

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082345.D
 Acq On : 28 May 2024 14:29
 Operator : JC\MD
 Sample : P2617-03DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50360DL

Quant Time: May 29 06:50:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

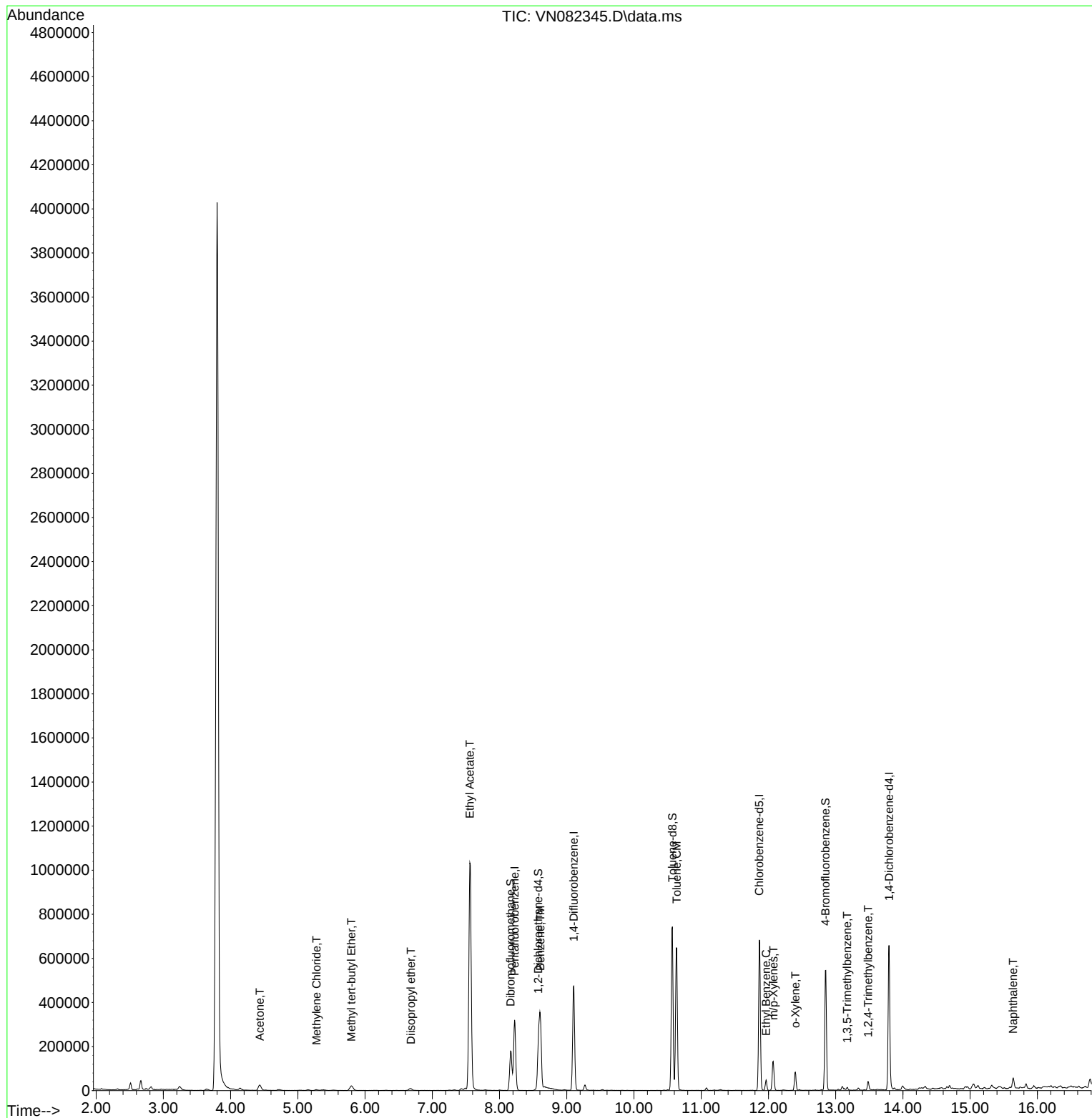
Internal Standards						
1) Pentafluorobenzene	8.224	168	222252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	389008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	369585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172070	49.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	8.165	113	124576	52.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	10.571	98	487843	53.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.340%
62) 4-Bromofluorobenzene	12.847	95	180353	55.076	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	110.160%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	49213	34.185	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	32041	3.611	ug/l	92
20) Methylene Chloride	5.277	84	2122	0.731	ug/l #	86
22) Diisopropyl ether	6.683	45	11419	1.052	ug/l	94
37) Ethyl Acetate	7.559	43	1592372	354.528	ug/l	96
40) Benzene	8.606	78	293074	24.488	ug/l	96
52) Toluene	10.635	92	279788	38.956	ug/l	99
67) Ethyl Benzene	11.965	91	30978	2.121	ug/l	100
68) m/p-Xylenes	12.076	106	40555	7.576	ug/l	94
69) o-Xylene	12.400	106	21242	4.097	ug/l	89
80) 1,3,5-Trimethylbenzene	13.170	105	4851	0.454	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	21299	1.950	ug/l	99
95) Naphthalene	15.641	128	41622	4.390	ug/l	96

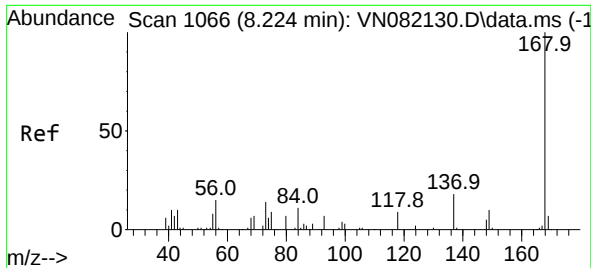
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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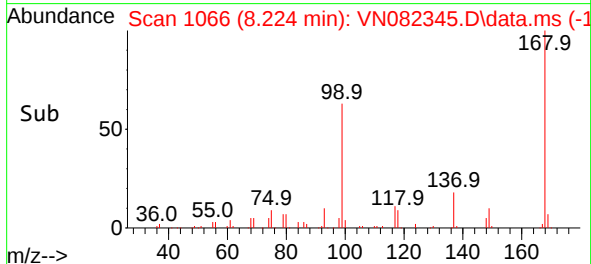
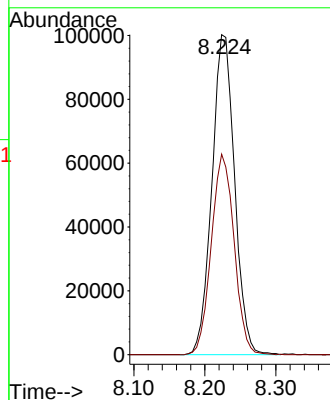
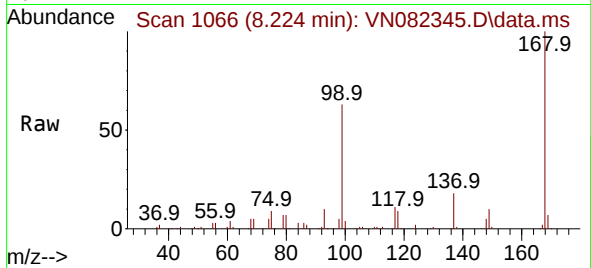




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

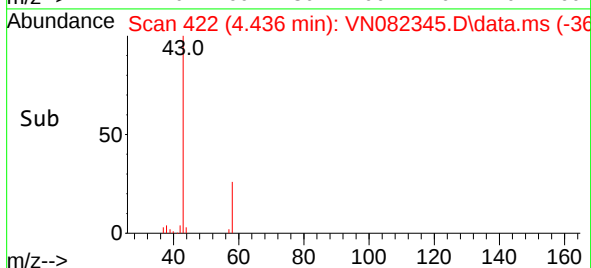
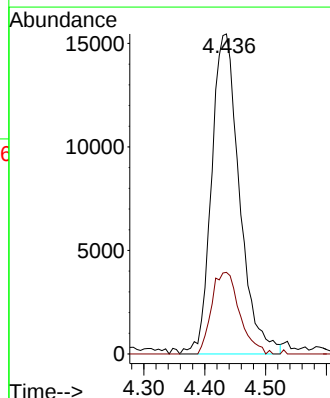
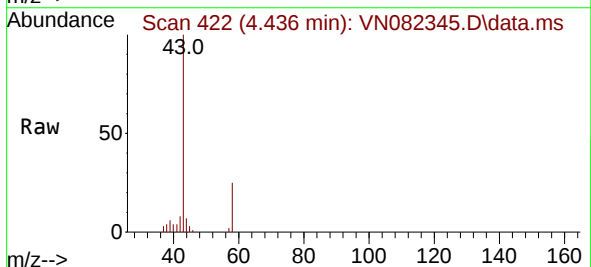
Instrument :
MSVOA_N
ClientSampleId :
50360DL

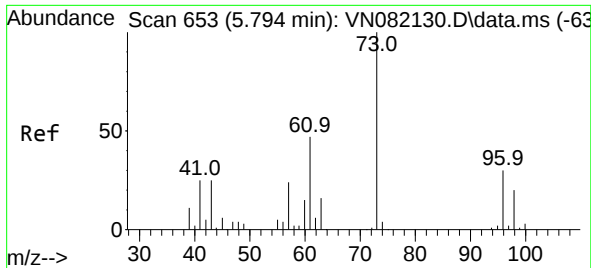
Tgt Ion:168 Resp: 222252
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#16
Acetone
Concen: 34.185 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion: 43 Resp: 49213
Ion Ratio Lower Upper
43 100
58 25.5 25.2 37.8

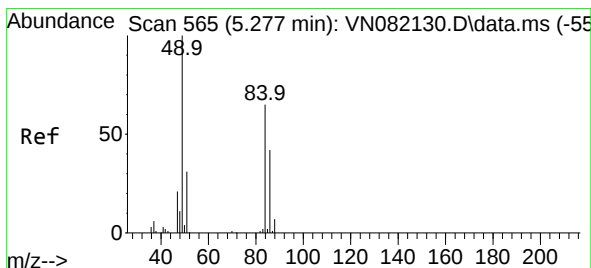
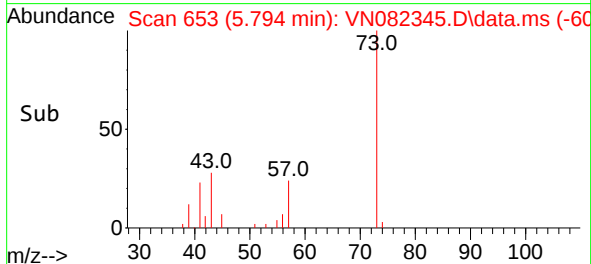
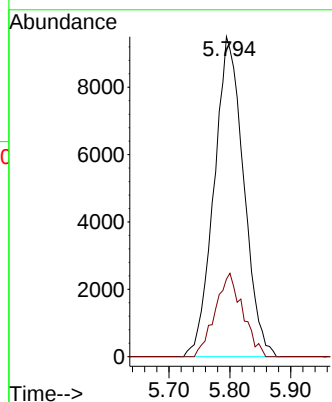
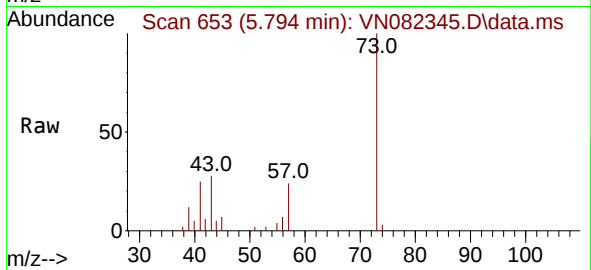




#19
Methyl tert-butyl Ether
Concen: 3.611 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

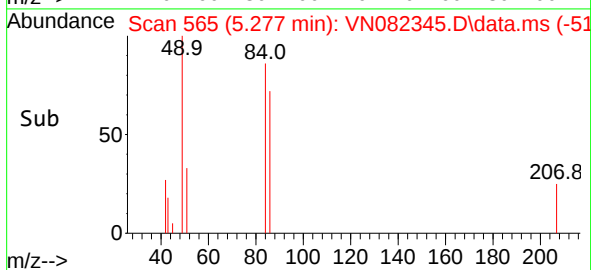
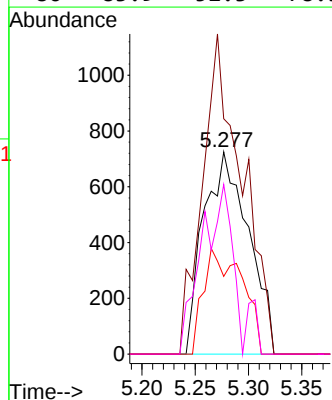
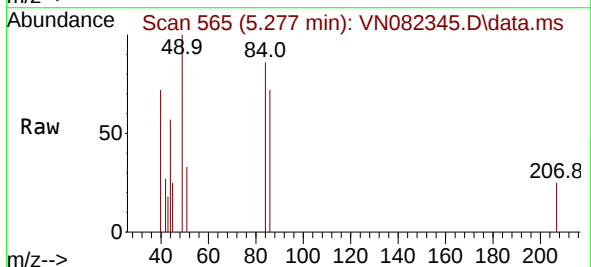
Instrument :
MSVOA_N
ClientSampleId :
50360DL

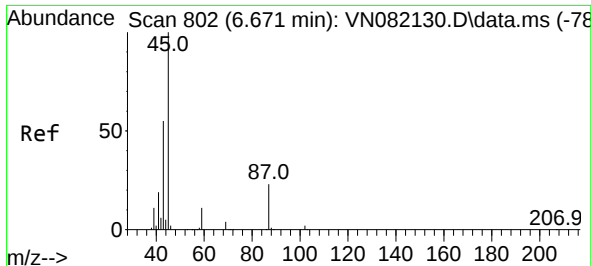
Tgt Ion: 73 Resp: 32041
Ion Ratio Lower Upper
73 100
57 24.3 16.5 24.7



#20
Methylene Chloride
Concen: 0.731 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion: 84 Resp: 2122
Ion Ratio Lower Upper
84 100
49 116.4 84.9 127.3
51 38.5 27.0 40.6
86 83.9 52.3 78.5#

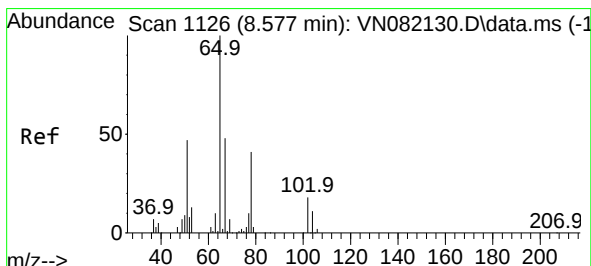
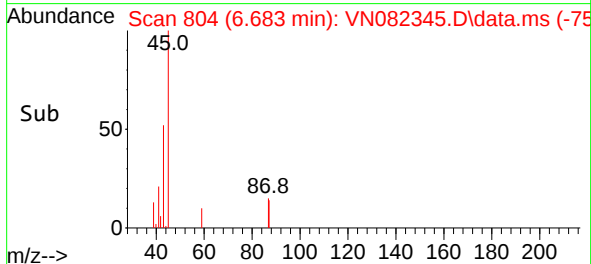
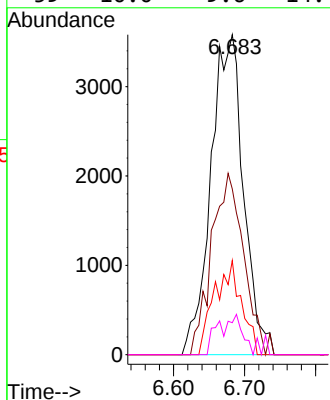
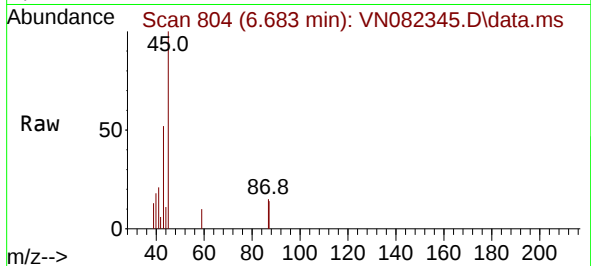




#22
Diisopropyl ether
Concen: 1.052 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.012 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

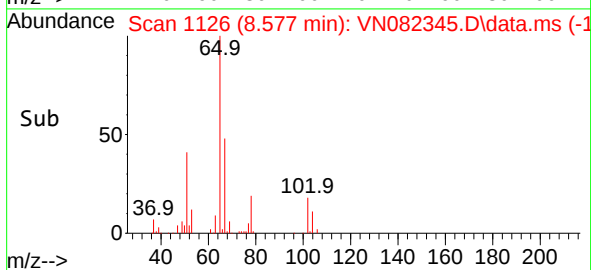
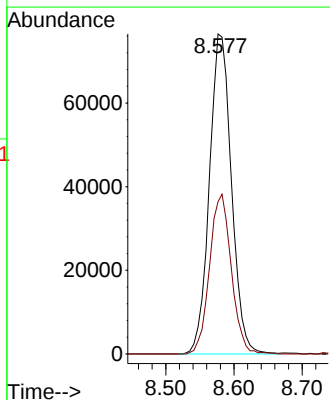
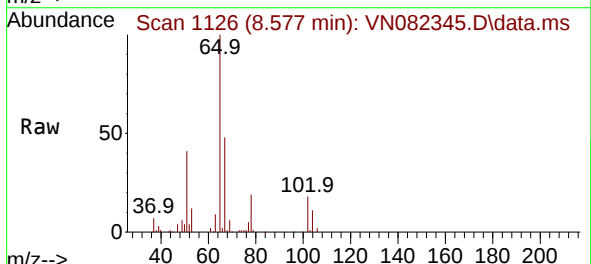
Instrument :
MSVOA_N
ClientSampleId :
50360DL

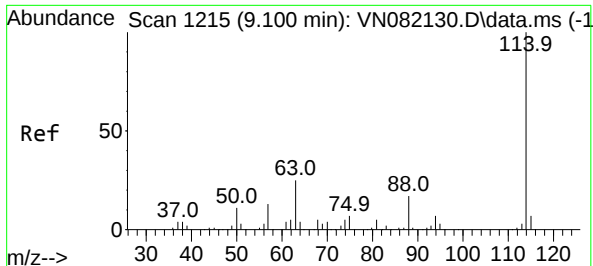
Tgt Ion:	45	Resp:	11419
Ion	Ratio	Lower	Upper
45	100		
43	51.8	44.1	66.1
87	29.4	27.0	40.6
59	10.0	9.6	14.4



#33
1,2-Dichloroethane-d4
Concen: 49.031 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion:	65	Resp:	172070
Ion	Ratio	Lower	Upper
65	100		
67	49.2	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: VN082345.D

Acq: 28 May 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

50360DL

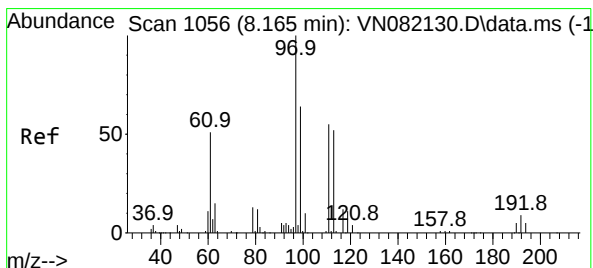
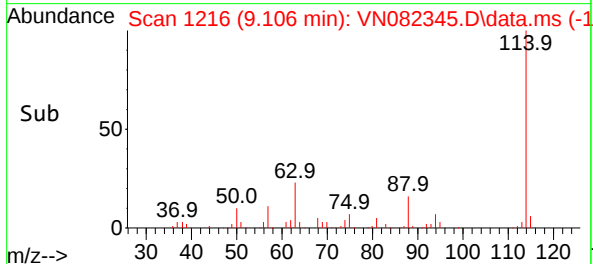
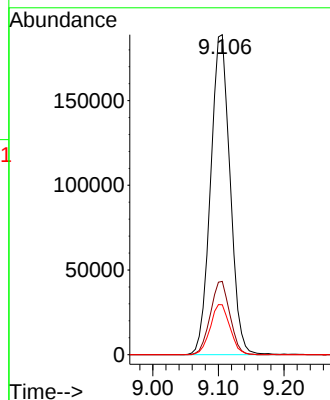
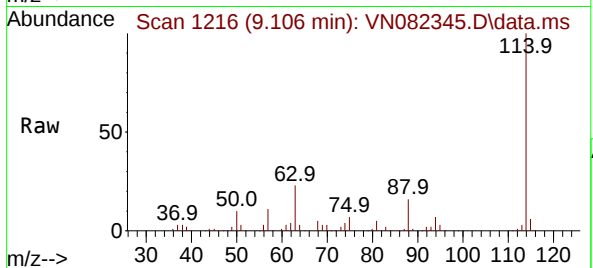
Tgt Ion:114 Resp: 389008

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.059 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082345.D

Acq: 28 May 2024 14:29

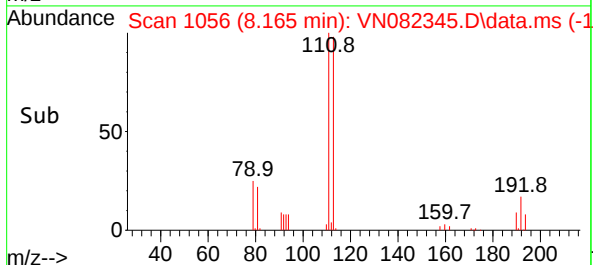
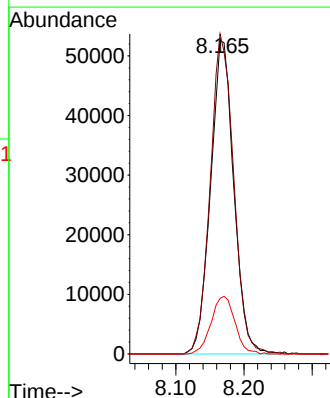
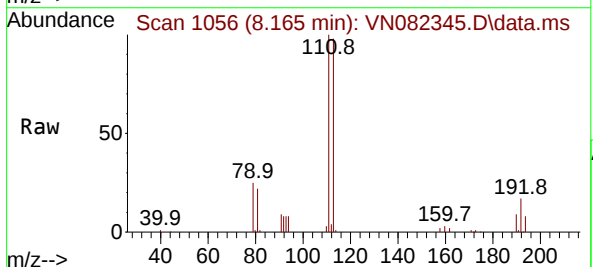
Tgt Ion:113 Resp: 124576

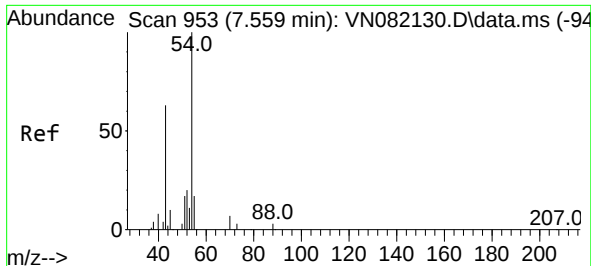
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 18.9 14.0 21.0



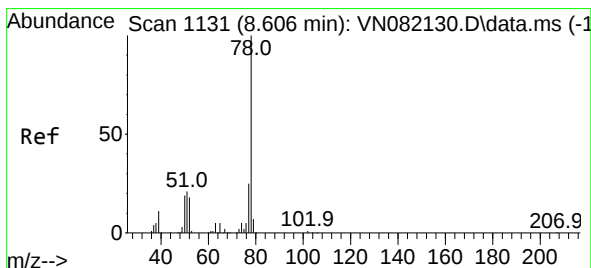
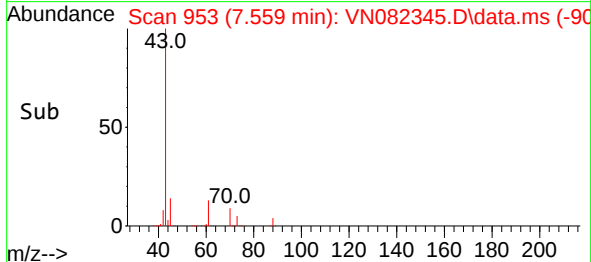
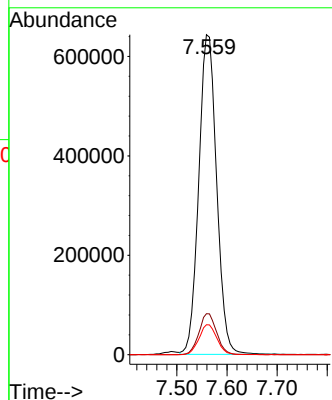
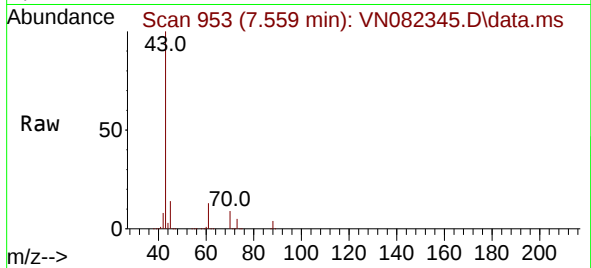


#37
Ethyl Acetate
Concen: 354.528 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Instrument :
MSVOA_N
ClientSampleId :
50360DL

Tgt Ion: 43 Resp: 1592372

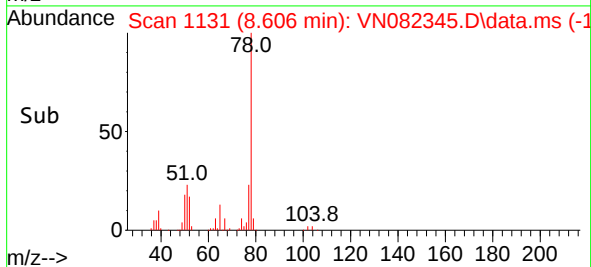
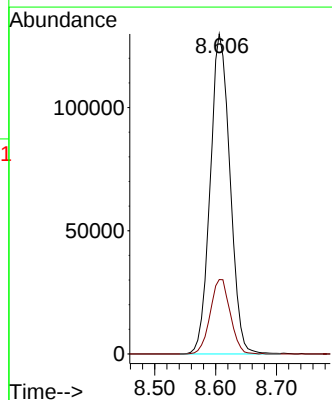
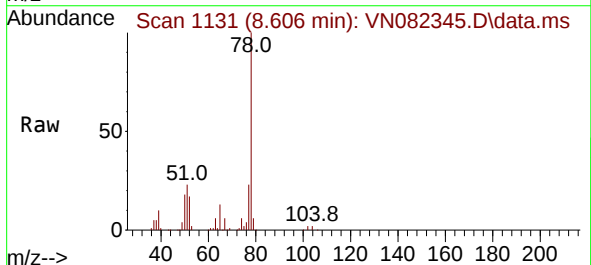
Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.3	16.9
70	9.4	8.7	13.1

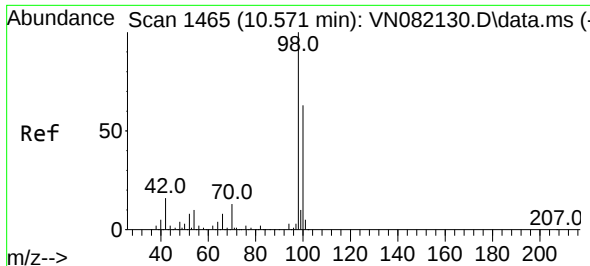


#40
Benzene
Concen: 24.488 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion: 78 Resp: 293074

Ion	Ratio	Lower	Upper
78	100		
77	23.2	20.0	30.0

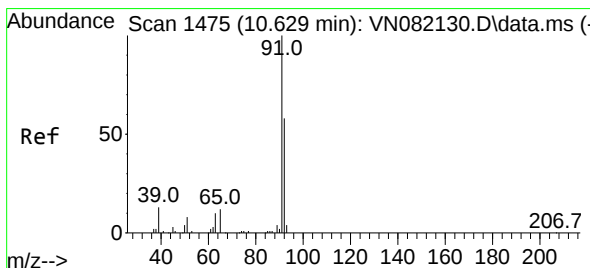
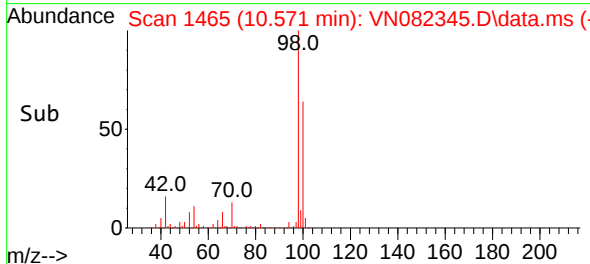
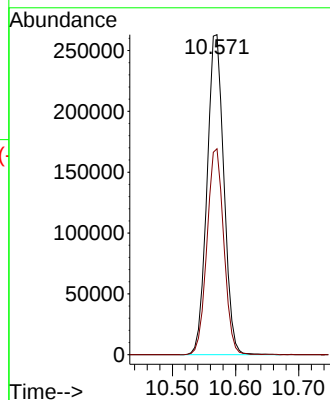
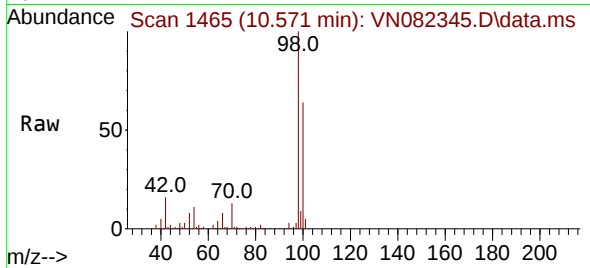




#50
Toluene-d8
Concen: 53.173 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

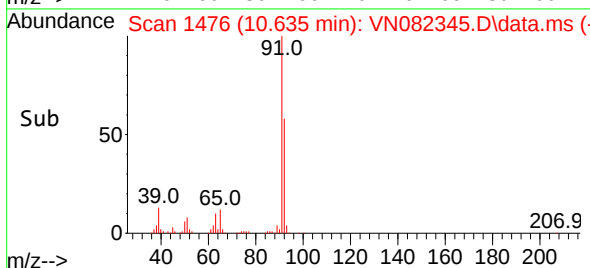
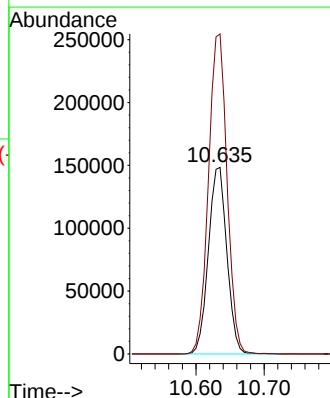
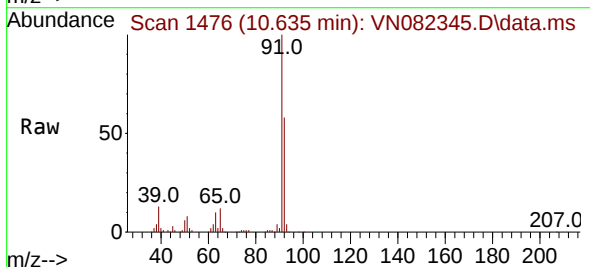
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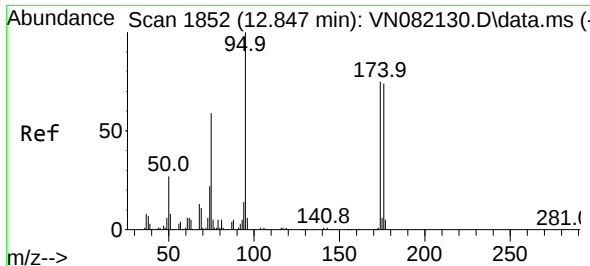
Tgt Ion: 98 Resp: 487843
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#52
Toluene
Concen: 38.956 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion: 92 Resp: 279788
Ion Ratio Lower Upper
92 100
91 172.9 136.7 205.1

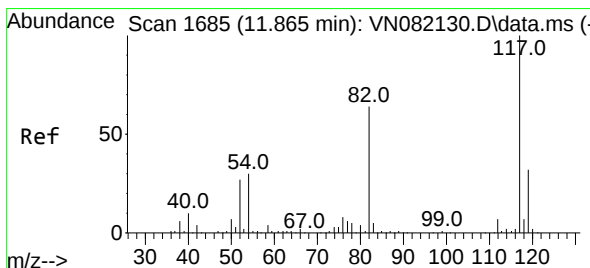
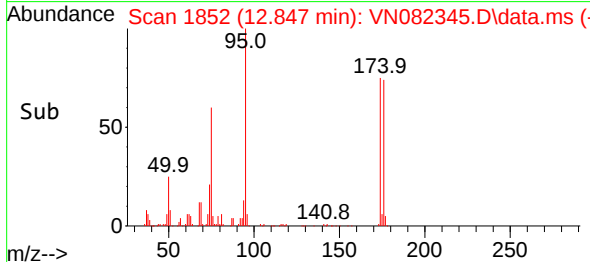
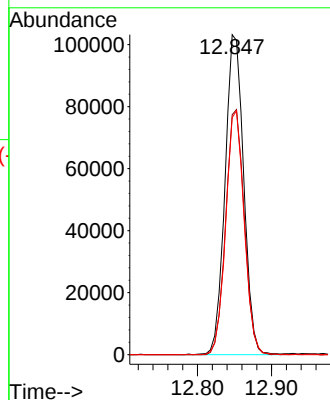
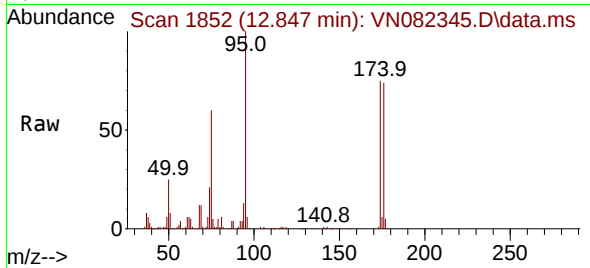




#62
4-Bromofluorobenzene
Concen: 55.076 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

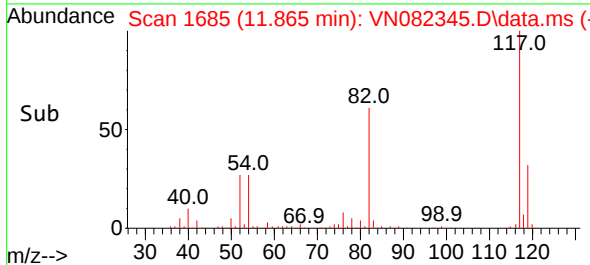
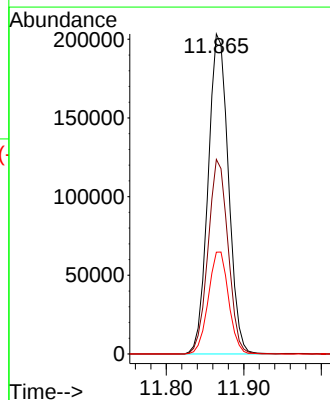
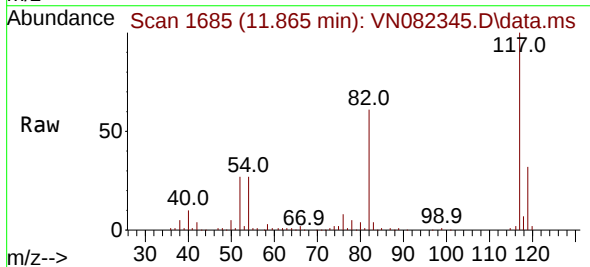
Instrument :
MSVOA_N
ClientSampleId :
50360DL

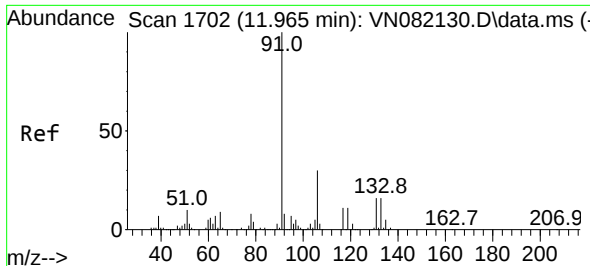
Tgt Ion: 95 Resp: 180353
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 75.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion: 117 Resp: 369585
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 31.8 25.9 38.9

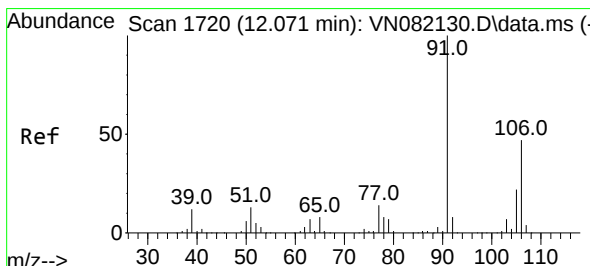
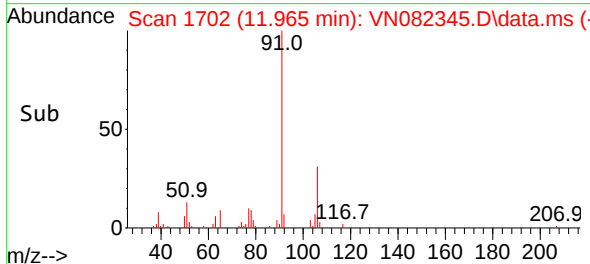
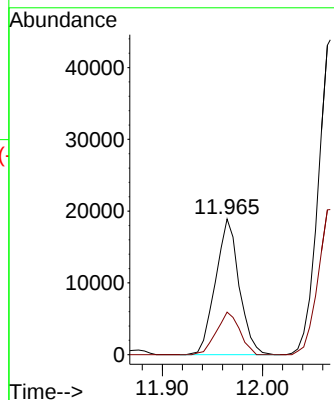
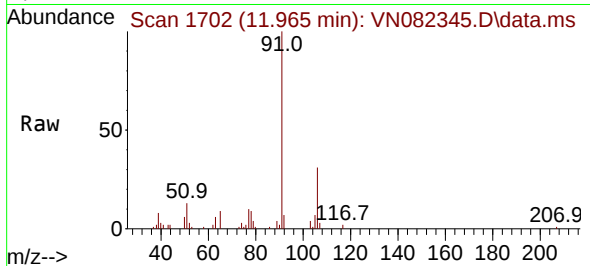




#67
Ethyl Benzene
Concen: 2.121 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

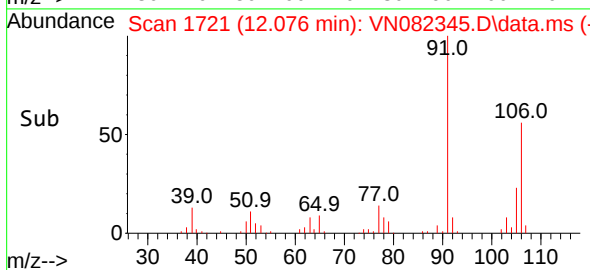
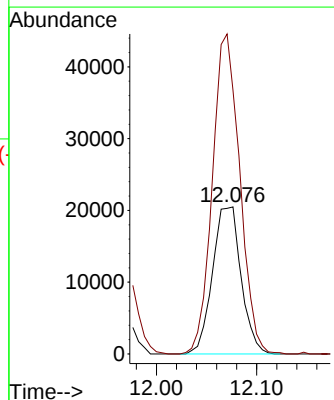
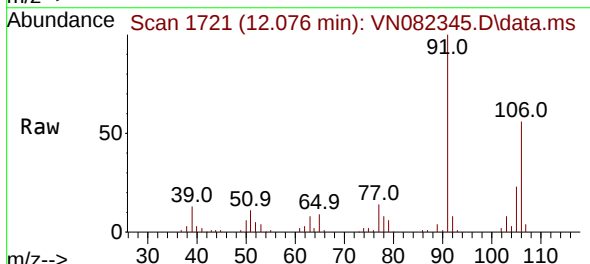
Instrument :
MSVOA_N
ClientSampleId :
50360DL

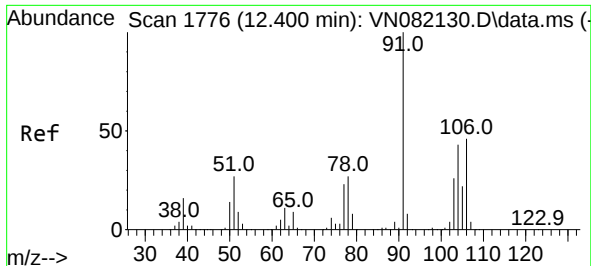
Tgt Ion: 91 Resp: 30978
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 7.576 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion:106 Resp: 40555
Ion Ratio Lower Upper
106 100
91 208.6 159.4 239.0

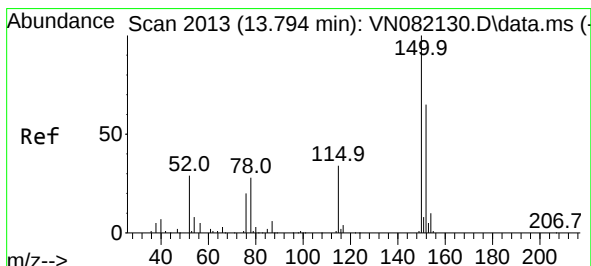
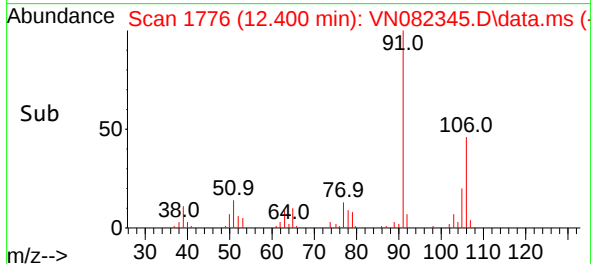
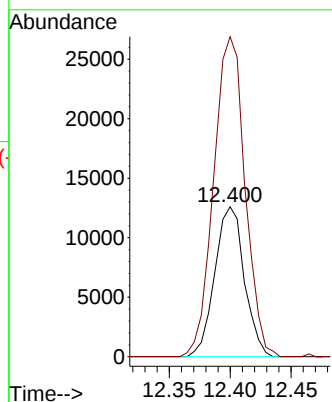
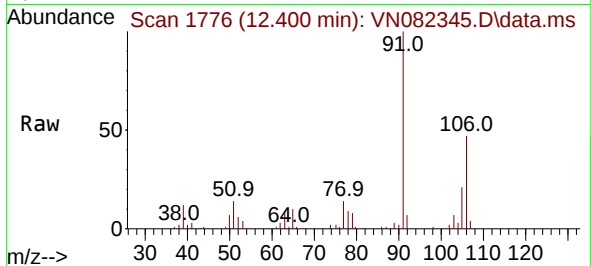




#69
o-Xylene
Concen: 4.097 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

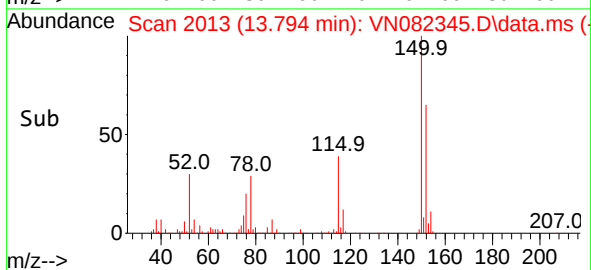
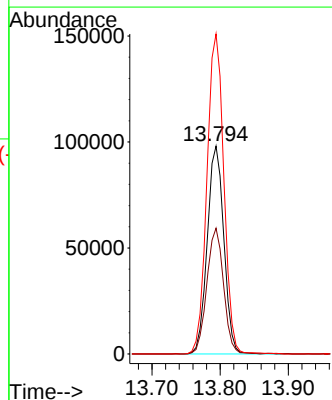
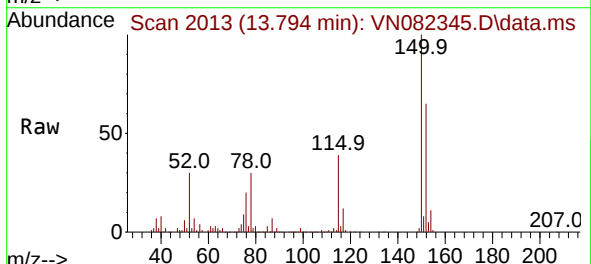
Instrument :
MSVOA_N
ClientSampleId :
50360DL

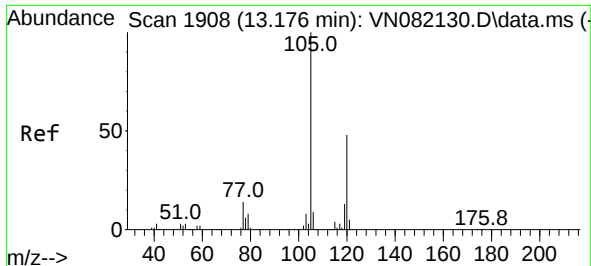
Tgt Ion:106 Resp: 21242
Ion Ratio Lower Upper
106 100
91 226.8 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

Tgt Ion:152 Resp: 166224
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 156.4 0.0 353.2

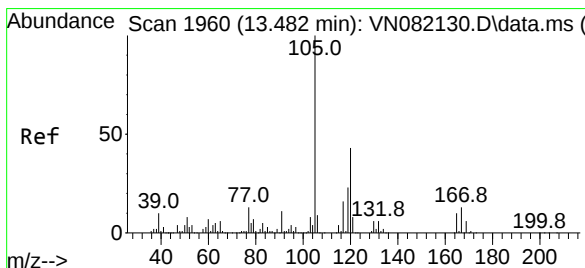
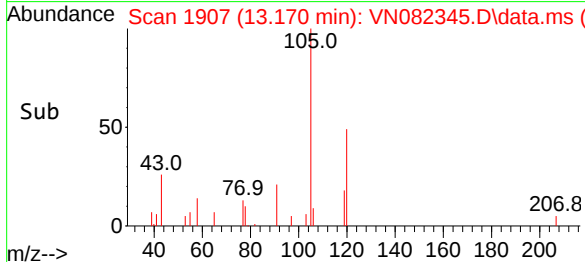
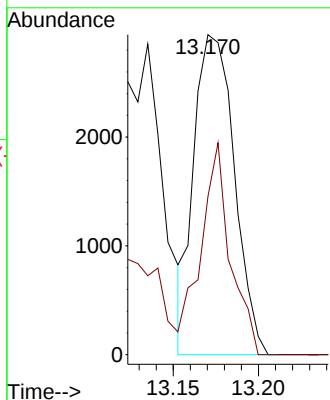
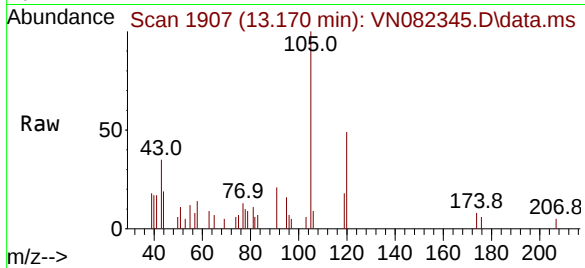




#80
1,3,5-Trimethylbenzene
Concen: 0.454 ug/l
RT: 13.170 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

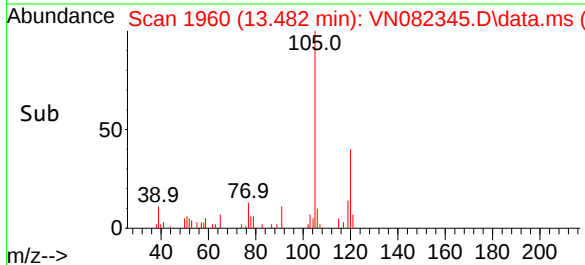
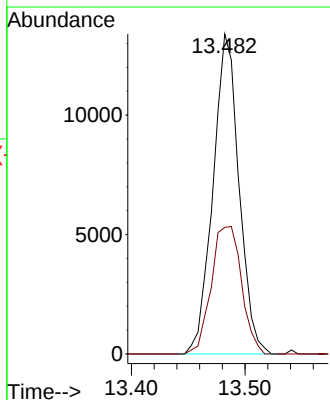
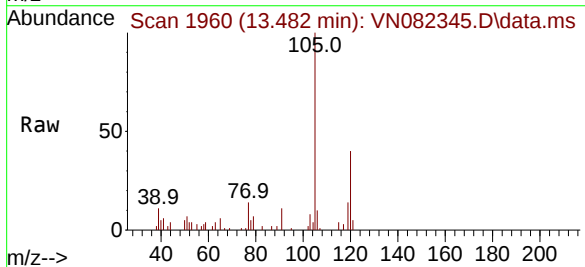
Instrument :
MSVOA_N
ClientSampleId :
50360DL

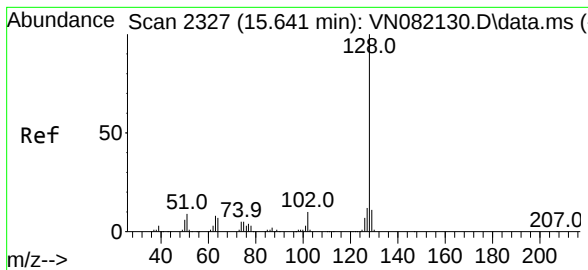
Tgt Ion:105 Resp: 4851
Ion Ratio Lower Upper
105 100
120 48.2 24.8 74.3



#84
1,2,4-Trimethylbenzene
Concen: 1.950 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082345.D
Acq: 28 May 2024 14:29

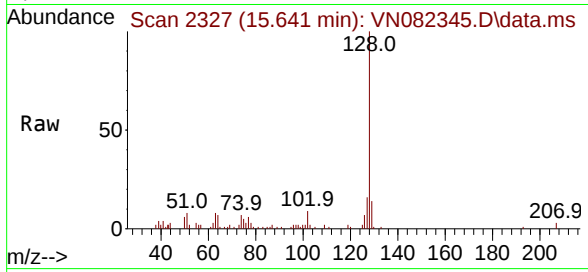
Tgt Ion:105 Resp: 21299
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.7





#95
 Naphthalene
 Concen: 4.390 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082345.D
 Acq: 28 May 2024 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
 50360DL



Tgt Ion:	128	Resp:	41622
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.1	15.1
129	11.7	8.9	13.3

