Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
Data File : VN070590.D
Acq On : 12 Jan 2022 16:51
Operator : JC/MD
Sample : N1097-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Quant Time: Jan 13 04:27:26 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	789305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1392796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1225175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	427729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	606386	53.432	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.860%			
35) Dibromofluoromethane	8.021	113	433294	51.417	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.840%			
50) Toluene-d8	10.440	98	1753877	50.947	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.731	95	644668	51.848	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.700%			
Target Compounds						Qvalue
16) Acetone	4.293	43	58056	7.880	ug/l	94
18) Methyl Acetate	4.867	43	32423	1.521	ug/l #	70
20) Methylene Chloride	5.098	84	29055	2.851	ug/l	86
25) 2-Butanone	7.343	43	13178	1.421	ug/l	99
43) Isopropyl Acetate	8.560	43	149349	5.242	ug/l #	83

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

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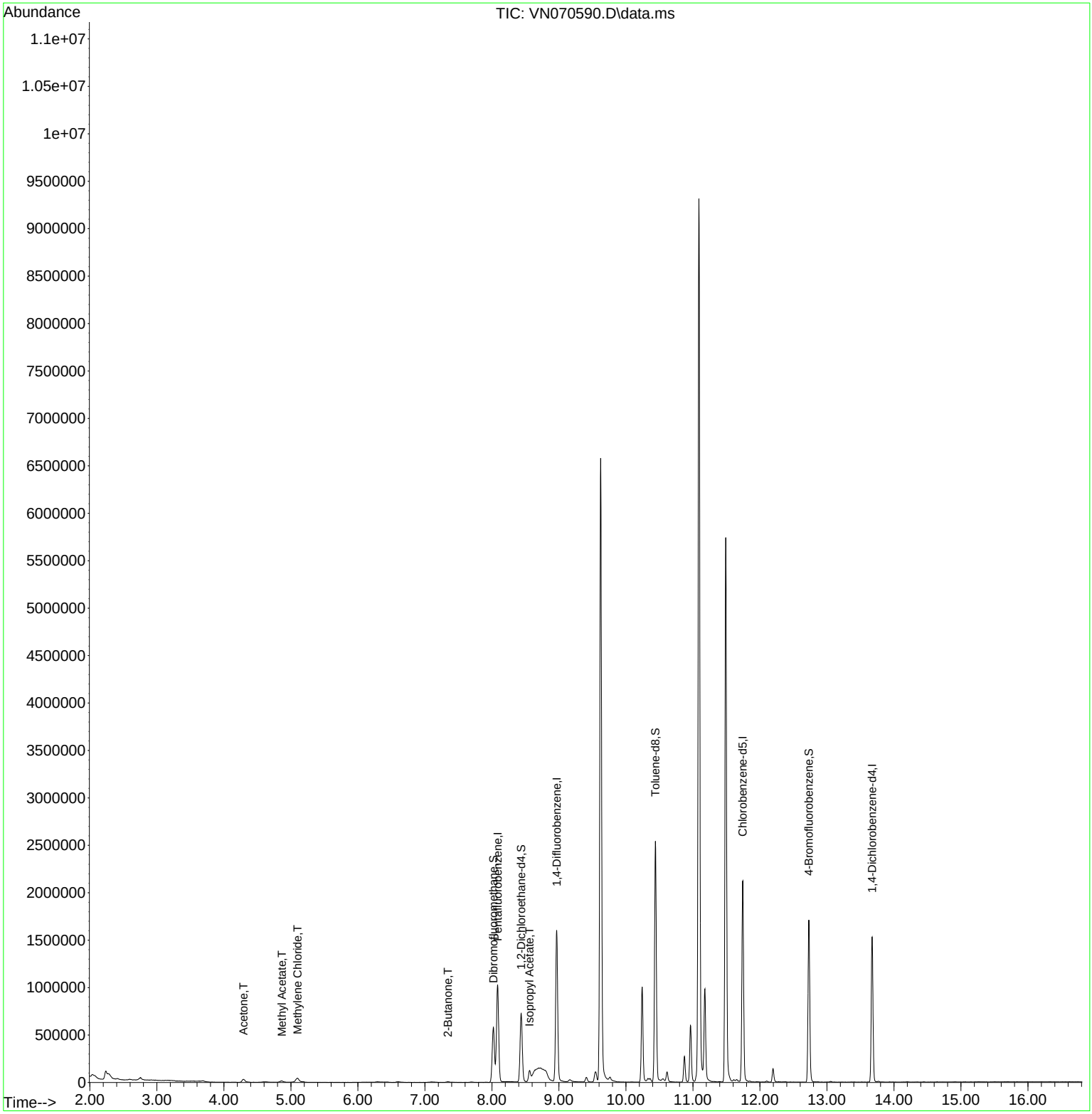
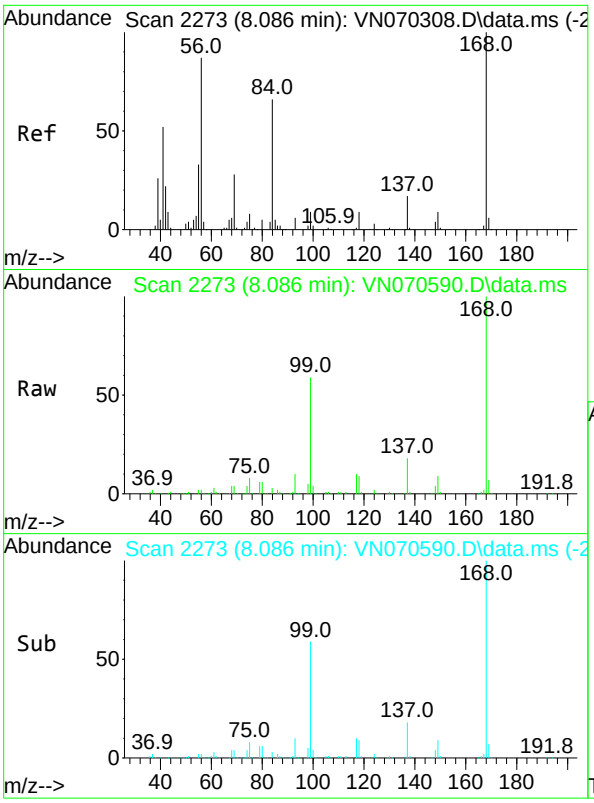


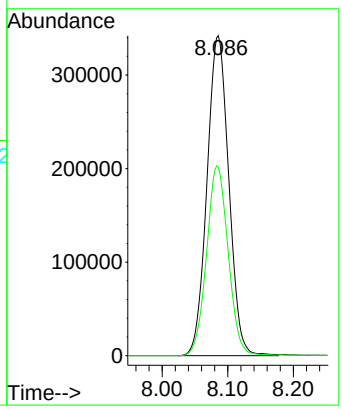


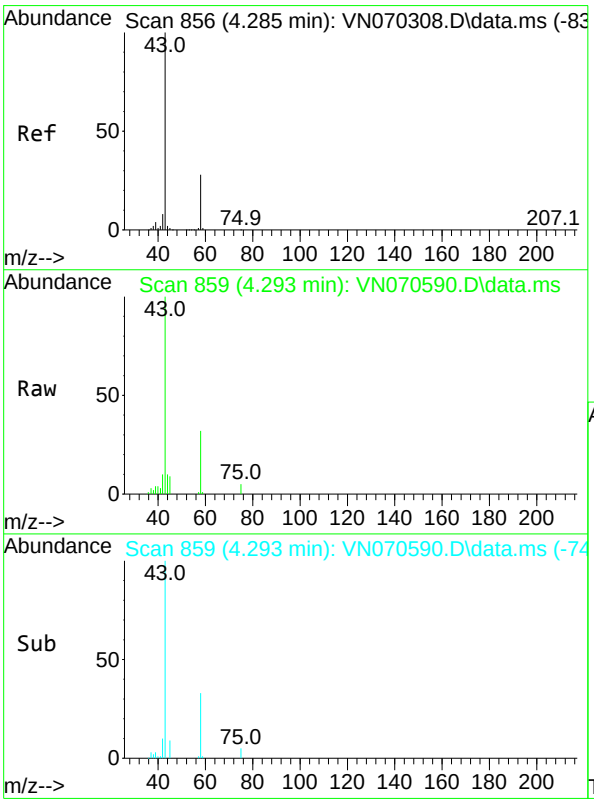
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Tgt Ion:168 Resp: 789305

Ion	Ratio	Lower	Upper
168	100		
99	58.9	41.3	61.9

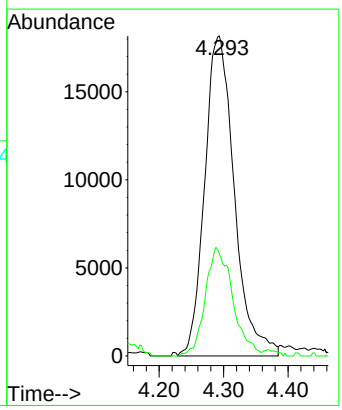


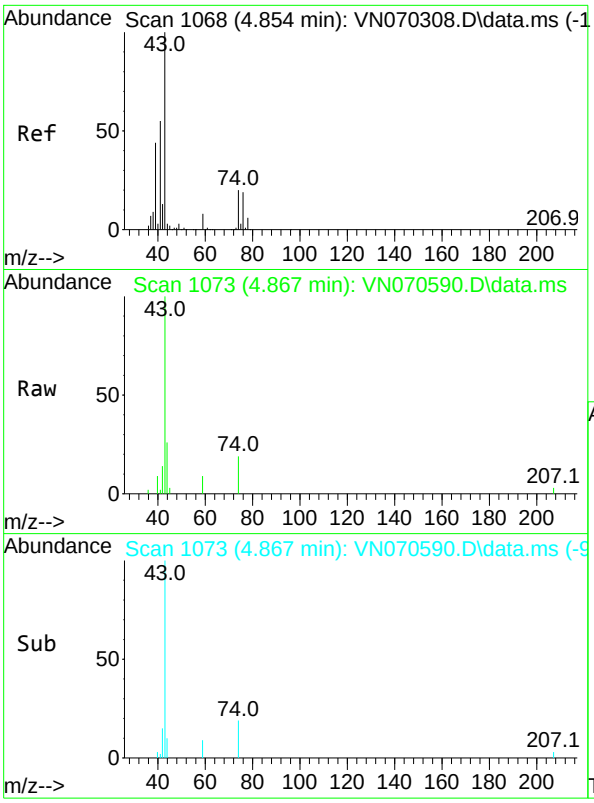


#16
Acetone
Concen: 7.880 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 43 Resp: 58056

Ion	Ratio	Lower	Upper
43	100		
58	32.0	23.1	34.7



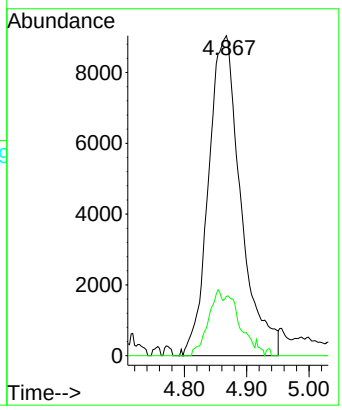


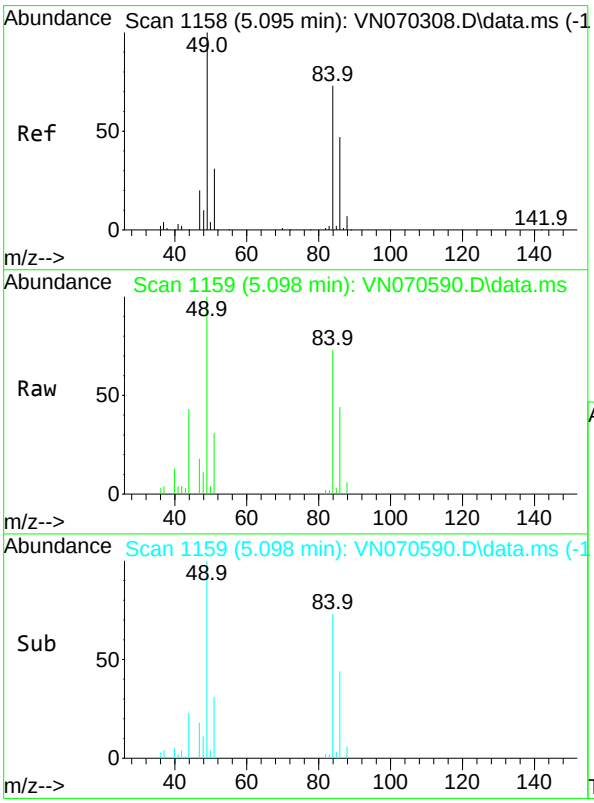
#18
Methyl Acetate
Concen: 1.521 ug/l
RT: 4.867 min Scan# 1
Delta R.T. 0.013 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Tgt Ion: 43 Resp: 32423

Ion	Ratio	Lower	Upper
43	100		
74	9.3	19.4	29.2#

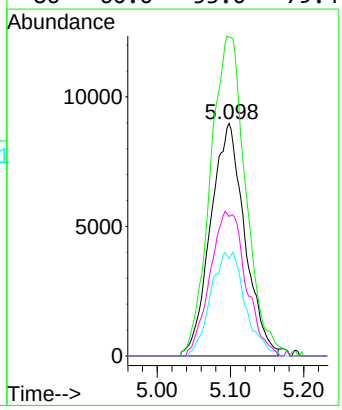


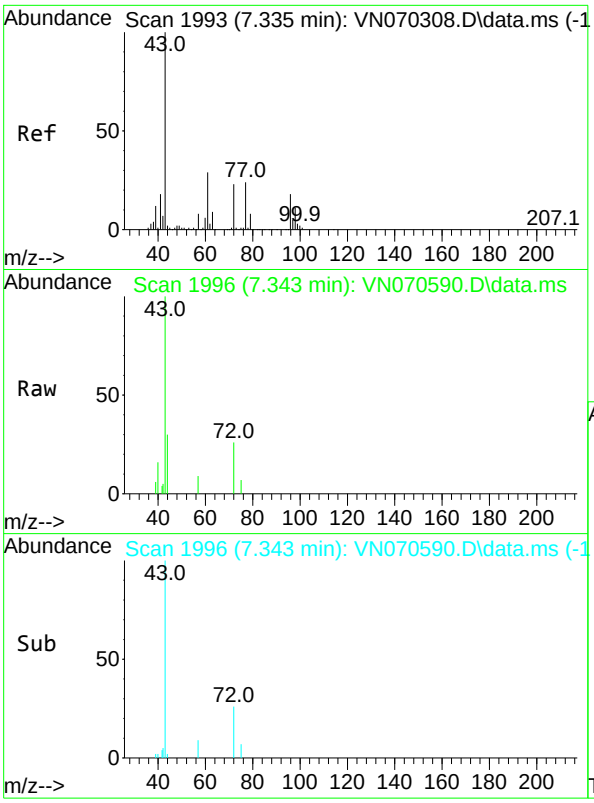


#20
Methylene Chloride
Concen: 2.851 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 84 Resp: 29055

Ion	Ratio	Lower	Upper
84	100		
49	136.9	93.5	140.3
51	41.9	29.4	44.2
86	60.0	53.0	79.4



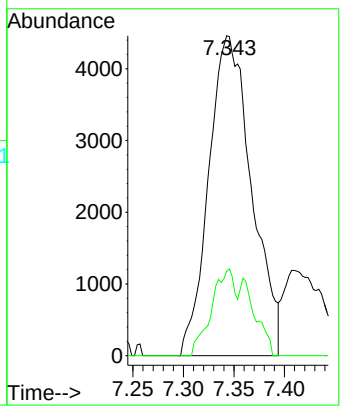


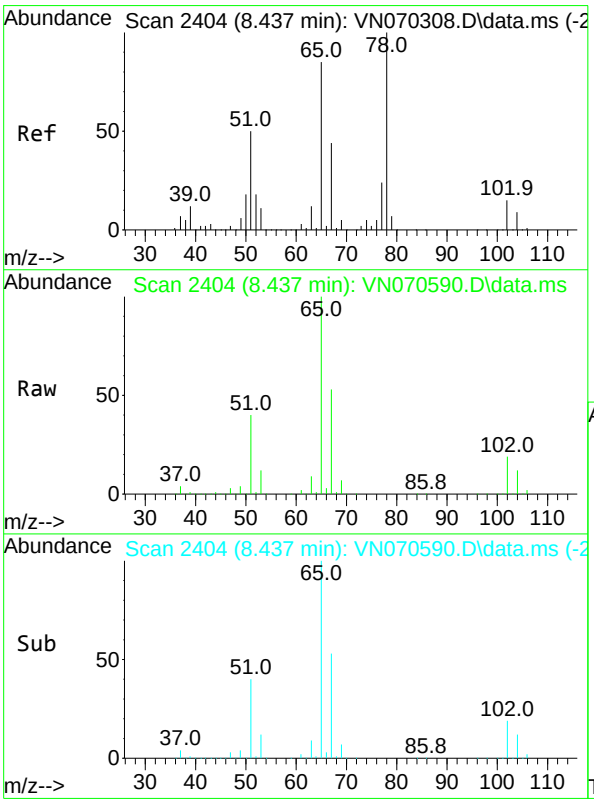
#25
2-Butanone
Concen: 1.421 ug/l
RT: 7.343 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Tgt Ion: 43 Resp: 13178

Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.7	32.5

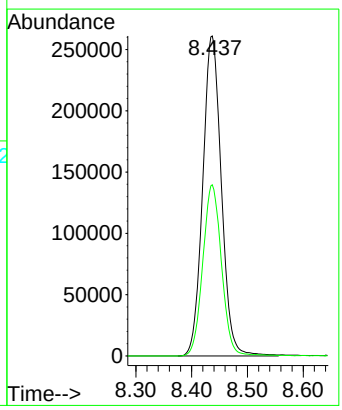


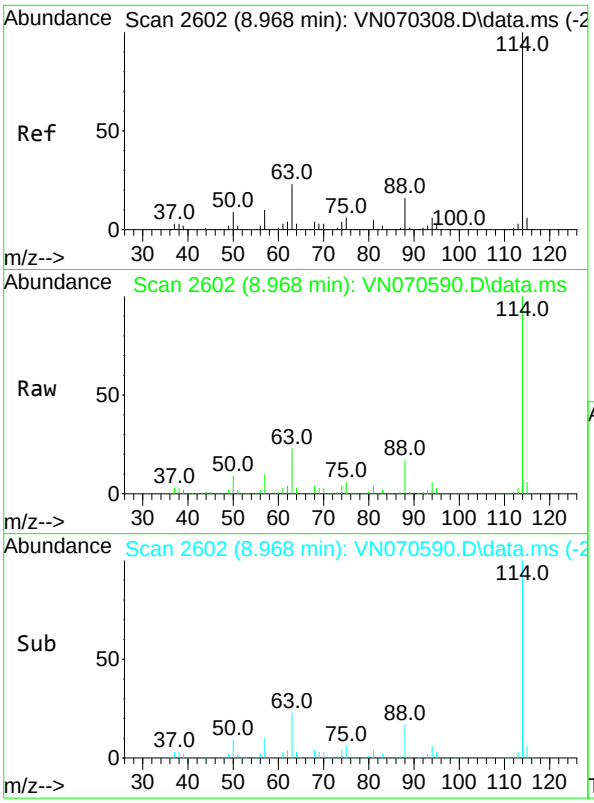


#33
1,2-Dichloroethane-d4
Concen: 53.432 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 65 Resp: 606386

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	103.0



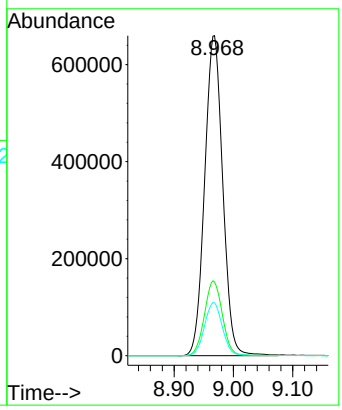


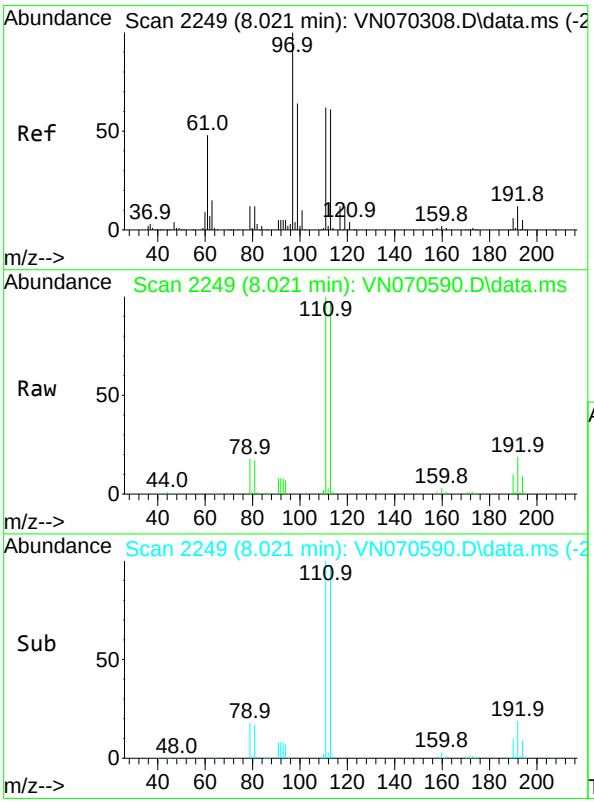
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Tgt Ion:114 Resp: 1392796

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	37.8
88	16.5	0.0	27.4

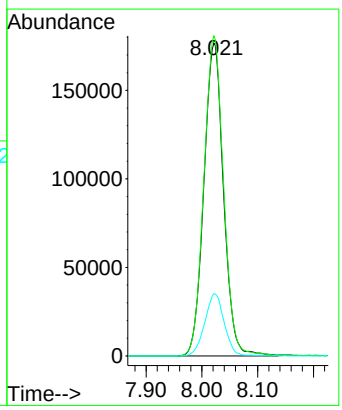


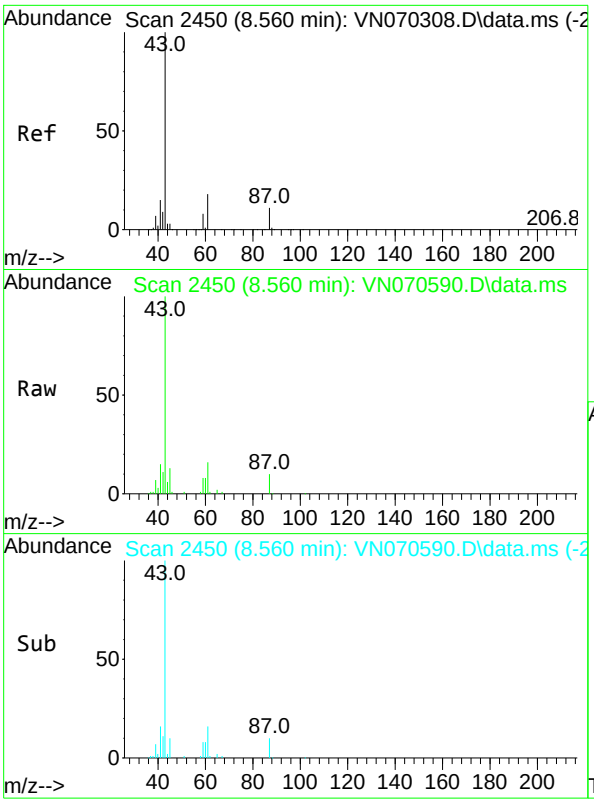


#35
Dibromofluoromethane
Concen: 51.417 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion:113 Resp: 433294

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	19.7	16.9	25.3



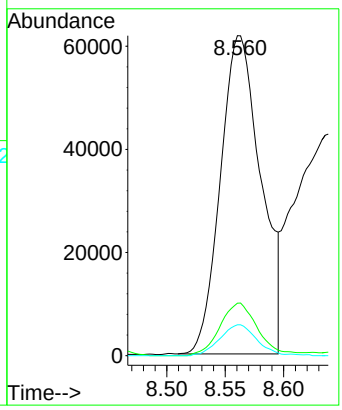


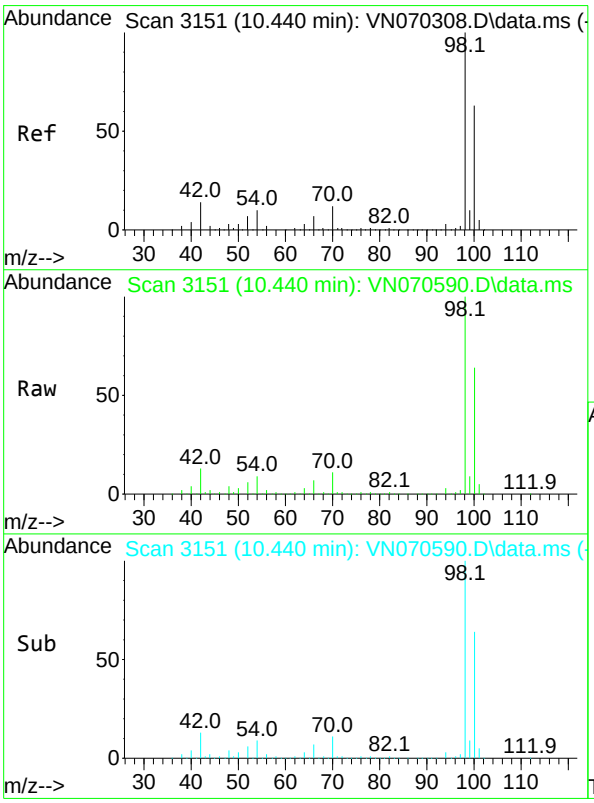
#43
Isopropyl Acetate
Concen: 5.242 ug/l
RT: 8.560 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Tgt Ion: 43 Resp: 149349

Ion	Ratio	Lower	Upper
43	100		
61	15.4	20.4	30.6#
87	8.7	11.2	16.8#

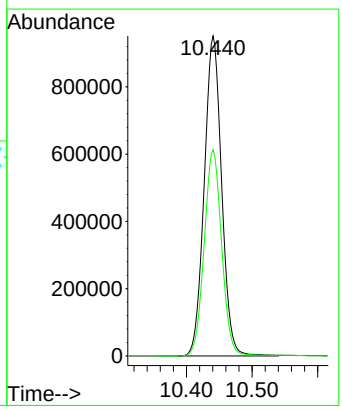


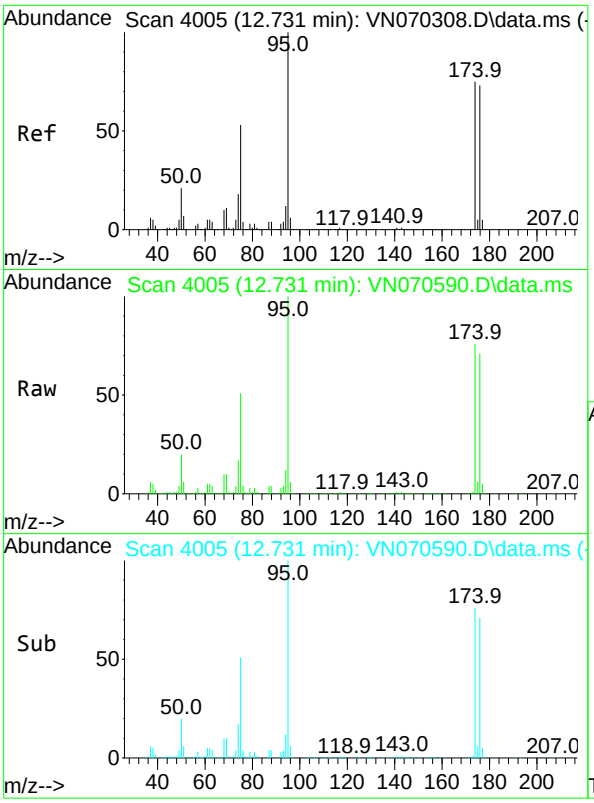


#50
Toluene-d8
Concen: 50.947 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 98 Resp: 1753877

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.4	75.6



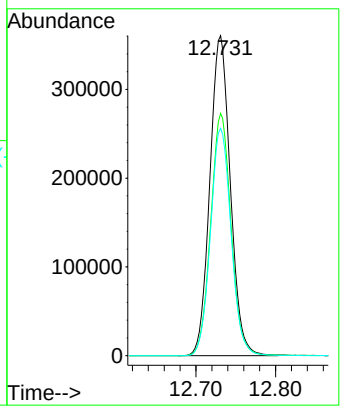


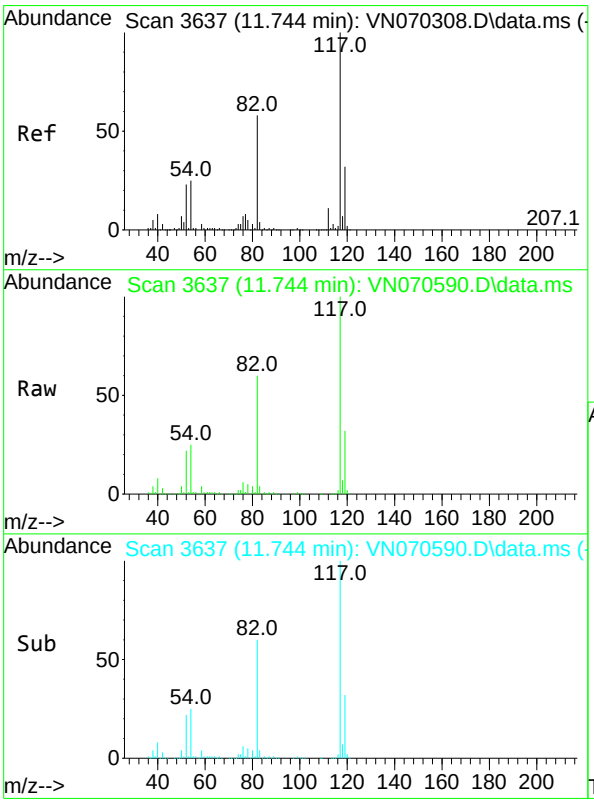
#62
4-Bromofluorobenzene
Concen: 51.848 ug/l
RT: 12.731 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Tgt Ion: 95 Resp: 644668

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	187.2
176	71.5	0.0	181.4

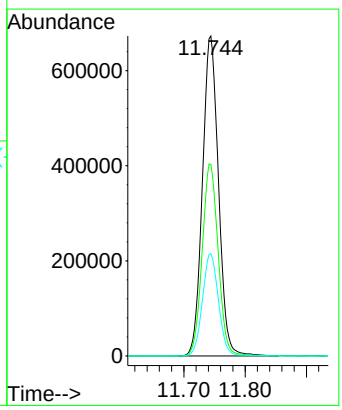


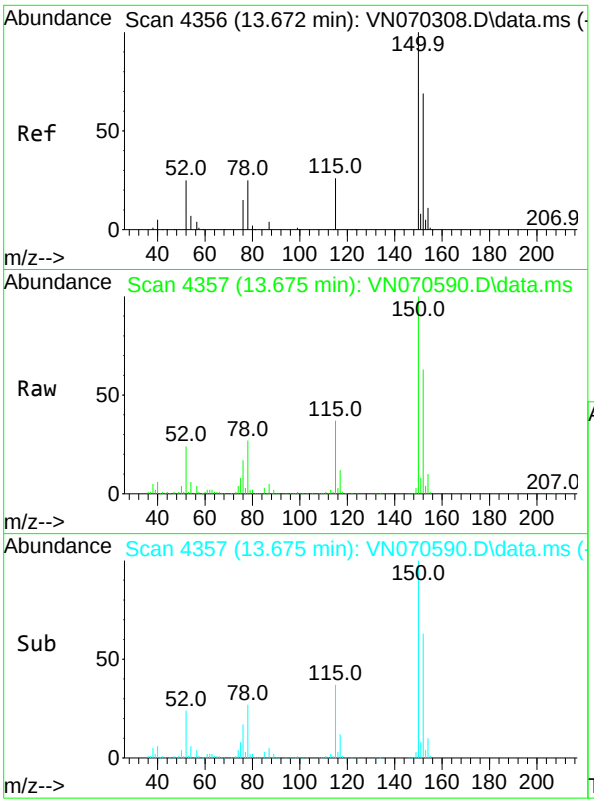


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion:117 Resp: 1225175

Ion	Ratio	Lower	Upper
117	100		
82	59.9	42.4	63.6
119	31.9	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
TP-2D

Tgt Ion:152 Resp: 427729

Ion	Ratio	Lower	Upper
152	100		
115	61.3	27.5	82.5
150	160.4	0.0	344.4