Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081117.D
Acq On : 21 Feb 2024 13:59
Operator : JC\MD
Sample : P1540-05 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 22 04:46:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
AUD-1327

Manual Integrations APPROVED

Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.223	168	323506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	610798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	517912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204488	51.570	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.140%			
35) Dibromofluoromethane	8.171	113	172273	49.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	10.565	98	580994	47.361	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.720%			
62) 4-Bromofluorobenzene	12.853	95	209994	45.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.120%			
Target Compounds						Qvalue
16) Acetone	4.424	43	3690m	2.365	ug/l	
40) Benzene	8.606	78	6702	0.391	ug/l #	83
52) Toluene	10.635	92	3569	0.329	ug/l	95

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

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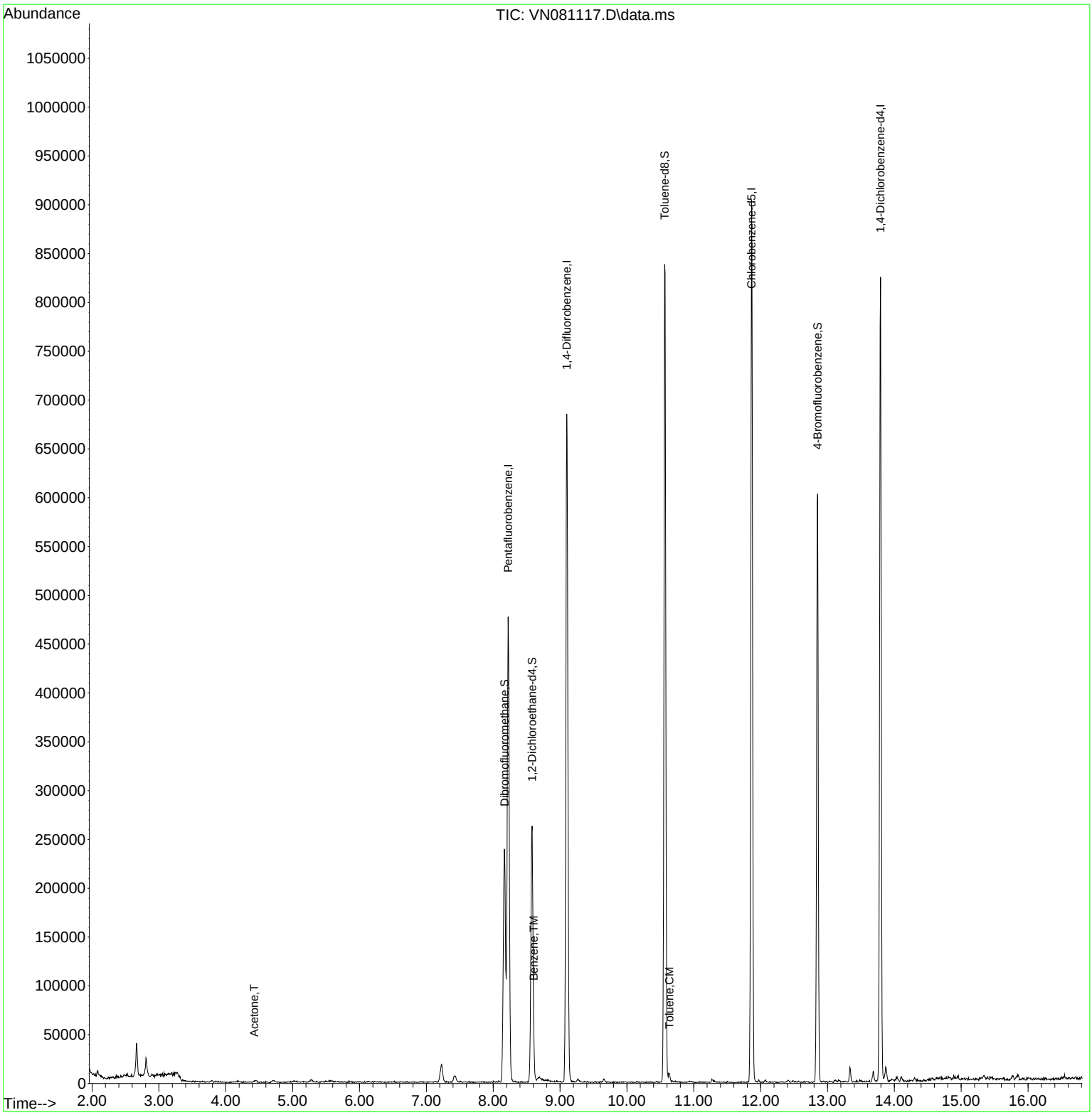
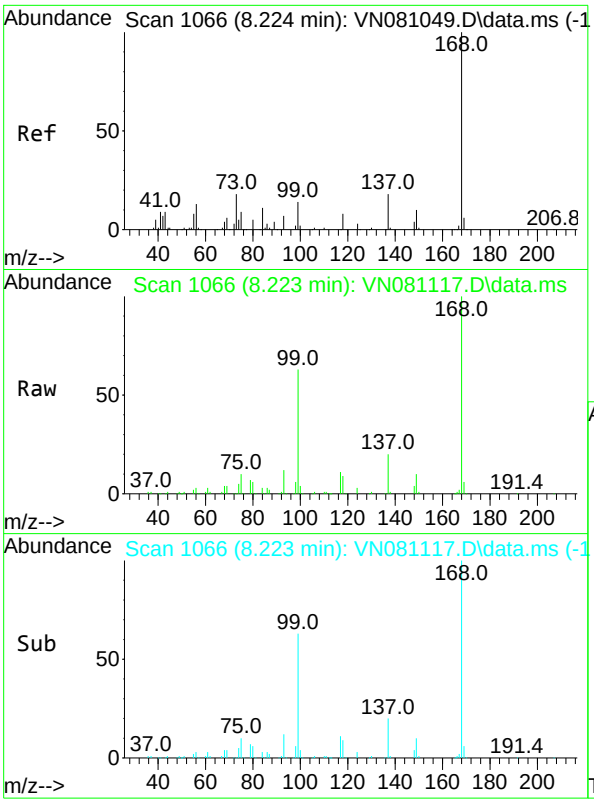
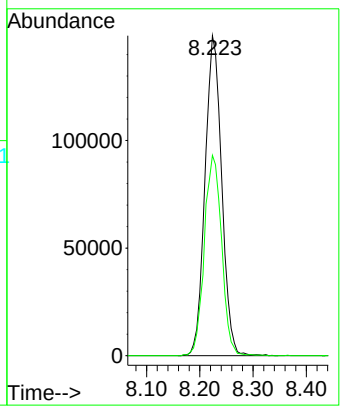




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion:168 Resp: 32350

Ion	Ratio	Lower	Upper
168	100		
99	62.6	59.9	89.9



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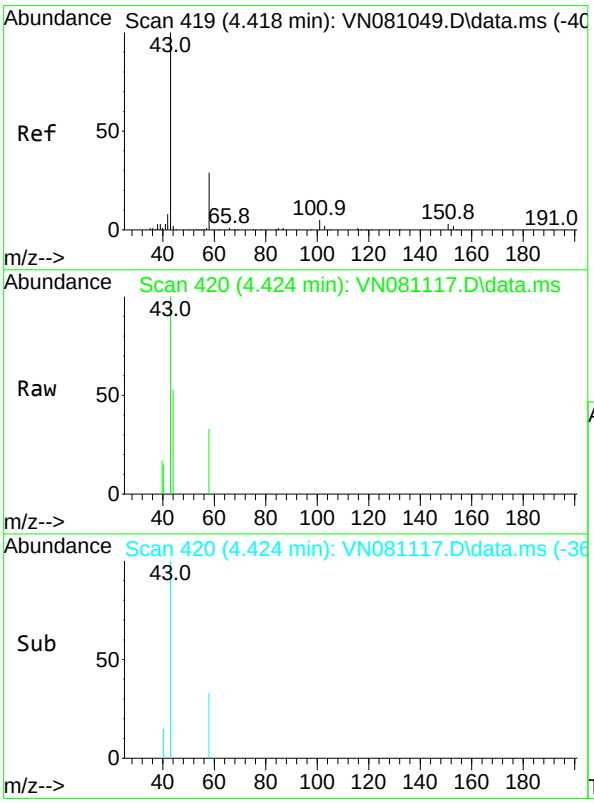
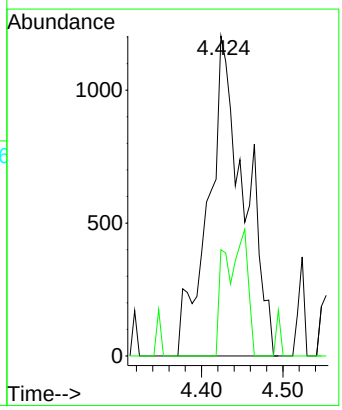
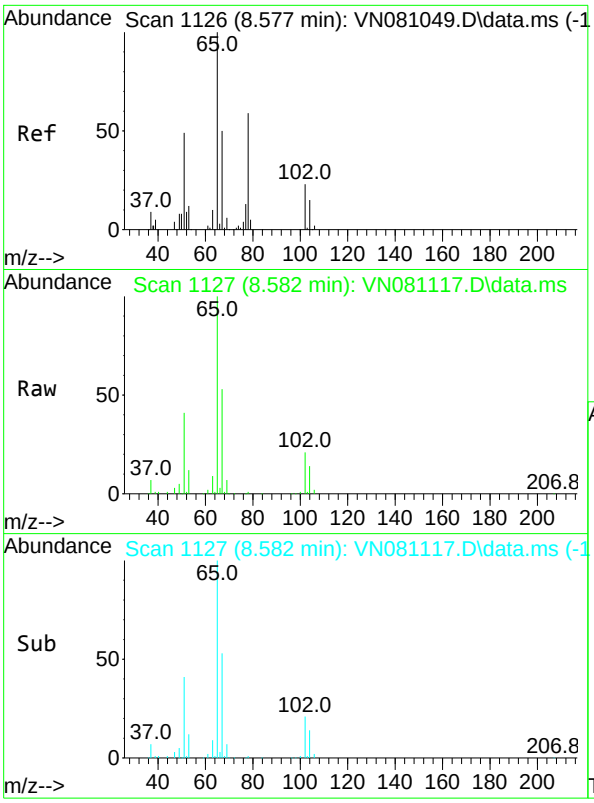


#16
Acetone
Concen: 2.365 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion: 43 Resp: 3690

Ion	Ratio	Lower	Upper
43	100		
58	33.2	24.8	37.2





#33
1,2-Dichloroethane-d4
Concen: 51.570 ug/l
RT: 8.582 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion: 65 Resp: 20448

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	102.4

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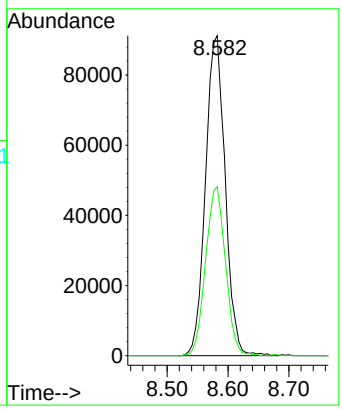
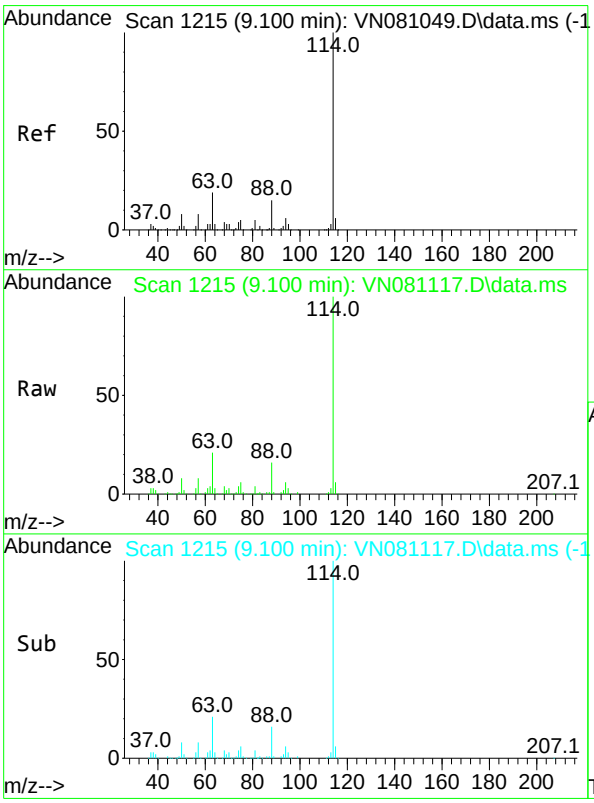
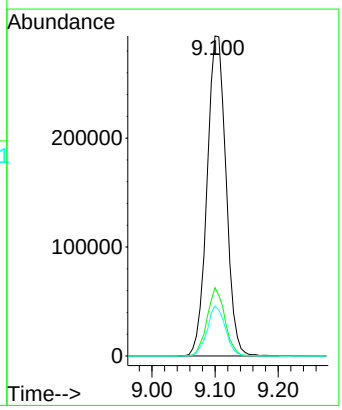


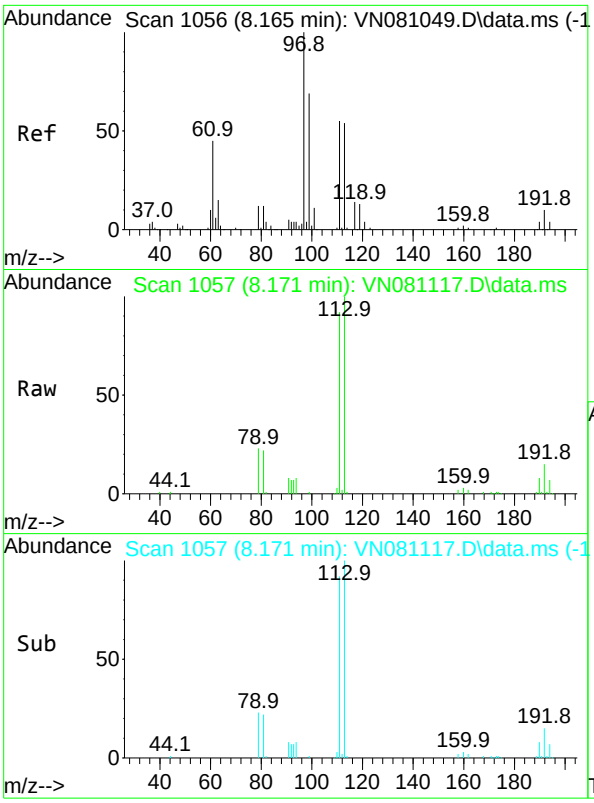


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion:114 Resp: 610798

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	48.0
88	15.6	0.0	34.8

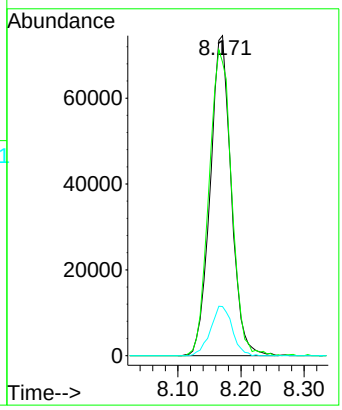




#35
Dibromofluoromethane
Concen: 49.878 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion:113 Resp: 17227

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	16.0	12.5	18.7



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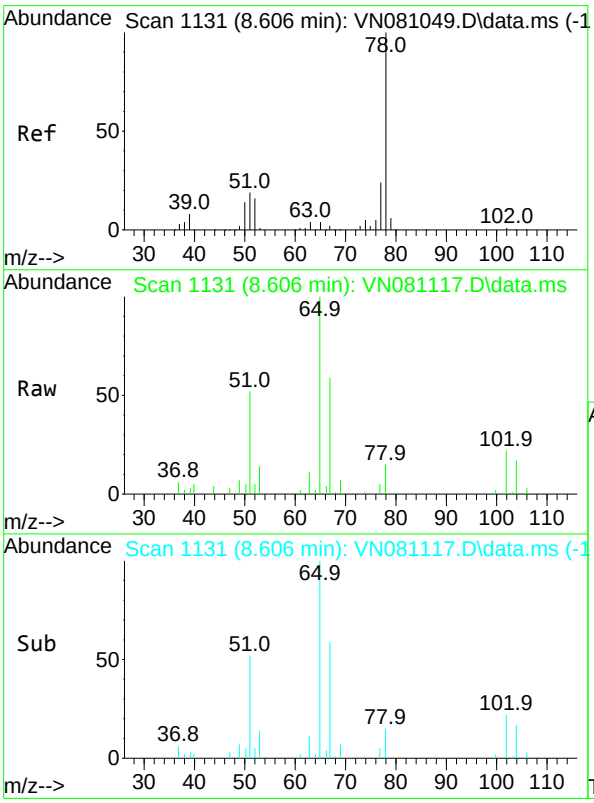
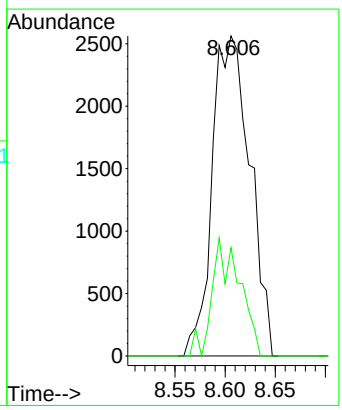
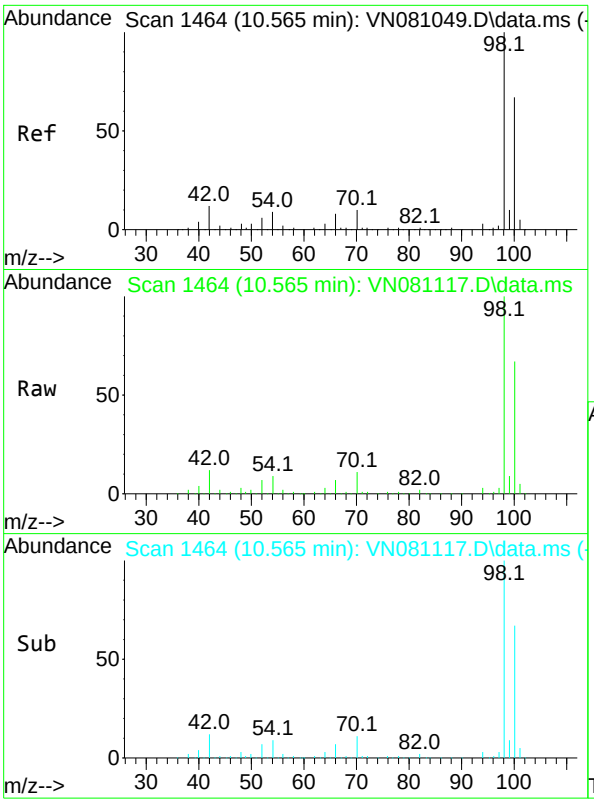


#40
Benzene
Concen: 0.391 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion: 78 Resp: 6702

Ion	Ratio	Lower	Upper
78	100		
77	33.9	20.4	30.6#





#50
Toluene-d8
Concen: 47.361 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion: 98 Resp: 58099

Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.4	77.0

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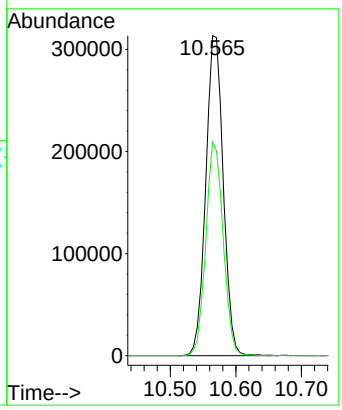
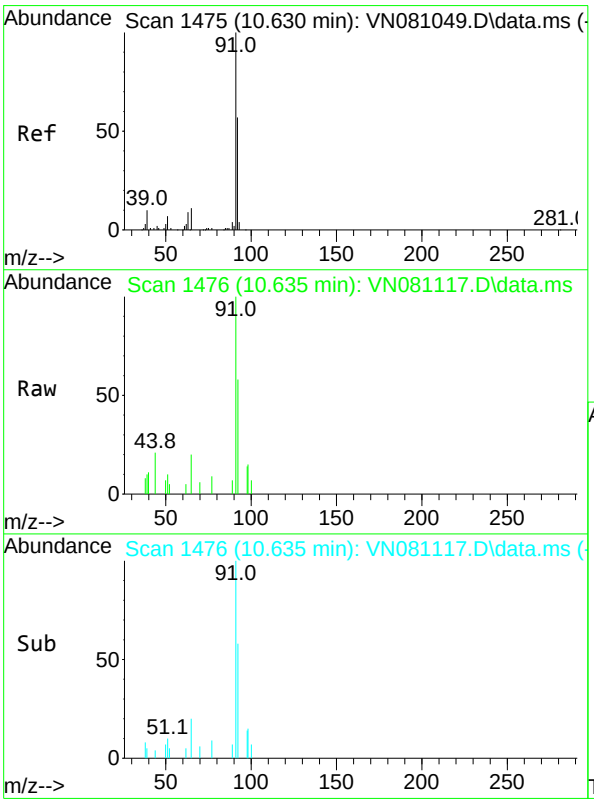
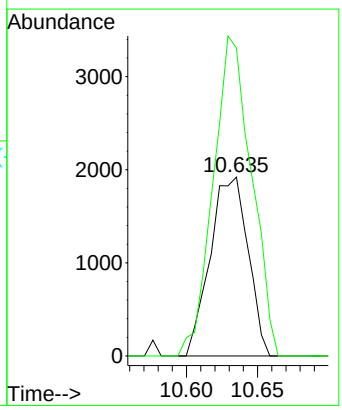


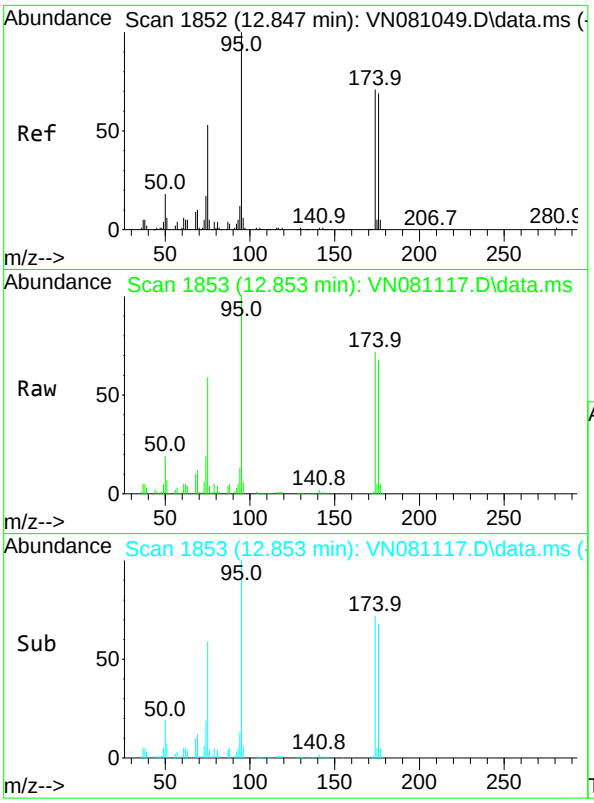


#52
Toluene
Concen: 0.329 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion: 92 Resp: 3569

Ion	Ratio	Lower	Upper
92	100		
91	180.6	139.4	209.0

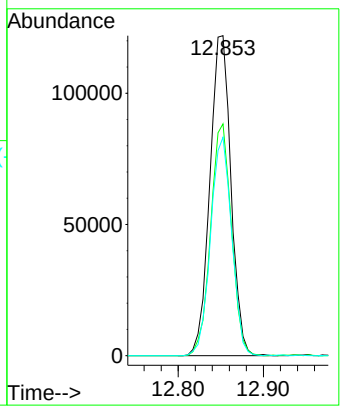




#62
4-Bromofluorobenzene
Concen: 45.557 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion: 95 Resp: 20999

Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	120.4
176	68.1	0.0	121.0



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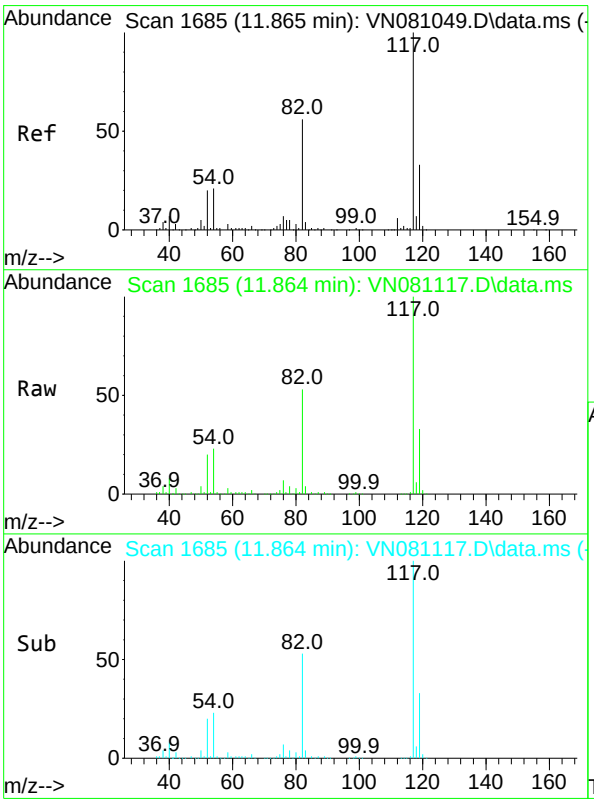
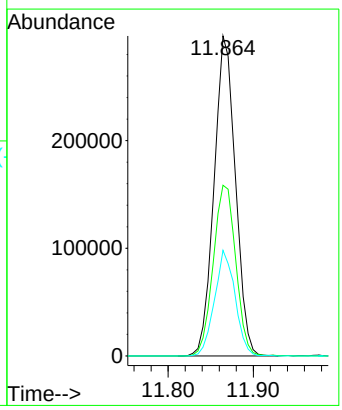
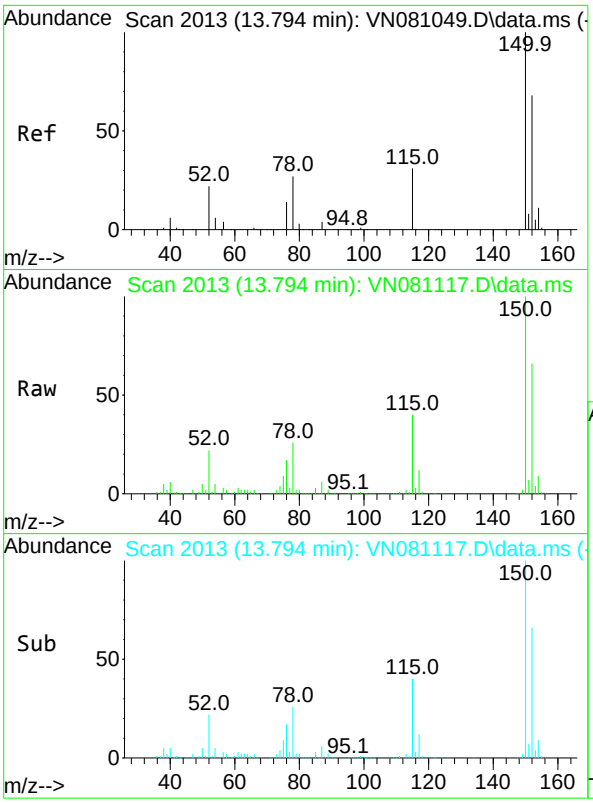


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion:117 Resp: 517912

Ion	Ratio	Lower	Upper
117	100		
82	53.4	52.7	79.1
119	33.0	25.3	37.9

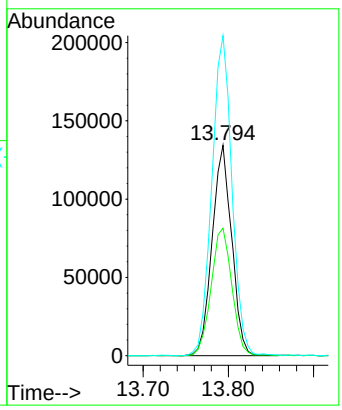




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN081117.D
Acq: 21 Feb 2024 13:59

Tgt Ion:152 Resp: 21476

Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.3	96.8
150	156.4	0.0	339.8



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