

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083362.D
 Acq On : 16 Aug 2024 18:29
 Operator : JC\MD
 Sample : P3629-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Aug 17 02:55:46 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)

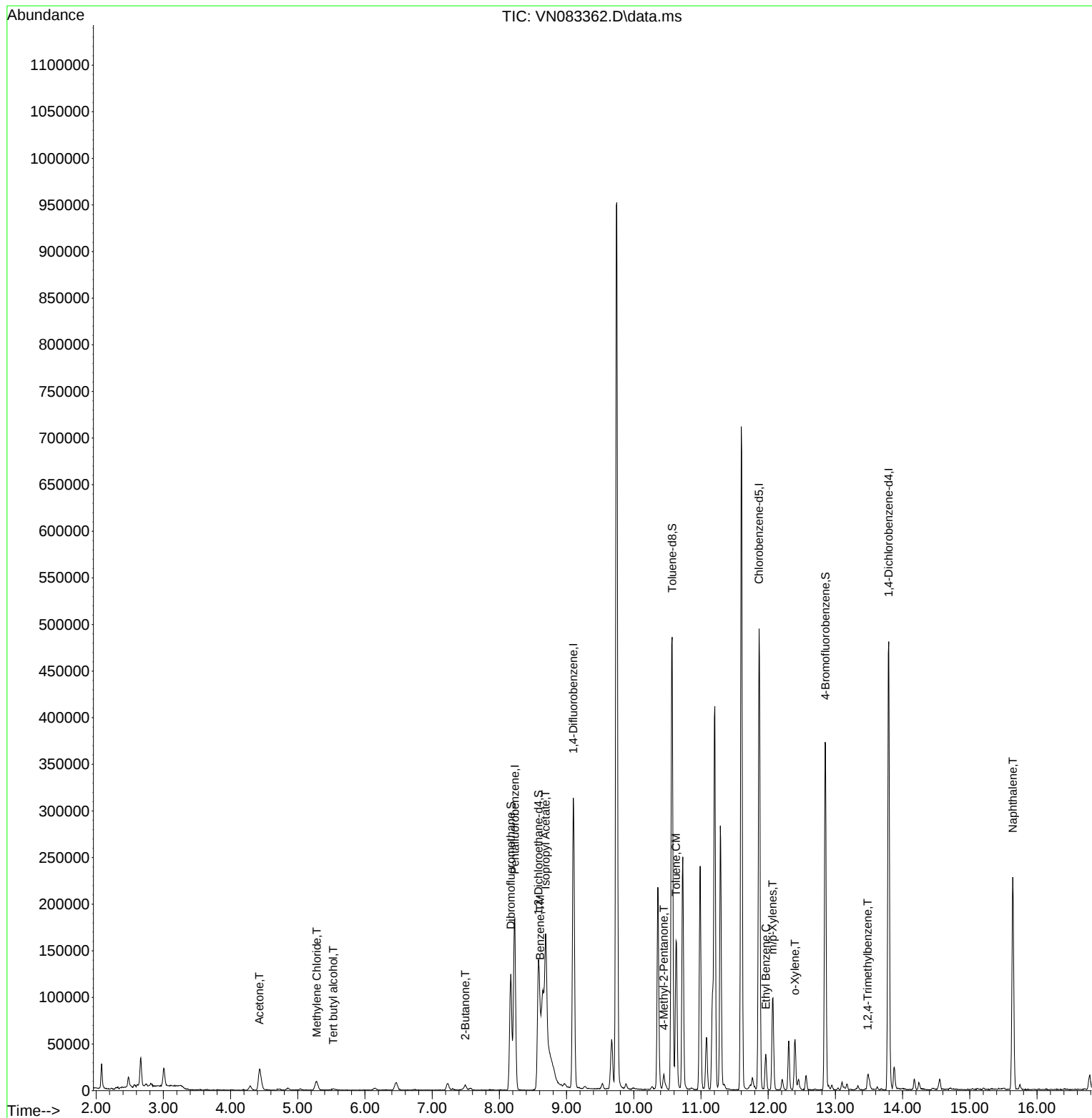
Internal Standards						
1) Pentafluorobenzene	8.230	168	127510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109143	60.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.280%	
35) Dibromofluoromethane	8.171	113	87666	53.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.660%	
50) Toluene-d8	10.571	98	332318	54.699	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.400%	
62) 4-Bromofluorobenzene	12.853	95	135656	57.275	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	2278	6.040	ug/l #	77
16) Acetone	4.430	43	44818	63.107	ug/l	96
20) Methylene Chloride	5.283	84	7145	4.371	ug/l	94
25) 2-Butanone	7.494	43	9690	8.886	ug/l #	84
40) Benzene	8.606	78	57892	7.888	ug/l	99
43) Isopropyl Acetate	8.688	43	361771	78.066	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	14314	5.487	ug/l	89
52) Toluene	10.629	92	70391	15.179	ug/l	98
67) Ethyl Benzene	11.965	91	21023	1.880	ug/l	95
68) m/p-Xylenes	12.065	106	30204	7.212	ug/l	92
69) o-Xylene	12.400	106	14182	3.433	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	11864	1.320	ug/l	83
95) Naphthalene	15.641	128	203501	23.805	ug/l	99

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

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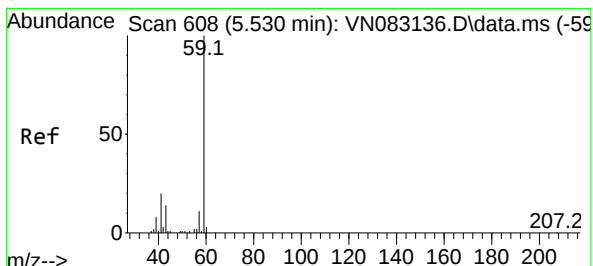
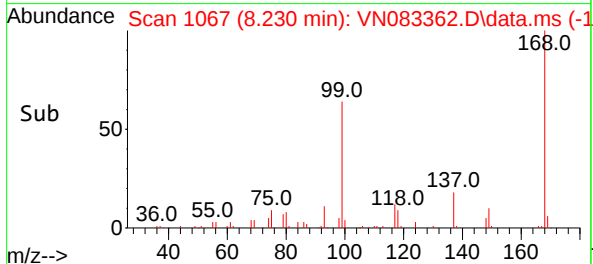
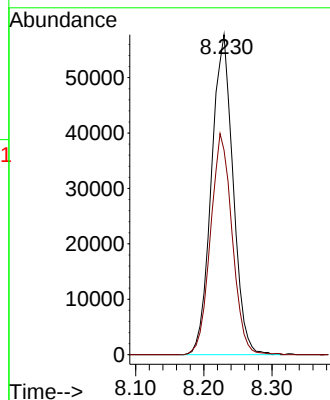
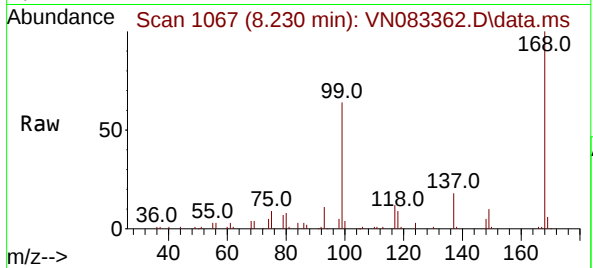




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

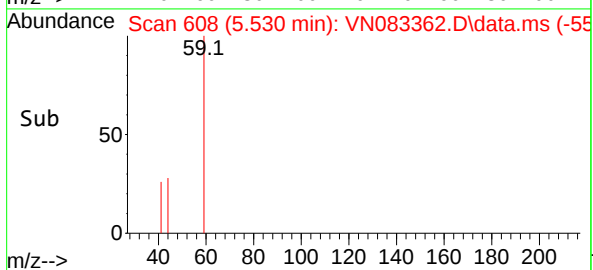
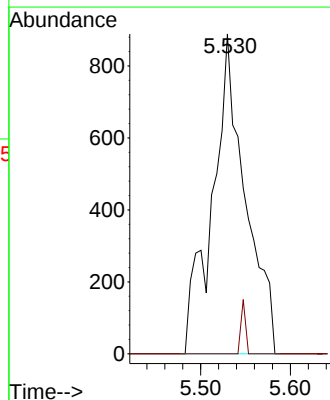
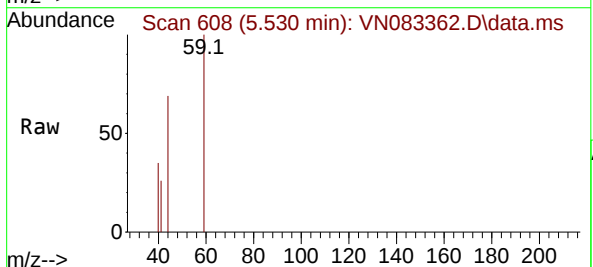
Instrument :
MSVOA_N
ClientSampleId :
SB-1

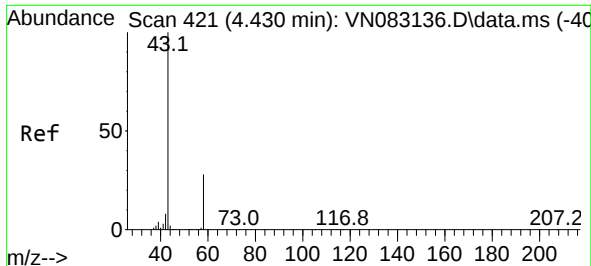
Tgt Ion:168 Resp: 127510
Ion Ratio Lower Upper
168 100
99 63.9 48.2 72.4



#11
Tert butyl alcohol
Concen: 6.040 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

Tgt Ion: 59 Resp: 2278
Ion Ratio Lower Upper
59 100
57 2.3 8.9 13.3#

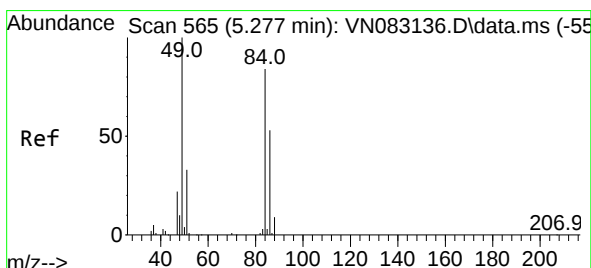
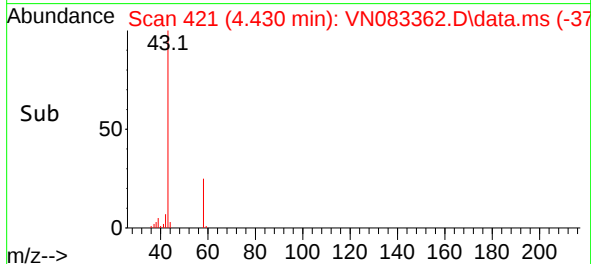
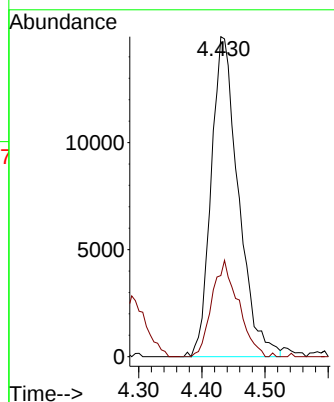
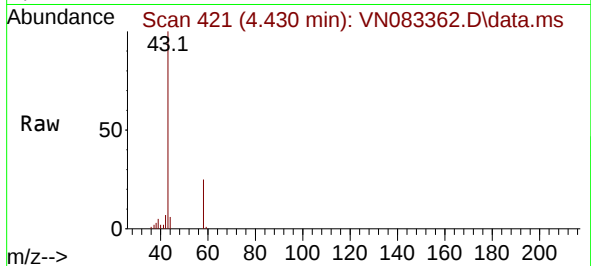




#16
Acetone
Concen: 63.107 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

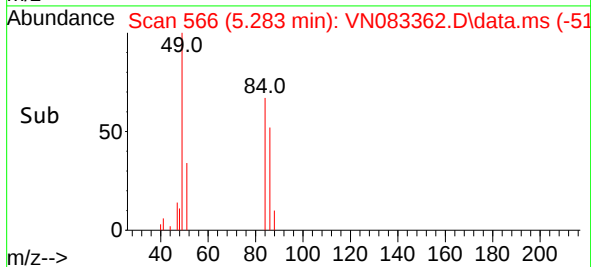
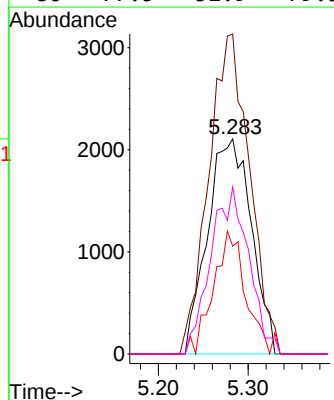
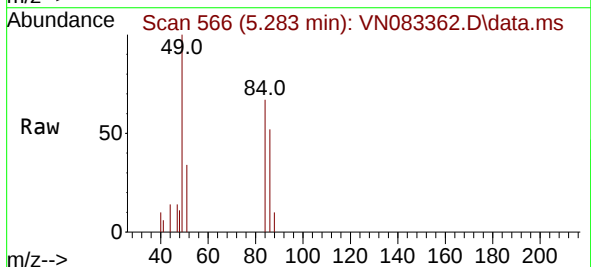
Instrument :
MSVOA_N
ClientSampleId :
SB-1

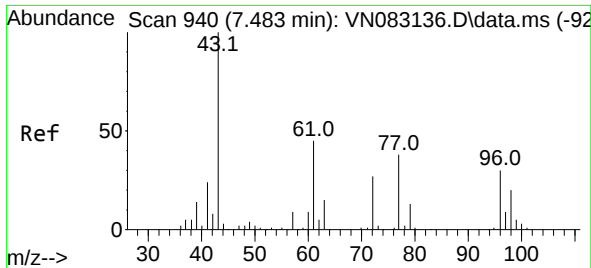
Tgt Ion: 43 Resp: 44818
Ion Ratio Lower Upper
43 100
58 25.4 21.8 32.6



#20
Methylene Chloride
Concen: 4.371 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

Tgt Ion: 84 Resp: 7145
Ion Ratio Lower Upper
84 100
49 148.8 119.6 179.4
51 50.1 34.8 52.2
86 77.5 52.9 79.3

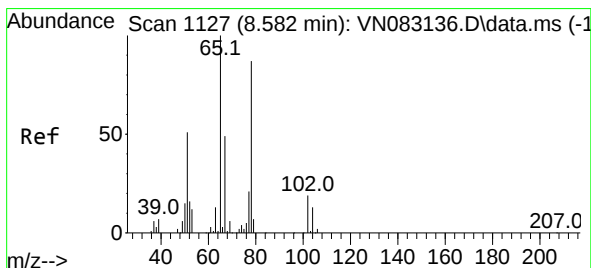
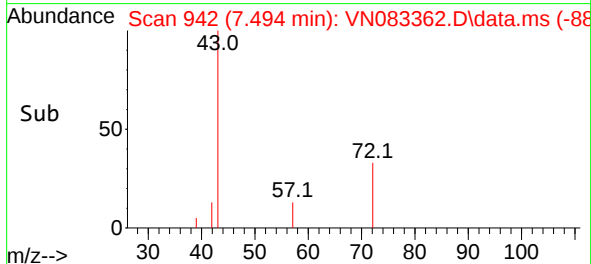
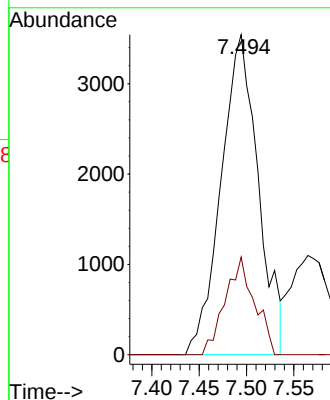
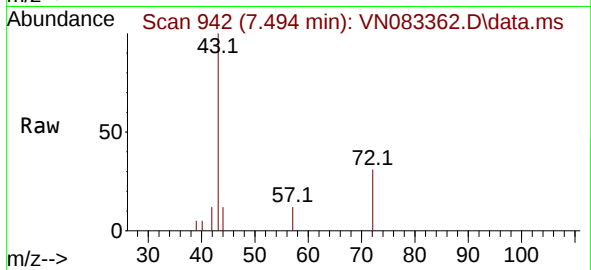




#25
2-Butanone
Concen: 8.886 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

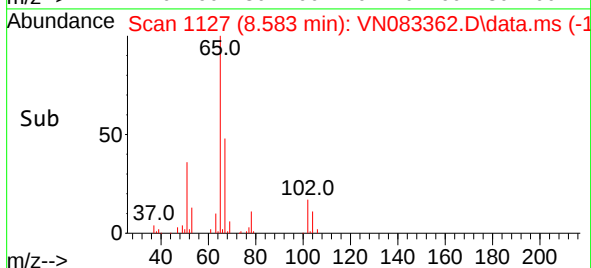
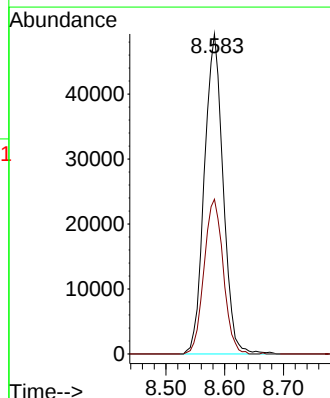
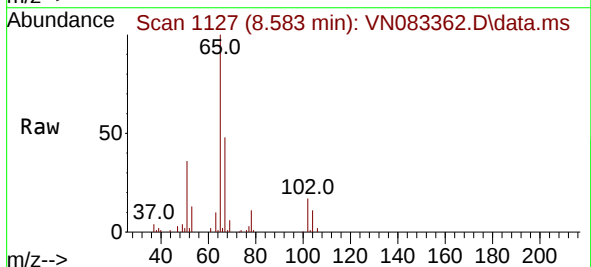
Instrument :
MSVOA_N
ClientSampleId :
SB-1

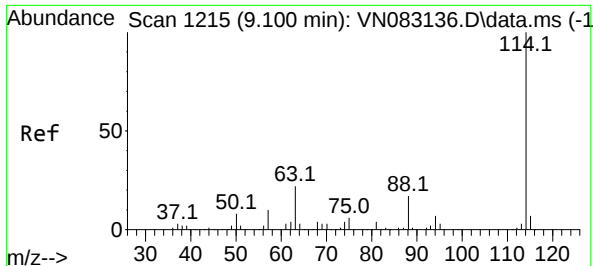
Tgt Ion: 43 Resp: 9690
Ion Ratio Lower Upper
43 100
72 30.5 18.2 27.2#



#33
1,2-Dichloroethane-d4
Concen: 60.135 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

Tgt Ion: 65 Resp: 109143
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.4

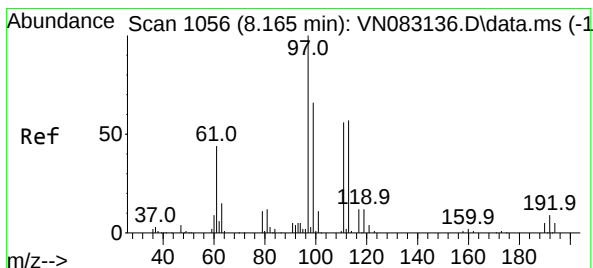
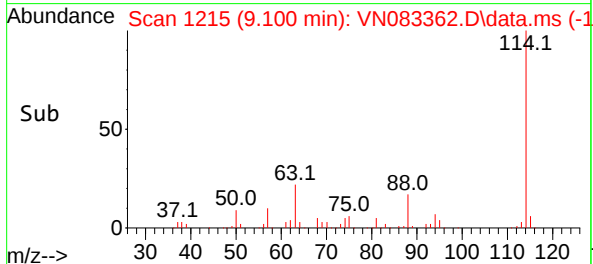
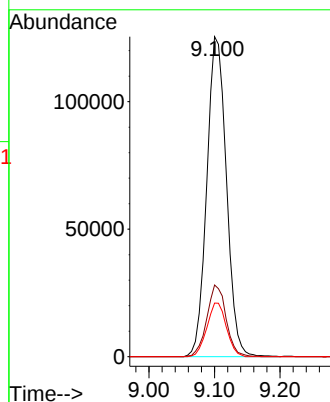
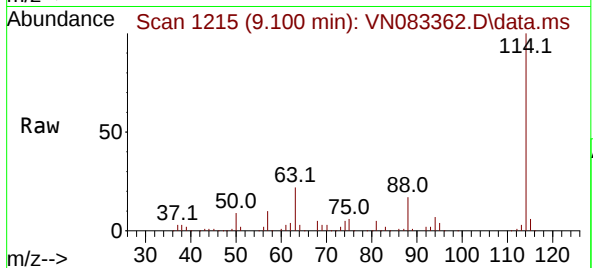




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

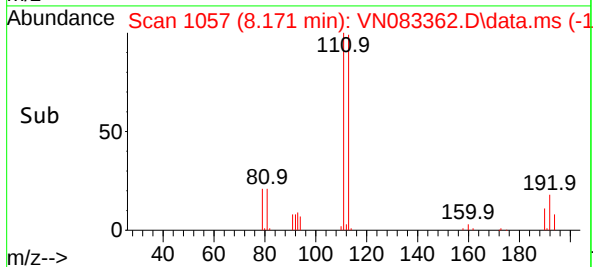
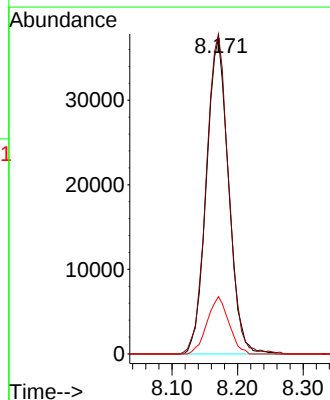
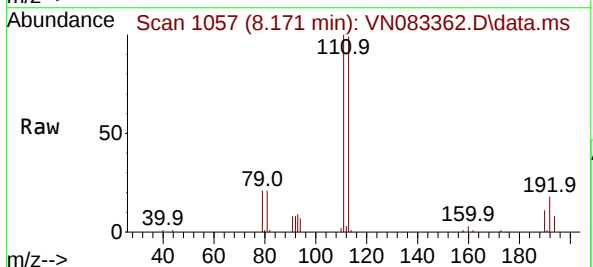
Instrument :
MSVOA_N
ClientSampleId :
SB-1

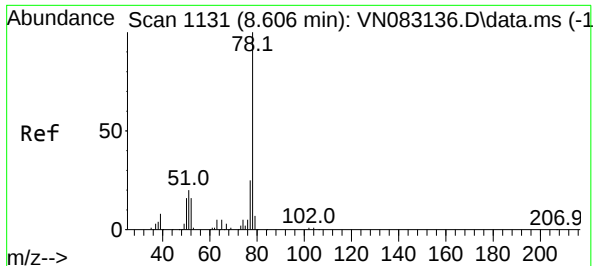
Tgt Ion:114 Resp: 260931
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.6
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.827 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

Tgt Ion:113 Resp: 87666
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.7 14.9 22.3





#40

Benzene

Concen: 7.888 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083362.D

Acq: 16 Aug 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

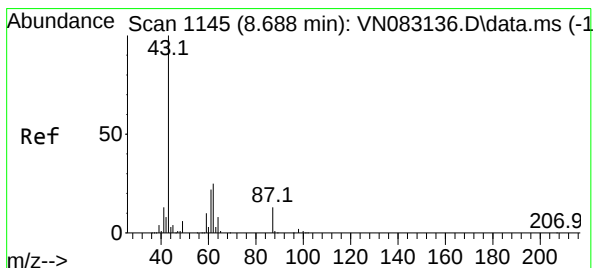
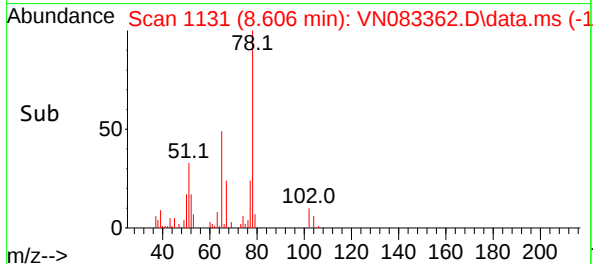
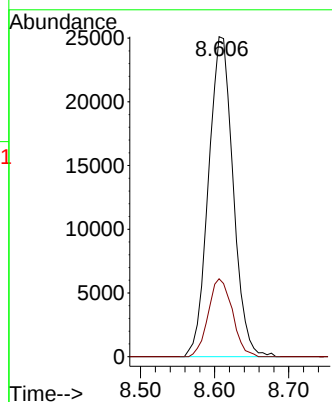
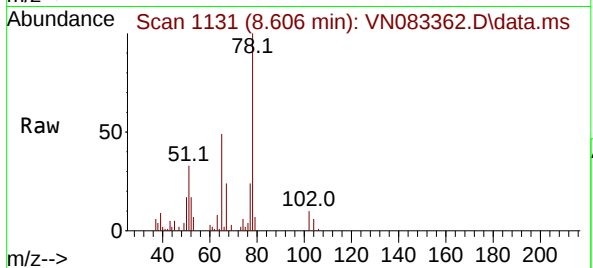
SB-1

Tgt Ion: 78 Resp: 57892

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



#43

Isopropyl Acetate

Concen: 78.066 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083362.D

Acq: 16 Aug 2024 18:29

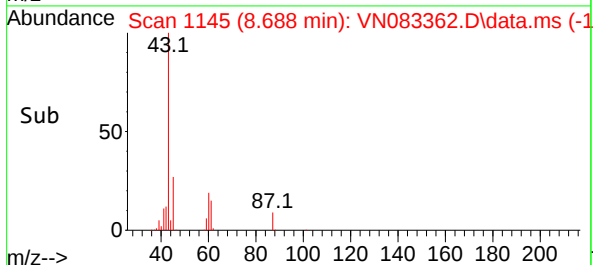
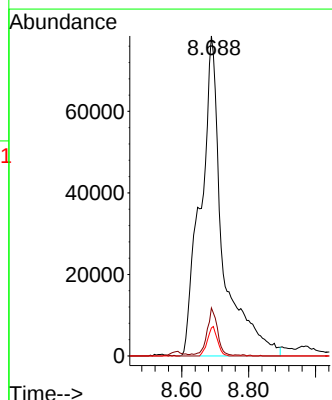
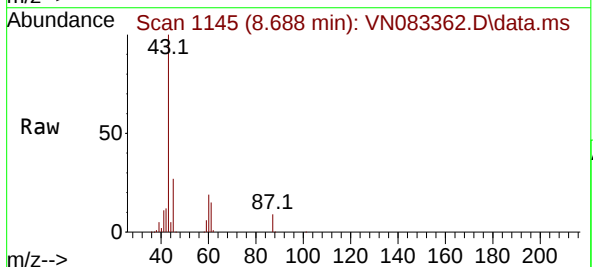
Tgt Ion: 43 Resp: 361771

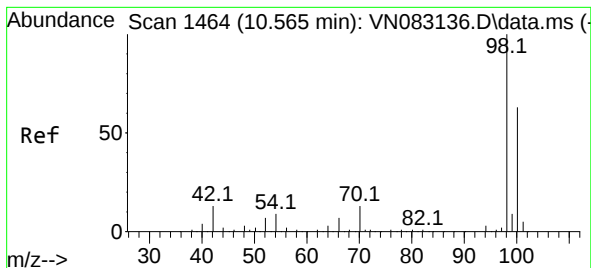
Ion Ratio Lower Upper

43 100

61 6.9 17.8 26.6#

87 4.1 8.2 12.2#





#50

Toluene-d8

Concen: 54.699 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083362.D

Acq: 16 Aug 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

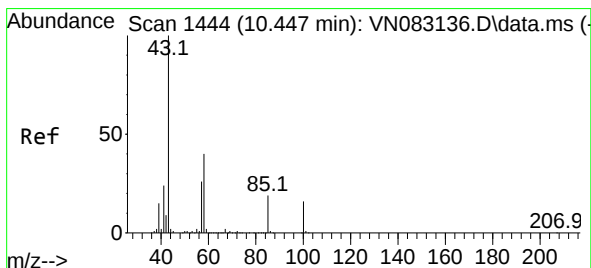
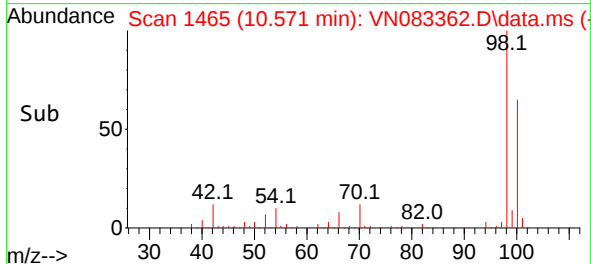
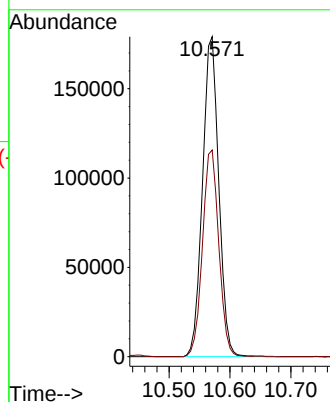
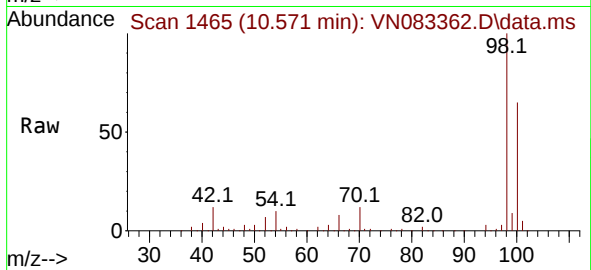
SB-1

Tgt Ion: 98 Resp: 332318

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 5.487 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN083362.D

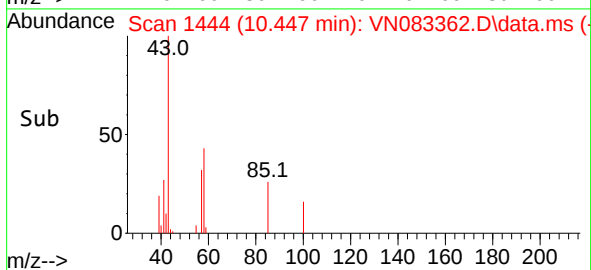
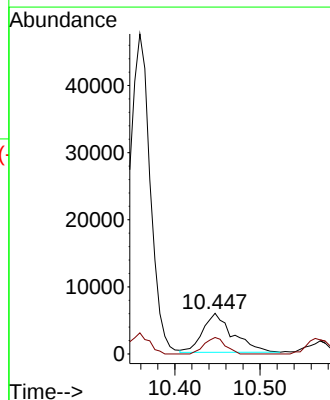
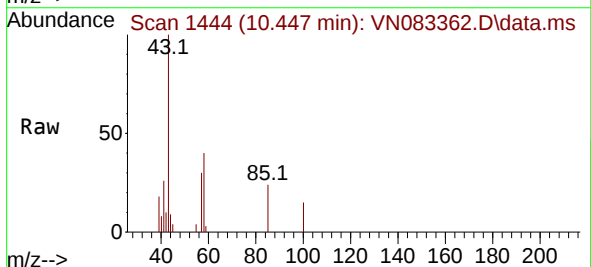
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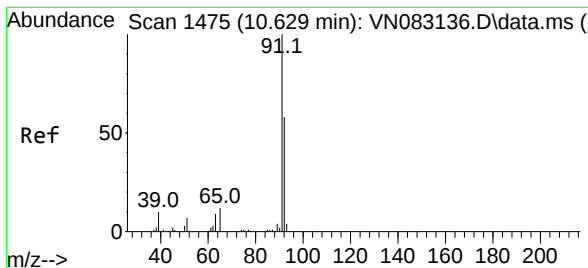
Tgt Ion: 43 Resp: 14314

Ion Ratio Lower Upper

43 100

58 29.1 28.2 42.4





#52

Toluene

Concen: 15.179 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN083362.D

Acq: 16 Aug 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

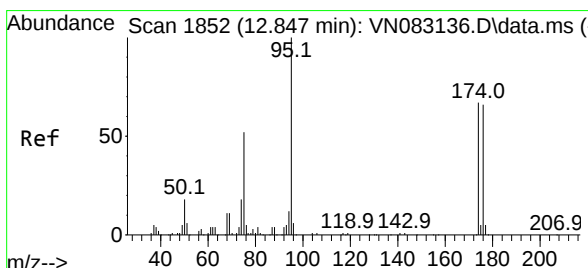
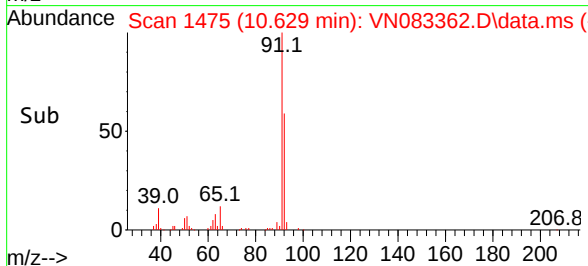
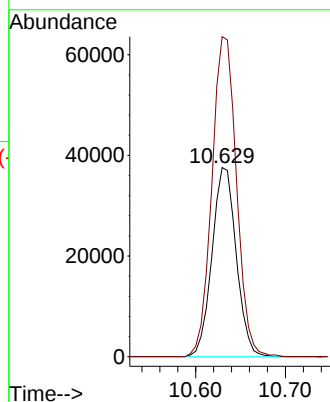
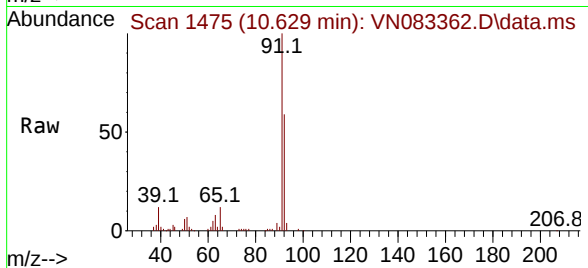
SB-1

Tgt Ion: 92 Resp: 70391

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 57.275 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083362.D

Acq: 16 Aug 2024 18:29

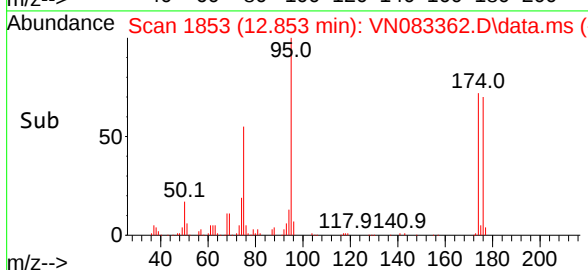
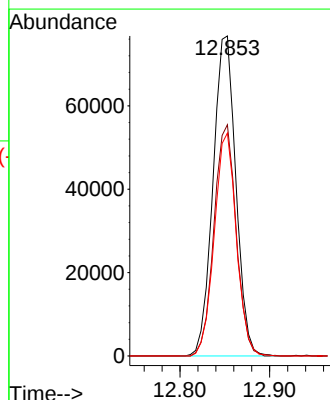
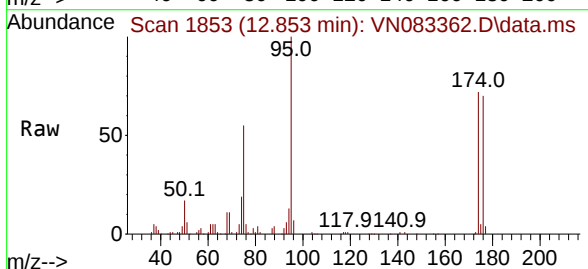
Tgt Ion: 95 Resp: 135656

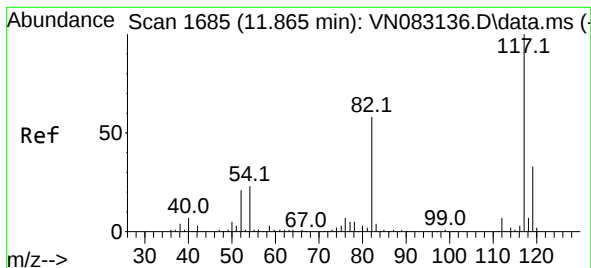
Ion Ratio Lower Upper

95 100

174 70.3 0.0 159.2

176 67.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083362.D

Acq: 16 Aug 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

SB-1

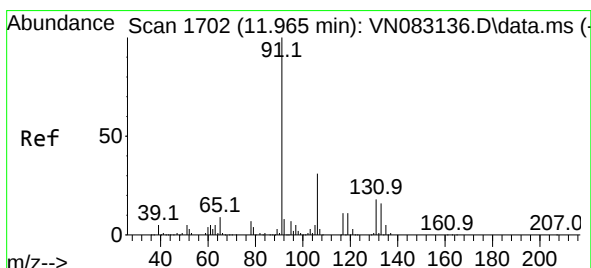
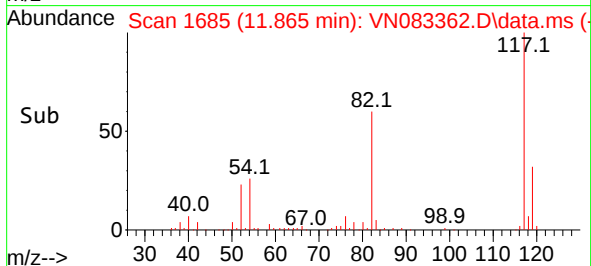
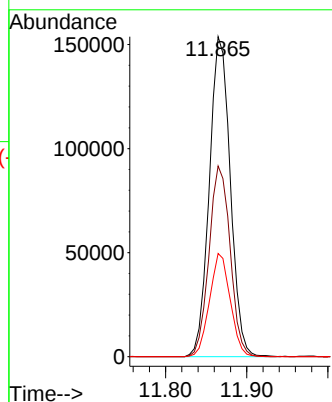
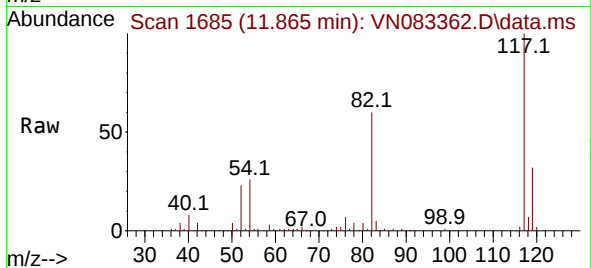
Tgt Ion:117 Resp: 275793

Ion Ratio Lower Upper

117 100

82 59.6 47.5 71.3

119 32.2 25.6 38.4



#67

Ethyl Benzene

Concen: 1.880 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083362.D

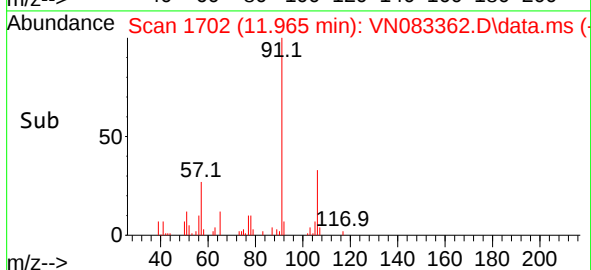
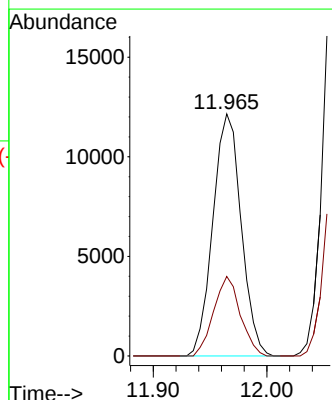
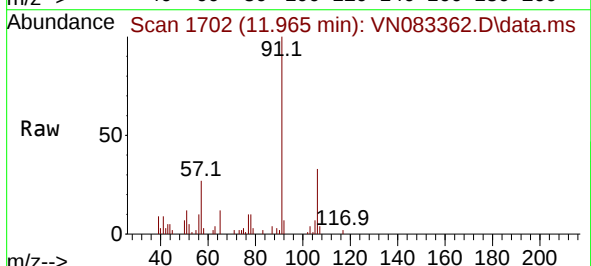
Acq: 16 Aug 2024 18:29

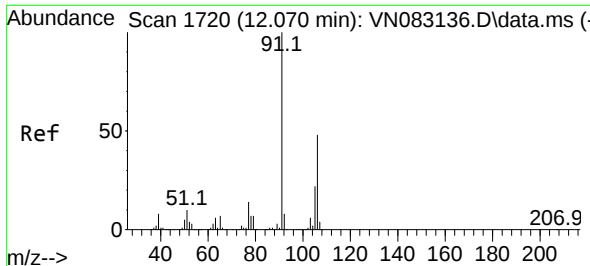
Tgt Ion: 91 Resp: 21023

Ion Ratio Lower Upper

91 100

106 32.9 24.0 36.0

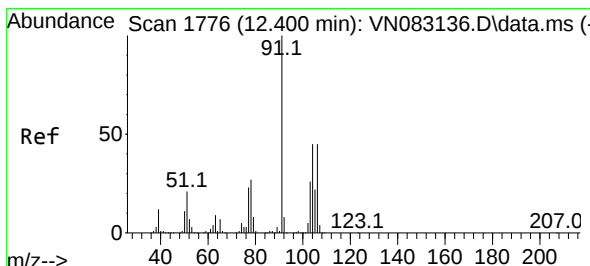
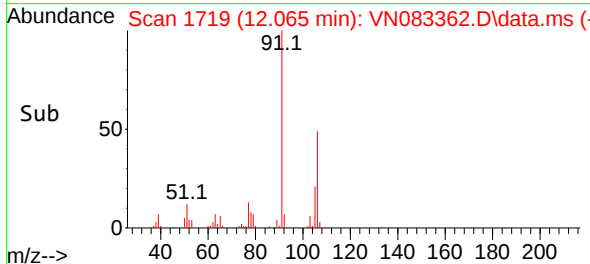
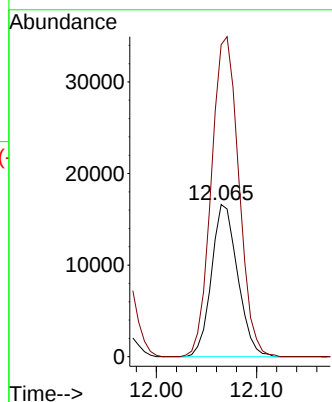
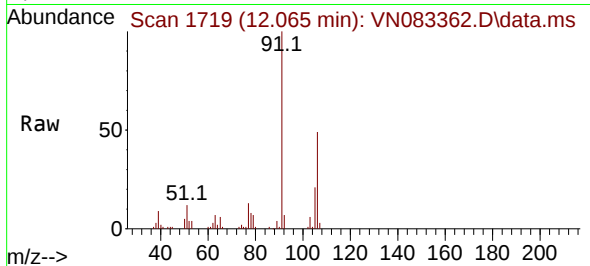




#68
m/p-Xylenes
Concen: 7.212 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

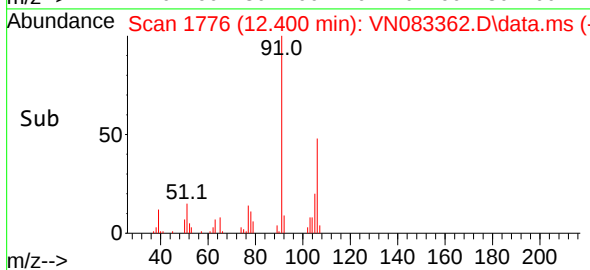
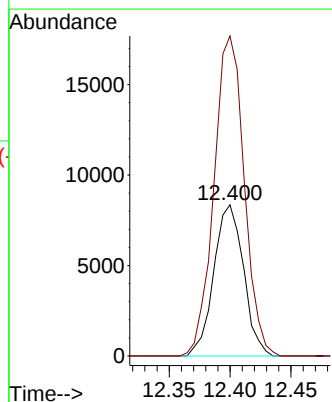
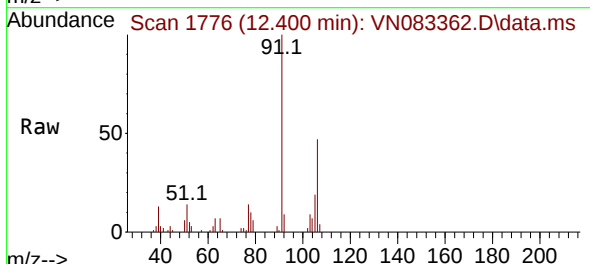
Instrument :
MSVOA_N
ClientSampleId :
SB-1

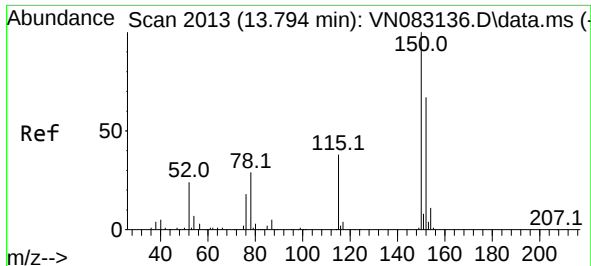
Tgt Ion:106 Resp: 30204
Ion Ratio Lower Upper
106 100
91 220.4 166.1 249.1



#69
o-Xylene
Concen: 3.433 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

Tgt Ion:106 Resp: 14182
Ion Ratio Lower Upper
106 100
91 215.7 111.3 333.9

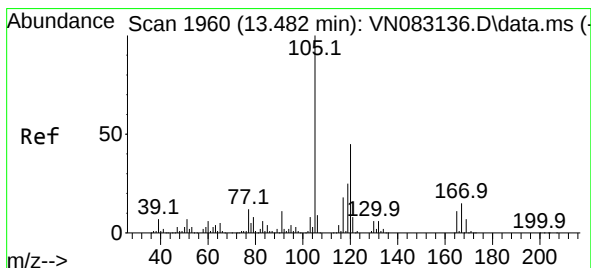
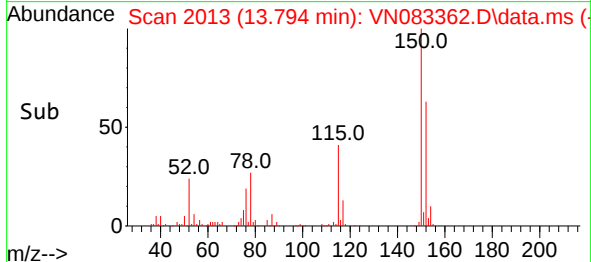
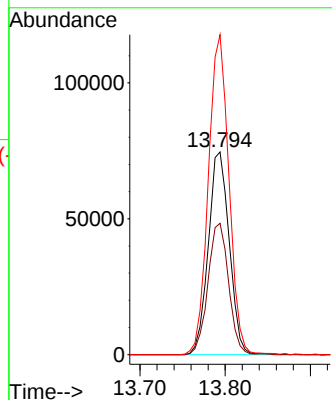
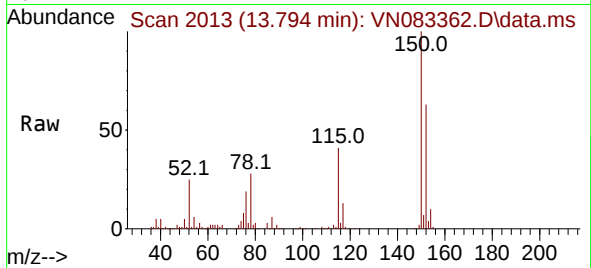




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083362.D
 Acq: 16 Aug 2024 18:29

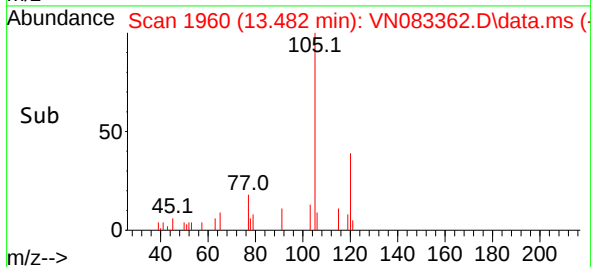
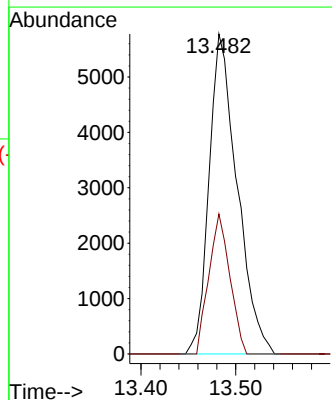
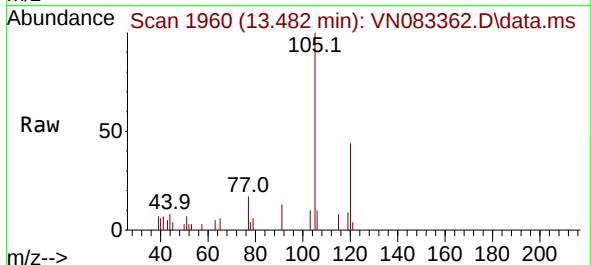
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

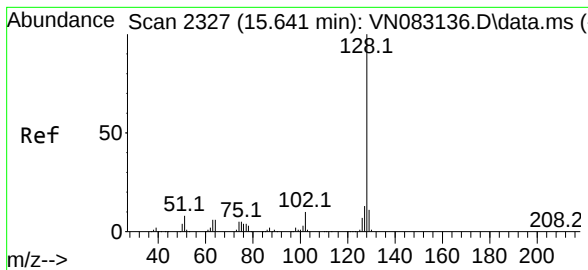
Tgt Ion:152 Resp: 127330
 Ion Ratio Lower Upper
 152 100
 115 64.1 30.6 91.6
 150 155.1 0.0 348.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.320 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083362.D
 Acq: 16 Aug 2024 18:29

Tgt Ion:105 Resp: 11864
 Ion Ratio Lower Upper
 105 100
 120 32.7 21.9 65.8





#95
Naphthalene
Concen: 23.805 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083362.D
Acq: 16 Aug 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:128 Resp: 203501
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.6 8.6 12.8

