Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
Data File : VN072561.D
Acq On : 19 May 2022 17:39
Operator : JC\MD
Sample : N2965-03 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30984

Quant Time: May 20 06:55:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	284238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	418745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	361087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	137661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	238025	53.897	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.800%			
35) Dibromofluoromethane	8.016	113	157418	55.715	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.420%			
50) Toluene-d8	10.439	98	564551	52.787	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.727	95	179557	44.199	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.400%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.951	106	1792	0.363	ug/l	80
69) o-Xylene	12.280	106	1923	0.383	ug/l	90
80) 1,3,5-Trimethylbenzene	13.057	105	3076	0.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	7564	0.799	ug/l	94

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

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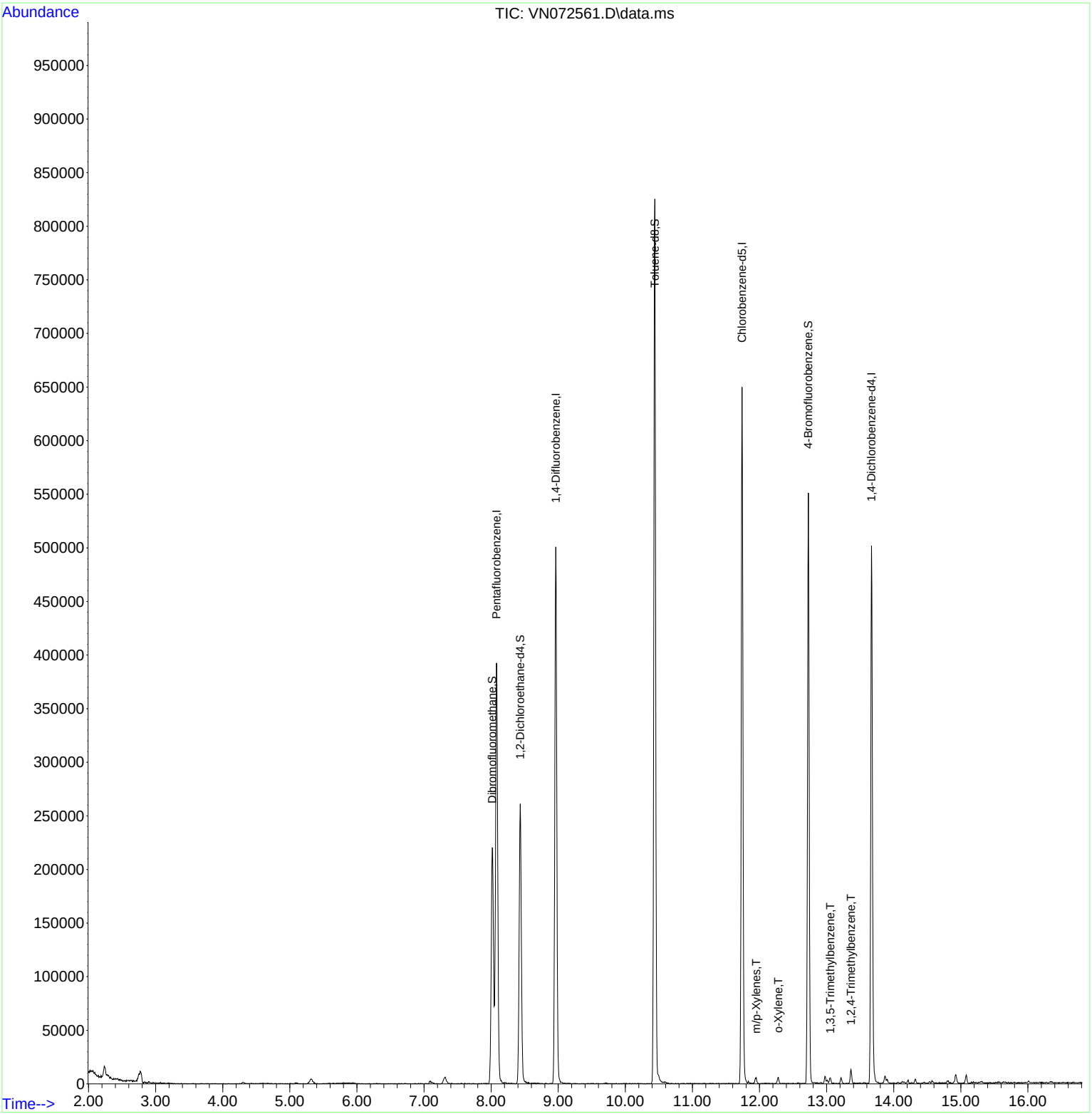
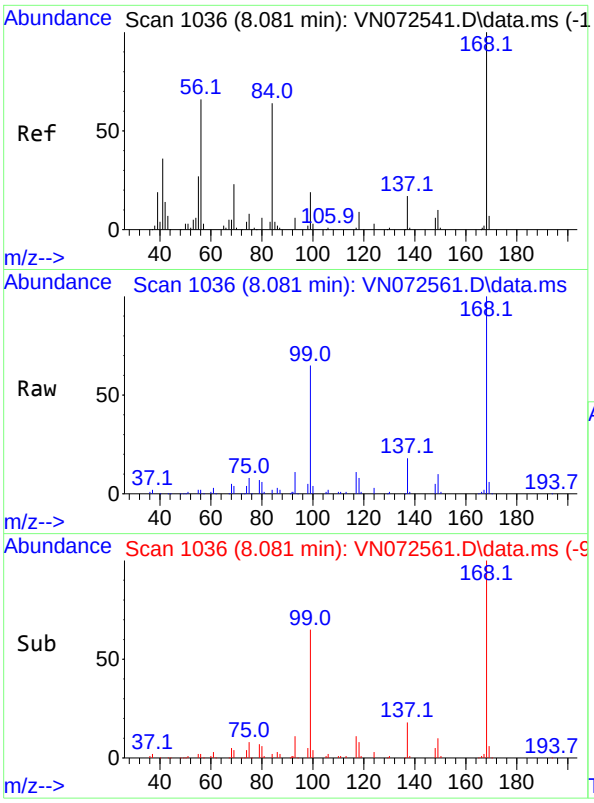


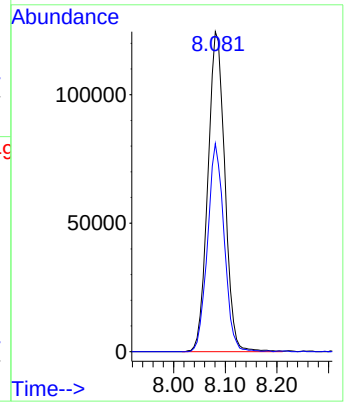


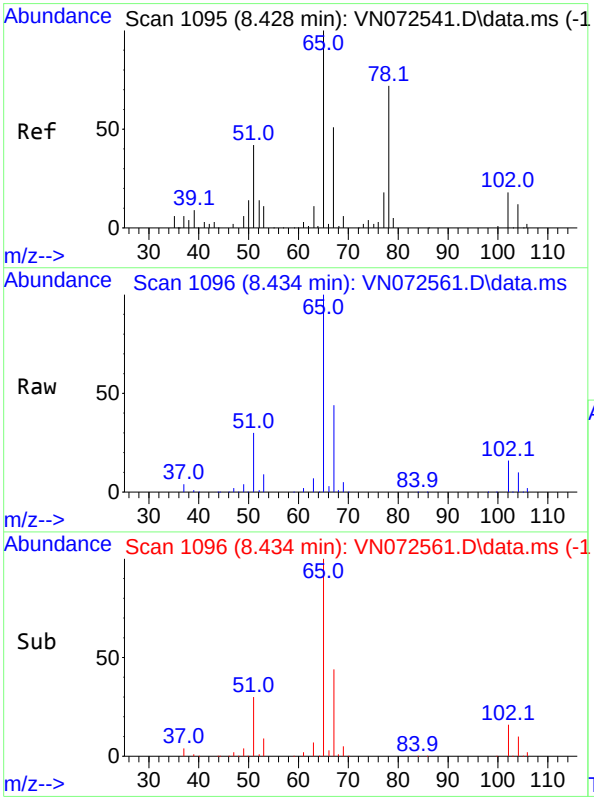
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion:168 Resp: 284238

Ion	Ratio	Lower	Upper
168	100		
99	65.0	42.3	63.5#

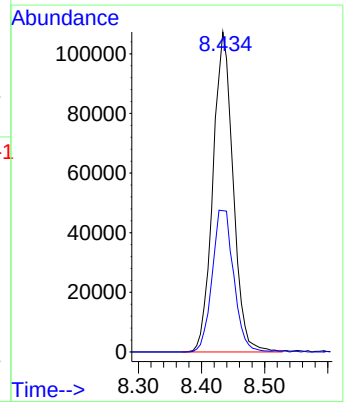


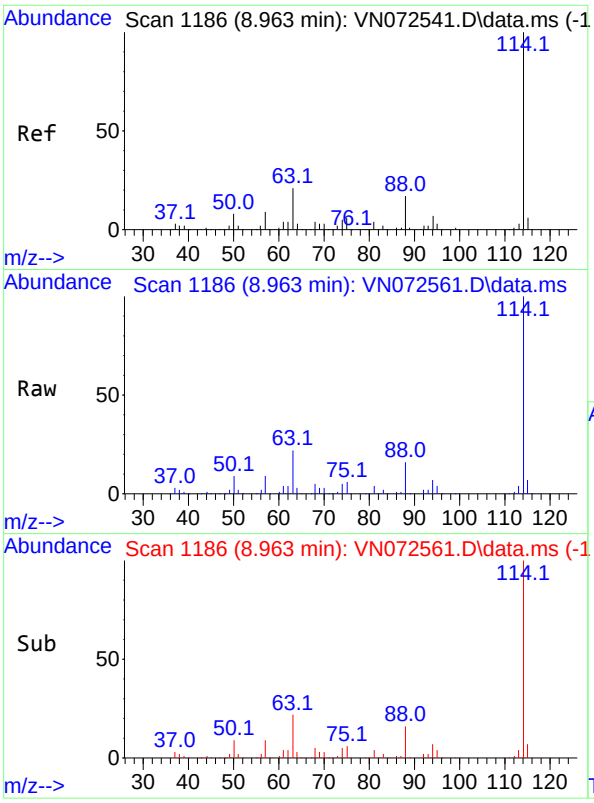


#33
1,2-Dichloroethane-d4
Concen: 53.897 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 65 Resp: 238025

Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	104.8



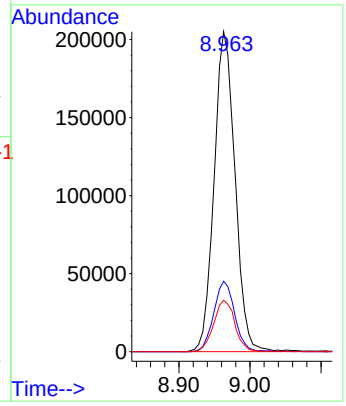


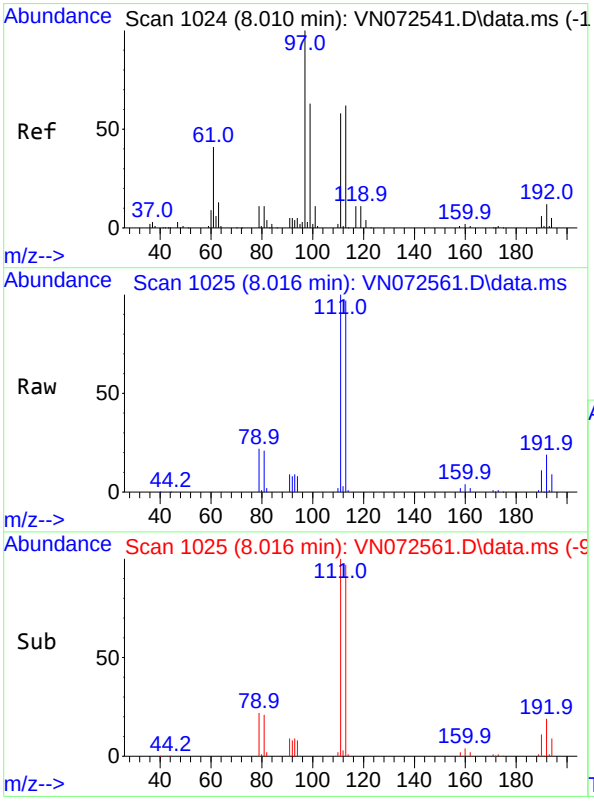
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion:114 Resp: 418745

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	40.0
88	16.1	0.0	32.6

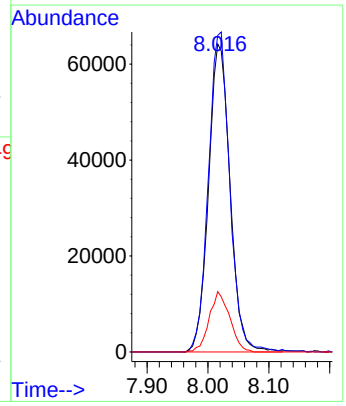


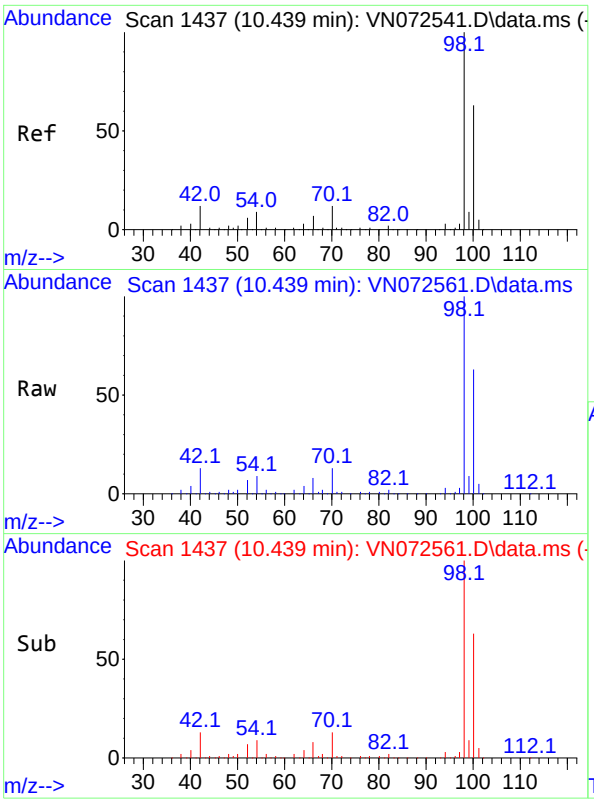


#35
Dibromofluoromethane
Concen: 55.715 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion:113 Resp: 157418

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.0
192	18.7	17.0	25.6



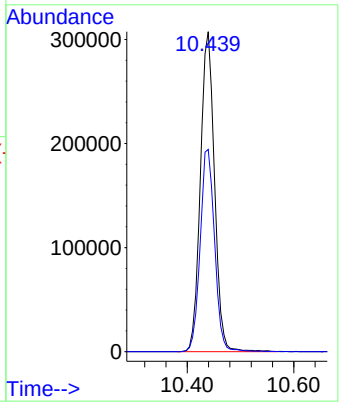


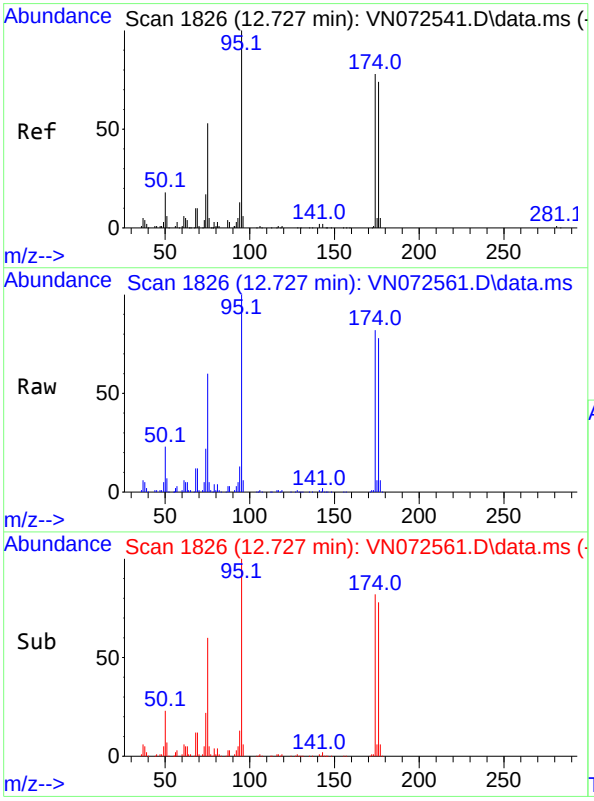
#50
Toluene-d8
Concen: 52.787 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion: 98 Resp: 564551

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8

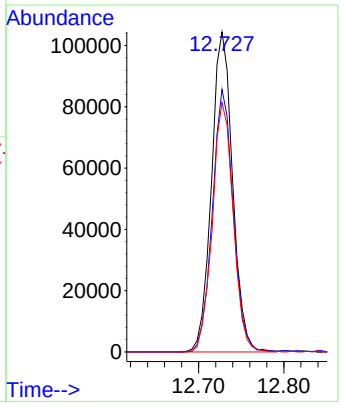


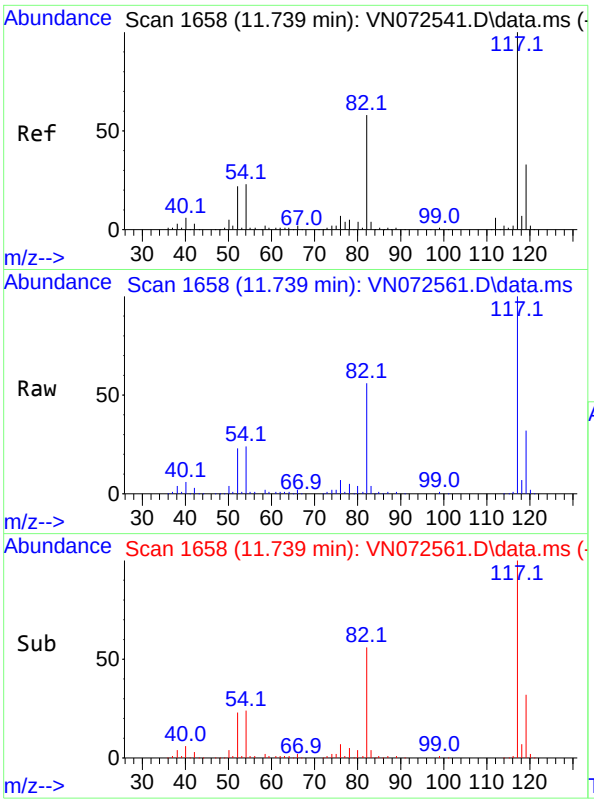


#62
4-Bromofluorobenzene
Concen: 44.199 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 95 Resp: 179557

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	167.6
176	77.1	0.0	163.4



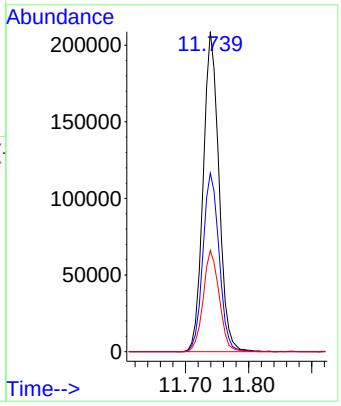


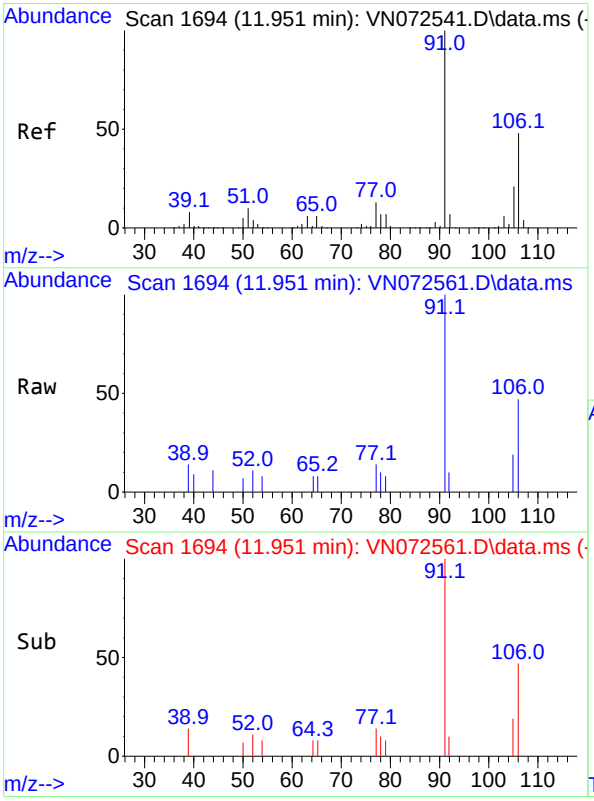
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion:117 Resp: 361087

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	31.6	25.4	38.0

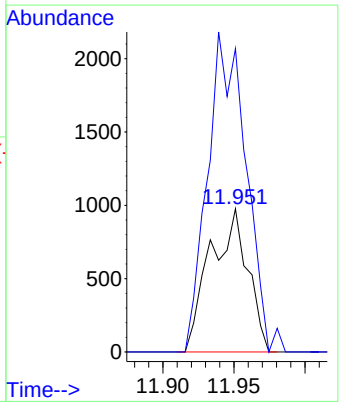


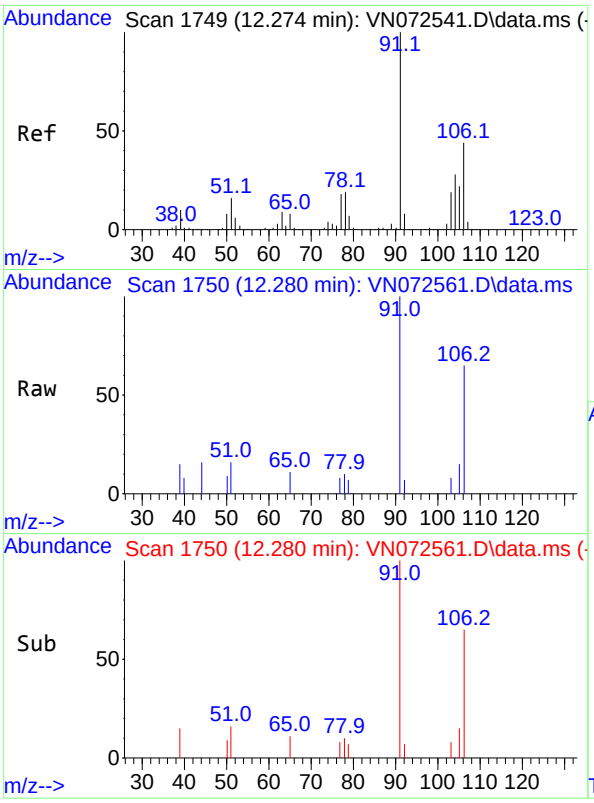


#68
m/p-Xylenes
Concen: 0.363 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion:106 Resp: 1792

Ion	Ratio	Lower	Upper
106	100		
91	228.8	158.9	238.3



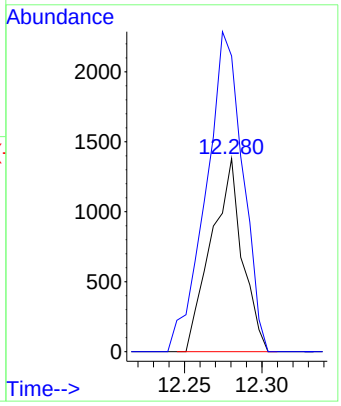


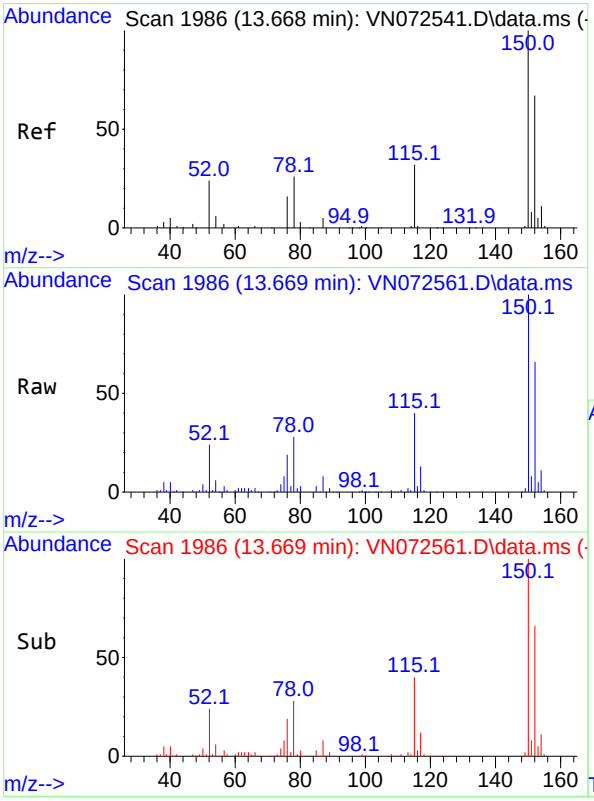
#69
o-Xylene
Concen: 0.383 ug/l
RT: 12.280 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion:106 Resp: 1923

Ion	Ratio	Lower	Upper
106	100		
91	196.3	106.0	318.0

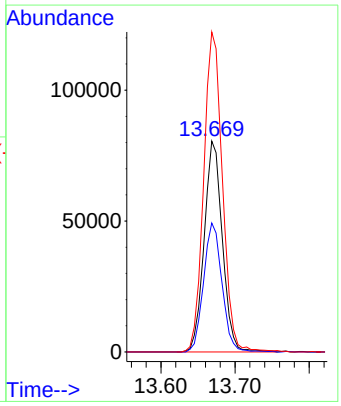


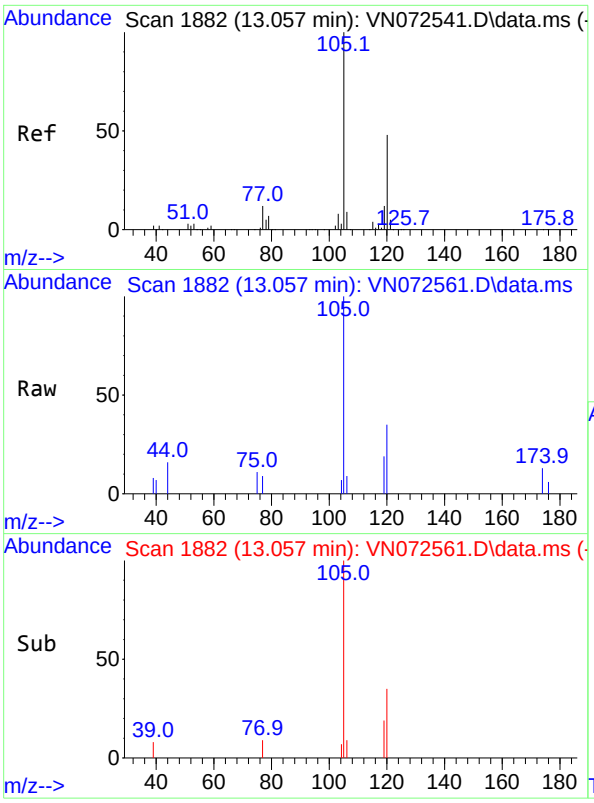


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion:152 Resp: 137661

Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.9	86.7
150	156.0	0.0	356.2



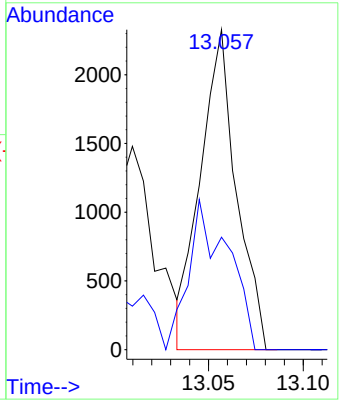


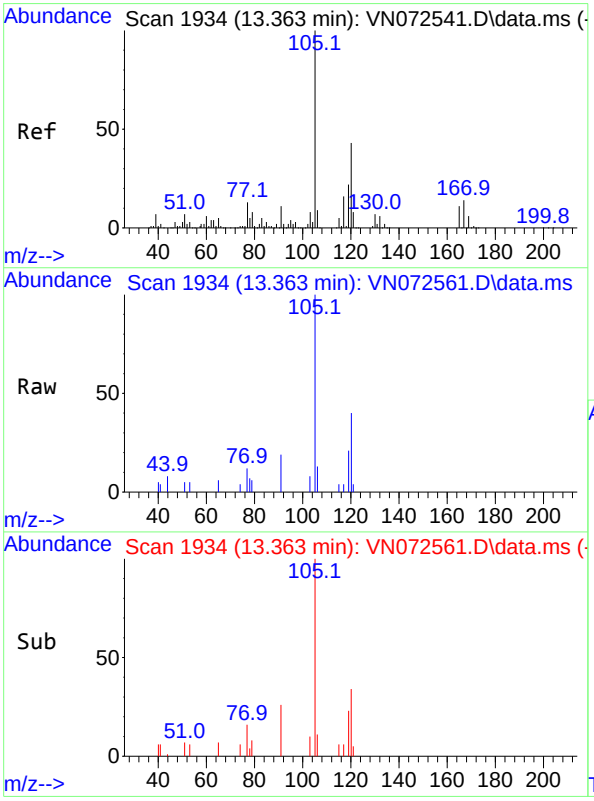
#80
1,3,5-Trimethylbenzene
Concen: 0.312 ug/l
RT: 13.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion:105 Resp: 3076

Ion	Ratio	Lower	Upper
105	100		
120	51.4	24.9	74.7





#84
1,2,4-Trimethylbenzene
Concen: 0.799 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion:105 Resp: 7564

Ion	Ratio	Lower	Upper
105	100		
120	42.5	23.3	69.8