

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082032.D
 Acq On : 08 May 2024 17:13
 Operator : JC\MD
 Sample : P2424-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240507057-01

Quant Time: May 09 01:04:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

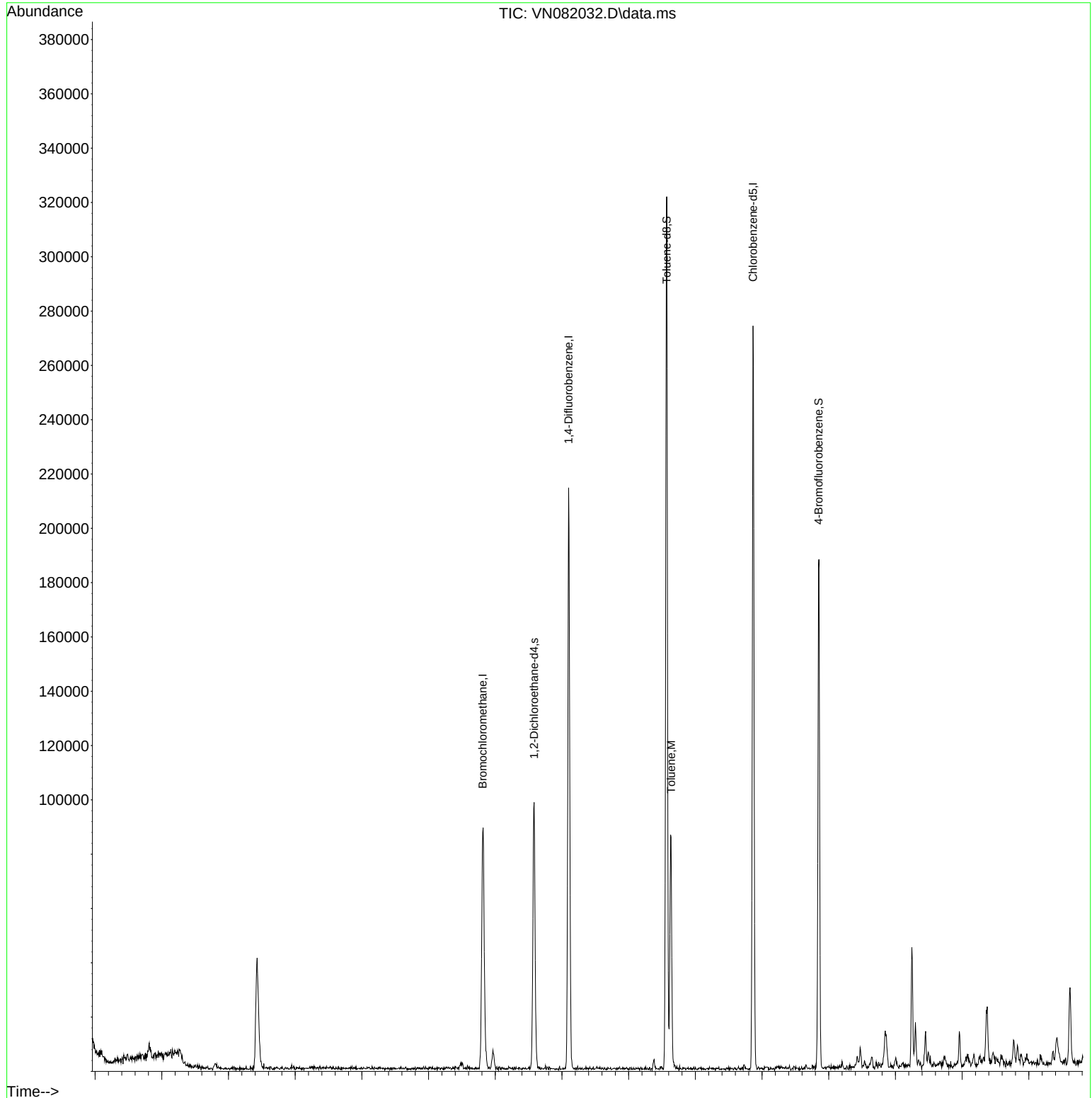
Internal Standards						
1) Bromochloromethane	7.812	128	28593	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168480	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143117	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	75841	31.680	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.600%
60) 4-Bromofluorobenzene	12.847	95	65808	27.630	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.100%
63) Toluene-d8	10.571	98	209279	30.791	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.633%
Target Compounds						
15) Acetone	4.430	58	23528	105.283	ug/l	97
62) Toluene	10.635	91	64894	8.059	ug/l	98

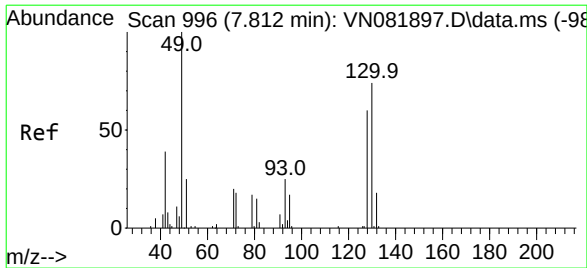
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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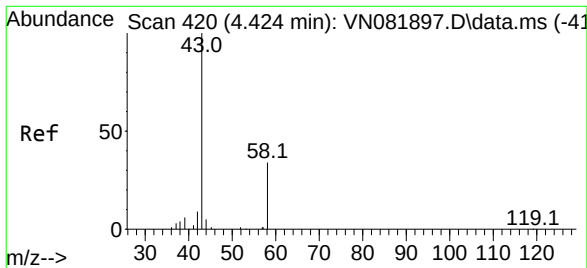
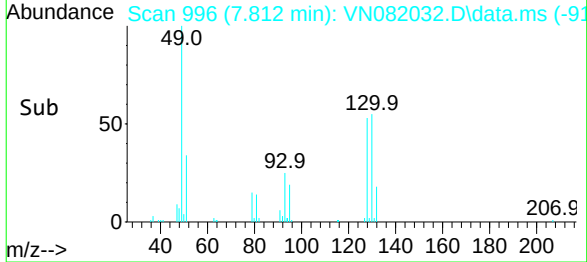
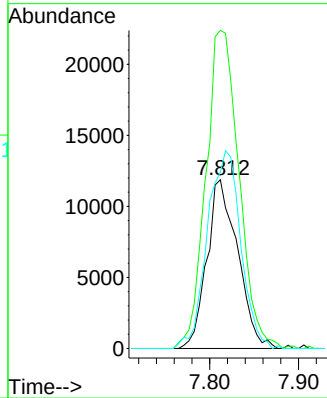
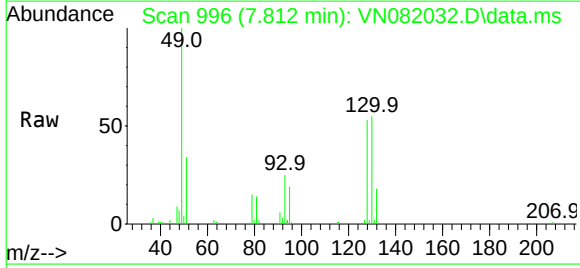




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082032.D
Acq: 08 May 2024 17:13

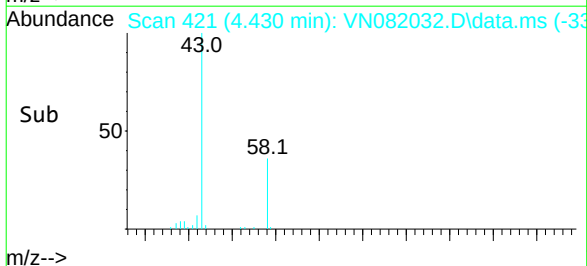
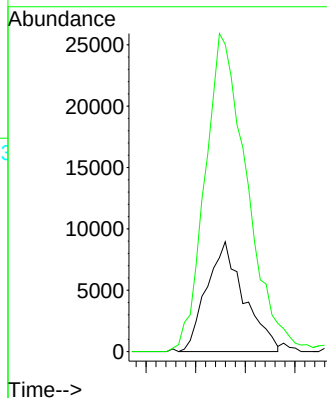
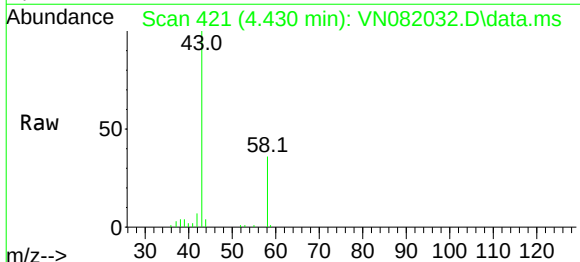
Instrument :
MSVOA_N
ClientSampleId :
240507057-01

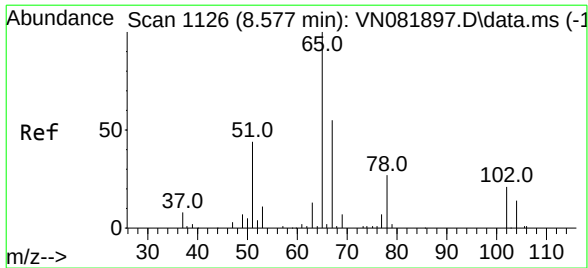
Tgt Ion	Ratio	Lower	Upper
128	100		
49	202.8	0.0	403.7
130	126.8	0.0	323.3



#15
Acetone
Concen: 105.283 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082032.D
Acq: 08 May 2024 17:13

Tgt Ion	Ratio	Lower	Upper
58	100		
43	273.3	223.1	334.7

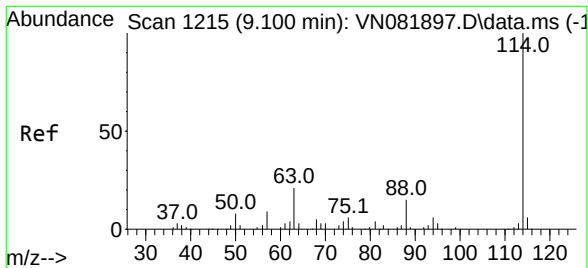
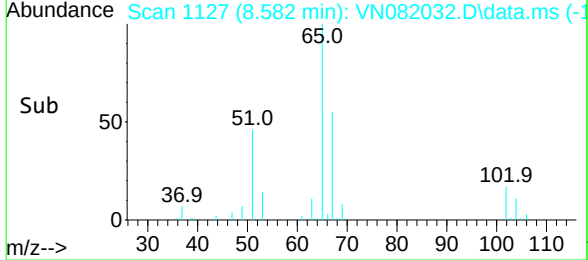
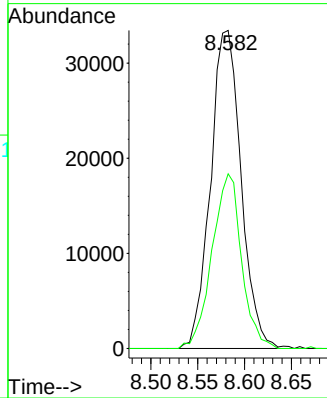
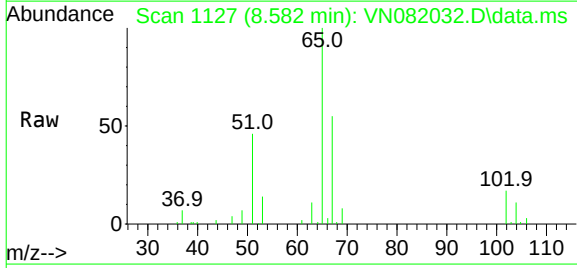




#27
1,2-Dichloroethane-d4
Concen: 31.680 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082032.D
Acq: 08 May 2024 17:13

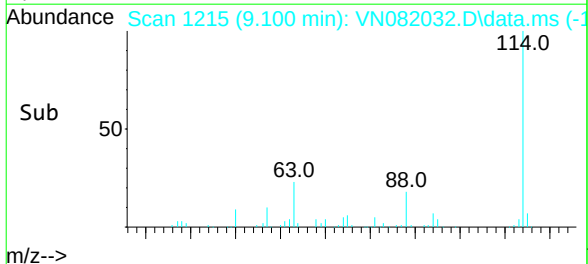
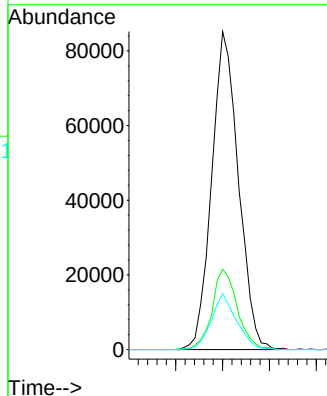
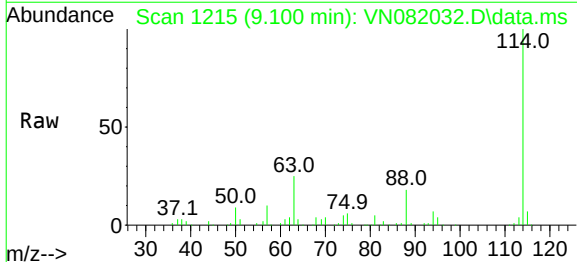
Instrument :
MSVOA_N
ClientSampleId :
240507057-01

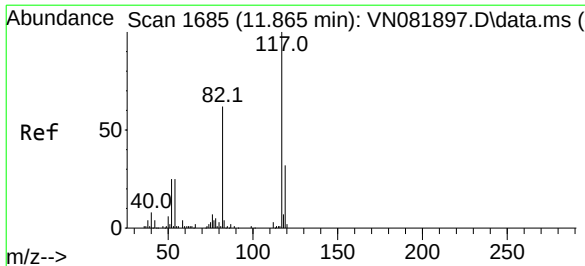
Tgt Ion: 65 Resp: 75841
Ion Ratio Lower Upper
65 100
67 52.9 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082032.D
Acq: 08 May 2024 17:13

Tgt Ion: 114 Resp: 168480
Ion Ratio Lower Upper
114 100
63 23.9 15.9 23.9
88 16.6 12.7 19.1

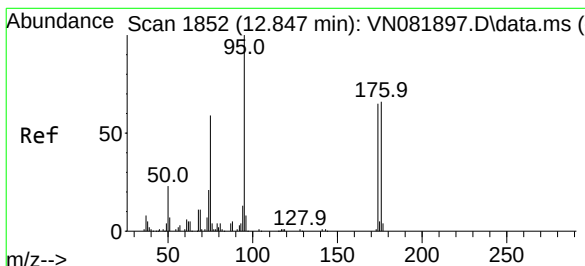
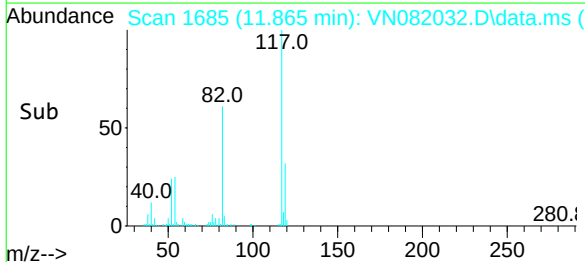
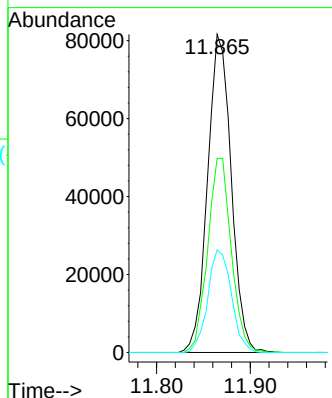
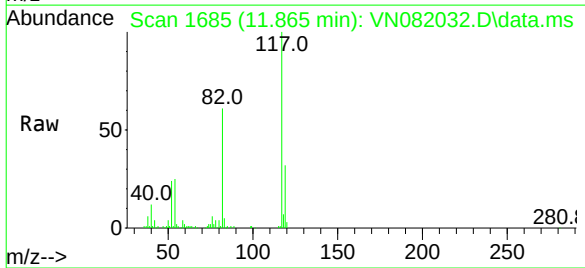




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082032.D
Acq: 08 May 2024 17:13

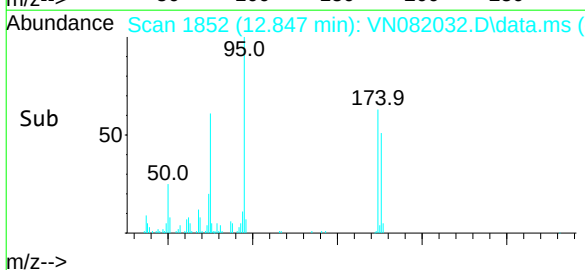
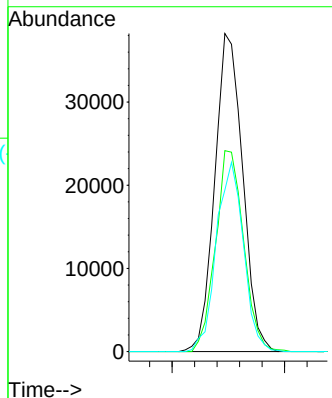
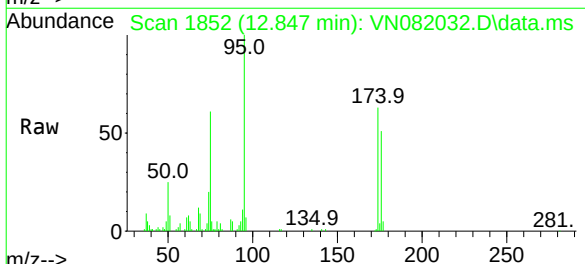
Instrument :
MSVOA_N
ClientSampleId :
240507057-01

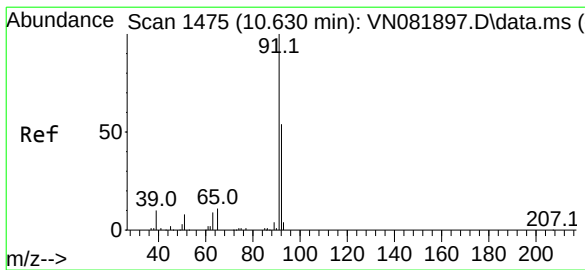
Tgt Ion:117 Resp: 143117
Ion Ratio Lower Upper
117 100
82 61.1 46.6 69.8
119 32.3 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 27.630 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082032.D
Acq: 08 May 2024 17:13

Tgt Ion: 95 Resp: 65808
Ion Ratio Lower Upper
95 100
174 63.7 60.5 90.7
176 58.0 57.8 86.6





#62

Toluene

Concen: 8.059 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN082032.D

Acq: 08 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

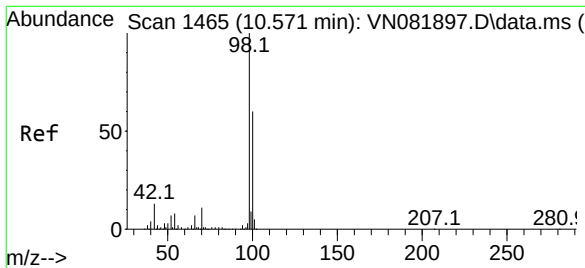
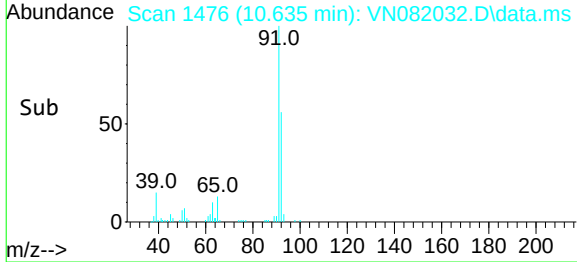
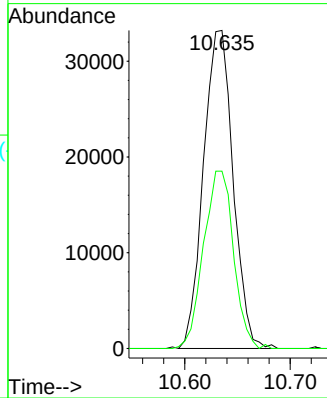
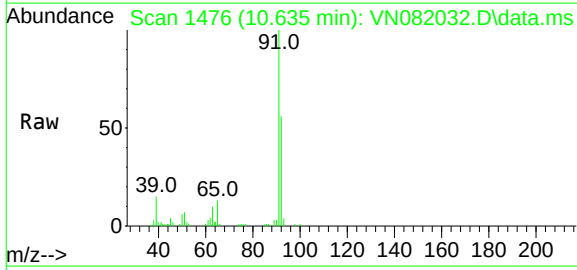
240507057-01

Tgt Ion: 91 Resp: 64894

Ion Ratio Lower Upper

91 100

92 56.2 46.5 69.7



#63

Toluene-d8

Concen: 30.791 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082032.D

Acq: 08 May 2024 17:13

Tgt Ion: 98 Resp: 209279

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

