Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
Data File : VN080747.D
Acq On : 22 Jan 2024 19:45
Operator : JC\MD
Sample : P1179-14 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-7

Quant Time: Jan 23 03:59:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	124865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	104512	47.662	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.320%			
35) Dibromofluoromethane	8.165	113	83651	49.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.420%			
50) Toluene-d8	10.565	98	346721	53.488	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.847	95	142518	57.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.660%			
Target Compounds						Qvalue
40) Benzene	8.606	78	143751	14.684	ug/l	97
52) Toluene	10.629	92	58990	10.517	ug/l	98
68) m/p-Xylenes	12.065	106	13137	2.861	ug/l	93
69) o-Xylene	12.406	106	10174	2.266	ug/l	99
95) Naphthalene	15.641	128	56766	6.315	ug/l	97

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

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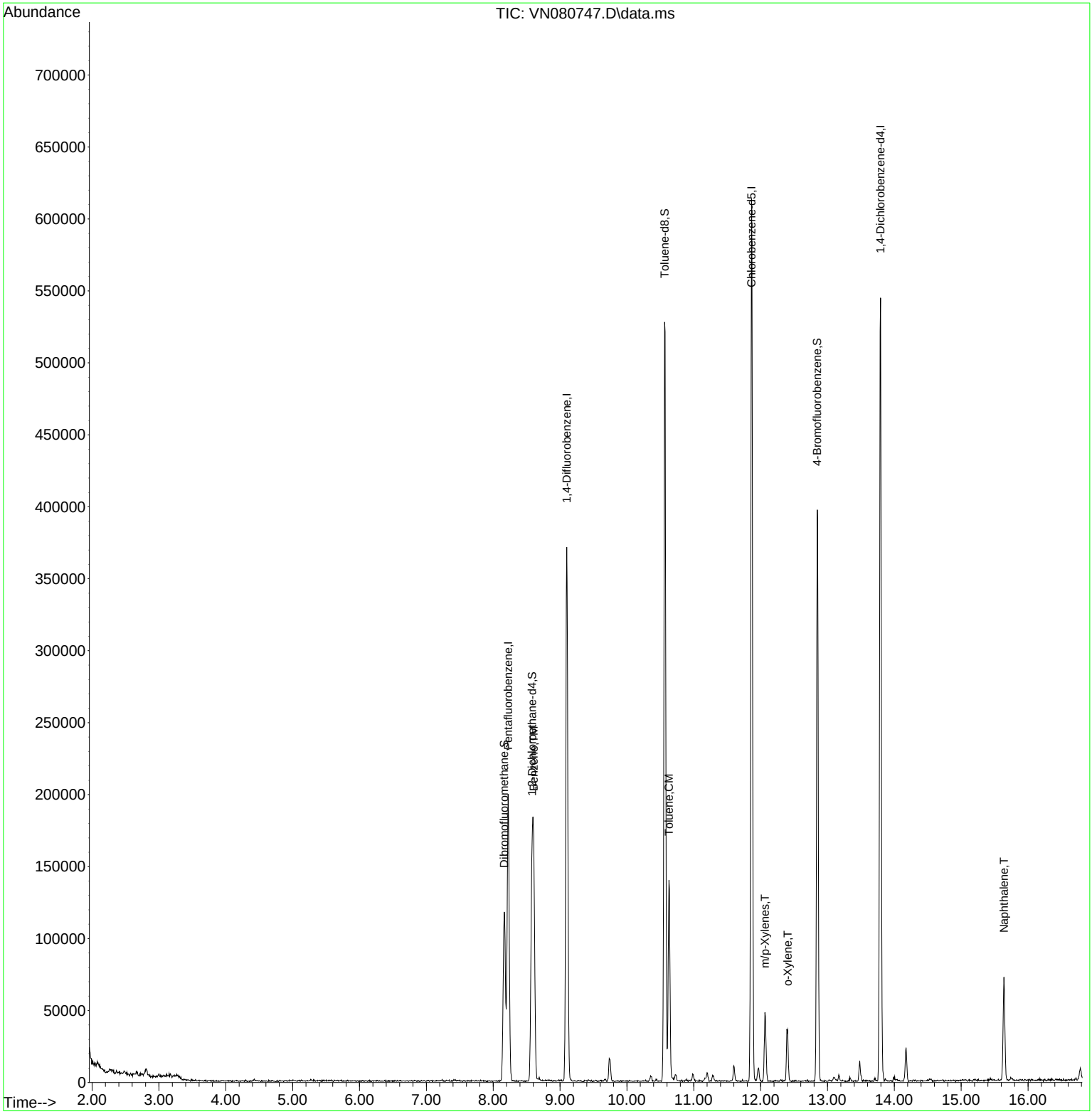
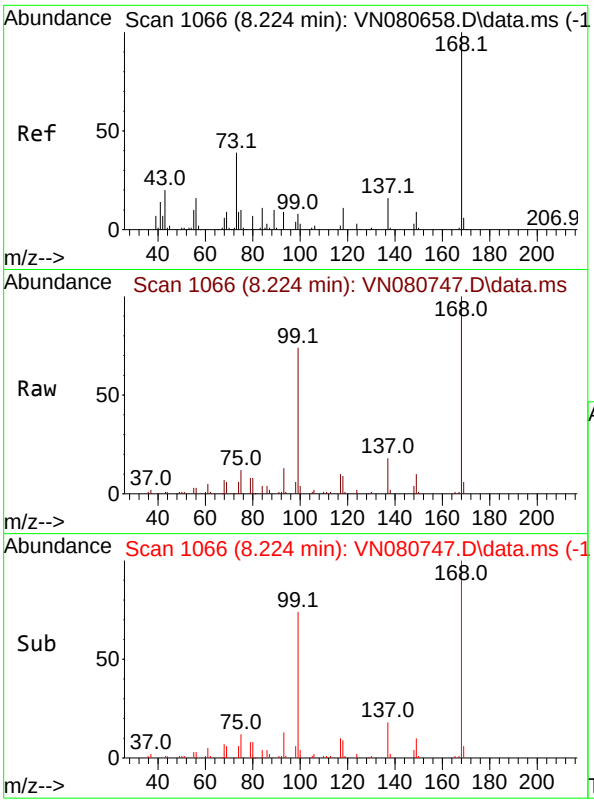


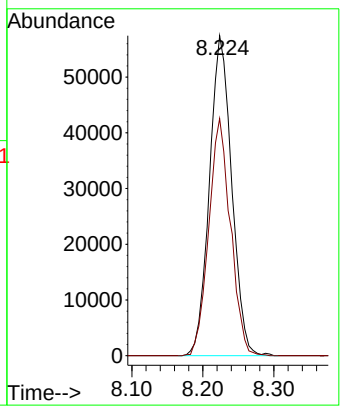


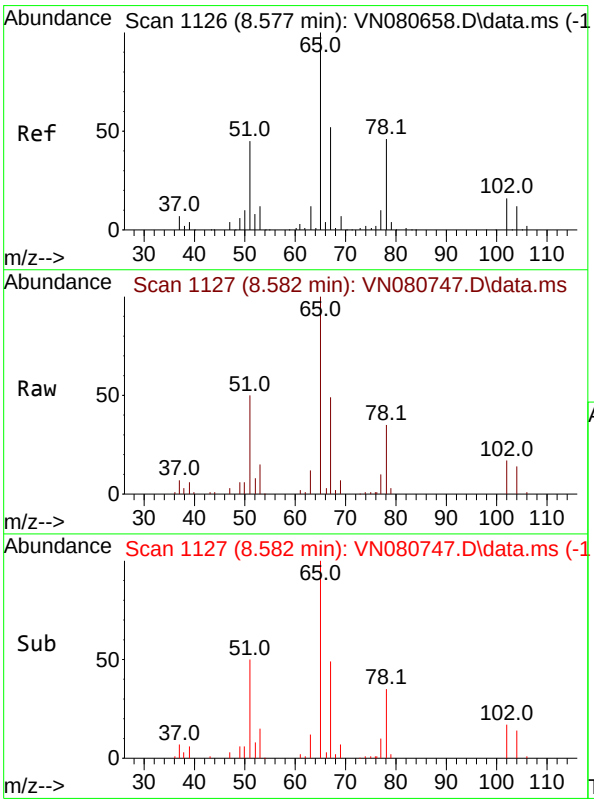
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
S-7

Tgt Ion:168 Resp: 124865

Ion	Ratio	Lower	Upper
168	100		
99	74.1	53.0	79.6

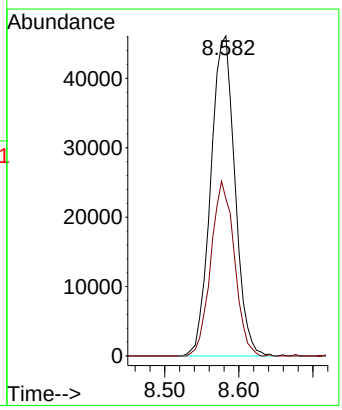


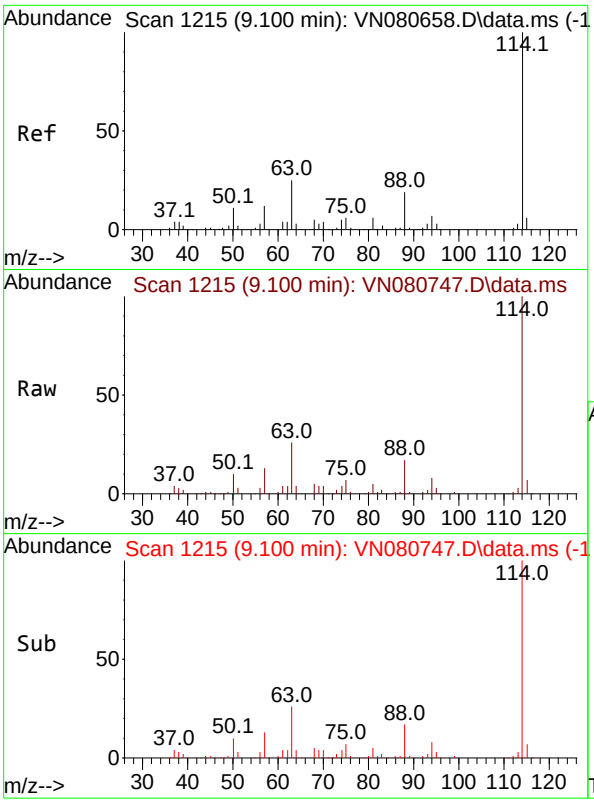


#33
1,2-Dichloroethane-d4
Concen: 47.662 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Tgt Ion: 65 Resp: 104512

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6



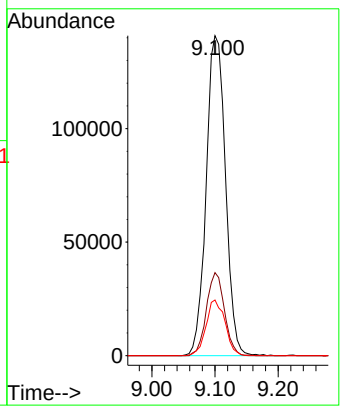


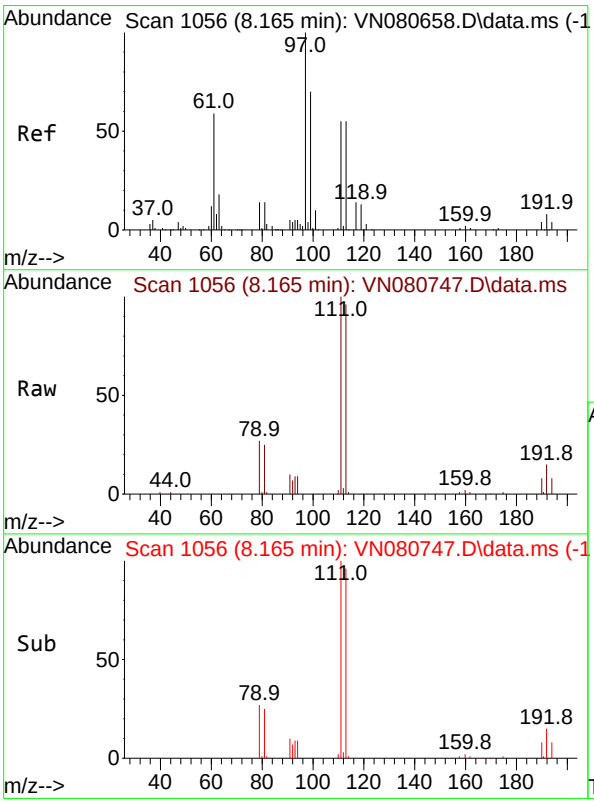
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
S-7

Tgt Ion:114 Resp: 299203

Ion	Ratio	Lower	Upper
114	100		
63	26.0	0.0	36.4
88	17.4	0.0	30.6

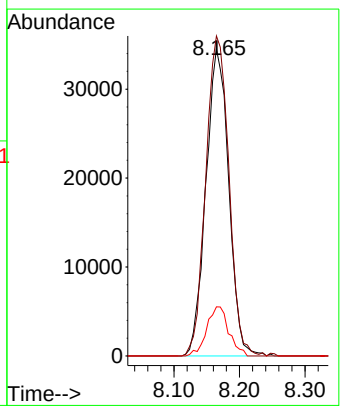


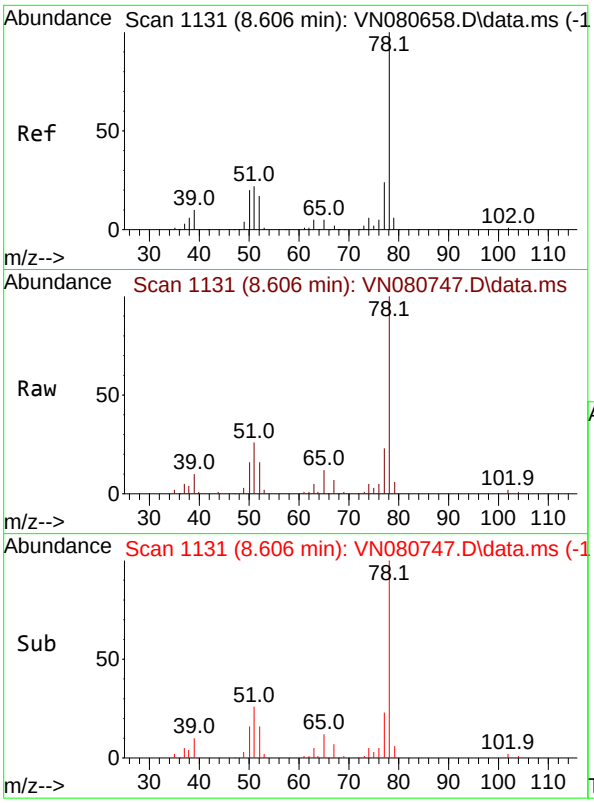


#35
Dibromofluoromethane
Concen: 49.207 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Tgt Ion:113 Resp: 83651

Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	123.8
192	15.5	12.7	19.1



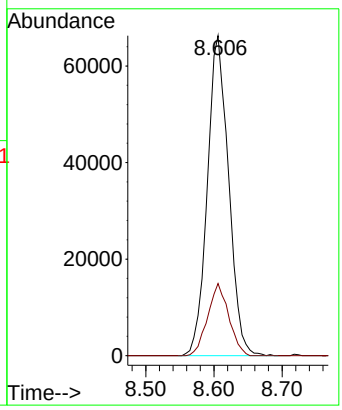


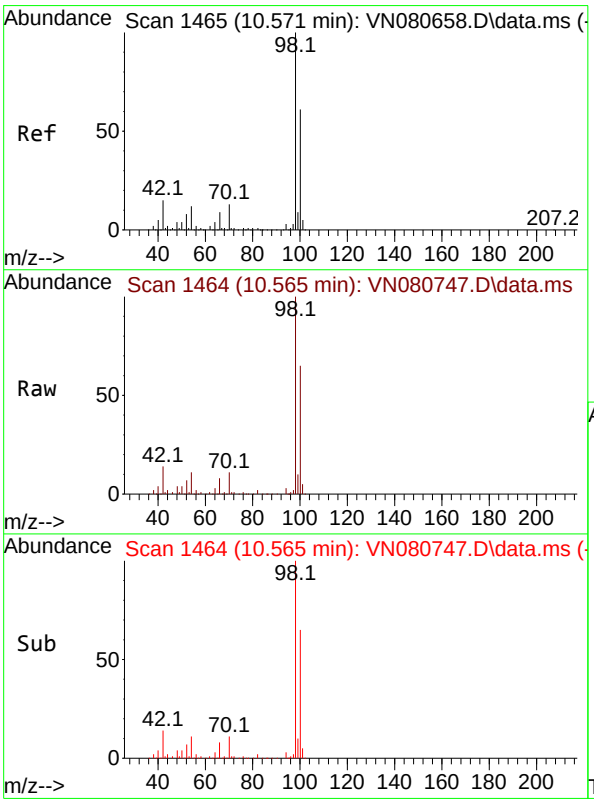
#40
Benzene
Concen: 14.684 ug/l
RT: 8.606 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
S-7

Tgt Ion: 78 Resp: 143751

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.6

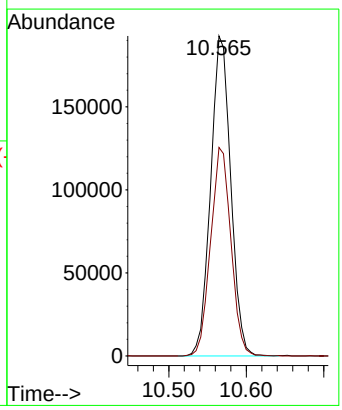


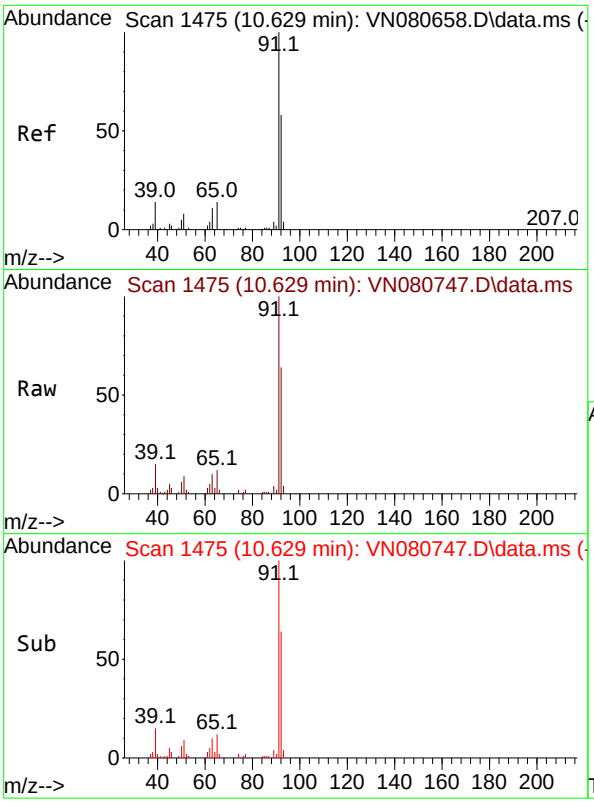


#50
Toluene-d8
Concen: 53.488 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Tgt Ion: 98 Resp: 346721

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.0	78.0



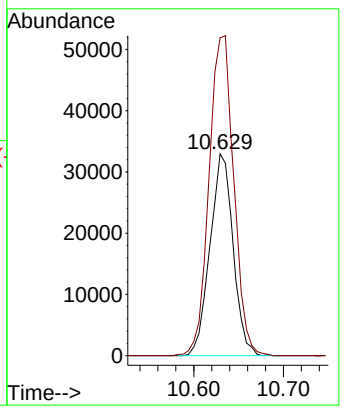


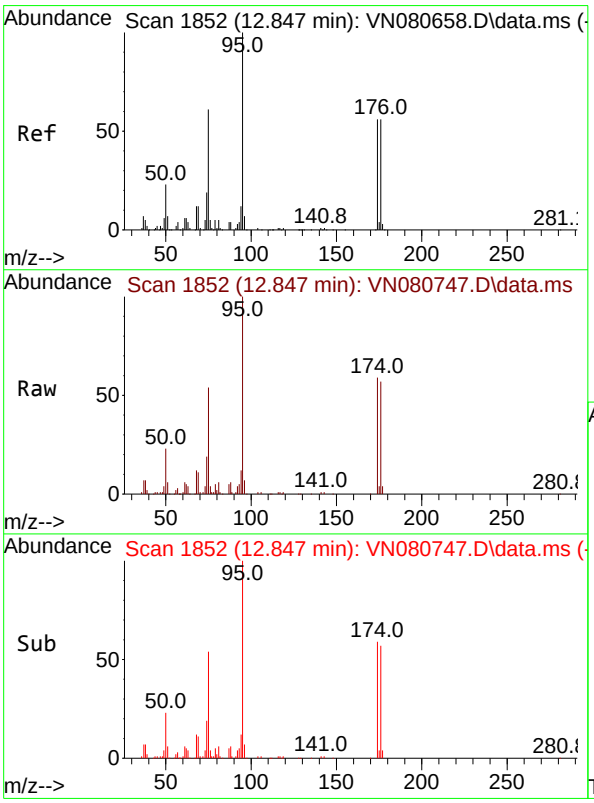
#52
Toluene
Concen: 10.517 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
S-7

Tgt Ion: 92 Resp: 58990

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.4	206.0

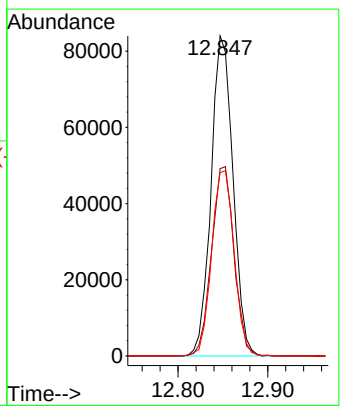


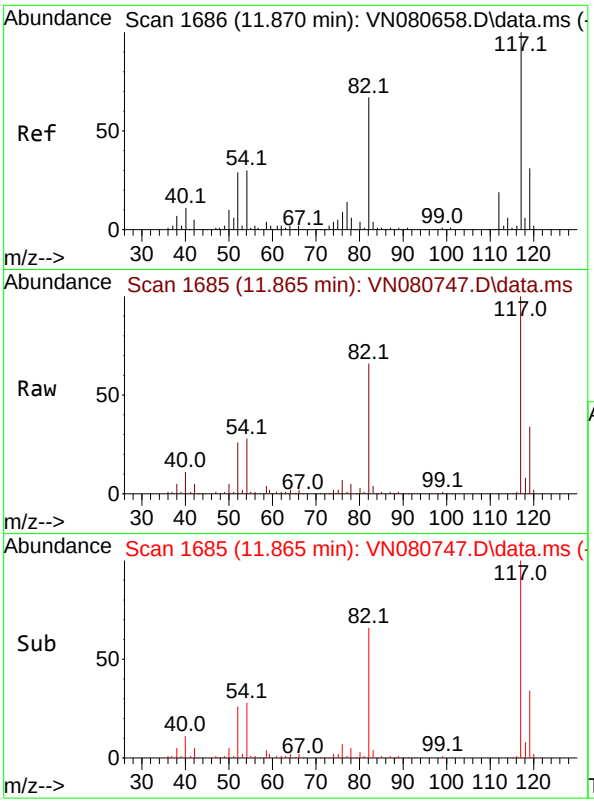


#62
4-Bromofluorobenzene
Concen: 57.333 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Tgt Ion: 95 Resp: 142518

Ion	Ratio	Lower	Upper
95	100		
174	60.4	0.0	143.8
176	59.4	0.0	135.8



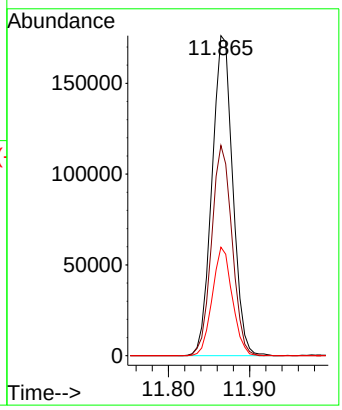


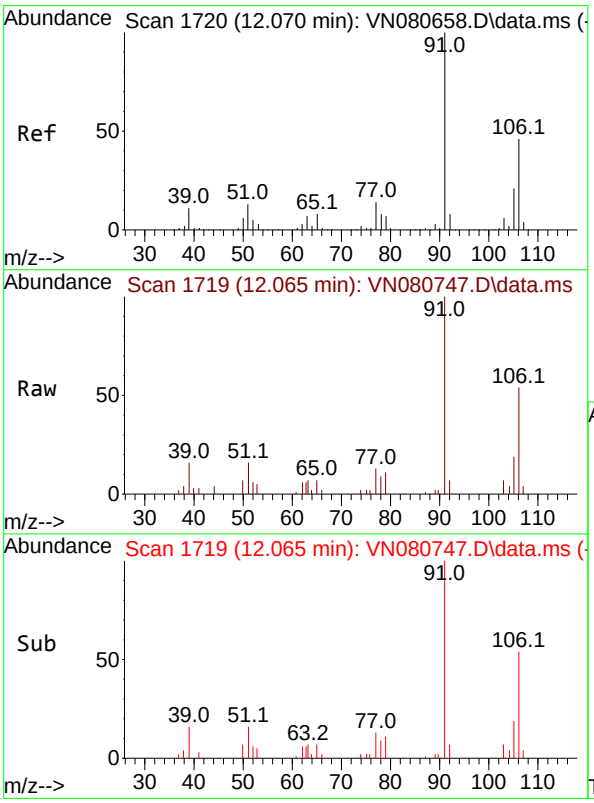
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
S-7

Tgt Ion:117 Resp: 313062

Ion	Ratio	Lower	Upper
117	100		
82	65.7	44.0	66.0
119	33.9	25.6	38.4

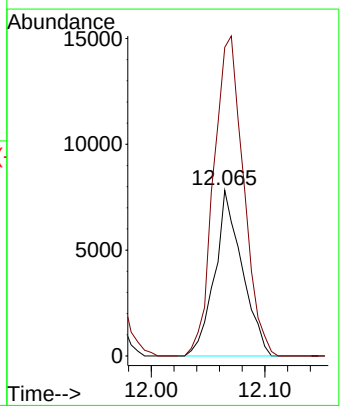


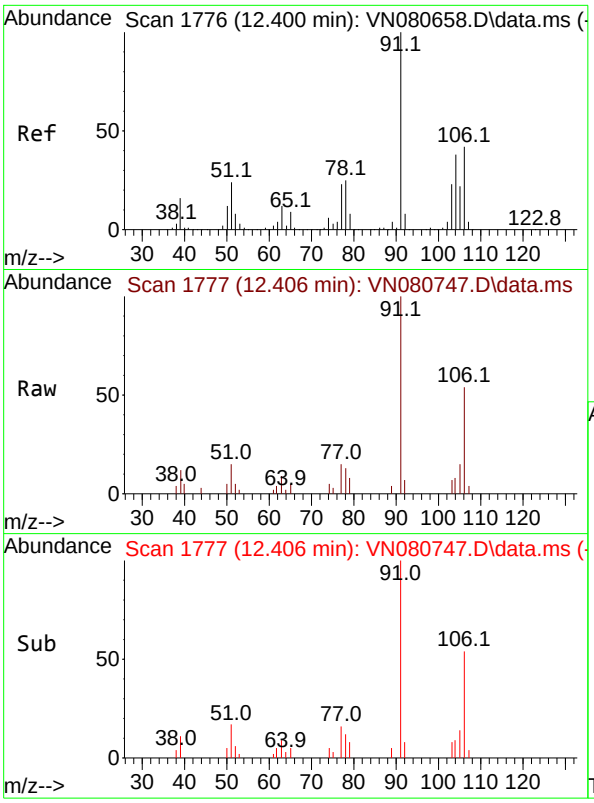


#68
m/p-Xylenes
Concen: 2.861 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Tgt Ion:106 Resp: 13137

Ion	Ratio	Lower	Upper
106	100		
91	210.0	159.6	239.4



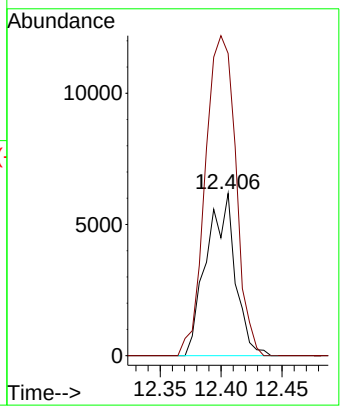


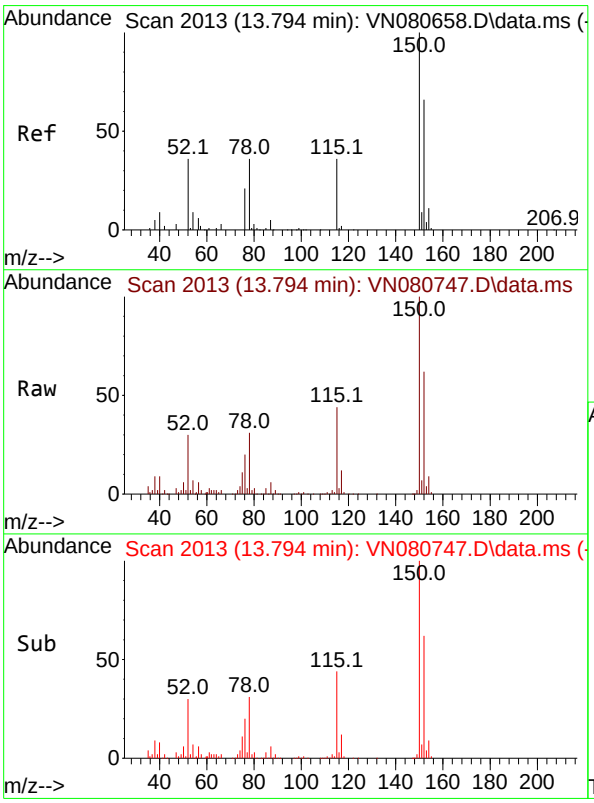
#69
o-Xylene
Concen: 2.266 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
S-7

Tgt Ion:106 Resp: 10174

Ion	Ratio	Lower	Upper
106	100		
91	208.6	105.2	315.5

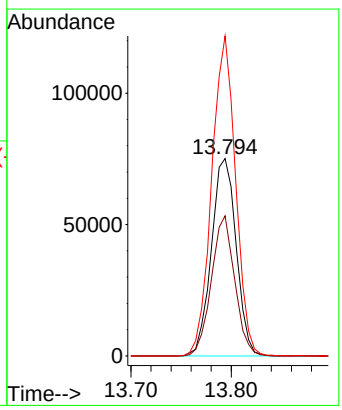


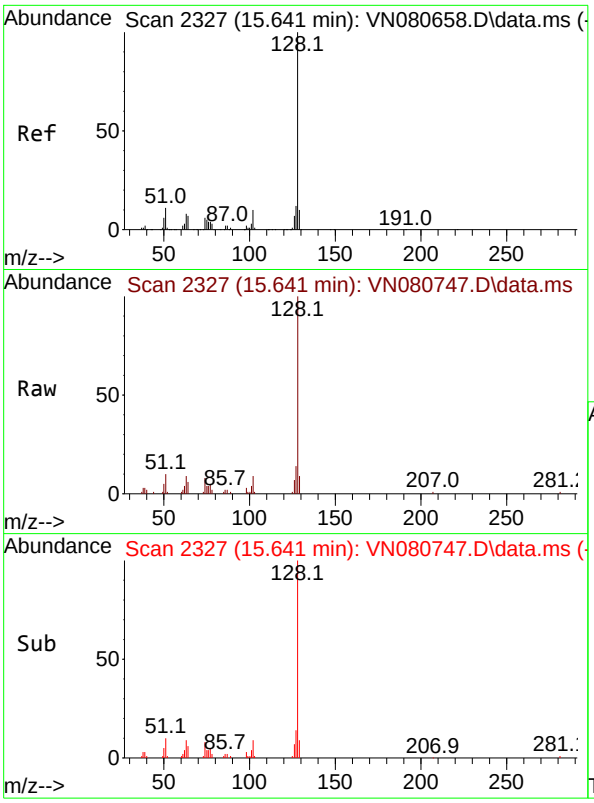


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Tgt Ion:152 Resp: 129013

Ion	Ratio	Lower	Upper
152	100		
115	66.9	32.3	96.8
150	155.9	0.0	355.8





#95
Naphthalene
Concen: 6.315 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080747.D
Acq: 22 Jan 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
S-7

Tgt Ion:128 Resp: 56766

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.0	15.0
129	10.6	8.7	13.1