

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082205.D
 Acq On : 20 May 2024 13:22
 Operator : JC\MD
 Sample : P2502-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240515064-02-VOADL

Quant Time: May 21 04:12:00 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)

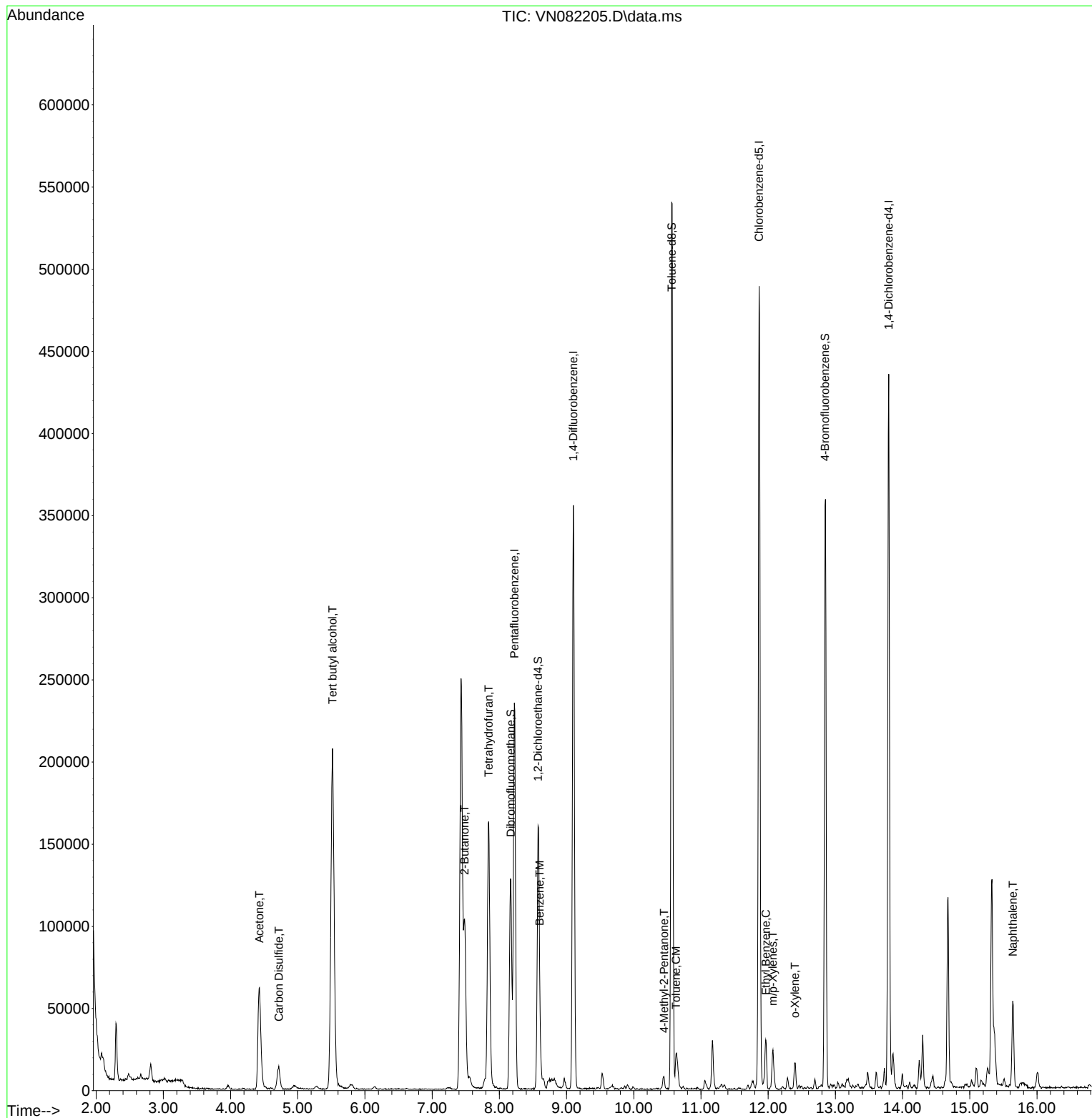
Internal Standards						
1) Pentafluorobenzene	8.224	168	161517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129985	50.967	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.940%			
35) Dibromofluoromethane	8.171	113	89309	51.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.940%			
50) Toluene-d8	10.565	98	354604	53.823	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%			
62) 4-Bromofluorobenzene	12.847	95	118956	50.587	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	362180	884.672	ug/l	99
16) Acetone	4.430	43	119830	114.536	ug/l	93
17) Carbon Disulfide	4.718	76	19888	3.491	ug/l	98
25) 2-Butanone	7.483	43	172133	108.517	ug/l #	81
29) Tetrahydrofuran	7.841	42	131746	129.360	ug/l #	82
40) Benzene	8.600	78	10354	1.205	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	7077	2.179	ug/l #	74
52) Toluene	10.629	92	7973	1.546	ug/l	93
67) Ethyl Benzene	11.965	91	20397	1.991	ug/l	95
68) m/p-Xylenes	12.070	106	7329	1.952	ug/l	99
69) o-Xylene	12.400	106	4425	1.217	ug/l	93
95) Naphthalene	15.641	128	47735	7.767	ug/l	99

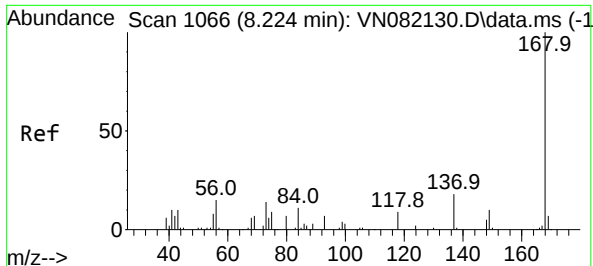
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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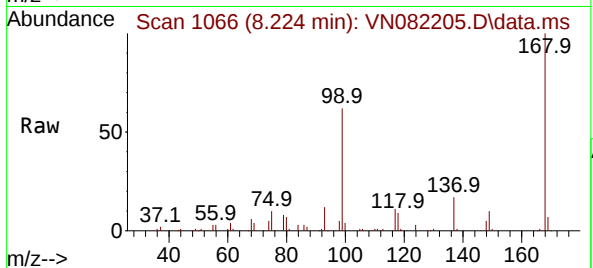
Quant Time: May 21 04:12:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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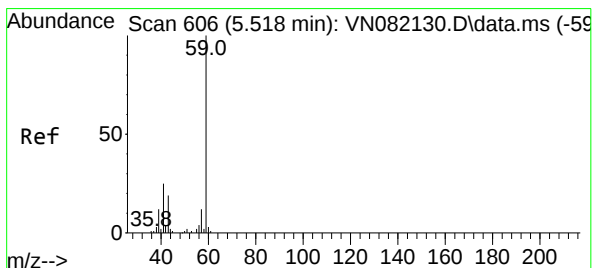
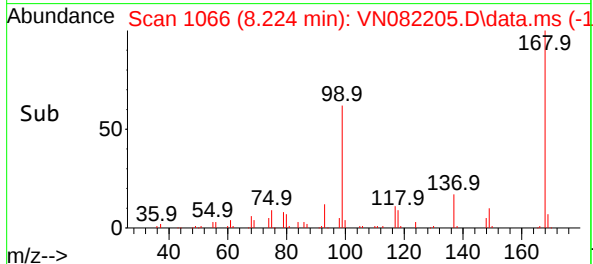
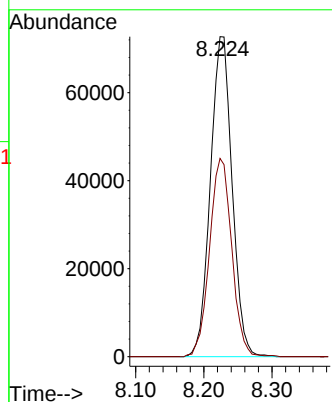


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :
240515064-02-VOADL

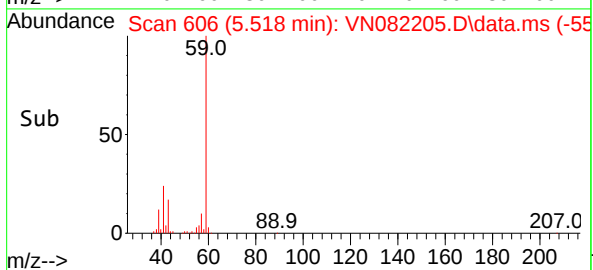
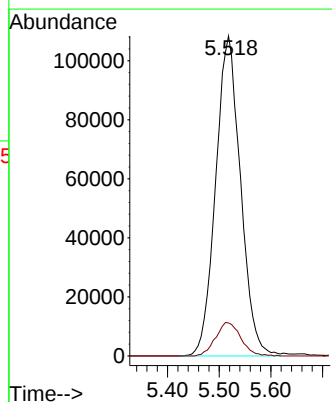
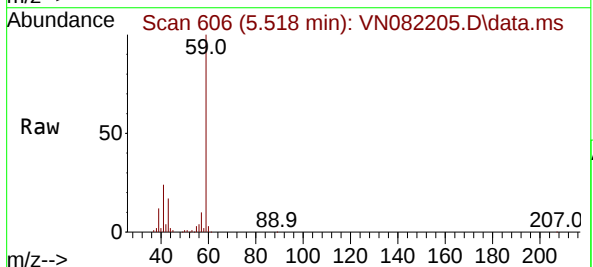


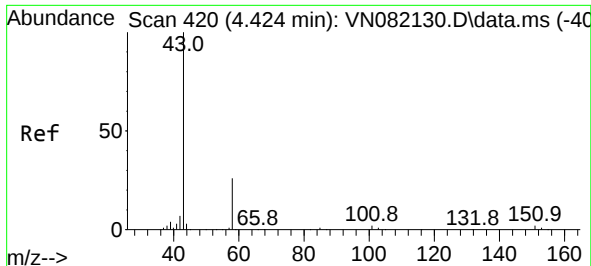
Tgt Ion:168 Resp: 161517
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 884.672 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion: 59 Resp: 362180
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

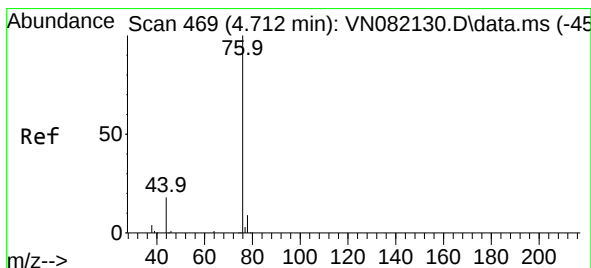
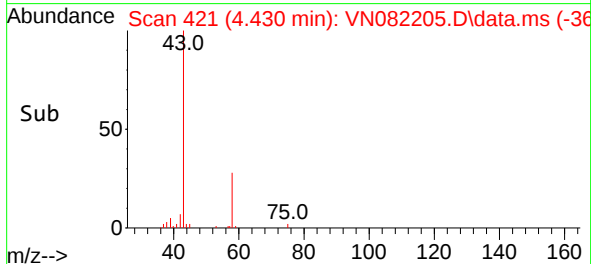
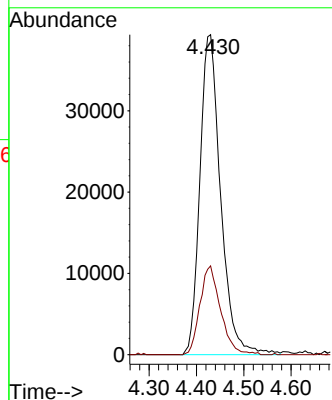
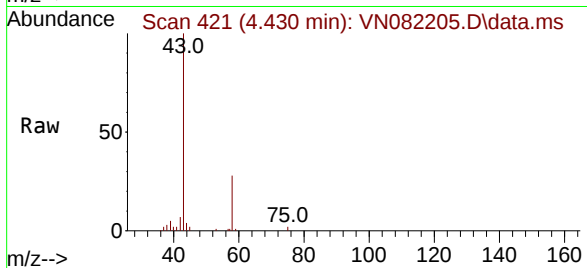




#16
Acetone
Concen: 114.536 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

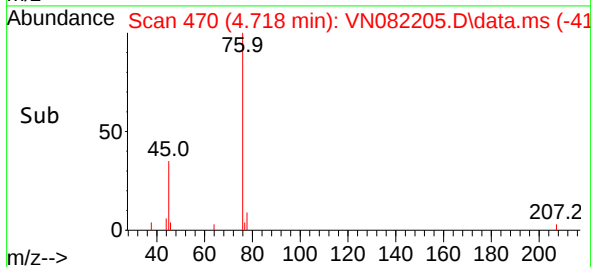
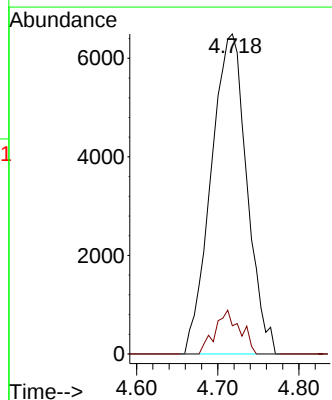
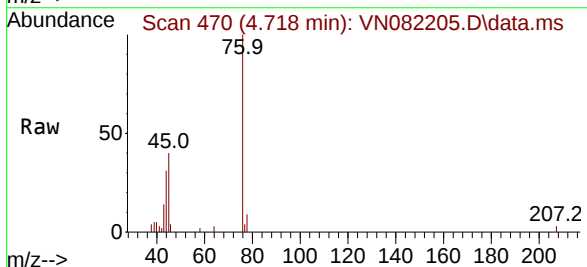
Instrument :
MSVOA_N
ClientSampleId :
240515064-02-VOADL

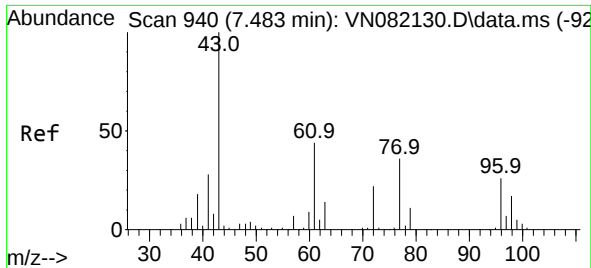
Tgt Ion: 43 Resp: 119830
Ion Ratio Lower Upper
43 100
58 27.7 25.2 37.8



#17
Carbon Disulfide
Concen: 3.491 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion: 76 Resp: 19888
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

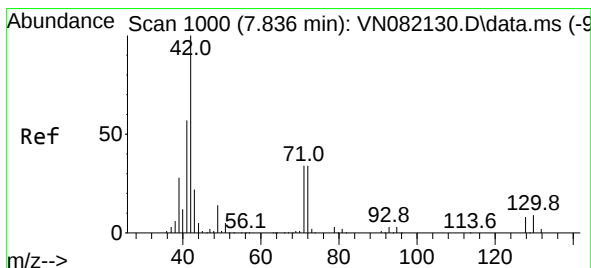
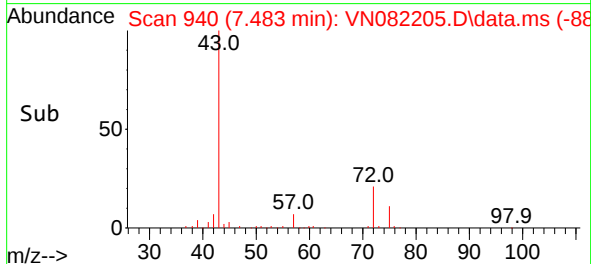
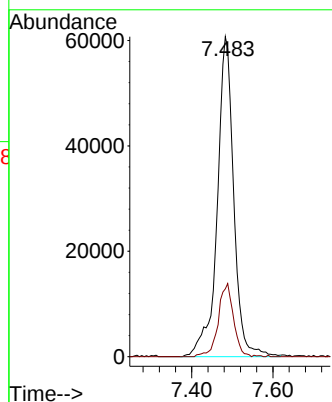
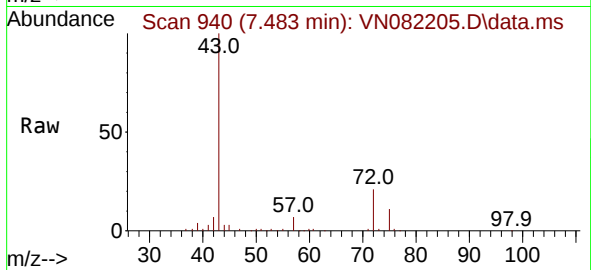




#25
2-Butanone
Concen: 108.517 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

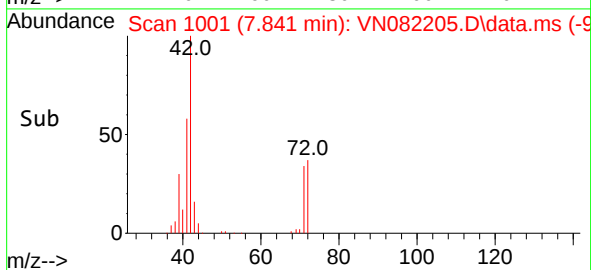
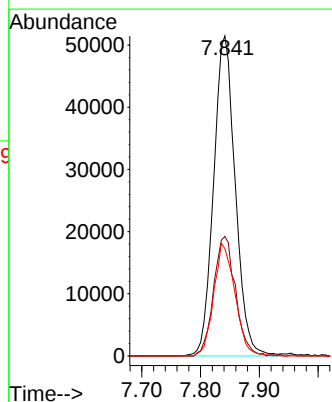
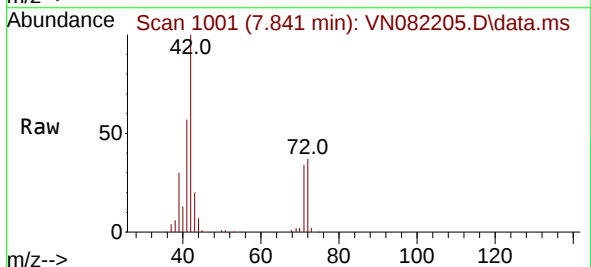
Instrument :
MSVOA_N
ClientSampleId :
240515064-02-VOADL

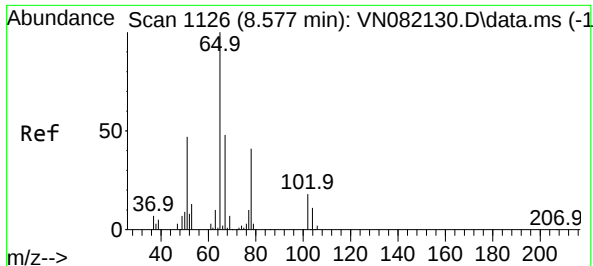
Tgt Ion: 43 Resp: 172133
Ion Ratio Lower Upper
43 100
72 21.2 25.3 37.9#



#29
Tetrahydrofuran
Concen: 129.360 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion: 42 Resp: 131746
Ion Ratio Lower Upper
42 100
72 37.7 39.3 58.9#
71 34.4 37.4 56.0#





#33

1,2-Dichloroethane-d4

Concen: 50.967 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082205.D

Acq: 20 May 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

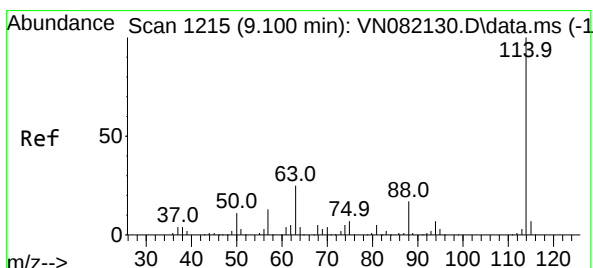
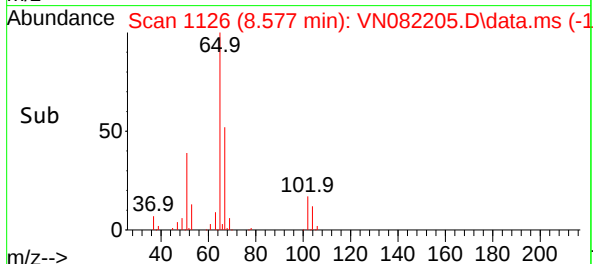
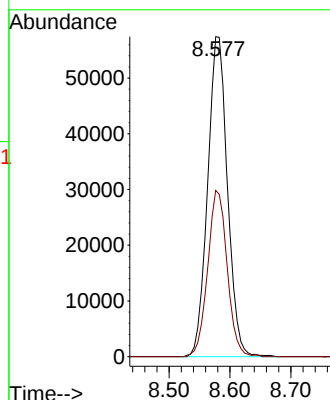
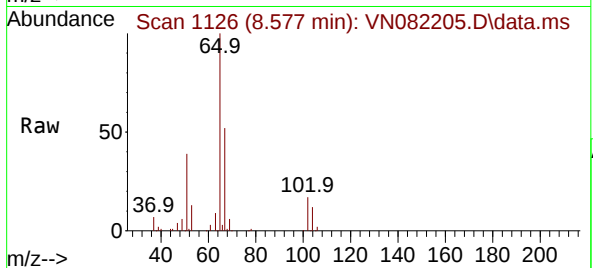
240515064-02-VOADL

Tgt Ion: 65 Resp: 129985

Ion Ratio Lower Upper

65 100

67 51.1 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: VN082205.D

Acq: 20 May 2024 13:22

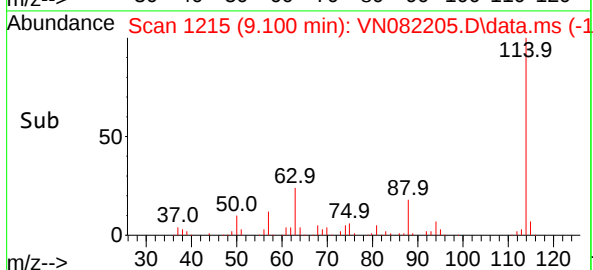
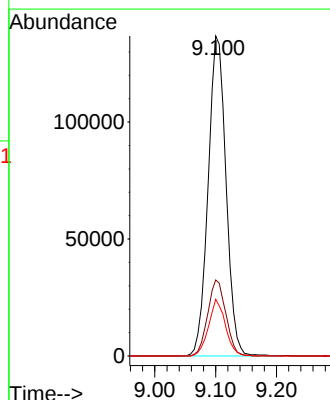
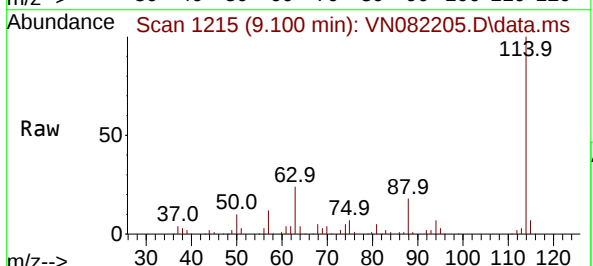
Tgt Ion: 114 Resp: 279349

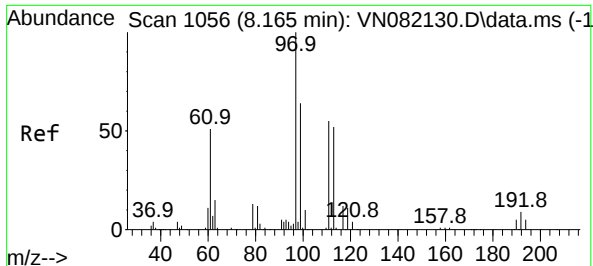
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 17.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.971 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN082205.D

Acq: 20 May 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

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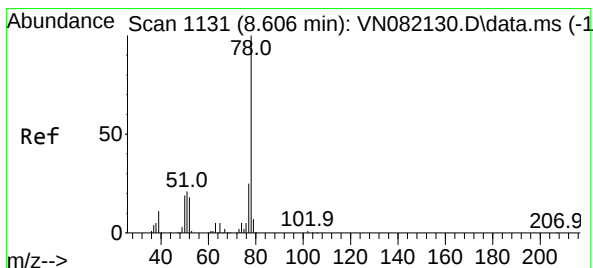
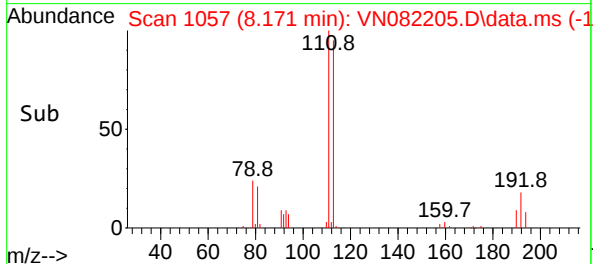
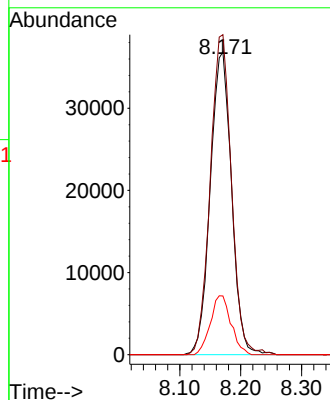
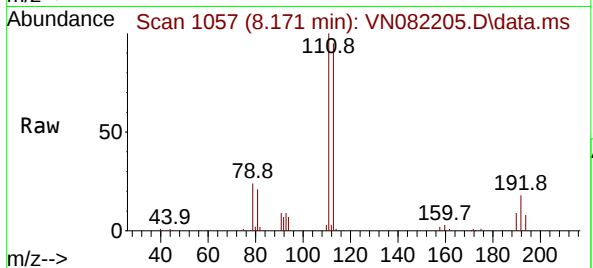
Tgt Ion:113 Resp: 89309

Ion Ratio Lower Upper

113 100

111 105.2 83.4 125.2

192 18.9 14.0 21.0



#40

Benzene

Concen: 1.205 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN082205.D

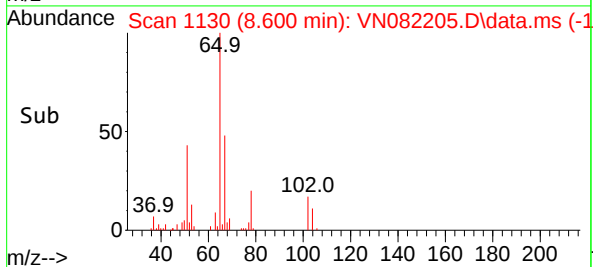
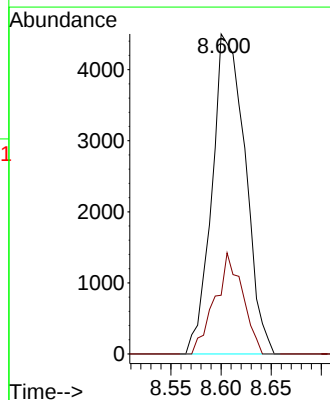
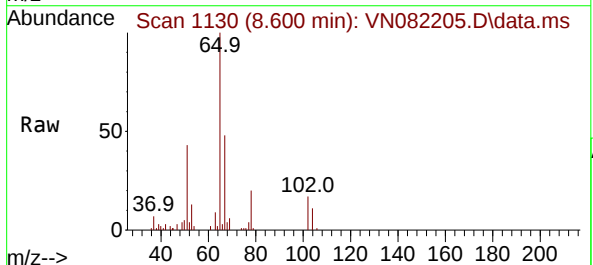
Acq: 20 May 2024 13:22

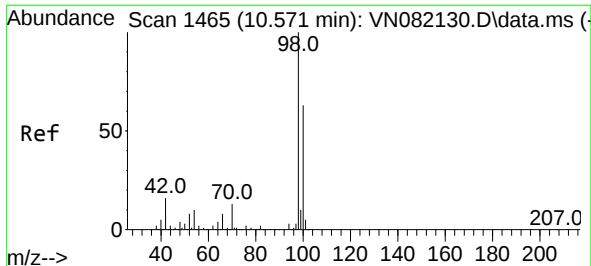
Tgt Ion: 78 Resp: 10354

Ion Ratio Lower Upper

78 100

77 18.3 20.0 30.0#

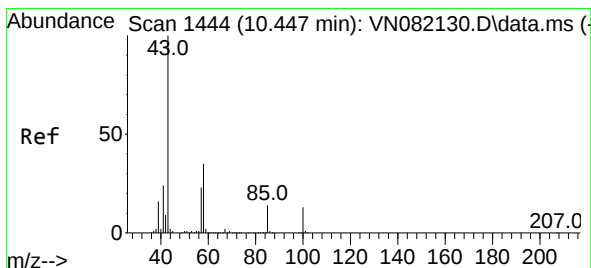
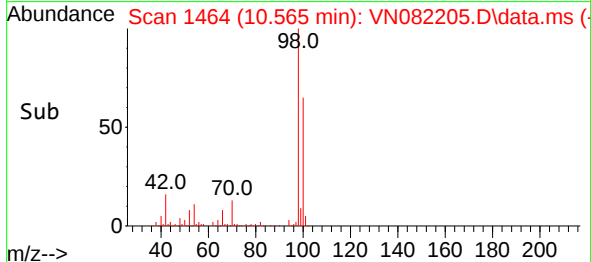
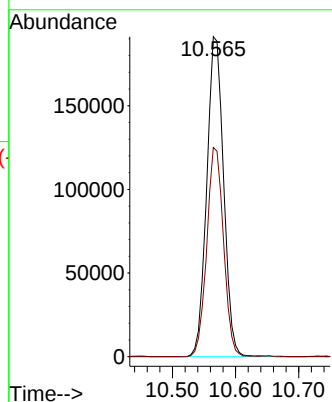
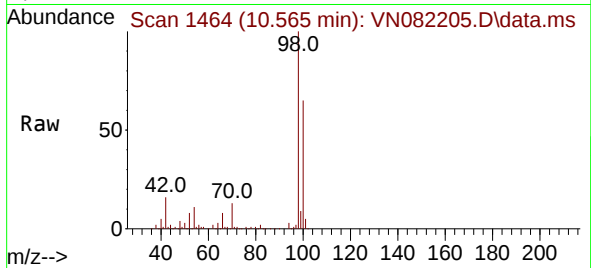




#50
Toluene-d8
Concen: 53.823 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

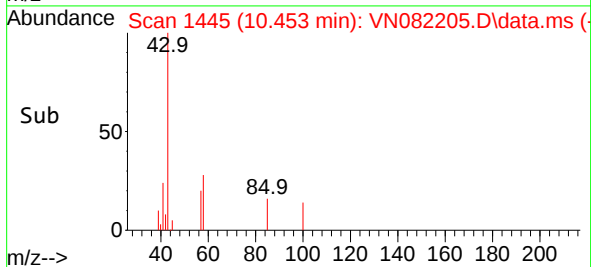
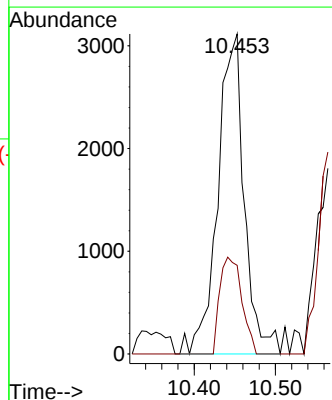
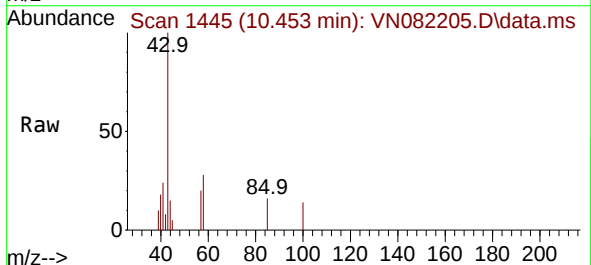
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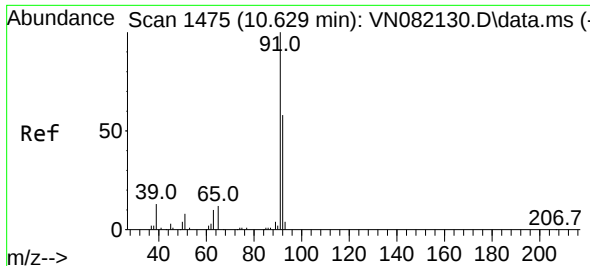
Tgt Ion: 98 Resp: 354604
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 2.179 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion: 43 Resp: 7077
Ion Ratio Lower Upper
43 100
58 25.1 33.2 49.8#

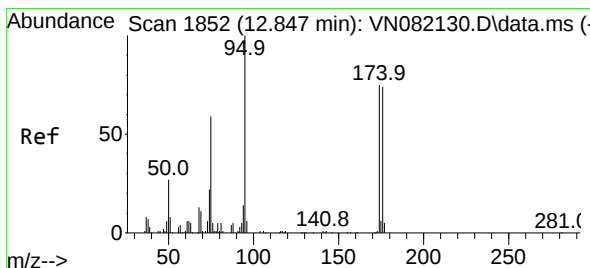
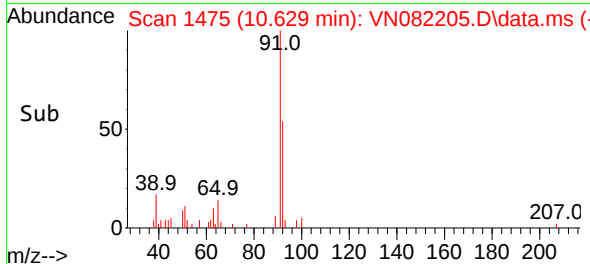
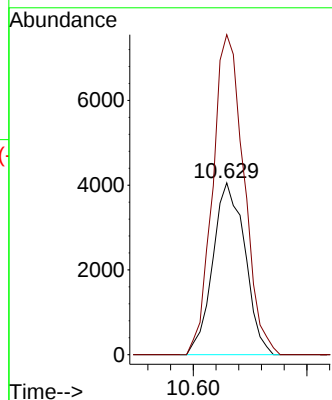
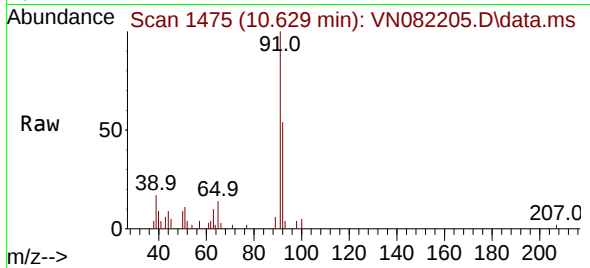




#52
Toluene
Concen: 1.546 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

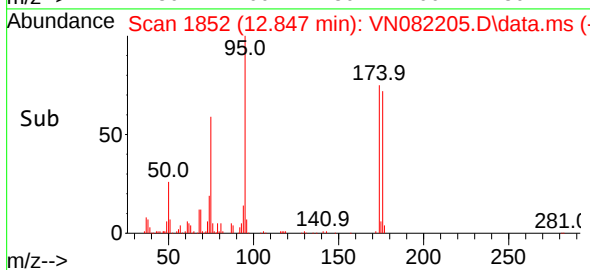
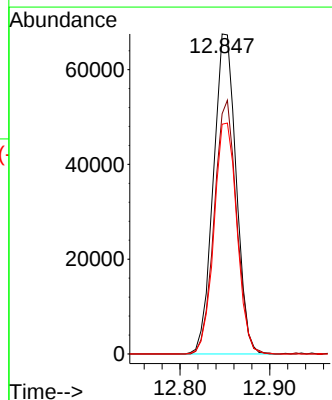
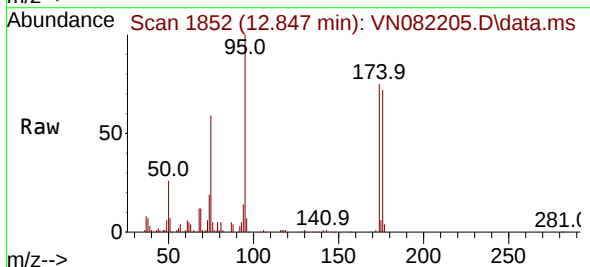
Instrument :
MSVOA_N
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240515064-02-VOADL

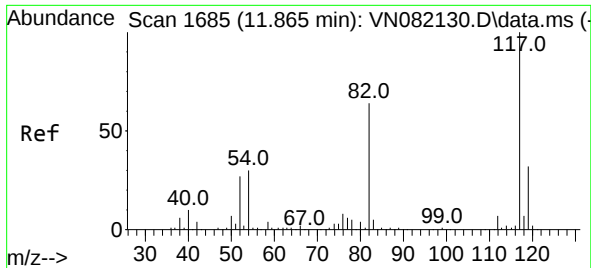
Tgt Ion: 92 Resp: 7973
Ion Ratio Lower Upper
92 100
91 180.8 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 50.587 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion: 95 Resp: 118956
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.6
176 72.7 0.0 152.8

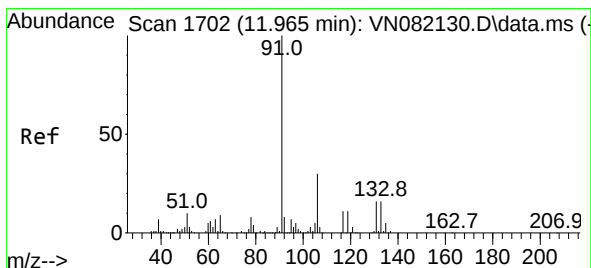
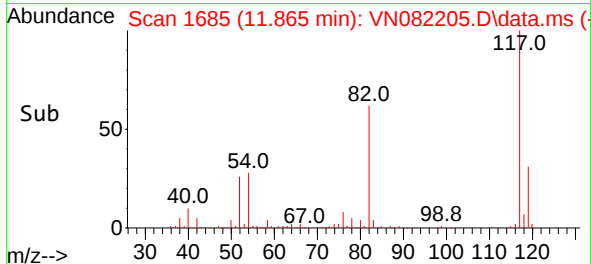
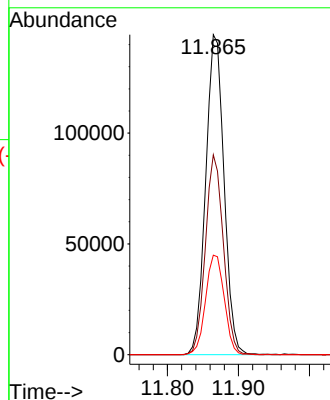
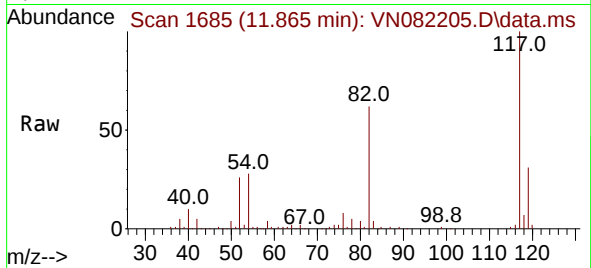




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

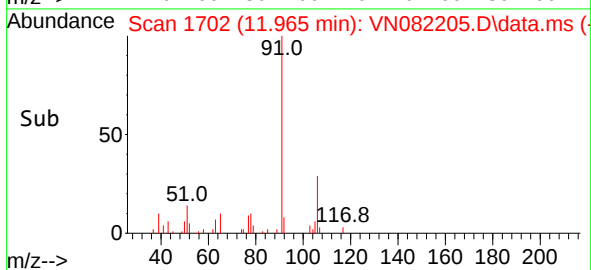
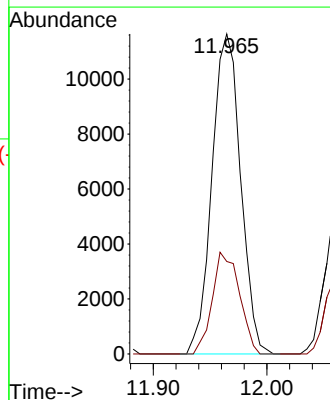
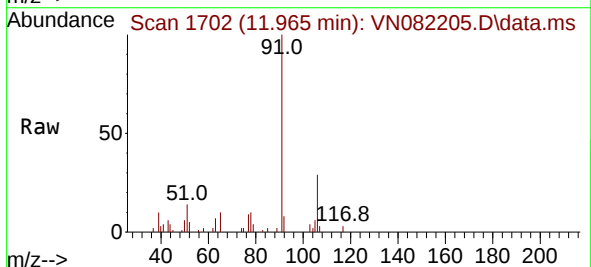
Instrument :
MSVOA_N
ClientSampleId :
240515064-02-VOADL

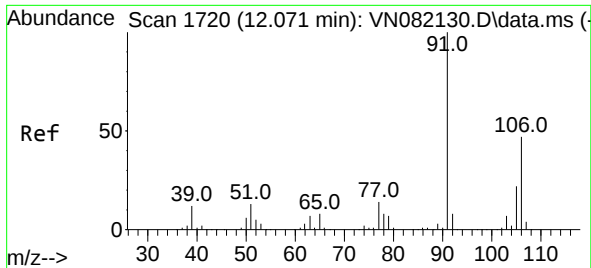
Tgt Ion:117 Resp: 259206
Ion Ratio Lower Upper
117 100
82 62.5 44.6 66.8
119 31.1 25.9 38.9



#67
Ethyl Benzene
Concen: 1.991 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion: 91 Resp: 20397
Ion Ratio Lower Upper
91 100
106 28.9 25.3 37.9

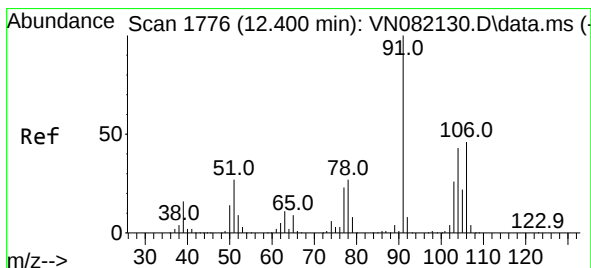
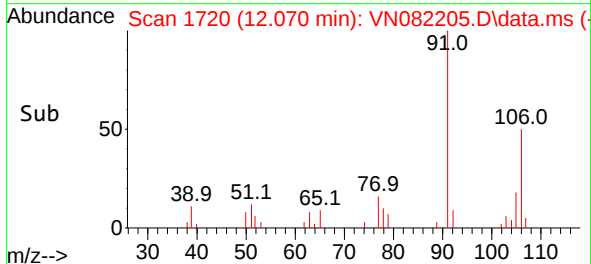
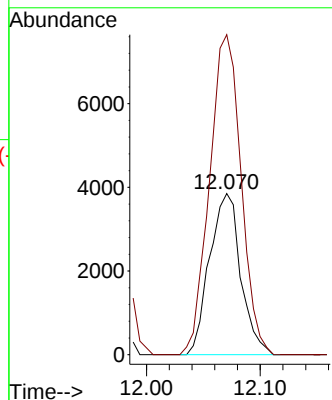
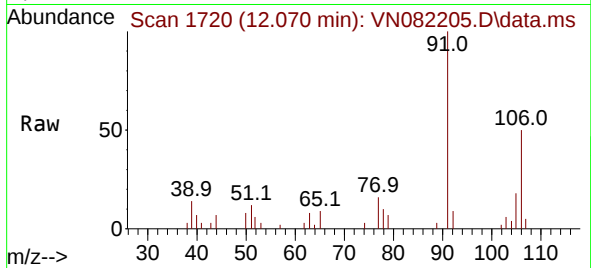




#68
m/p-Xylenes
Concen: 1.952 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

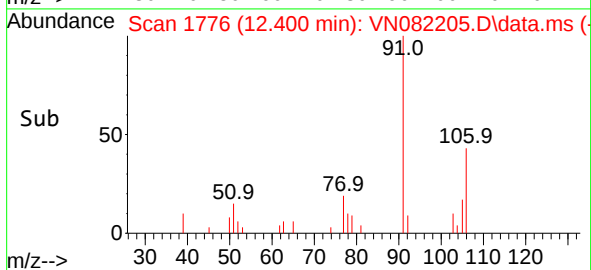
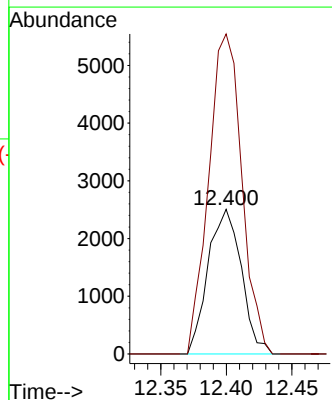
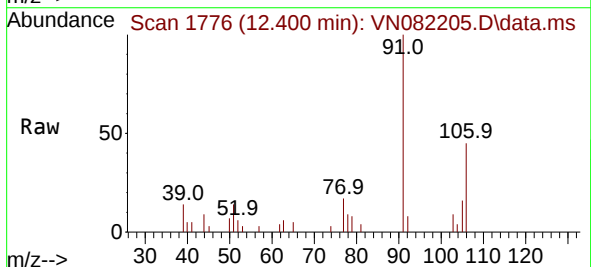
Instrument :
MSVOA_N
ClientSampleId :
240515064-02-VOADL

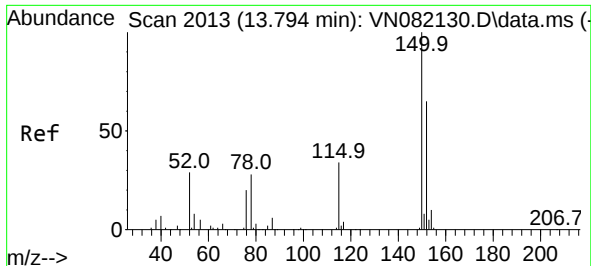
Tgt Ion:106 Resp: 7329
Ion Ratio Lower Upper
106 100
91 201.5 159.4 239.0



#69
o-Xylene
Concen: 1.217 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion:106 Resp: 4425
Ion Ratio Lower Upper
106 100
91 220.7 104.7 314.1

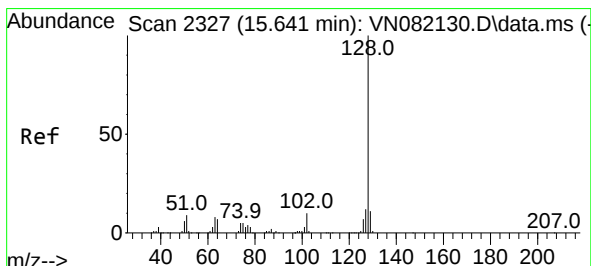
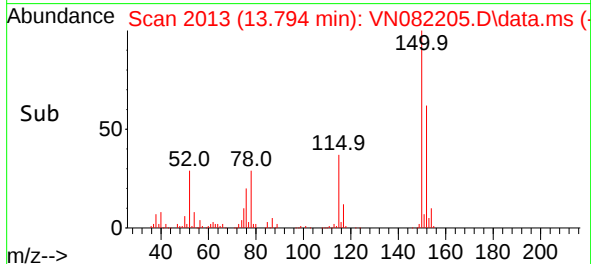
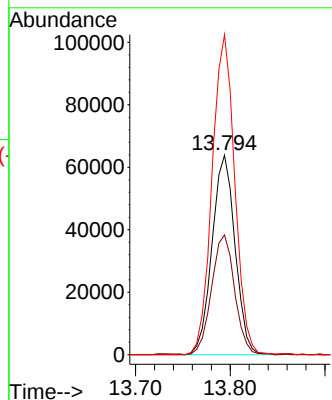
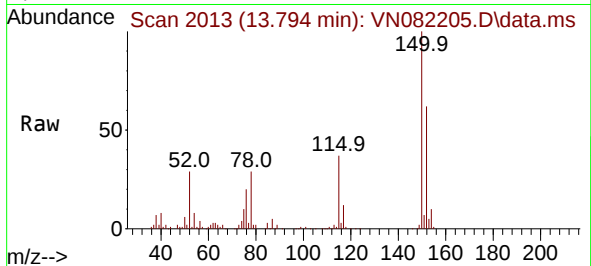




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :
240515064-02-VOADL

Tgt Ion:152 Resp: 107752
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 158.2 0.0 353.2



#95
Naphthalene
Concen: 7.767 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082205.D
Acq: 20 May 2024 13:22

Tgt Ion:128 Resp: 47735
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.4 8.9 13.3

