Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
Data File : VN070575.D
Acq On : 11 Jan 2022 18:17
Operator : JC/MD
Sample : N1102-01 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31280

Quant Time: Jan 12 06:03:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.083	168	963372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1617959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1408632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	498810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	683170	49.321	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.640%			
35) Dibromofluoromethane	8.021	113	484914	49.534	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.060%			
50) Toluene-d8	10.438	98	1973325	49.344	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.680%			
62) 4-Bromofluorobenzene	12.728	95	707935	49.013	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.020%			
Target Compounds						Qvalue
16) Acetone	4.291	43	53867	5.991	ug/l	95
52) Toluene	10.502	92	53744	1.788	ug/l	99
68) m/p-Xylenes	11.948	106	9681	0.486	ug/l	100
69) o-Xylene	12.280	106	7188	0.363	ug/l	93

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

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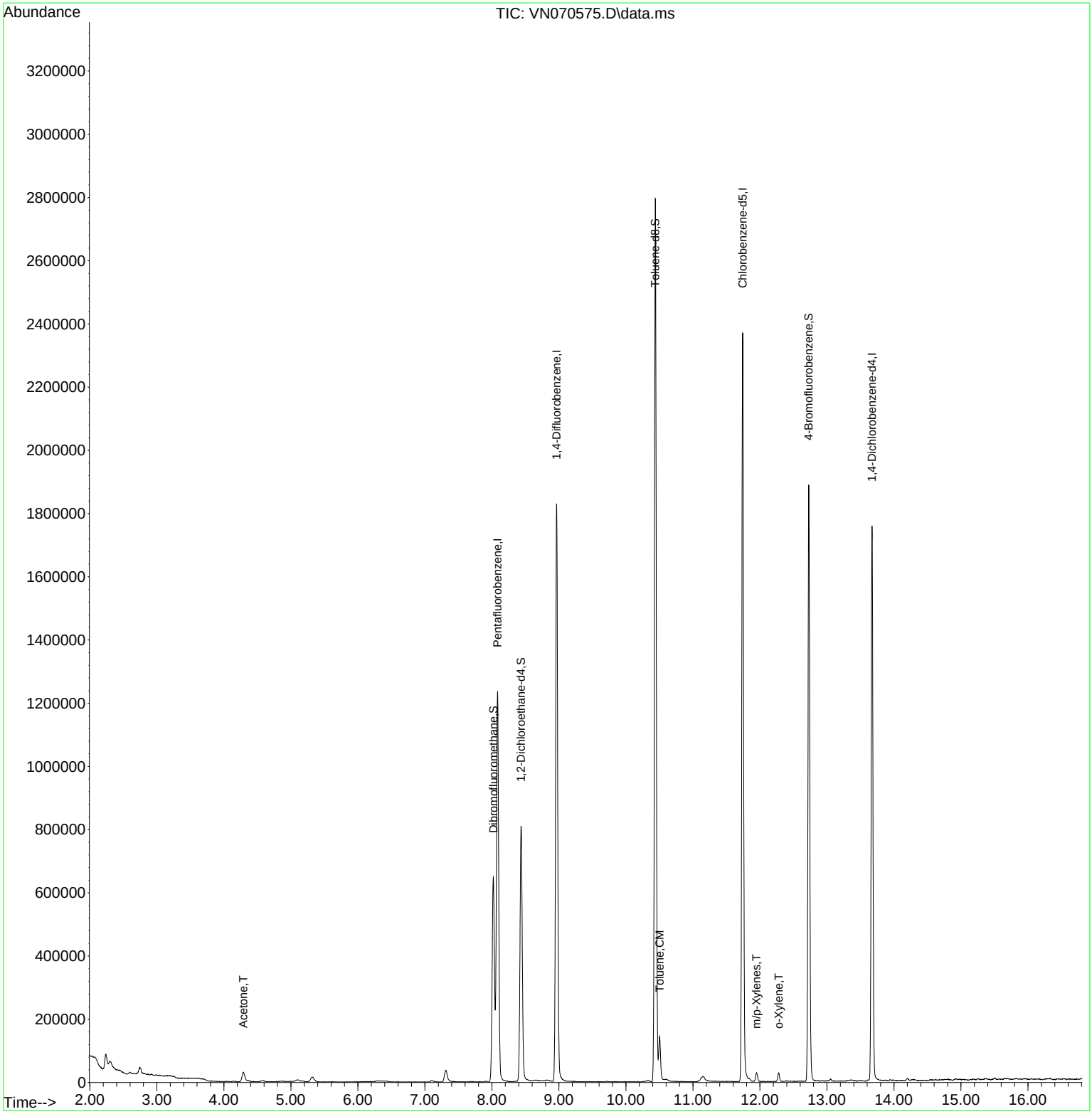
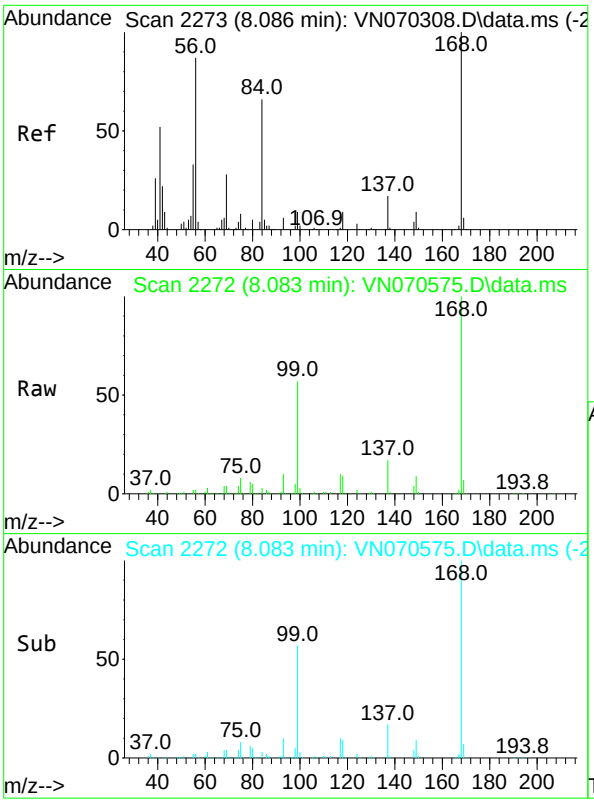


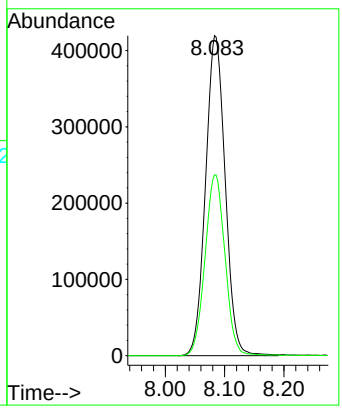


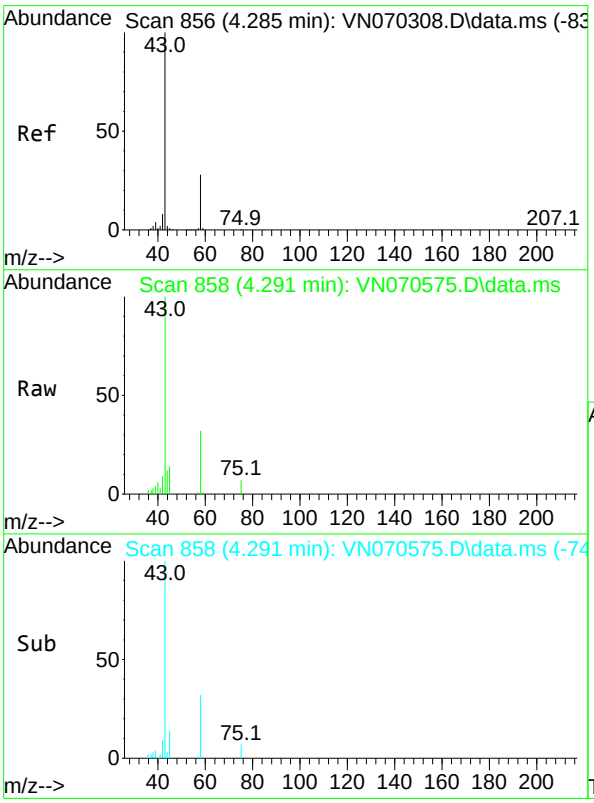
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
31280

Tgt Ion:168 Resp: 963372

Ion	Ratio	Lower	Upper
168	100		
99	56.5	41.3	61.9

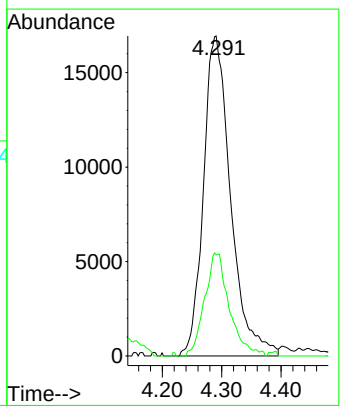


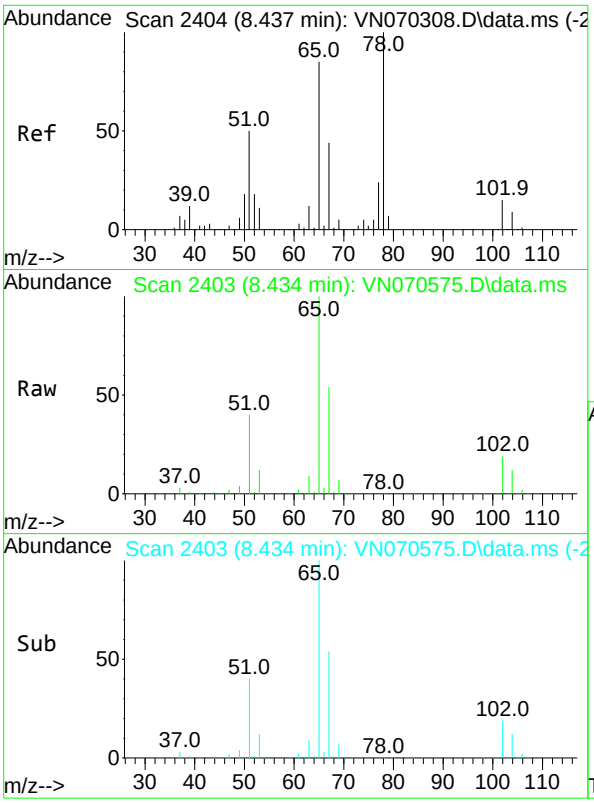


#16
Acetone
Concen: 5.991 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion: 43 Resp: 53867

Ion	Ratio	Lower	Upper
43	100		
58	31.6	23.1	34.7



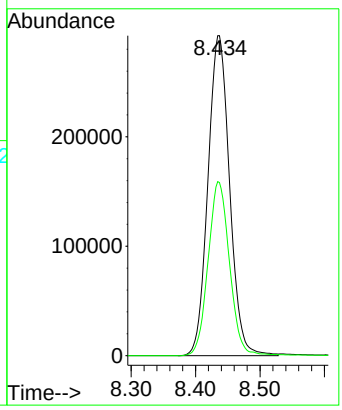


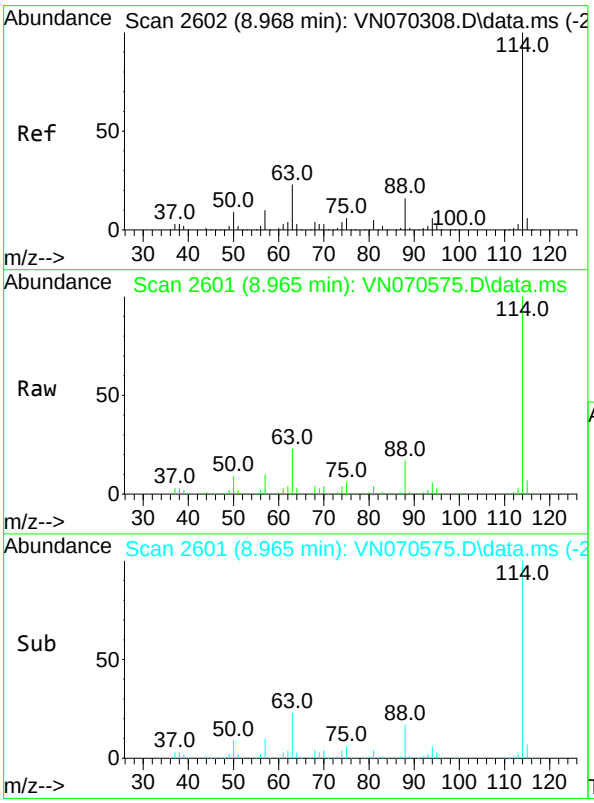
#33
1,2-Dichloroethane-d4
Concen: 49.321 ug/l
RT: 8.434 min Scan# 24
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
31280

Tgt Ion: 65 Resp: 683170

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.0

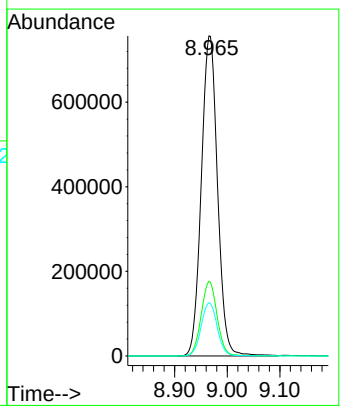


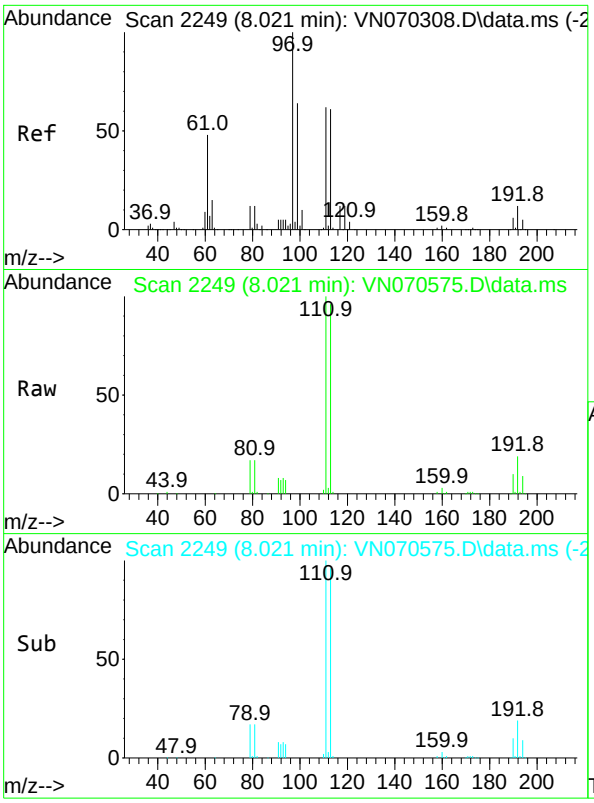


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion:114 Resp: 1617959

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	37.8
88	16.7	0.0	27.4



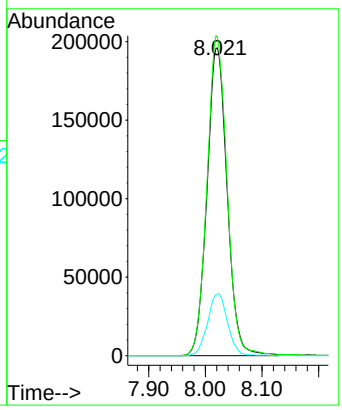


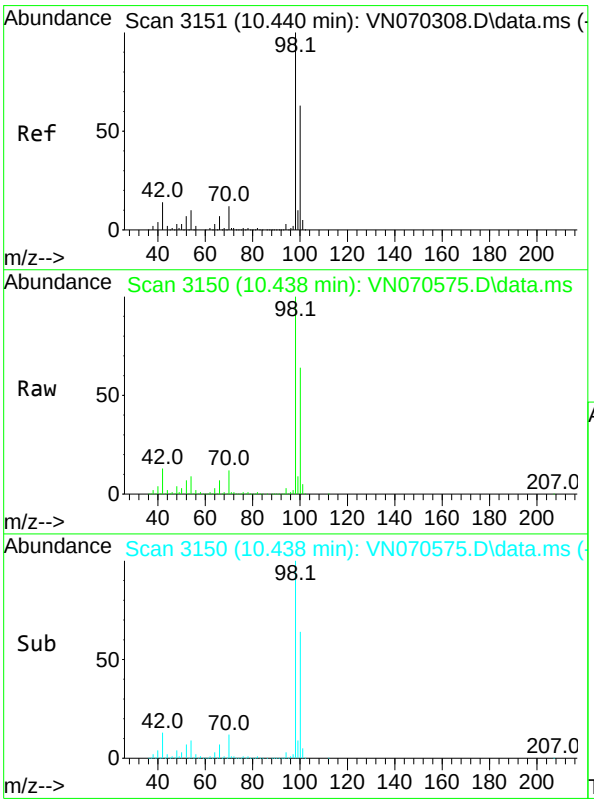
#35
Dibromofluoromethane
Concen: 49.534 ug/l
RT: 8.021 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
31280

Tgt Ion:113 Resp: 484914

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	20.0	16.9	25.3

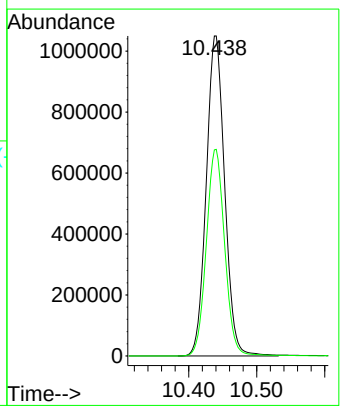


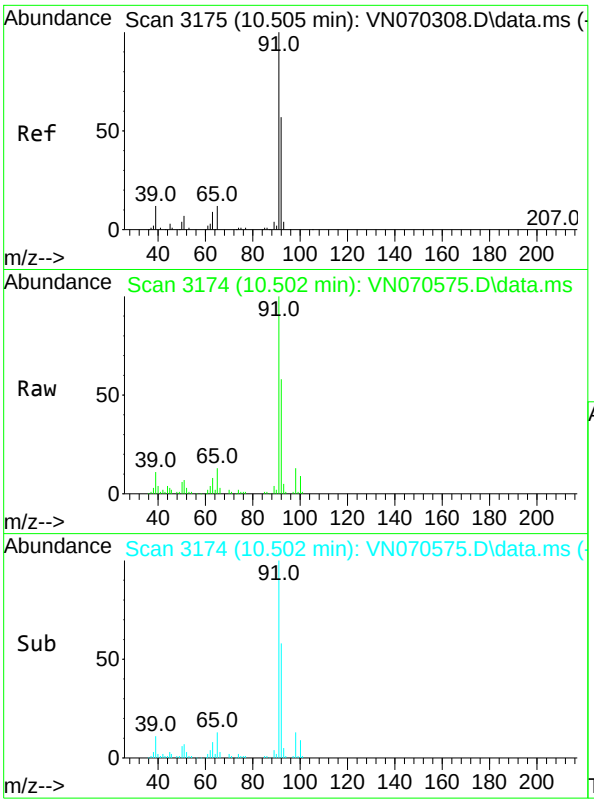


#50
Toluene-d8
Concen: 49.344 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion: 98 Resp: 1973325

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.4	75.6



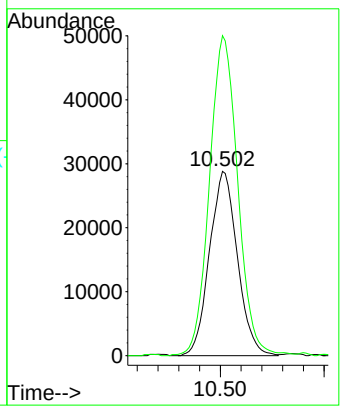


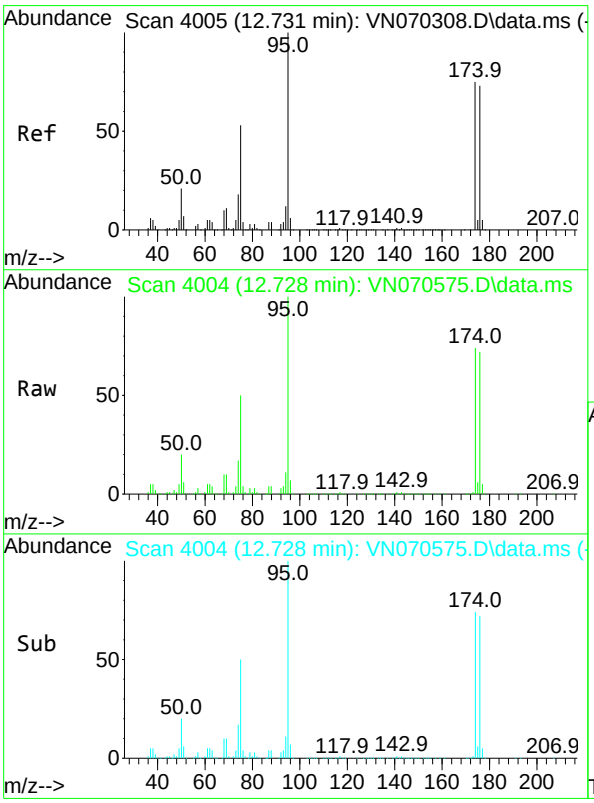
#52
Toluene
Concen: 1.788 ug/l
RT: 10.502 min Scan# 3
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
31280

Tgt Ion: 92 Resp: 53744

Ion	Ratio	Lower	Upper
92	100		
91	176.2	142.0	213.0

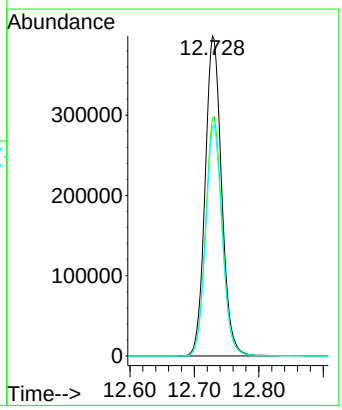


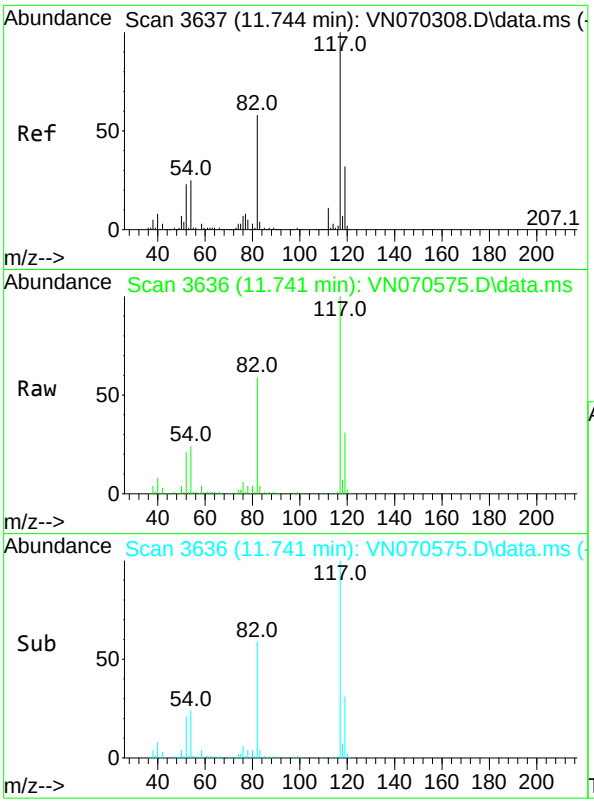


#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion: 95 Resp: 707935

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	187.2
176	72.2	0.0	181.4



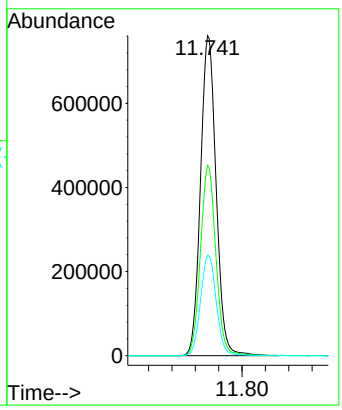


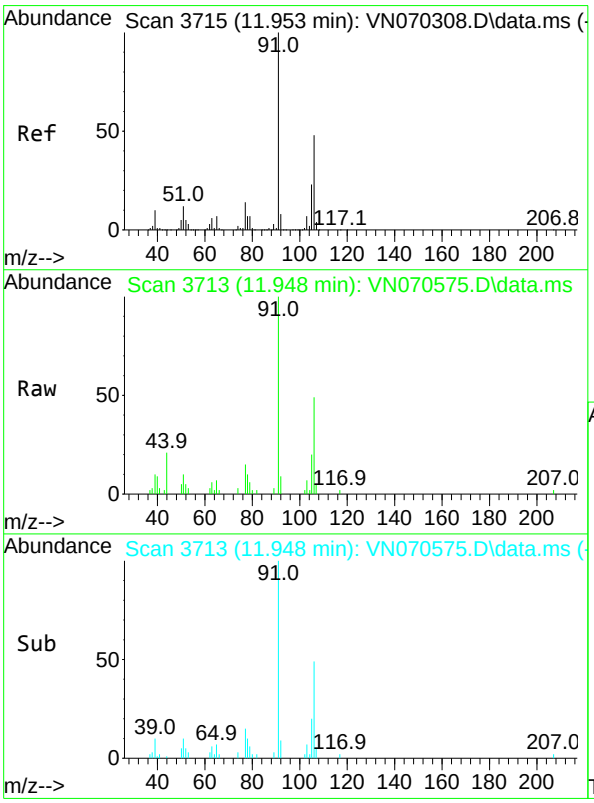
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
31280

Tgt Ion:117 Resp: 1408632

Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.4	63.6
119	31.3	25.4	38.2

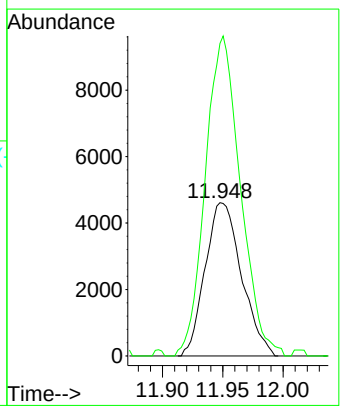


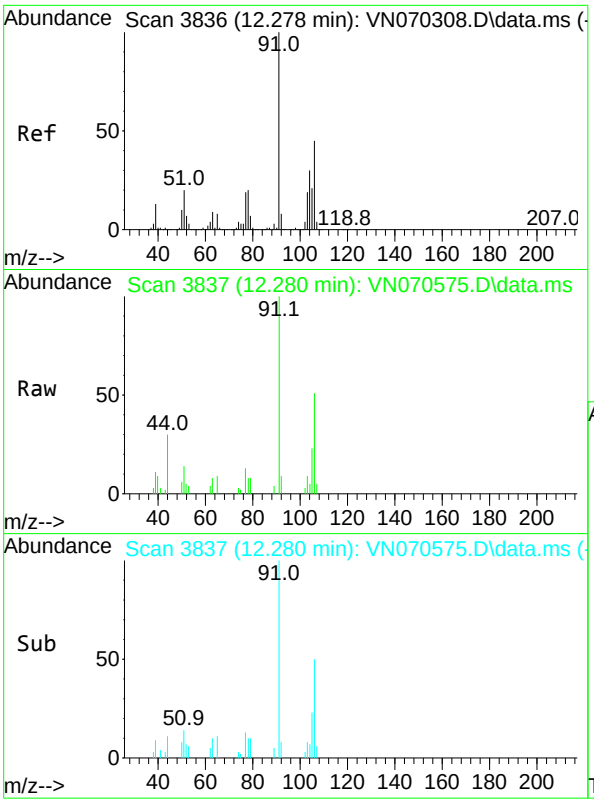


#68
m/p-Xylenes
Concen: 0.486 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion:106 Resp: 9681

Ion	Ratio	Lower	Upper
106	100		
91	201.3	160.6	240.8



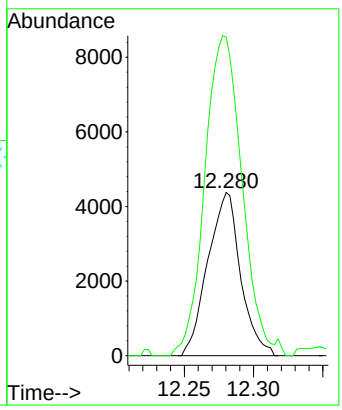


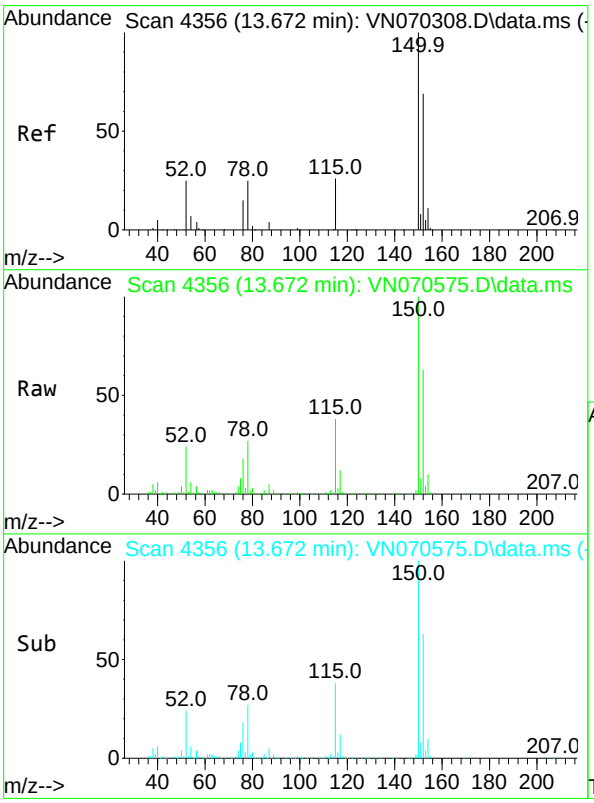
#69
o-Xylene
Concen: 0.363 ug/l
RT: 12.280 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
31280

Tgt Ion:106 Resp: 7188

Ion	Ratio	Lower	Upper
106	100		
91	222.9	105.8	317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion:152 Resp: 498810

Ion	Ratio	Lower	Upper
152	100		
115	60.1	27.5	82.5
150	157.1	0.0	344.4