

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083444.D
 Acq On : 22 Aug 2024 18:33
 Operator : JC\MD
 Sample : P3669-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1027

Quant Time: Aug 23 01:43:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

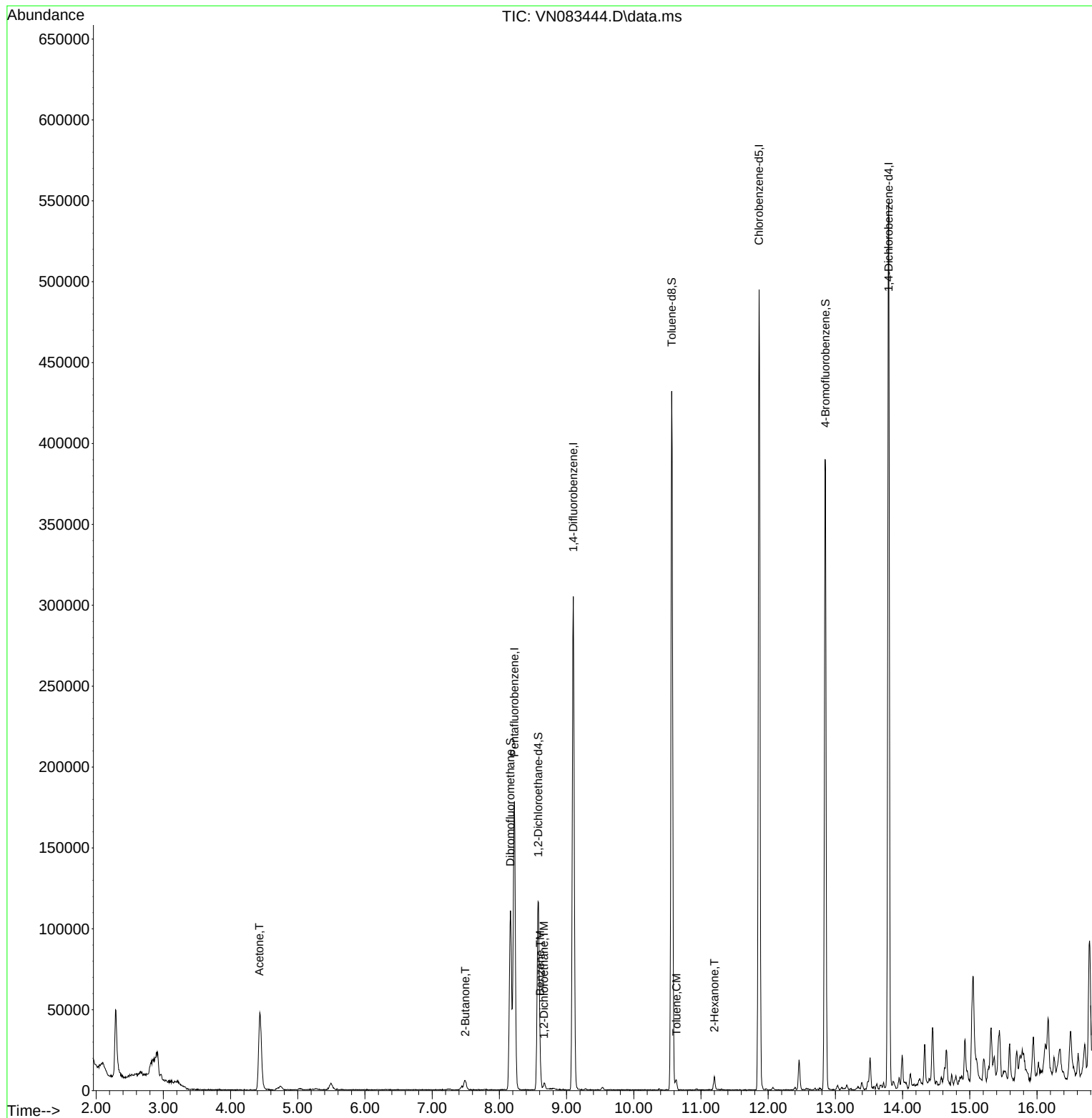
Internal Standards						
1) Pentafluorobenzene	8.224	168	122200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100179	57.595	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.180%
35) Dibromofluoromethane	8.165	113	78250	49.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	10.565	98	287746	49.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.853	95	138368	60.649	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.300%#
Target Compounds						
						Qvalue
16) Acetone	4.430	43	34172	50.208	ug/l	91
25) 2-Butanone	7.494	43	10666	10.206	ug/l	96
40) Benzene	8.606	78	9582	1.355	ug/l	94
42) 1,2-Dichloroethane	8.665	62	3700	1.437	ug/l	88
52) Toluene	10.635	92	2784	0.623	ug/l	91
59) 2-Hexanone	11.200	43	5681	2.922	ug/l	95

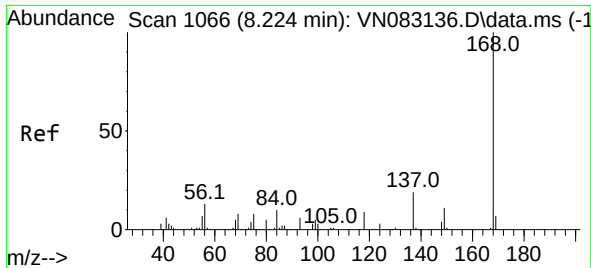
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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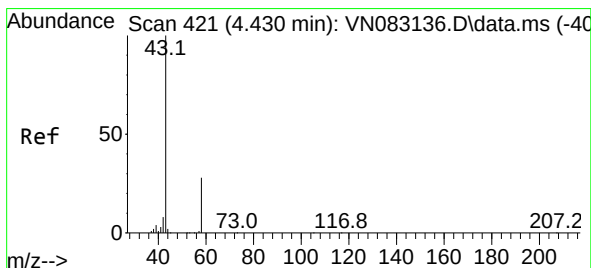
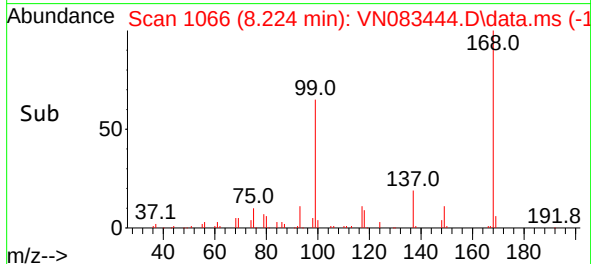
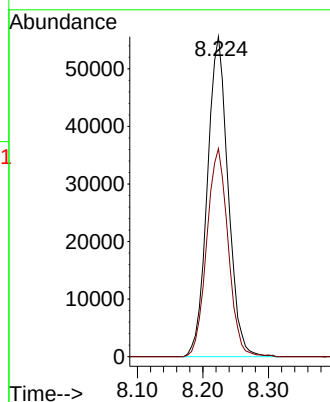
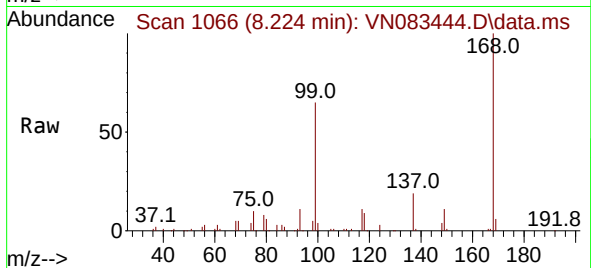




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

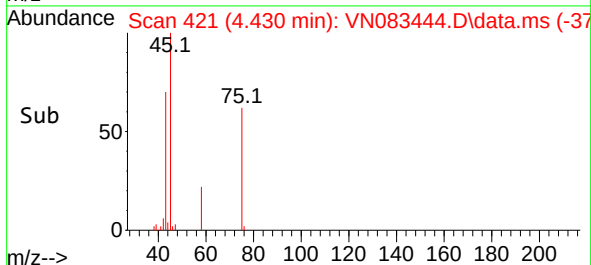
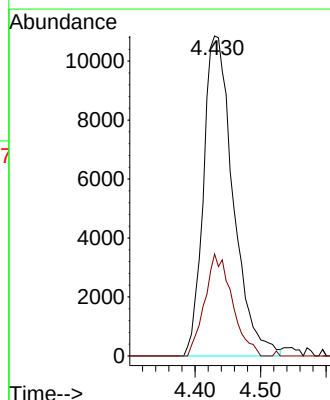
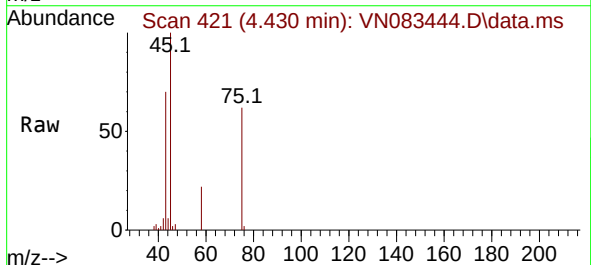
Instrument :
MSVOA_N
ClientSampleId :
1027

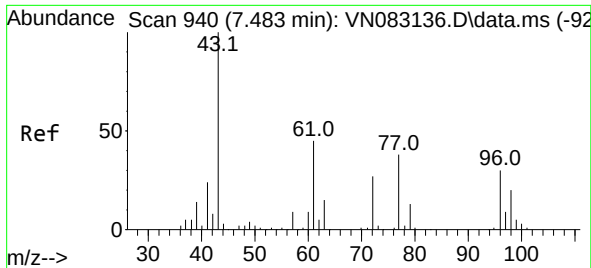
Tgt Ion:168 Resp: 122200
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#16
Acetone
Concen: 50.208 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

Tgt Ion: 43 Resp: 34172
Ion Ratio Lower Upper
43 100
58 31.9 21.8 32.6

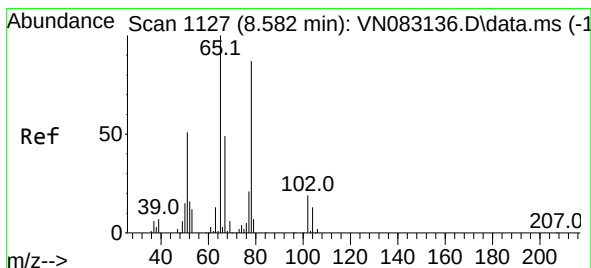
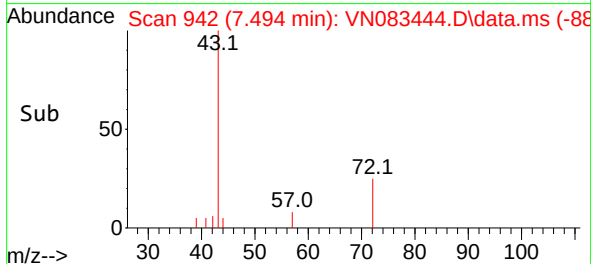
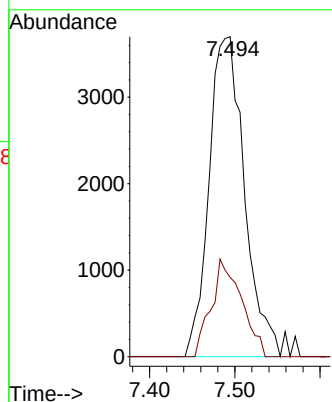
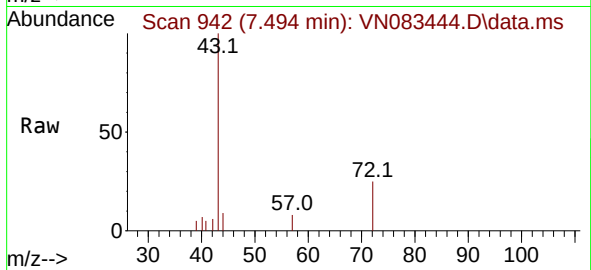




#25
2-Butanone
Concen: 10.206 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

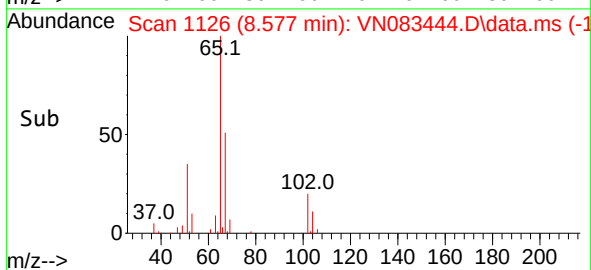
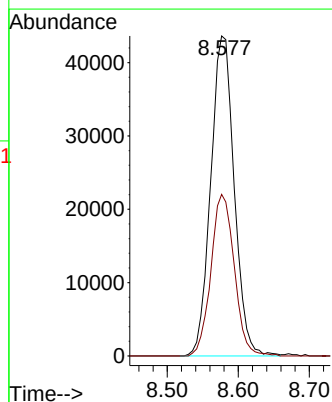
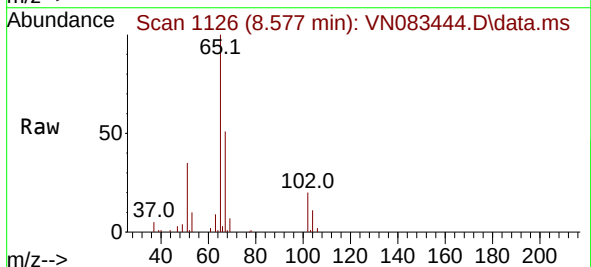
Instrument :
MSVOA_N
ClientSampleId :
1027

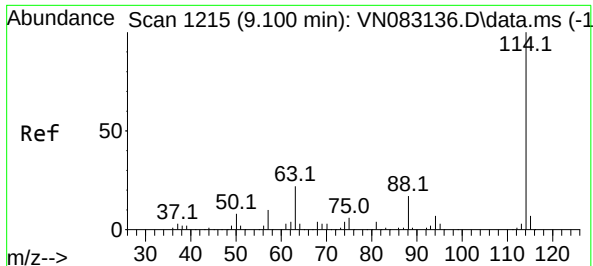
Tgt Ion: 43 Resp: 10666
Ion Ratio Lower Upper
43 100
72 24.8 18.2 27.2



#33
1,2-Dichloroethane-d4
Concen: 57.595 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

Tgt Ion: 65 Resp: 100179
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083444.D

Acq: 22 Aug 2024 18:33

Instrument :

MSVOA_N

ClientSampleId :

1027

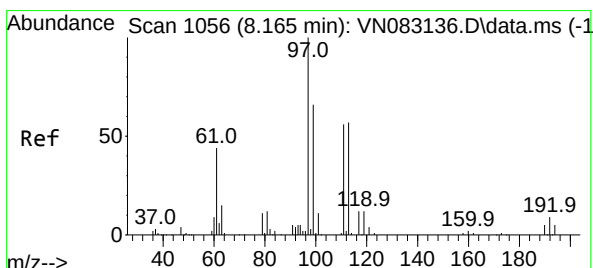
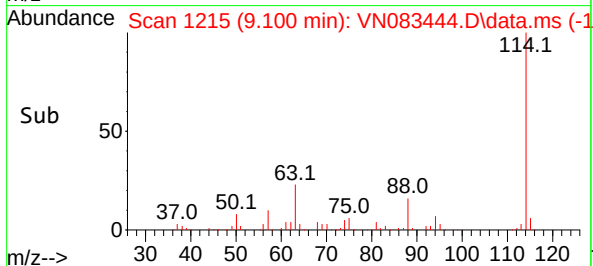
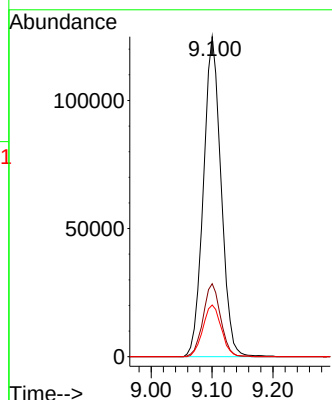
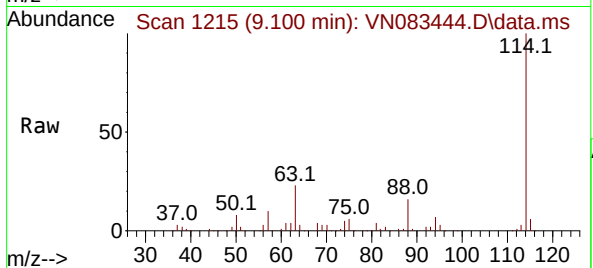
Tgt Ion:114 Resp: 251340

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.879 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083444.D

Acq: 22 Aug 2024 18:33

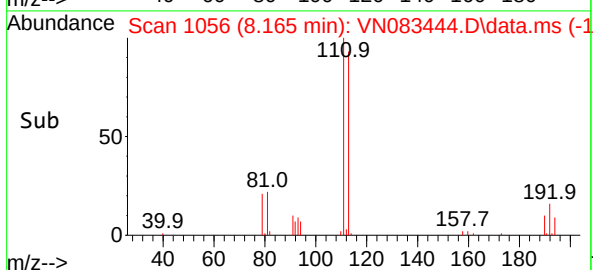
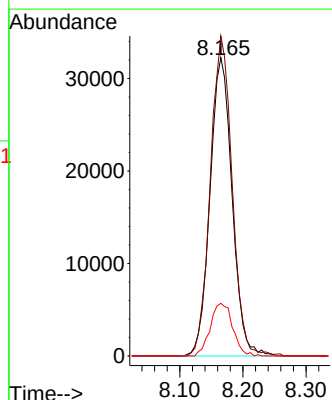
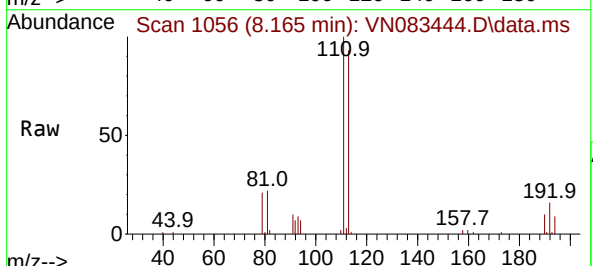
Tgt Ion:113 Resp: 78250

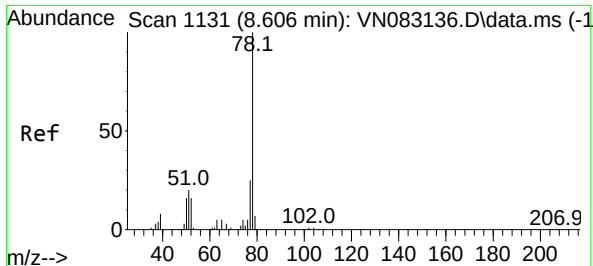
Ion Ratio Lower Upper

113 100

111 105.8 82.4 123.6

192 17.9 14.9 22.3





#40

Benzene

Concen: 1.355 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083444.D

Acq: 22 Aug 2024 18:33

Instrument :

MSVOA_N

ClientSampleId :

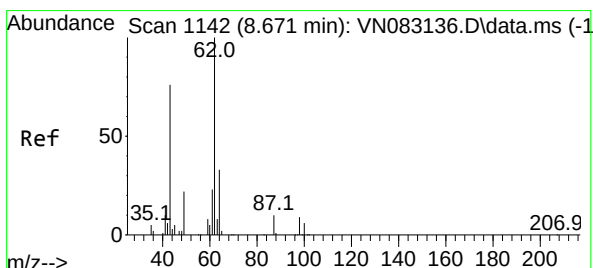
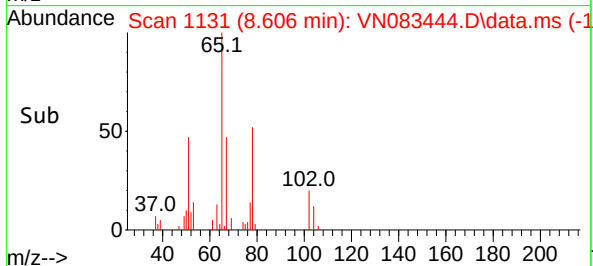
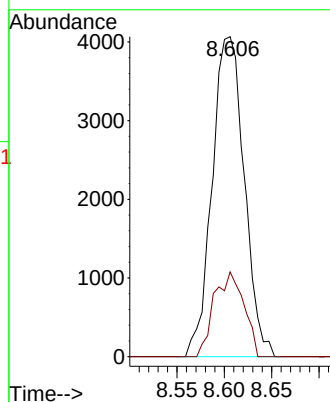
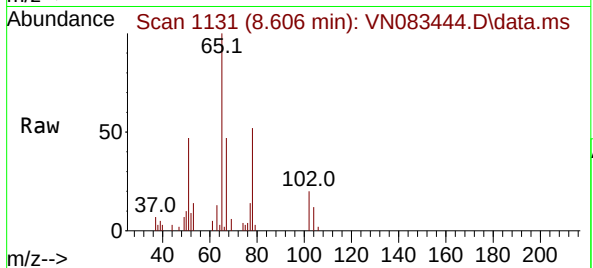
1027

Tgt Ion: 78 Resp: 9582

Ion Ratio Lower Upper

78 100

77 26.5 19.0 28.4



#42

1,2-Dichloroethane

Concen: 1.437 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN083444.D

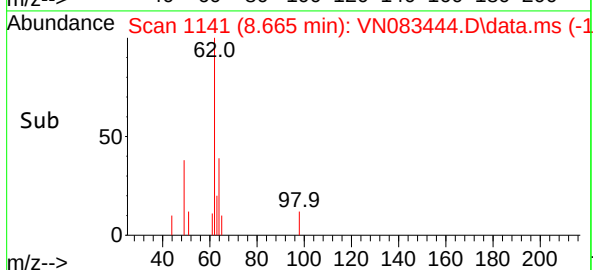
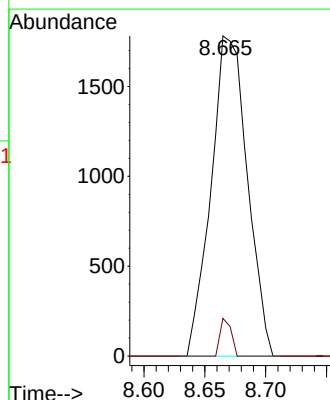
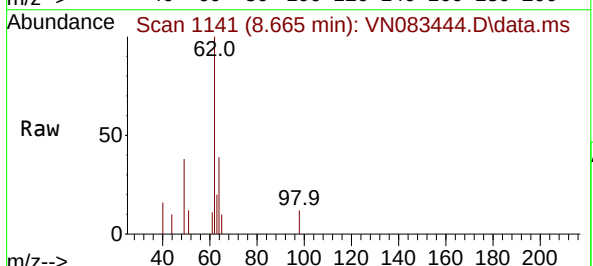
Acq: 22 Aug 2024 18:33

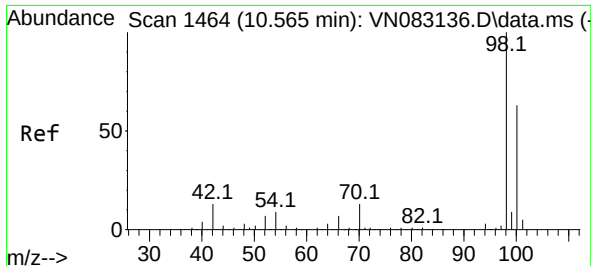
Tgt Ion: 62 Resp: 3700

Ion Ratio Lower Upper

62 100

98 3.6 0.0 15.8

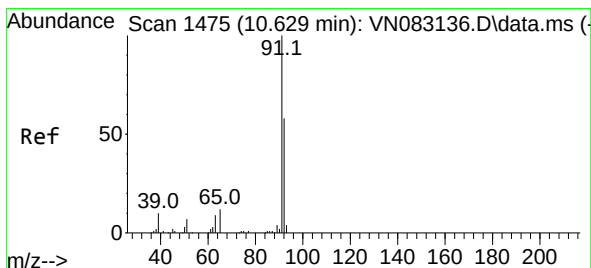
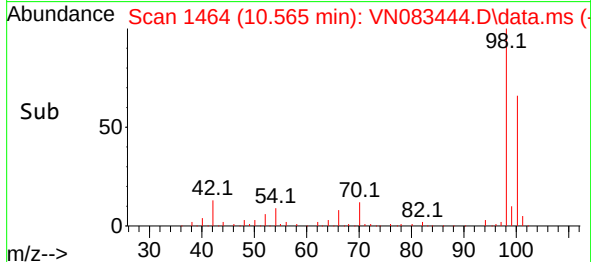
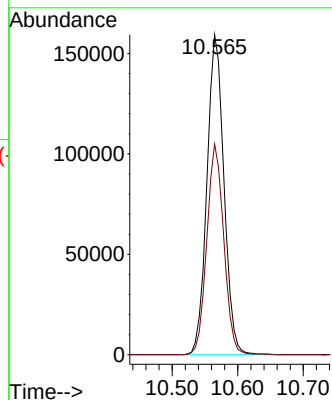
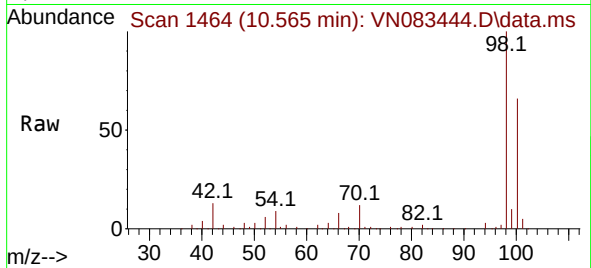




#50
Toluene-d8
Concen: 49.170 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

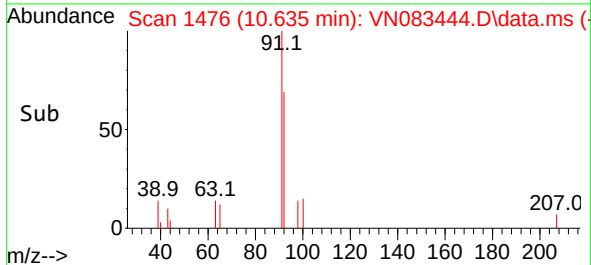
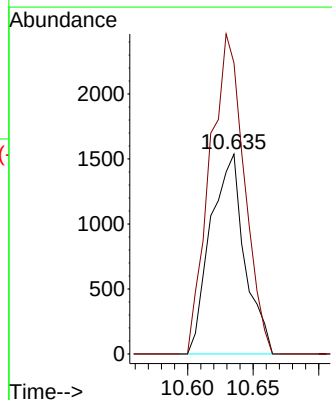
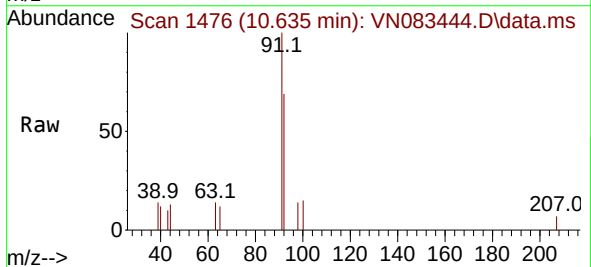
Instrument :
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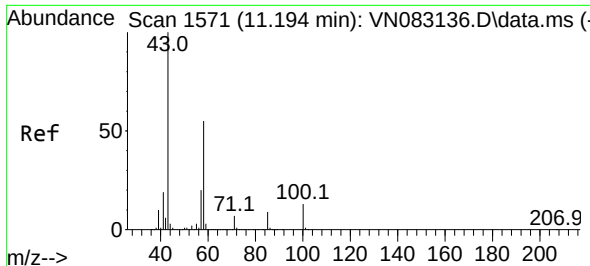
Tgt Ion: 98 Resp: 287746
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#52
Toluene
Concen: 0.623 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

Tgt Ion: 92 Resp: 2784
Ion Ratio Lower Upper
92 100
91 161.7 139.4 209.0

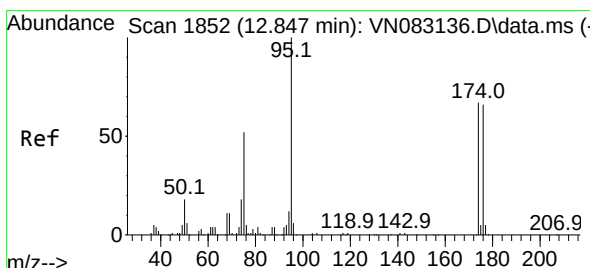
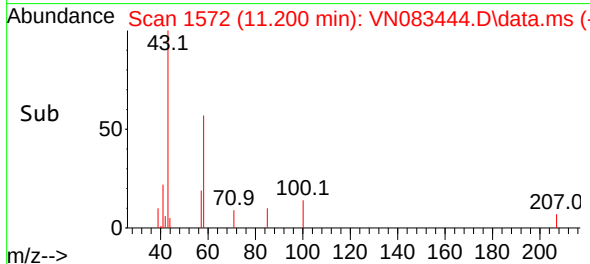
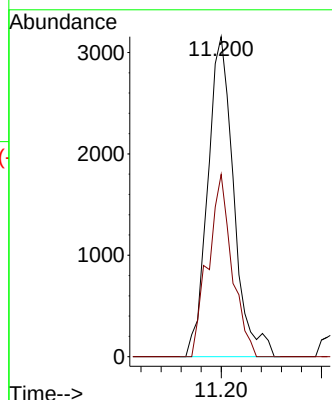
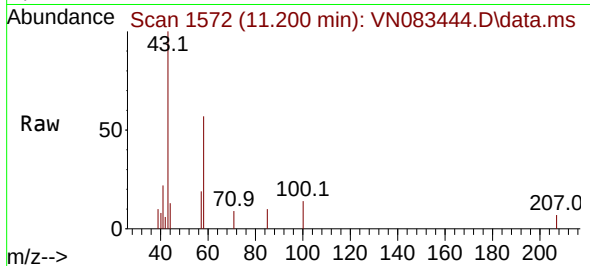




#59
2-Hexanone
Concen: 2.922 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

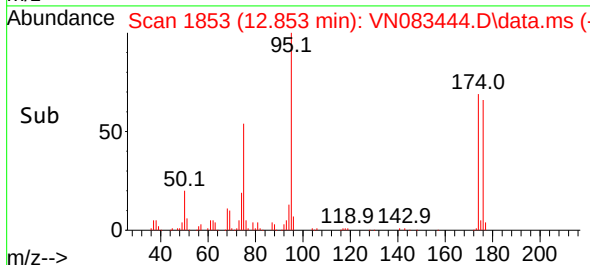
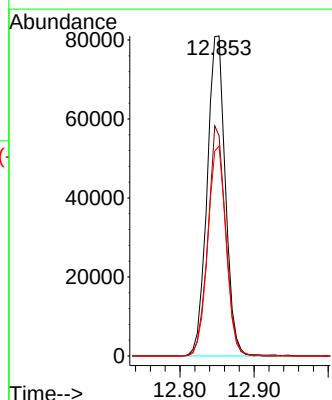
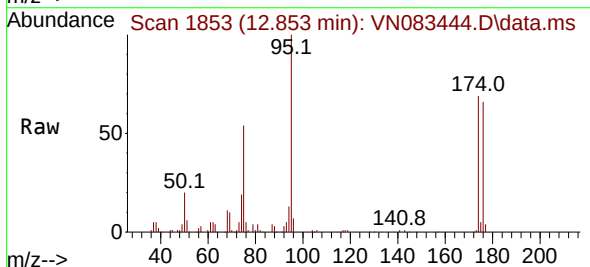
Instrument :
MSVOA_N
ClientSampleId :
1027

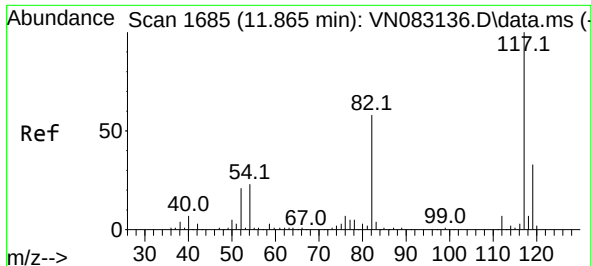
Tgt Ion: 43 Resp: 5681
Ion Ratio Lower Upper
43 100
58 52.4 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 60.649 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

Tgt Ion: 95 Resp: 138368
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 65.9 0.0 147.6

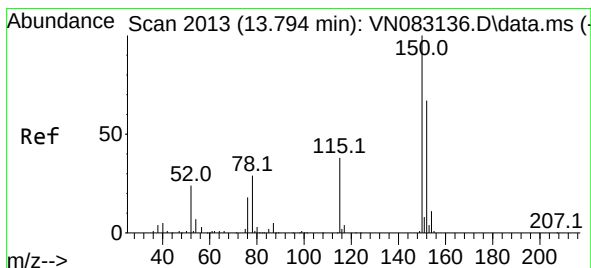
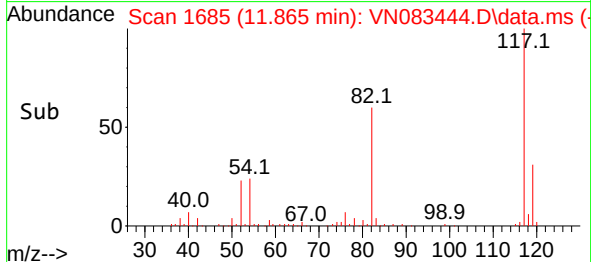
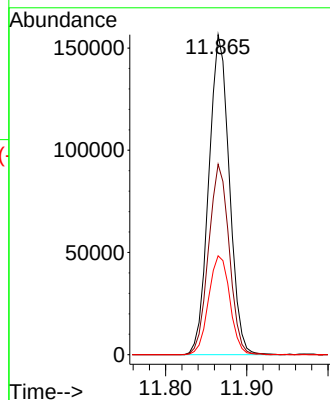
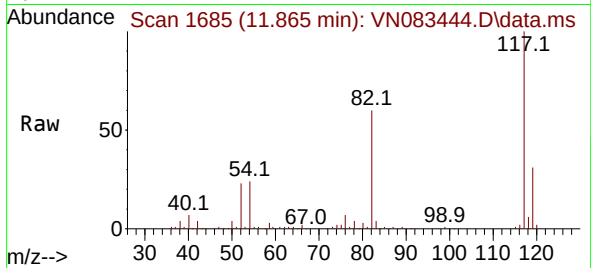




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

Instrument :
MSVOA_N
ClientSampleId :
1027

Tgt Ion:117 Resp: 274707
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083444.D
Acq: 22 Aug 2024 18:33

Tgt Ion:152 Resp: 142863
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 156.2 0.0 348.6

