Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
Data File : VN070278.D
Acq On : 21 Dec 2021 19:41
Operator : JC/MD
Sample : PB141540TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Quant Time: Dec 21 20:12:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	670455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1226878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1037314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	347802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	674927	65.199	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 130.400%			
35) Dibromofluoromethane	8.021	113	429419	55.878	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.760%			
50) Toluene-d8	10.440	98	1350038	43.751	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 87.500%			
62) 4-Bromofluorobenzene	12.731	95	441551	39.498	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 79.000%			
Target Compounds						Qvalue
16) Acetone	4.291	43	127401	20.459	ug/l	97
18) Methyl Acetate	4.867	43	22748	1.210	ug/l #	51
20) Methylene Chloride	5.095	84	77432	9.354	ug/l	87
25) 2-Butanone	7.348	43	28545	3.374	ug/l #	85
43) Isopropyl Acetate	8.563	43	149874	5.826	ug/l #	87

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

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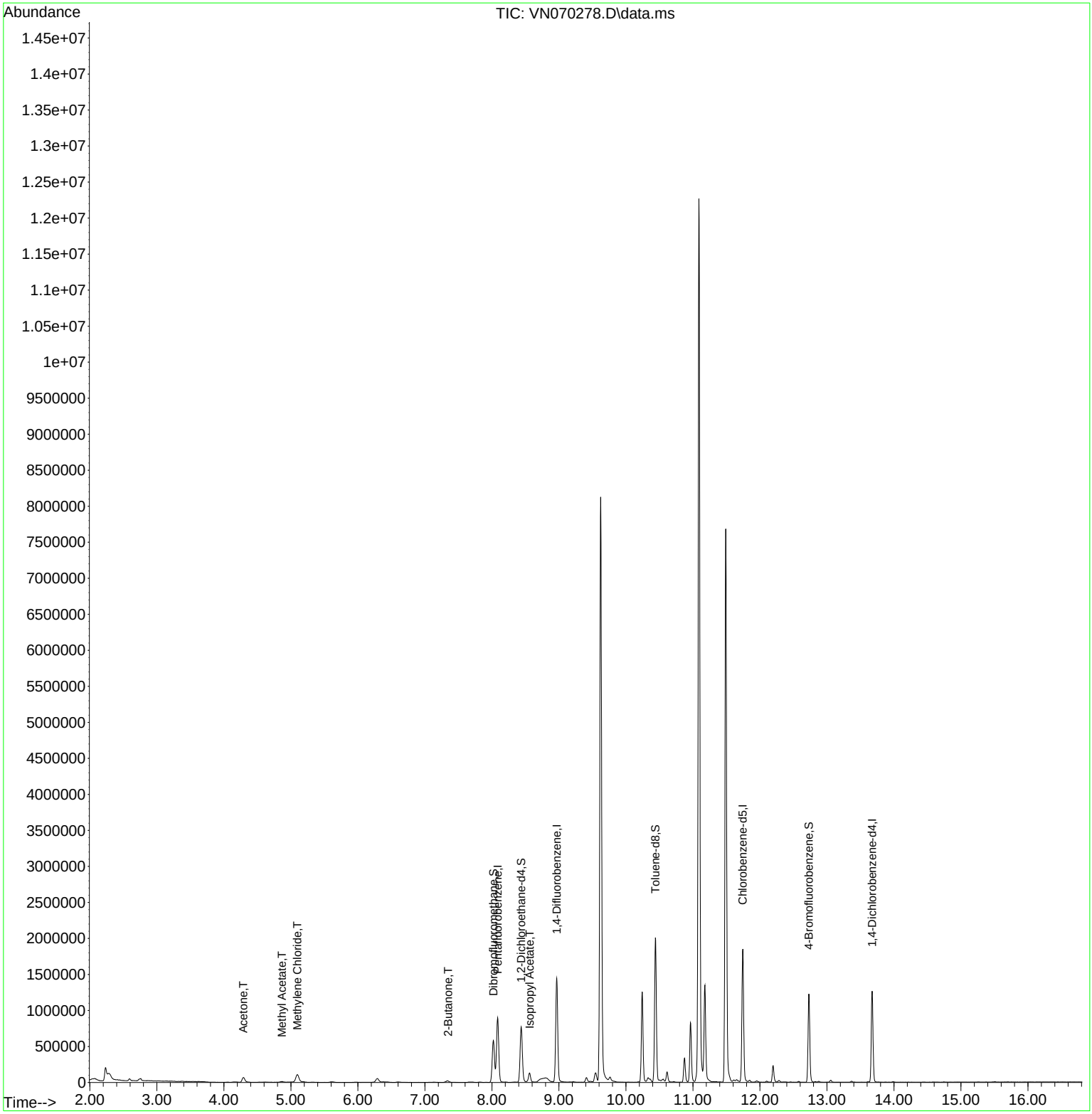
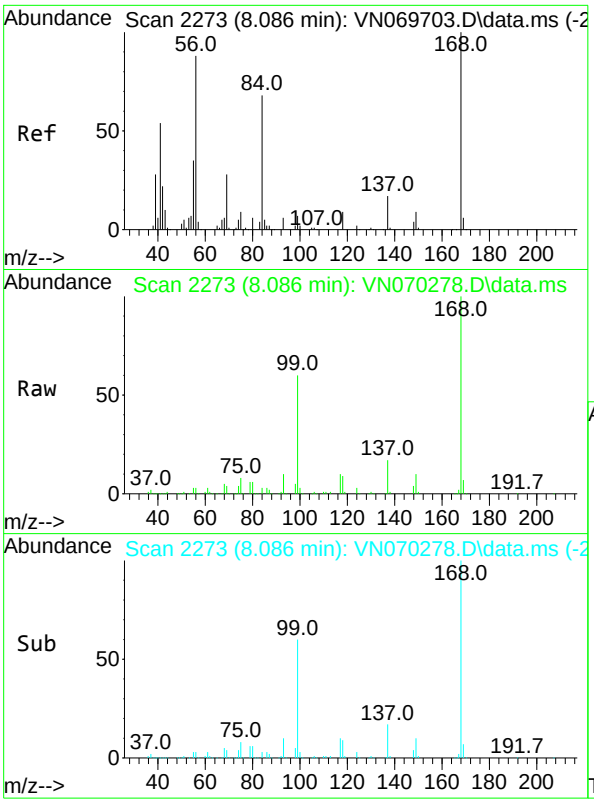


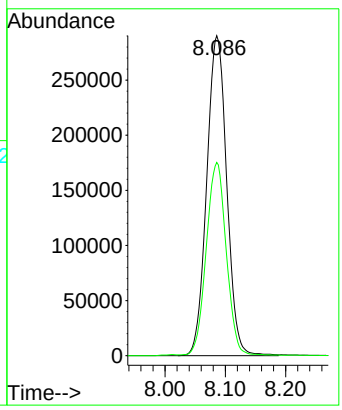


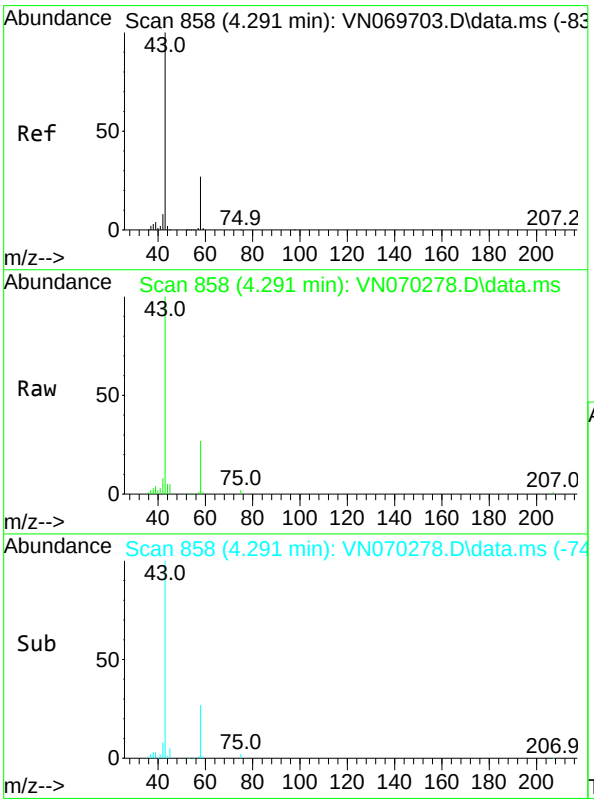
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Tgt Ion:168 Resp: 670455

Ion	Ratio	Lower	Upper
168	100		
99	60.2	41.3	61.9

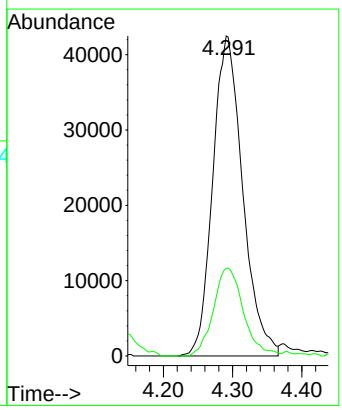


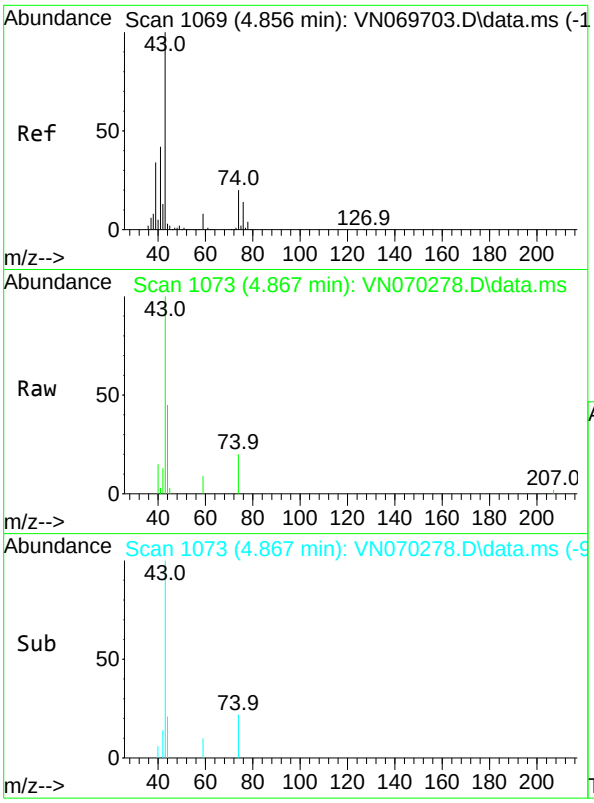


#16
Acetone
Concen: 20.459 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 43 Resp: 127401

Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.1	34.7



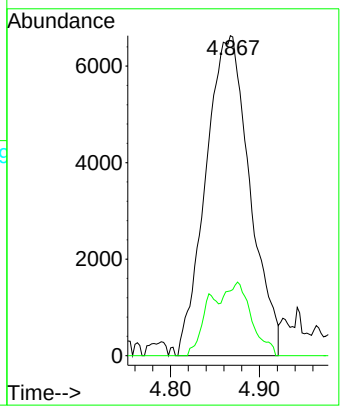


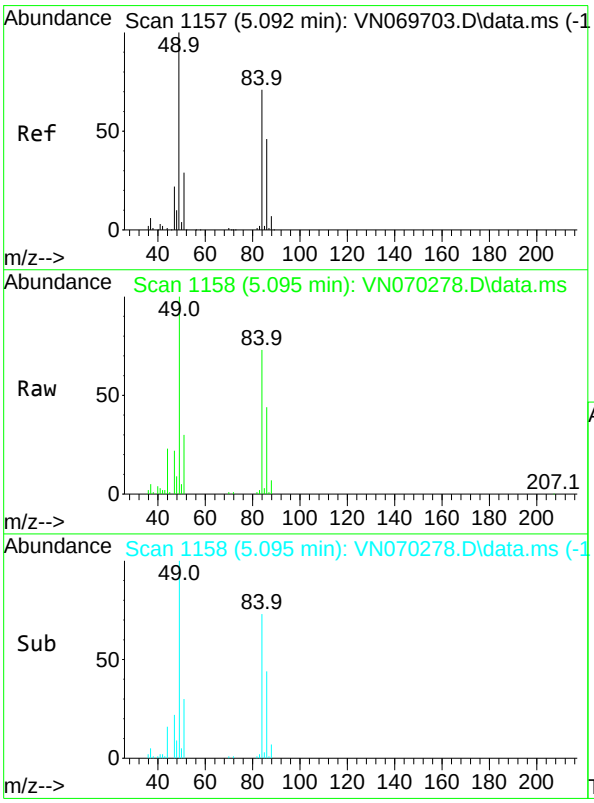
#18
Methyl Acetate
Concen: 1.210 ug/l
RT: 4.867 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Tgt Ion: 43 Resp: 22748

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#

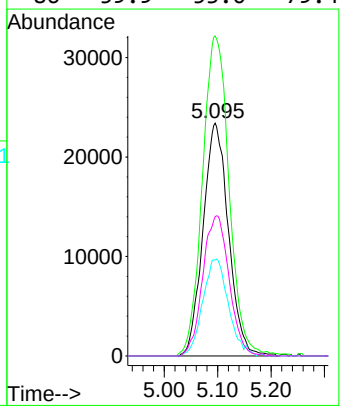


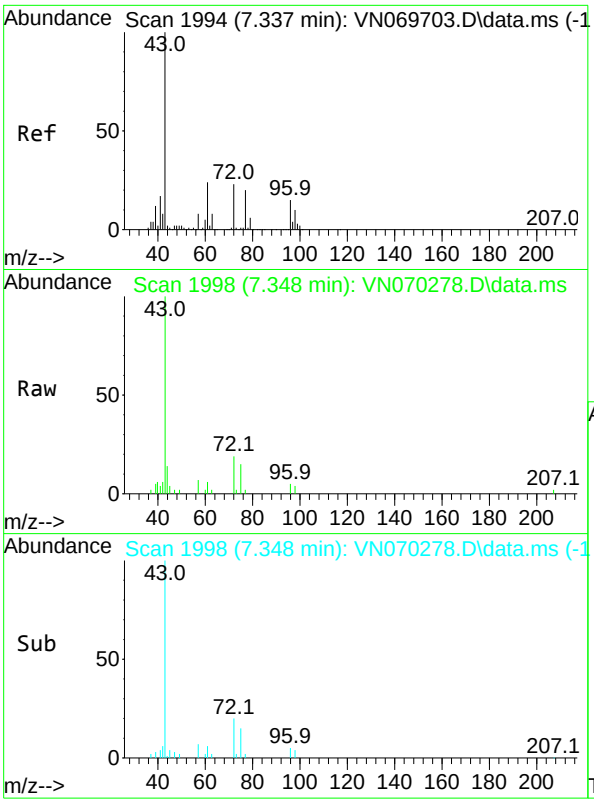


#20
Methylene Chloride
Concen: 9.354 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 84 Resp: 77432

Ion	Ratio	Lower	Upper
84	100		
49	136.7	93.5	140.3
51	41.2	29.4	44.2
86	59.9	53.0	79.4



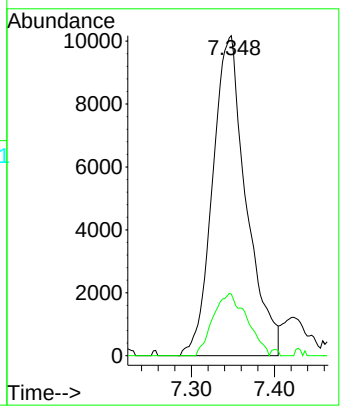


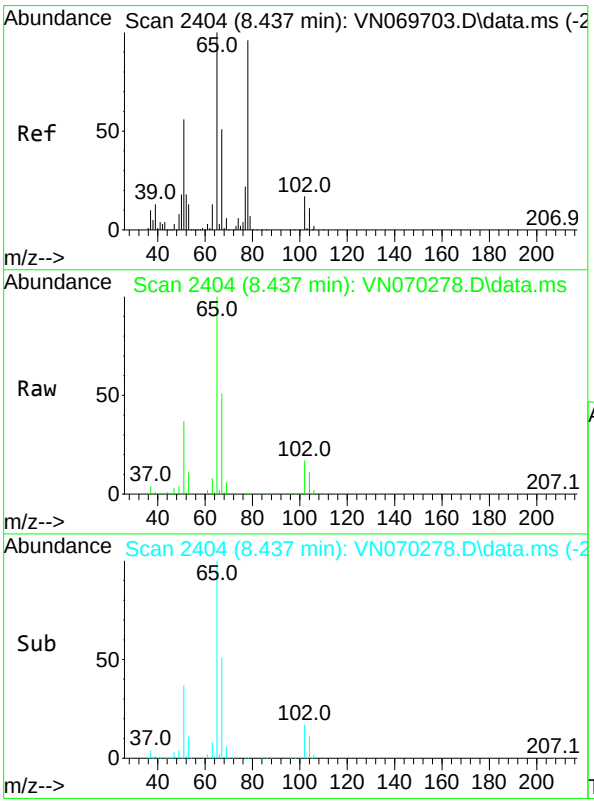
#25
2-Butanone
Concen: 3.374 ug/l
RT: 7.348 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Tgt Ion: 43 Resp: 28545

Ion	Ratio	Lower	Upper
43	100		
72	19.3	21.7	32.5#

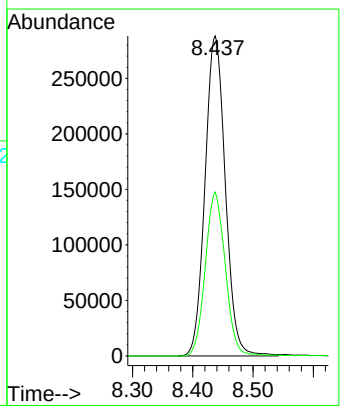


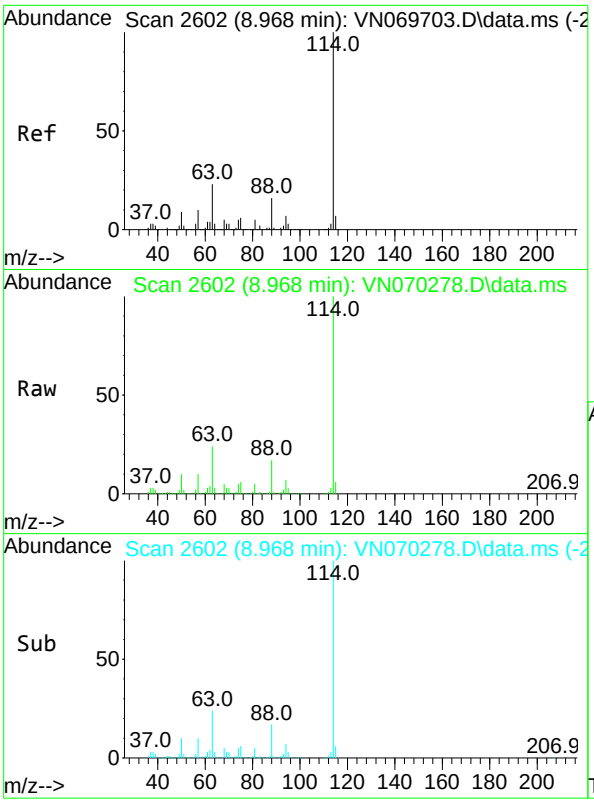


#33
1,2-Dichloroethane-d4
Concen: 65.199 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 65 Resp: 674927

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	103.0



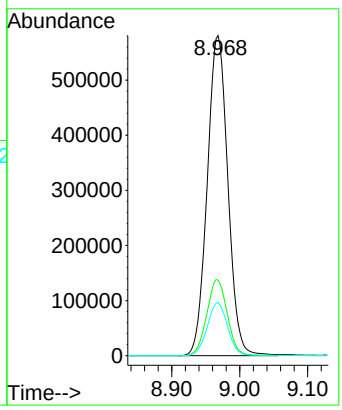


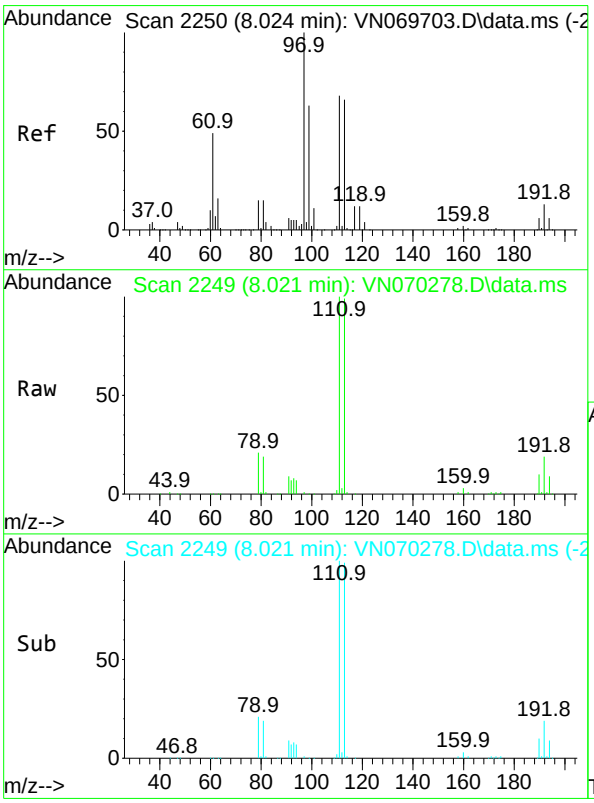
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Tgt Ion:114 Resp: 1226878

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	37.8
88	16.6	0.0	27.4

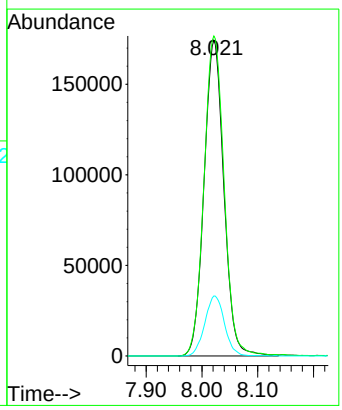


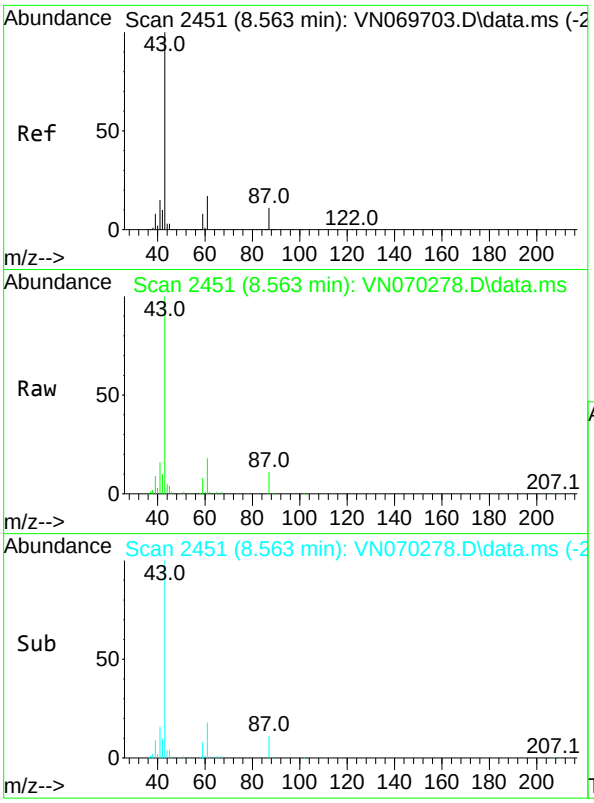


#35
Dibromofluoromethane
Concen: 55.878 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion:113 Resp: 429419

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	18.9	16.9	25.3



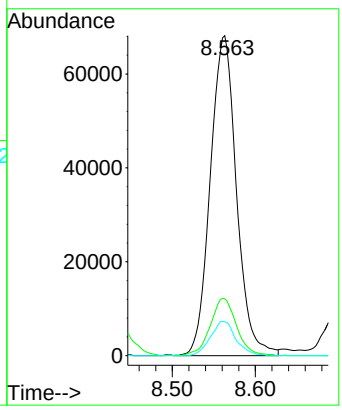


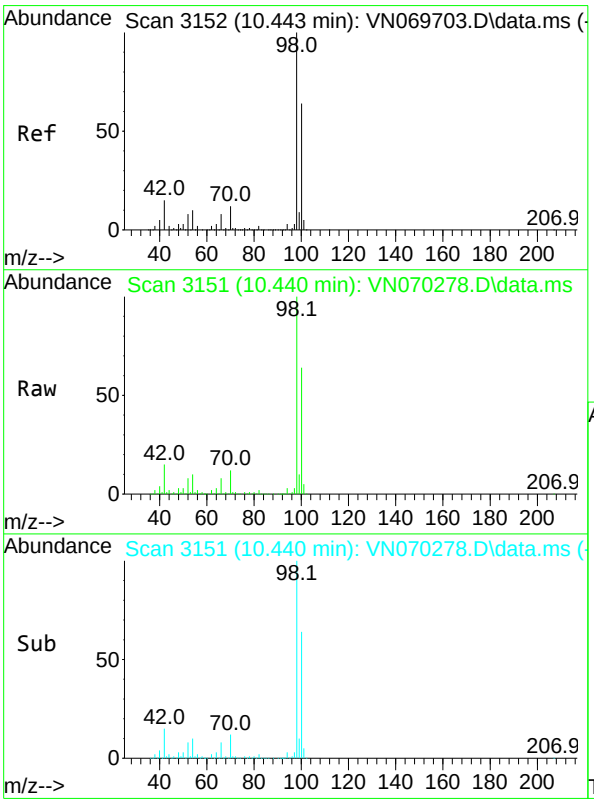
#43
Isopropyl Acetate
Concen: 5.826 ug/l
RT: 8.563 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Tgt Ion: 43 Resp: 149874

Ion	Ratio	Lower	Upper
43	100		
61	18.0	20.4	30.6#
87	10.4	11.2	16.8#

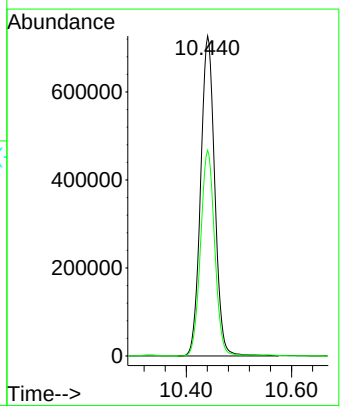


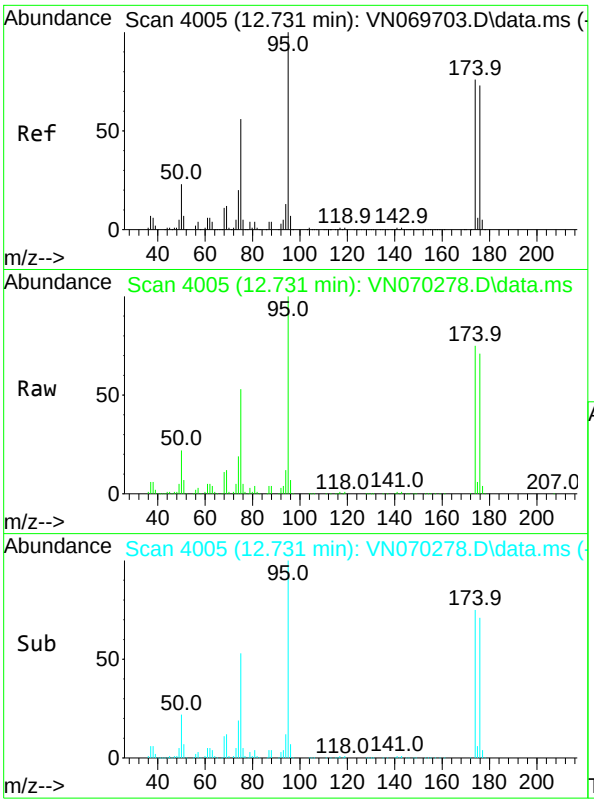


#50
Toluene-d8
Concen: 43.751 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion: 98 Resp: 1350038

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.4	75.6



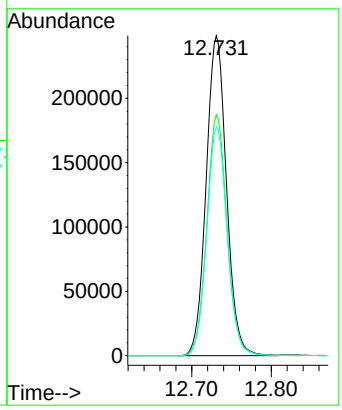


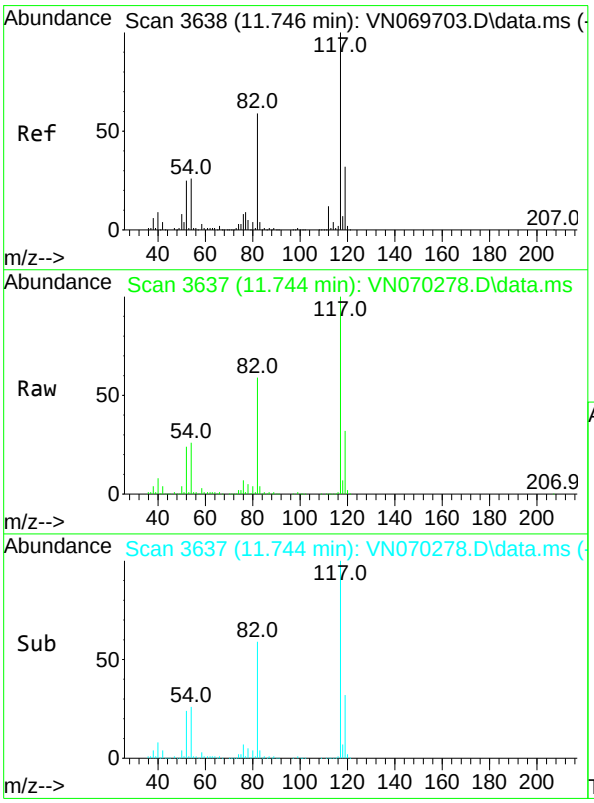
#62
4-Bromofluorobenzene
Concen: 39.498 ug/l
RT: 12.731 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Tgt Ion: 95 Resp: 441551

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	187.2
176	72.0	0.0	181.4

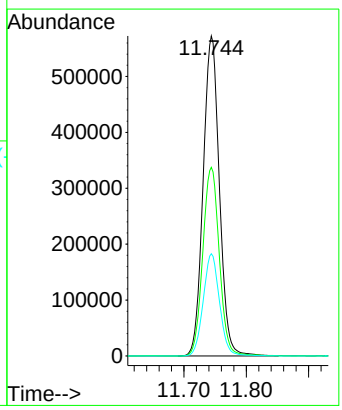


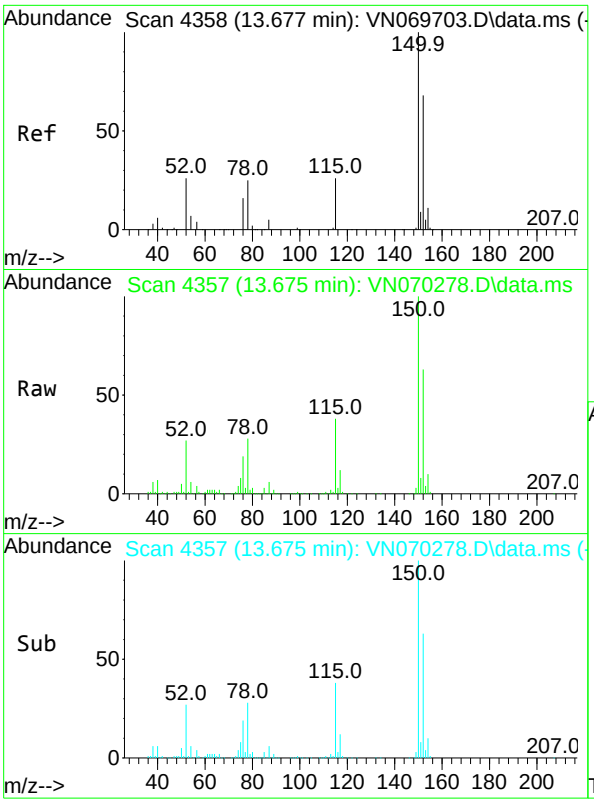


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Tgt Ion:117 Resp: 1037314

Ion	Ratio	Lower	Upper
117	100		
82	58.9	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# 4
Delta R.T. -0.003 min
Lab File: VN070278.D
Acq: 21 Dec 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
PB141540TB

Tgt Ion:152 Resp: 347802

Ion	Ratio	Lower	Upper
152	100		
115	59.6	27.5	82.5
150	154.0	0.0	344.4