Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
Data File : VN070584.D
Acq On : 12 Jan 2022 14:19
Operator : JC/MD
Sample : N1021-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MID0122

Quant Time: Jan 13 04:26:26 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	8.086	168	927542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1570483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1364535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	459719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	703594	52.758	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.520%			
35) Dibromofluoromethane	8.021	113	501068	52.732	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.460%			
50) Toluene-d8	10.440	98	2008518	51.743	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.728	95	710558	50.682	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.360%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.377	59	67340	30.326	ug/l	97
16) Acetone	4.299	43	11704	1.352	ug/l	93
95) Naphthalene	15.507	128	23756	2.890	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	4107	1.383	ug/l	96

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

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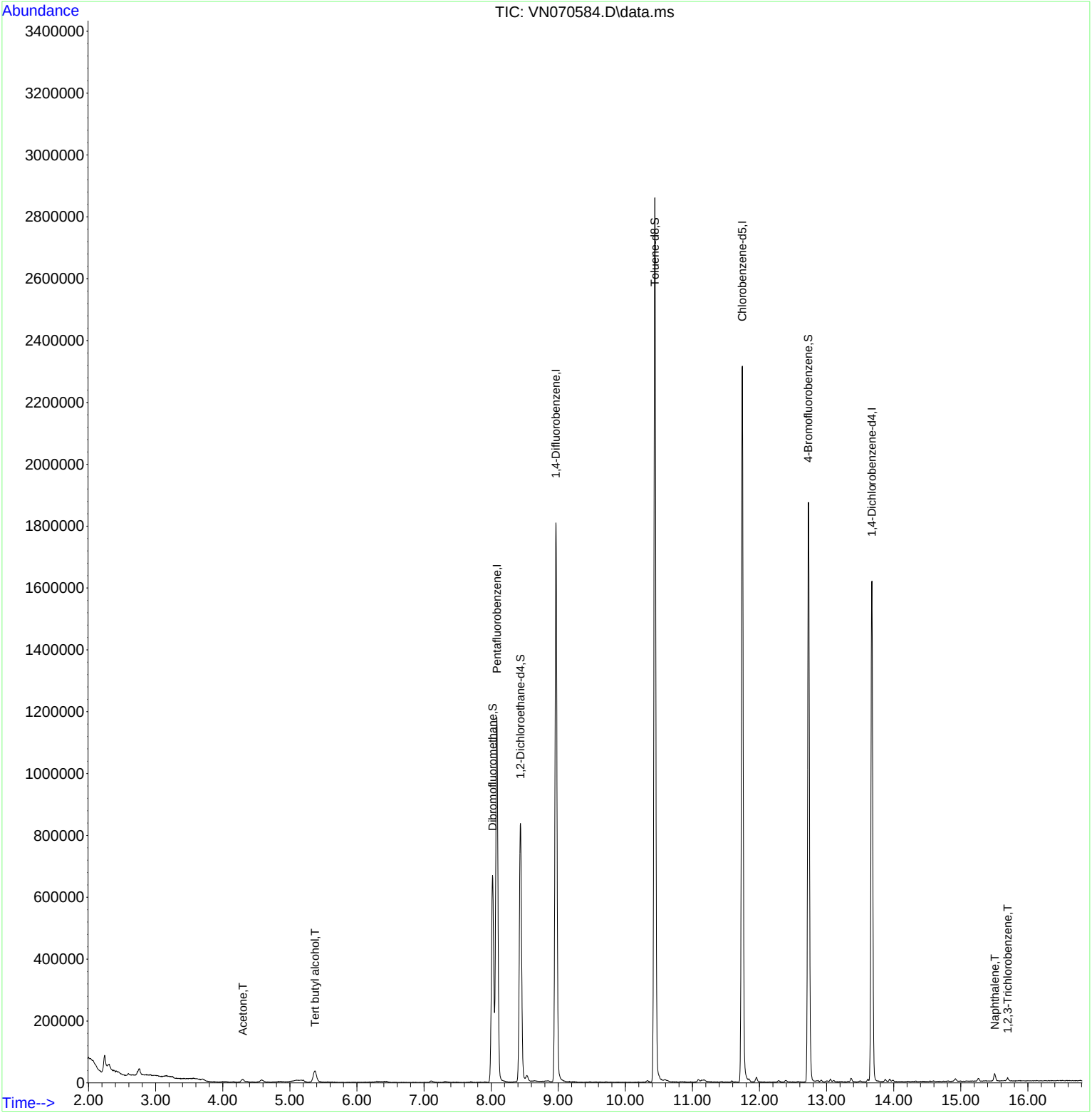
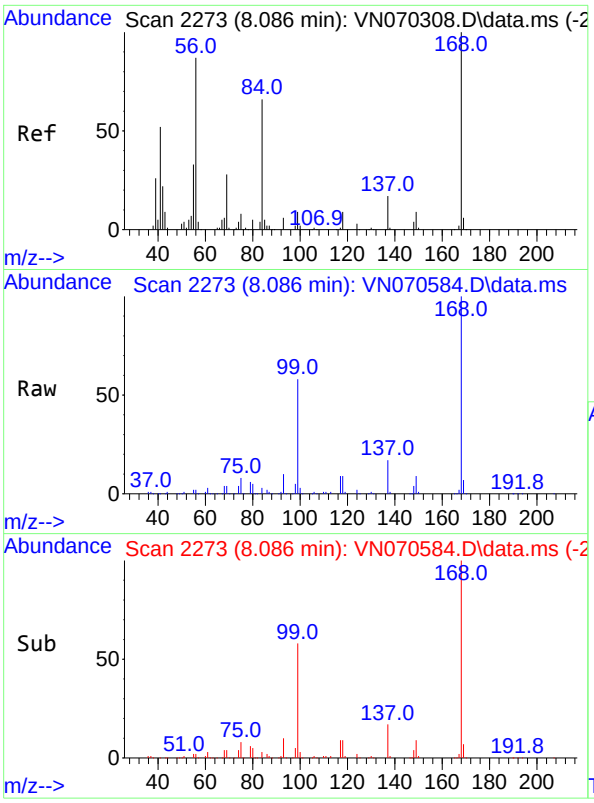


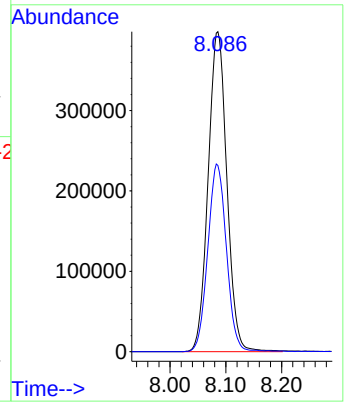


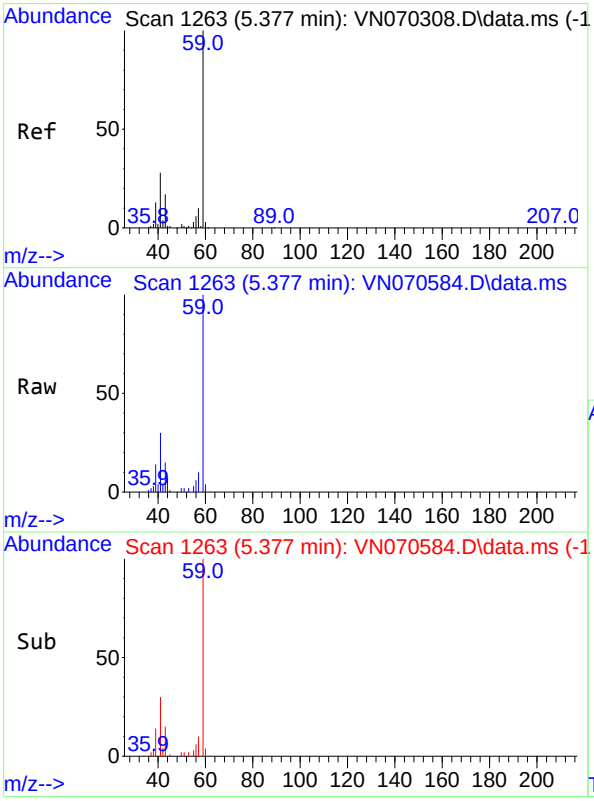
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :
MID0122

Tgt Ion:168 Resp: 927542

Ion	Ratio	Lower	Upper
168	100		
99	58.2	41.3	61.9

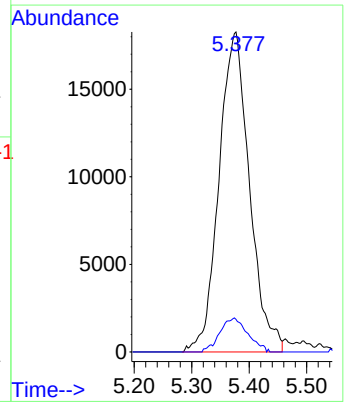


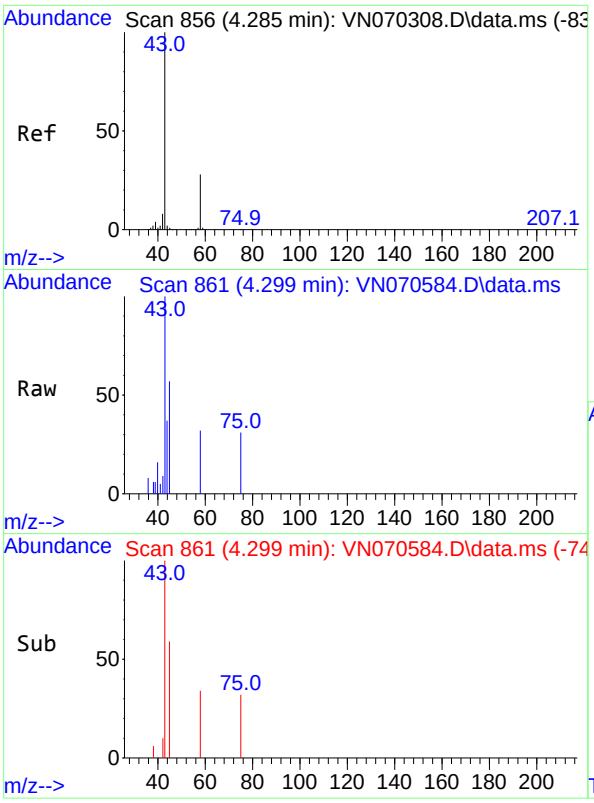


#11
Tert butyl alcohol
Concen: 30.326 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Tgt Ion: 59 Resp: 67340

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.7	13.1



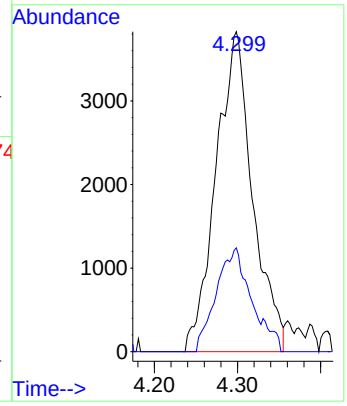


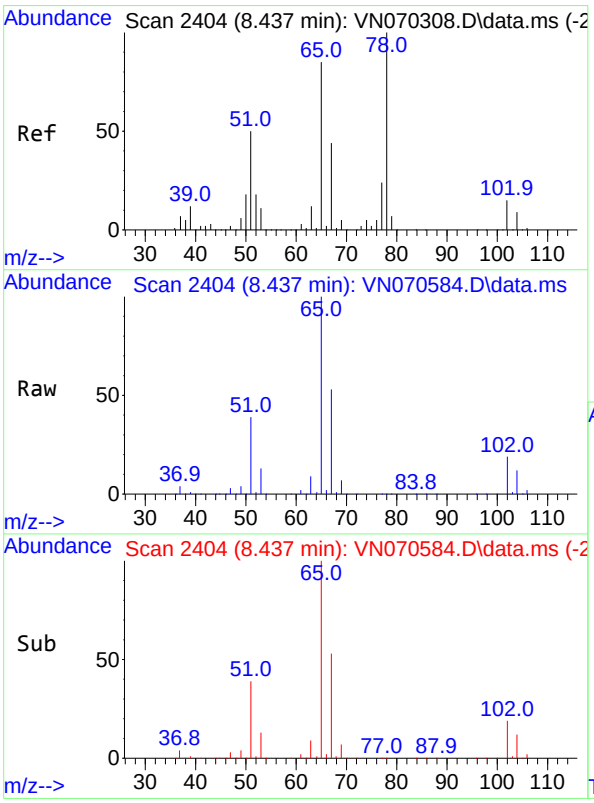
#16
Acetone
Concen: 1.352 ug/l
RT: 4.299 min Scan# 8
Delta R.T. 0.014 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :
MID0122

Tgt Ion: 43 Resp: 11704

Ion	Ratio	Lower	Upper
43	100		
58	32.4	23.1	34.7

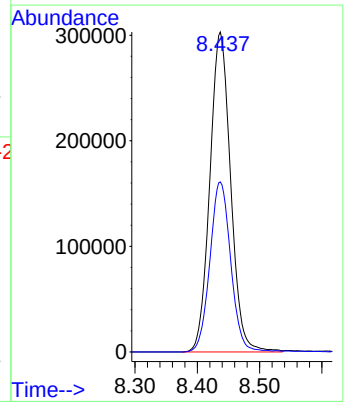


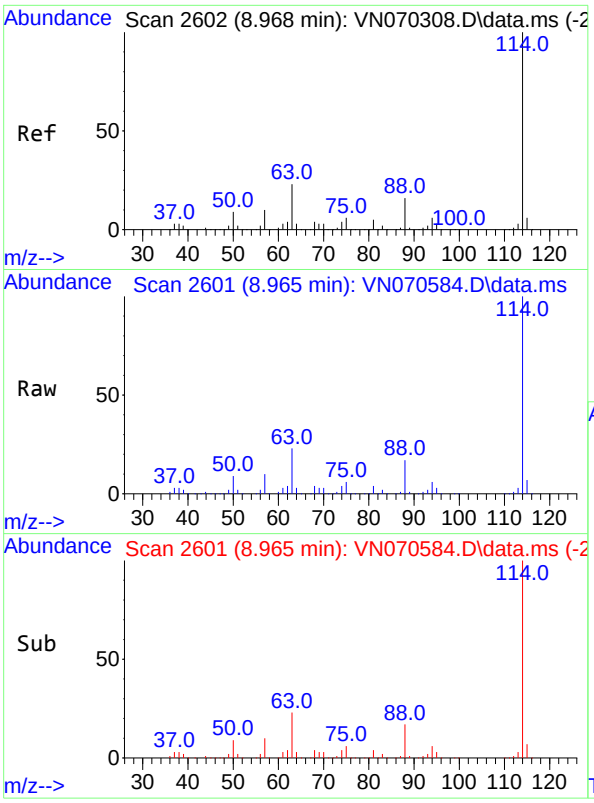


#33
1,2-Dichloroethane-d4
Concen: 52.758 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Tgt Ion: 65 Resp: 703594

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.0



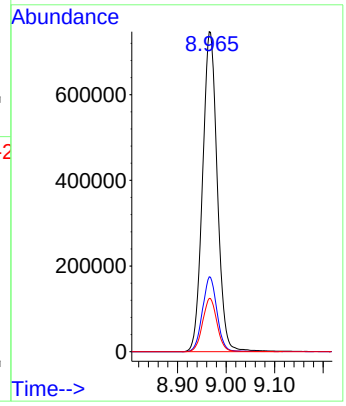


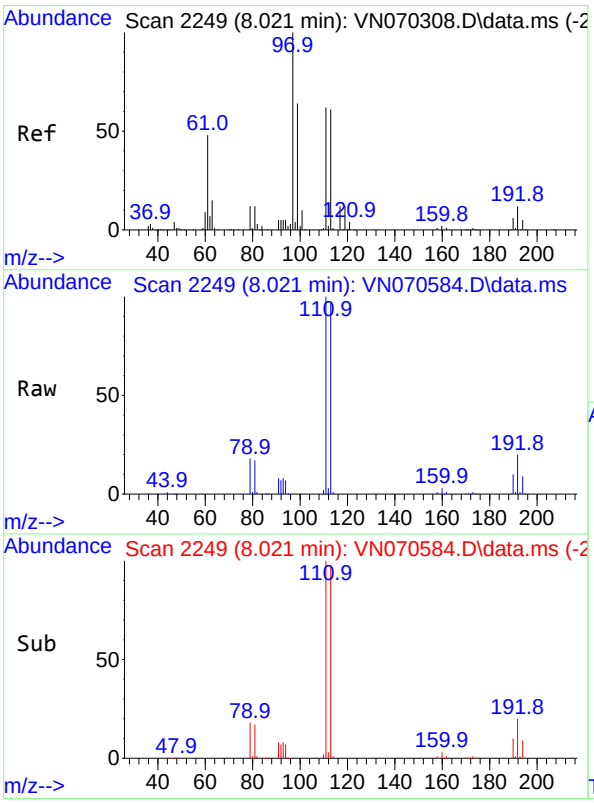
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :
MID0122

Tgt Ion:114 Resp: 1570483

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	37.8
88	16.7	0.0	27.4

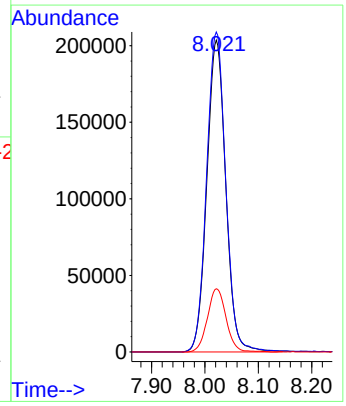


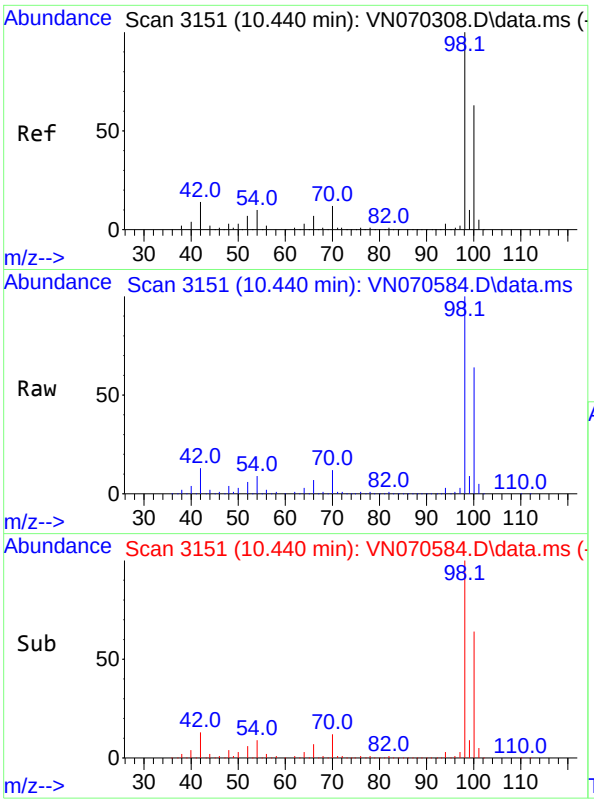


#35
Dibromofluoromethane
Concen: 52.732 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Tgt Ion:113 Resp: 501068

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.2
192	20.1	16.9	25.3



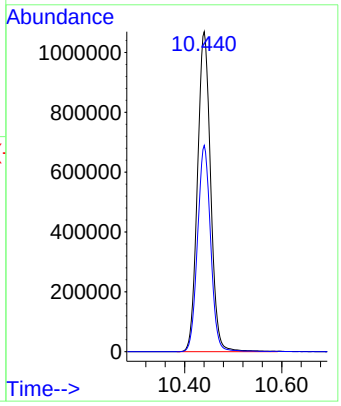


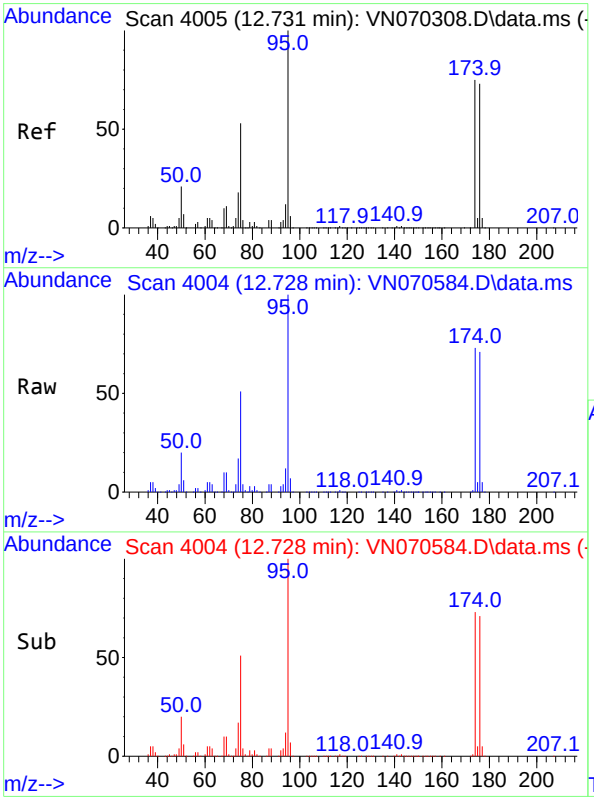
#50
Toluene-d8
Concen: 51.743 ug/l
RT: 10.440 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :
MID0122

Tgt Ion: 98 Resp: 2008518

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.4	75.6

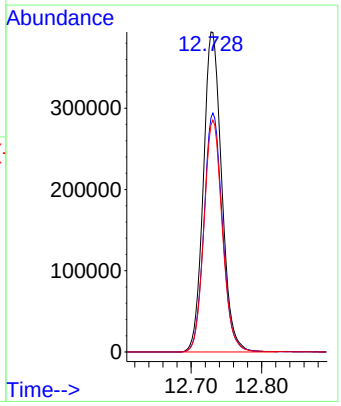


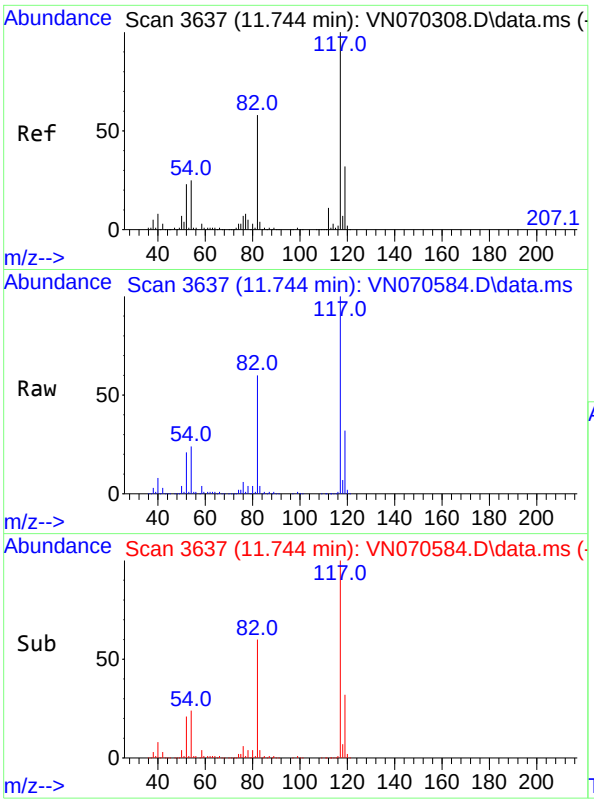


#62
4-Bromofluorobenzene
Concen: 50.682 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Tgt Ion: 95 Resp: 710558

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	187.2
176	72.5	0.0	181.4



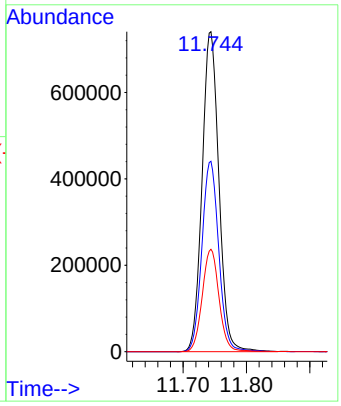


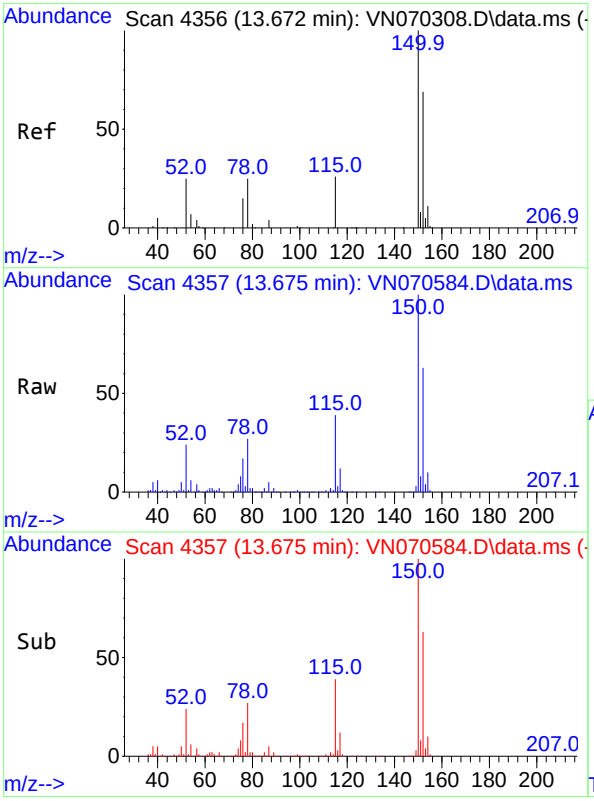
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :
MID0122

Tgt Ion:117 Resp: 1364535

Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.4	63.6
119	32.0	25.4	38.2

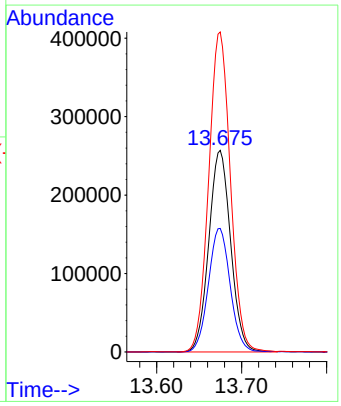


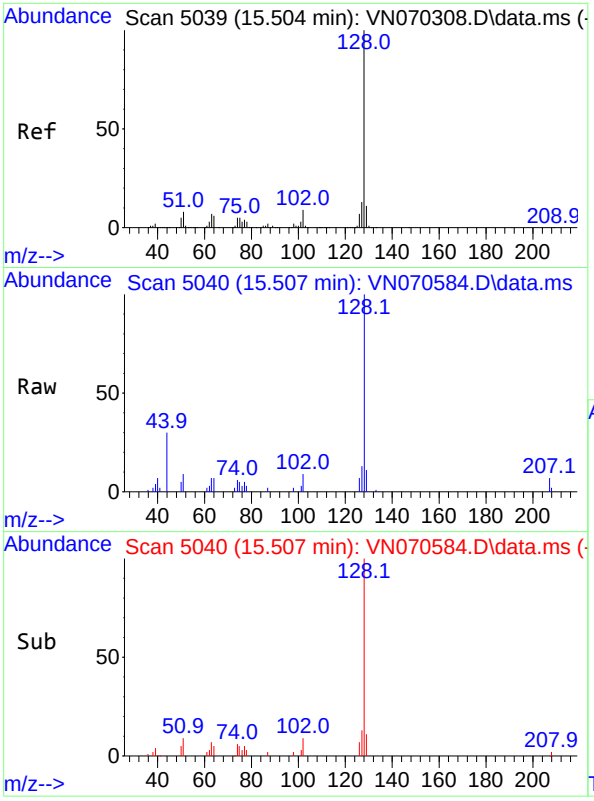


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Tgt Ion:152 Resp: 459719

Ion	Ratio	Lower	Upper
152	100		
115	61.1	27.5	82.5
150	157.0	0.0	344.4



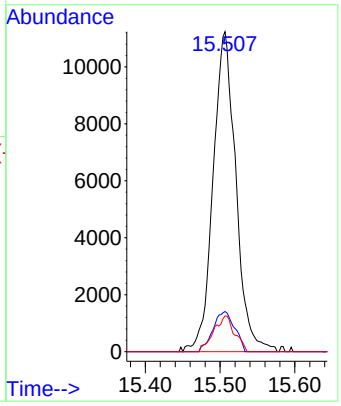


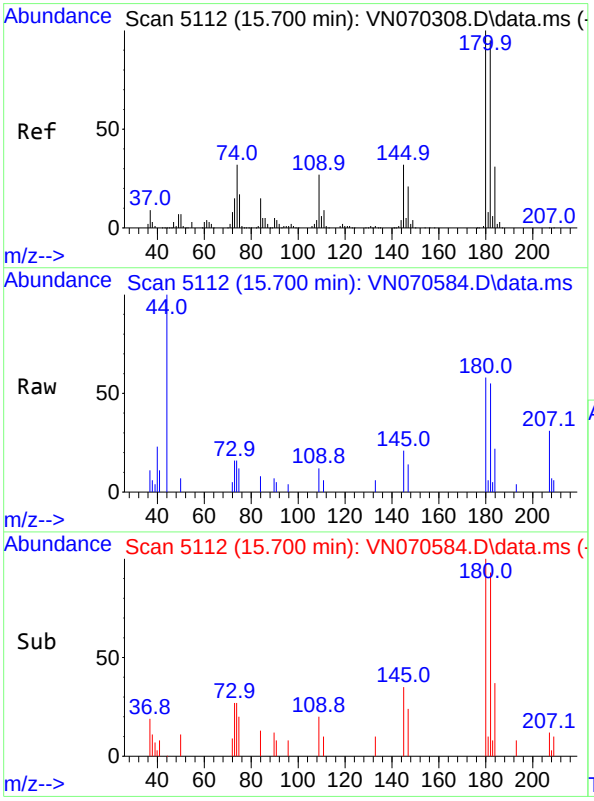
#95
Naphthalene
Concen: 2.890 ug/l
RT: 15.507 min Scan# 5
Delta R.T. 0.003 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Instrument :
MSVOA_N
ClientSampleId :
MID0122

Tgt Ion:128 Resp: 23756

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.5	15.7
129	10.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.383 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070584.D
Acq: 12 Jan 2022 14:19

Tgt Ion:180 Resp: 4107

Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.4	142.2
145	28.7	15.0	45.1