

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031084.D
 Acq On : 03 Sep 2022 15:53
 Operator : JC/MD
 Sample : N4357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20220822

Quant Time: Sep 06 00:13:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

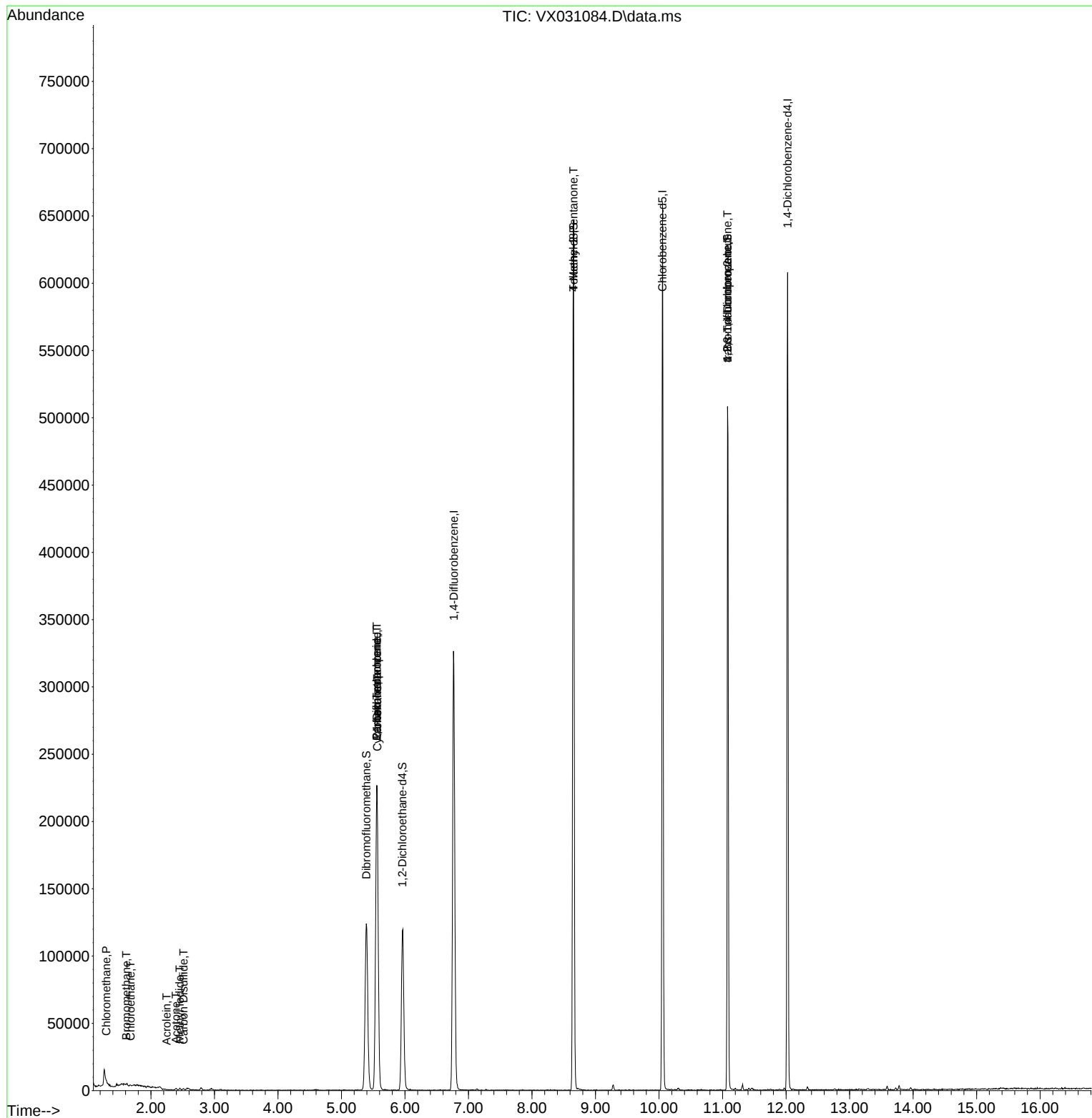
Internal Standards						
1) Pentafluorobenzene	5.556	168	229154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	364265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119712	40.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.200%		
35) Dibromofluoromethane	5.391	113	113190	42.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.160%		
50) Toluene-d8	8.653	98	406963	41.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.200%#		
62) 4-Bromofluorobenzene	11.079	95	136007	39.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	78.720%#		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	756	1.031	ug/l #	81
5) Bromomethane	1.611	94	485	0.440	ug/l #	78
6) Chloroethane	1.679	64	477	1.994	ug/l #	48
10) Methyl Iodide	2.453	142	1237	3.345	ug/l	99
11) Tert butyl alcohol	2.940	59	947	Below Cal	#	74
13) Acrolein	2.245	56	128	0.237	ug/l #	14
16) Acetone	2.392	43	1261	1.108	ug/l	98
17) Carbon Disulfide	2.514	76	1388	0.201	ug/l #	94
20) Methylene Chloride	2.788	84	994	Below Cal	#	64
31) Cyclohexane	5.562	56	3752	0.932	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14555	3.909	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21552	5.576	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1420	0.437	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	61257	17.886	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61257	56.213	ug/l #	12

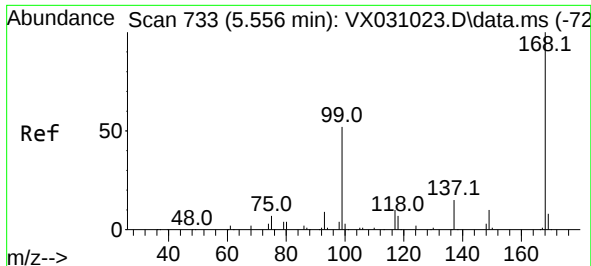
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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TB04-20220822

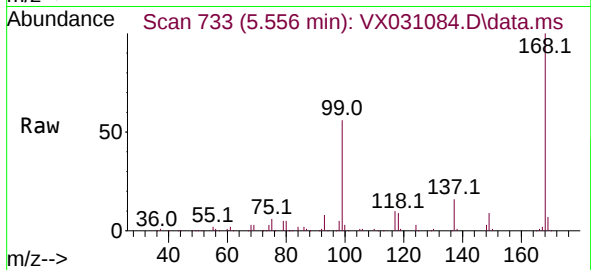
Quant Time: Sep 06 00:13:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration



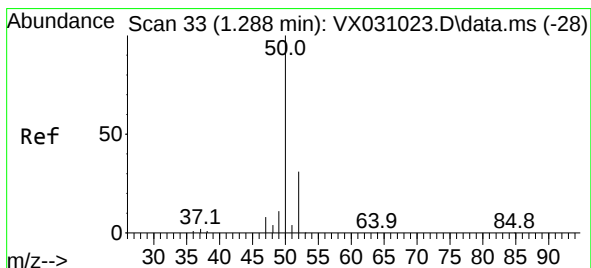
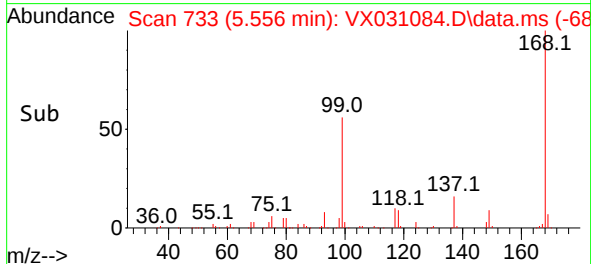
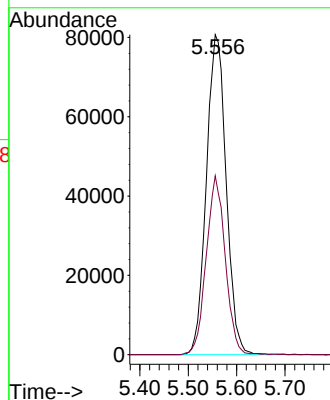


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
TB04-20220822

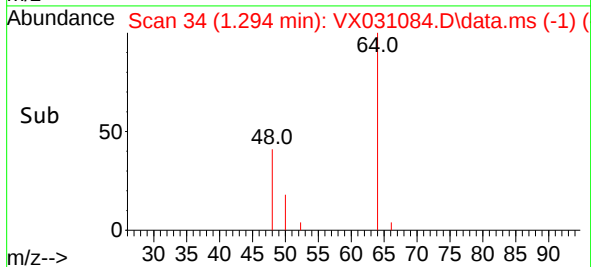
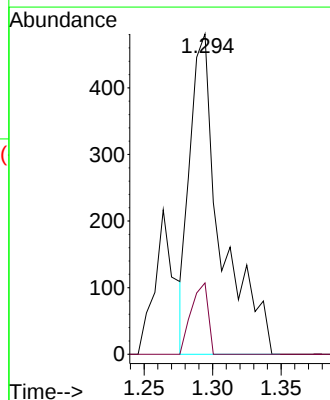
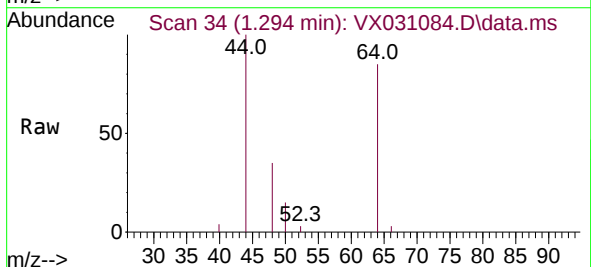


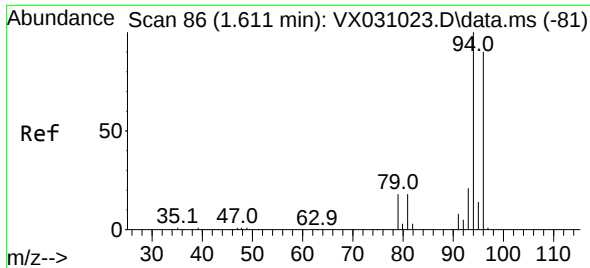
Tgt Ion:168 Resp: 229154
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#3
Chloromethane
Concen: 1.031 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 22.2 26.3 39.5#

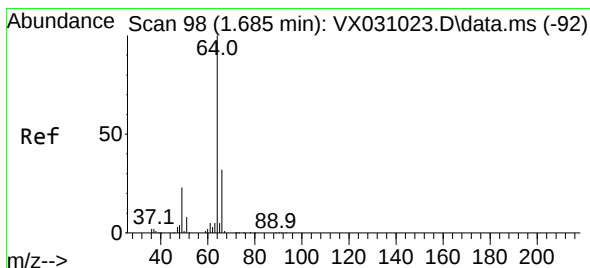
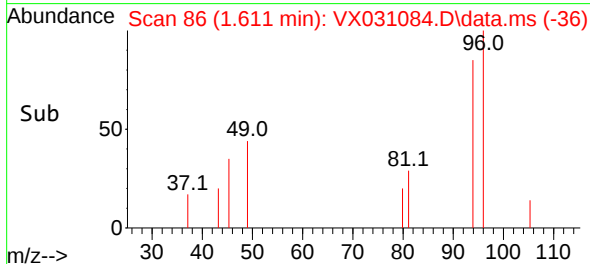
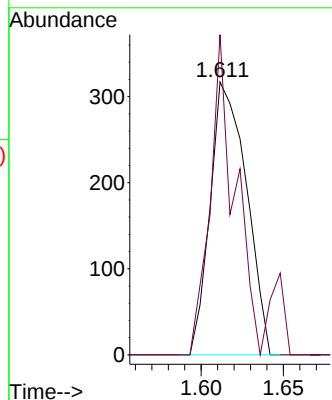
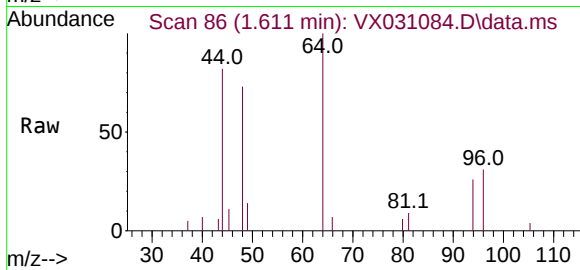




#5
Bromomethane
Concen: 0.440 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

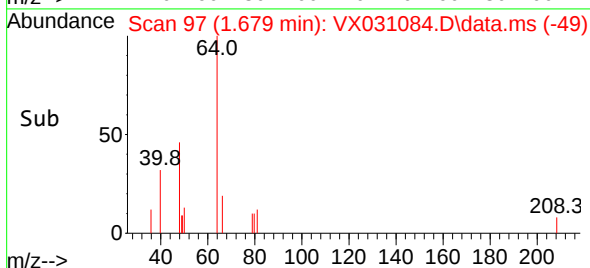
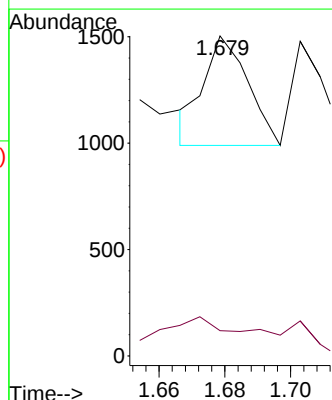
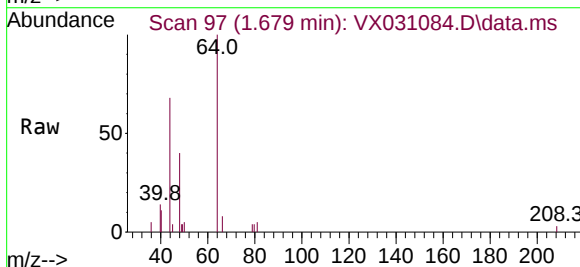
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220822

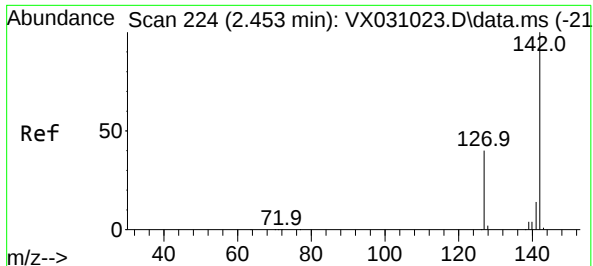
Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 117.4 76.9 115.3#



#6
Chloroethane
Concen: 1.994 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

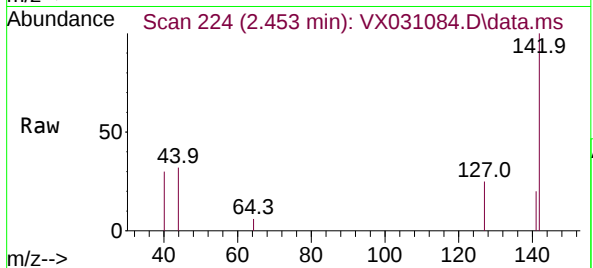
Tgt Ion: 64 Resp: 477
Ion Ratio Lower Upper
64 100
66 4.1 27.2 40.8#



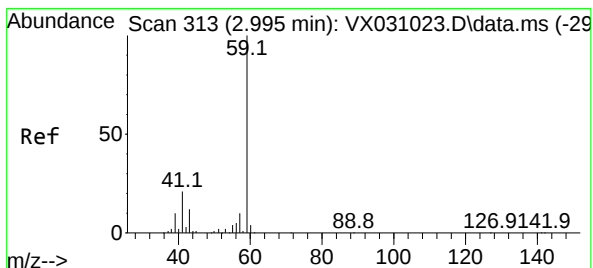
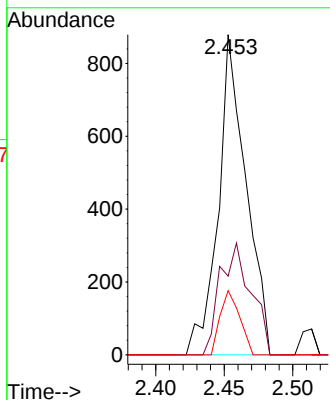
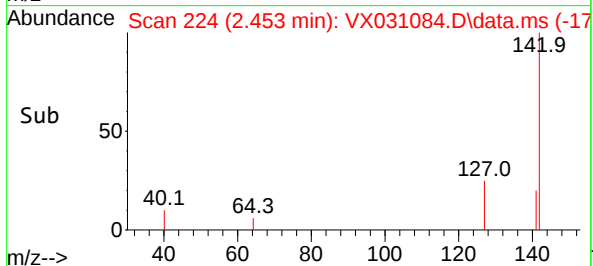


#10
Methyl Iodide
Concen: 3.345 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
TB04-20220822

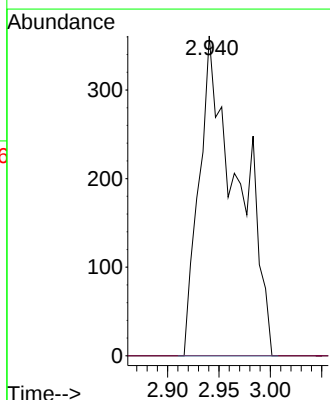
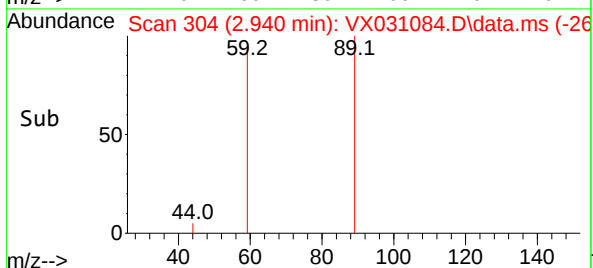
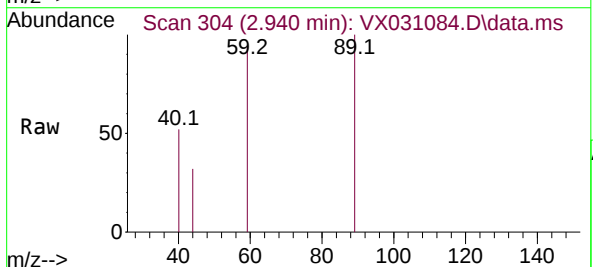


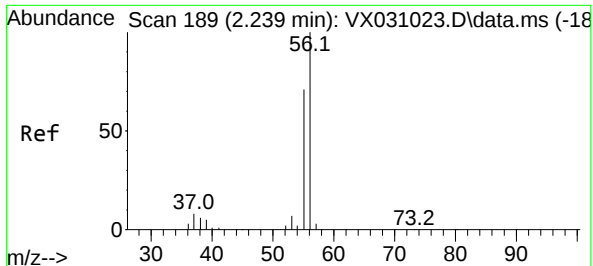
Tgt Ion:142 Resp: 1237
Ion Ratio Lower Upper
142 100
127 38.8 30.2 45.2
141 14.1 11.3 16.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion: 59 Resp: 947
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

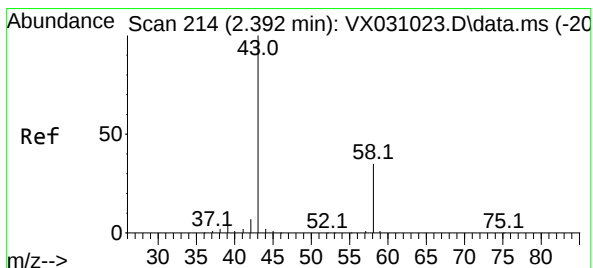
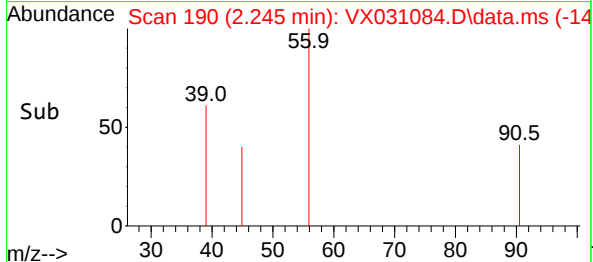
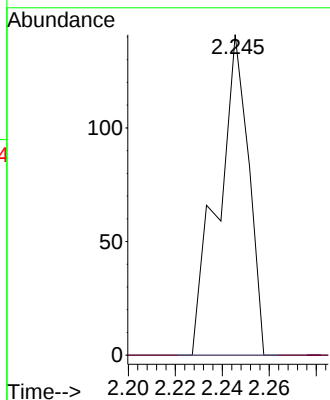
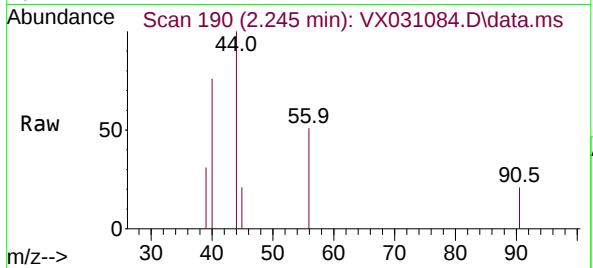




#13
Acrolein
Concen: 0.237 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

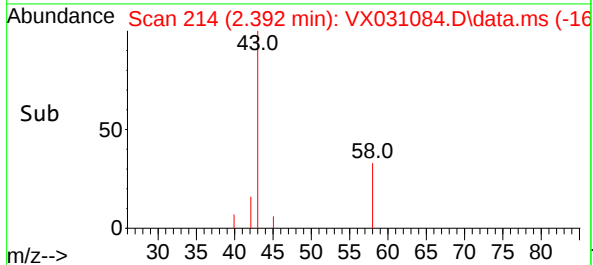
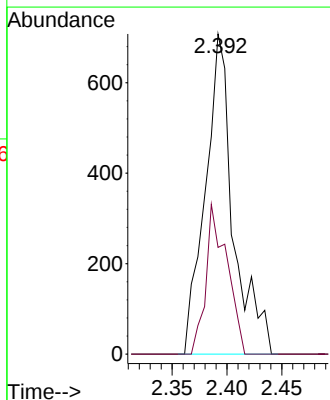
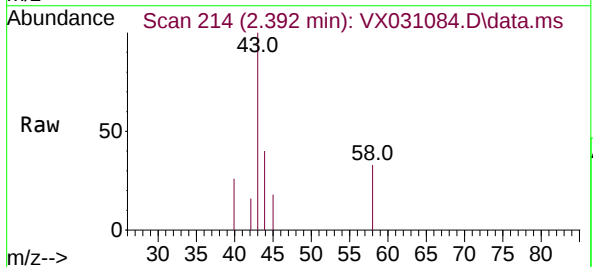
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220822

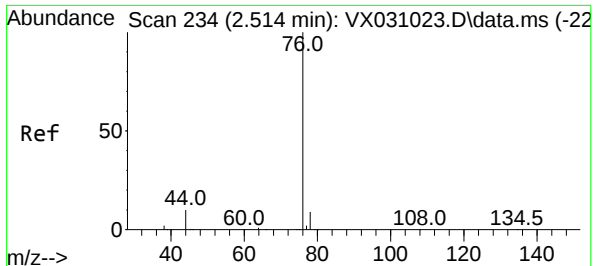
Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.108 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 33.3 27.7 41.5

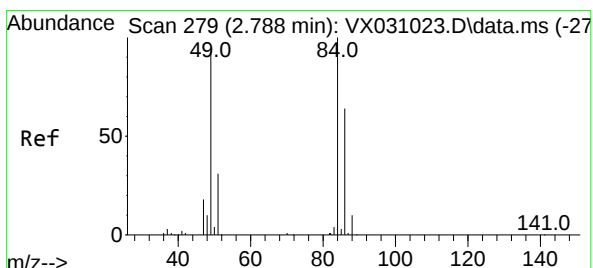
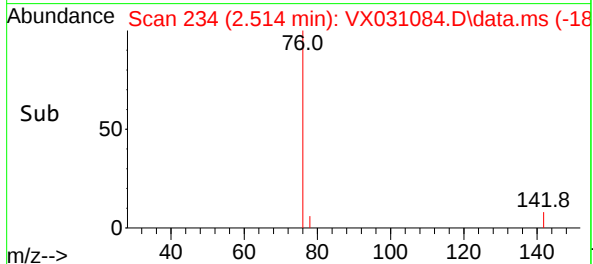
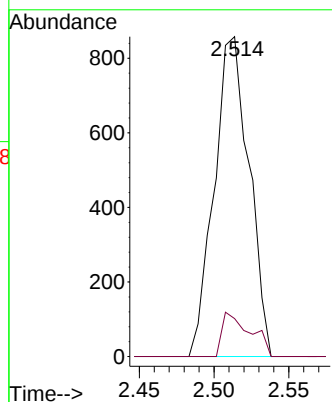
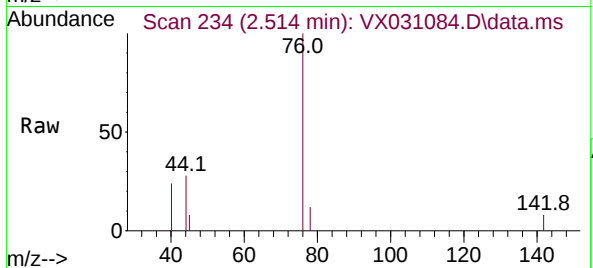




#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

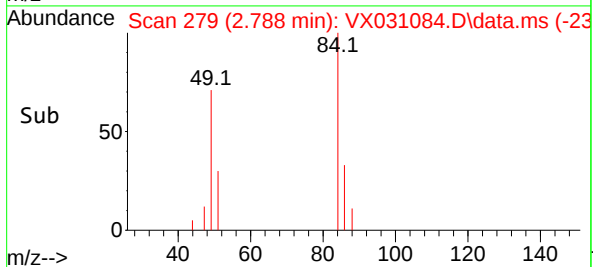
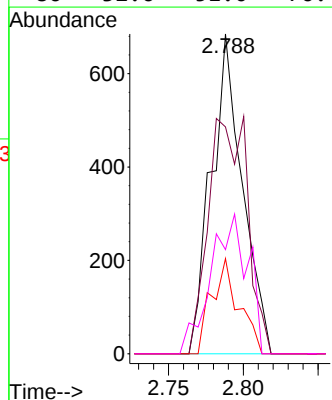
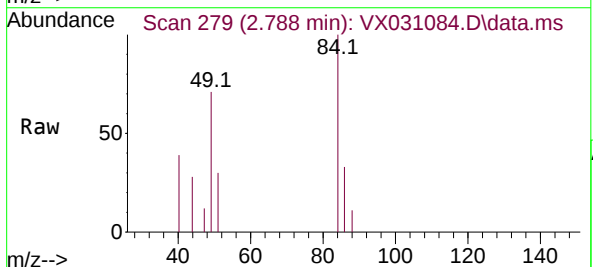
Instrument :
MSVOA_X
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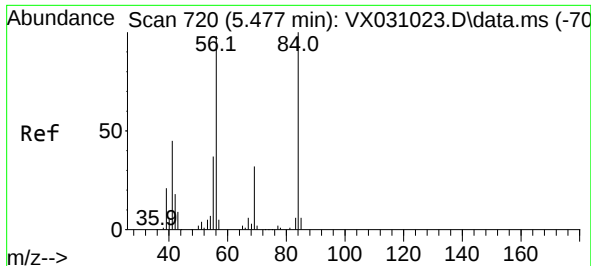
Tgt Ion: 76 Resp: 1388
Ion Ratio Lower Upper
76 100
78 11.9 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion: 84 Resp: 994
Ion Ratio Lower Upper
84 100
49 70.9 93.8 140.6#
51 29.8 29.4 44.0
86 32.6 51.0 76.4#

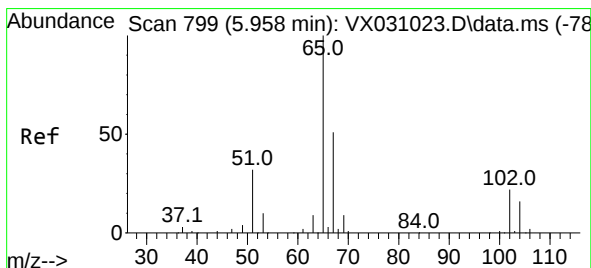
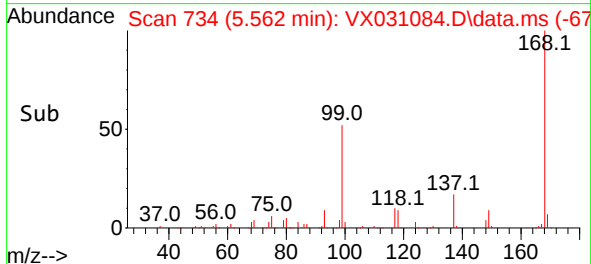
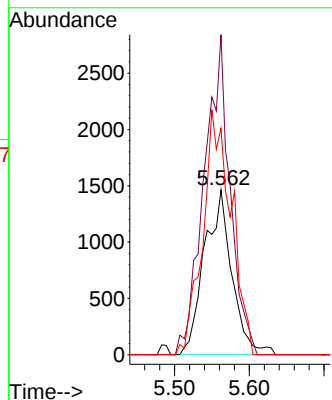
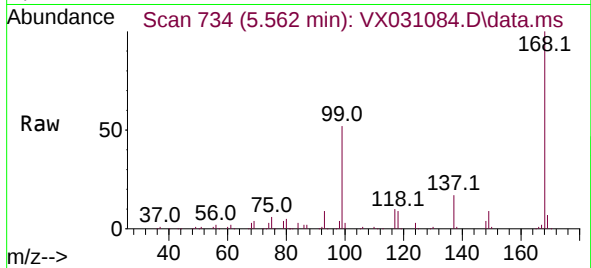




#31
Cyclohexane
Concen: 0.932 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

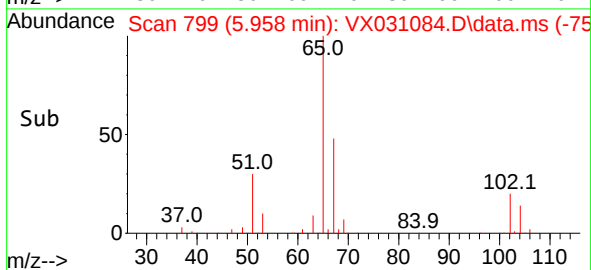
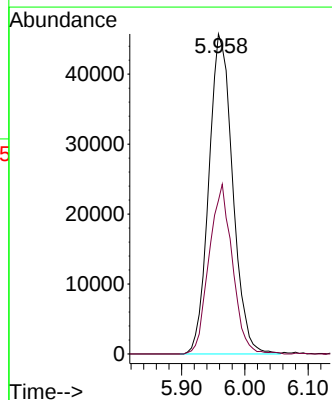
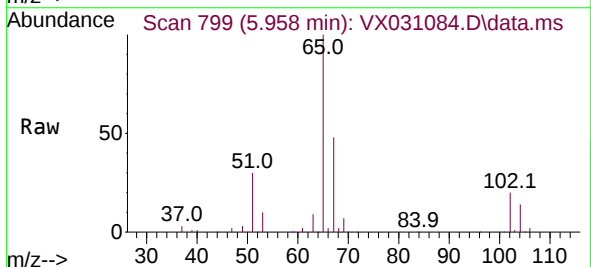
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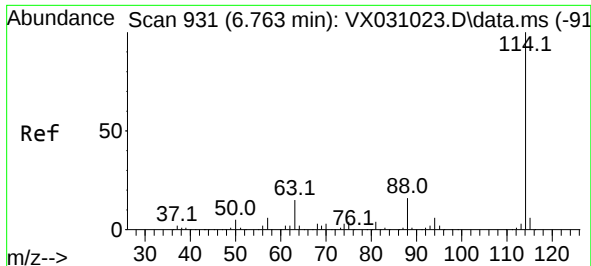
Tgt Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 194.3 25.4 38.0#
84 137.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 40.601 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion: 65 Resp: 119712
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

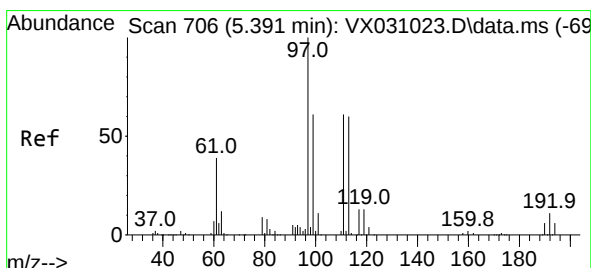
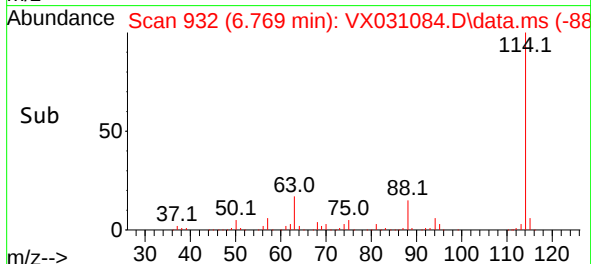
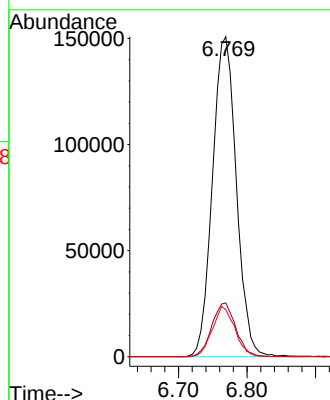
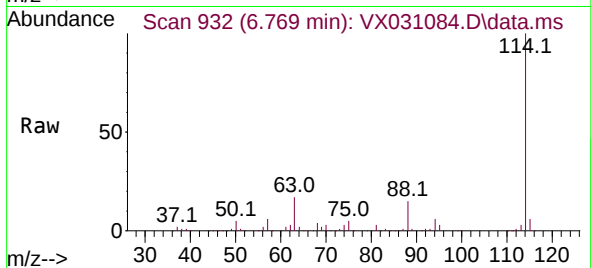




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

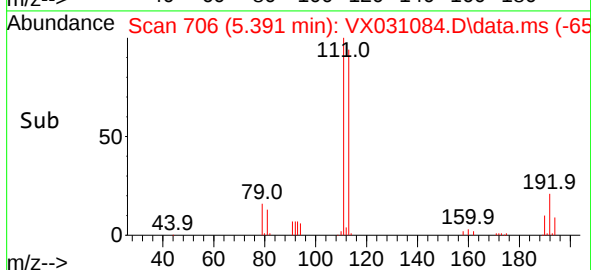
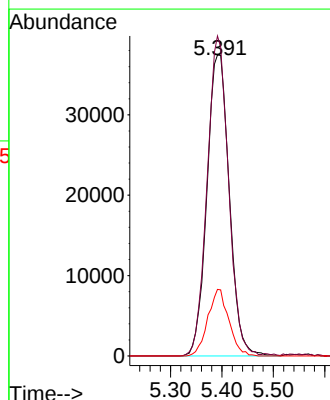
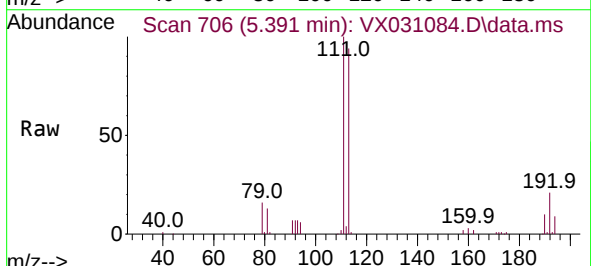
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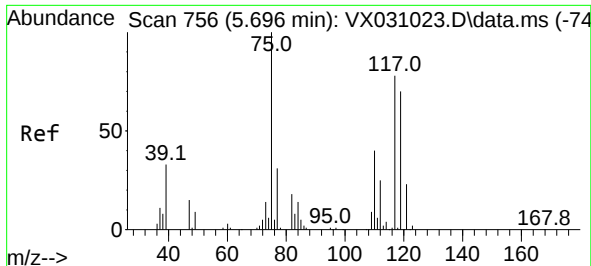
Tgt Ion:114 Resp: 364265
Ion Ratio Lower Upper
114 100
63 16.8 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.580 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion:113 Resp: 113190
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 20.7 14.8 22.2

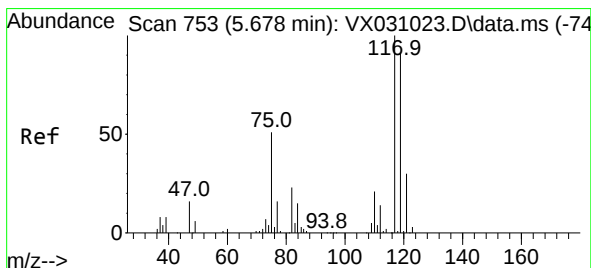
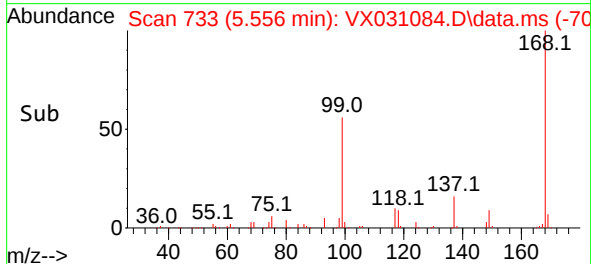
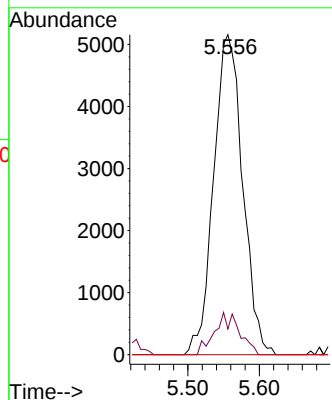
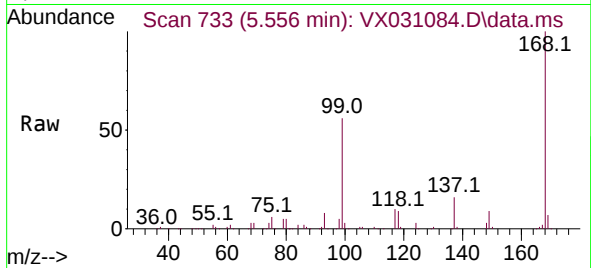




#36
1,1-Dichloropropene
Concen: 3.909 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

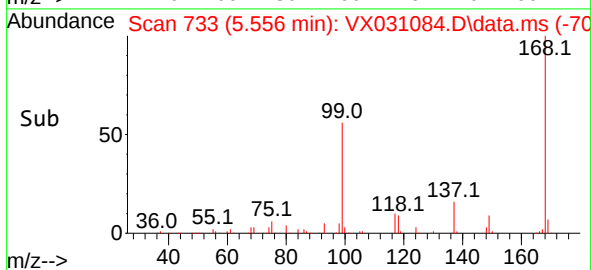
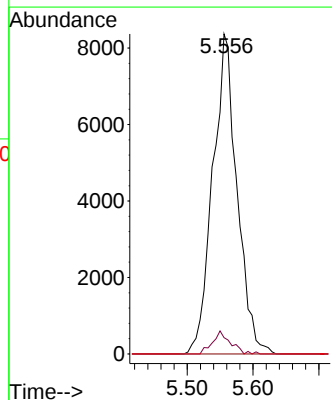
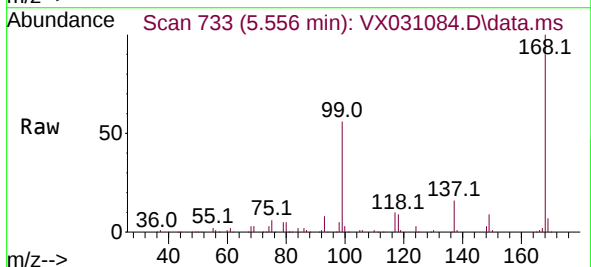
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220822

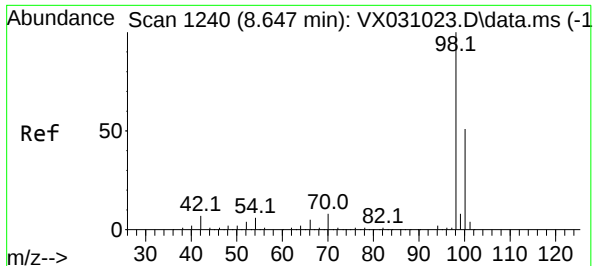
Tgt Ion: 75 Resp: 14555
Ion Ratio Lower Upper
75 100
110 11.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion: 117 Resp: 21552
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 41.597 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031084.D

Acq: 03 Sep 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

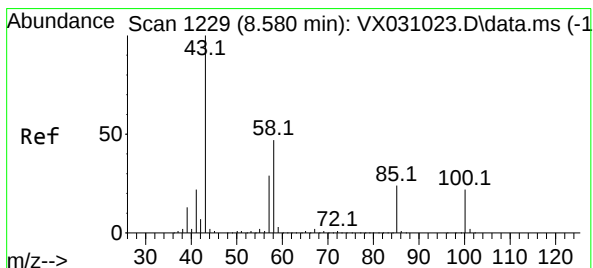
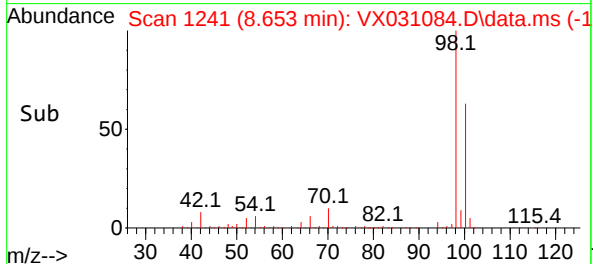
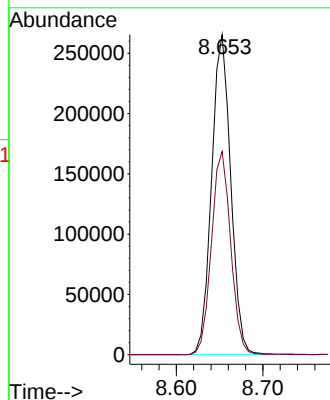
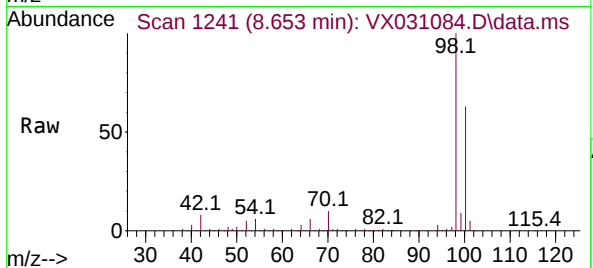
TB04-20220822

Tgt Ion: 98 Resp: 406963

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.437 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031084.D

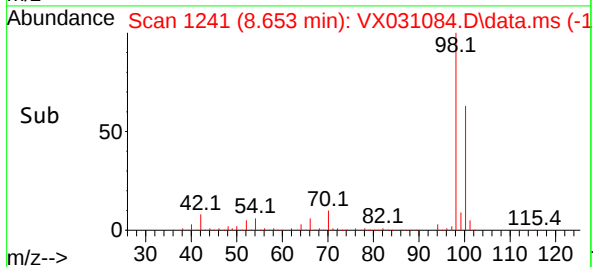
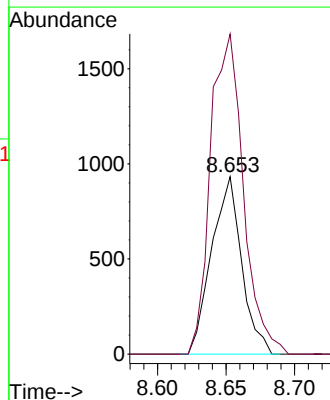
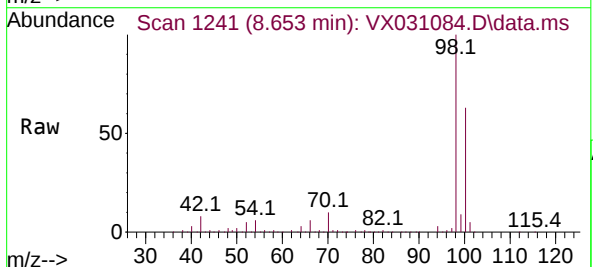
Acq: 03 Sep 2022 15:53

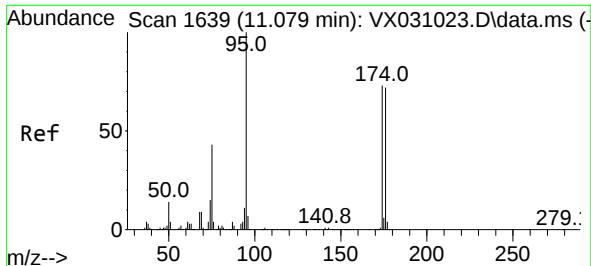
Tgt Ion: 43 Resp: 1420

Ion Ratio Lower Upper

43 100

58 197.2 31.4 47.2#

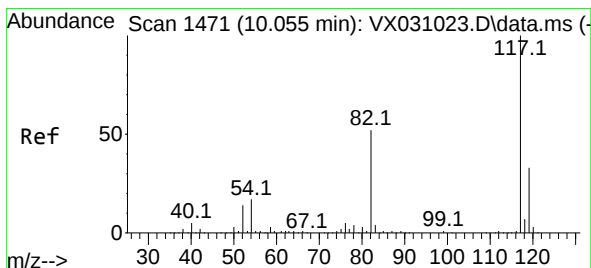
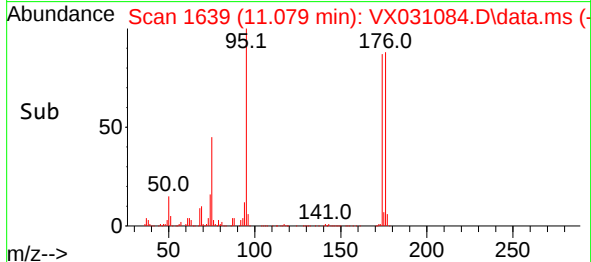
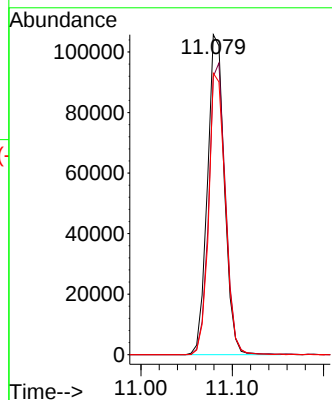
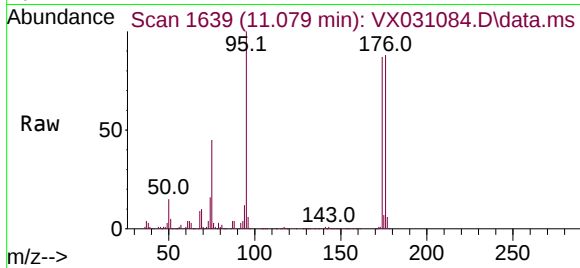




#62
4-Bromofluorobenzene
Concen: 39.360 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

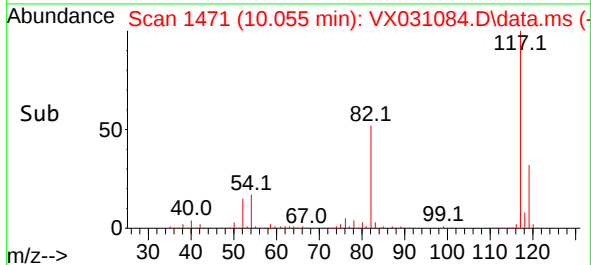
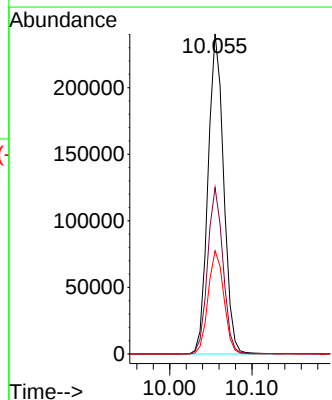
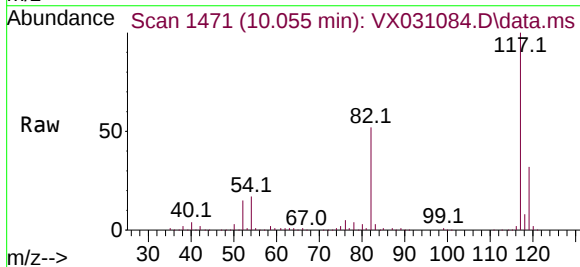
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220822

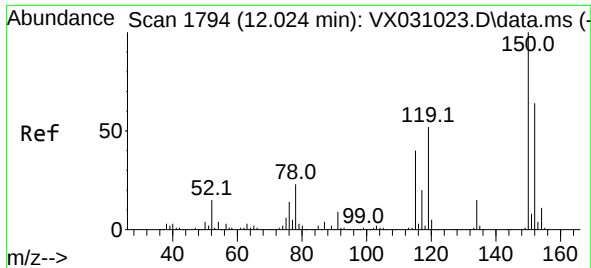
Tgt Ion: 95 Resp: 136007
Ion Ratio Lower Upper
95 100
174 89.8 0.0 149.0
176 86.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031084.D
Acq: 03 Sep 2022 15:53

Tgt Ion: 117 Resp: 317549
Ion Ratio Lower Upper
117 100
82 52.0 42.7 64.1
119 32.2 25.4 38.2

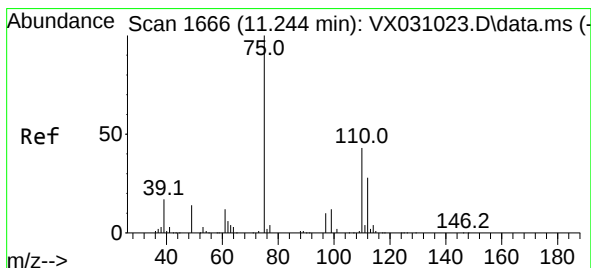
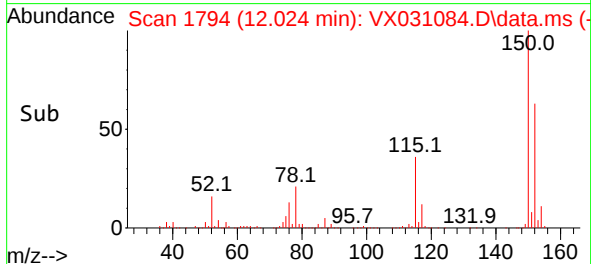
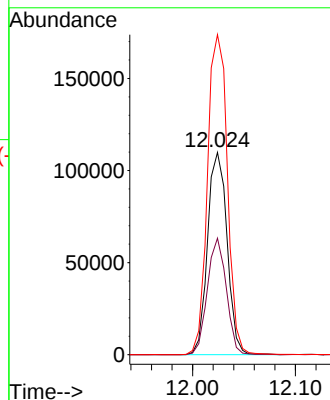
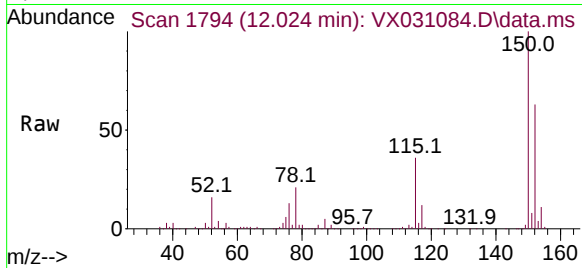




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031084.D
 Acq: 03 Sep 2022 15:53

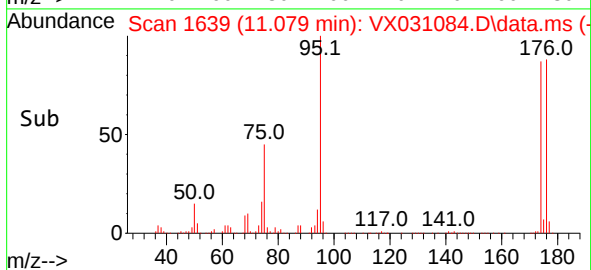
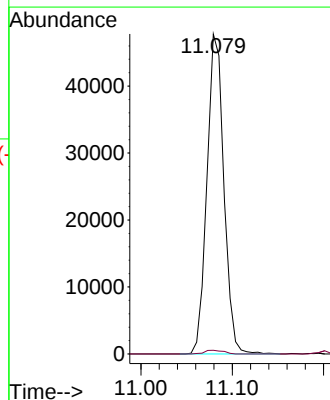
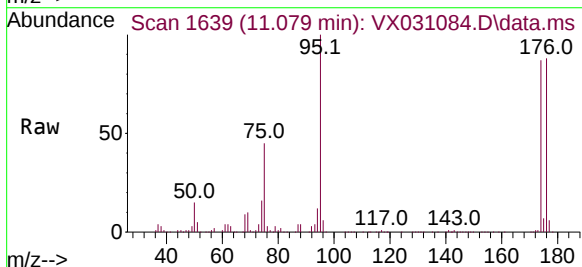
Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20220822

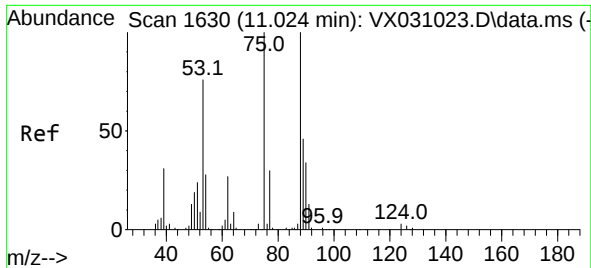
Tgt Ion:152 Resp: 144876
 Ion Ratio Lower Upper
 152 100
 115 56.0 40.5 121.5
 150 161.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 17.886 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031084.D
 Acq: 03 Sep 2022 15:53

Tgt Ion: 75 Resp: 61257
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.213 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.055 min
 Lab File: VX031084.D
 Acq: 03 Sep 2022 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20220822

Tgt Ion: 75 Resp: 61257
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

