Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
Data File : VN080745.D
Acq On : 22 Jan 2024 18:57
Operator : JC\MD
Sample : P1179-12 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-5

Quant Time: Jan 23 03:58:27 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	132768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101325	43.458	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 86.920%			
35) Dibromofluoromethane	8.165	113	82496	48.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	10.565	98	340612	52.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.847	95	131315	52.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.880%			
Target Compounds						Qvalue
40) Benzene	8.606	78	221557	22.682	ug/l	93
52) Toluene	10.629	92	75324	13.459	ug/l	100
68) m/p-Xylenes	12.059	106	15970	3.627	ug/l	89
69) o-Xylene	12.400	106	10625	2.468	ug/l	84
95) Naphthalene	15.641	128	67219	8.138	ug/l	97

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

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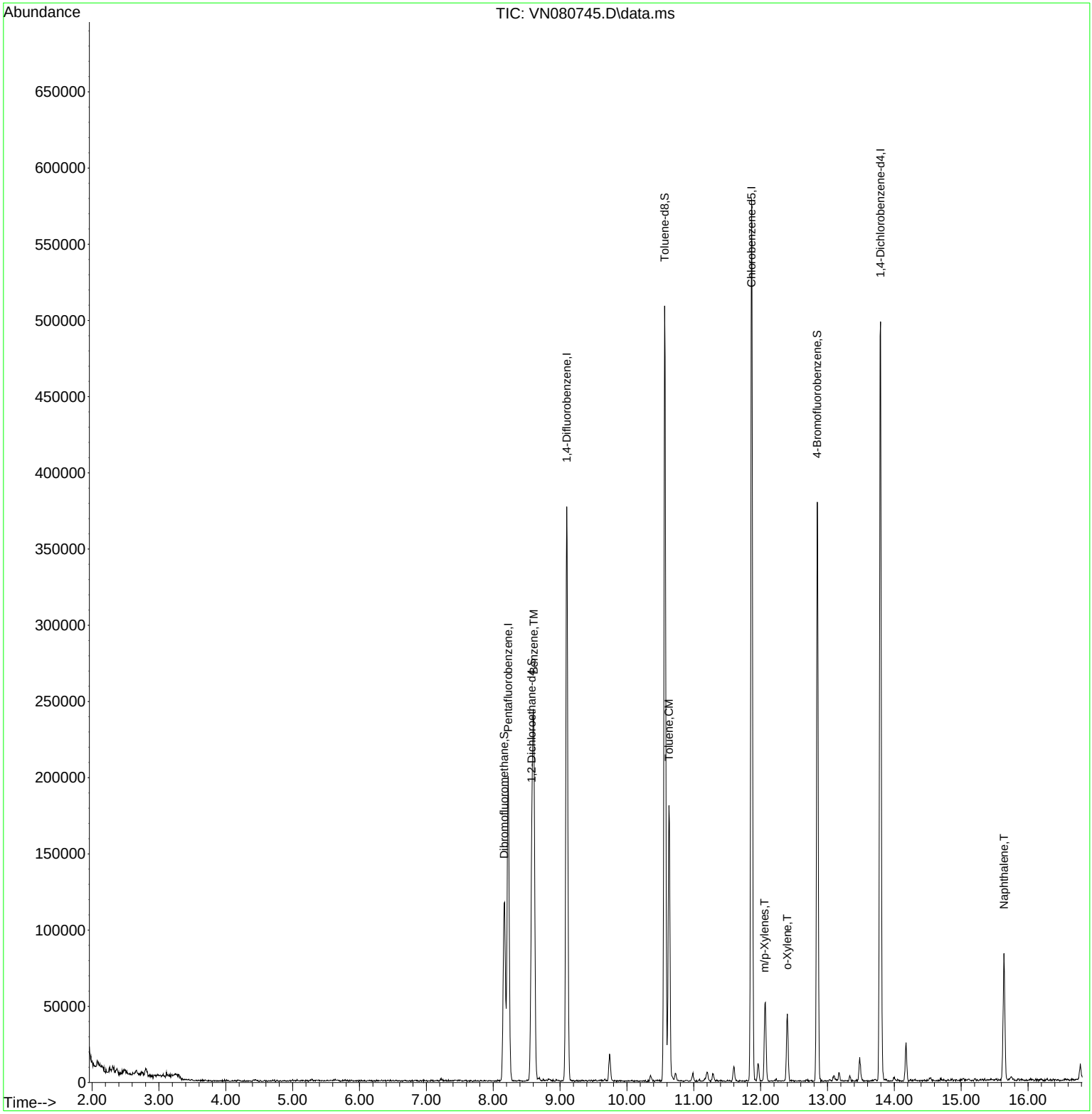
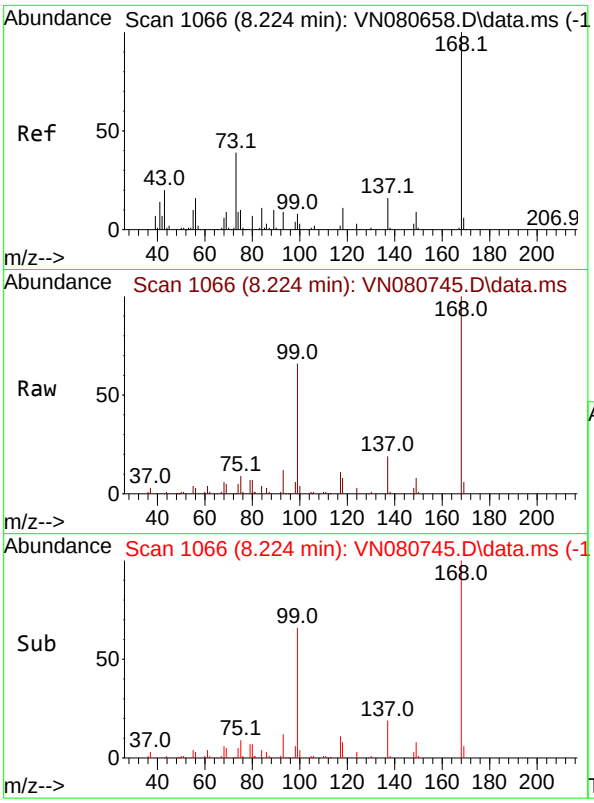


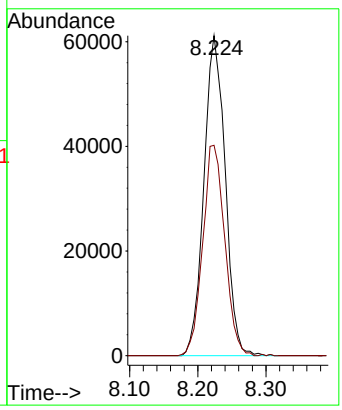


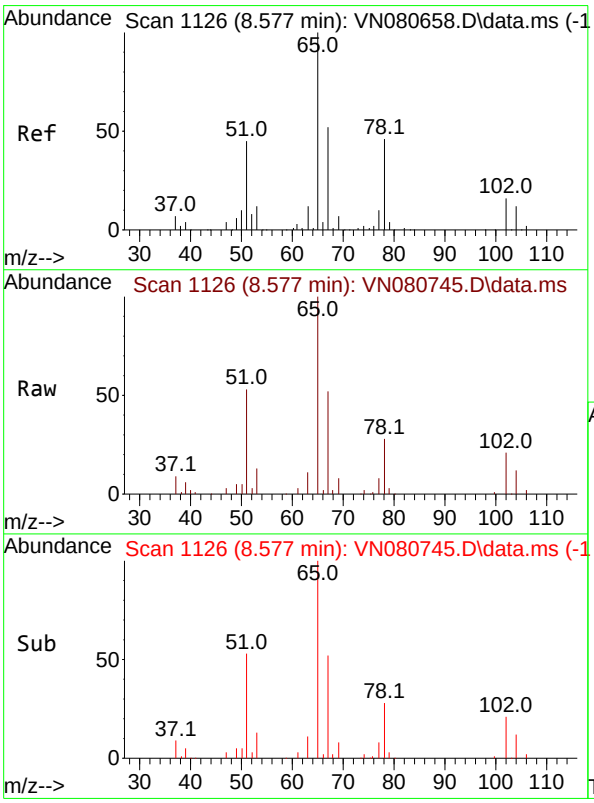
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tgt Ion:168 Resp: 132768

Ion	Ratio	Lower	Upper
168	100		
99	65.8	53.0	79.6

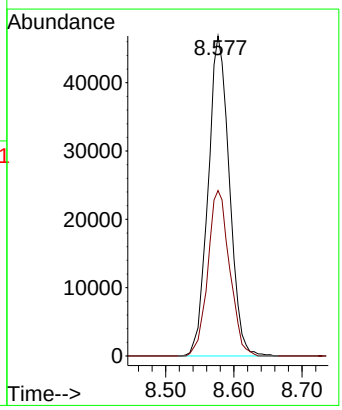


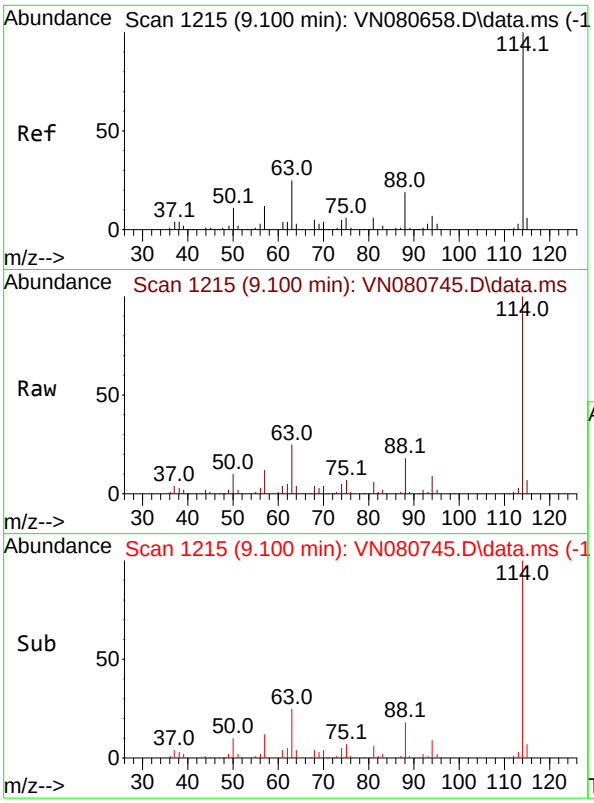


#33
1,2-Dichloroethane-d4
Concen: 43.458 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Tgt Ion: 65 Resp: 101325

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6



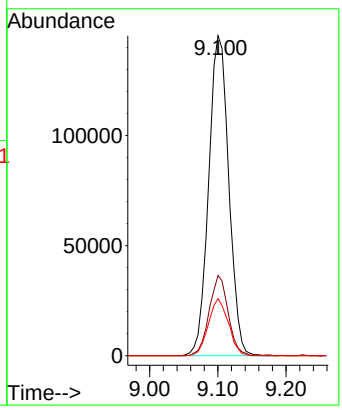


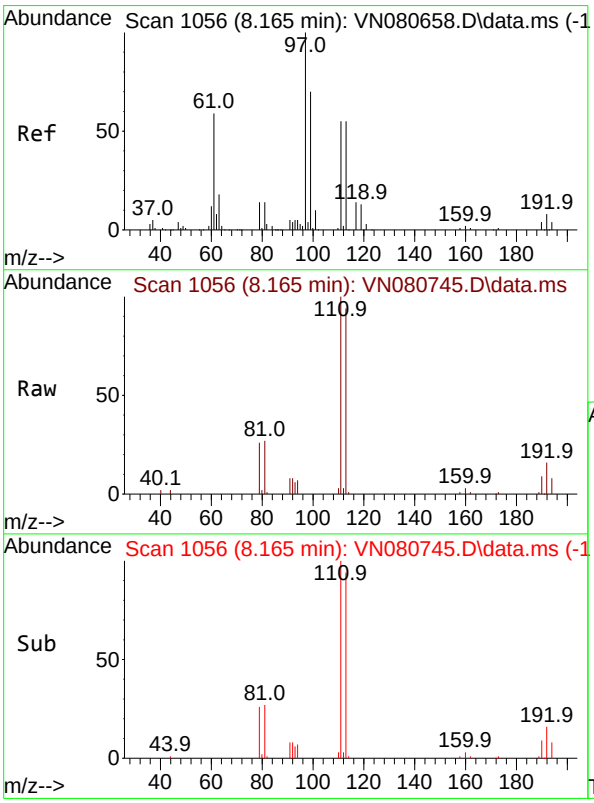
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tgt Ion:114 Resp: 298550

Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	36.4
88	17.8	0.0	30.6

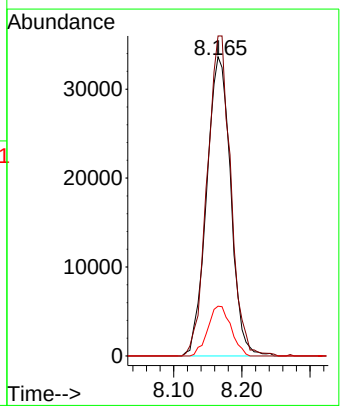


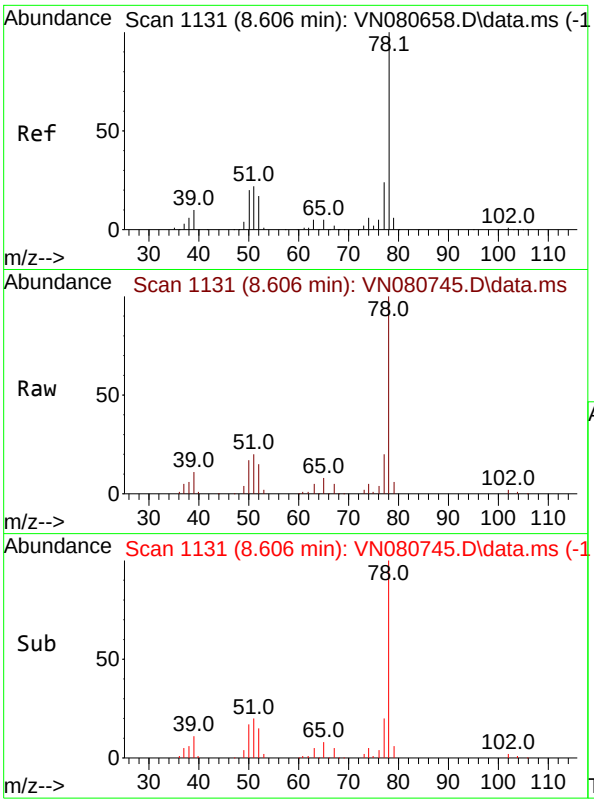


#35
Dibromofluoromethane
Concen: 48.633 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Tgt Ion:113 Resp: 82496

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	123.8
192	16.0	12.7	19.1



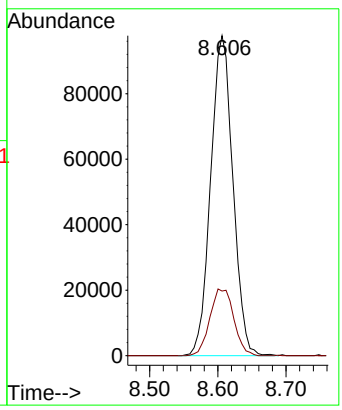


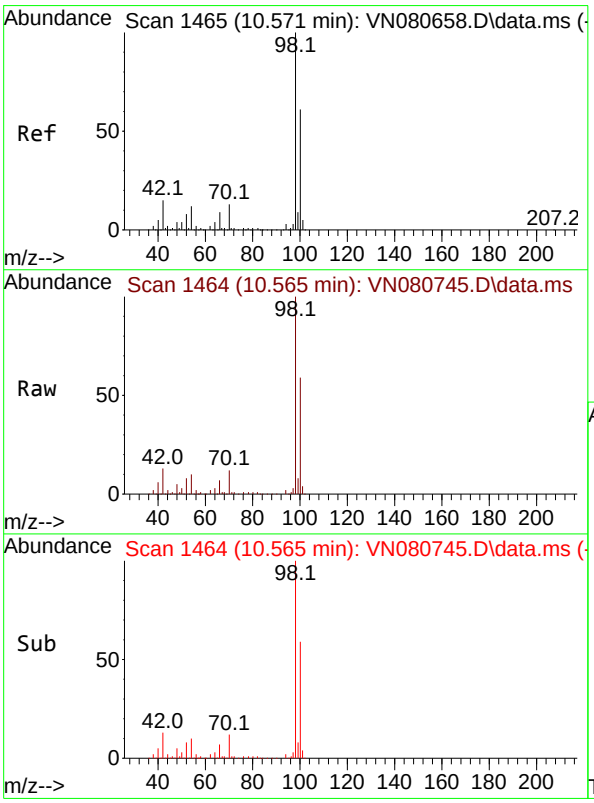
#40
Benzene
Concen: 22.682 ug/l
RT: 8.606 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tgt Ion: 78 Resp: 221557

Ion	Ratio	Lower	Upper
78	100		
77	20.2	19.0	28.6

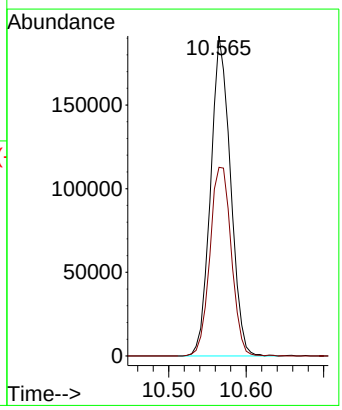


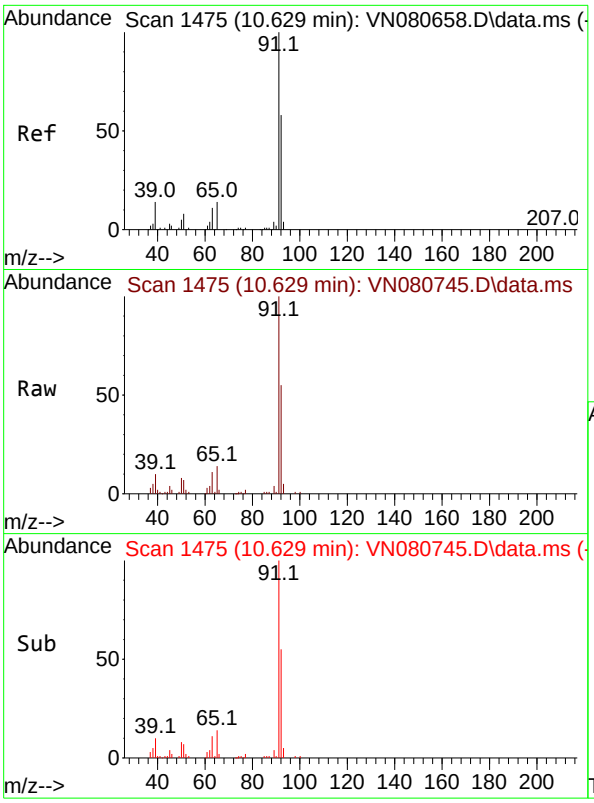


#50
Toluene-d8
Concen: 52.661 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Tgt Ion: 98 Resp: 340612

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0



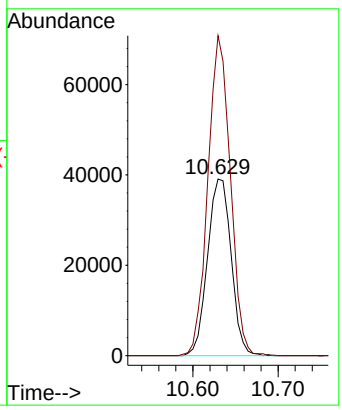


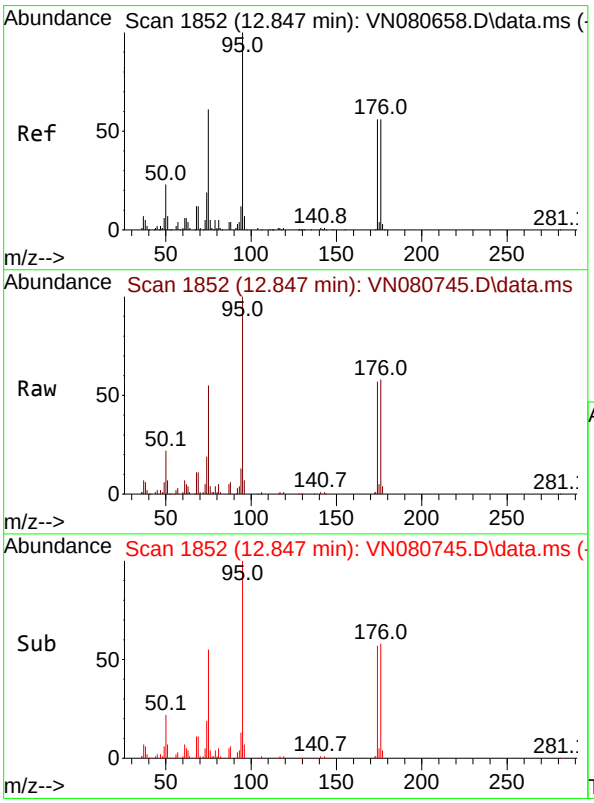
#52
Toluene
Concen: 13.459 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tgt Ion: 92 Resp: 75324

Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.4	206.0

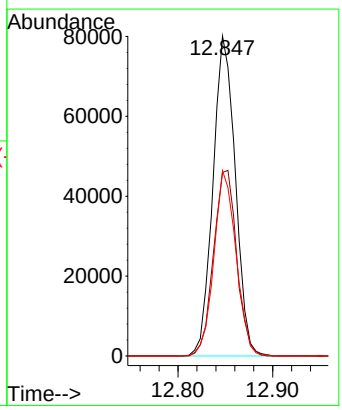


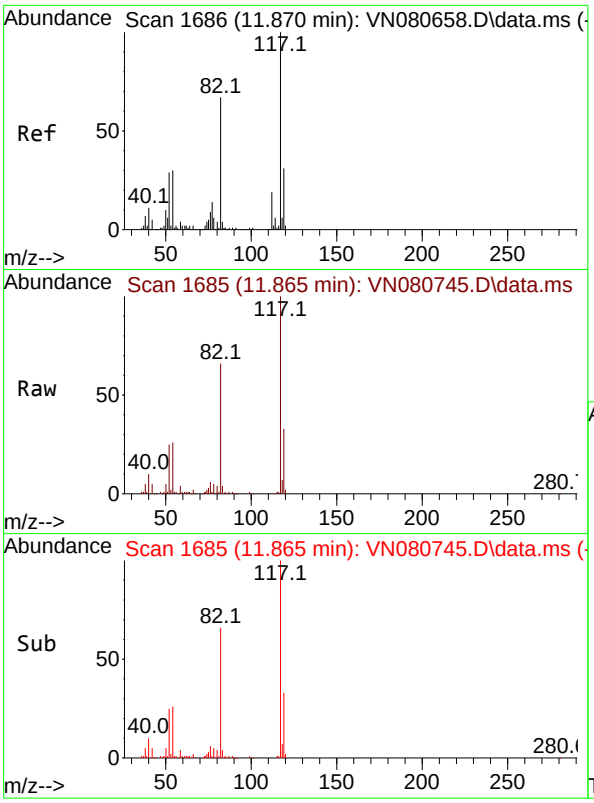


#62
4-Bromofluorobenzene
Concen: 52.942 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Tgt Ion: 95 Resp: 131315

Ion	Ratio	Lower	Upper
95	100		
174	60.2	0.0	143.8
176	57.4	0.0	135.8



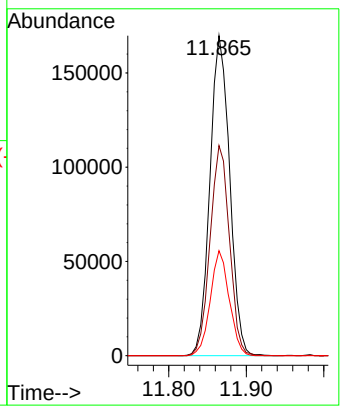


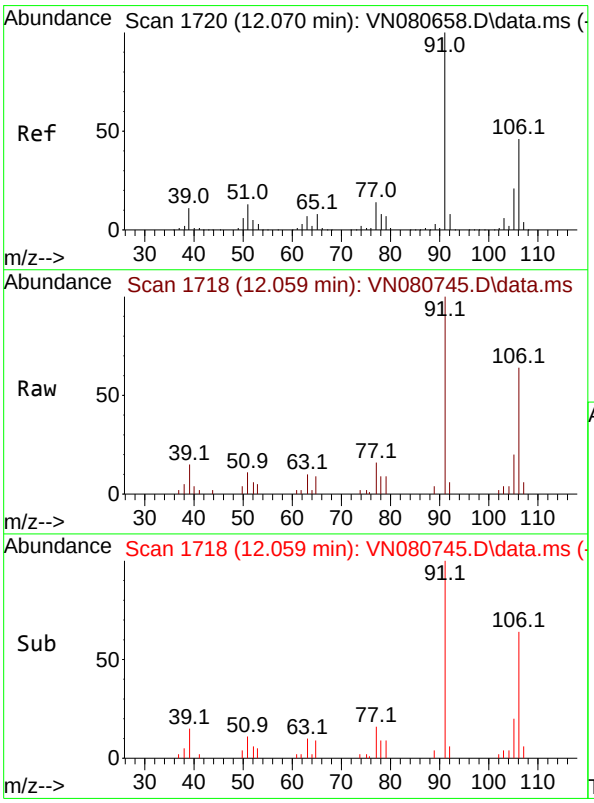
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tgt Ion:117 Resp: 300239

Ion	Ratio	Lower	Upper
117	100		
82	65.7	44.0	66.0
119	32.8	25.6	38.4

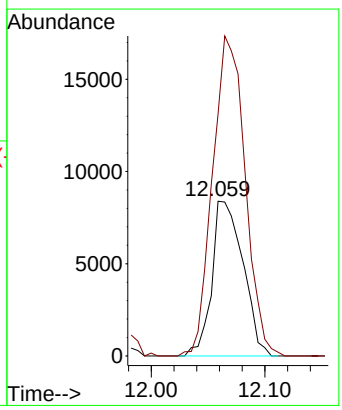


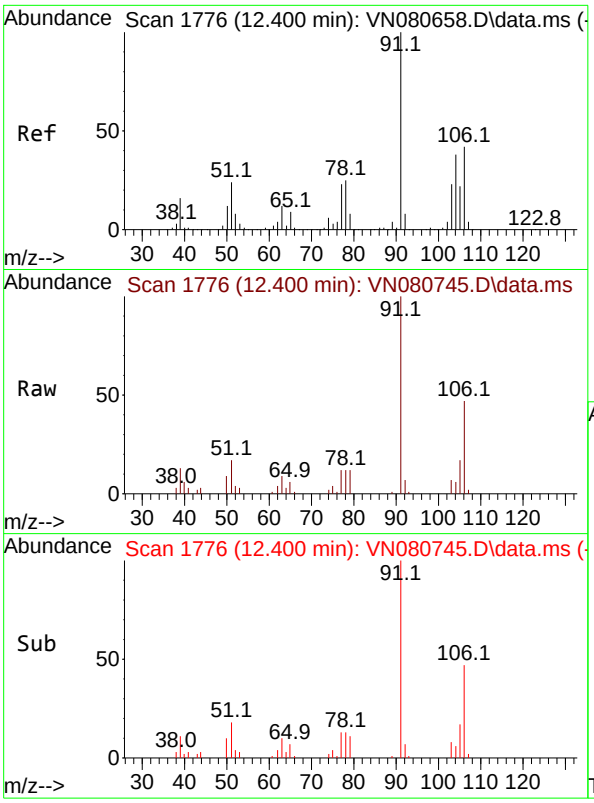


#68
m/p-Xylenes
Concen: 3.627 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. -0.012 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Tgt Ion:106 Resp: 15970

Ion	Ratio	Lower	Upper
106	100		
91	216.5	159.6	239.4



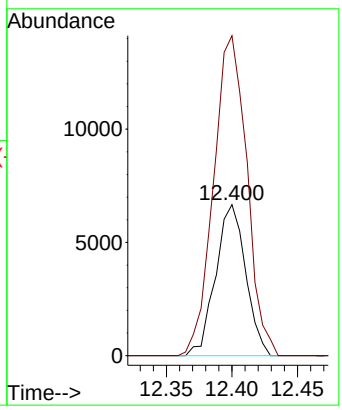


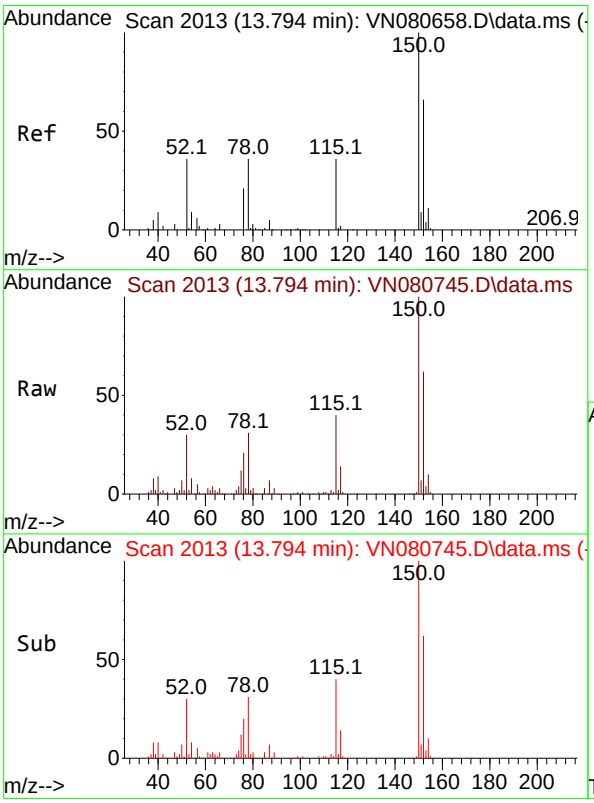
#69
o-Xylene
Concen: 2.468 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tgt Ion:106 Resp: 10625

Ion	Ratio	Lower	Upper
106	100		
91	234.8	105.2	315.5

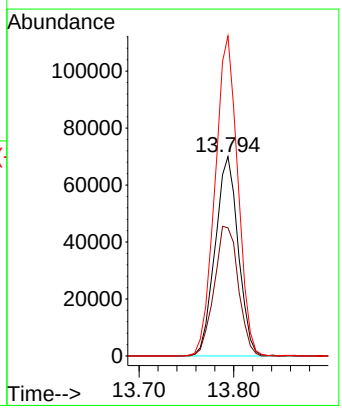


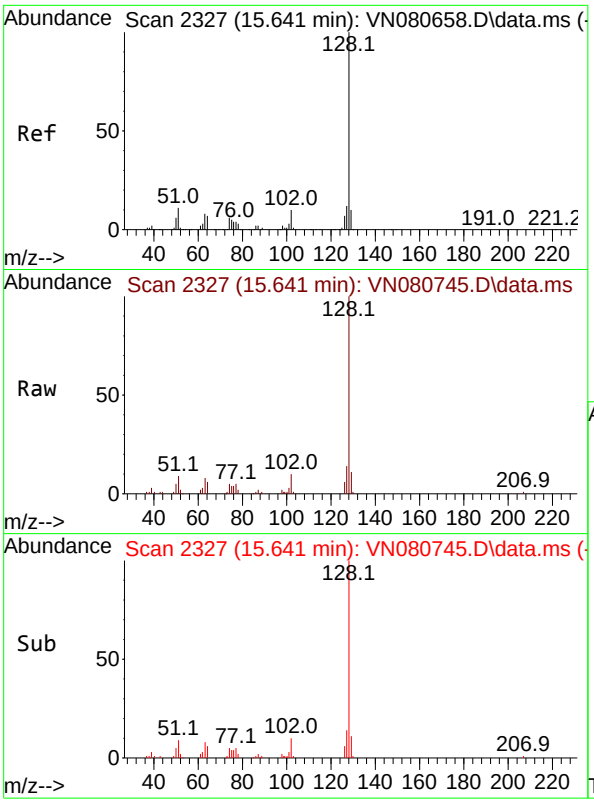


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Tgt Ion:152 Resp: 118545

Ion	Ratio	Lower	Upper
152	100		
115	68.0	32.3	96.8
150	158.1	0.0	355.8





#95
Naphthalene
Concen: 8.138 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080745.D
Acq: 22 Jan 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
S-5

Tgt Ion:128 Resp: 67219

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.0	15.0
129	11.4	8.7	13.1