

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040867.D
 Acq On : 03 Apr 2024 12:16
 Operator : JC/MD
 Sample : P1964-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-02-17-040224

Quant Time: Apr 03 16:38:57 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)

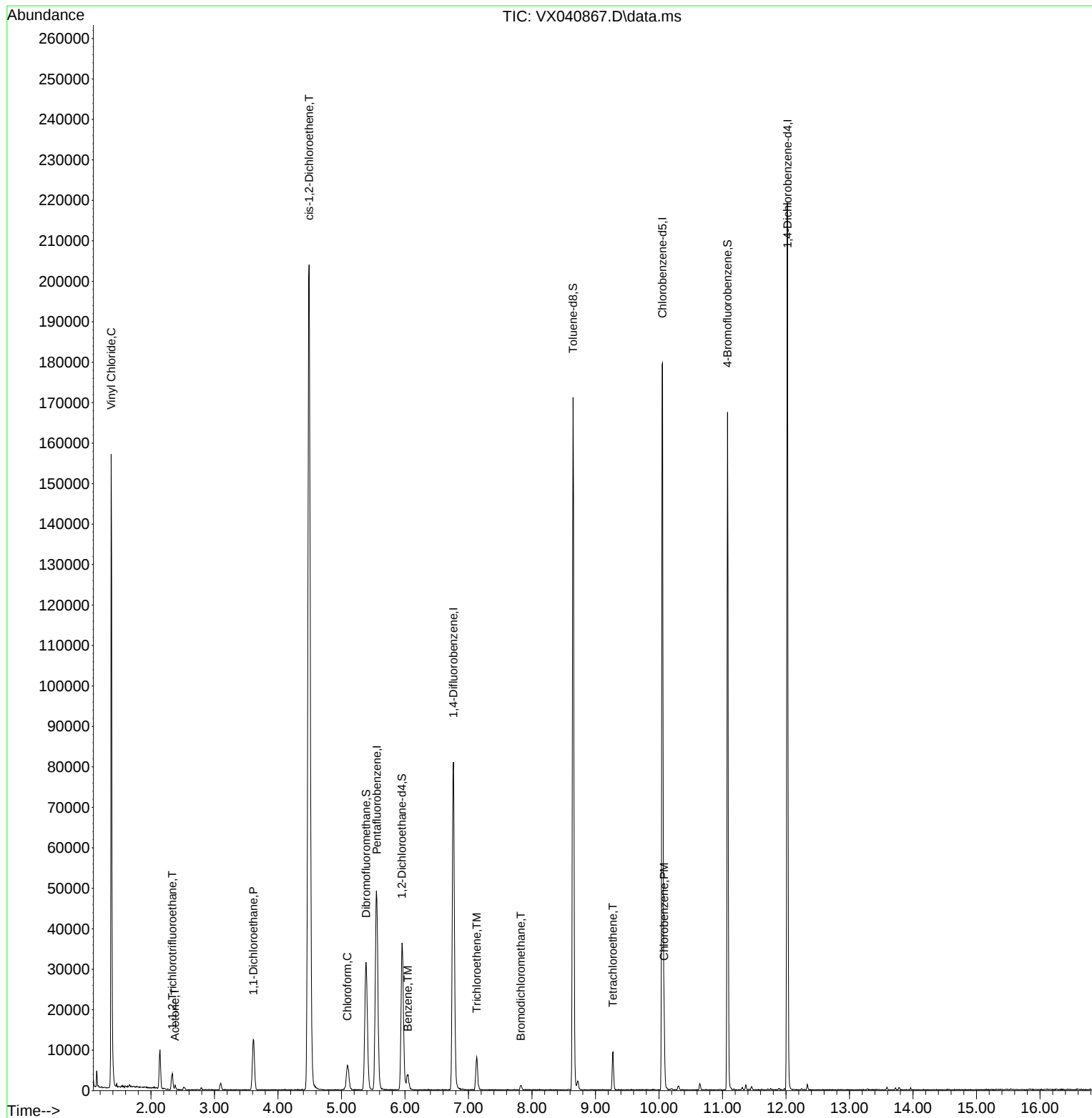
Internal Standards						
1) Pentafluorobenzene	5.556	168	44353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	76811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	37690	47.360	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	26821	49.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	8.647	98	96015	48.576	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	40831	51.728	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.460%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	92769	173.043	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	1358	2.567	ug/l	93
16) Acetone	2.380	43	1100	3.560	ug/l #	80
24) 1,1-Dichloroethane	3.611	63	14130	14.297	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	118944	196.536	ug/l	89
30) Chloroform	5.093	83	7058	6.561	ug/l	98
40) Benzene	6.044	78	4549	2.109	ug/l	93
44) Trichloroethene	7.129	130	3139	5.826	ug/l	93
47) Bromodichloromethane	7.824	83	1032	1.175	ug/l #	93
64) Tetrachloroethene	9.275	164	1548	3.045	ug/l	92
65) Chlorobenzene	10.080	112	7421	4.418	ug/l	96

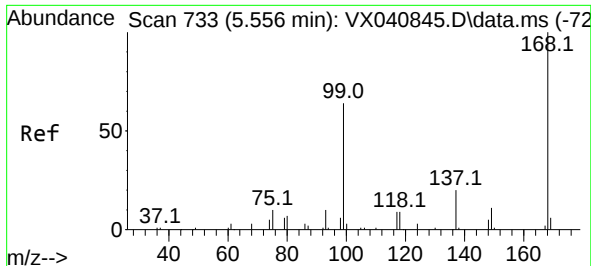
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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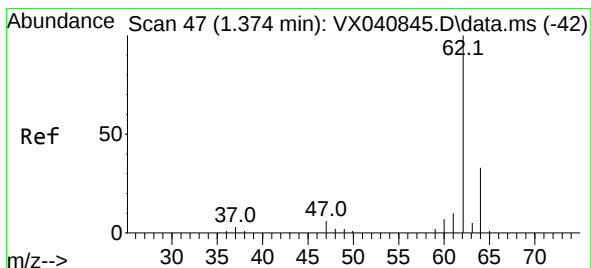
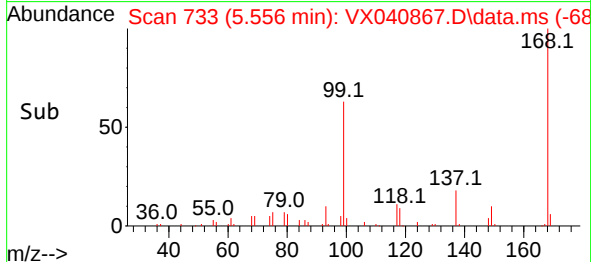
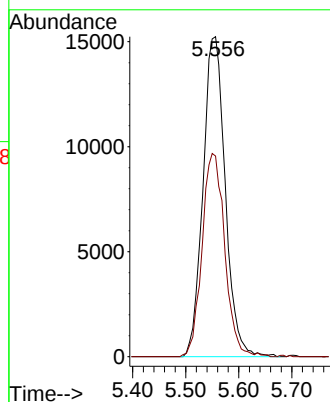
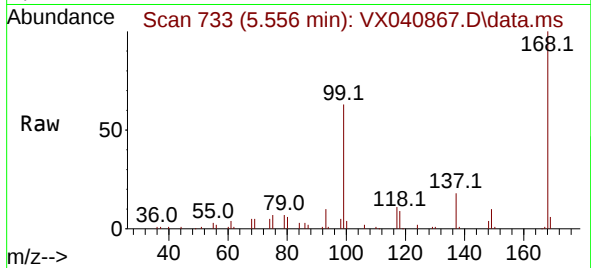




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

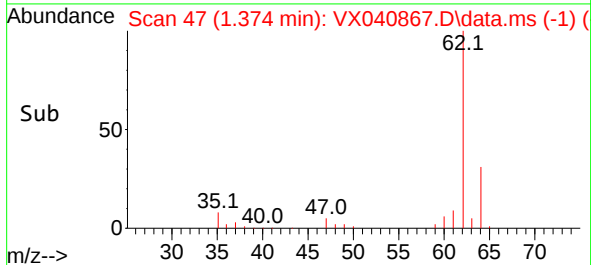
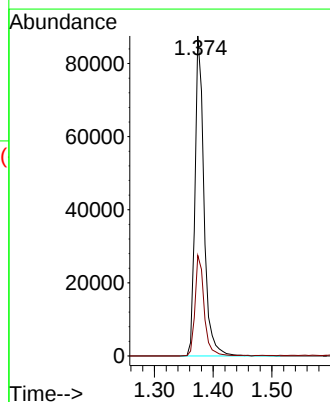
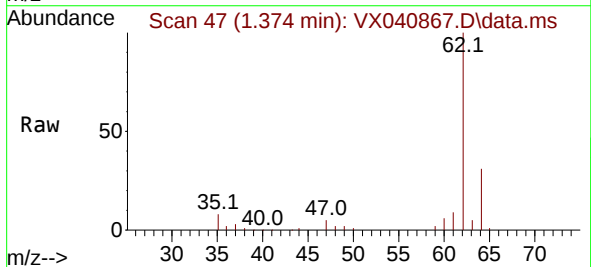
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-17-040224

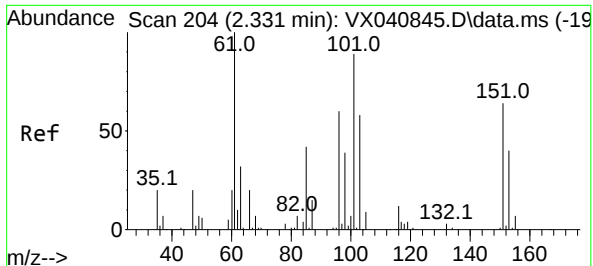
Tgt Ion:168 Resp: 44353
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#4
Vinyl Chloride
Concen: 173.043 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

Tgt Ion: 62 Resp: 92769
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

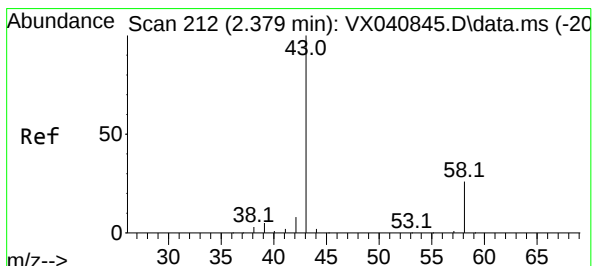
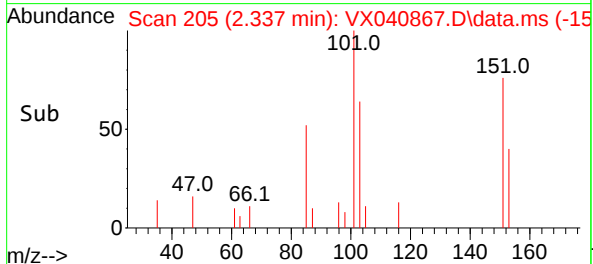
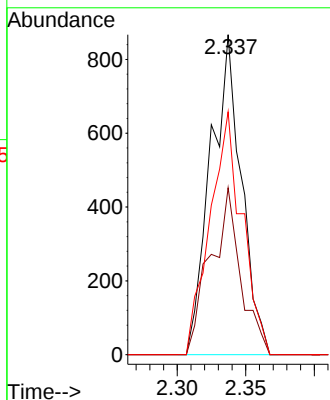
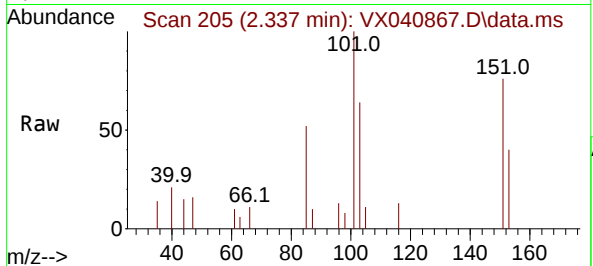




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.567 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

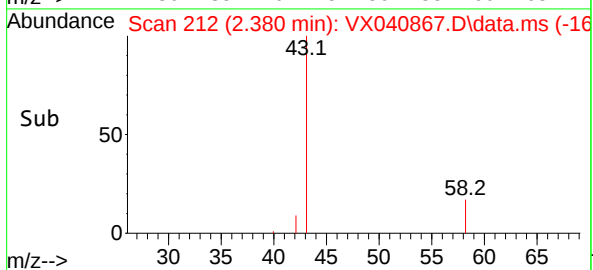
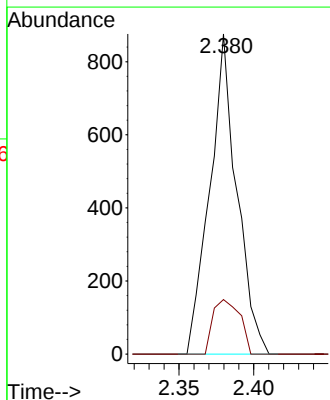
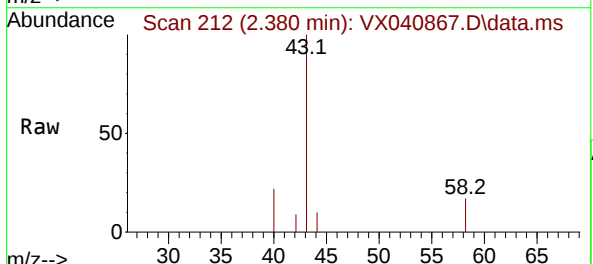
Instrument :
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ClientSampleId :
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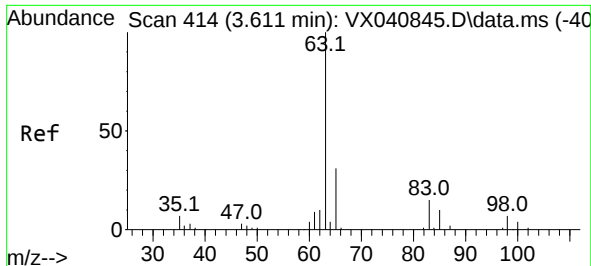
Tgt Ion:101 Resp: 1358
Ion Ratio Lower Upper
101 100
85 51.0 37.0 55.6
151 79.2 58.6 87.8



#16
Acetone
Concen: 3.560 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 17.0 21.9 32.9#

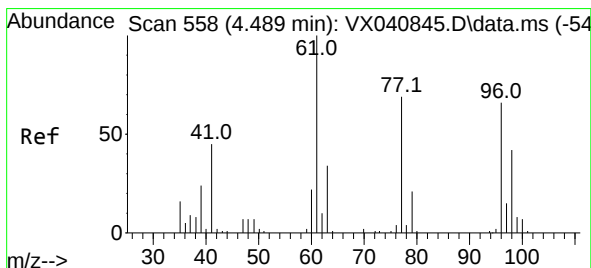
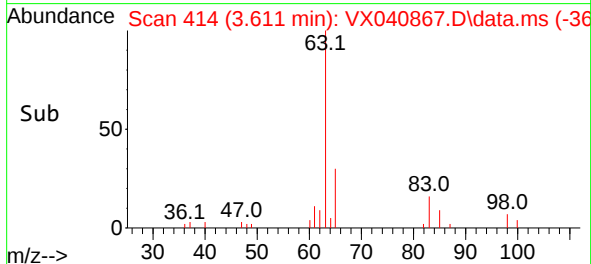
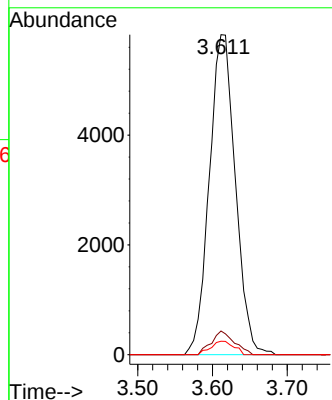
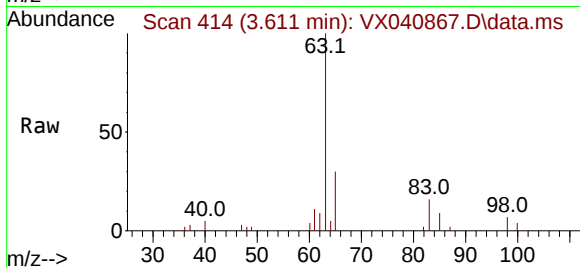




#24
1,1-Dichloroethane
Concen: 14.297 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

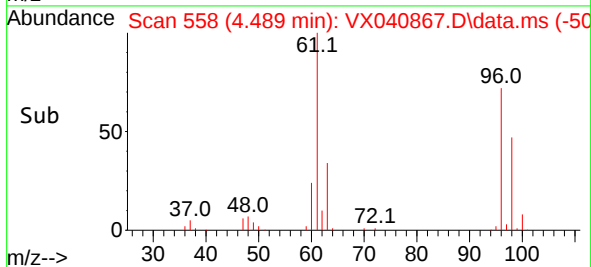
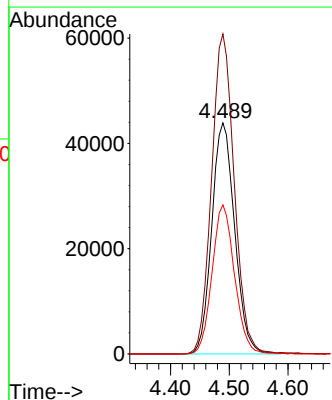
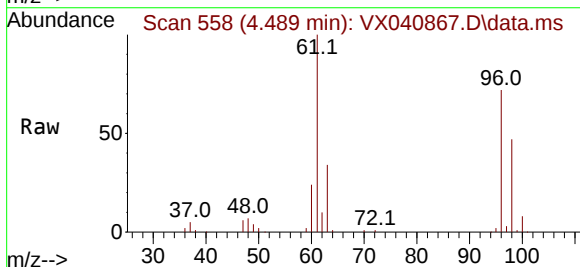
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-17-040224

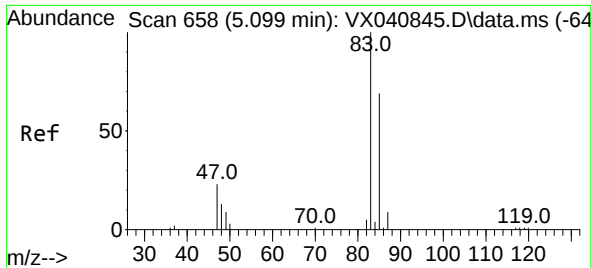
Tgt Ion:	63	Resp:	14130
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.3	9.8
100	4.2	2.1	6.5



#27
cis-1,2-Dichloroethene
Concen: 196.536 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

Tgt Ion:	96	Resp:	118944
Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	312.2
98	63.3	0.0	129.0





#30

Chloroform

Concen: 6.561 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX040867.D

Acq: 03 Apr 2024 12:16

Instrument :

MSVOA_X

ClientSampleId :

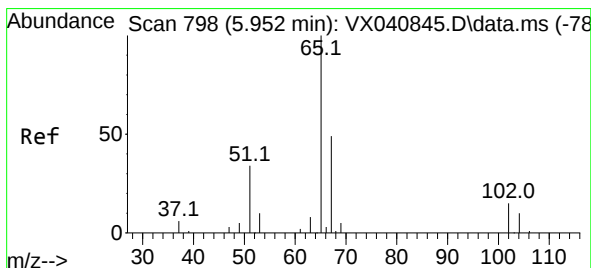
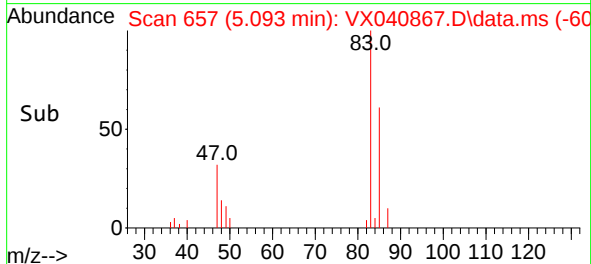
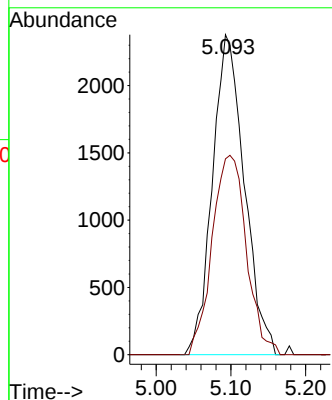
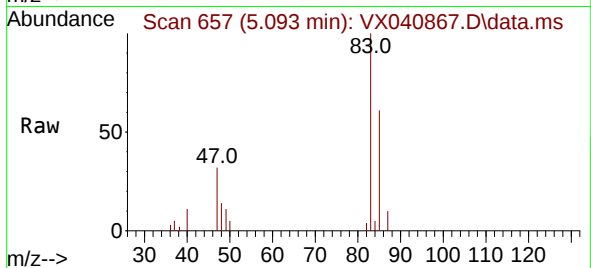
RSB-02-17-040224

Tgt Ion: 83 Resp: 7058

Ion Ratio Lower Upper

83 100

85 61.2 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 47.360 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040867.D

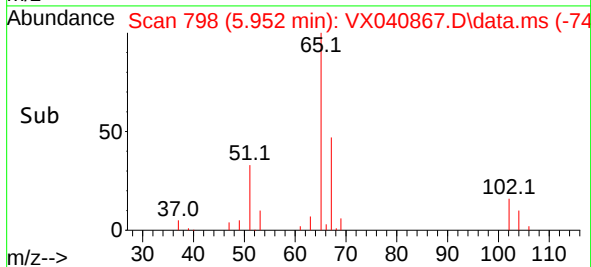
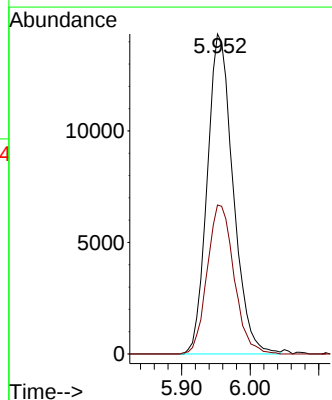
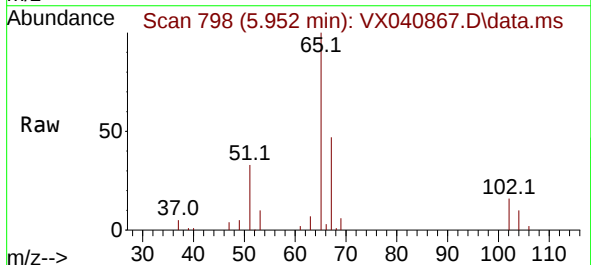
Acq: 03 Apr 2024 12:16

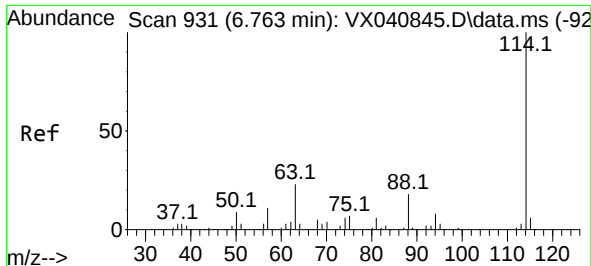
Tgt Ion: 65 Resp: 37690

Ion Ratio Lower Upper

65 100

67 48.2 0.0 100.2

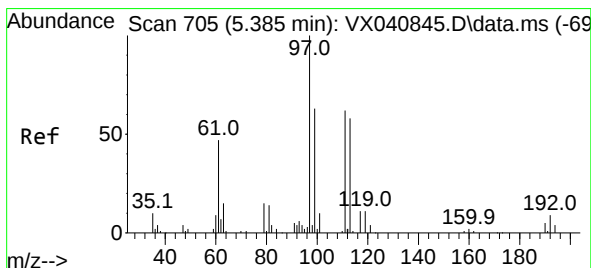
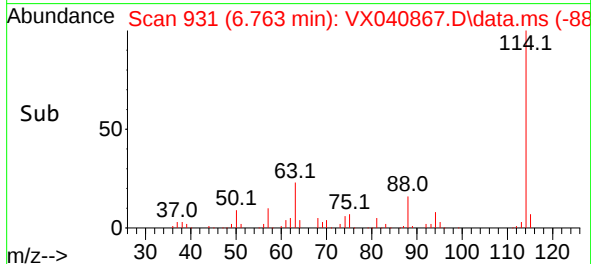
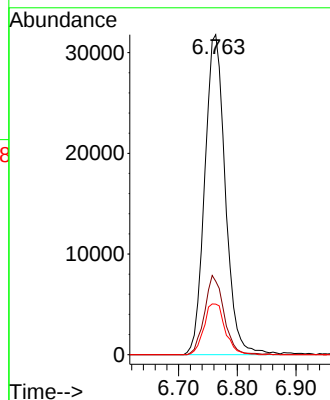
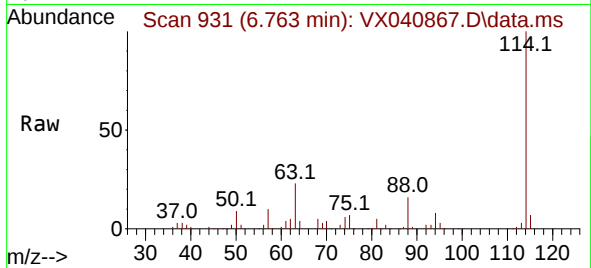




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

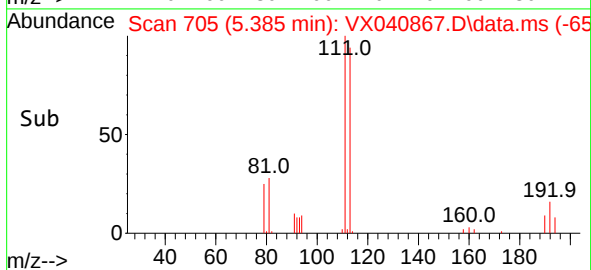
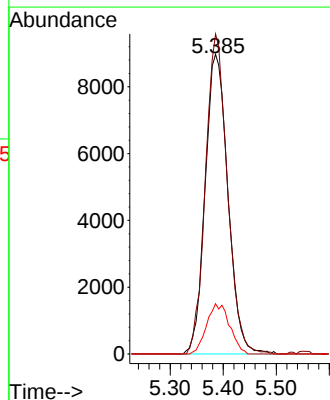
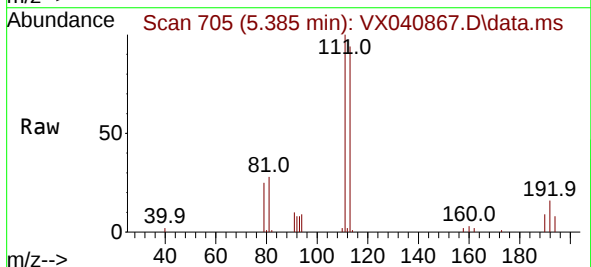
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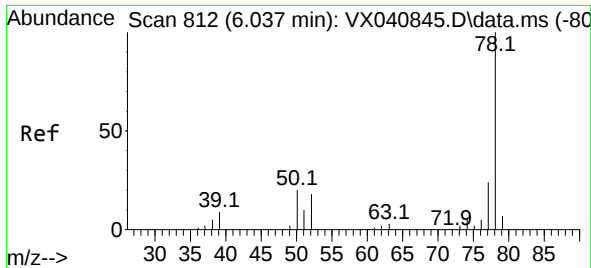
Tgt Ion:114 Resp: 77228
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.032 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

Tgt Ion:113 Resp: 26821
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.9 13.3 19.9





#40

Benzene

Concen: 2.109 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX040867.D

Acq: 03 Apr 2024 12:16

Instrument :

MSVOA_X

ClientSampleId :

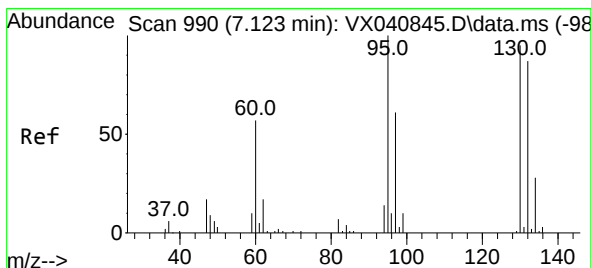
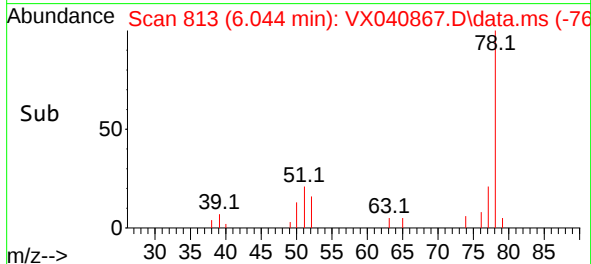
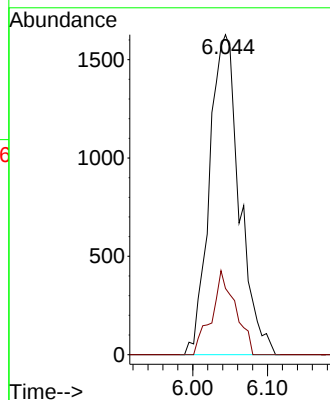
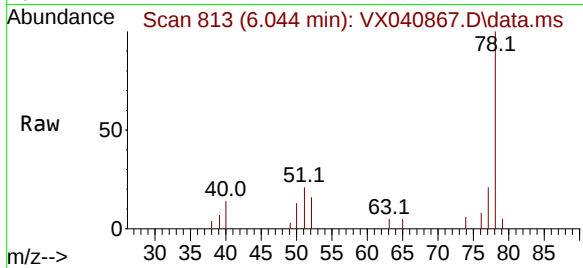
RSB-02-17-040224

Tgt Ion: 78 Resp: 4549

Ion Ratio Lower Upper

78 100

77 20.7 19.3 28.9



#44

Trichloroethene

Concen: 5.826 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040867.D

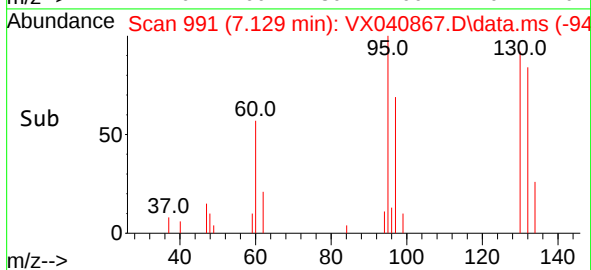
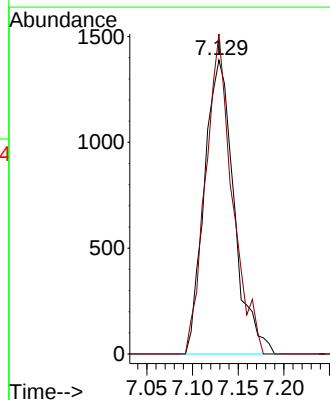
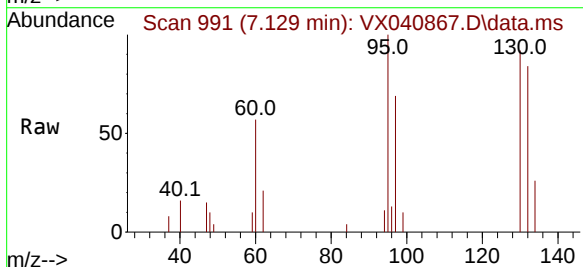
Acq: 03 Apr 2024 12:16

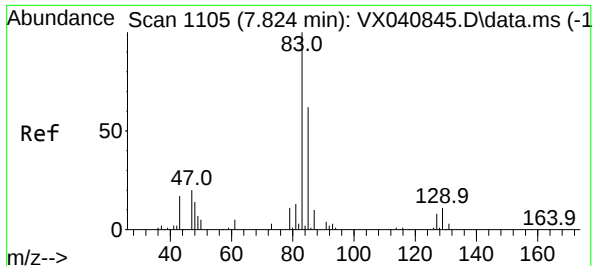
Tgt Ion:130 Resp: 3139

Ion Ratio Lower Upper

130 100

95 108.9 0.0 204.4

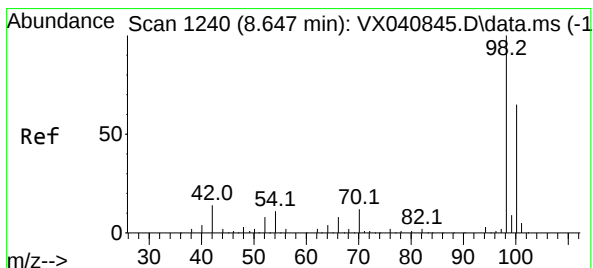
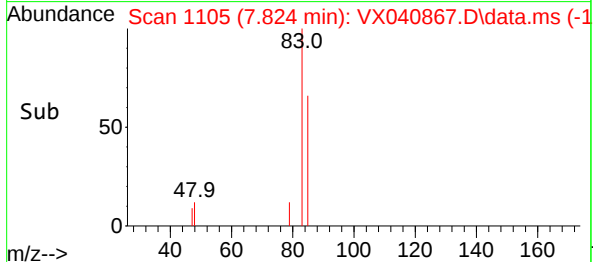
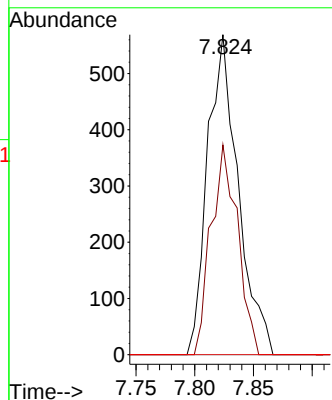
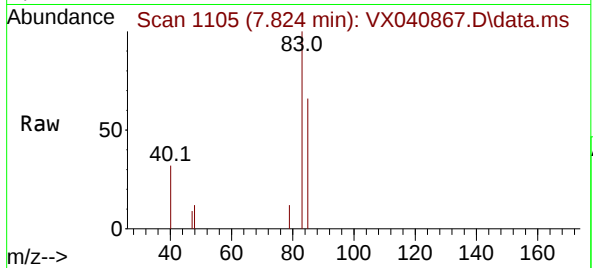




#47
Bromodichloromethane
Concen: 1.175 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

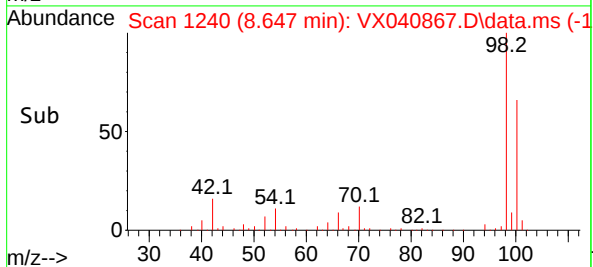
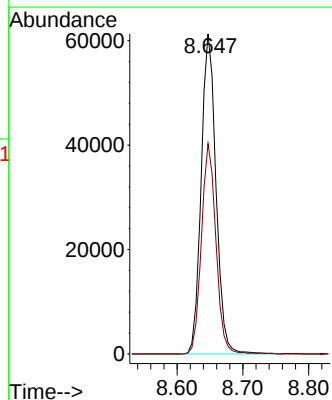
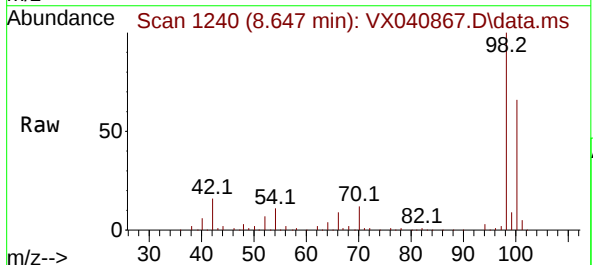
Instrument :
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ClientSampleId :
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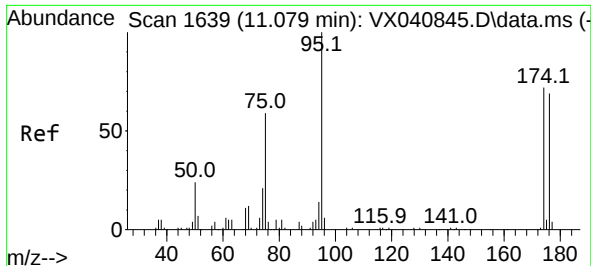
Tgt Ion: 83	Resp:	1032
Ion	Ratio	Lower Upper
83	100	
85	65.6	49.8 74.6
127	0.0	7.1 10.7#



#50
Toluene-d8
Concen: 48.576 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

Tgt Ion: 98	Resp:	96015
Ion	Ratio	Lower Upper
98	100	
100	64.5	53.1 79.7

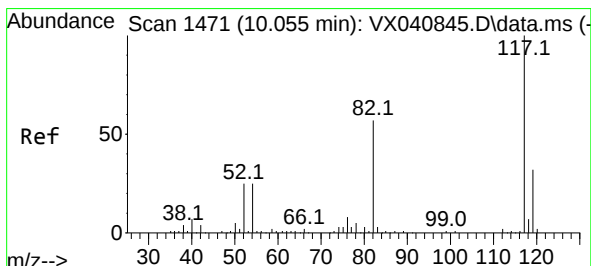
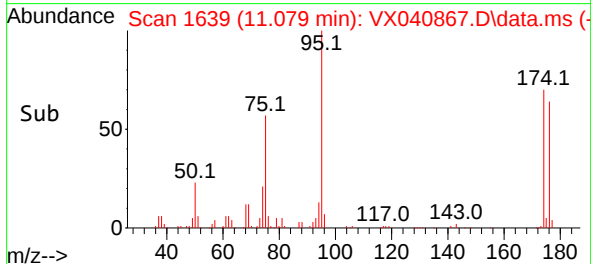
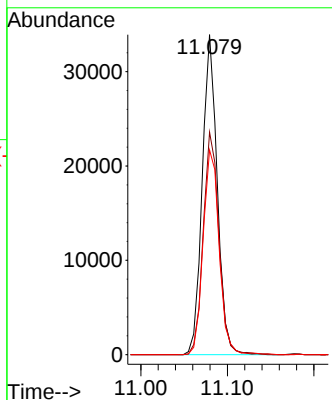
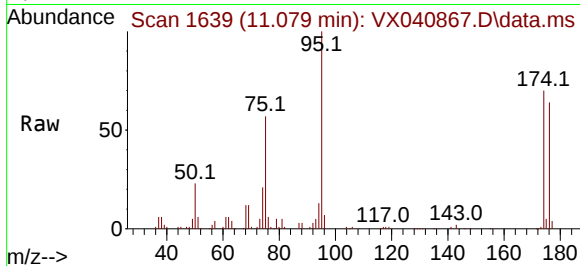




#62
4-Bromofluorobenzene
Concen: 51.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

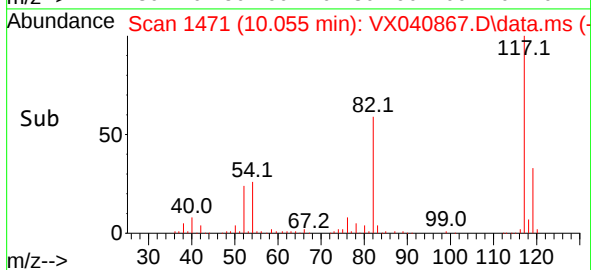
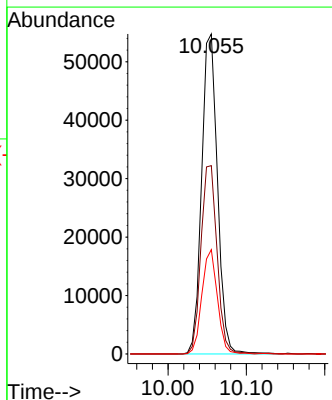
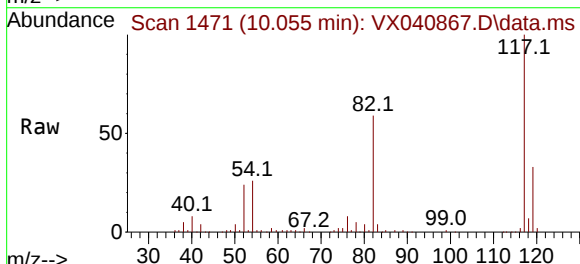
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-17-040224

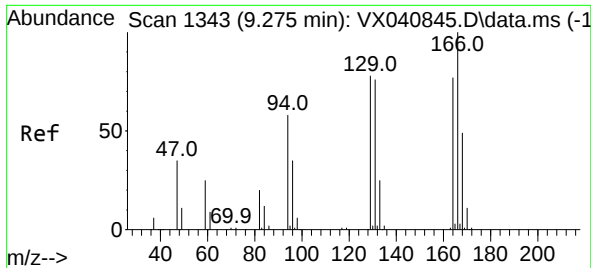
Tgt Ion: 95 Resp: 40831
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 68.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

Tgt Ion: 117 Resp: 76811
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 32.6 25.5 38.3

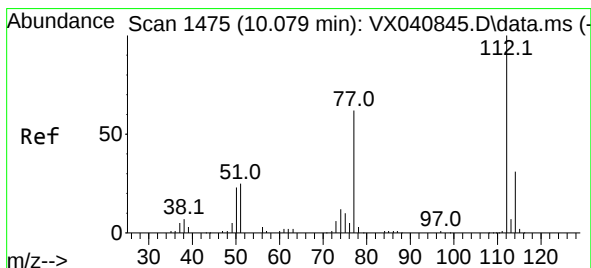
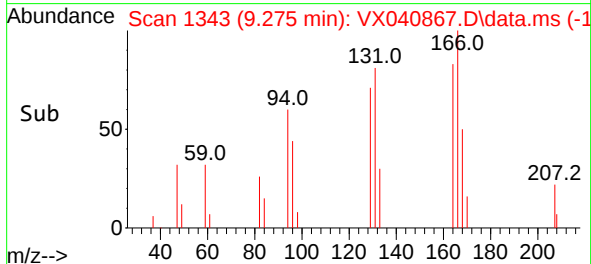
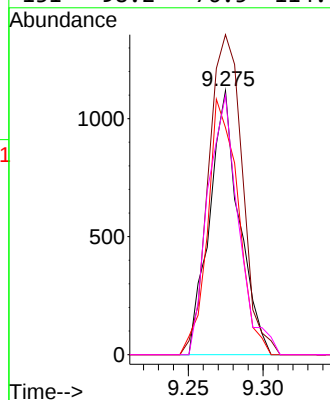
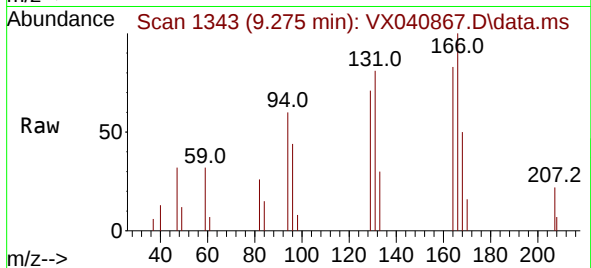




#64
Tetrachloroethene
Concen: 3.045 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

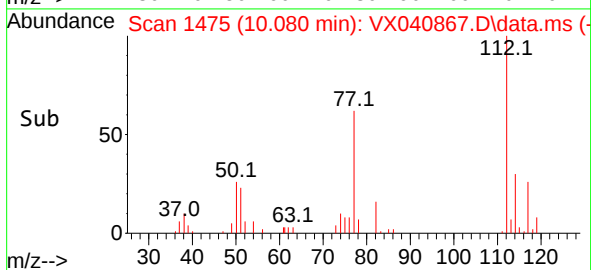
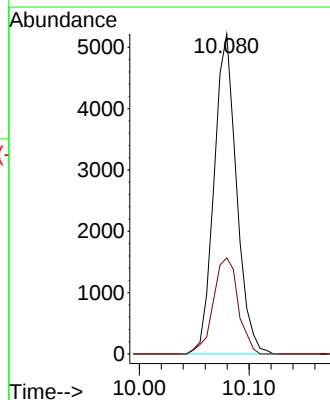
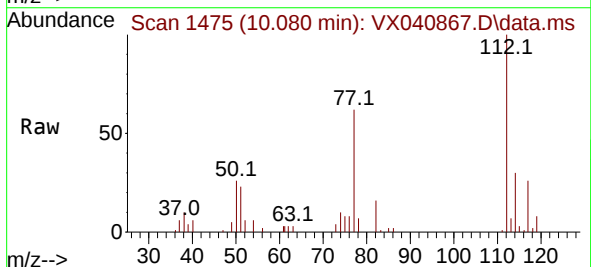
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-17-040224

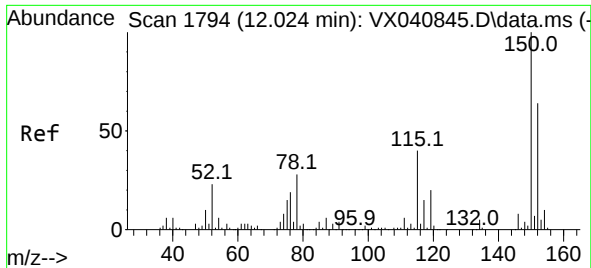
Tgt Ion:164	Resp:	1548
Ion	Ratio	Lower Upper
164	100	
166	121.2	102.7 154.1
129	86.0	80.4 120.6
131	98.2	76.5 114.7



#65
Chlorobenzene
Concen: 4.418 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040867.D
Acq: 03 Apr 2024 12:16

Tgt Ion:112	Resp:	7421
Ion	Ratio	Lower Upper
112	100	
114	30.0	25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040867.D

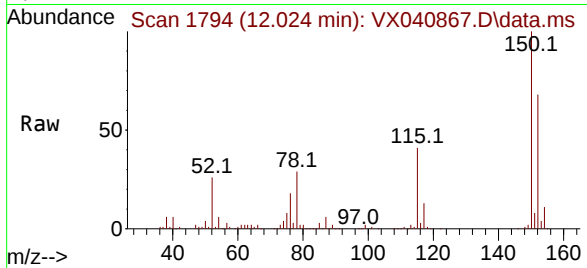
Acq: 03 Apr 2024 12:16

Instrument :

MSVOA_X

ClientSampleId :

RSB-02-17-040224



Tgt Ion:152 Resp: 41204

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 153.4 0.0 345.0

