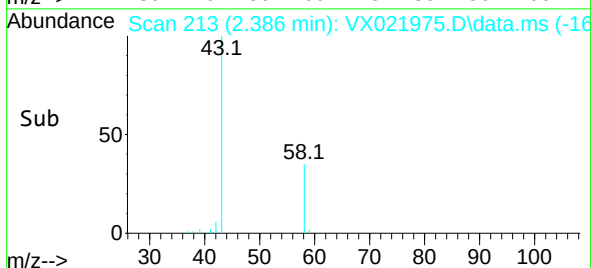
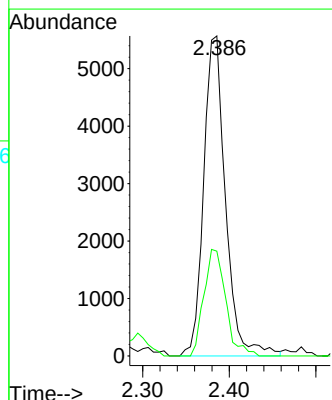
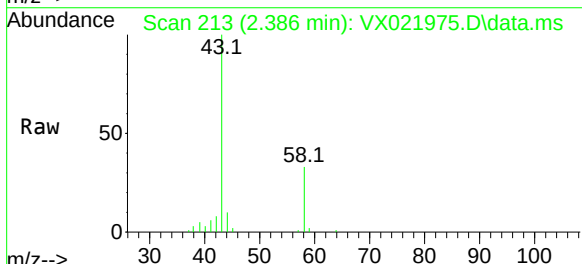
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

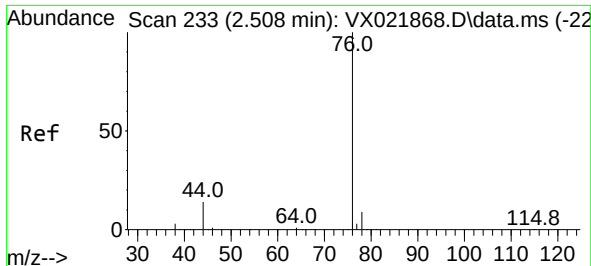
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 89.1 56.4 84.6#



#16
Acetone
Concen: 16.43 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 43 Resp: 9754
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8

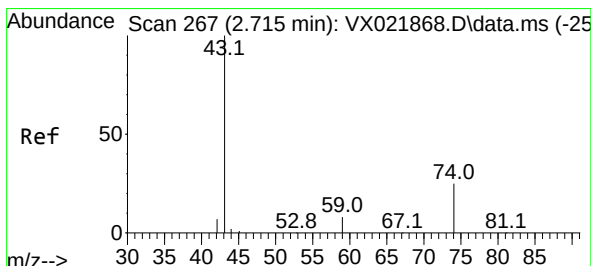
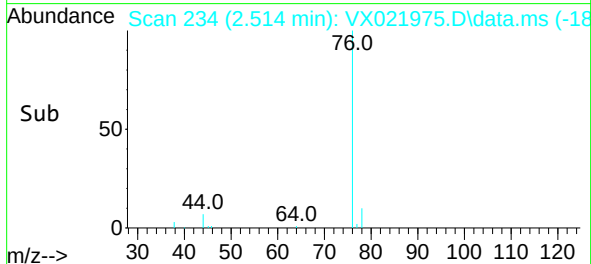
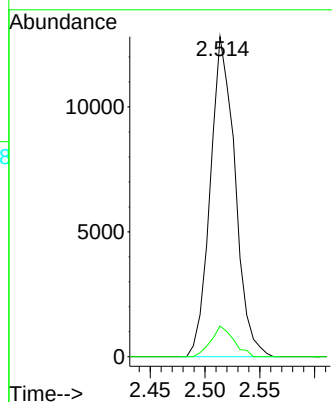
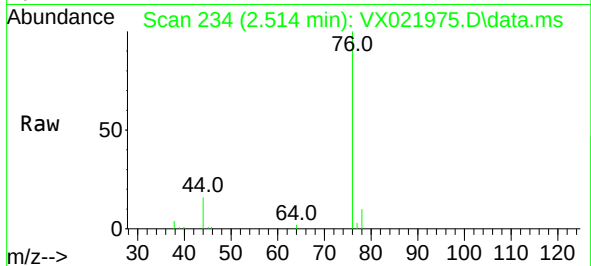




#17
Carbon Disulfide
Concen: 6.63 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

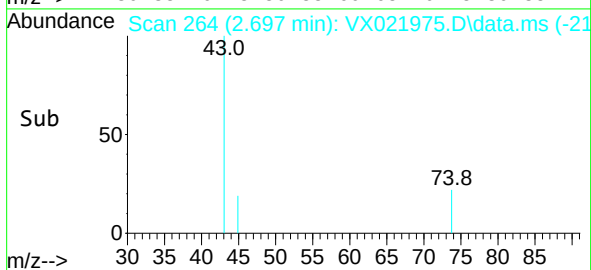
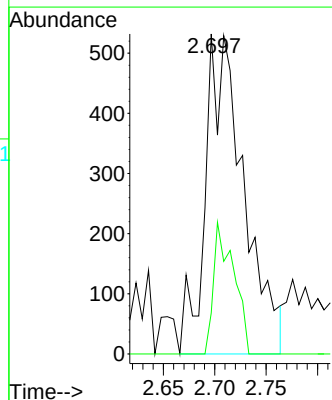
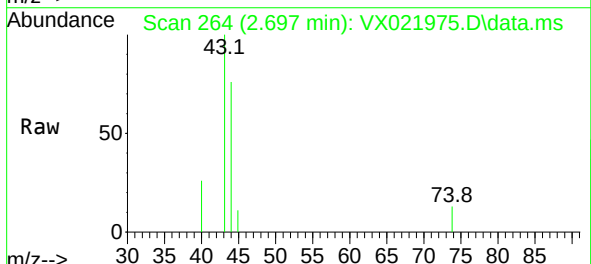
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

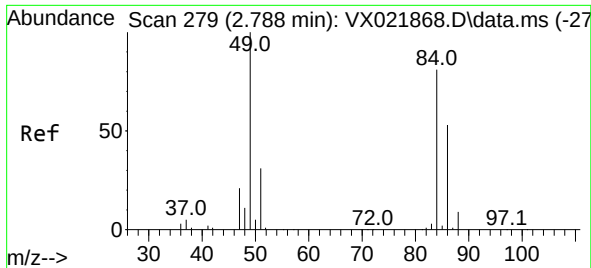
Tgt Ion: 76 Resp: 20094
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 0.84 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.018 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#



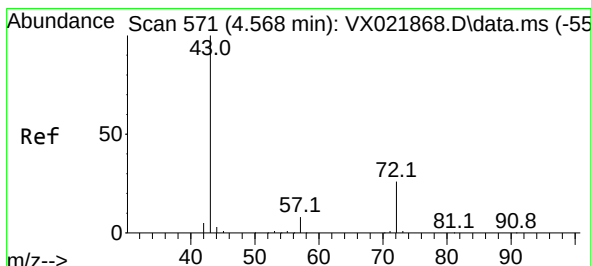
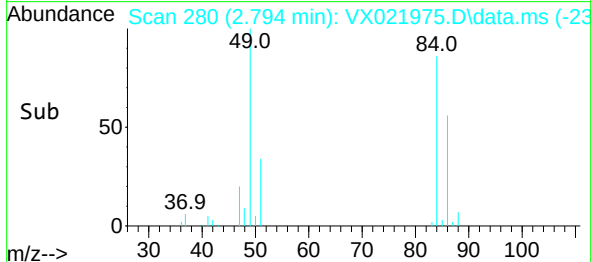
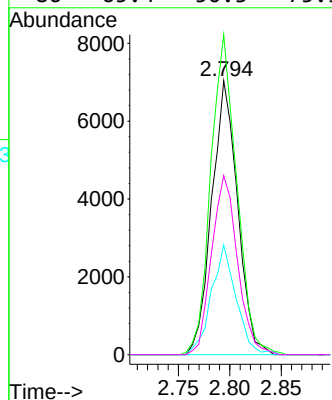
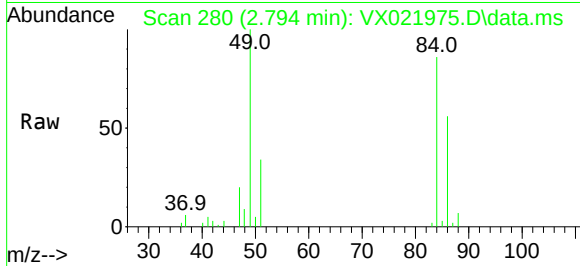


#20
Methylene Chloride
Concen: 10.17 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

Tgt Ion: 84 Resp: 12307

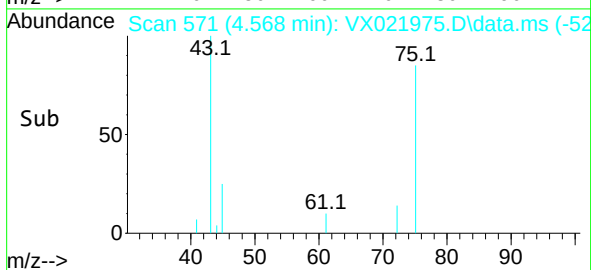
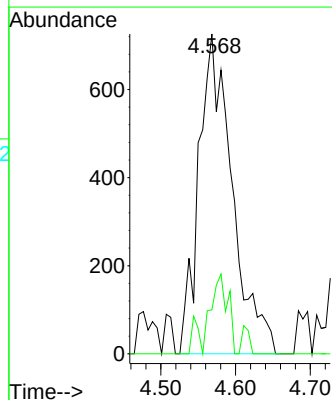
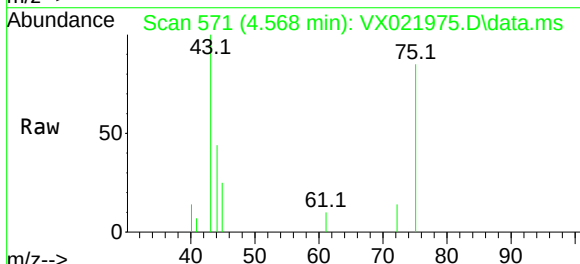
Ion	Ratio	Lower	Upper
84	100		
49	116.9	88.6	132.8
51	40.0	27.0	40.6
86	65.4	50.3	75.5

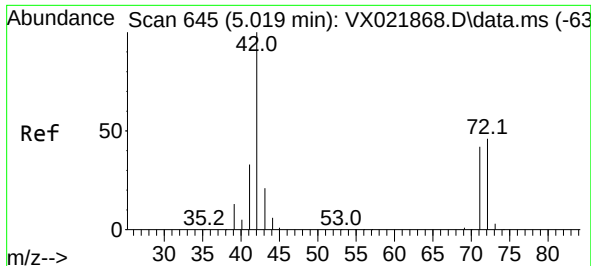


#25
2-Butanone
Concen: 2.21 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 43 Resp: 2256

Ion	Ratio	Lower	Upper
43	100		
72	13.8	23.7	35.5#

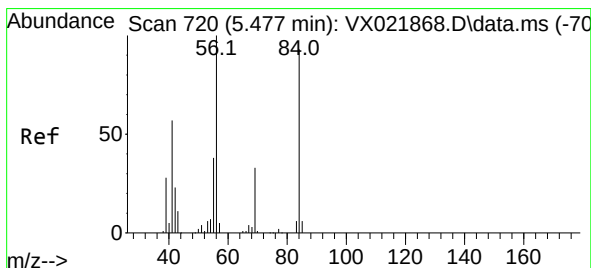
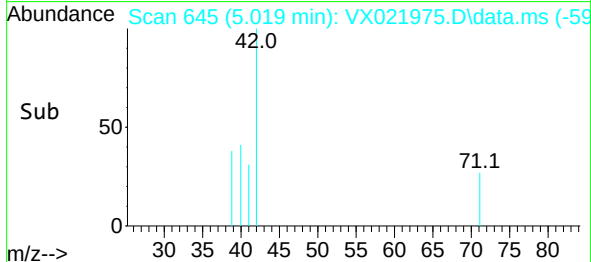
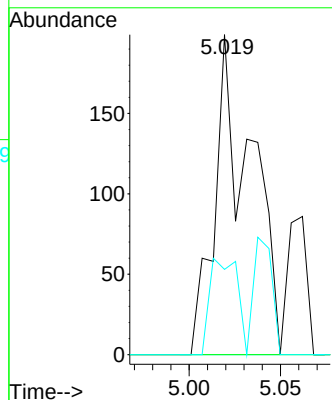
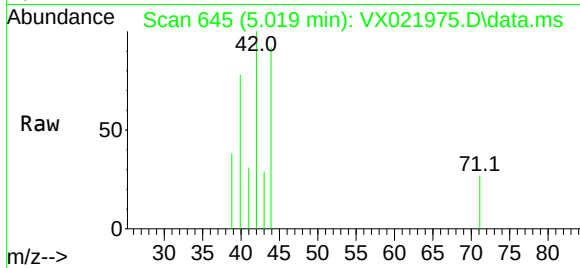




#29
Tetrahydrofuran
Concen: 0.45 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

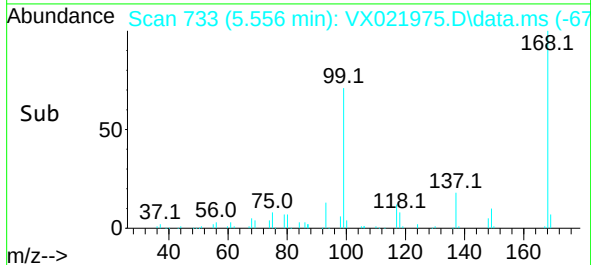
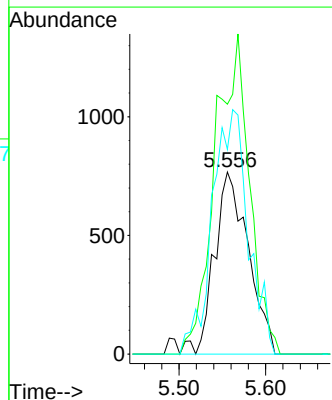
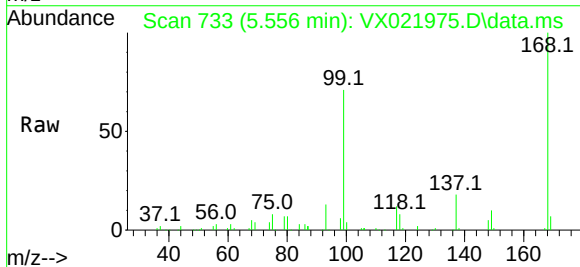
Instrument :
MSVOA_X
ClientSampleId :
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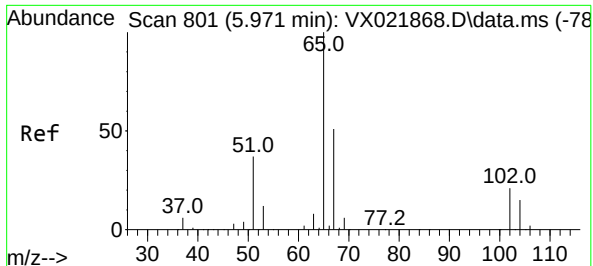
Tgt Ion:	42	Resp:	276
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	22.8	38.4	57.6#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion:	56	Resp:	2081
Ion	Ratio	Lower	Upper
56	100		
69	137.3	25.3	37.9#
84	112.4	71.4	107.0#



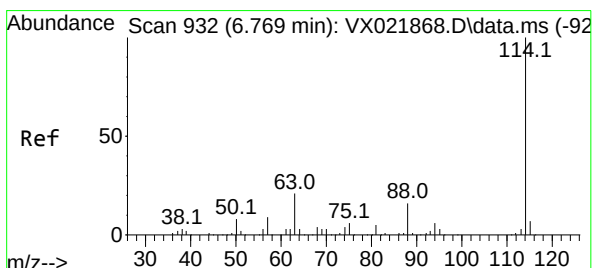
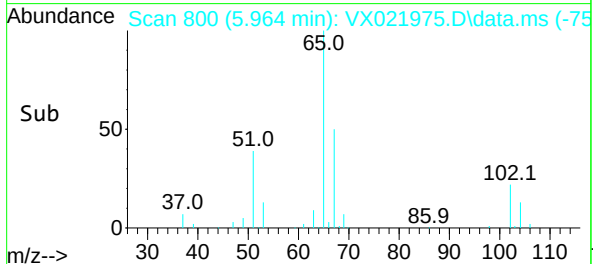
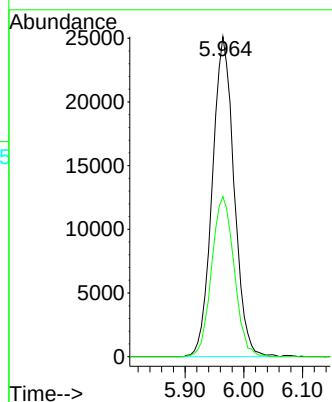
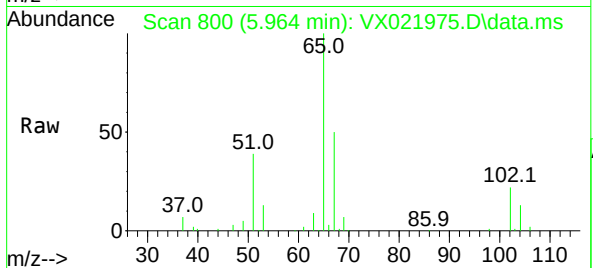


#33

1,2-Dichloroethane-d4
Concen: 48.88 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

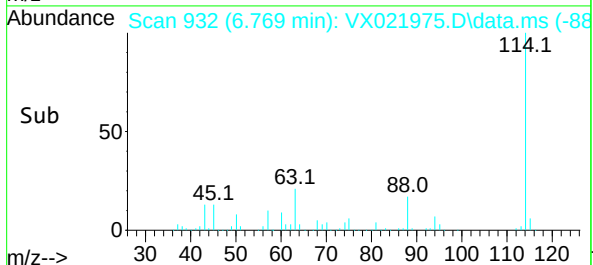
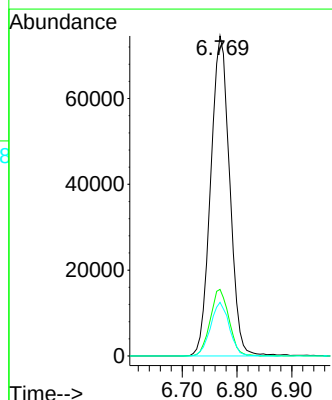
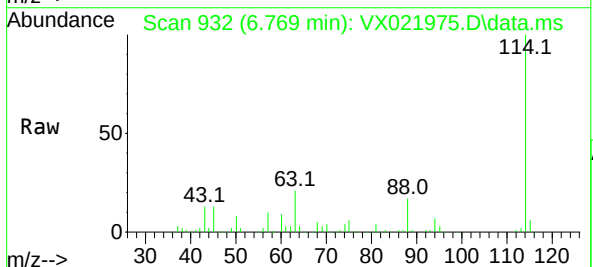
Tgt Ion: 65 Resp: 64696
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

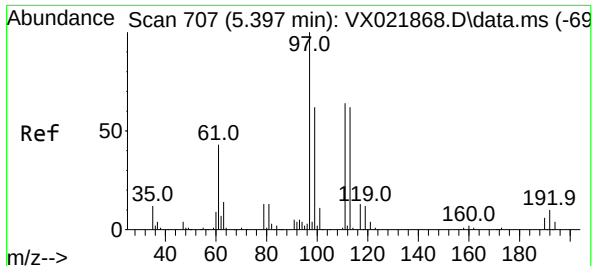


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 114 Resp: 178929
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 32.8

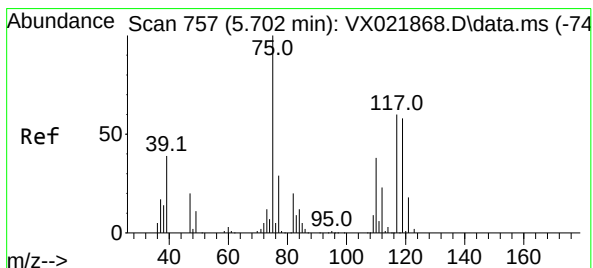
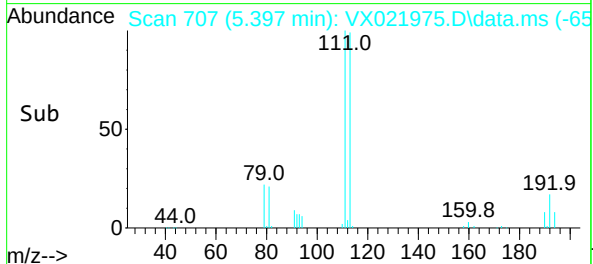
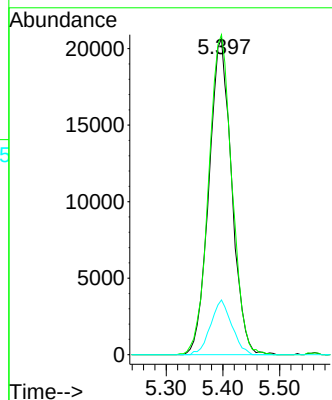
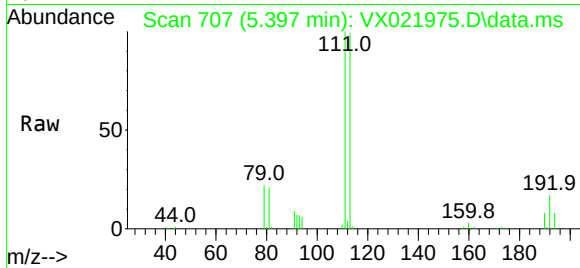




#35
Dibromofluoromethane
Concen: 46.86 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

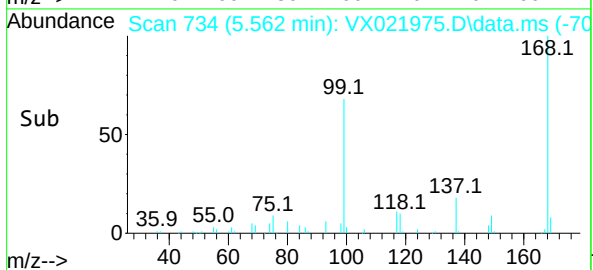
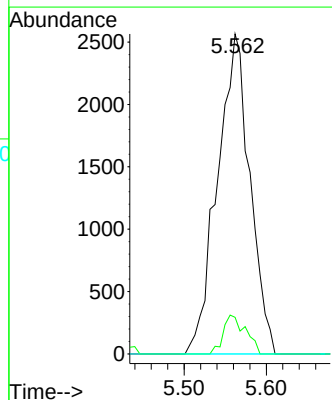
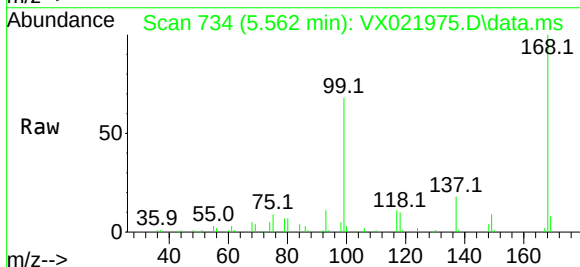
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

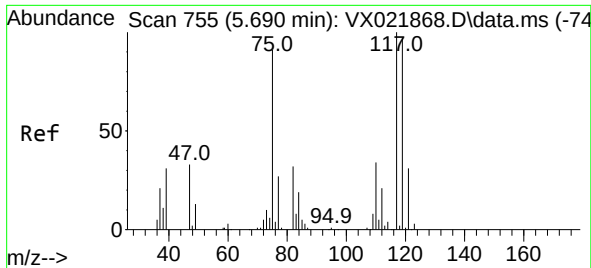
Tgt Ion:113 Resp: 57460
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 16.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 3.71 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

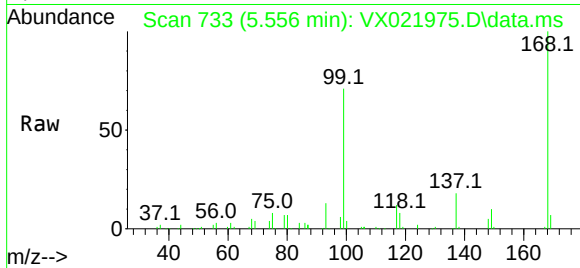
Tgt Ion: 75 Resp: 7037
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



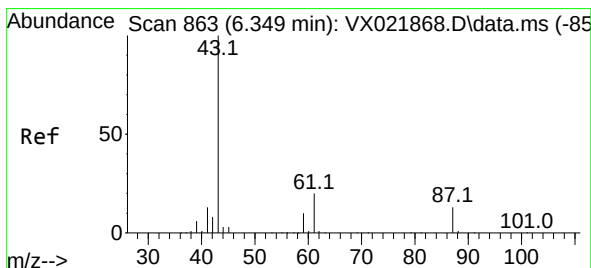
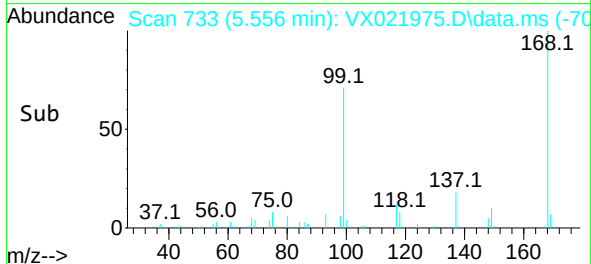
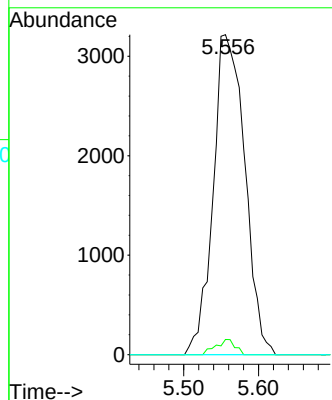


#38
Carbon Tetrachloride
Concen: 4.99 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

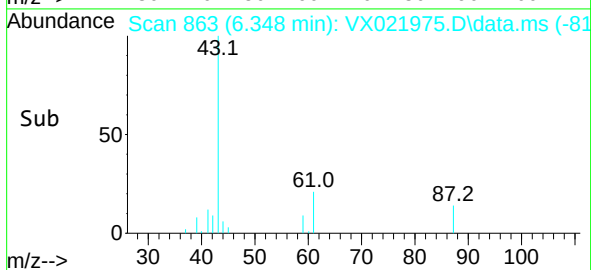
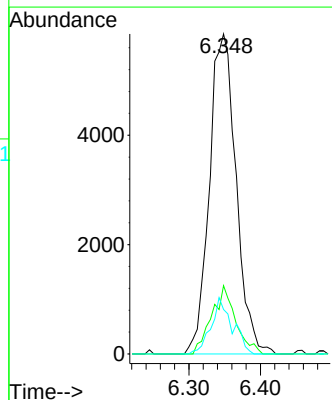
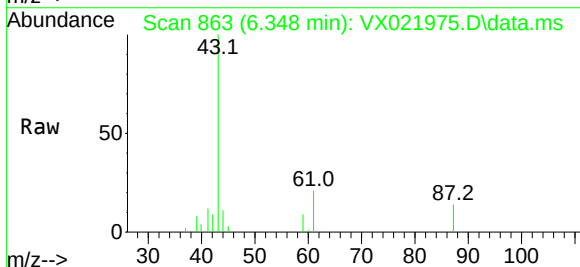


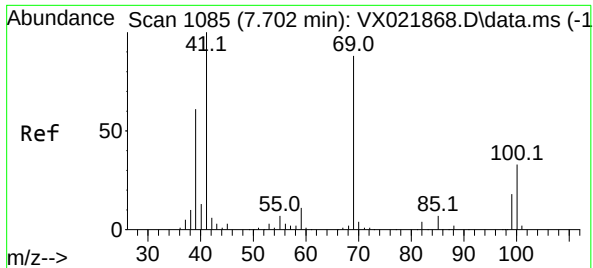
Tgt Ion:117 Resp: 9468
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.91 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 43 Resp: 15167
Ion Ratio Lower Upper
43 100
61 19.1 18.2 27.4
87 14.0 12.5 18.7

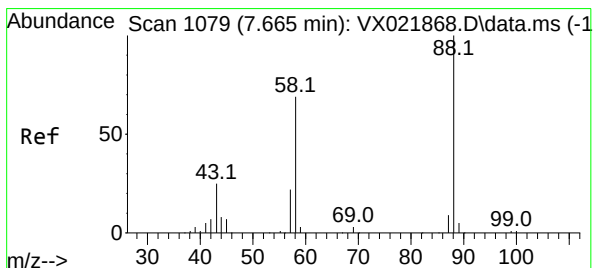
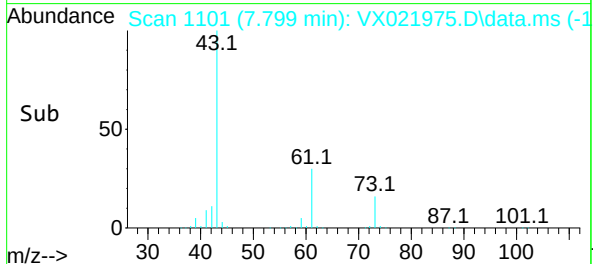
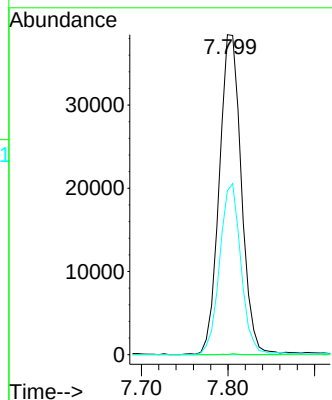
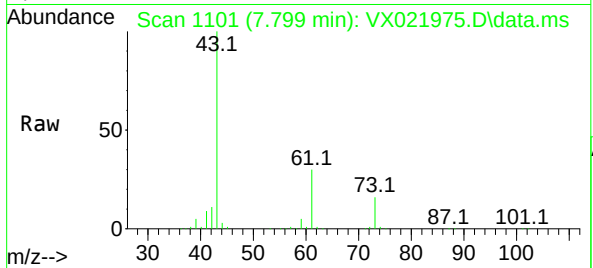




#48
Methyl methacrylate
Concen: 38.23 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.097 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

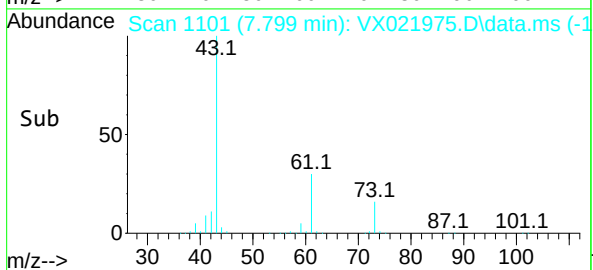
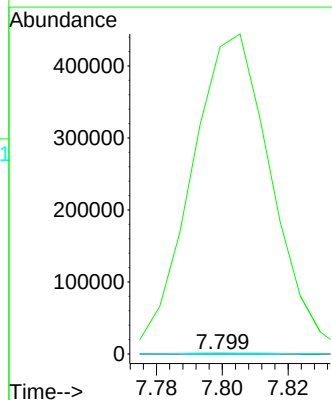
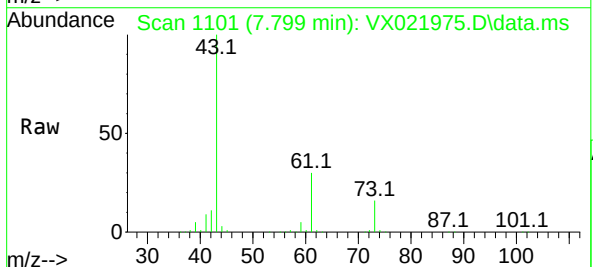
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

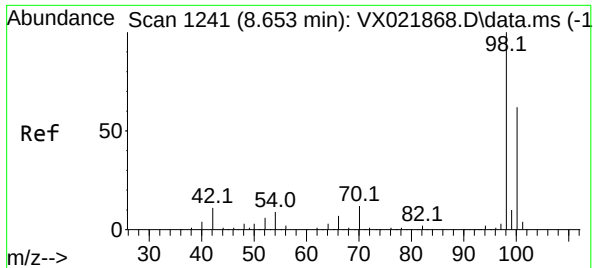
Tgt Ion: 41 Resp: 68172
Ion Ratio Lower Upper
41 100
69 0.1 76.0 114.0#
39 51.9 44.6 67.0



#49
1,4-Dioxane
Concen: 1.73 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 1183321.5 23.2 34.8#
58 4390.8 55.0 82.4#

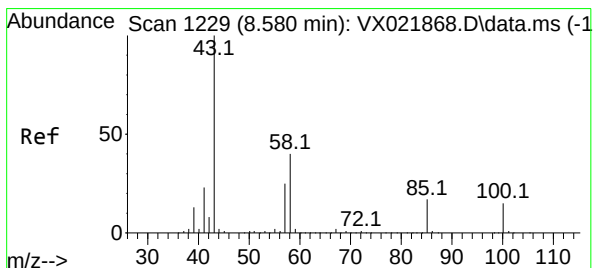
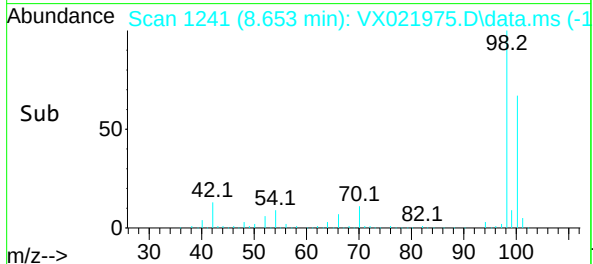
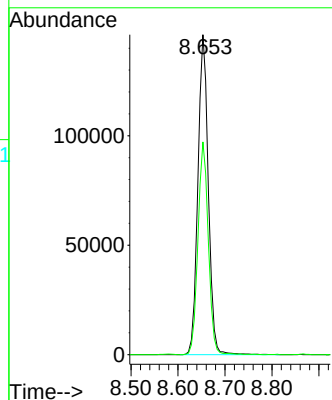
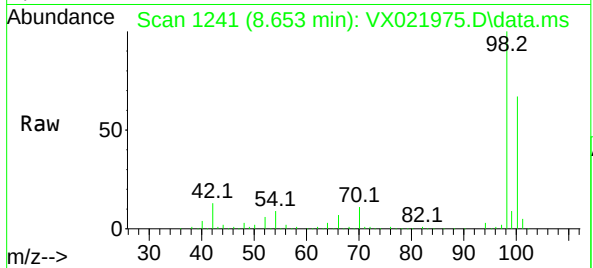




#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

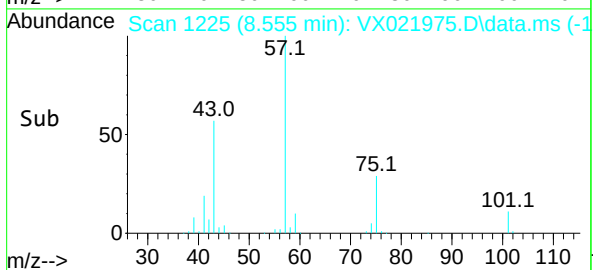
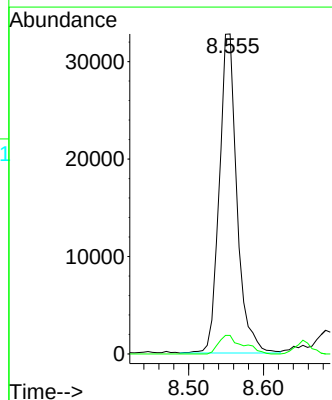
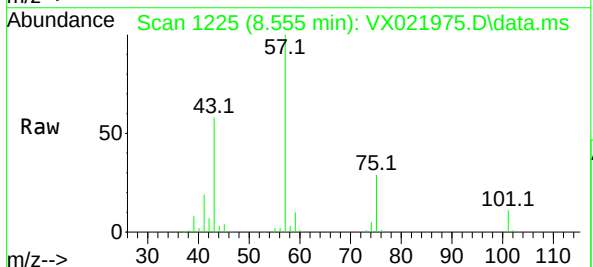
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

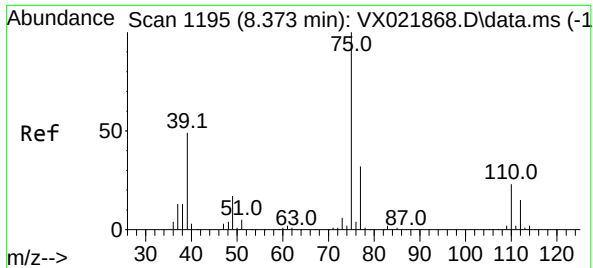
Tgt Ion: 98 Resp: 226258
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 22.31 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 43 Resp: 53842
Ion Ratio Lower Upper
43 100
58 7.9 35.4 53.0#

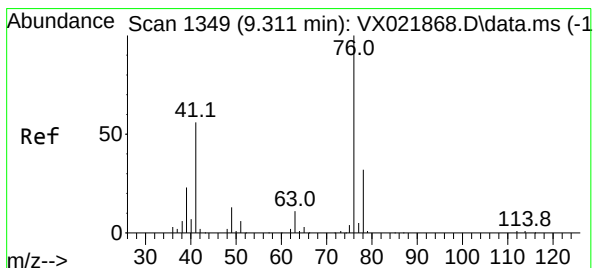
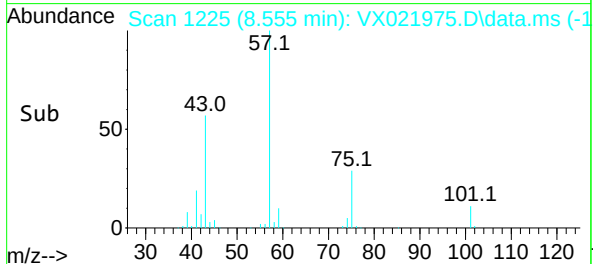
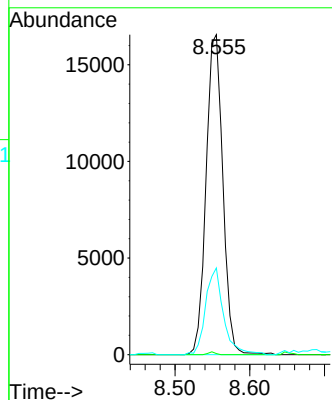
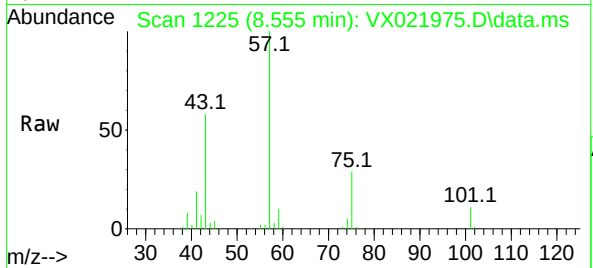




#54
cis-1,3-Dichloropropene
Concen: 10.35 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

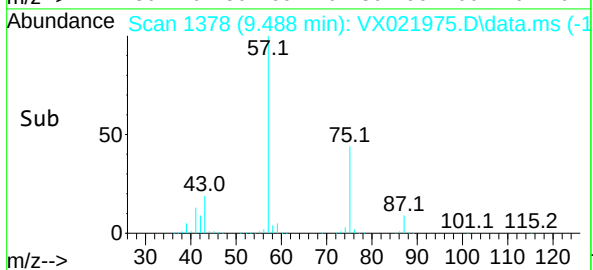
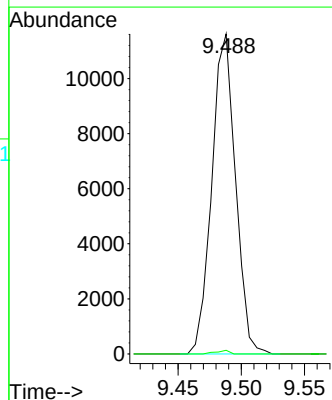
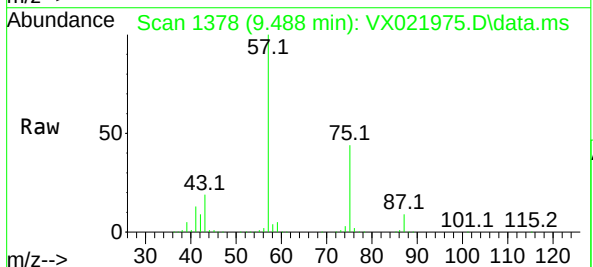
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

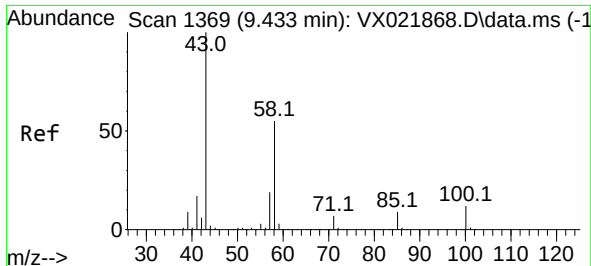
Tgt Ion: 75 Resp: 25789
Ion Ratio Lower Upper
75 100
77 0.3 25.7 38.5#
39 27.1 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 6.07 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 76 Resp: 15137
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#





#59

2-Hexanone

Concen: 101.37 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX021975.D

Acq: 13 May 2021 18:13

Tgt Ion: 43 Resp: 188456

Ion Ratio Lower Upper

43 100

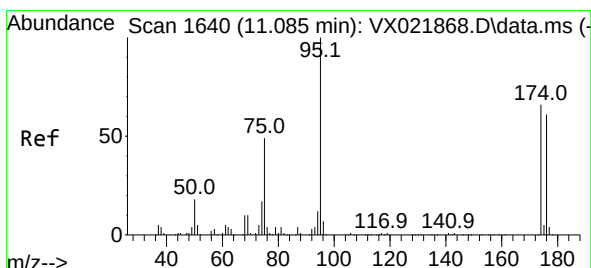
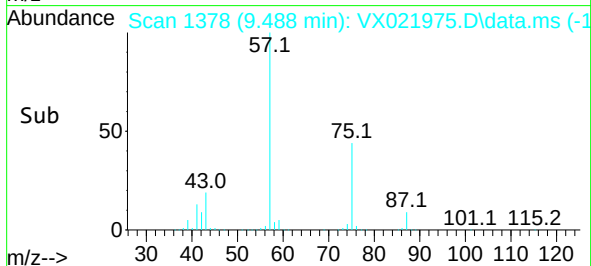
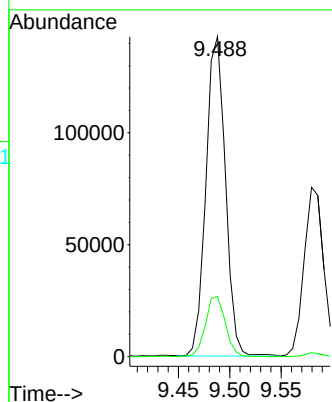
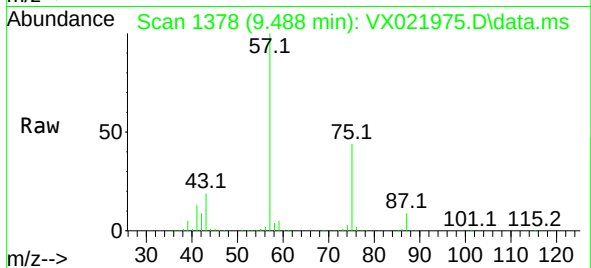
58 19.3 30.9 92.8#

Instrument :

MSVOA_X

ClientSampleId :

PB136362ZHE#01



#62

4-Bromofluorobenzene

Concen: 53.22 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX021975.D

Acq: 13 May 2021 18:13

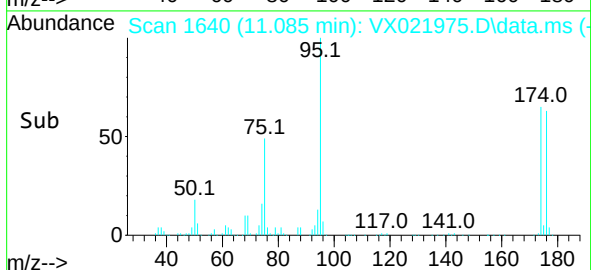
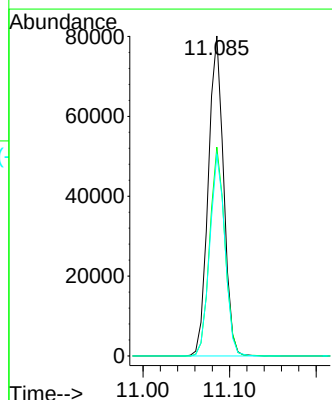
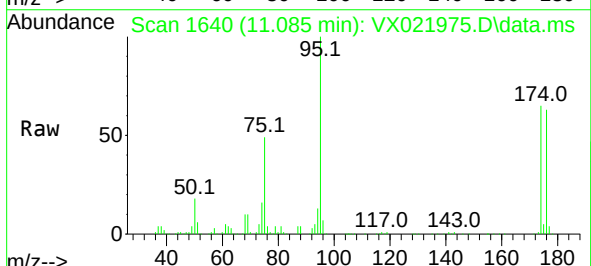
Tgt Ion: 95 Resp: 98274

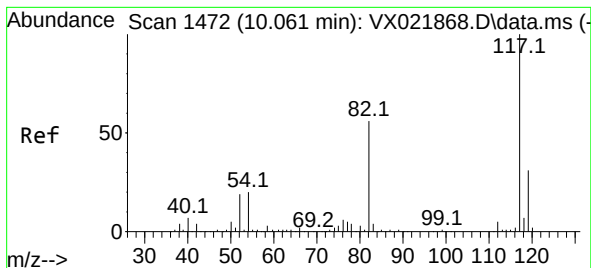
Ion Ratio Lower Upper

95 100

174 64.5 0.0 154.6

176 62.4 0.0 155.8

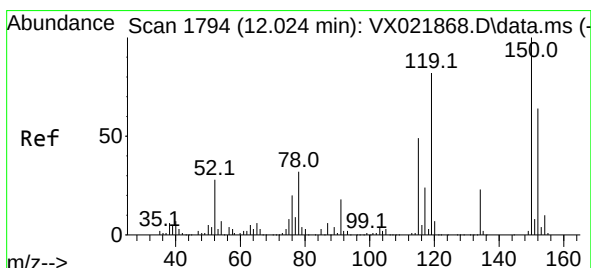
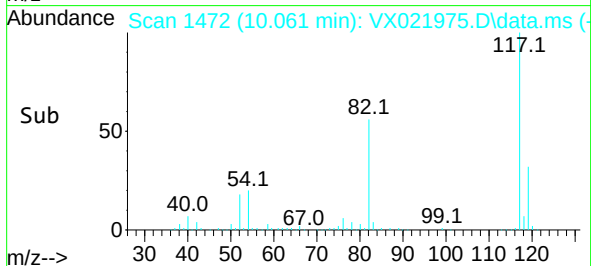
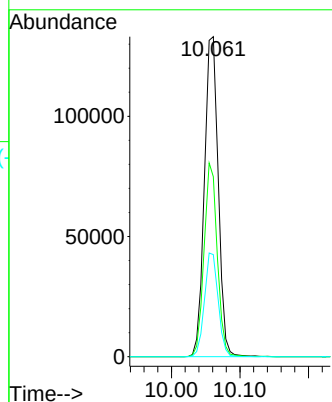
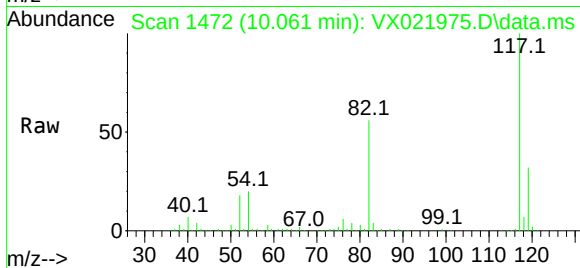




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

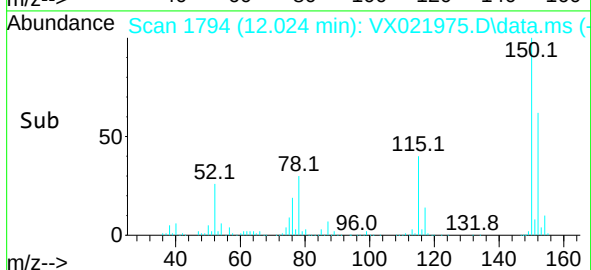
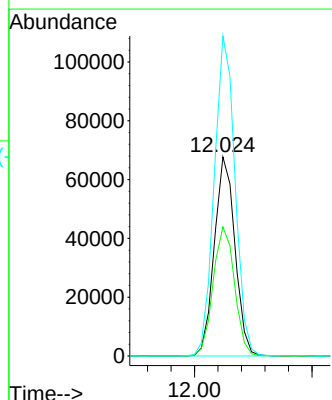
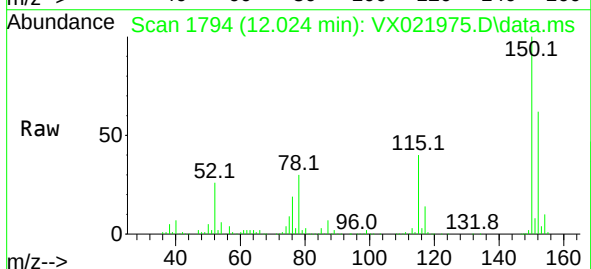
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

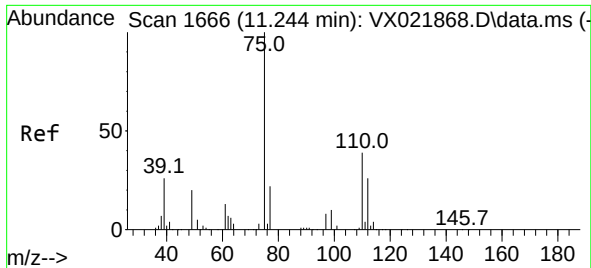
Tgt Ion:117 Resp: 187823
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion:152 Resp: 82654
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 161.8 0.0 349.0

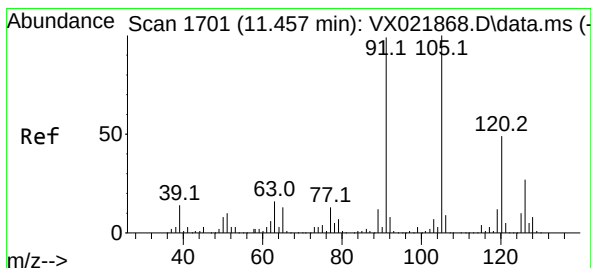
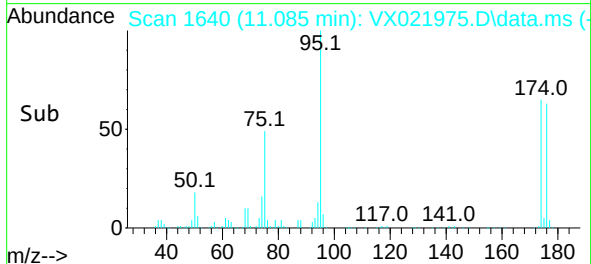
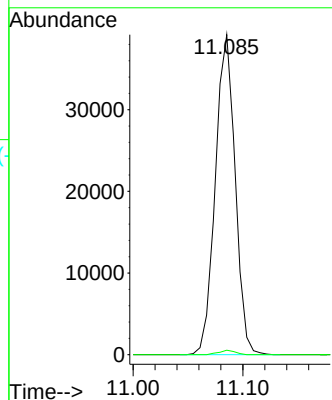
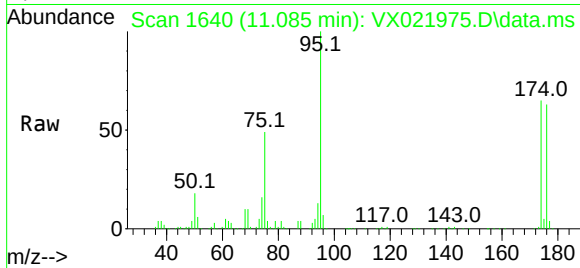




#76
1,2,3-Trichloropropane
Concen: 20.97 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

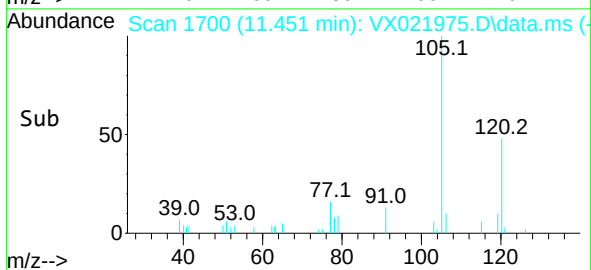
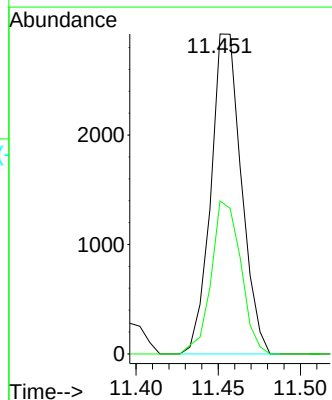
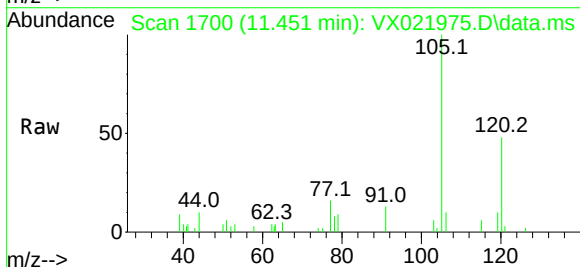
Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

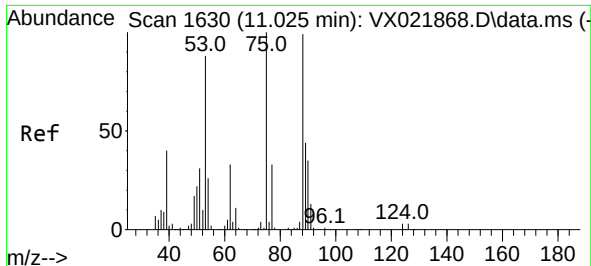
Tgt Ion: 75 Resp: 49267
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.59 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 105 Resp: 3774
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.5

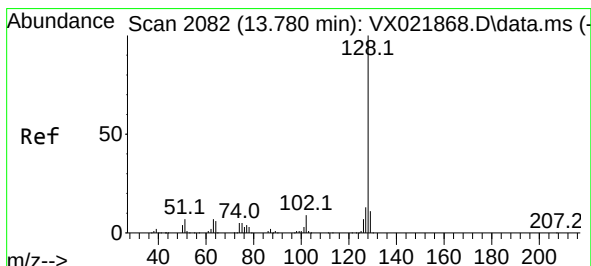
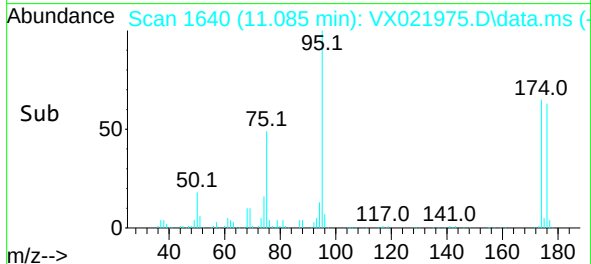
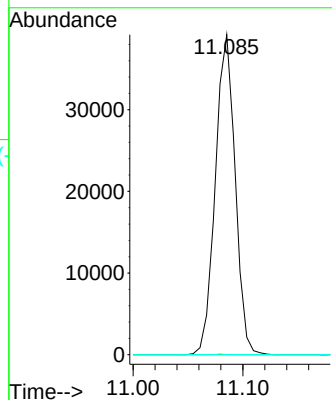
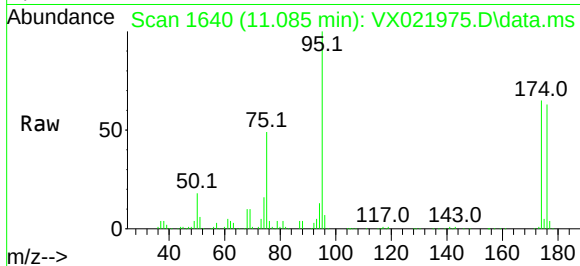




#81
trans-1,4-Dichloro-2-butene
Concen: 48.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB136362ZHE#01

Tgt Ion: 75 Resp: 49267
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.06 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX021975.D
Acq: 13 May 2021 18:13

Tgt Ion: 128 Resp: 7861
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 9.5 8.8 13.2

