

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081886.D
 Acq On : 26 Apr 2024 18:31
 Operator : JC\MD
 Sample : P2265-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-02B-14-042424

Quant Time: Apr 26 23:04:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

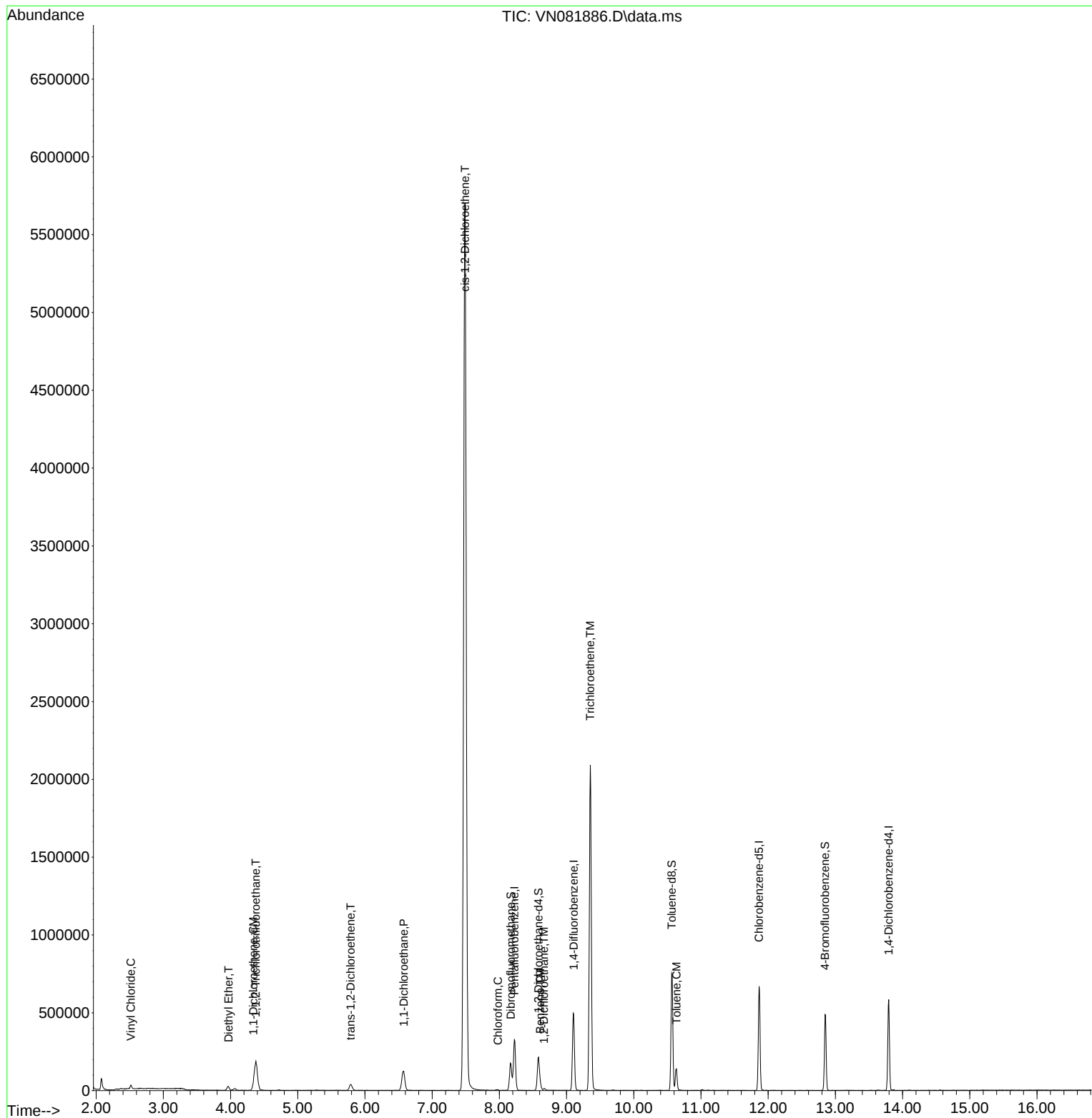
Internal Standards						
1) Pentafluorobenzene	8.224	168	222724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	419189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164662	43.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.600%
35) Dibromofluoromethane	8.171	113	127588	50.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.565	98	518432	52.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.847	95	181015	46.196	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.400%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	23422	7.933	ug/l	100
8) Diethyl Ether	3.971	74	14956	7.709	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	123479	46.567	ug/l	96
12) 1,1-Dichloroethene	4.342	96	14320	5.308	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	23941	8.140	ug/l	92
24) 1,1-Dichloroethane	6.577	63	188936	32.876	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	3416663	994.099	ug/l	97
30) Chloroform	7.977	83	4441	0.780	ug/l #	73
40) Benzene	8.606	78	29620	2.403	ug/l	99
42) 1,2-Dichloroethane	8.665	62	8818	1.927	ug/l	86
44) Trichloroethene	9.353	130	727082	255.847	ug/l	92
52) Toluene	10.635	92	60333	8.173	ug/l	99

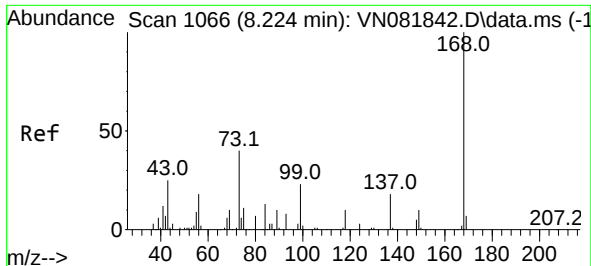
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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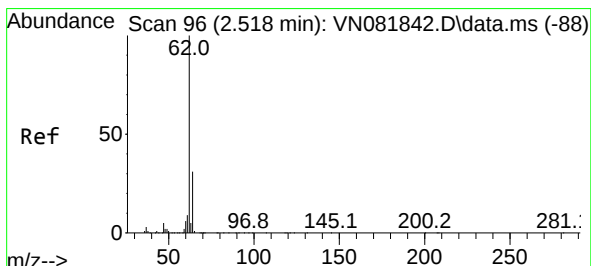
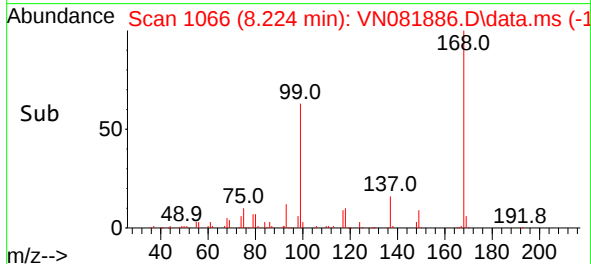
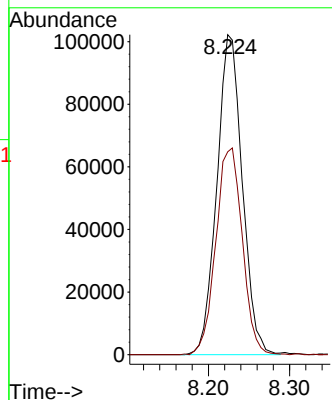
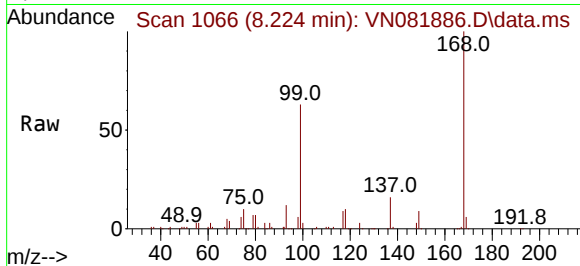




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

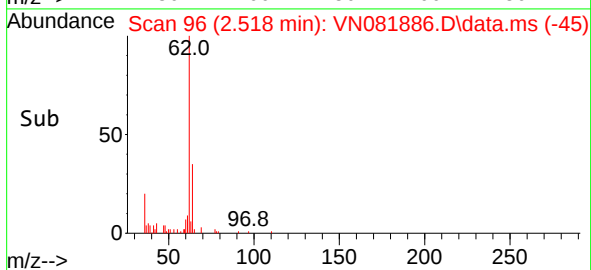
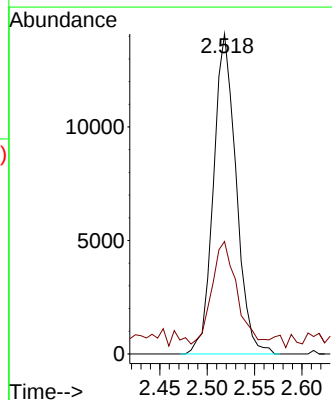
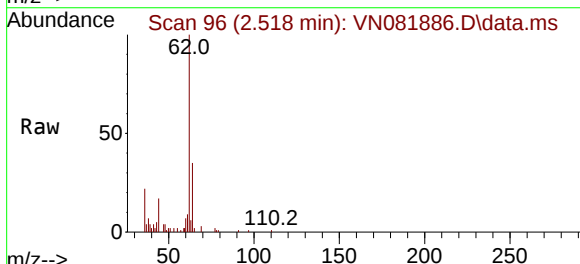
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-14-042424

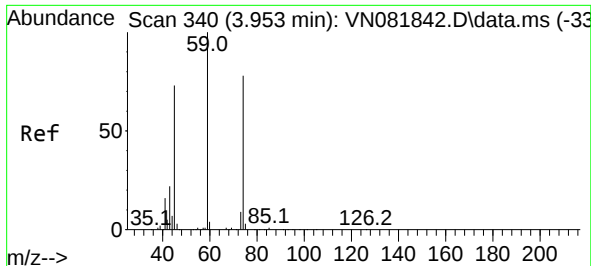
Tgt Ion:168 Resp: 222724
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#4
Vinyl Chloride
Concen: 7.933 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

Tgt Ion: 62 Resp: 23422
Ion Ratio Lower Upper
62 100
64 30.8 24.6 37.0





#8

Diethyl Ether

Concen: 7.709 ug/l

RT: 3.971 min Scan# 340

Delta R.T. 0.018 min

Lab File: VN081886.D

Acq: 26 Apr 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

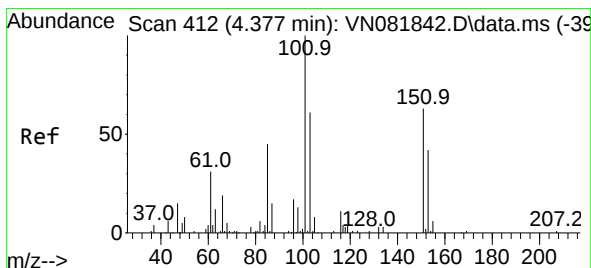
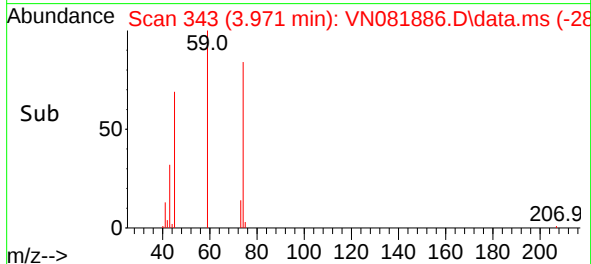
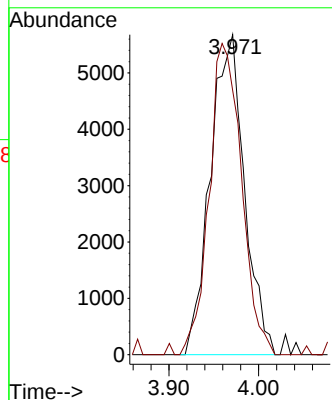
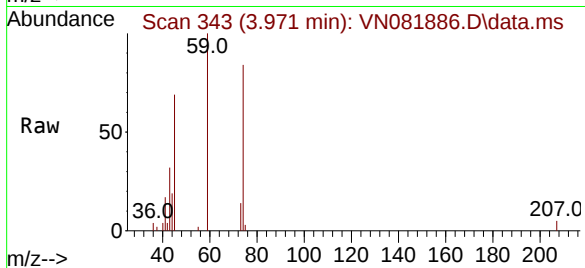
RMW-02B-14-042424

Tgt Ion: 74 Resp: 14956

Ion Ratio Lower Upper

74 100

45 92.6 42.4 127.3



#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.567 ug/l

RT: 4.377 min Scan# 412

Delta R.T. 0.000 min

Lab File: VN081886.D

Acq: 26 Apr 2024 18:31

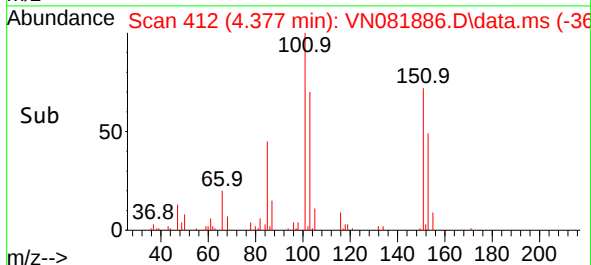
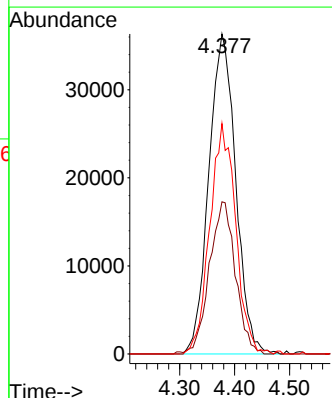
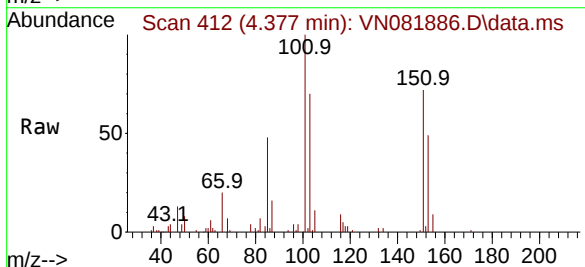
Tgt Ion: 101 Resp: 123479

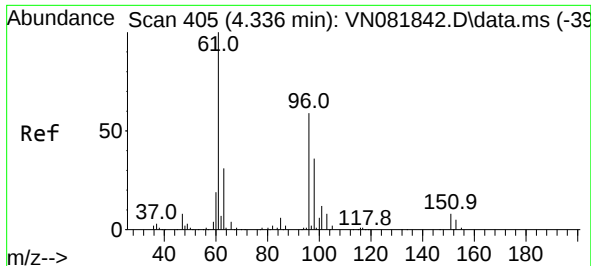
Ion Ratio Lower Upper

101 100

85 46.1 37.3 55.9

151 69.3 59.2 88.8





#12

1,1-Dichloroethene

Concen: 5.308 ug/l

RT: 4.342 min Scan# 405

Delta R.T. 0.006 min

Lab File: VN081886.D

Acq: 26 Apr 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

RMW-02B-14-042424

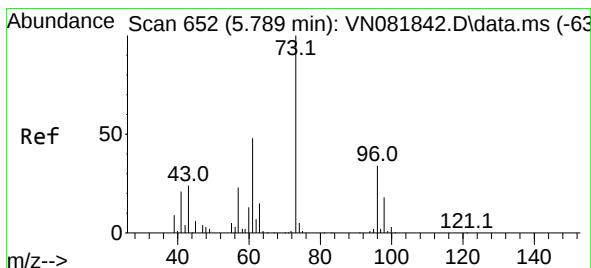
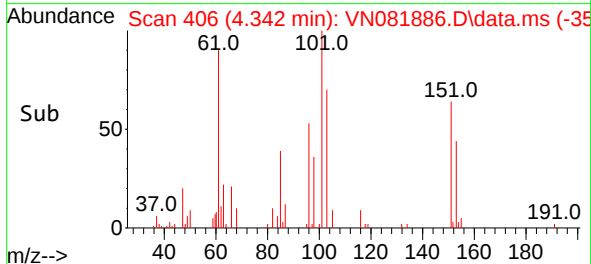
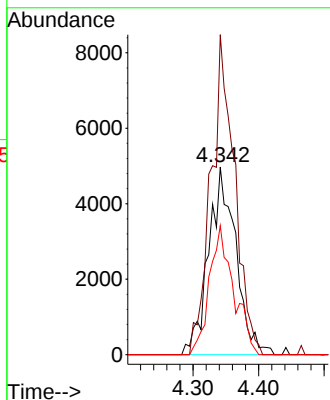
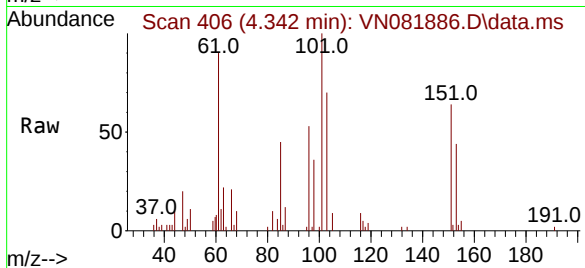
Tgt Ion: 96 Resp: 14320

Ion Ratio Lower Upper

96 100

61 170.5 119.7 179.5

98 68.7 49.6 74.4



#21

trans-1,2-Dichloroethene

Concen: 8.140 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN081886.D

Acq: 26 Apr 2024 18:31

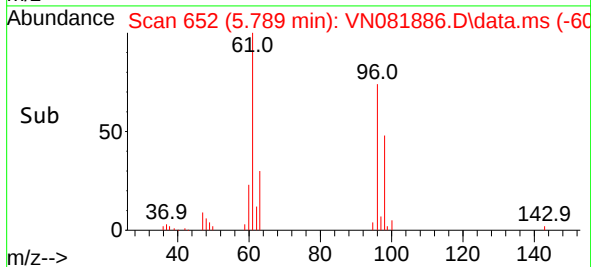
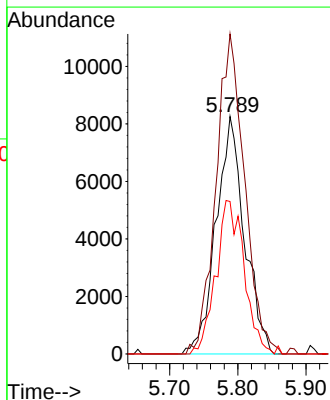
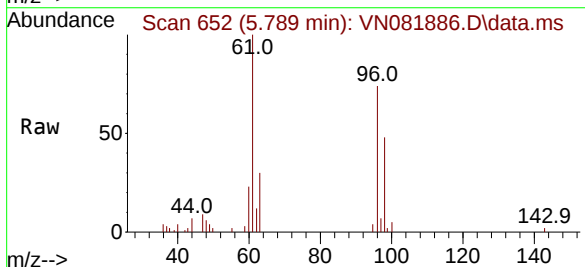
Tgt Ion: 96 Resp: 23941

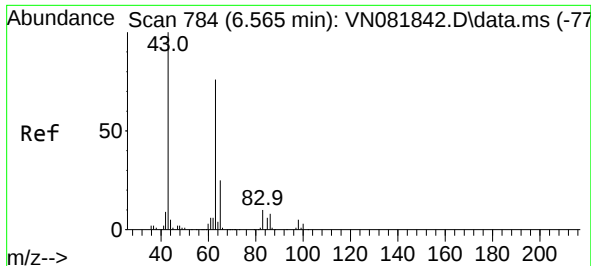
Ion Ratio Lower Upper

96 100

61 134.8 96.5 144.7

98 64.2 51.3 76.9

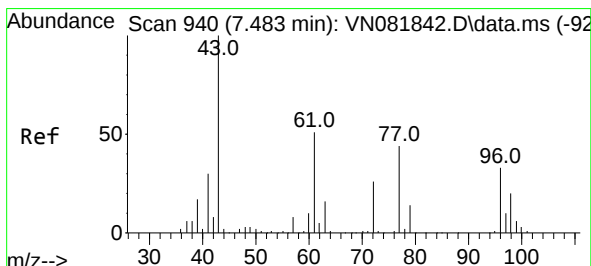
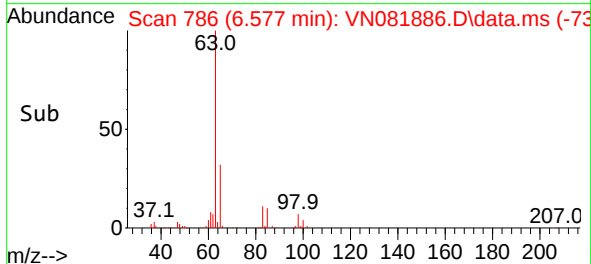
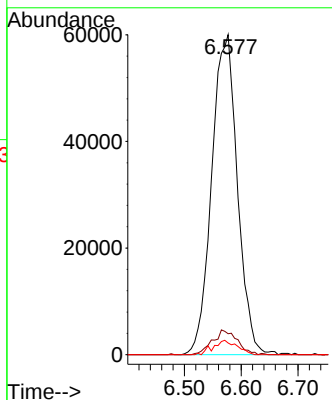
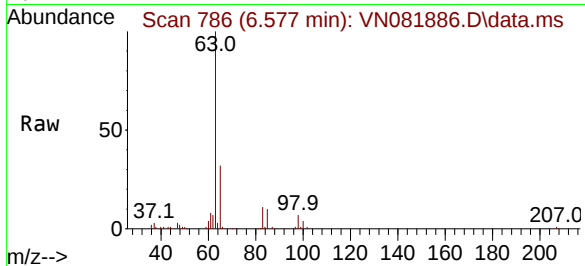




#24
1,1-Dichloroethane
Concen: 32.876 ug/l
RT: 6.577 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

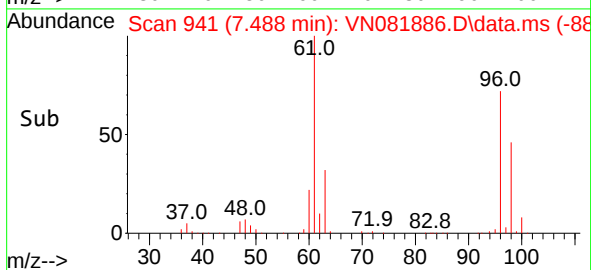
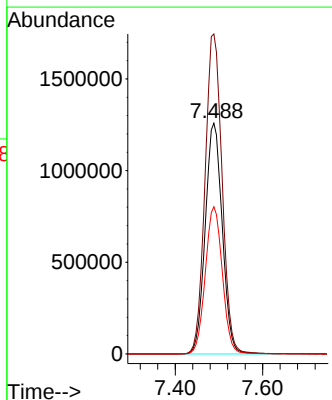
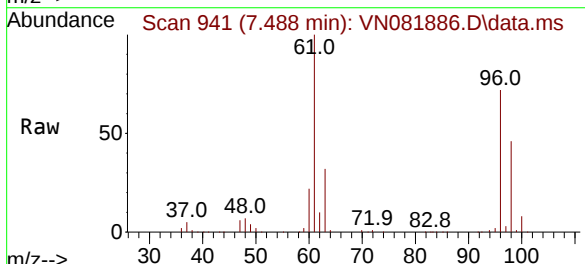
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-14-042424

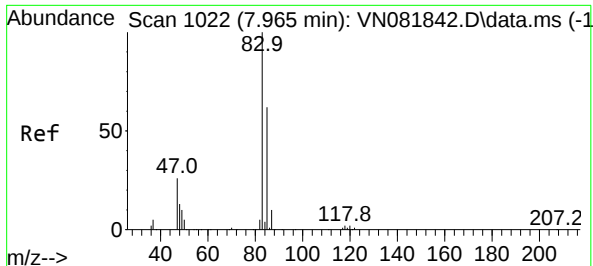
Tgt Ion: 63 Resp: 188936
Ion Ratio Lower Upper
63 100
98 6.6 3.6 10.9
100 3.7 2.6 7.8



#27
cis-1,2-Dichloroethene
Concen: 994.099 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

Tgt Ion: 96 Resp: 3416663
Ion Ratio Lower Upper
96 100
61 138.8 0.0 268.0
98 63.8 0.0 126.8





#30

Chloroform

Concen: 0.780 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.012 min

Lab File: VN081886.D

Acq: 26 Apr 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

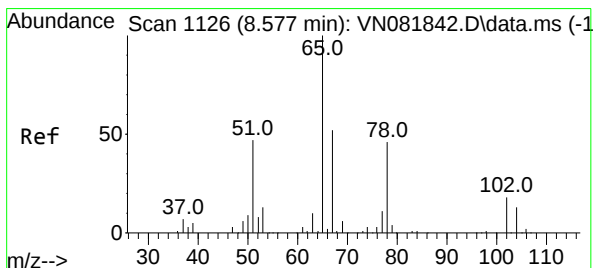
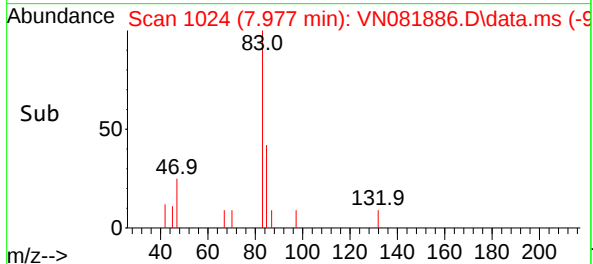
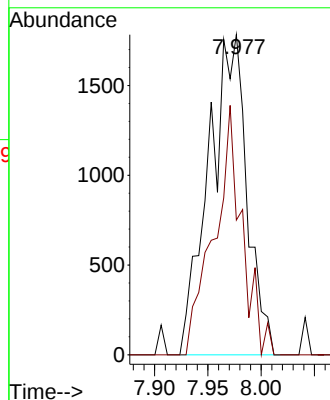
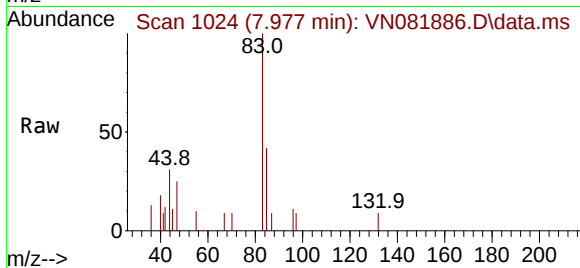
RMW-02B-14-042424

Tgt Ion: 83 Resp: 4441

Ion Ratio Lower Upper

83 100

85 42.1 50.7 76.1#



#33

1,2-Dichloroethane-d4

Concen: 43.805 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081886.D

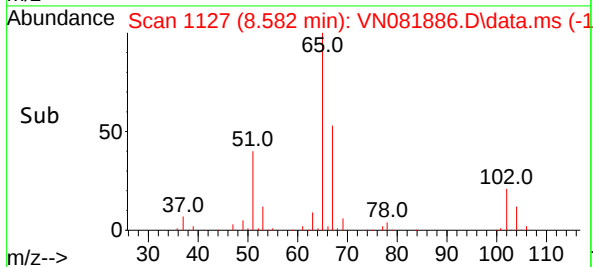
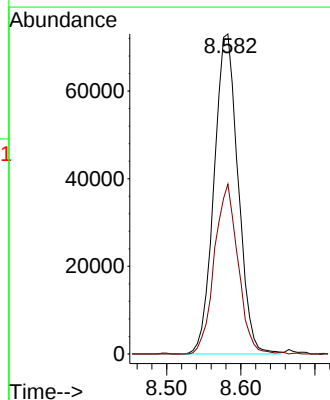
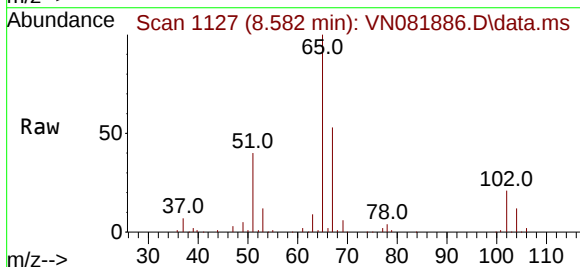
Acq: 26 Apr 2024 18:31

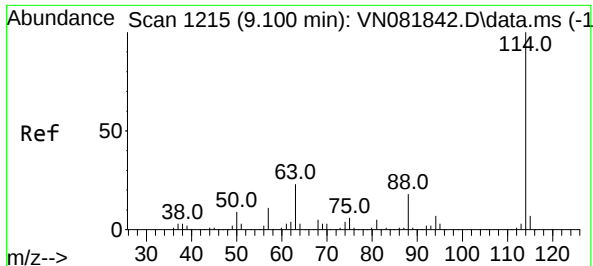
Tgt Ion: 65 Resp: 164662

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081886.D

Acq: 26 Apr 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

RMW-02B-14-042424

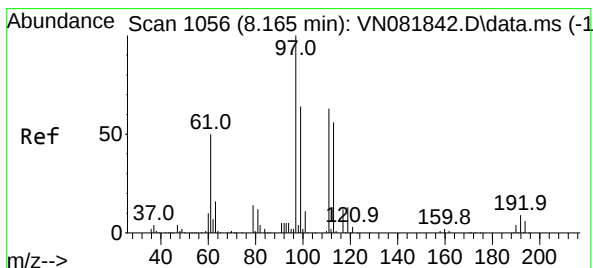
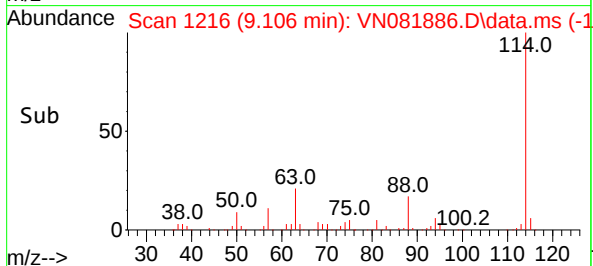
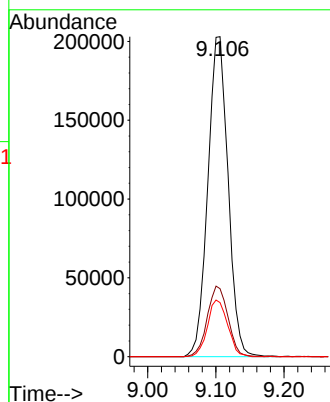
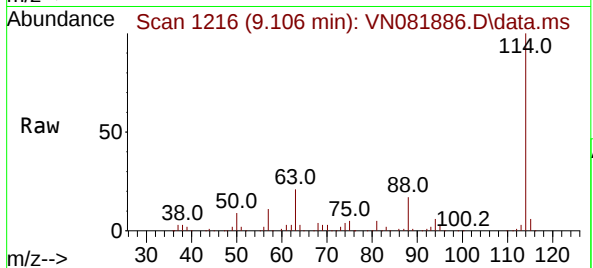
Tgt Ion:114 Resp: 419189

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.552 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081886.D

Acq: 26 Apr 2024 18:31

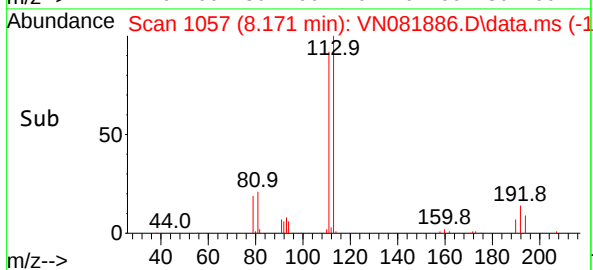
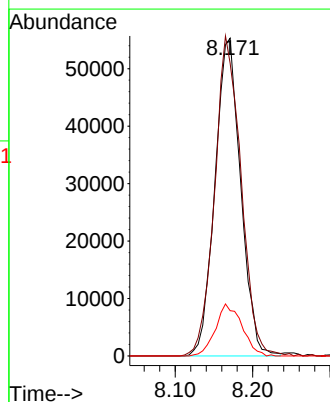
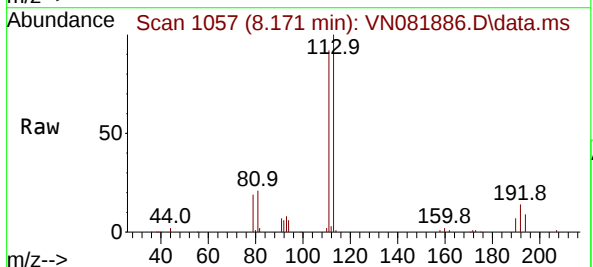
Tgt Ion:113 Resp: 127588

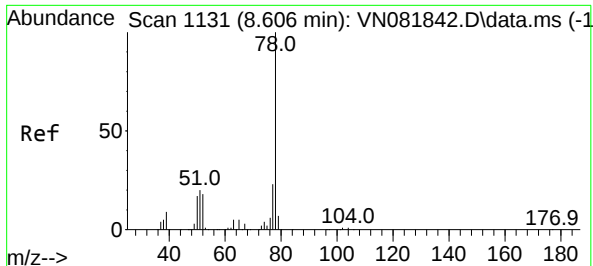
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 16.9 14.0 21.0

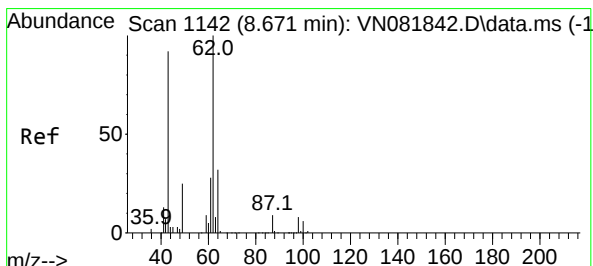
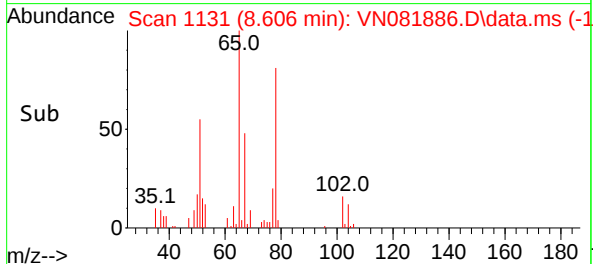
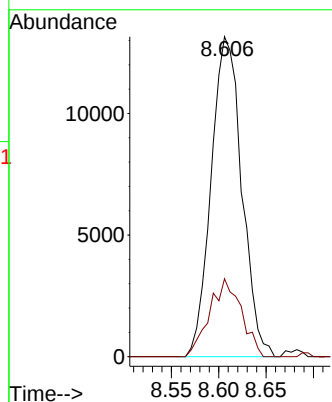
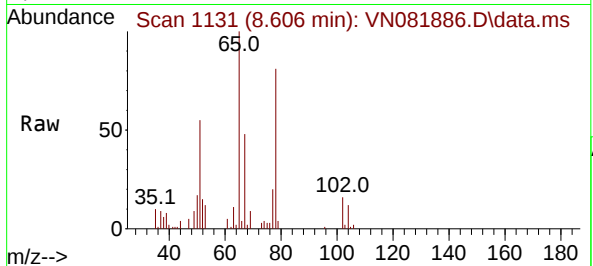




#40
Benzene
Concen: 2.403 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

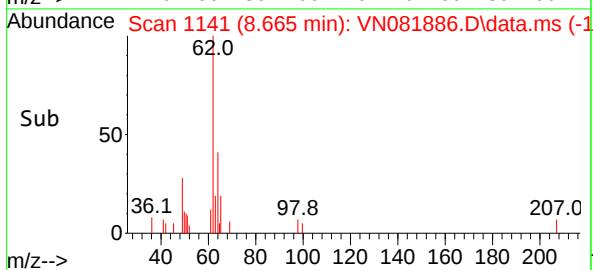
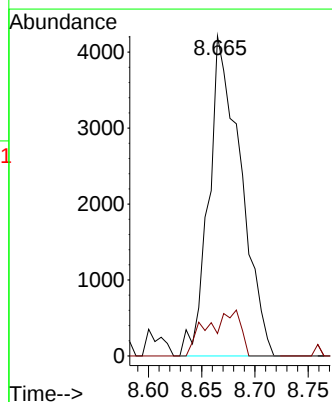
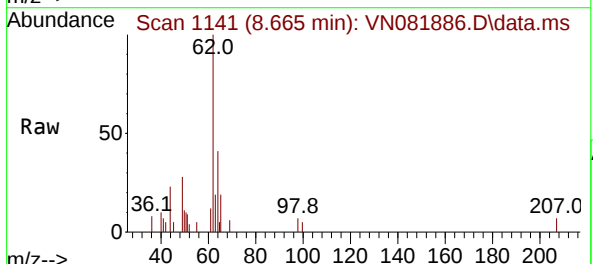
Instrument :
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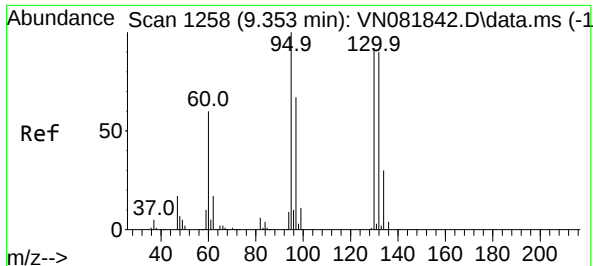
Tgt Ion: 78 Resp: 29620
Ion Ratio Lower Upper
78 100
77 24.3 20.0 30.0



#42
1,2-Dichloroethane
Concen: 1.927 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

Tgt Ion: 62 Resp: 8818
Ion Ratio Lower Upper
62 100
98 14.8 0.0 19.6

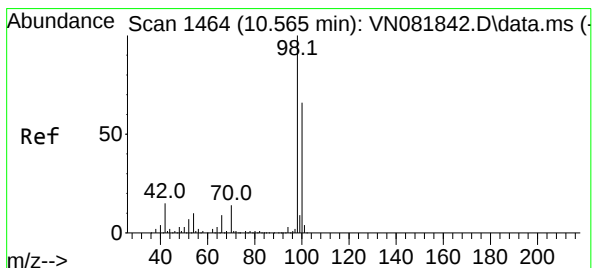
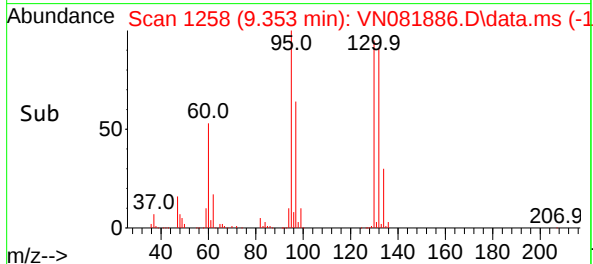
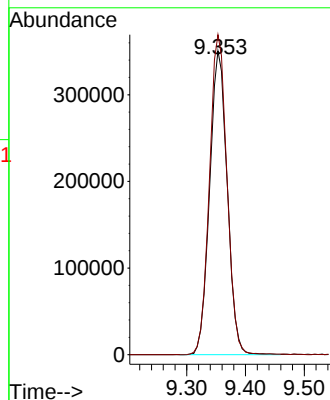
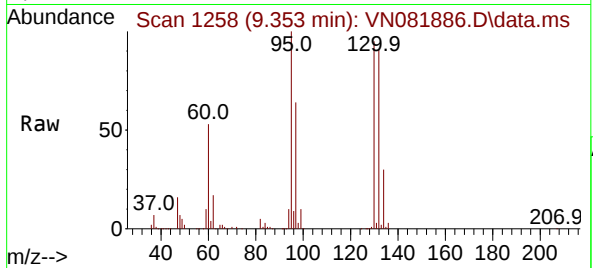




#44
Trichloroethene
Concen: 255.847 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

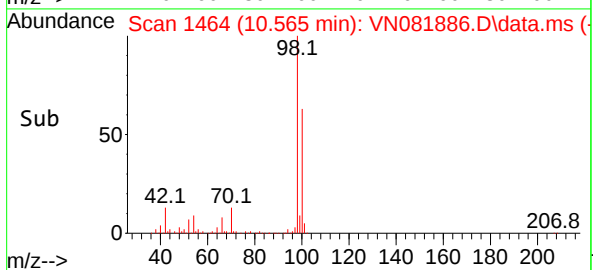
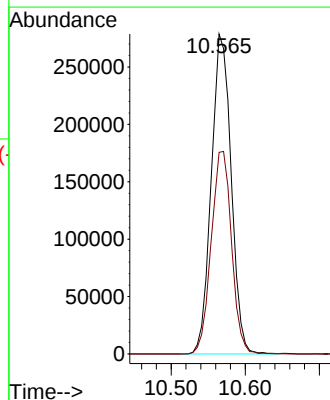
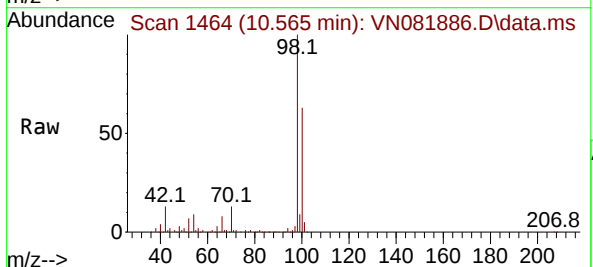
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-14-042424

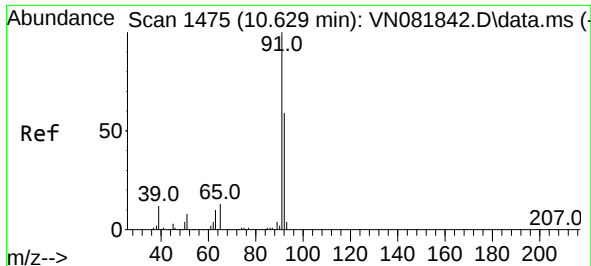
Tgt Ion:130 Resp: 727082
Ion Ratio Lower Upper
130 100
95 105.3 0.0 195.4



#50
Toluene-d8
Concen: 52.302 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

Tgt Ion: 98 Resp: 518432
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

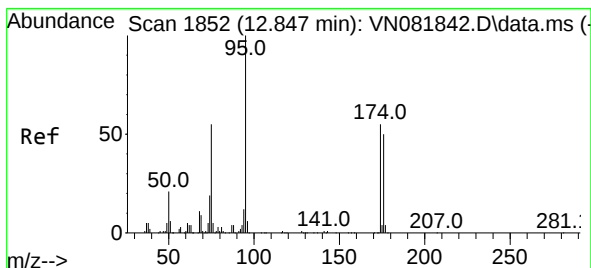
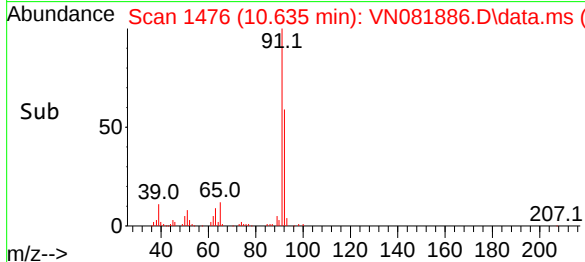
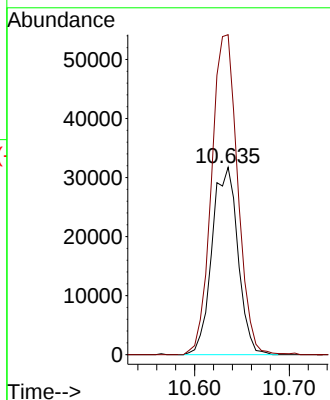
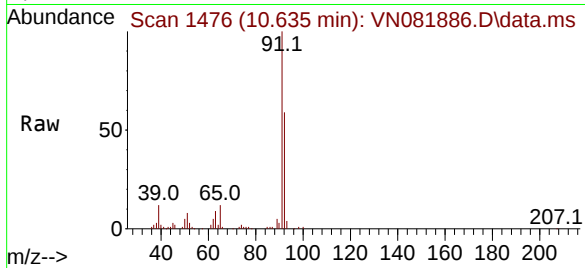




#52
Toluene
Concen: 8.173 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

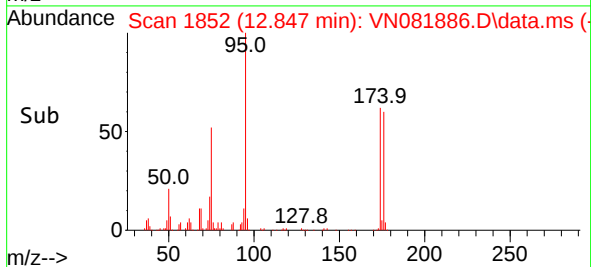
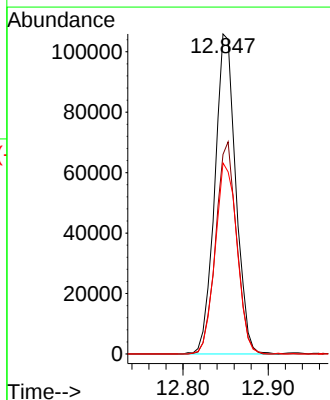
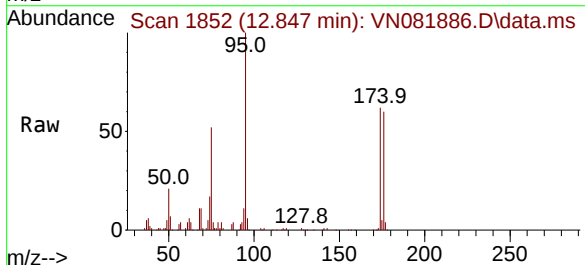
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-14-042424

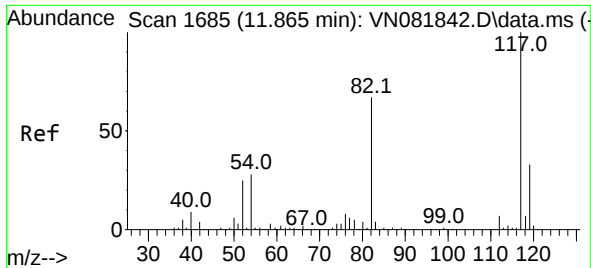
Tgt Ion: 92 Resp: 60333
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 46.196 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

Tgt Ion: 95 Resp: 181015
Ion Ratio Lower Upper
95 100
174 65.9 0.0 160.6
176 62.5 0.0 152.8

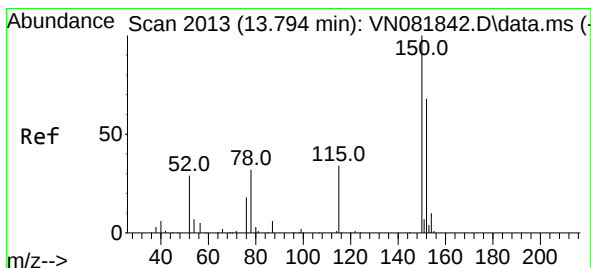
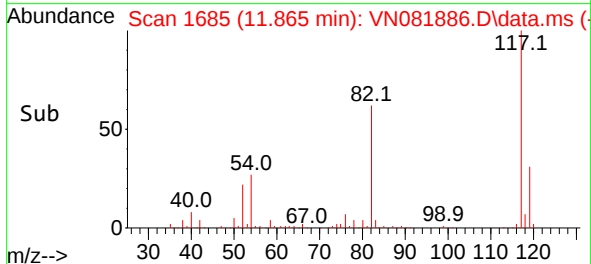
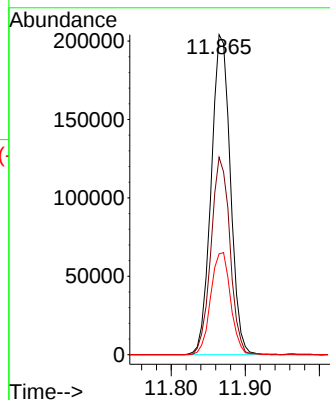
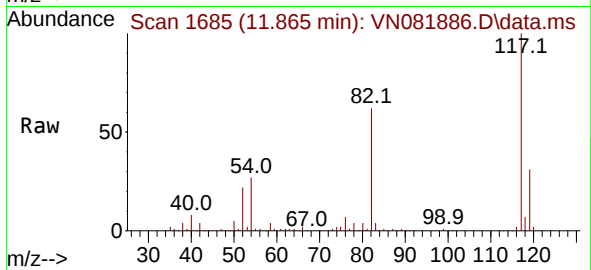




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-14-042424

Tgt Ion:117 Resp: 366469
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081886.D
Acq: 26 Apr 2024 18:31

Tgt Ion:152 Resp: 149528
Ion Ratio Lower Upper
152 100
115 62.7 30.4 91.3
150 155.1 0.0 353.2

