

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040424\
 Data File : VX040879.D
 Acq On : 04 Apr 2024 11:26
 Operator : JC/MD
 Sample : P1984-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-02-71-040324

Quant Time: Apr 05 04:08:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

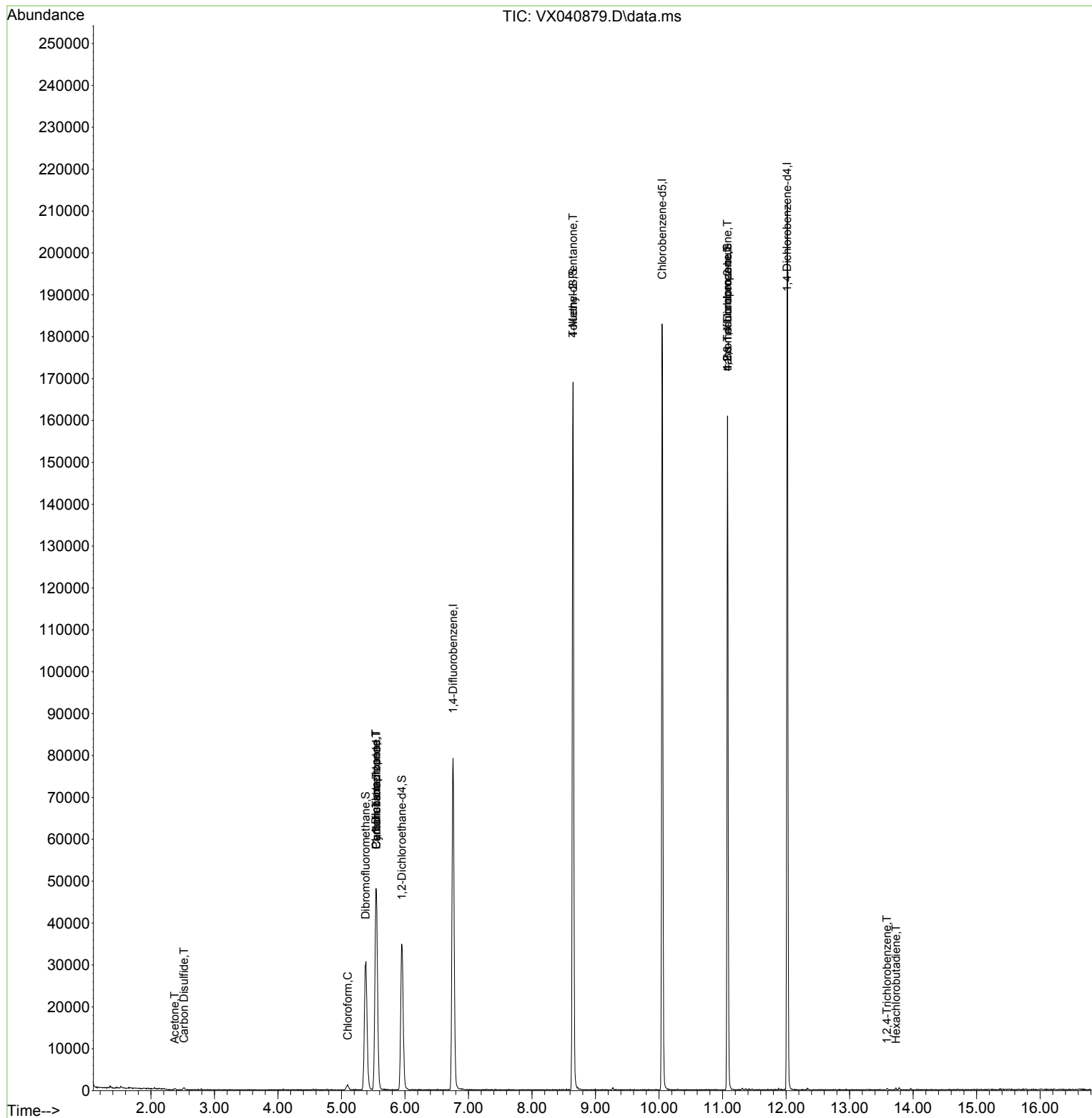
Internal Standards						
1) Pentafluorobenzene	5.550	168	42872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	75193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	76187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	39048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	37232	48.401	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.800%	
35) Dibromofluoromethane	5.379	113	26384	49.539	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.080%	
50) Toluene-d8	8.647	98	96201	49.987	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.980%	
62) 4-Bromofluorobenzene	11.079	95	39611	51.540	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	449	1.503	ug/l #	84
17) Carbon Disulfide	2.520	76	357	0.257	ug/l #	76
30) Chloroform	5.099	83	1494	1.437	ug/l #	79
31) Cyclohexane	5.550	56	1095	1.341	ug/l #	52
36) 1,1-Dichloropropene	5.544	75	4068	5.376	ug/l #	46
38) Carbon Tetrachloride	5.550	117	4677	5.583	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	541	0.568	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	24116	28.963	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	24116	78.142	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	200	0.228	ug/l #	66
94) Hexachlorobutadiene	13.731	225	131	0.389	ug/l #	55

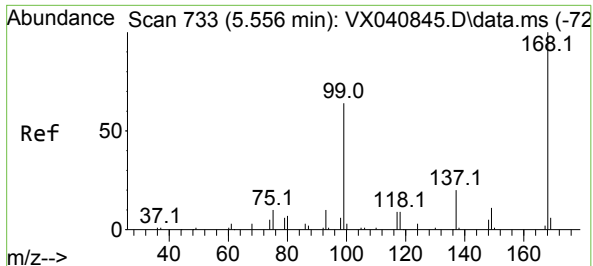
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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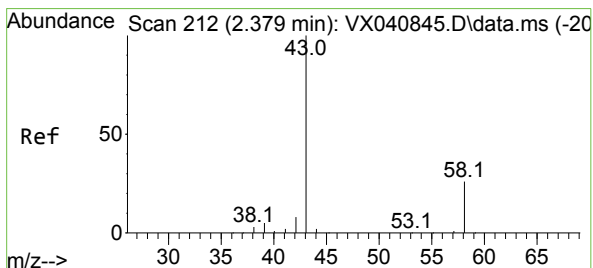
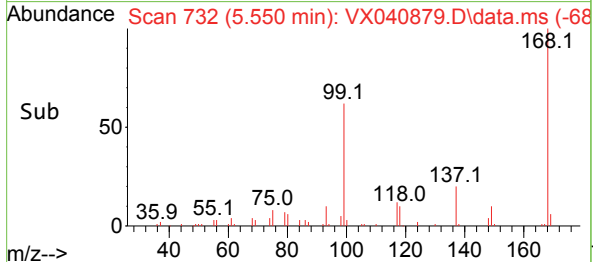
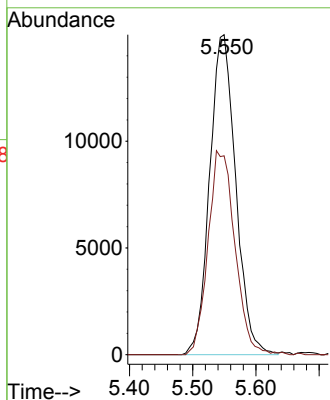
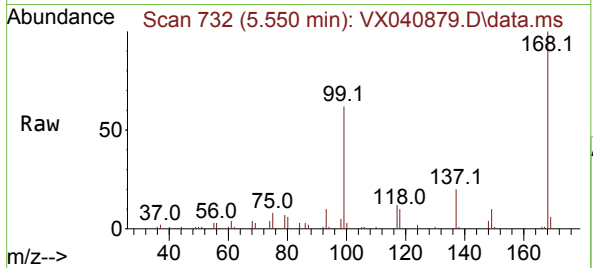




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

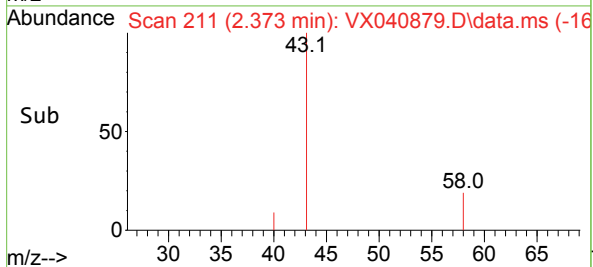
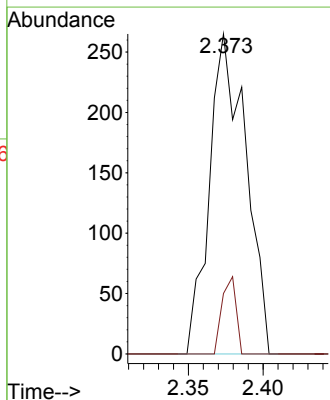
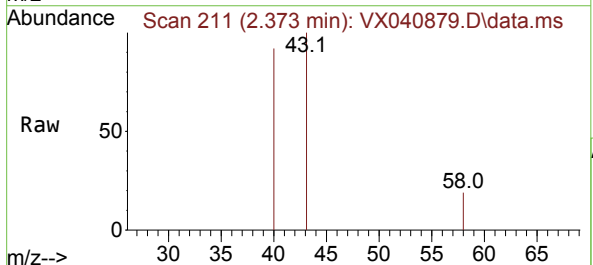
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-71-040324

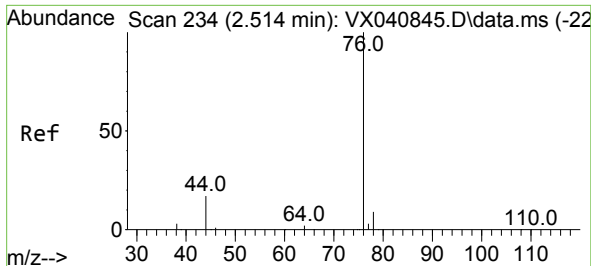
Tgt Ion:168 Resp: 42872
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#16
Acetone
Concen: 1.503 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 18.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.257 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040879.D

Acq: 04 Apr 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

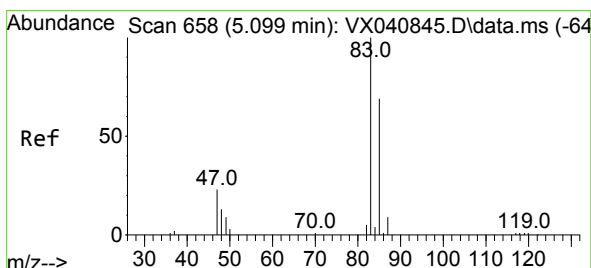
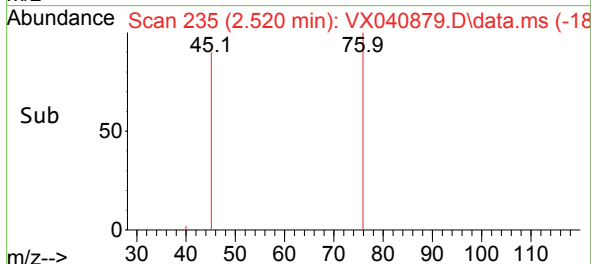
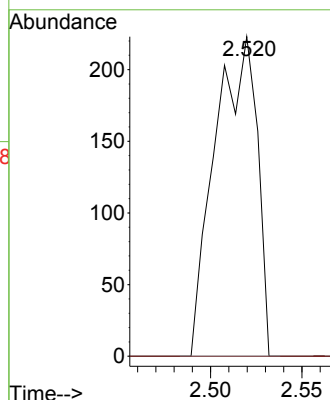
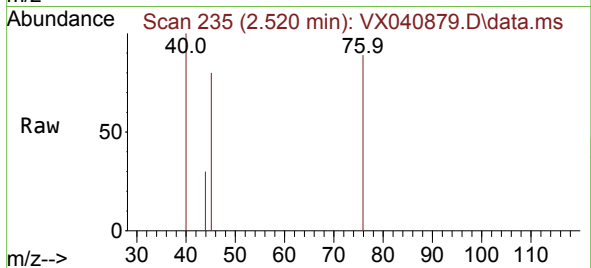
RSB-02-71-040324

Tgt Ion: 76 Resp: 357

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#30

Chloroform

Concen: 1.437 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX040879.D

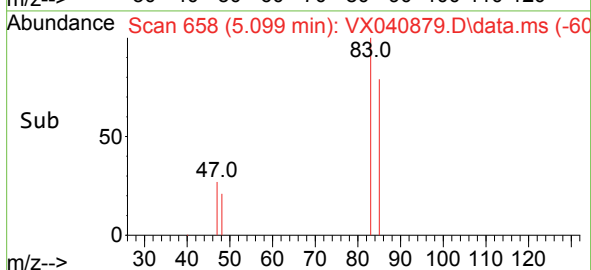
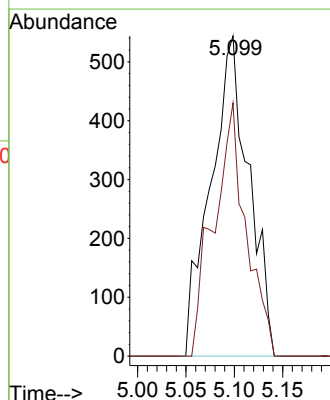
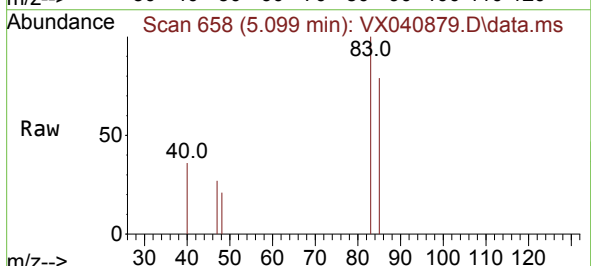
Acq: 04 Apr 2024 11:26

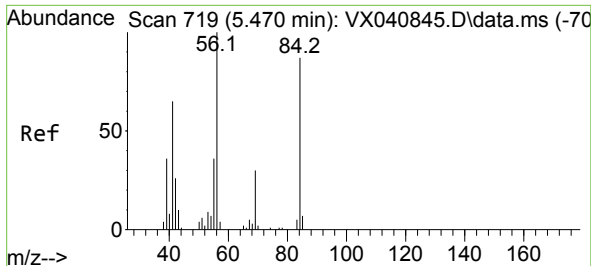
Tgt Ion: 83 Resp: 1494

Ion Ratio Lower Upper

83 100

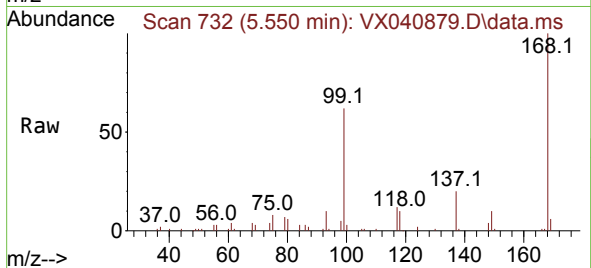
85 79.0 50.3 75.5#



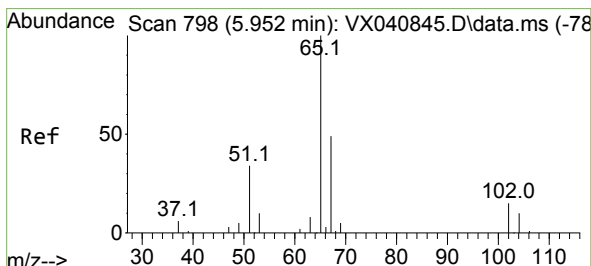
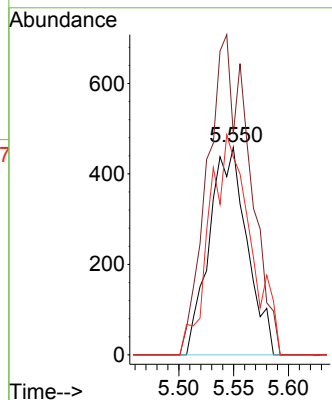
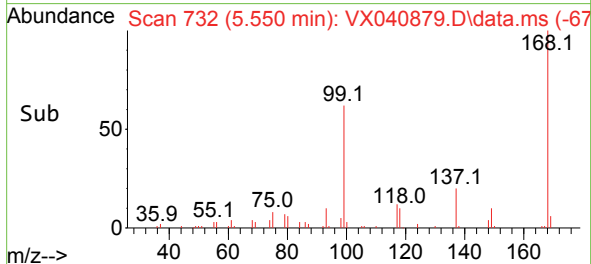


#31
Cyclohexane
Concen: 1.341 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
RSB-02-71-040324

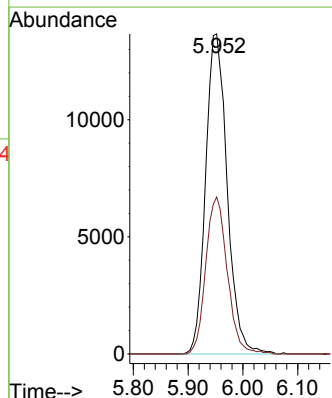
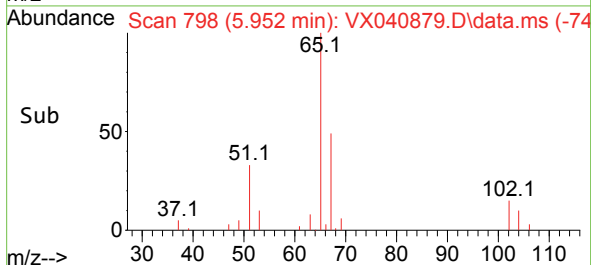
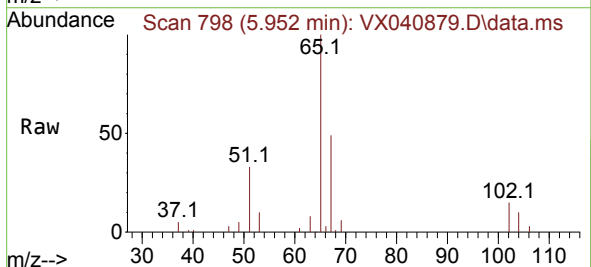


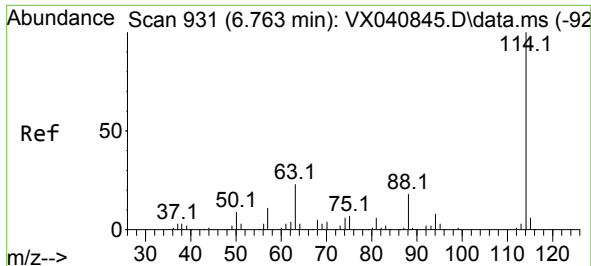
Tgt Ion: 56 Resp: 1095
Ion Ratio Lower Upper
56 100
69 106.3 23.4 35.2#
84 95.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.401 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

Tgt Ion: 65 Resp: 37232
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.2

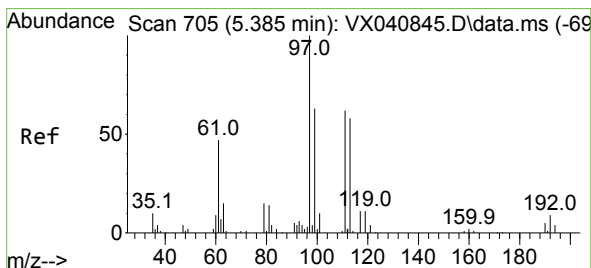
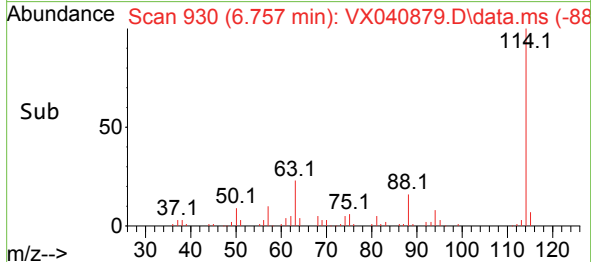
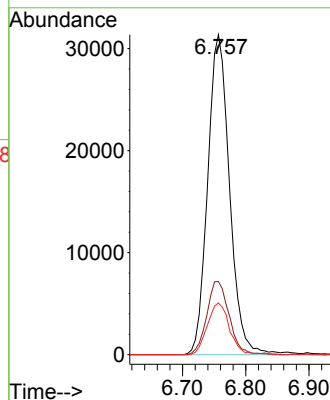
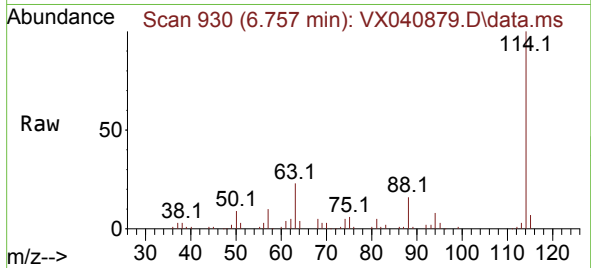




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

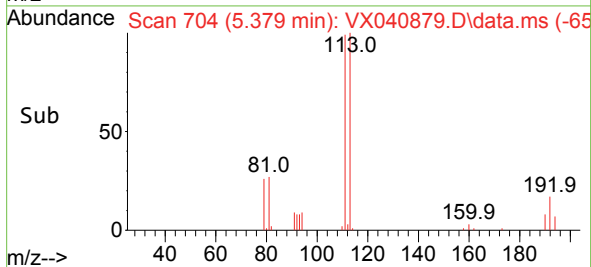
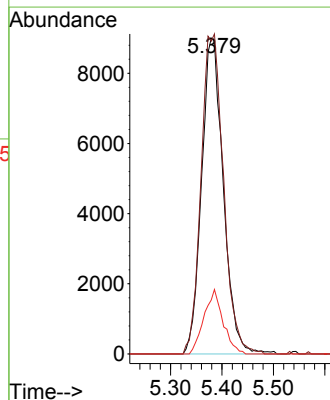
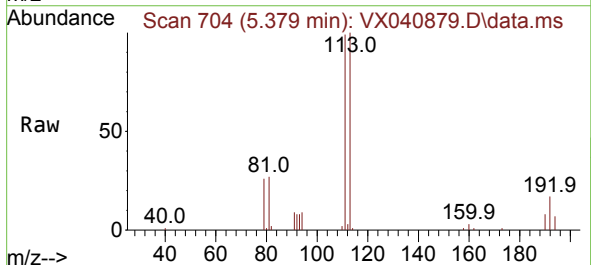
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-71-040324

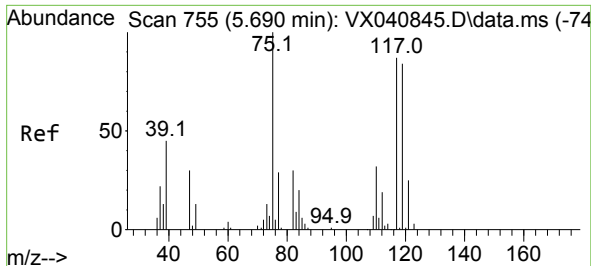
Tgt Ion:114 Resp: 75193
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.539 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

Tgt Ion:113 Resp: 26384
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 17.9 13.3 19.9

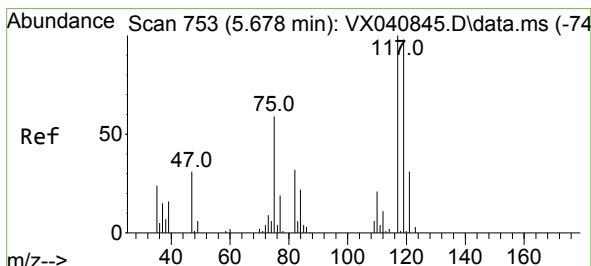
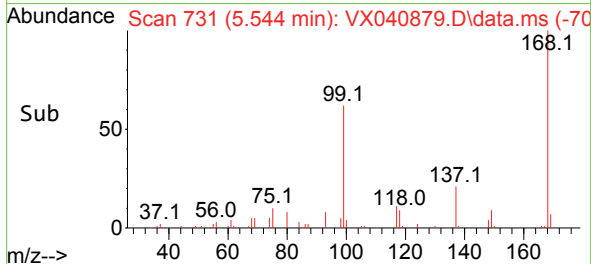
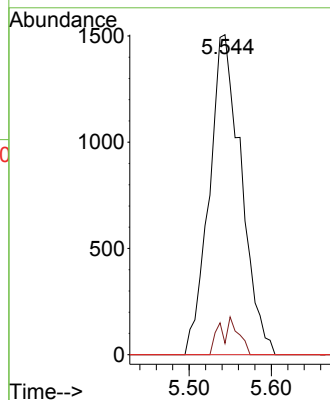
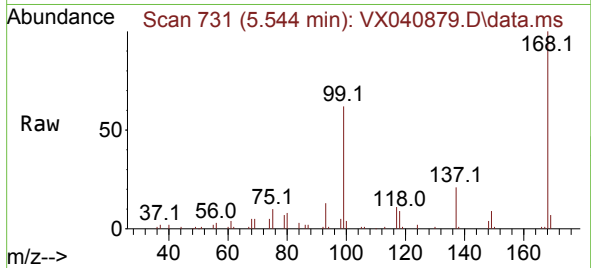




#36
1,1-Dichloropropene
Concen: 5.376 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

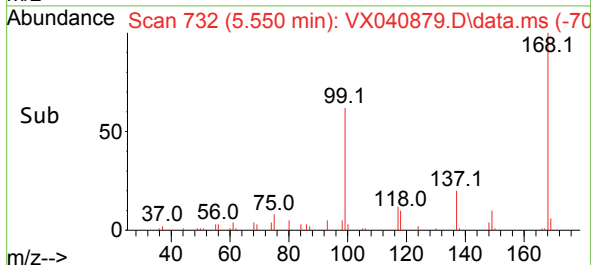
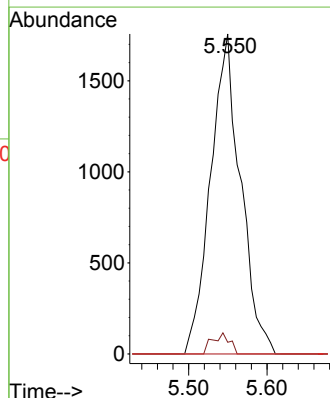
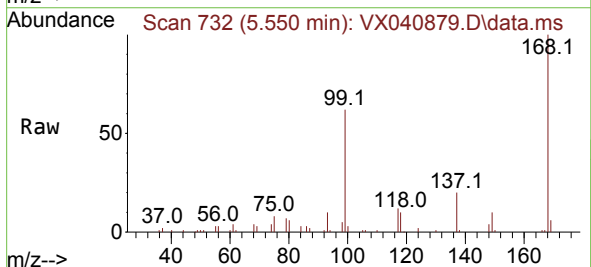
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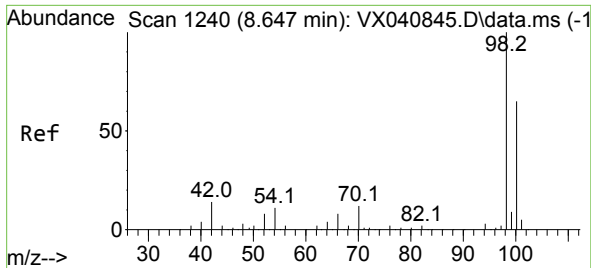
Tgt Ion: 75 Resp: 4068
Ion Ratio Lower Upper
75 100
110 4.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

Tgt Ion: 117 Resp: 4677
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

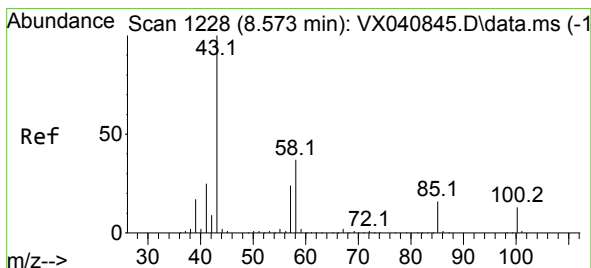
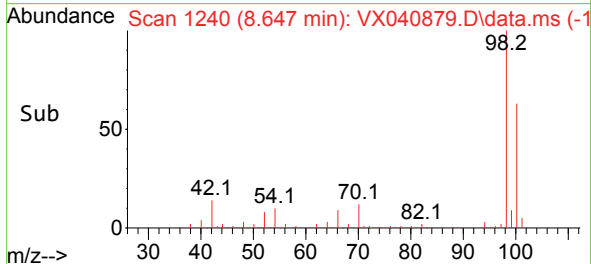
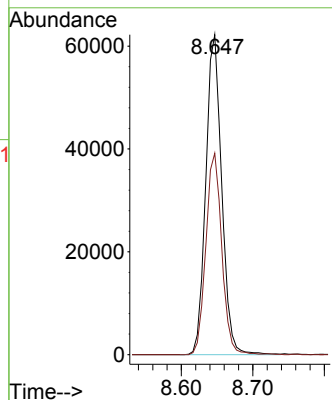
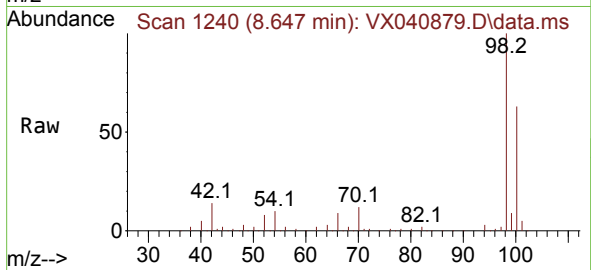




#50
Toluene-d8
Concen: 49.987 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

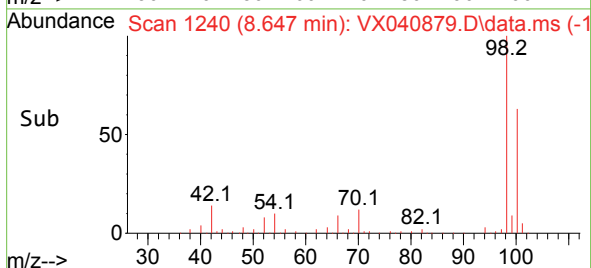
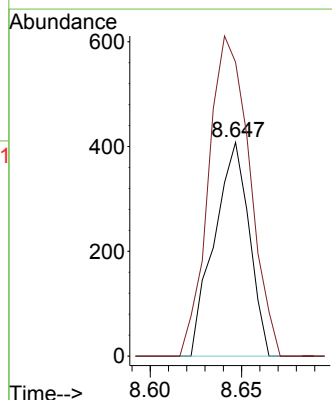
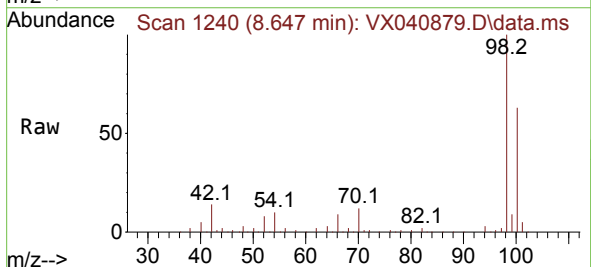
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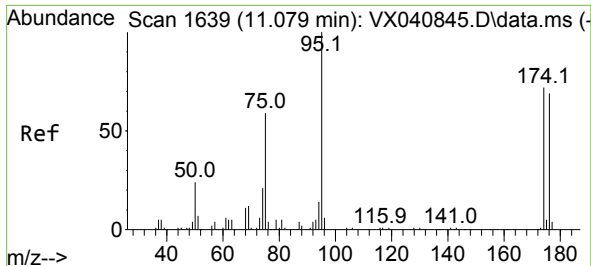
Tgt Ion: 98 Resp: 96201
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
58 176.3 30.4 45.6#

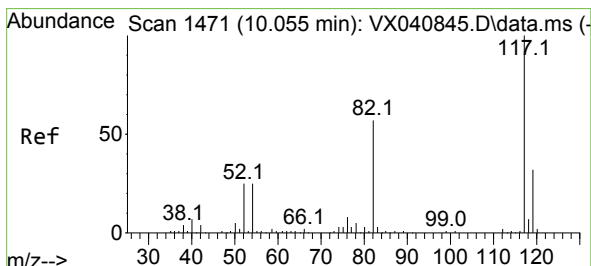
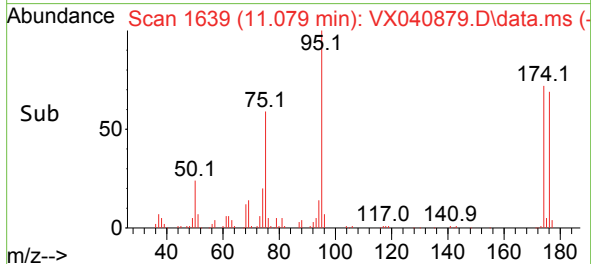
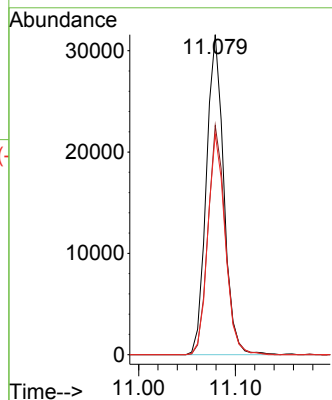
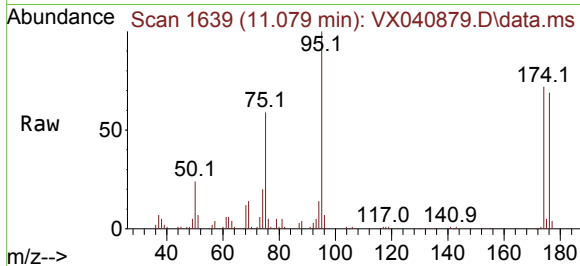




#62
4-Bromofluorobenzene
Concen: 51.540 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

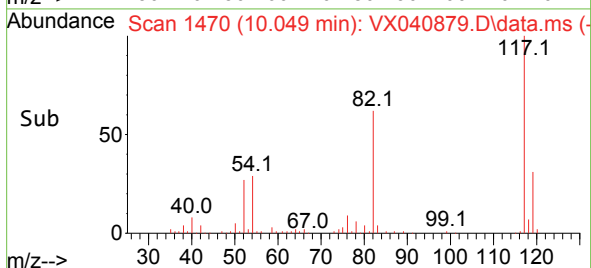
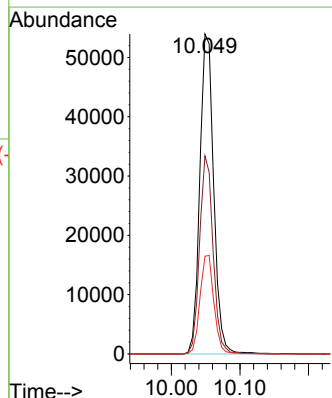
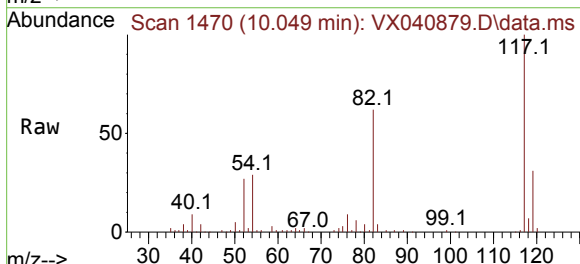
Instrument :
MSVOA_X
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RSB-02-71-040324

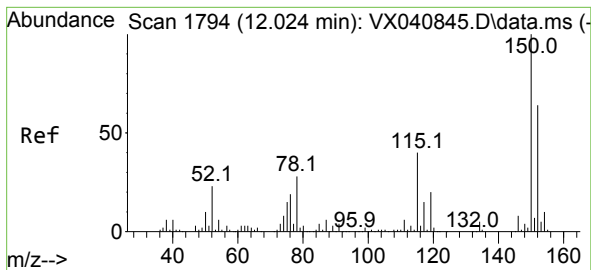
Tgt Ion: 95 Resp: 39611
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.6
176 68.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

Tgt Ion: 117 Resp: 76187
Ion Ratio Lower Upper
117 100
82 61.9 46.2 69.4
119 30.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040879.D

Acq: 04 Apr 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

RSB-02-71-040324

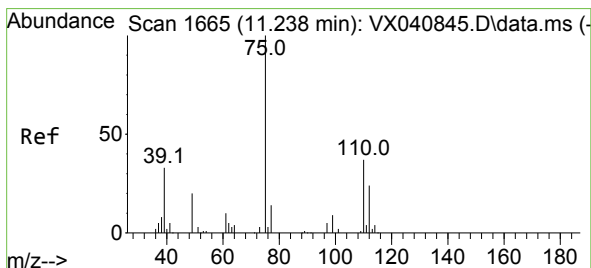
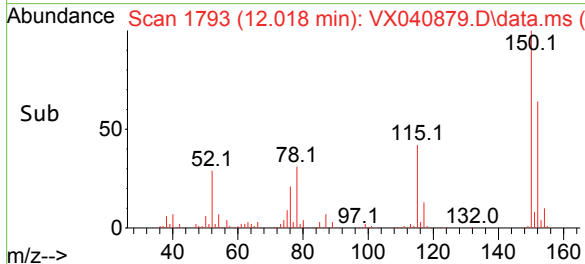
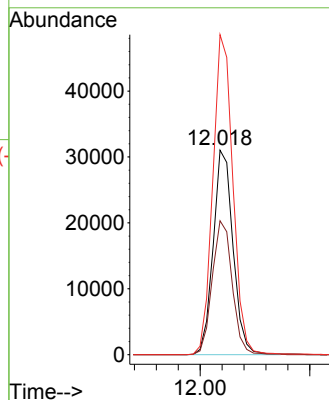
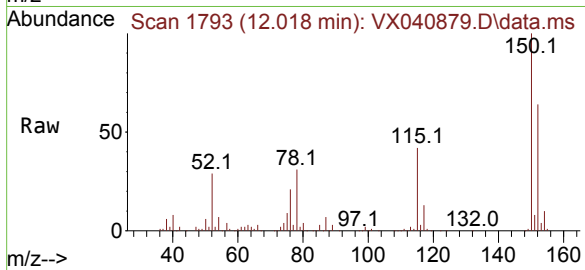
Tgt Ion:152 Resp: 39048

Ion Ratio Lower Upper

152 100

115 65.8 43.3 129.9

150 158.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 28.963 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040879.D

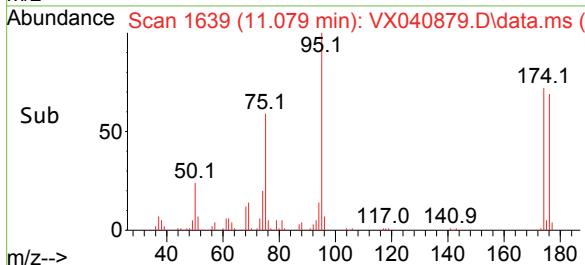
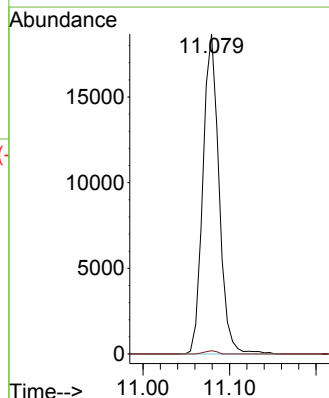
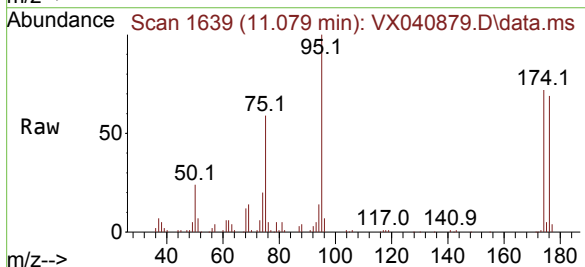
Acq: 04 Apr 2024 11:26

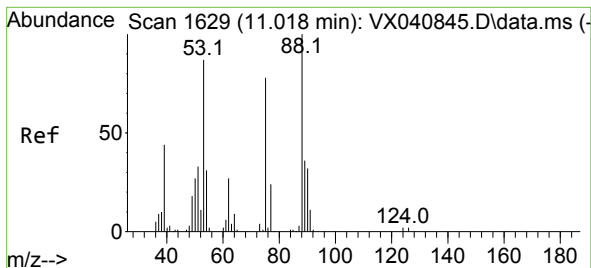
Tgt Ion: 75 Resp: 24116

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#

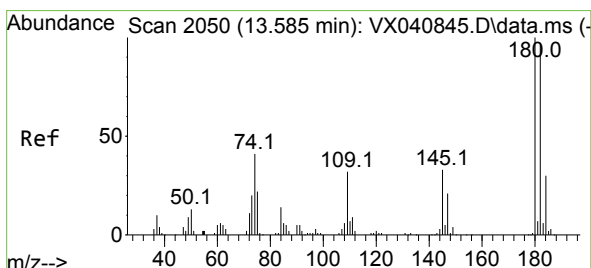
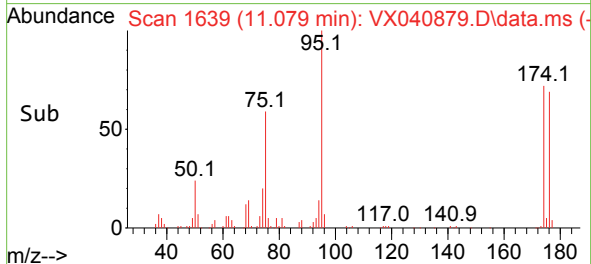
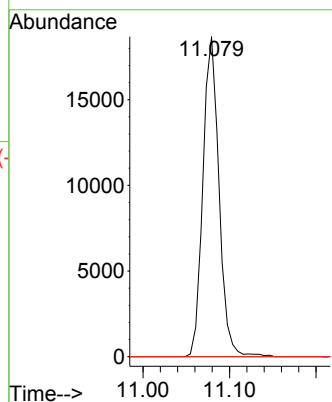
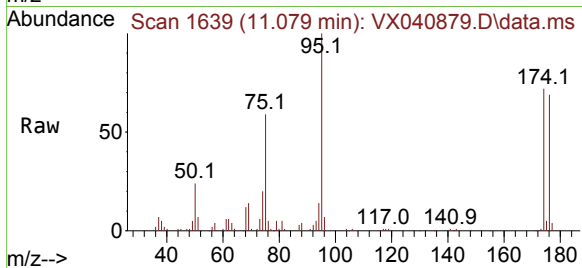




#81
trans-1,4-Dichloro-2-butene
Concen: 78.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

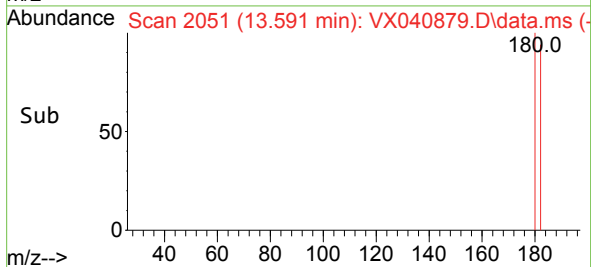
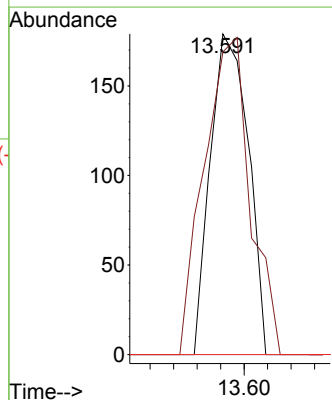
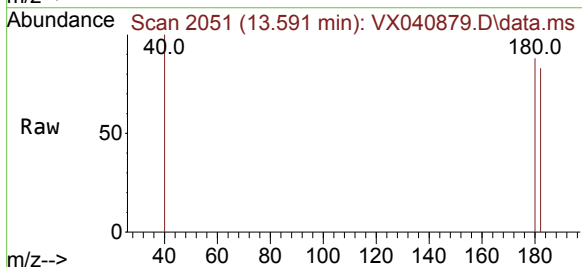
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-71-040324

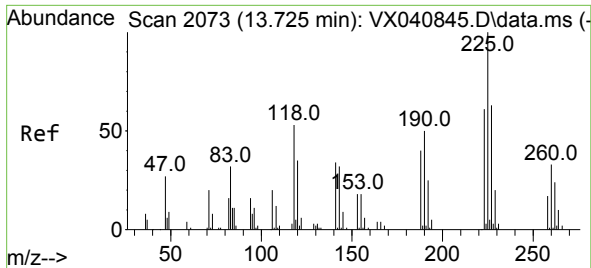
Tgt Ion: 75 Resp: 24116
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.228 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040879.D
Acq: 04 Apr 2024 11:26

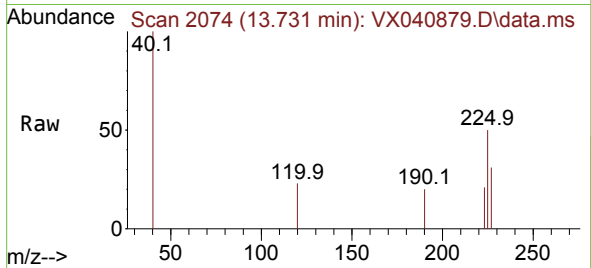
Tgt Ion: 180 Resp: 200
Ion Ratio Lower Upper
180 100
182 120.5 48.3 144.8
145 0.0 18.0 54.0#





#94
 Hexachlorobutadiene
 Concen: 0.389 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX040879.D
 Acq: 04 Apr 2024 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-02-71-040324



Tgt Ion:	225	Resp:	131
Ion	Ratio	Lower	Upper
225	100		
223	33.6	31.1	93.2
227	23.7	32.5	97.5#

