

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083376.D
 Acq On : 19 Aug 2024 16:40
 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 20 04:48:01 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)

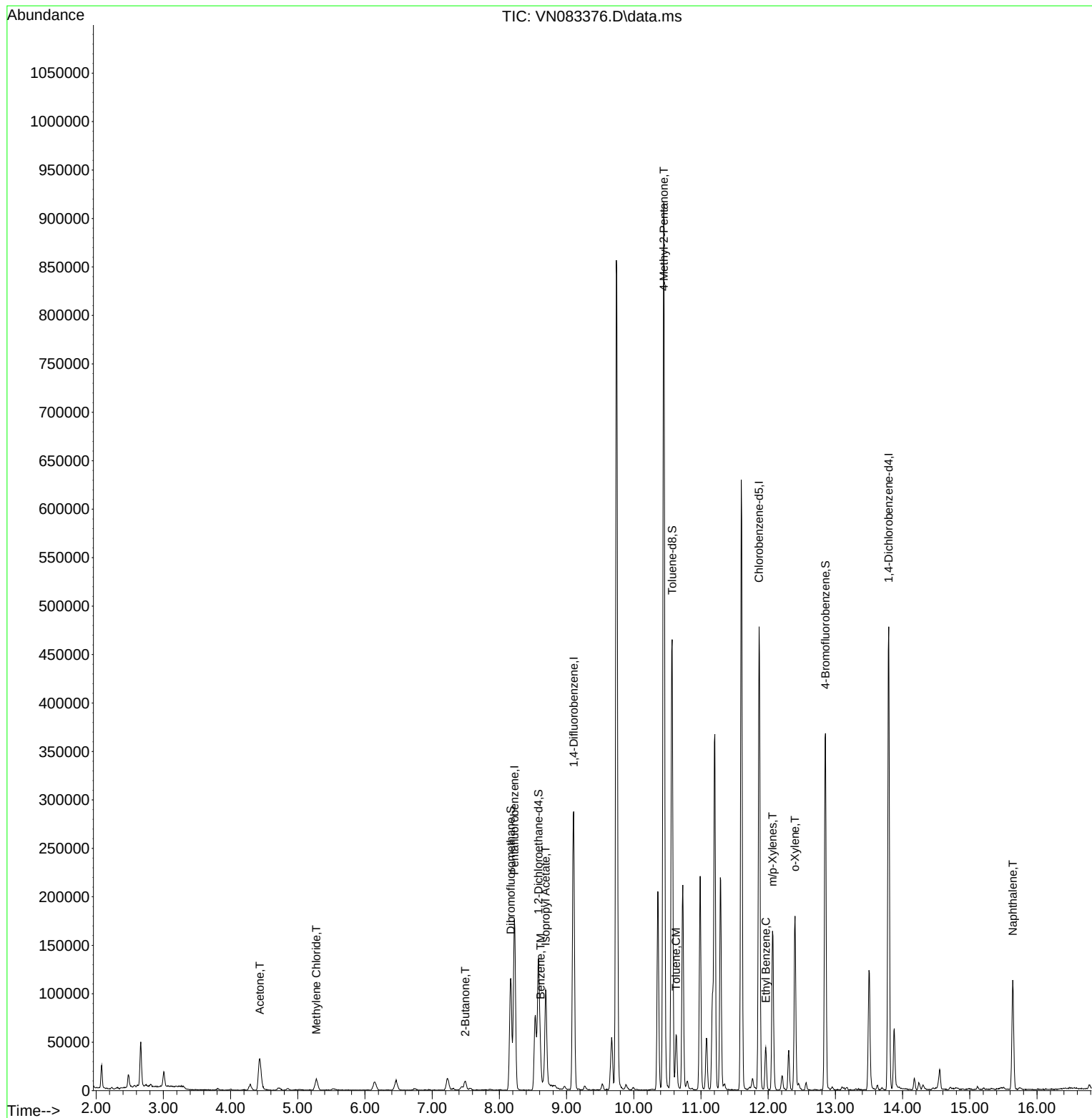
Internal Standards						
1) Pentafluorobenzene	8.224	168	122079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	105671	60.812	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.620%	
35) Dibromofluoromethane	8.171	113	83373	54.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.280%	
50) Toluene-d8	10.571	98	323279	56.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.600%#	
62) 4-Bromofluorobenzene	12.853	95	133414	60.129	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 120.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	64306	94.576	ug/l	92
20) Methylene Chloride	5.277	84	8497	5.430	ug/l #	84
25) 2-Butanone	7.494	43	16656	15.954	ug/l	98
40) Benzene	8.612	78	31273	4.548	ug/l	98
43) Isopropyl Acetate	8.688	43	122637	26.159	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	609445	249.394	ug/l	94
52) Toluene	10.629	92	24193	5.569	ug/l	99
67) Ethyl Benzene	11.965	91	26853	2.467	ug/l	99
68) m/p-Xylenes	12.065	106	50782	12.455	ug/l	97
69) o-Xylene	12.400	106	46768	11.630	ug/l	98
95) Naphthalene	15.641	128	100526	12.207	ug/l	99

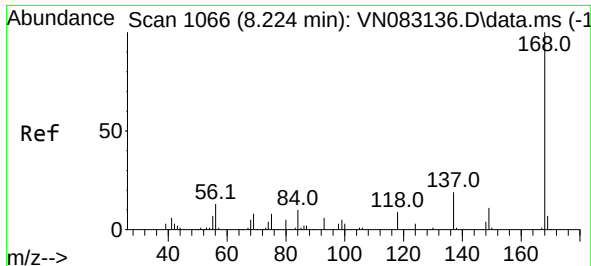
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
Data File : VN083376.D
Acq On : 19 Aug 2024 16:40
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 20 04:48:01 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

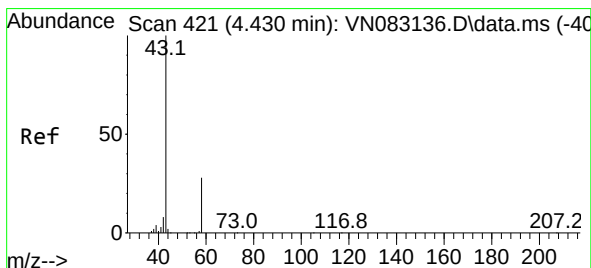
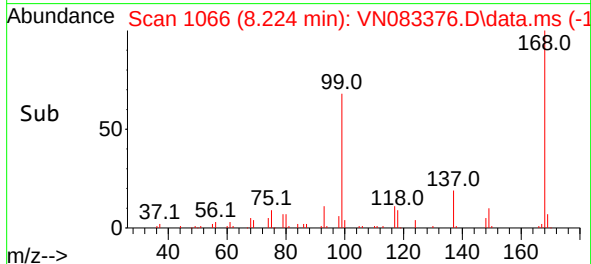
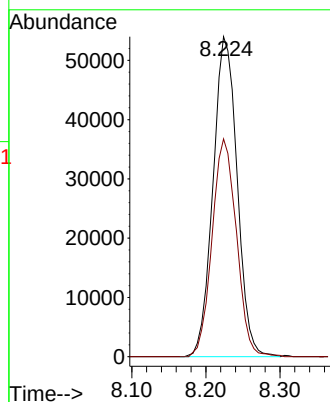
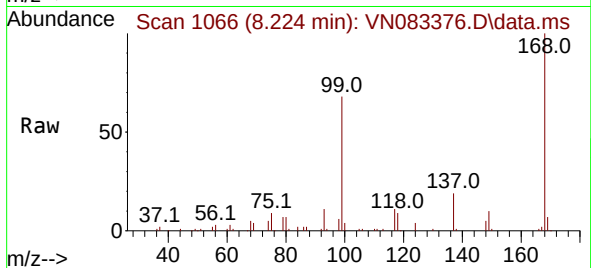




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

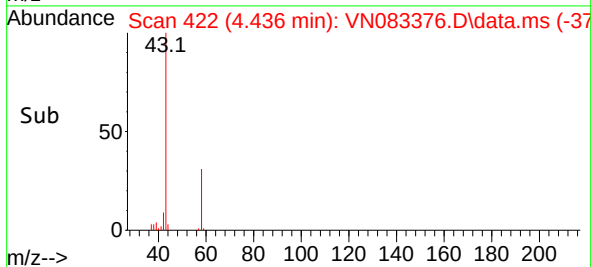
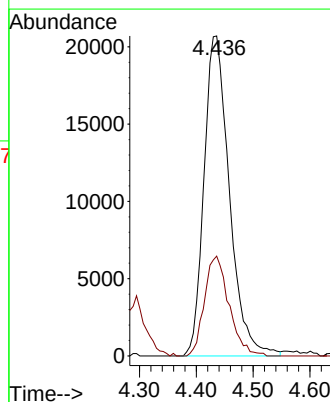
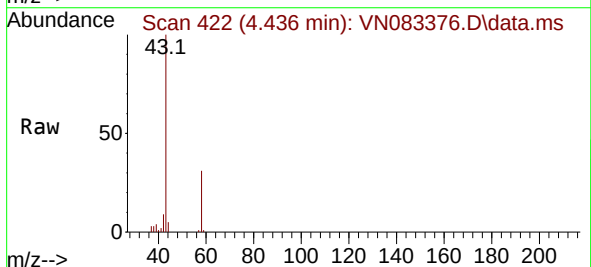
Instrument :
MSVOA_N
ClientSampleId :
SB-5

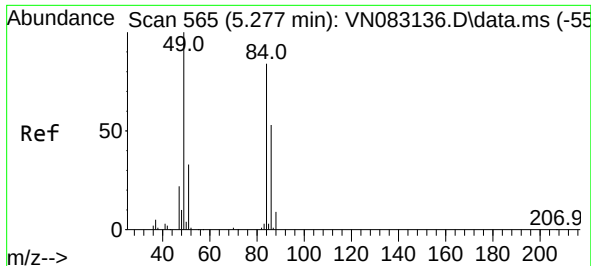
Tgt Ion:168 Resp: 122079
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#16
Acetone
Concen: 94.576 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

Tgt Ion: 43 Resp: 64306
Ion Ratio Lower Upper
43 100
58 31.2 21.8 32.6

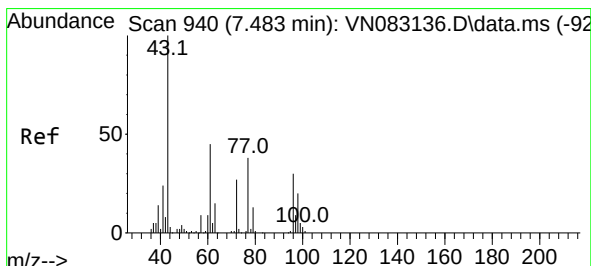
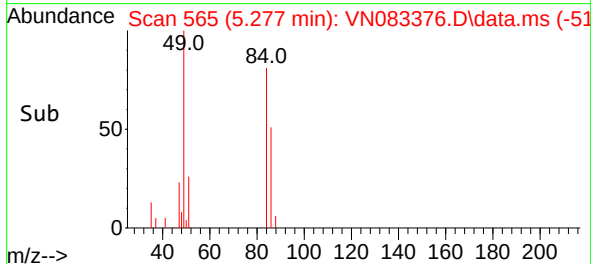
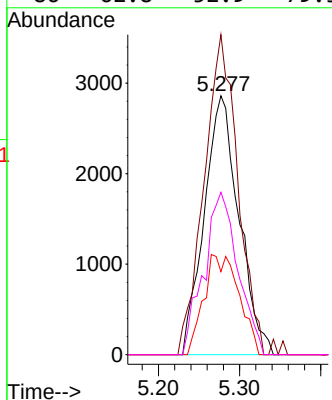
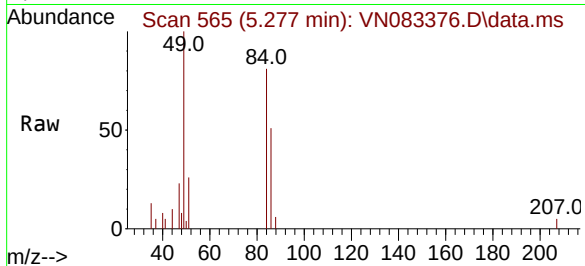




#20
Methylene Chloride
Concen: 5.430 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

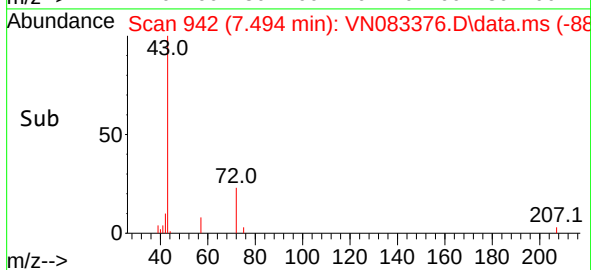
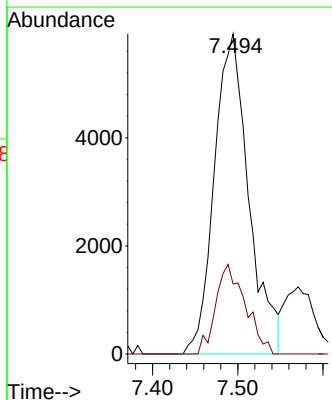
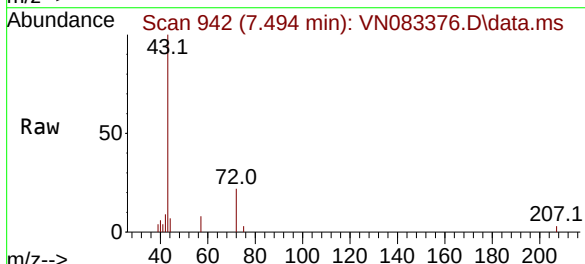
Instrument :
MSVOA_N
ClientSampleId :
SB-5

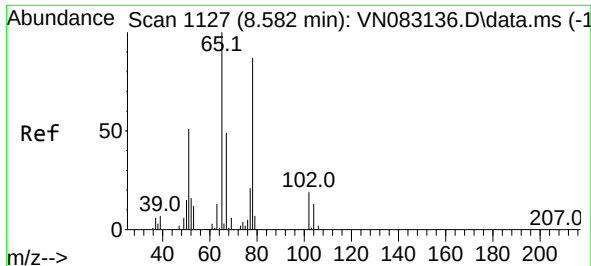
Tgt Ion:	84	Resp:	8497
Ion	Ratio	Lower	Upper
84	100		
49	123.6	119.6	179.4
51	32.1	34.8	52.2#
86	62.8	52.9	79.3



#25
2-Butanone
Concen: 15.954 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

Tgt Ion:	43	Resp:	16656
Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.2	27.2

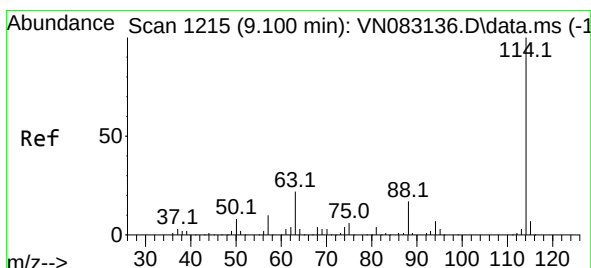
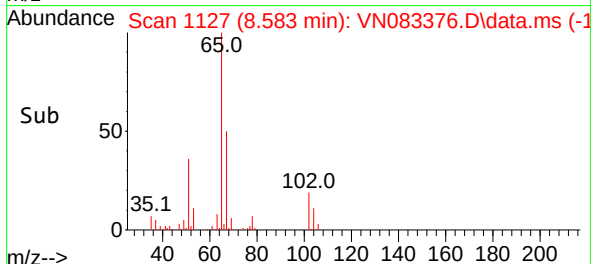
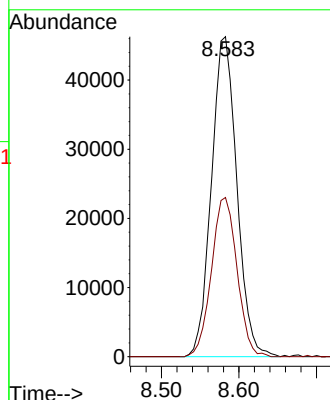
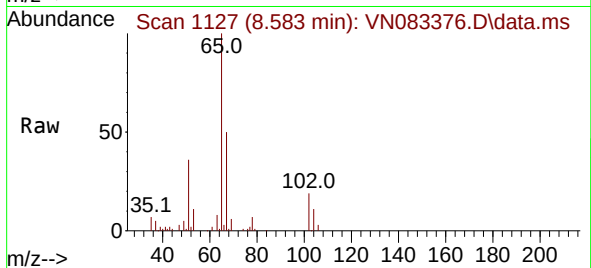




#33
1,2-Dichloroethane-d4
Concen: 60.812 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

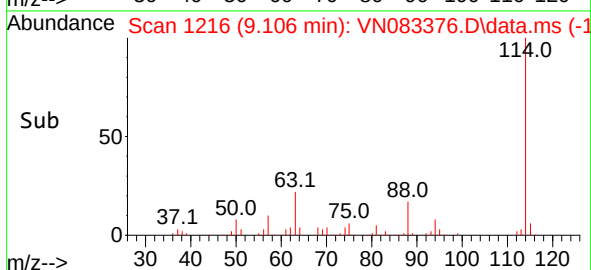
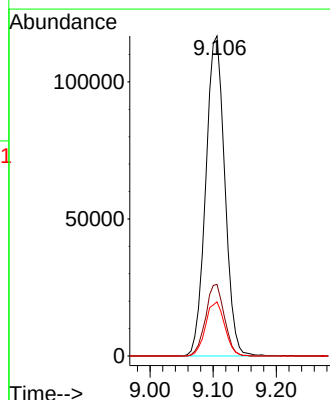
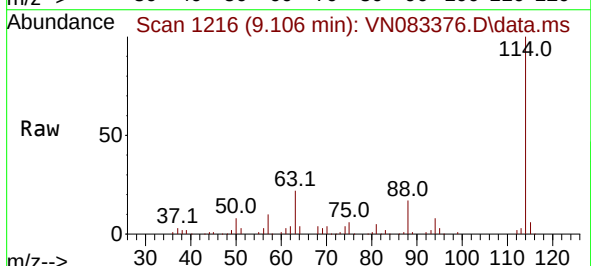
Instrument :
MSVOA_N
ClientSampleId :
SB-5

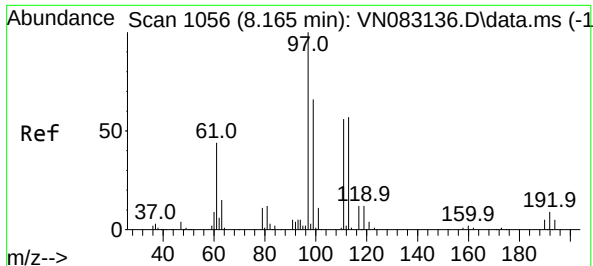
Tgt Ion: 65 Resp: 105671
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

Tgt Ion: 114 Resp: 244437
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.6
88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.645 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN083376.D

Acq: 19 Aug 2024 16:40

Instrument :

MSVOA_N

ClientSampleId :

SB-5

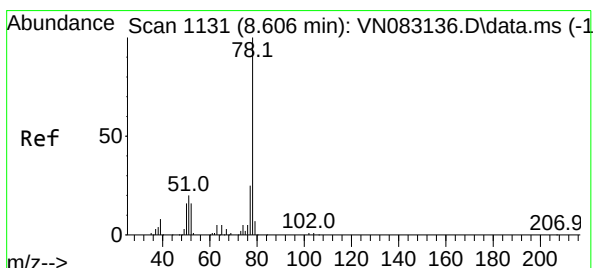
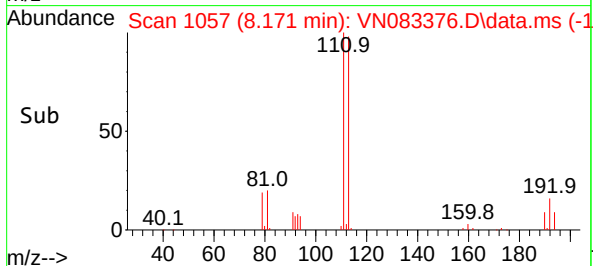
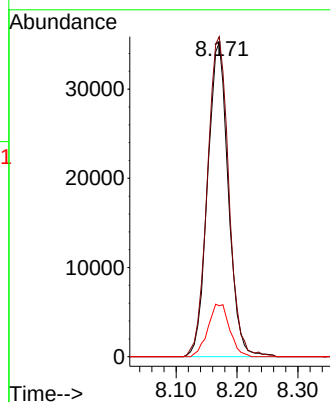
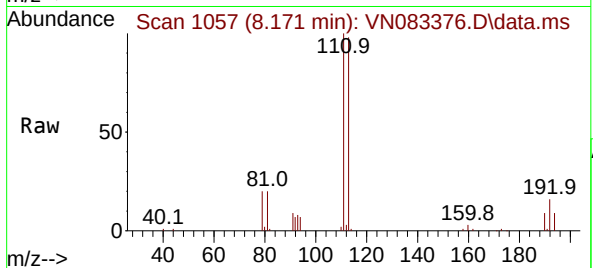
Tgt Ion:113 Resp: 83373

Ion Ratio Lower Upper

113 100

111 105.0 82.4 123.6

192 17.5 14.9 22.3



#40

Benzene

Concen: 4.548 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN083376.D

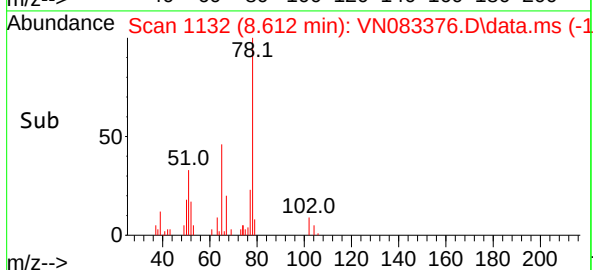
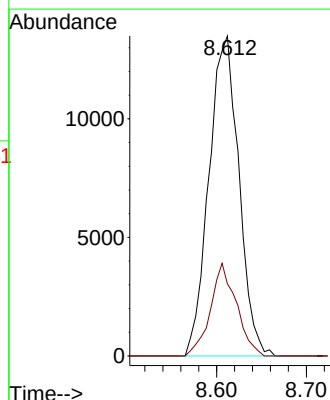
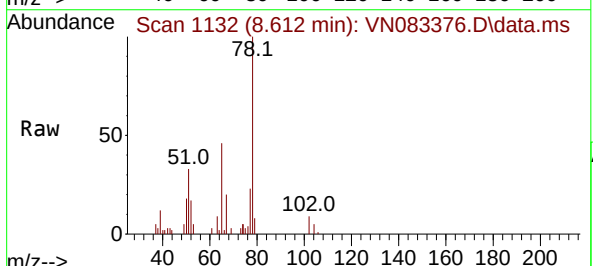
Acq: 19 Aug 2024 16:40

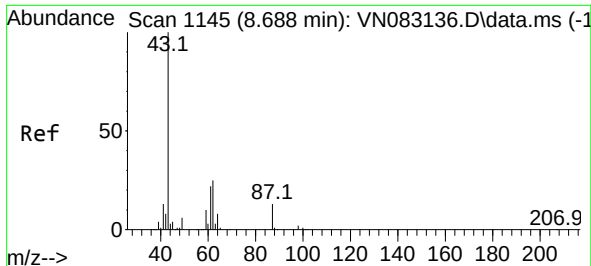
Tgt Ion: 78 Resp: 31273

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.4

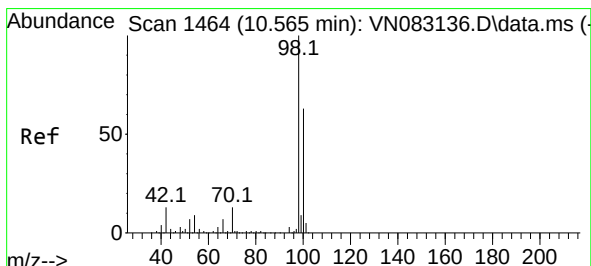
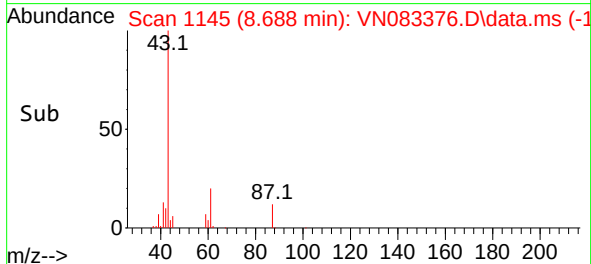
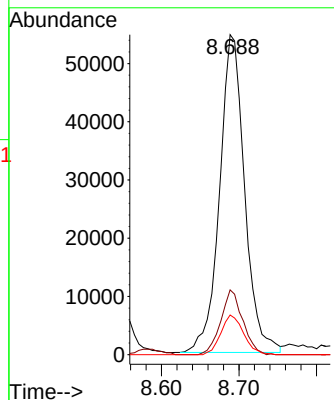
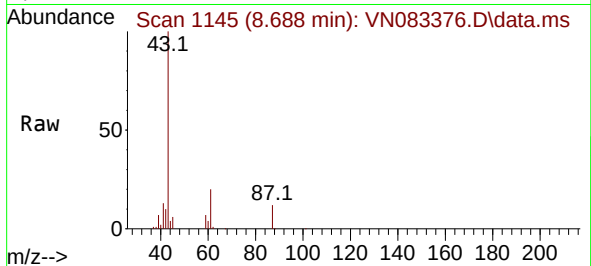




#43
Isopropyl Acetate
Concen: 26.159 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

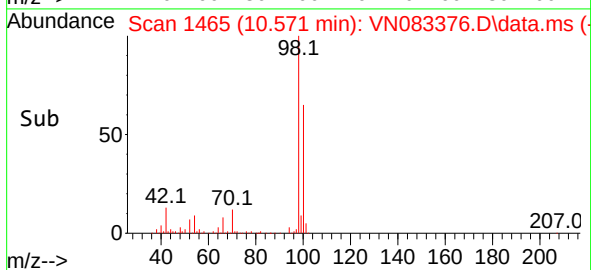
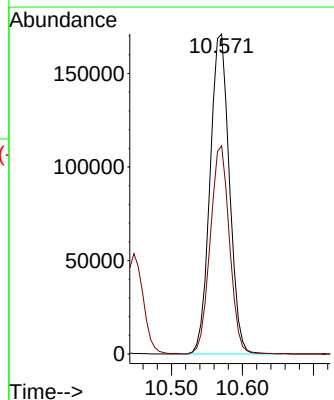
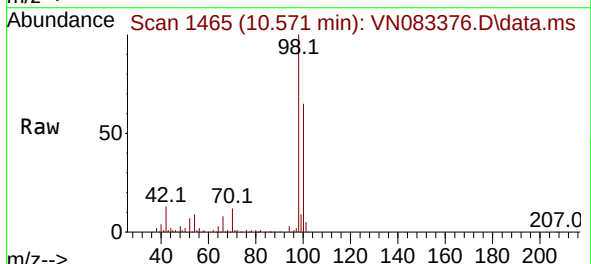
Instrument :
MSVOA_N
ClientSampleId :
SB-5

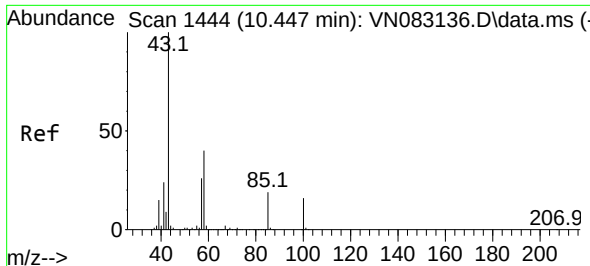
Tgt Ion: 43 Resp: 122637
Ion Ratio Lower Upper
43 100
61 17.9 17.8 26.6
87 11.3 8.2 12.2



#50
Toluene-d8
Concen: 56.802 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

Tgt Ion: 98 Resp: 323279
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

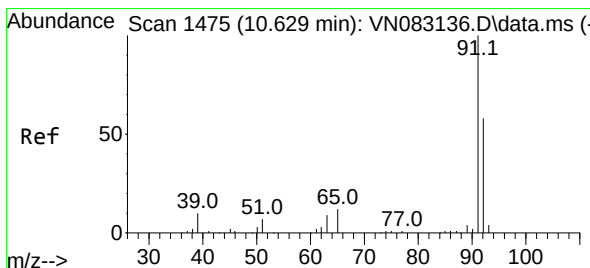
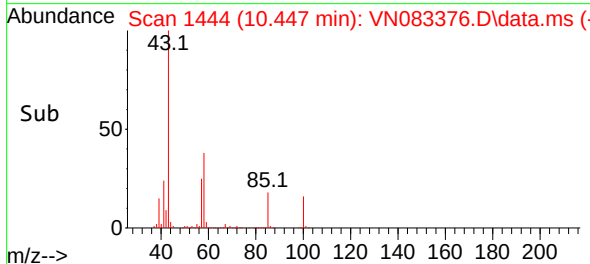
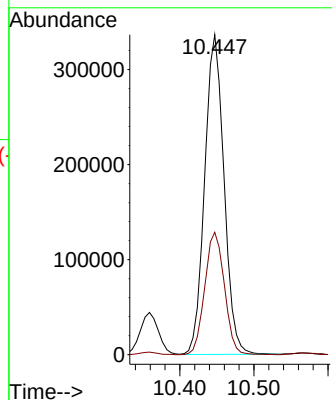
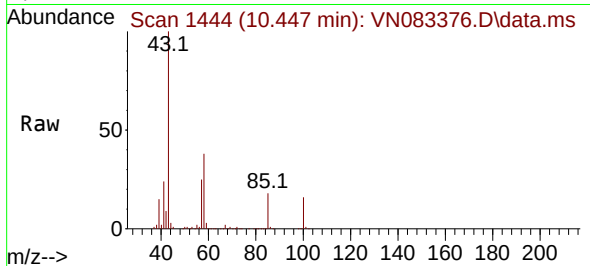




#51
4-Methyl-2-Pentanone
Concen: 249.394 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

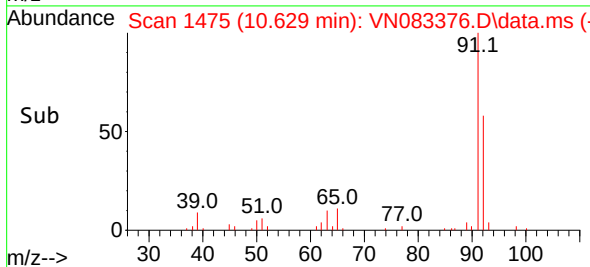
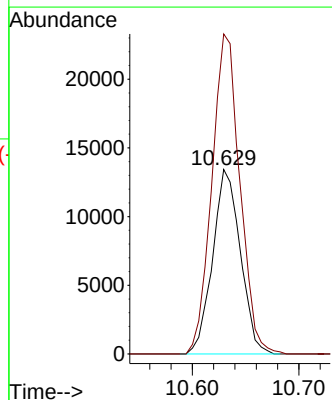
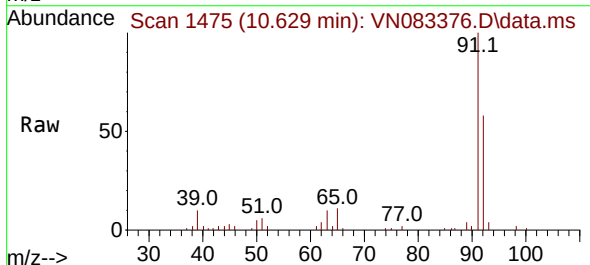
Instrument :
MSVOA_N
ClientSampleId :
SB-5

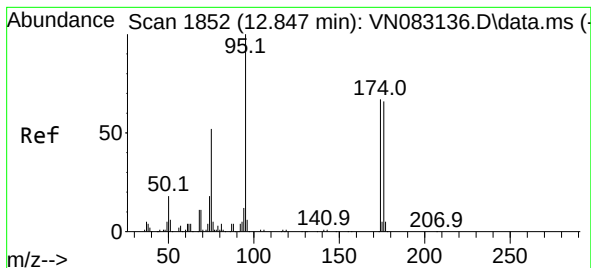
Tgt Ion: 43 Resp: 609445
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4



#52
Toluene
Concen: 5.569 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

Tgt Ion: 92 Resp: 24193
Ion Ratio Lower Upper
92 100
91 175.8 139.4 209.0

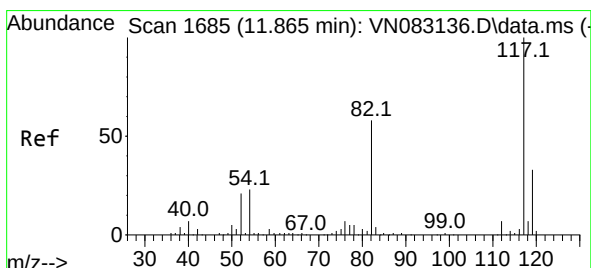
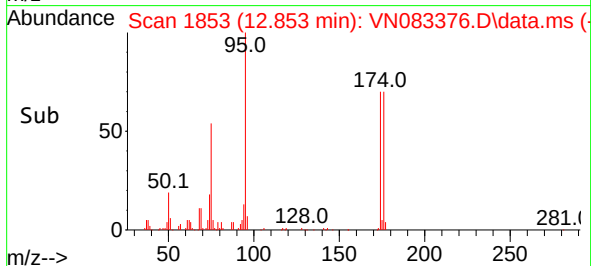
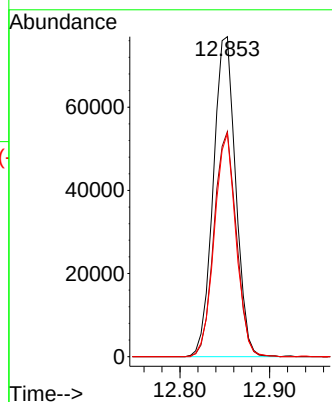
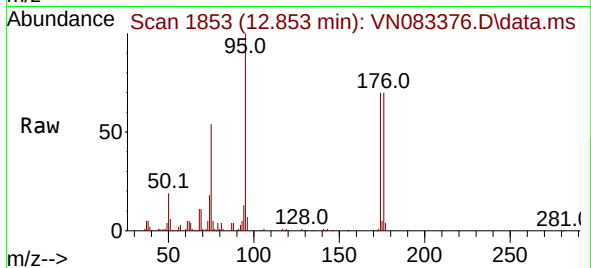




#62
4-Bromofluorobenzene
Concen: 60.129 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

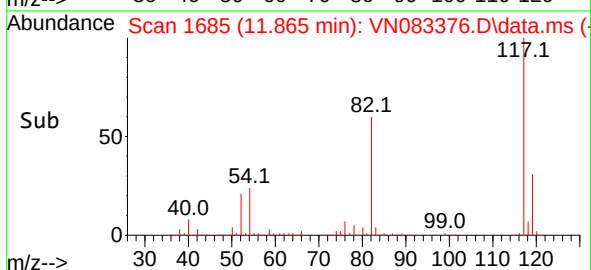
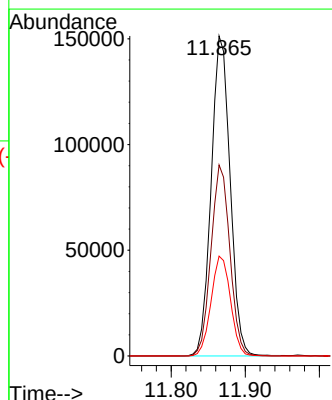
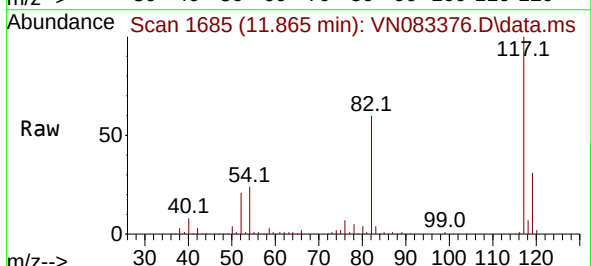
Instrument :
MSVOA_N
ClientSampleId :
SB-5

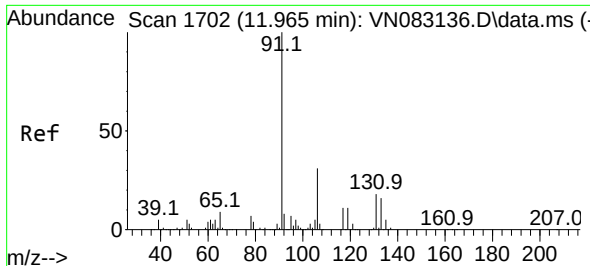
Tgt Ion: 95 Resp: 133414
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 67.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

Tgt Ion: 117 Resp: 268499
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.2 25.6 38.4





#67

Ethyl Benzene

Concen: 2.467 ug/l

RT: 11.965 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN083376.D

Acq: 19 Aug 2024 16:40

Instrument :

MSVOA_N

ClientSampleId :

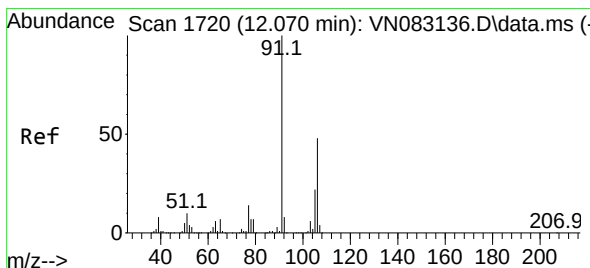
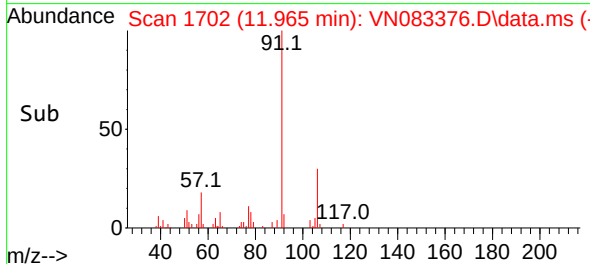
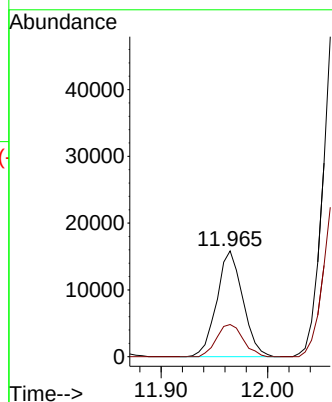
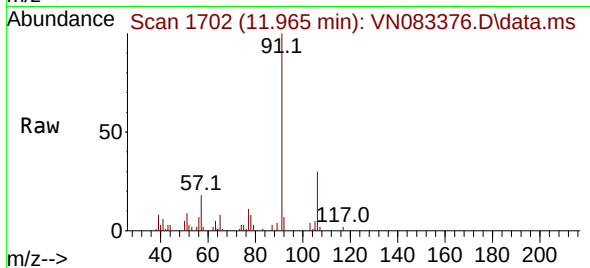
SB-5

Tgt Ion: 91 Resp: 26853

Ion Ratio Lower Upper

91 100

106 30.5 24.0 36.0



#68

m/p-Xylenes

Concen: 12.455 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN083376.D

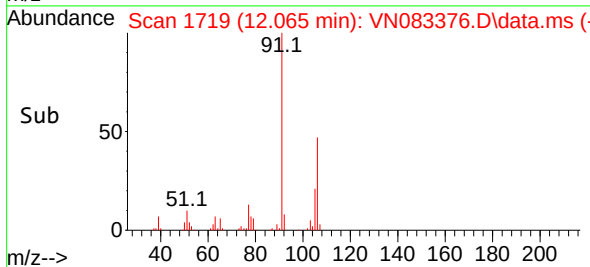
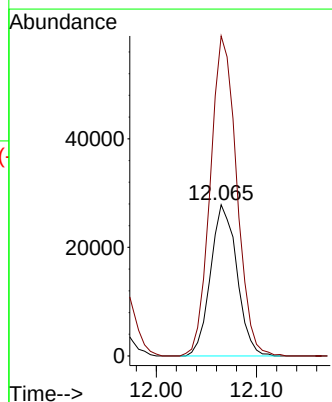
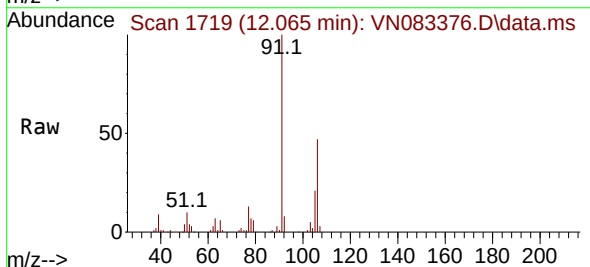
Acq: 19 Aug 2024 16:40

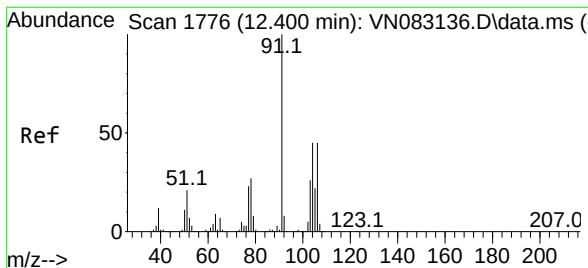
Tgt Ion:106 Resp: 50782

Ion Ratio Lower Upper

106 100

91 211.9 166.1 249.1





#69

o-Xylene

Concen: 11.630 ug/l

RT: 12.400 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083376.D

Acq: 19 Aug 2024 16:40

Instrument :

MSVOA_N

ClientSampleId :

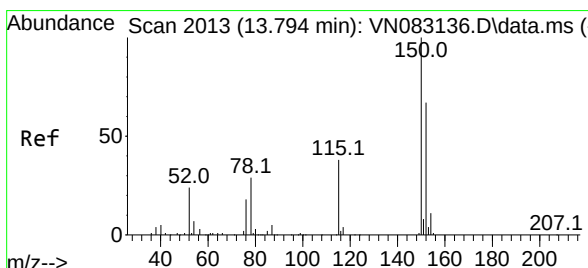
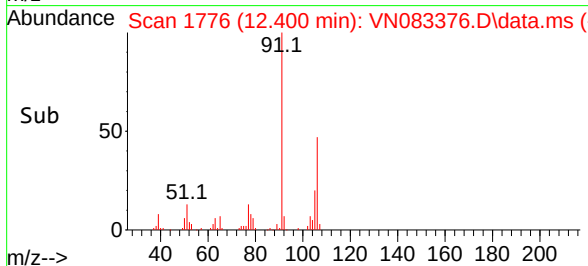
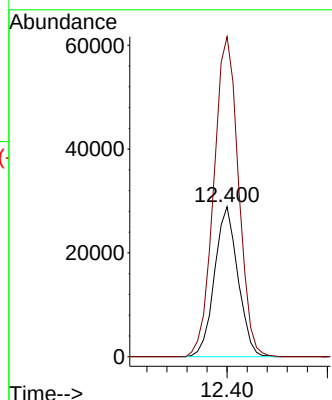
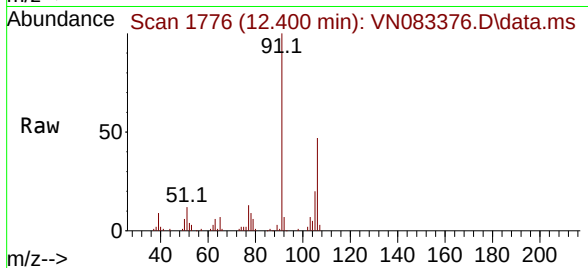
SB-5

Tgt Ion:106 Resp: 46768

Ion Ratio Lower Upper

106 100

91 225.4 111.3 333.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083376.D

Acq: 19 Aug 2024 16:40

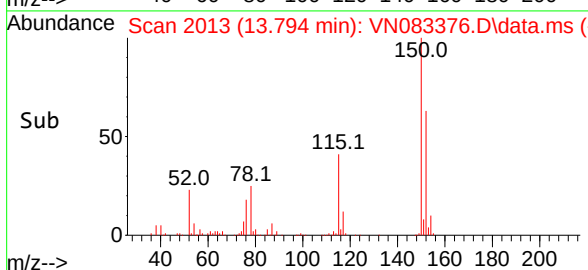
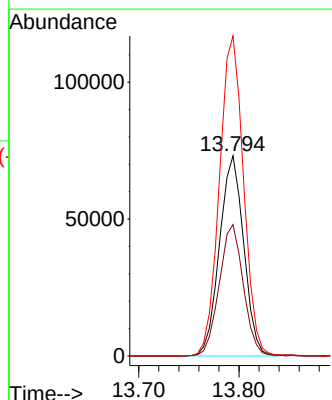
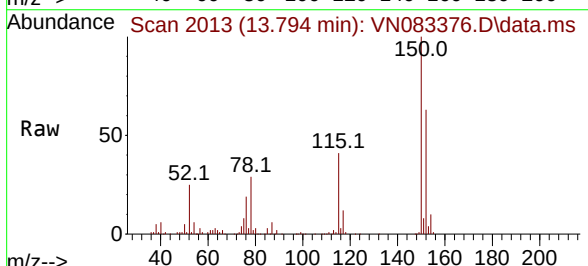
Tgt Ion:152 Resp: 122657

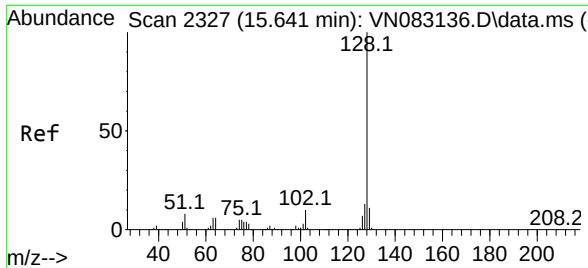
Ion Ratio Lower Upper

152 100

115 65.3 30.6 91.6

150 159.4 0.0 348.6





#95
Naphthalene
Concen: 12.207 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083376.D
Acq: 19 Aug 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
SB-5

Tgt Ion:	128	Resp:	100526
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.1	8.6	12.8

