

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083400.D
 Acq On : 20 Aug 2024 15:01
 Operator : JC\MD
 Sample : P3629-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-5

Quant Time: Aug 21 07:19:39 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)

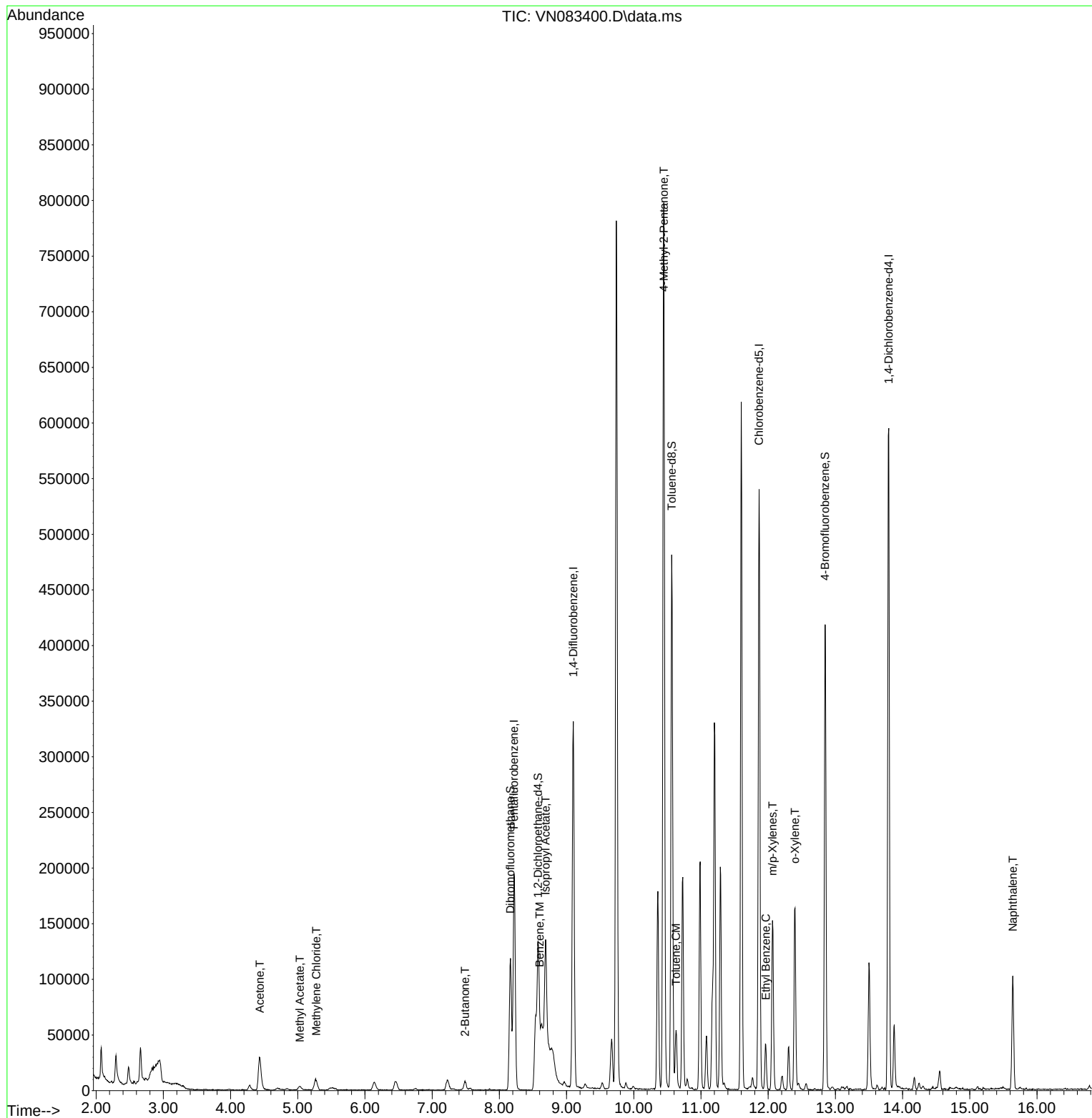
Internal Standards						
1) Pentafluorobenzene	8.218	168	135248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105430	54.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.540%	
35) Dibromofluoromethane	8.165	113	84864	49.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.500%	
50) Toluene-d8	10.565	98	321788	50.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.847	95	147285	58.776	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	55648	73.874	ug/l	99
18) Methyl Acetate	5.030	43	7060	3.146	ug/l	93
20) Methylene Chloride	5.277	84	7010	4.043	ug/l #	77
25) 2-Butanone	7.488	43	13691	11.837	ug/l	96
40) Benzene	8.600	78	30248	3.895	ug/l	99
43) Isopropyl Acetate	8.688	43	233704	45.906	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	537752	194.846	ug/l	94
52) Toluene	10.629	92	23322	4.753	ug/l	95
67) Ethyl Benzene	11.965	91	25125	2.055	ug/l	97
68) m/p-Xylenes	12.065	106	45747	9.989	ug/l	97
69) o-Xylene	12.400	106	43757	9.688	ug/l	96
95) Naphthalene	15.641	128	91463	8.677	ug/l	98

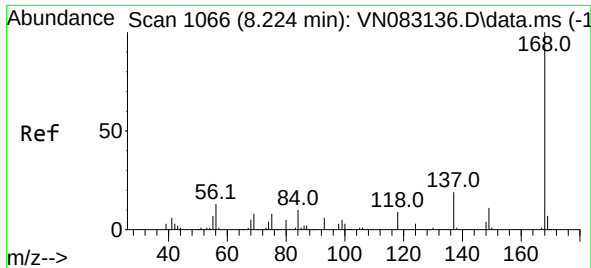
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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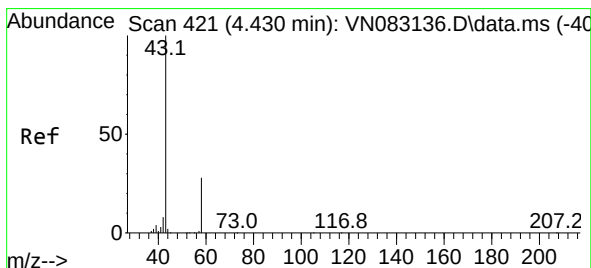
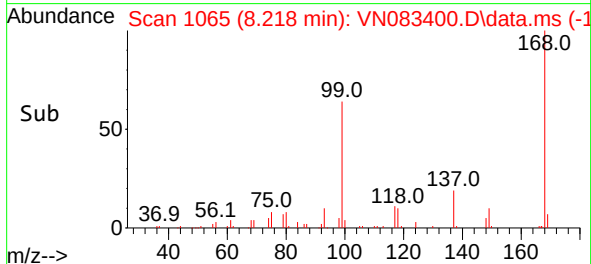
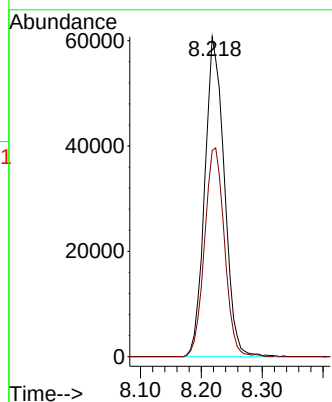
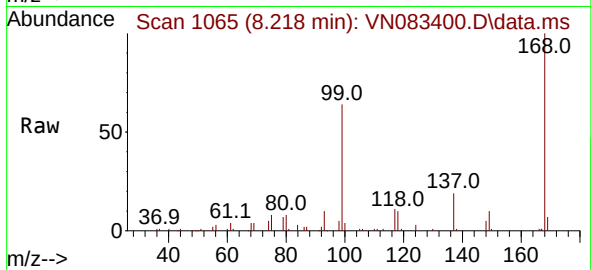




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

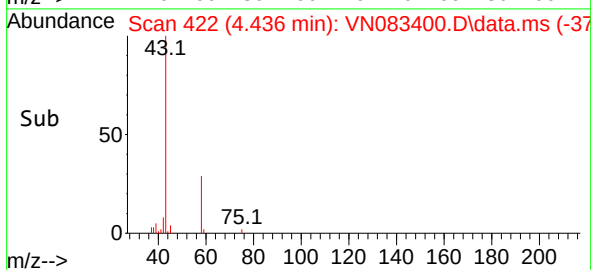
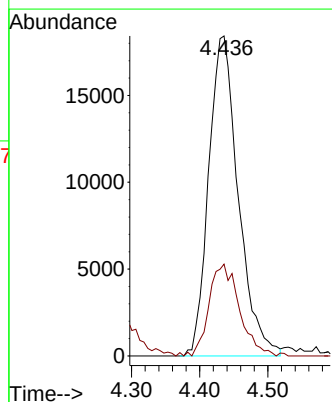
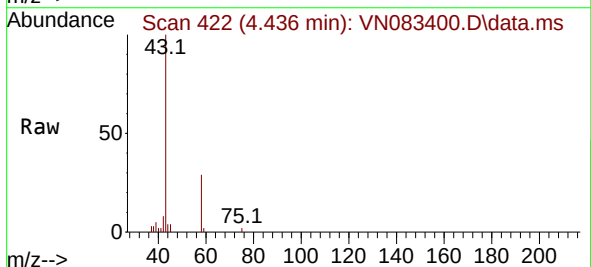
Instrument :
MSVOA_N
ClientSampleId :
SB-5

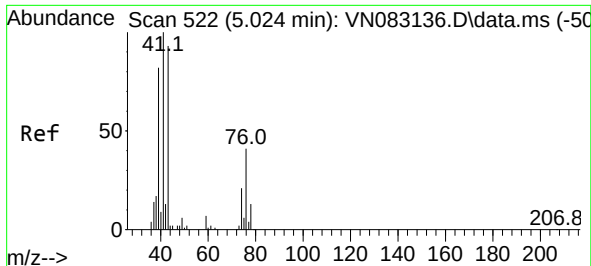
Tgt Ion:168 Resp: 135248
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4



#16
Acetone
Concen: 73.874 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 43 Resp: 55648
Ion Ratio Lower Upper
43 100
58 27.8 21.8 32.6

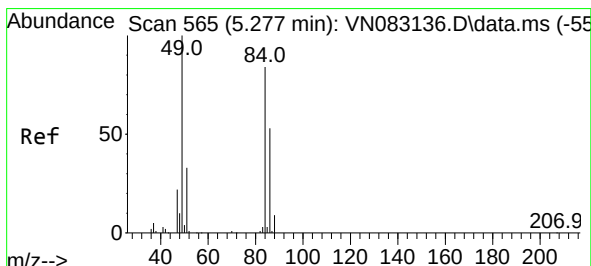
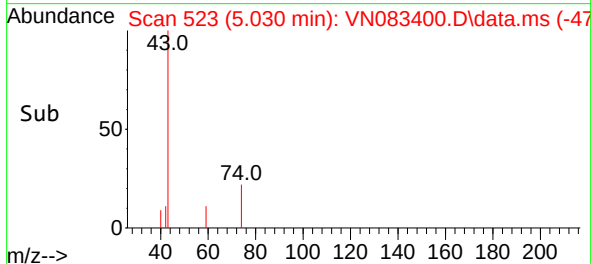
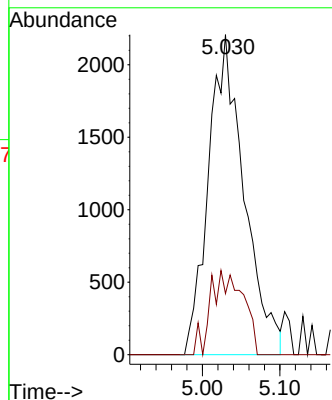
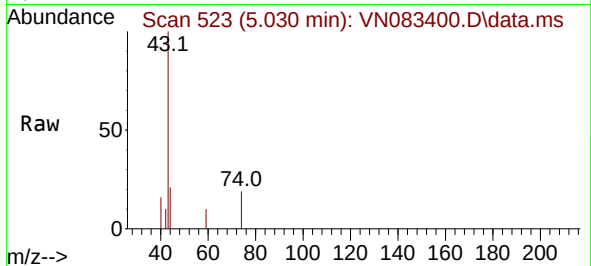




#18
Methyl Acetate
Concen: 3.146 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

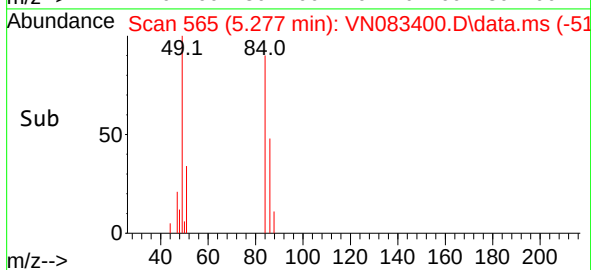
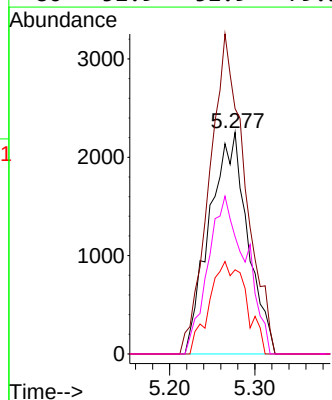
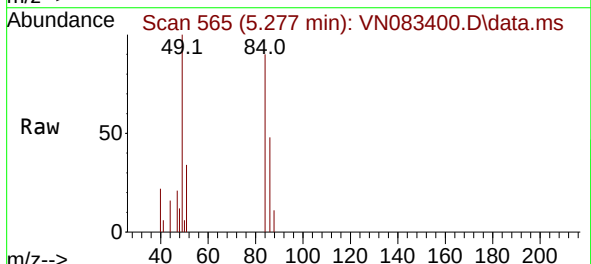
Instrument :
MSVOA_N
ClientSampleId :
SB-5

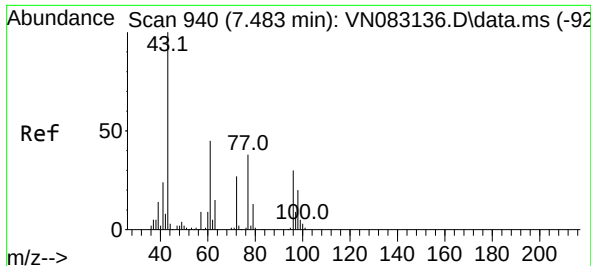
Tgt Ion: 43 Resp: 7060
Ion Ratio Lower Upper
43 100
74 23.8 16.3 24.5



#20
Methylene Chloride
Concen: 4.043 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 84 Resp: 7010
Ion Ratio Lower Upper
84 100
49 110.7 119.6 179.4#
51 37.9 34.8 52.2
86 52.9 52.9 79.3

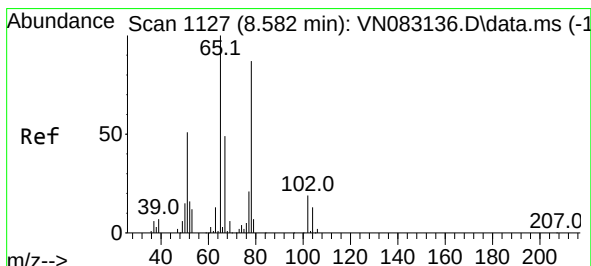
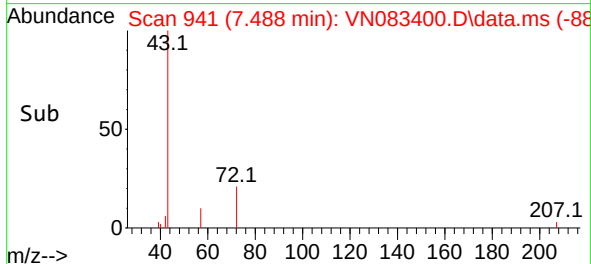
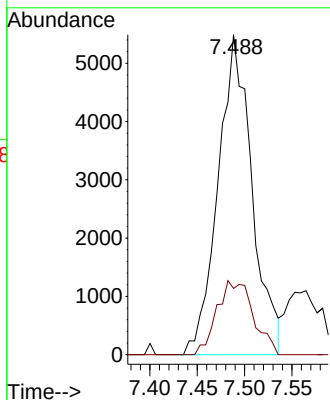
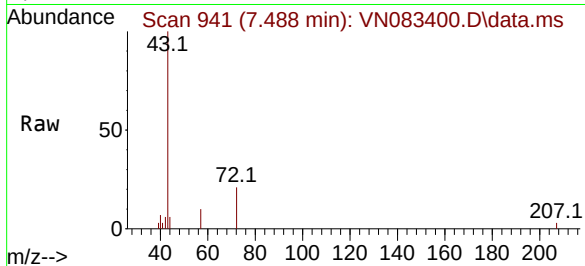




#25
2-Butanone
Concen: 11.837 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

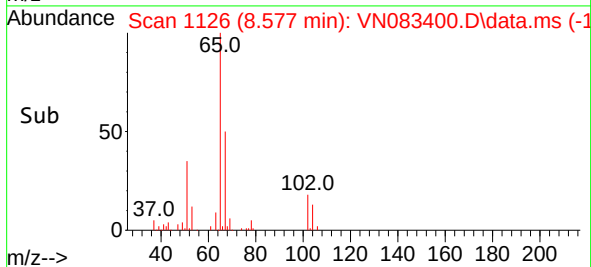
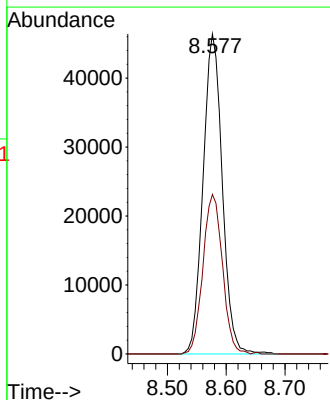
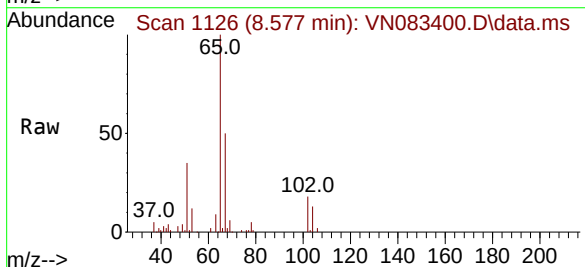
Instrument :
MSVOA_N
ClientSampleId :
SB-5

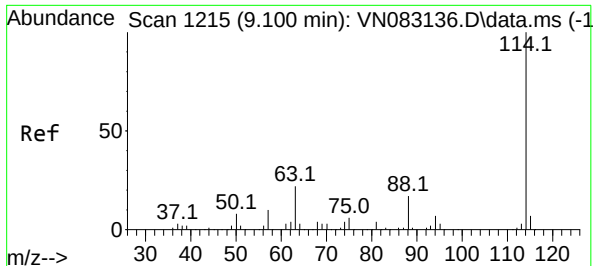
Tgt Ion: 43 Resp: 13691
Ion Ratio Lower Upper
43 100
72 20.7 18.2 27.2



#33
1,2-Dichloroethane-d4
Concen: 54.766 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 65 Resp: 105430
Ion Ratio Lower Upper
65 100
67 50.5 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: VN083400.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

SB-5

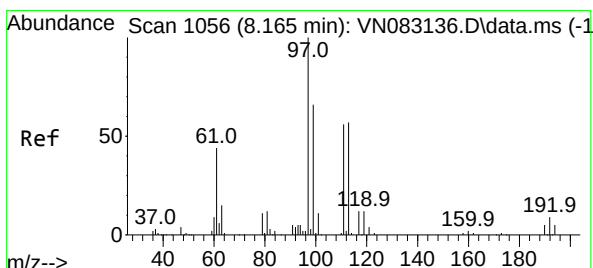
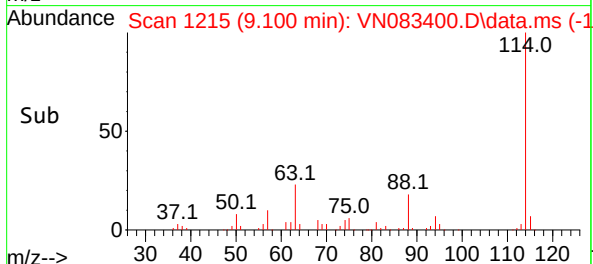
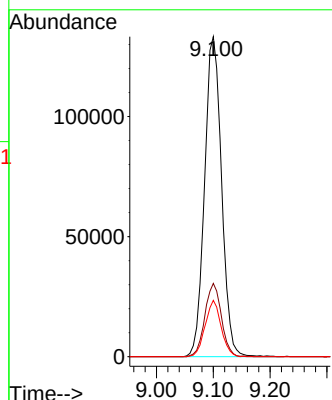
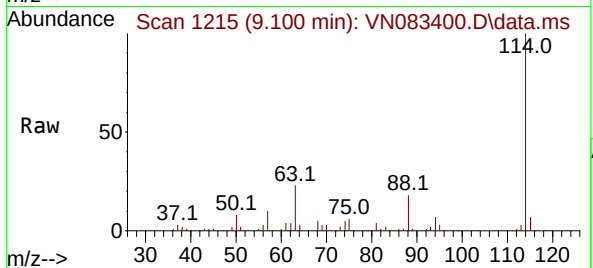
Tgt Ion:114 Resp: 276064

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 17.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.250 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083400.D

Acq: 20 Aug 2024 15:01

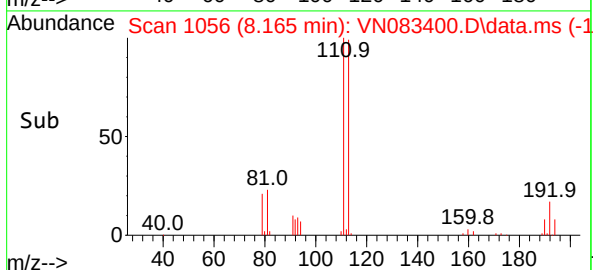
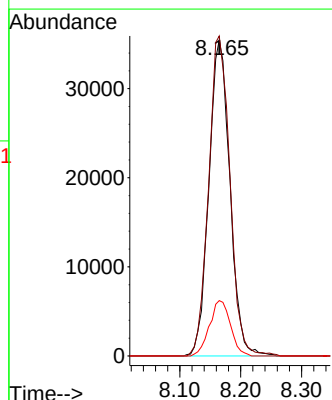
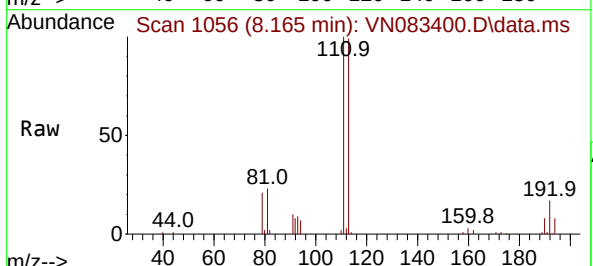
Tgt Ion:113 Resp: 84864

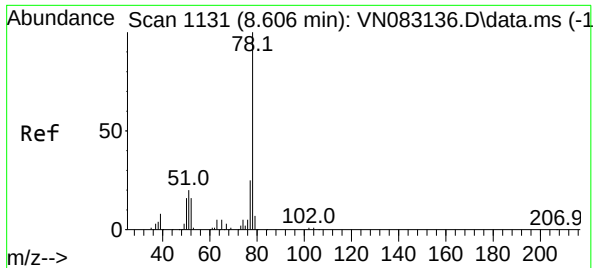
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 17.5 14.9 22.3

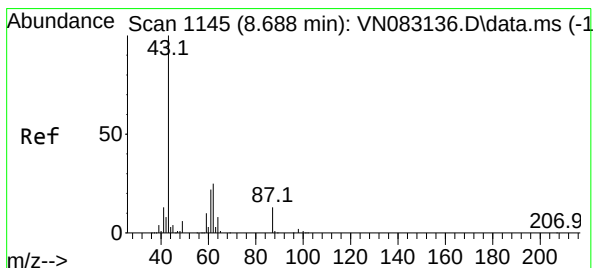
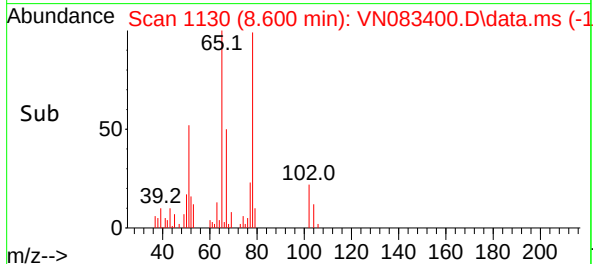
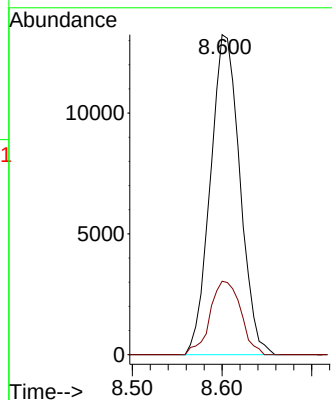
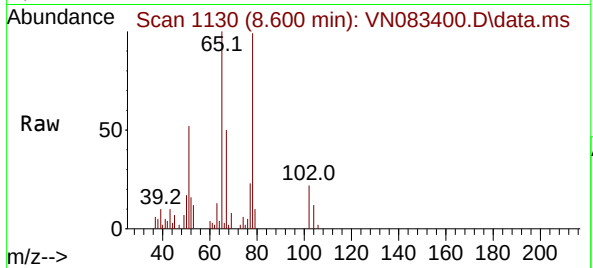




#40
Benzene
Concen: 3.895 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

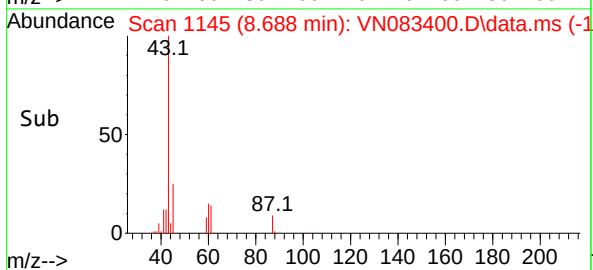
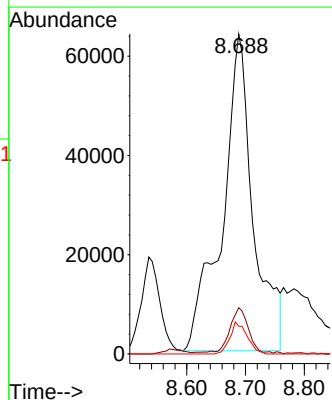
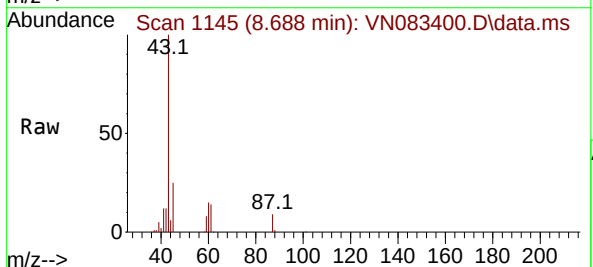
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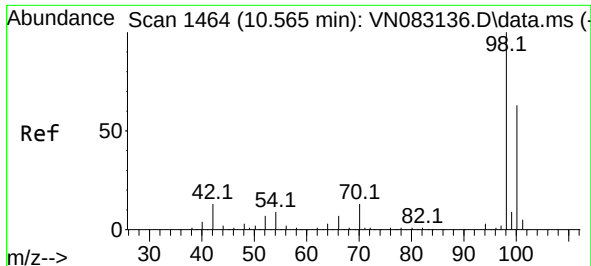
Tgt Ion: 78 Resp: 30248
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



#43
Isopropyl Acetate
Concen: 45.906 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 43 Resp: 233704
Ion Ratio Lower Upper
43 100
61 9.2 17.8 26.6#
87 5.6 8.2 12.2#

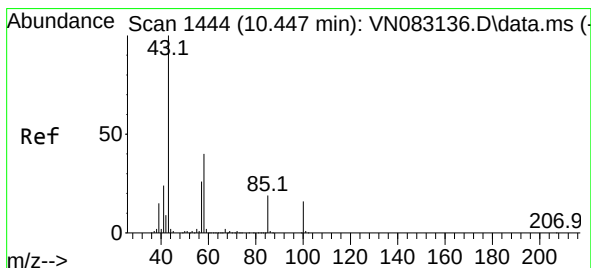
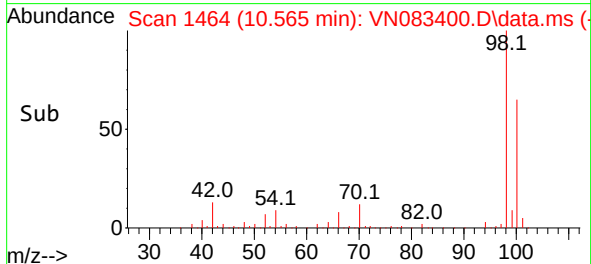
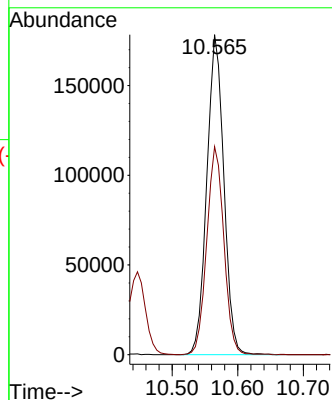
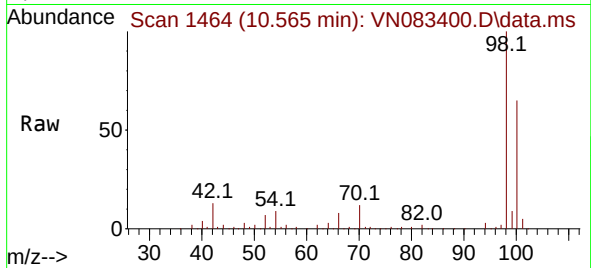




#50
Toluene-d8
Concen: 50.063 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

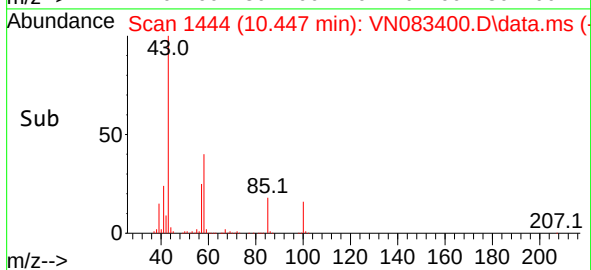
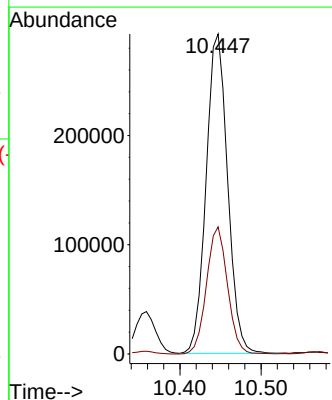
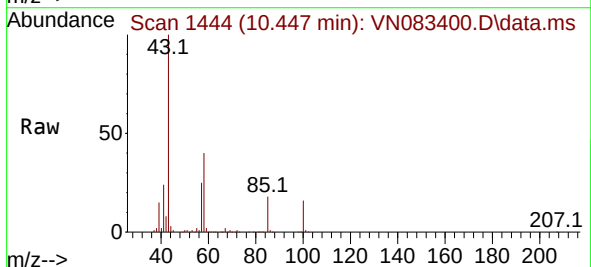
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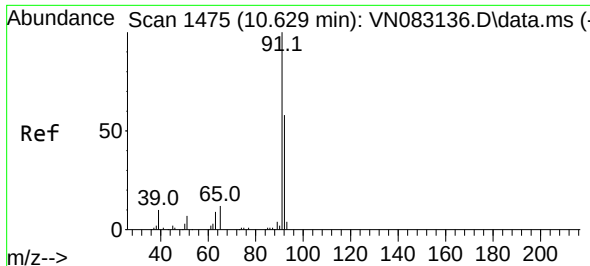
Tgt Ion: 98 Resp: 321788
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 194.846 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 43 Resp: 537752
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4

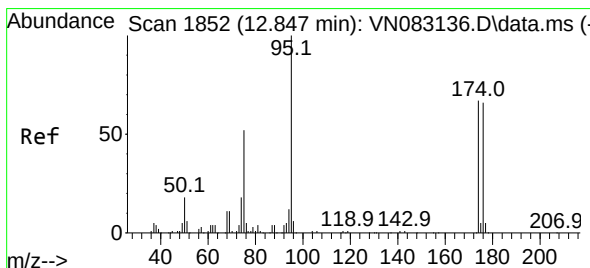
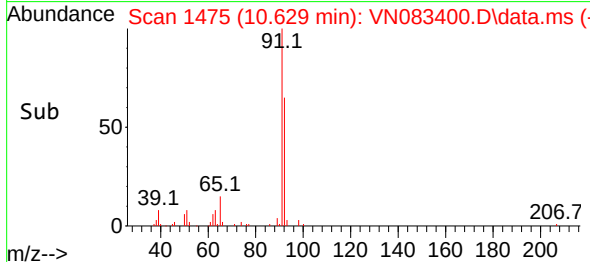
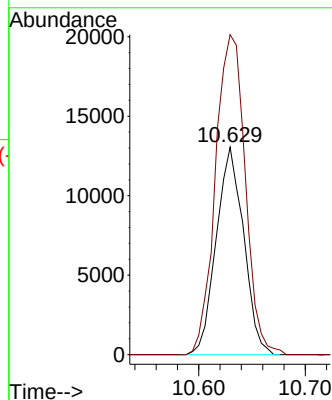
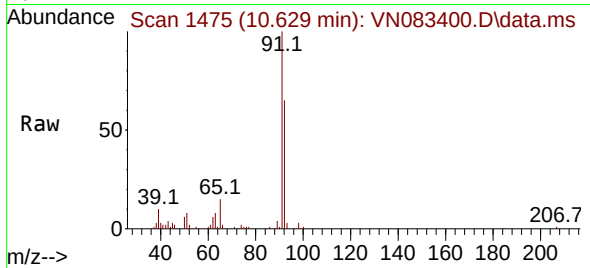




#52
Toluene
Concen: 4.753 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

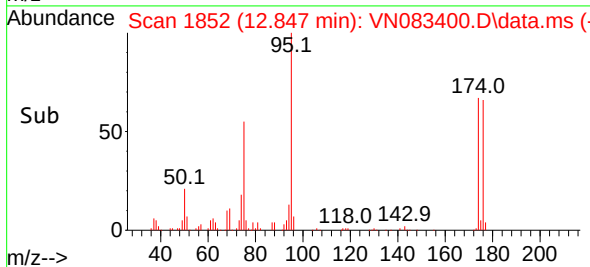
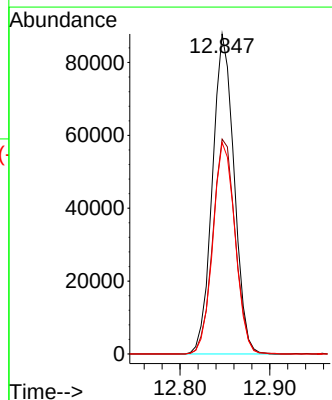
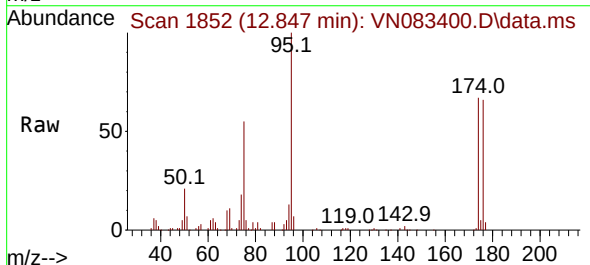
Instrument :
MSVOA_N
ClientSampleId :
SB-5

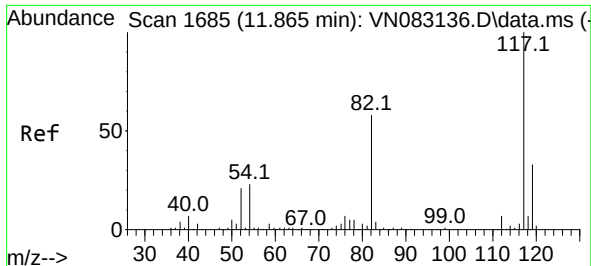
Tgt Ion: 92 Resp: 23322
Ion Ratio Lower Upper
92 100
91 167.8 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 58.776 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 95 Resp: 147285
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 67.6 0.0 147.6

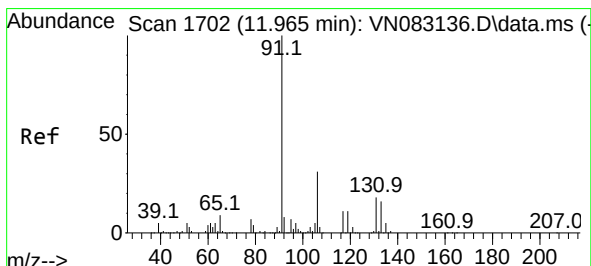
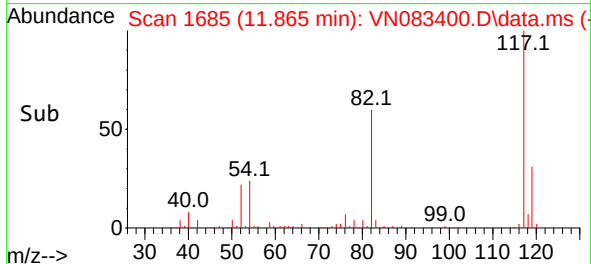
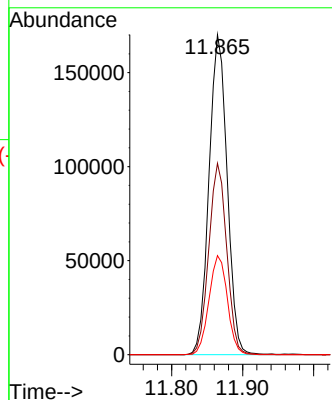
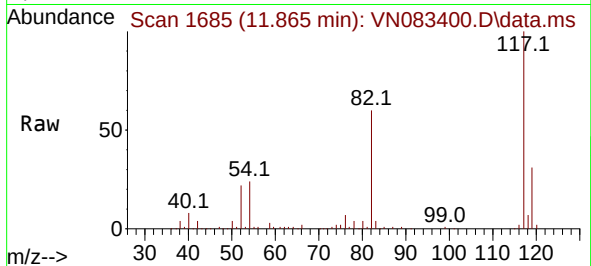




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

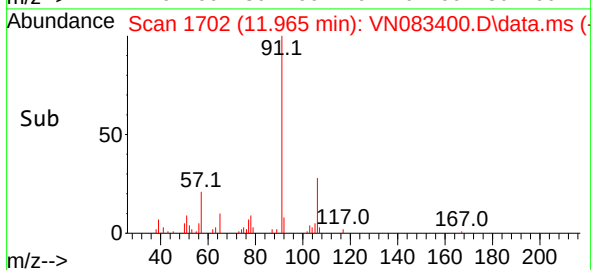
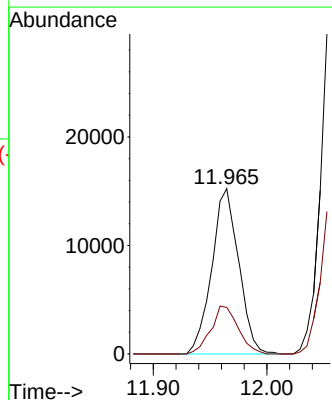
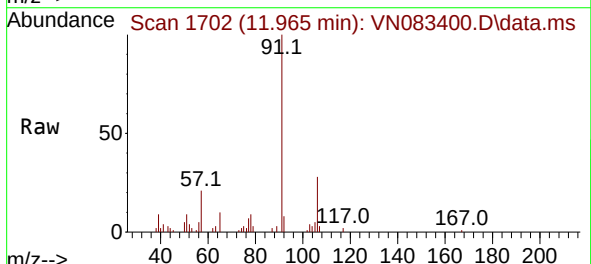
Instrument :
MSVOA_N
ClientSampleId :
SB-5

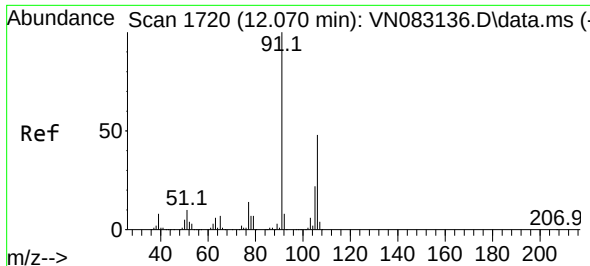
Tgt Ion:117 Resp: 301570
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 31.0 25.6 38.4



#67
Ethyl Benzene
Concen: 2.055 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 91 Resp: 25125
Ion Ratio Lower Upper
91 100
106 28.2 24.0 36.0

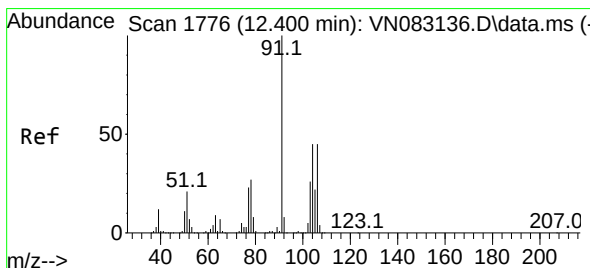
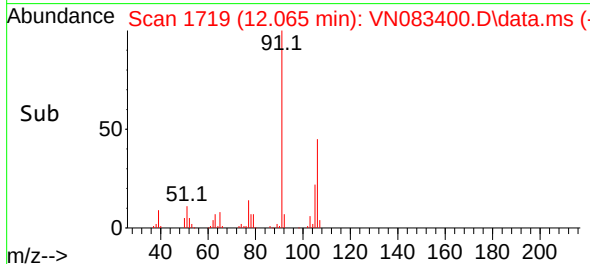
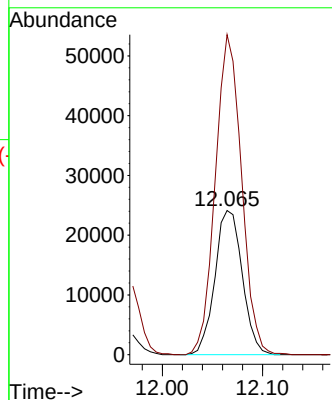
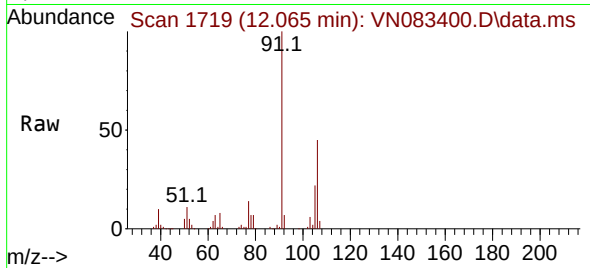




#68
m/p-Xylenes
Concen: 9.989 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

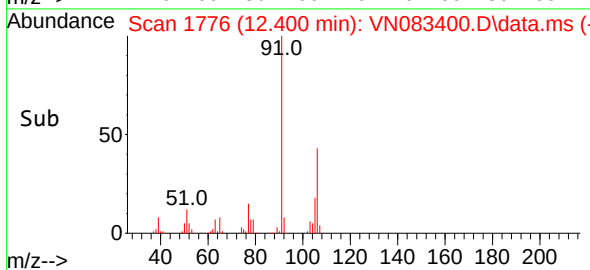
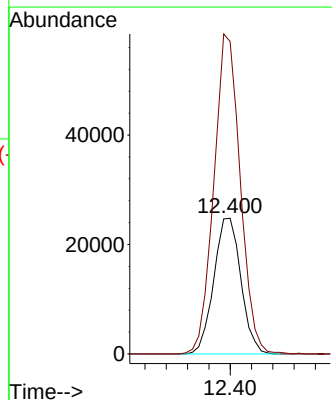
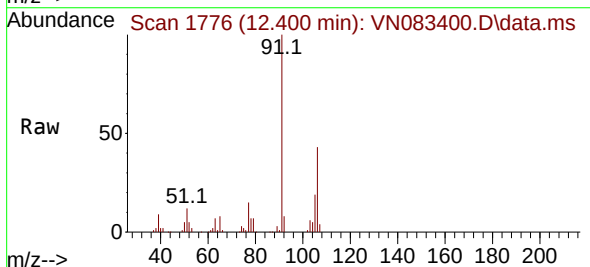
Instrument :
MSVOA_N
ClientSampleId :
SB-5

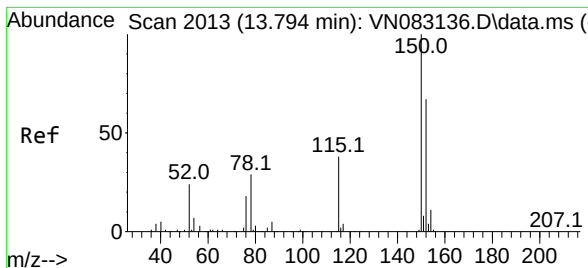
Tgt Ion:106 Resp: 45747
Ion Ratio Lower Upper
106 100
91 212.9 166.1 249.1



#69
o-Xylene
Concen: 9.688 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion:106 Resp: 43757
Ion Ratio Lower Upper
106 100
91 229.5 111.3 333.9

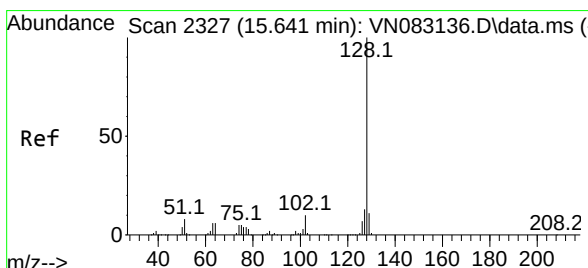
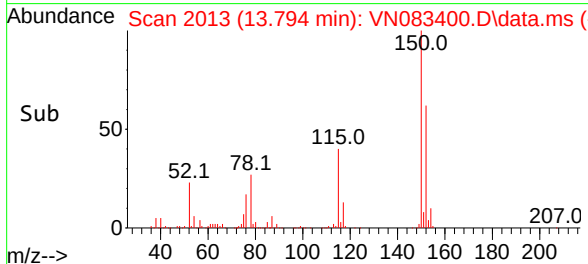
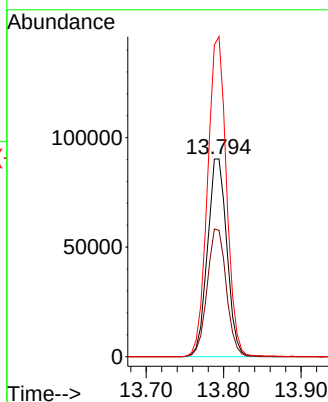
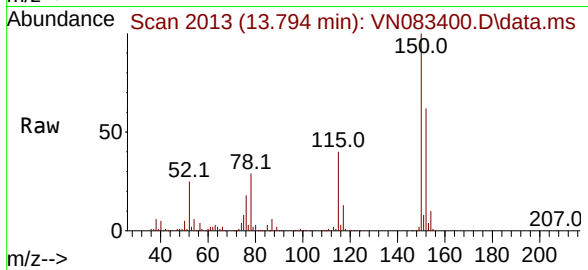




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
SB-5

Tgt Ion:152 Resp: 157000
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 158.2 0.0 348.6



#95
Naphthalene
Concen: 8.677 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083400.D
Acq: 20 Aug 2024 15:01

Tgt Ion:128 Resp: 91463
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.1 8.6 12.8

