

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081855.D
 Acq On : 25 Apr 2024 17:04
 Operator : JC\MD
 Sample : P2257-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41C

Quant Time: Apr 26 05:38:02 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	221533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	172536	46.146	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	8.165	113	124518	50.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.760%
50) Toluene-d8	10.565	98	513855	52.940	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.880%
62) 4-Bromofluorobenzene	12.847	95	193096	50.325	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.660%

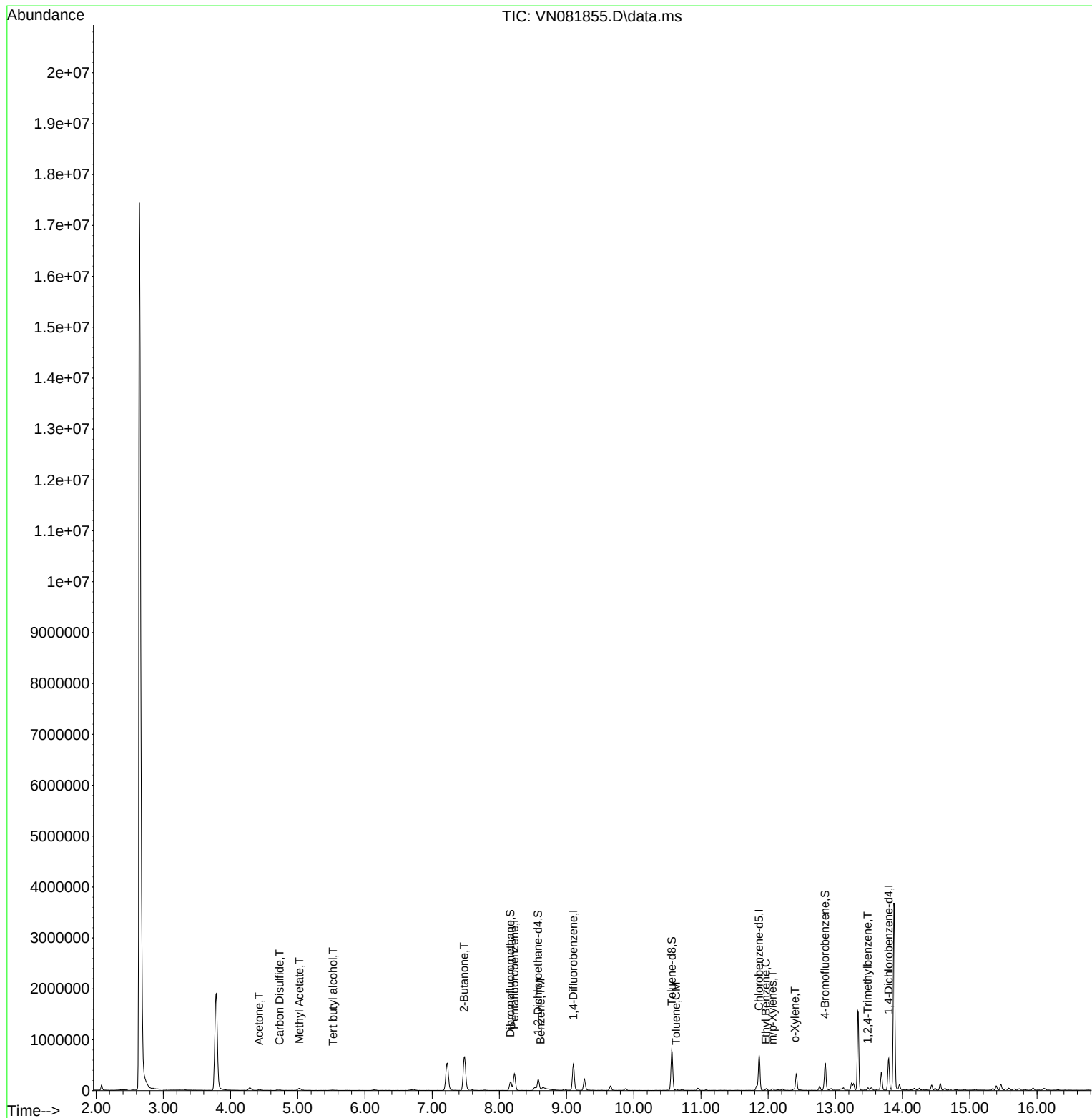
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.524	59	12527	18.430	ug/l #	81
16) Acetone	4.424	43	28881	21.116	ug/l	91
17) Carbon Disulfide	4.730	76	13750	1.705	ug/l #	86
18) Methyl Acetate	5.024	43	91126	24.062	ug/l #	89
25) 2-Butanone	7.477	43	1097857	517.345	ug/l #	86
40) Benzene	8.612	78	10721	0.888	ug/l #	89
52) Toluene	10.629	92	9120	1.262	ug/l	91
67) Ethyl Benzene	11.965	91	5656	0.382	ug/l	96
68) m/p-Xylenes	12.065	106	7754	1.468	ug/l	81
69) o-Xylene	12.400	106	3876	0.752	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	9758	0.861	ug/l	95

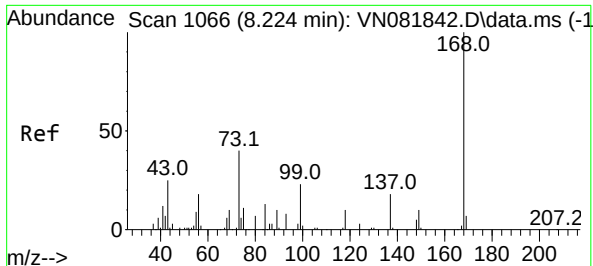
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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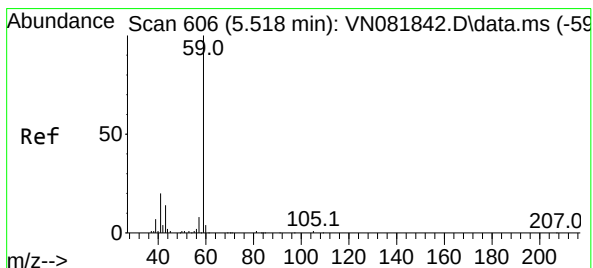
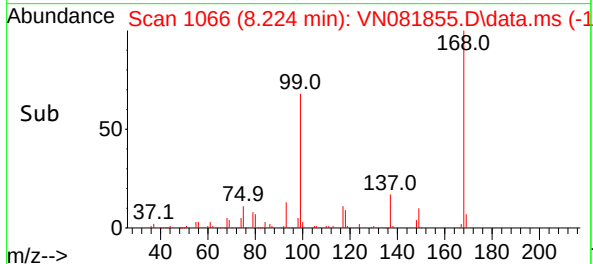
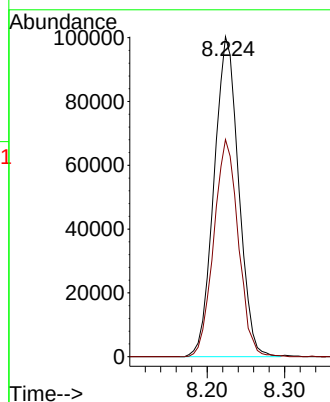
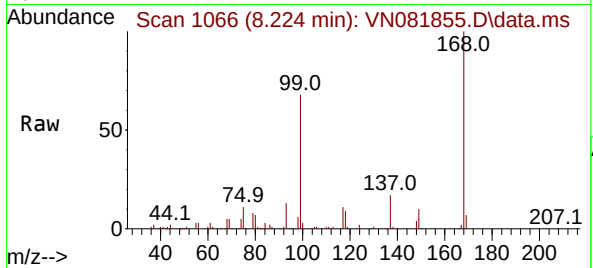




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

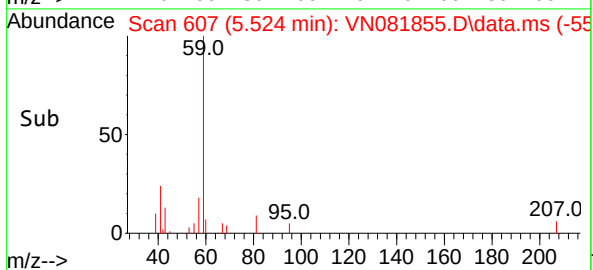
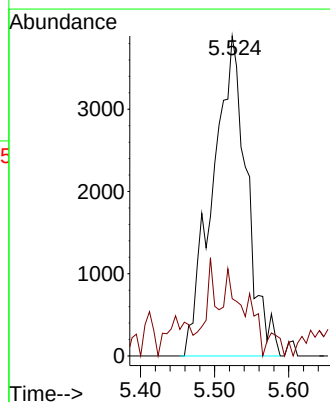
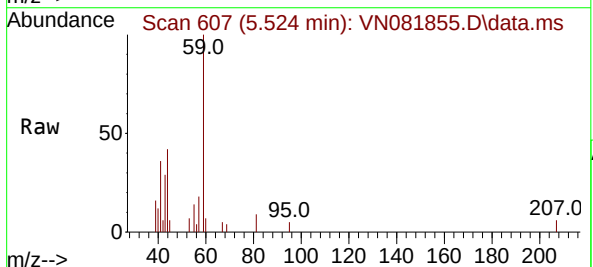
Instrument :
MSVOA_N
ClientSampleId :
41C

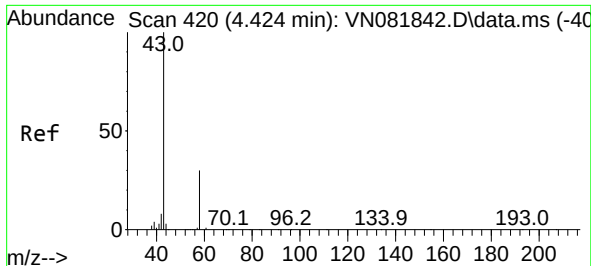
Tgt Ion:168 Resp: 221533
Ion Ratio Lower Upper
168 100
99 67.8 48.2 72.4



#11
Tert butyl alcohol
Concen: 18.430 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

Tgt Ion: 59 Resp: 12527
Ion Ratio Lower Upper
59 100
57 4.0 8.9 13.3#





#16

Acetone

Concen: 21.116 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN081855.D

Acq: 25 Apr 2024 17:04

Instrument :

MSVOA_N

ClientSampleId :

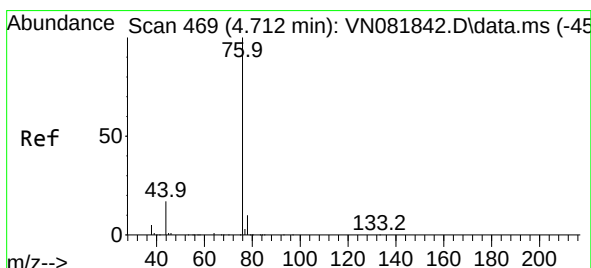
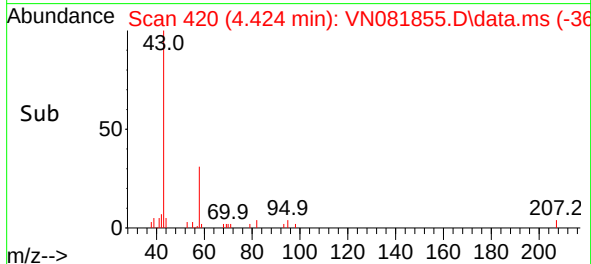
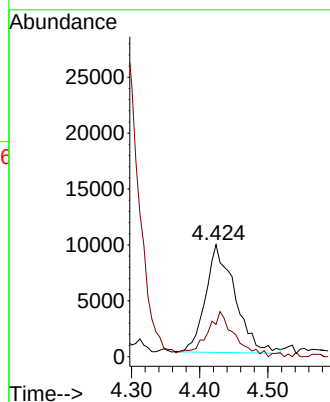
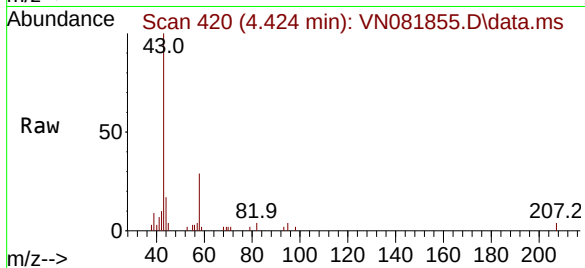
41C

Tgt Ion: 43 Resp: 28881

Ion Ratio Lower Upper

43 100

58 26.4 25.2 37.8



#17

Carbon Disulfide

Concen: 1.705 ug/l

RT: 4.730 min Scan# 472

Delta R.T. 0.018 min

Lab File: VN081855.D

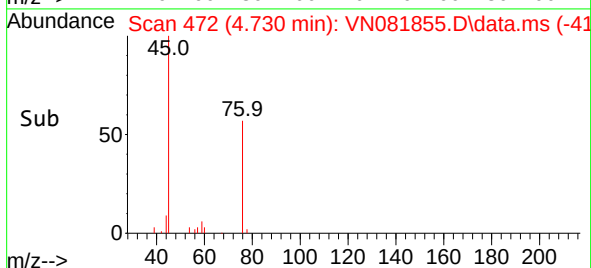
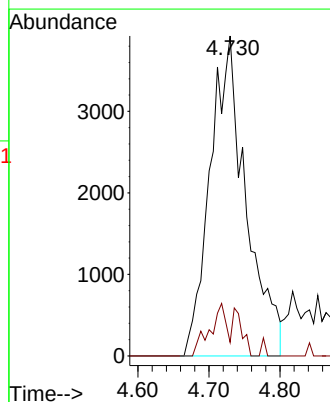
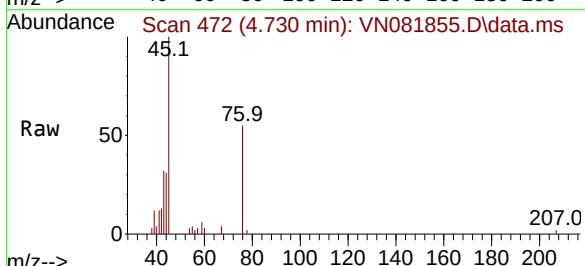
Acq: 25 Apr 2024 17:04

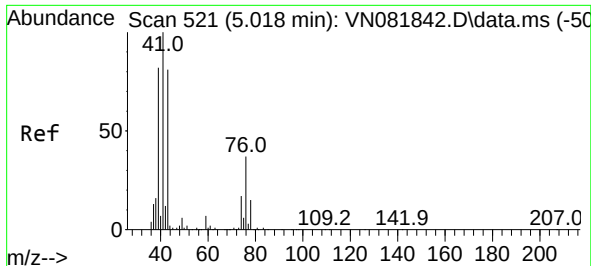
Tgt Ion: 76 Resp: 13750

Ion Ratio Lower Upper

76 100

78 4.2 7.5 11.3#





#18

Methyl Acetate

Concen: 24.062 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN081855.D

Acq: 25 Apr 2024 17:04

Instrument :

MSVOA_N

ClientSampleId :

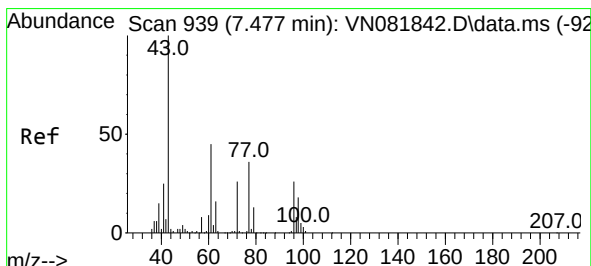
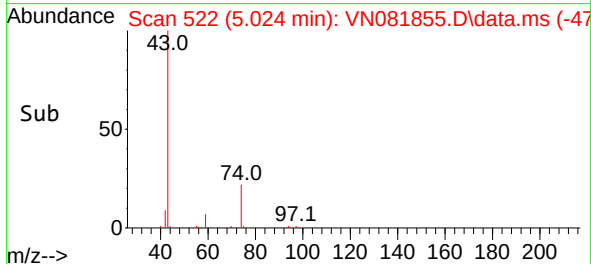
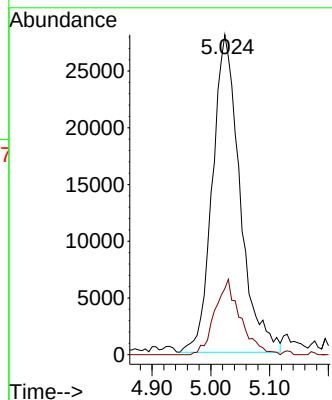
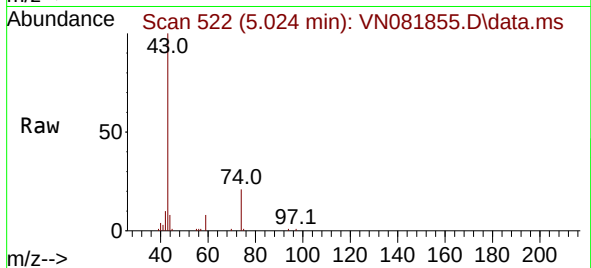
41C

Tgt Ion: 43 Resp: 91126

Ion Ratio Lower Upper

43 100

74 22.0 22.2 33.2#



#25

2-Butanone

Concen: 517.345 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.000 min

Lab File: VN081855.D

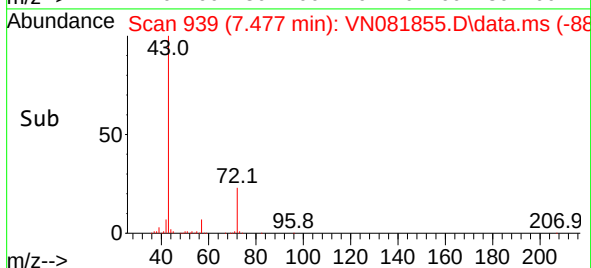
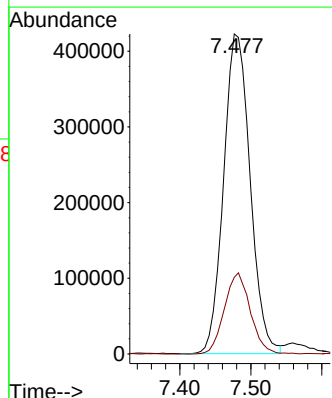
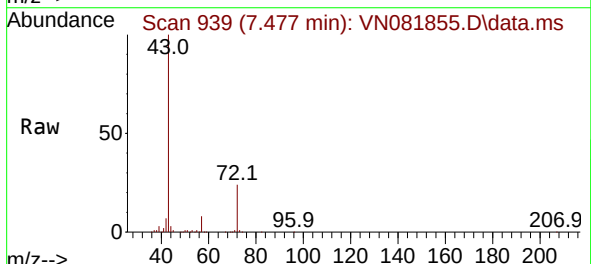
Acq: 25 Apr 2024 17:04

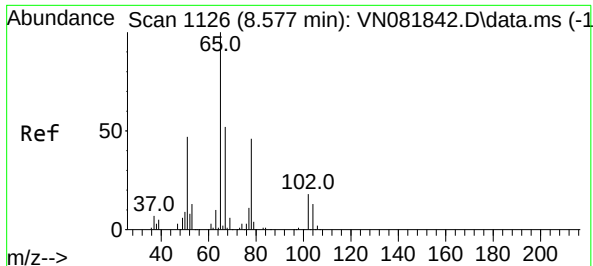
Tgt Ion: 43 Resp: 1097857

Ion Ratio Lower Upper

43 100

72 24.0 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 46.146 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081855.D

Acq: 25 Apr 2024 17:04

Instrument :

MSVOA_N

ClientSampleId :

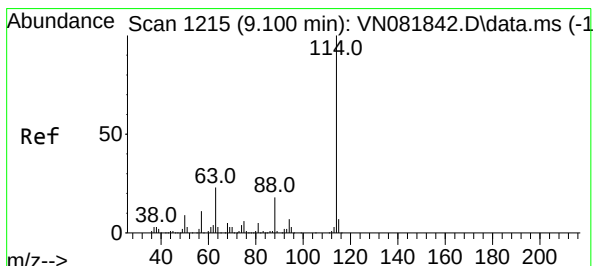
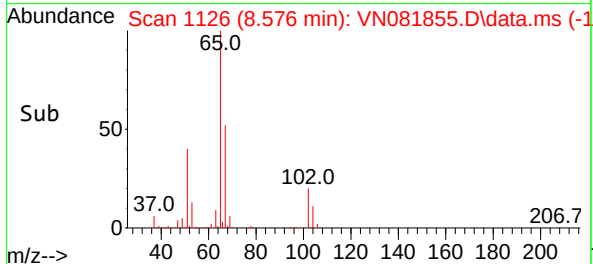
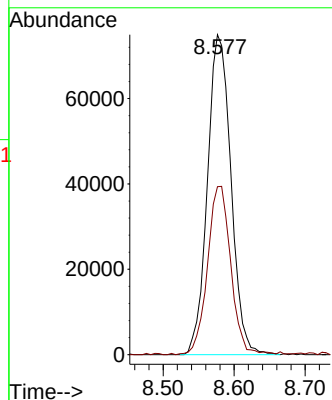
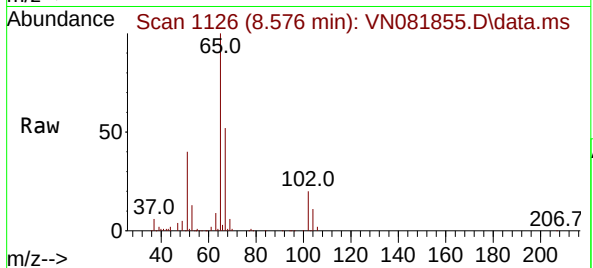
41C

Tgt Ion: 65 Resp: 172536

Ion Ratio Lower Upper

65 100

67 52.1 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: VN081855.D

Acq: 25 Apr 2024 17:04

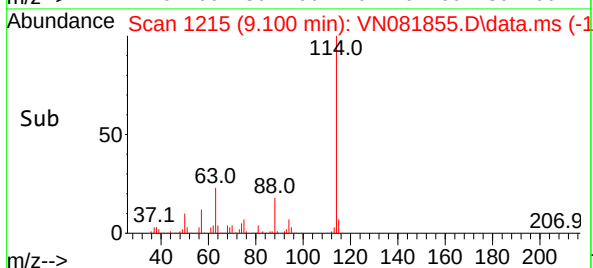
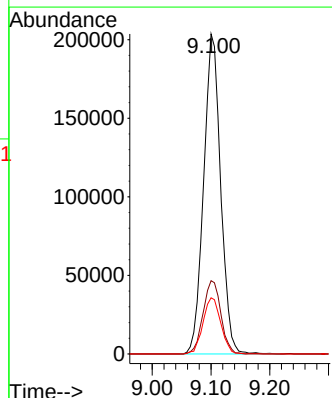
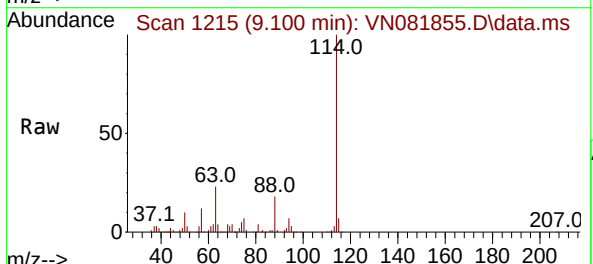
Tgt Ion: 114 Resp: 410476

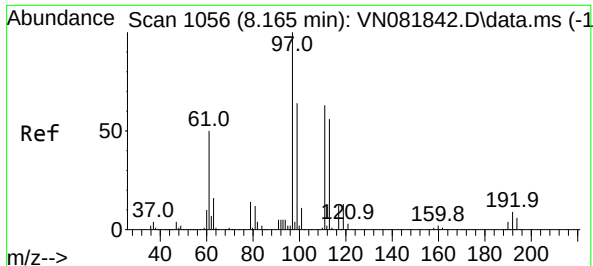
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 17.6 0.0 31.4

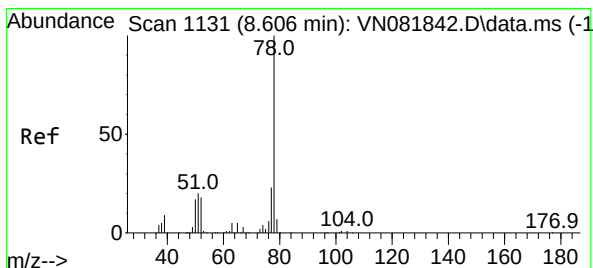
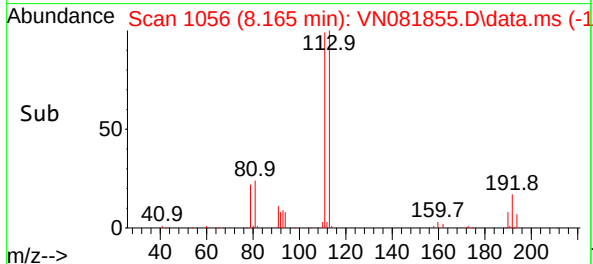
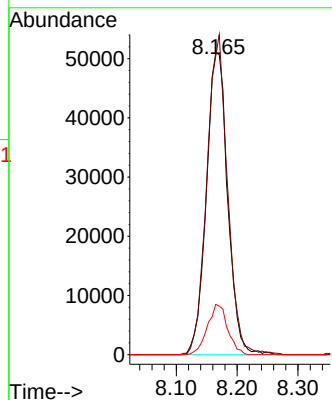
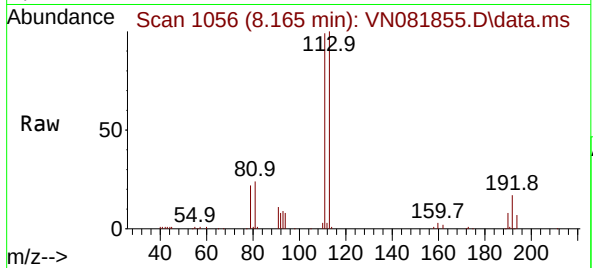




#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 8.165 min Scan# 113
Delta R.T. -0.000 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

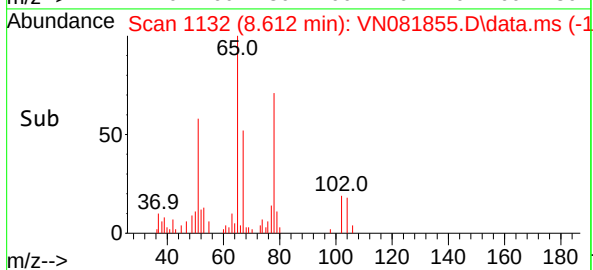
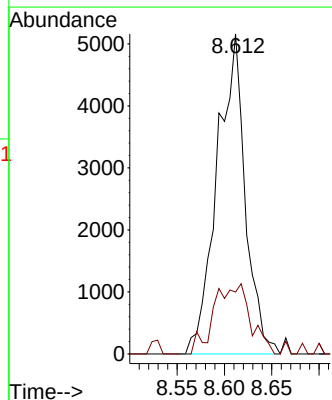
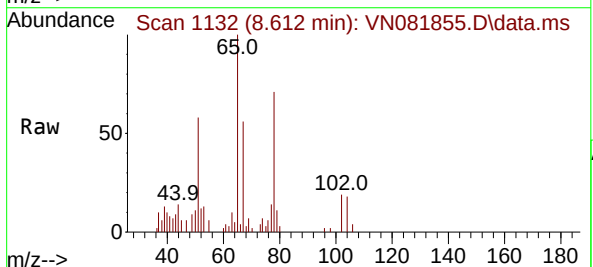
Instrument :
MSVOA_N
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41C

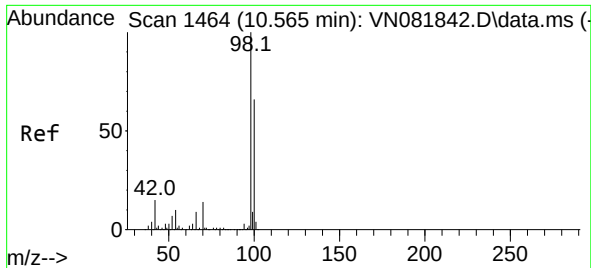
Tgt Ion:113 Resp: 124518
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 15.8 14.0 21.0



#40
Benzene
Concen: 0.888 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

Tgt Ion: 78 Resp: 10721
Ion Ratio Lower Upper
78 100
77 19.3 20.0 30.0#

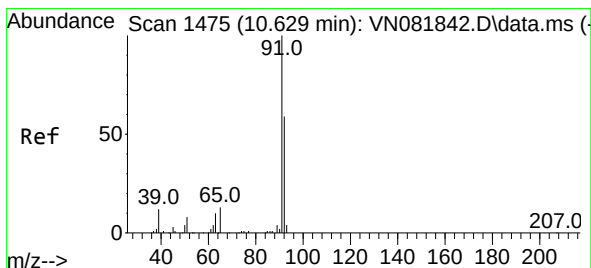
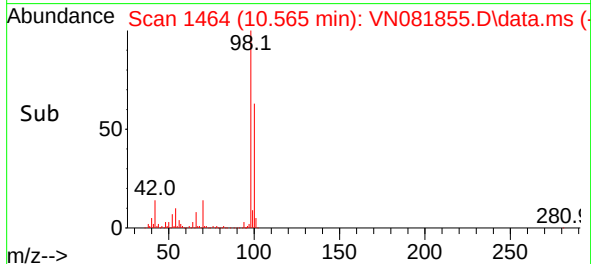
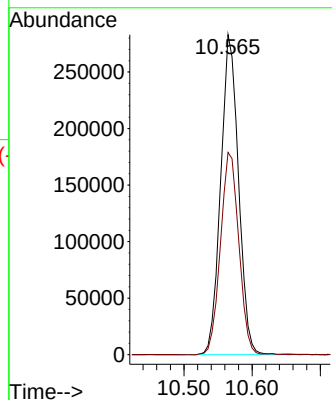
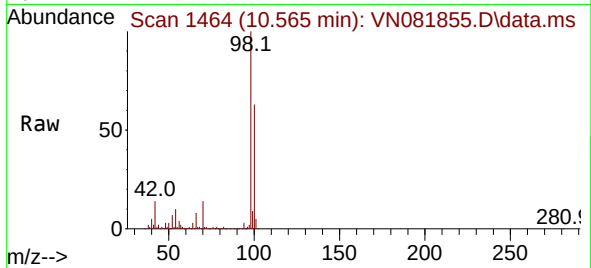




#50
Toluene-d8
Concen: 52.940 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

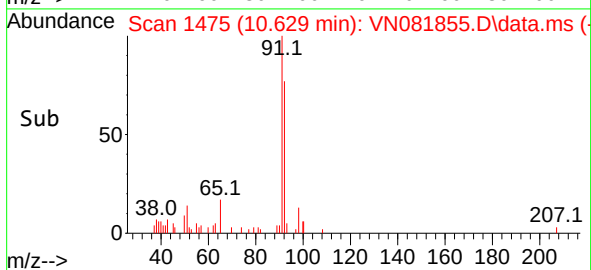
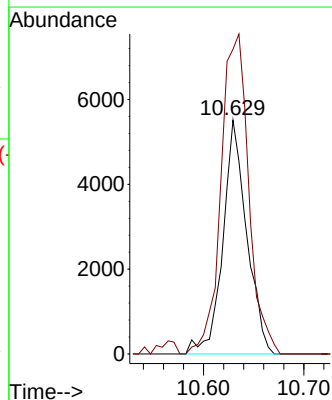
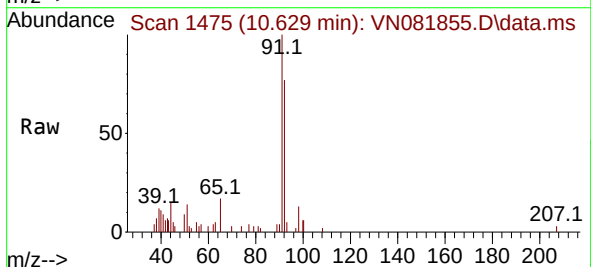
Instrument :
MSVOA_N
ClientSampleId :
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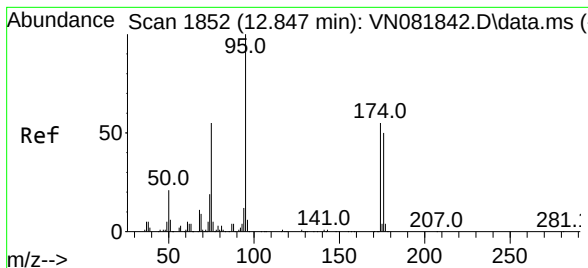
Tgt Ion: 98 Resp: 513855
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#52
Toluene
Concen: 1.262 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

Tgt Ion: 92 Resp: 9120
Ion Ratio Lower Upper
92 100
91 159.1 136.7 205.1

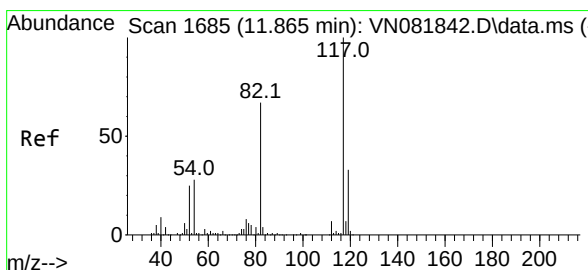
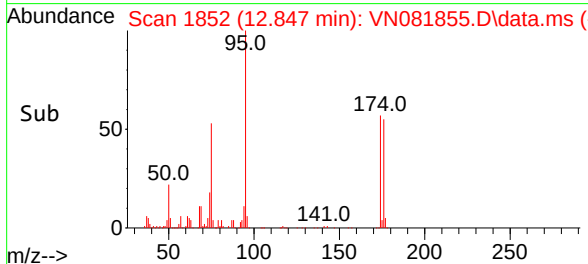
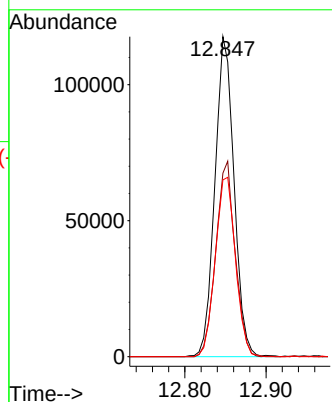
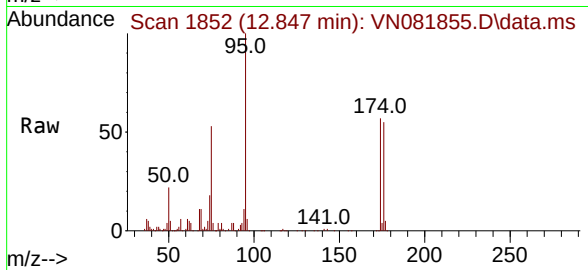




#62
4-Bromofluorobenzene
Concen: 50.325 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

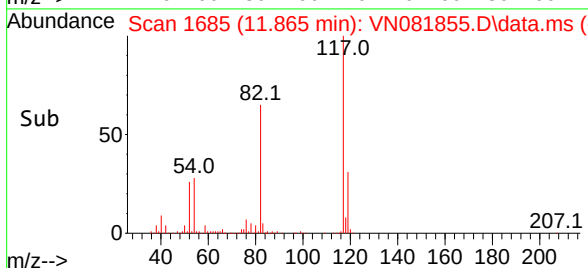
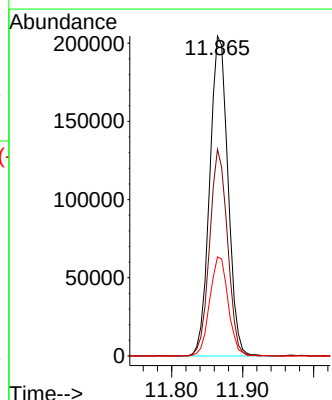
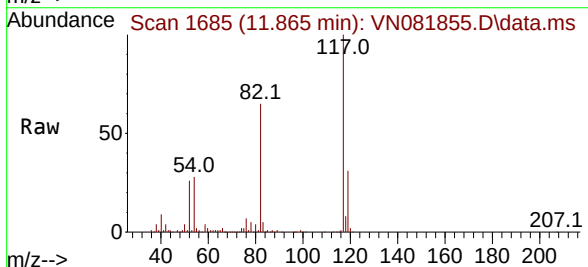
Instrument :
MSVOA_N
ClientSampleId :
41C

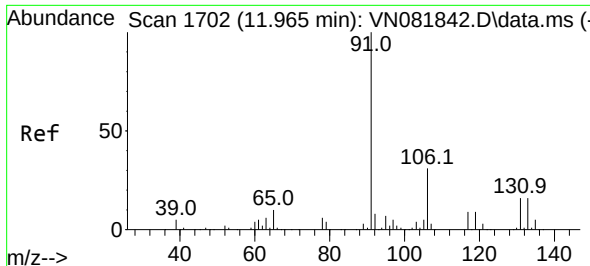
Tgt Ion: 95 Resp: 193096
Ion Ratio Lower Upper
95 100
174 61.4 0.0 160.6
176 59.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

Tgt Ion: 117 Resp: 364661
Ion Ratio Lower Upper
117 100
82 64.6 44.6 66.8
119 30.9 25.9 38.9

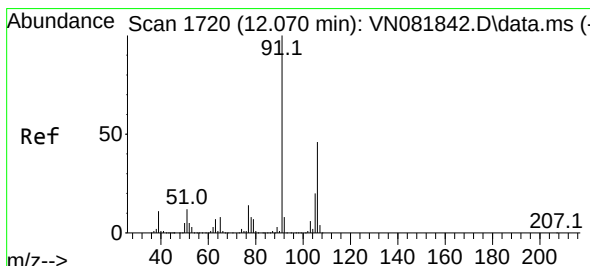
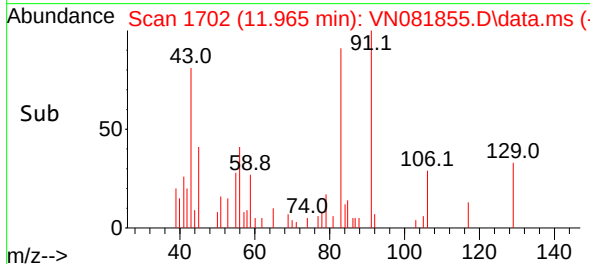
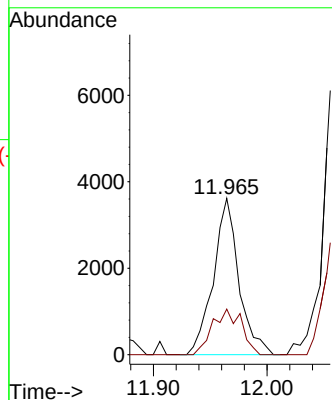
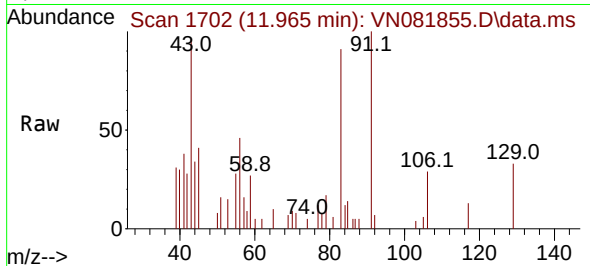




#67
Ethyl Benzene
Concen: 0.382 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

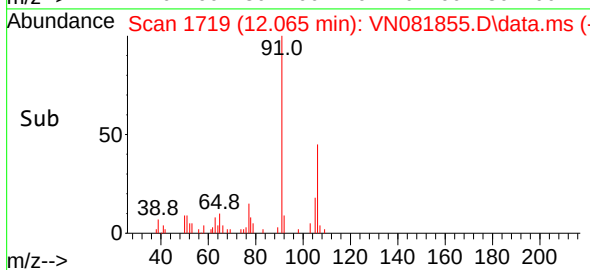
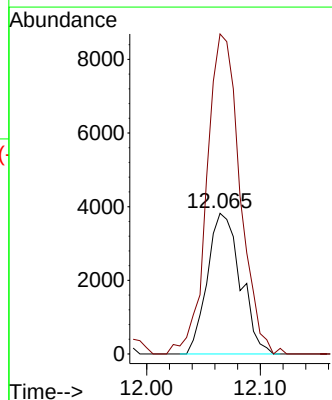
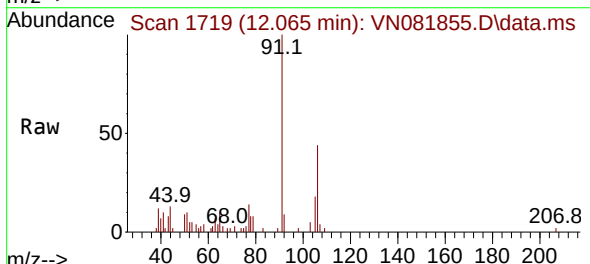
Instrument :
MSVOA_N
ClientSampleId :
41C

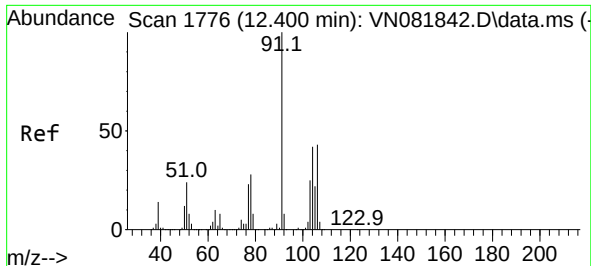
Tgt Ion: 91 Resp: 5656
Ion Ratio Lower Upper
91 100
106 29.1 25.3 37.9



#68
m/p-Xylenes
Concen: 1.468 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081855.D
Acq: 25 Apr 2024 17:04

Tgt Ion: 106 Resp: 7754
Ion Ratio Lower Upper
106 100
91 227.4 159.4 239.0





#69

o-Xylene

Concen: 0.752 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081855.D

Acq: 25 Apr 2024 17:04

Instrument :

MSVOA_N

ClientSampleId :

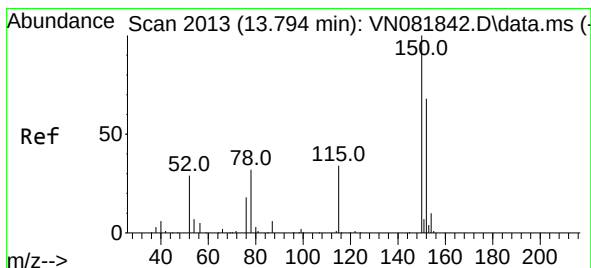
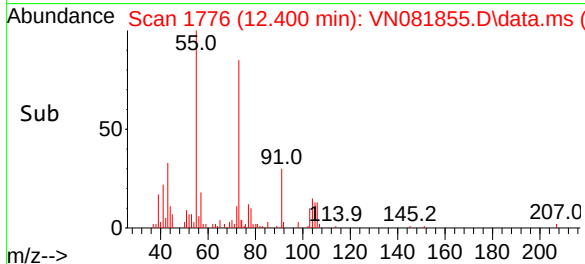
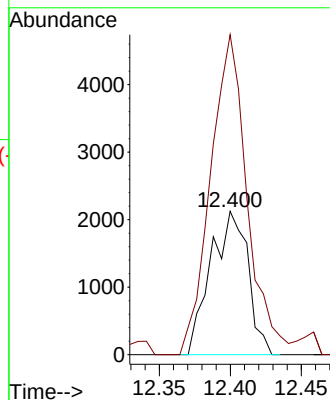
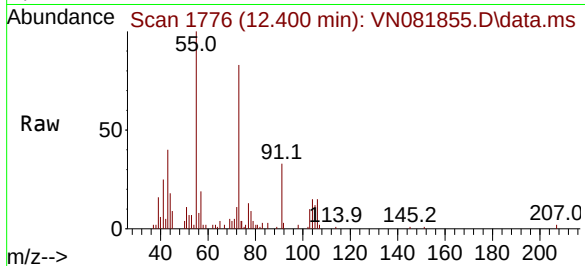
41C

Tgt Ion:106 Resp: 3876

Ion Ratio Lower Upper

106 100

91 219.4 104.7 314.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081855.D

Acq: 25 Apr 2024 17:04

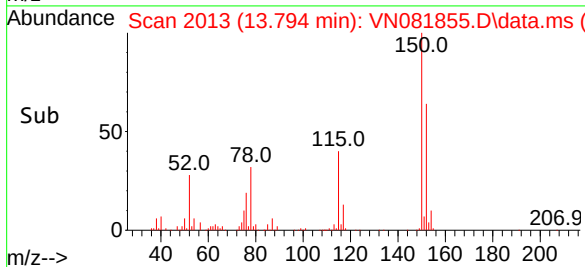
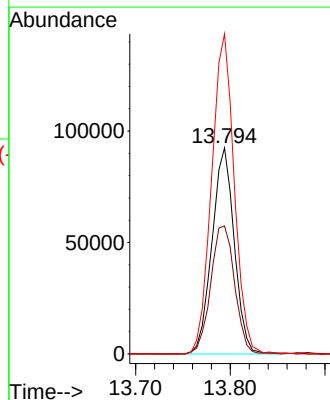
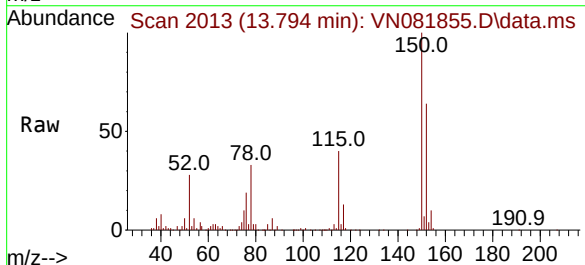
Tgt Ion:152 Resp: 150782

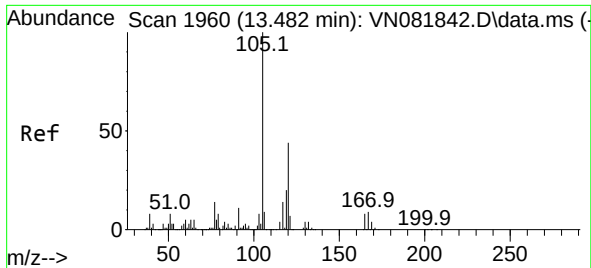
Ion Ratio Lower Upper

152 100

115 66.9 30.4 91.3

150 158.0 0.0 353.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.861 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081855.D
 Acq: 25 Apr 2024 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 41C

Tgt Ion:105 Resp: 9758
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.9 68.7

