

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081860.D
 Acq On : 25 Apr 2024 19:04
 Operator : JC\MD
 Sample : P2257-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 416A

Quant Time: Apr 26 05:40:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

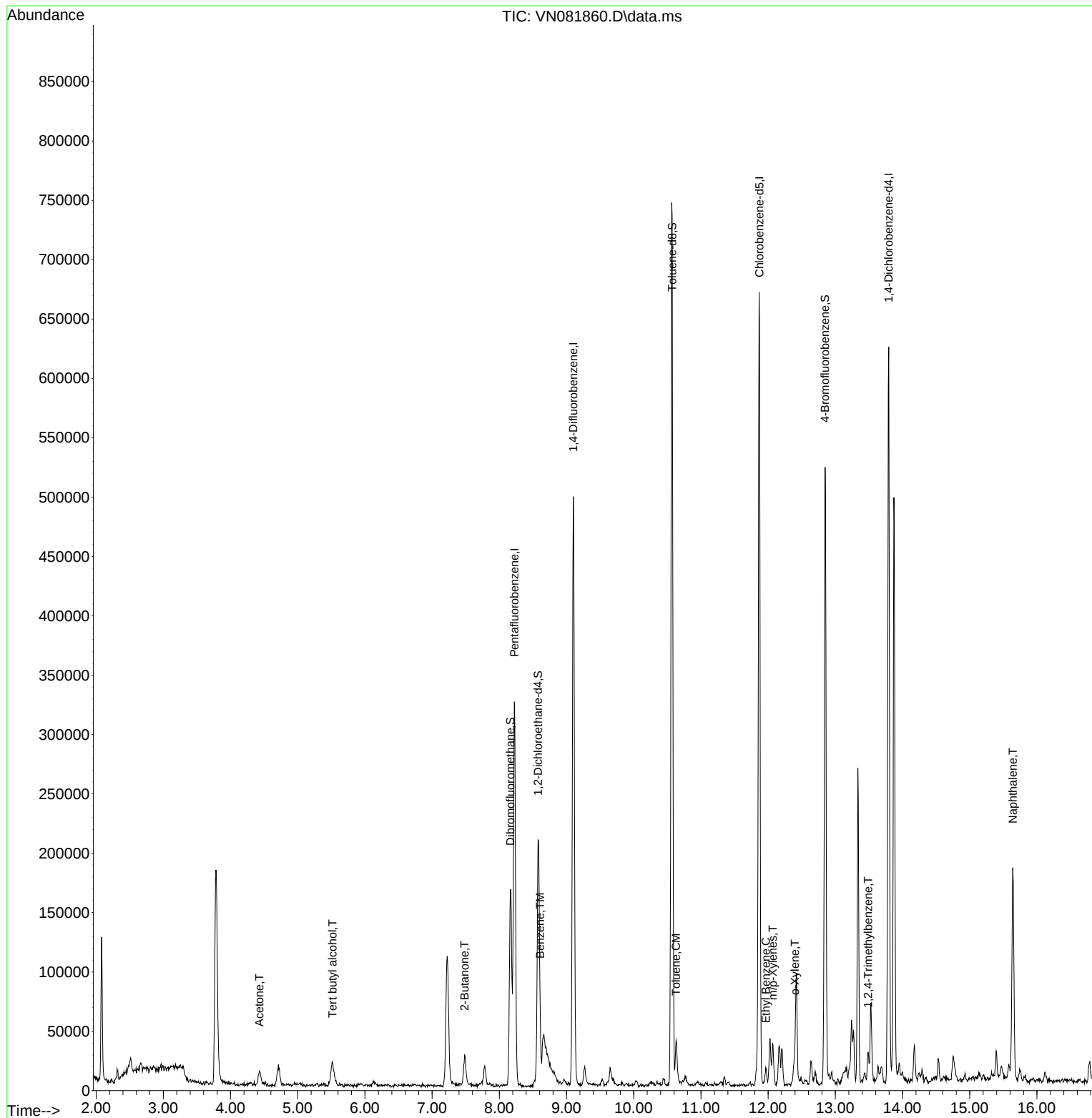
Internal Standards						
1) Pentafluorobenzene	8.224	168	219308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	406469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	356763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168844	45.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.240%		
35) Dibromofluoromethane	8.165	113	122322	49.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	10.571	98	506952	52.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.480%		
62) 4-Bromofluorobenzene	12.847	95	185414	48.800	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	97.600%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	36947	54.910	ug/l	99
16) Acetone	4.430	43	22306	15.246	ug/l #	82
25) 2-Butanone	7.483	43	40594	19.323	ug/l #	82
40) Benzene	8.606	78	25479	2.132	ug/l	98
52) Toluene	10.630	92	14977	2.092	ug/l	99
67) Ethyl Benzene	11.965	91	8322	0.574	ug/l	100
68) m/p-Xylenes	12.071	106	10133	1.961	ug/l	93
69) o-Xylene	12.400	106	5340	1.058	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	8123	0.712	ug/l	88
95) Naphthalene	15.641	128	154007	14.424	ug/l	99

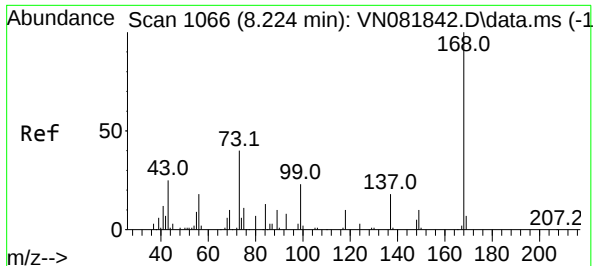
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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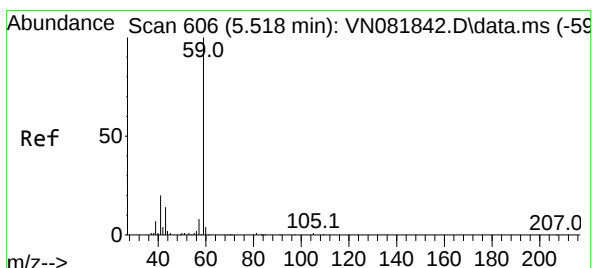
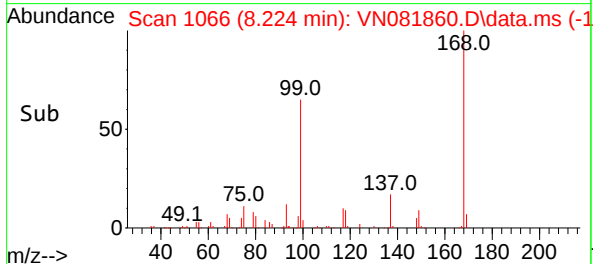
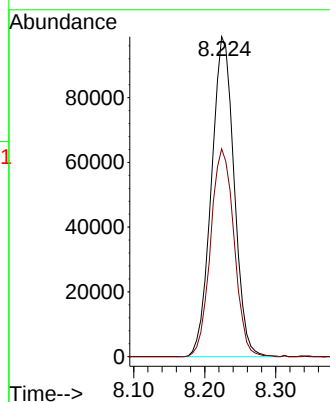
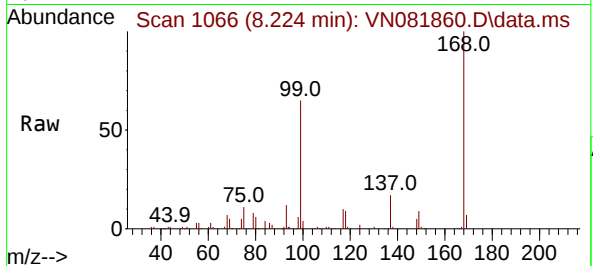




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

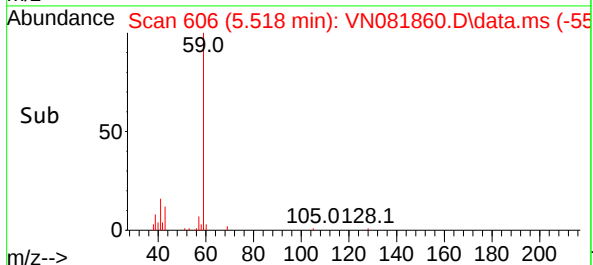
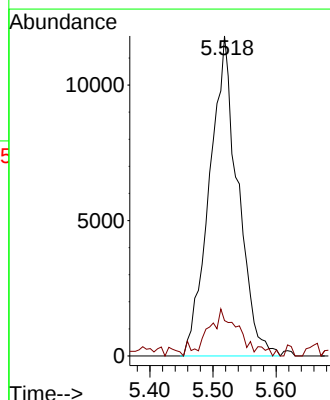
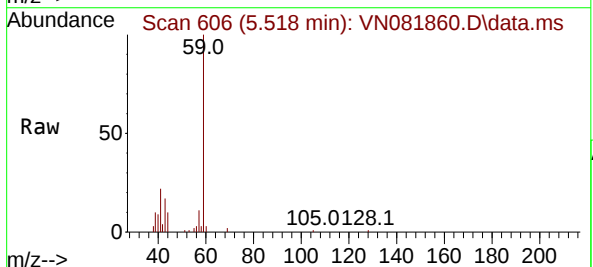
Instrument :
MSVOA_N
ClientSampleId :
416A

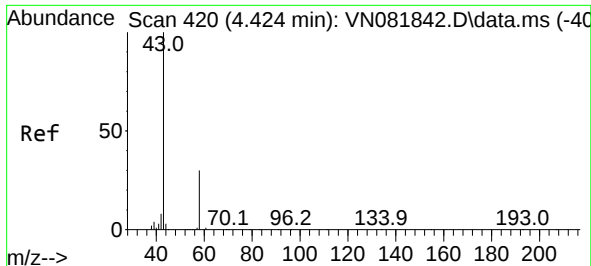
Tgt Ion:168 Resp: 219308
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 54.910 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

Tgt Ion: 59 Resp: 36947
Ion Ratio Lower Upper
59 100
57 11.4 8.9 13.3

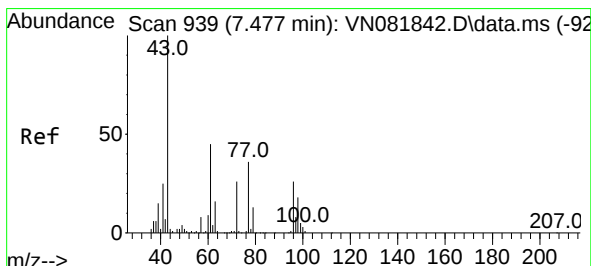
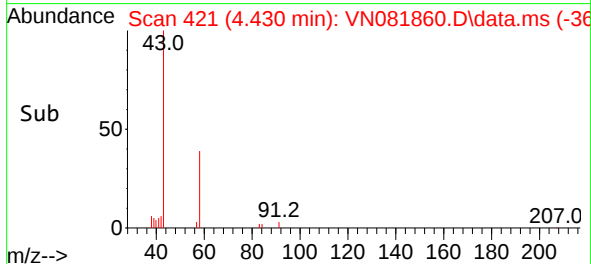
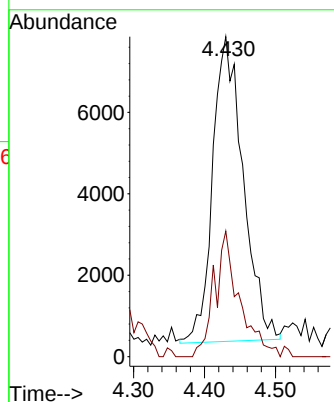
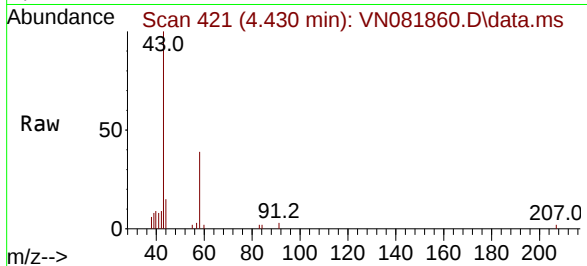




#16
Acetone
Concen: 15.246 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

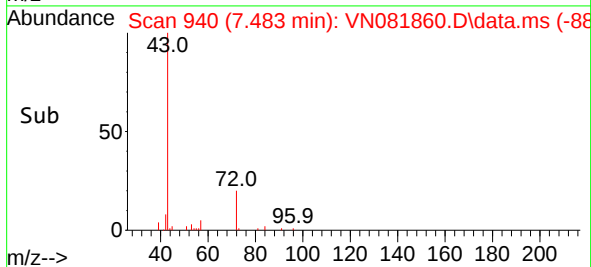
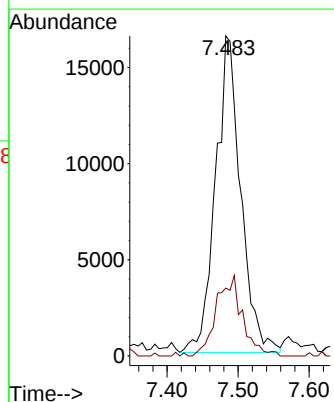
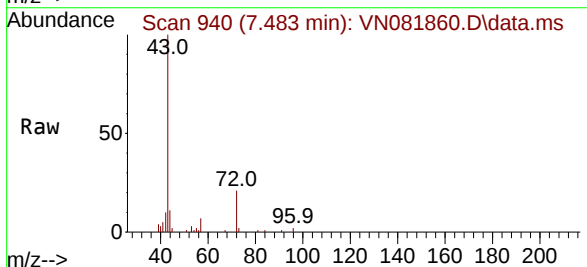
Instrument :
MSVOA_N
ClientSampleId :
416A

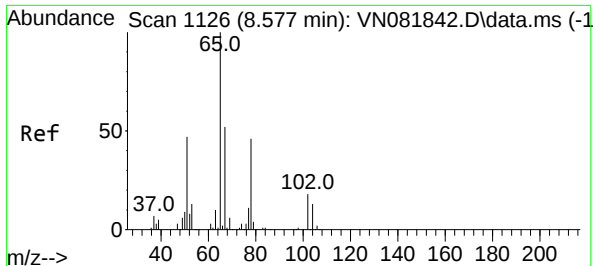
Tgt Ion: 43 Resp: 22306
Ion Ratio Lower Upper
43 100
58 41.5 25.2 37.8#



#25
2-Butanone
Concen: 19.323 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

Tgt Ion: 43 Resp: 40594
Ion Ratio Lower Upper
43 100
72 21.4 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 45.617 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081860.D

Acq: 25 Apr 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

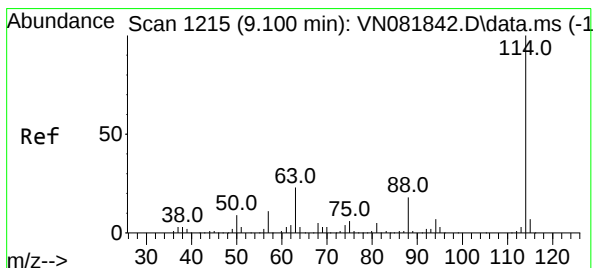
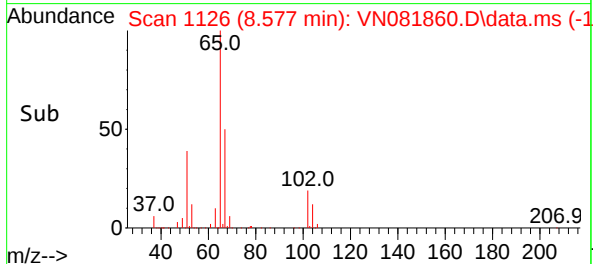
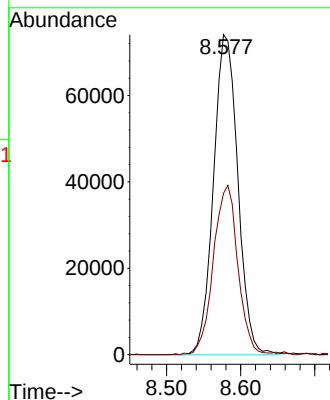
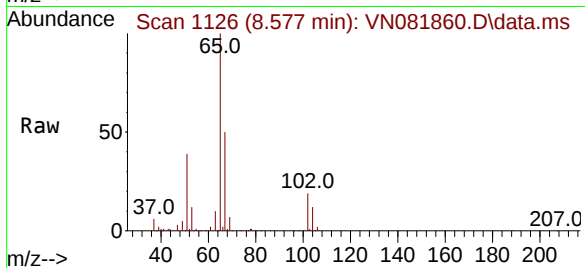
416A

Tgt Ion: 65 Resp: 168844

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081860.D

Acq: 25 Apr 2024 19:04

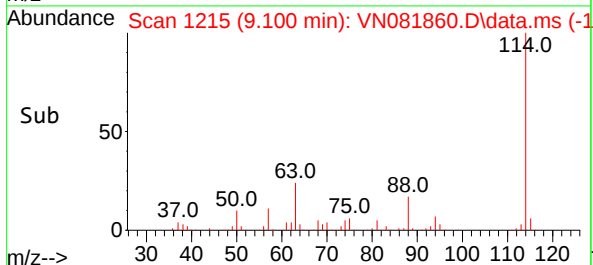
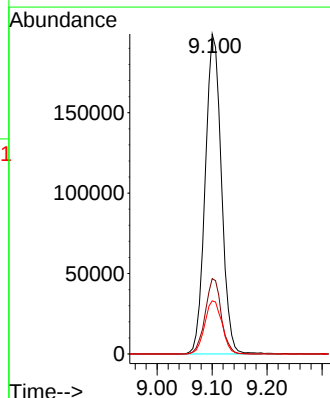
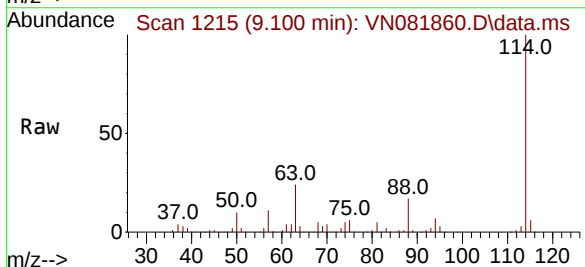
Tgt Ion: 114 Resp: 406469

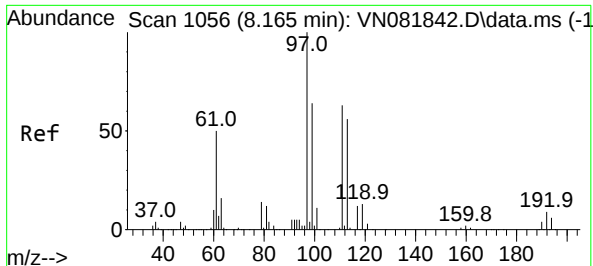
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.983 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081860.D

Acq: 25 Apr 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

416A

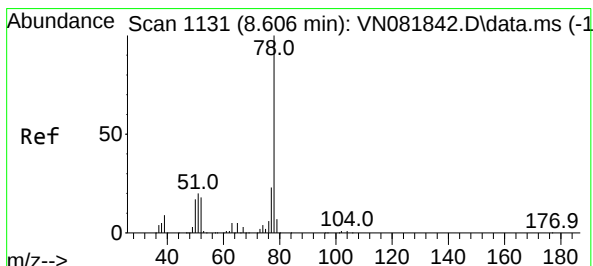
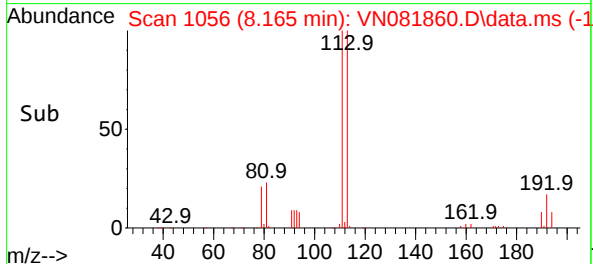
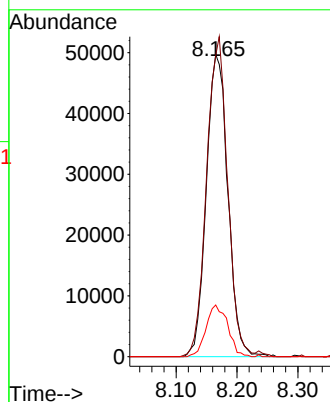
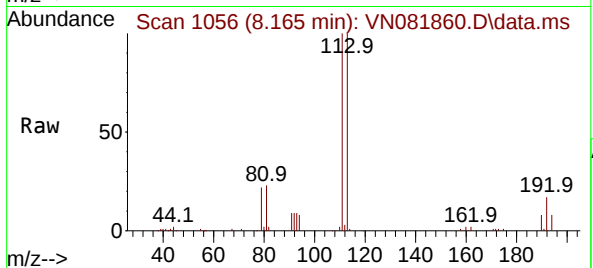
Tgt Ion:113 Resp: 122322

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 17.2 14.0 21.0



#40

Benzene

Concen: 2.132 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081860.D

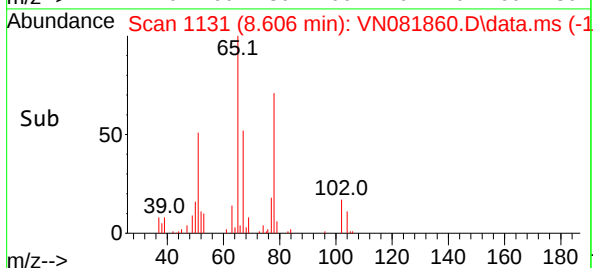
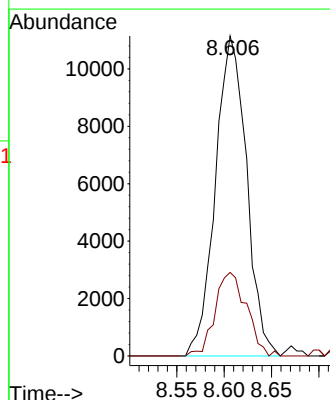
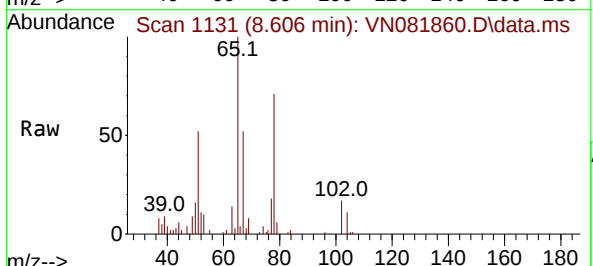
Acq: 25 Apr 2024 19:04

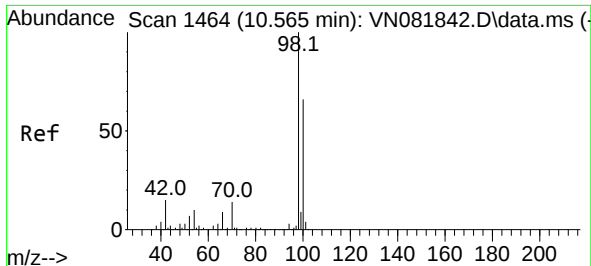
Tgt Ion: 78 Resp: 25479

Ion Ratio Lower Upper

78 100

77 26.1 20.0 30.0

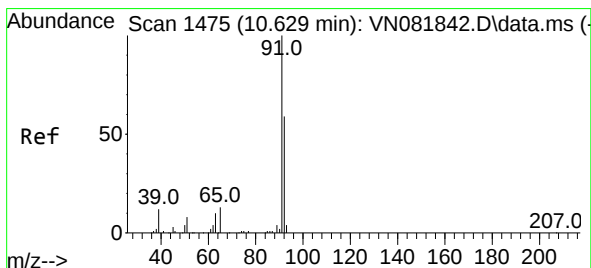
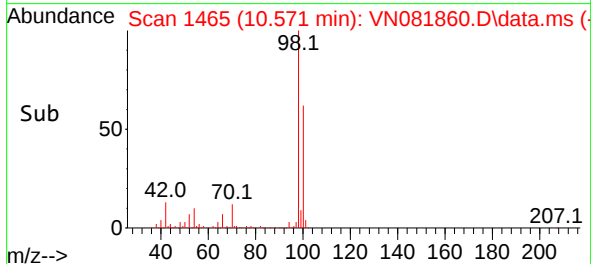
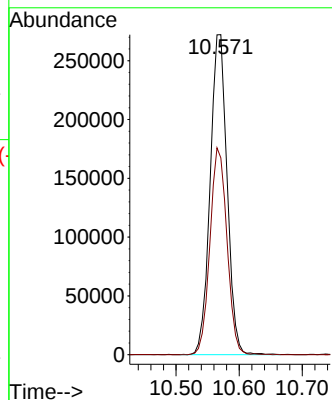
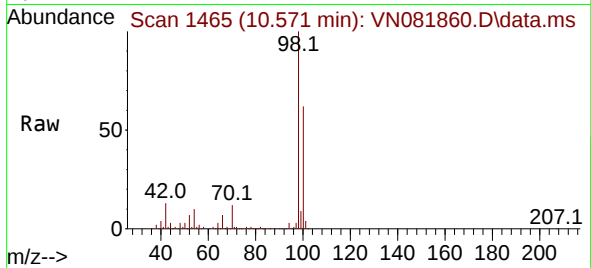




#50
Toluene-d8
Concen: 52.744 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

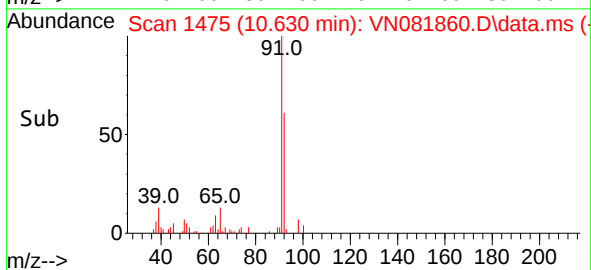
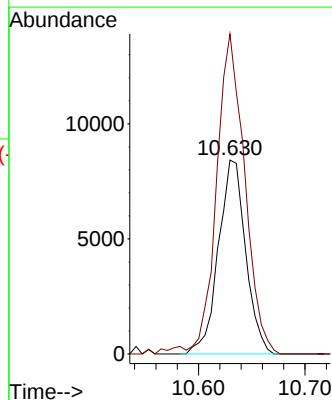
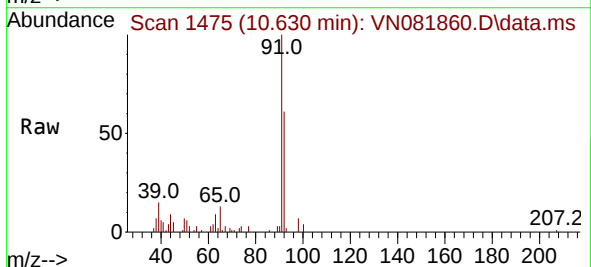
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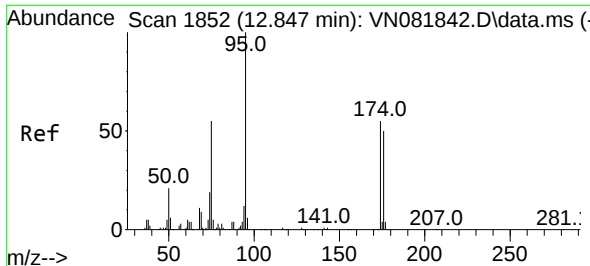
Tgt Ion: 98 Resp: 506952
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#52
Toluene
Concen: 2.092 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

Tgt Ion: 92 Resp: 14977
Ion Ratio Lower Upper
92 100
91 172.4 136.7 205.1

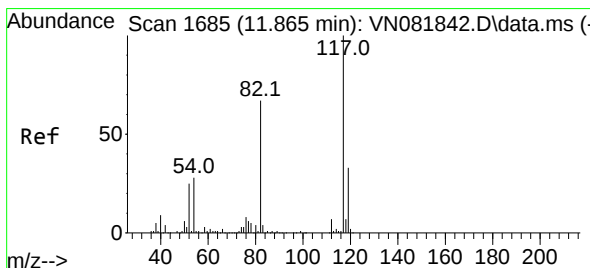
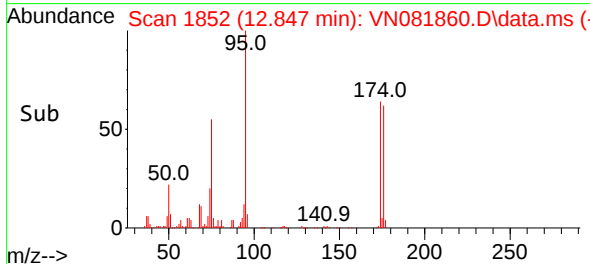
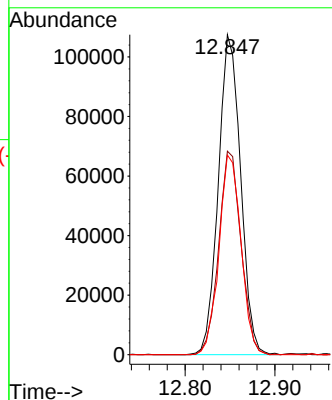
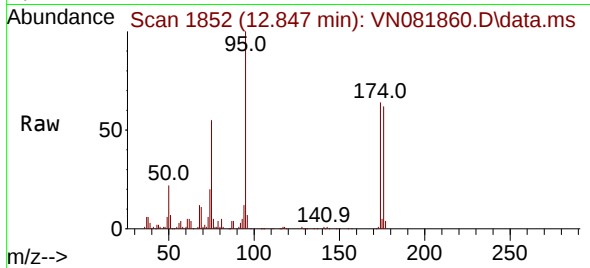




#62
4-Bromofluorobenzene
Concen: 48.800 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

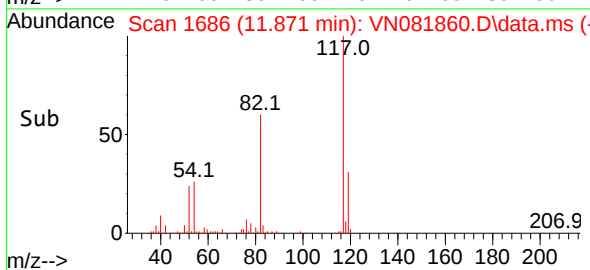
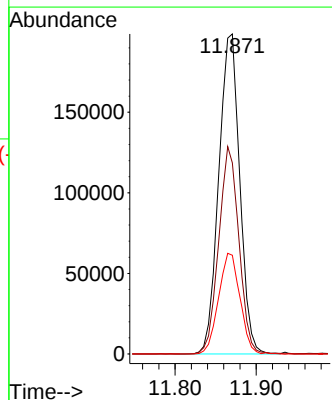
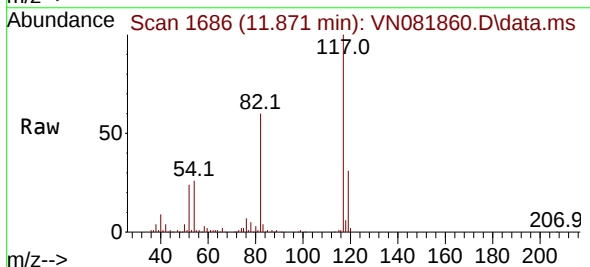
Instrument :
MSVOA_N
ClientSampleId :
416A

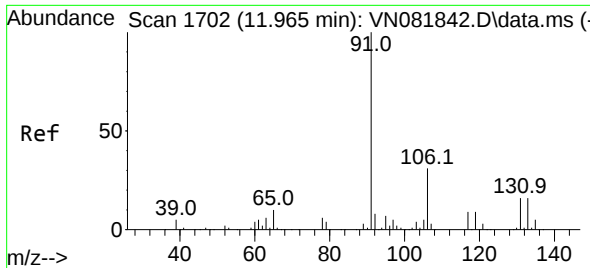
Tgt Ion: 95 Resp: 185414
Ion Ratio Lower Upper
95 100
174 63.7 0.0 160.6
176 61.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

Tgt Ion: 117 Resp: 356763
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 30.9 25.9 38.9

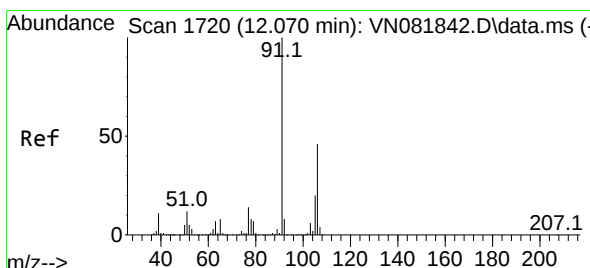
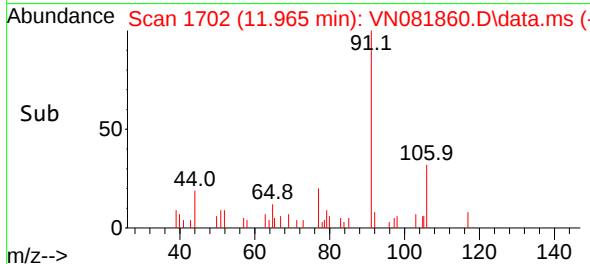
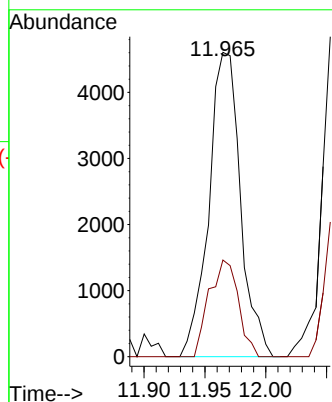
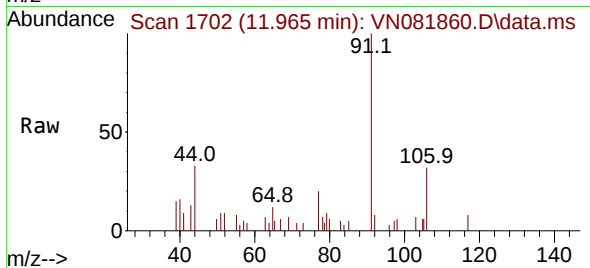




#67
Ethyl Benzene
Concen: 0.574 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

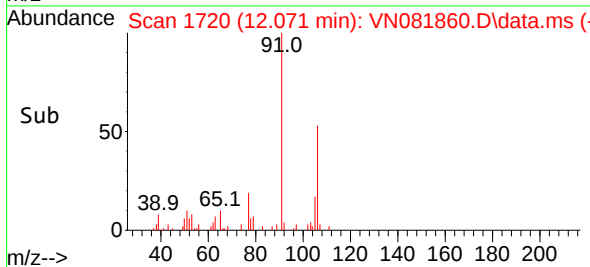
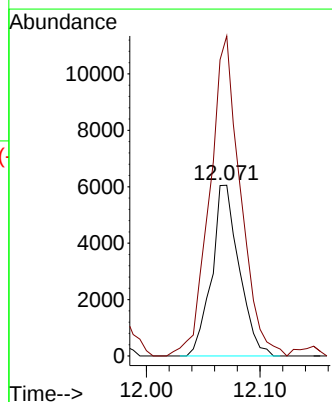
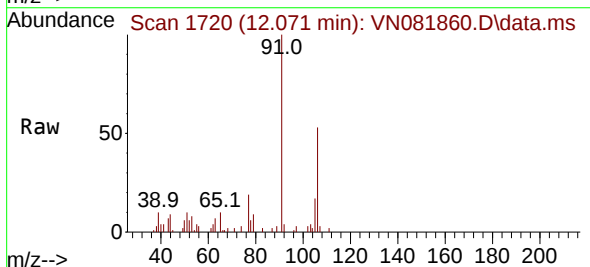
Instrument :
MSVOA_N
ClientSampleId :
416A

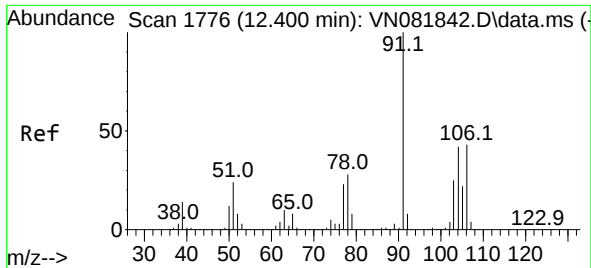
Tgt Ion: 91 Resp: 8322
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 1.961 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

Tgt Ion: 106 Resp: 10133
Ion Ratio Lower Upper
106 100
91 210.0 159.4 239.0

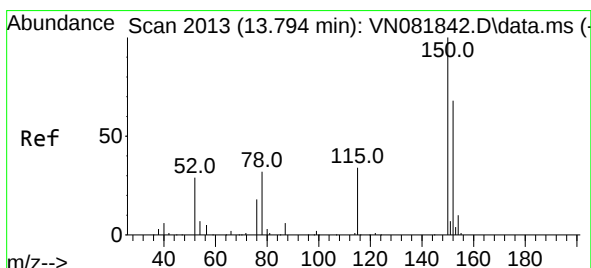
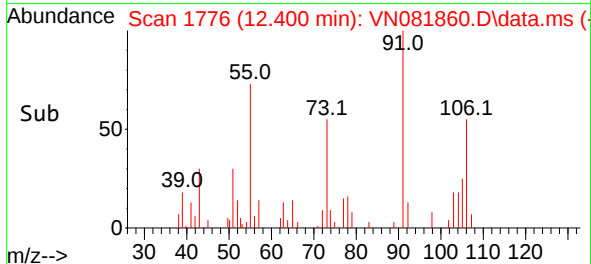
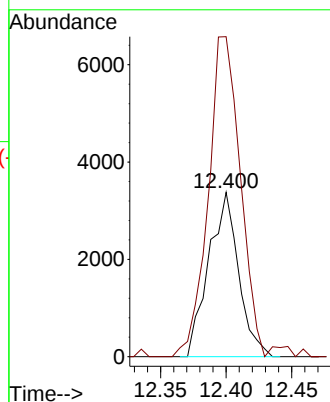
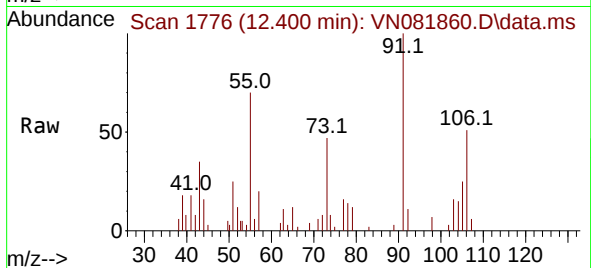




#69
o-Xylene
Concen: 1.058 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

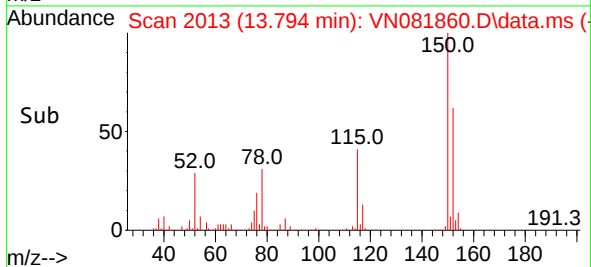
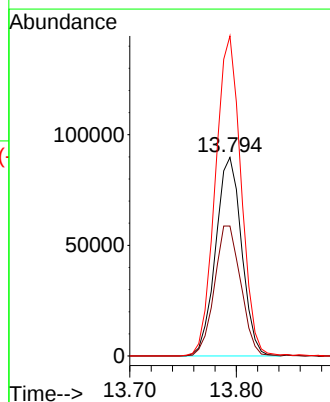
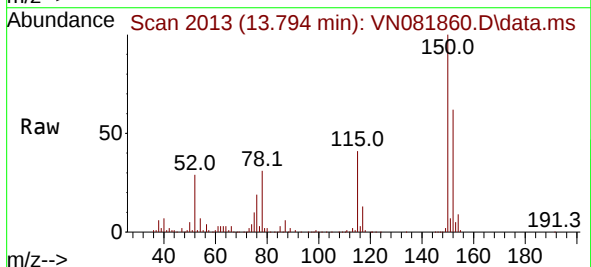
Instrument :
MSVOA_N
ClientSampleId :
416A

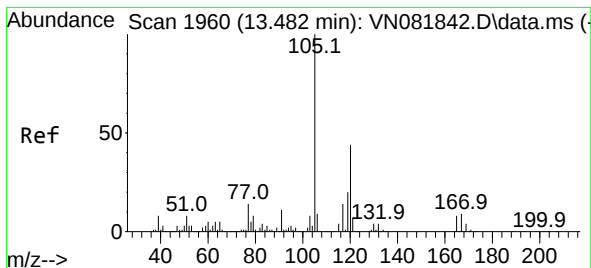
Tgt Ion:106 Resp: 5340
Ion Ratio Lower Upper
106 100
91 212.2 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081860.D
Acq: 25 Apr 2024 19:04

Tgt Ion:152 Resp: 151762
Ion Ratio Lower Upper
152 100
115 66.6 30.4 91.3
150 159.4 0.0 353.2





#84

1,2,4-Trimethylbenzene

Concen: 0.712 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN081860.D

Acq: 25 Apr 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

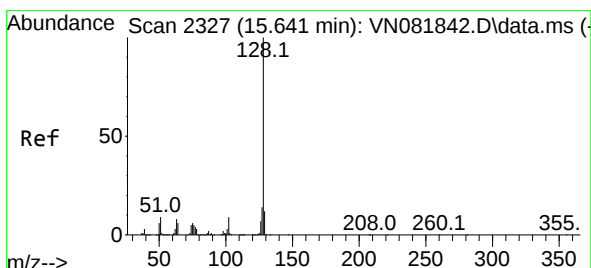
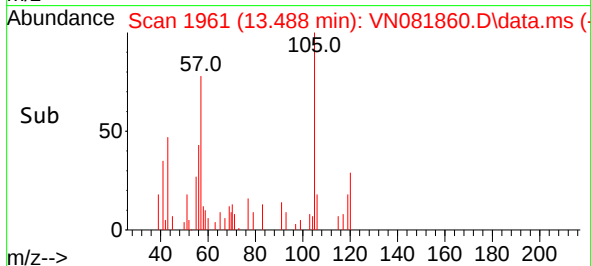
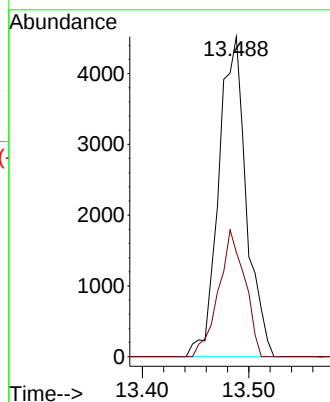
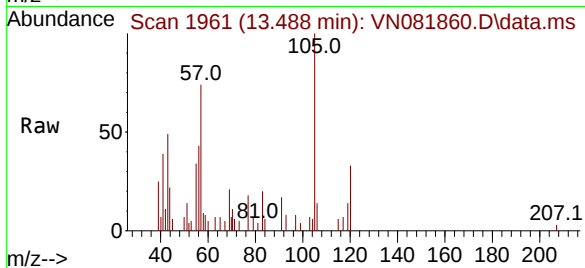
416A

Tgt Ion:105 Resp: 8123

Ion Ratio Lower Upper

105 100

120 37.7 22.9 68.7



#95

Naphthalene

Concen: 14.424 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081860.D

Acq: 25 Apr 2024 19:04

Tgt Ion:128 Resp: 154007

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.4 8.9 13.3

