Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
Data File : VN070554.D
Acq On : 10 Jan 2022 19:51
Operator : JC/MD
Sample : N1051-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Quant Time: Jan 11 06:07:14 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	978893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1665735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1483837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	555029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	735987	52.292	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.580%			
35) Dibromofluoromethane	8.021	113	521123	51.706	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.420%			
50) Toluene-d8	10.440	98	2129820	51.730	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.731	95	798491	53.697	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.400%			
Target Compounds						Qvalue
13) Acrolein	4.044	56	8698	4.574	ug/l	97
16) Acetone	4.291	43	198071	21.679	ug/l	94
17) Carbon Disulfide	4.532	76	18357	0.675	ug/l	99
18) Methyl Acetate	4.865	43	25168	0.952	ug/l	93

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

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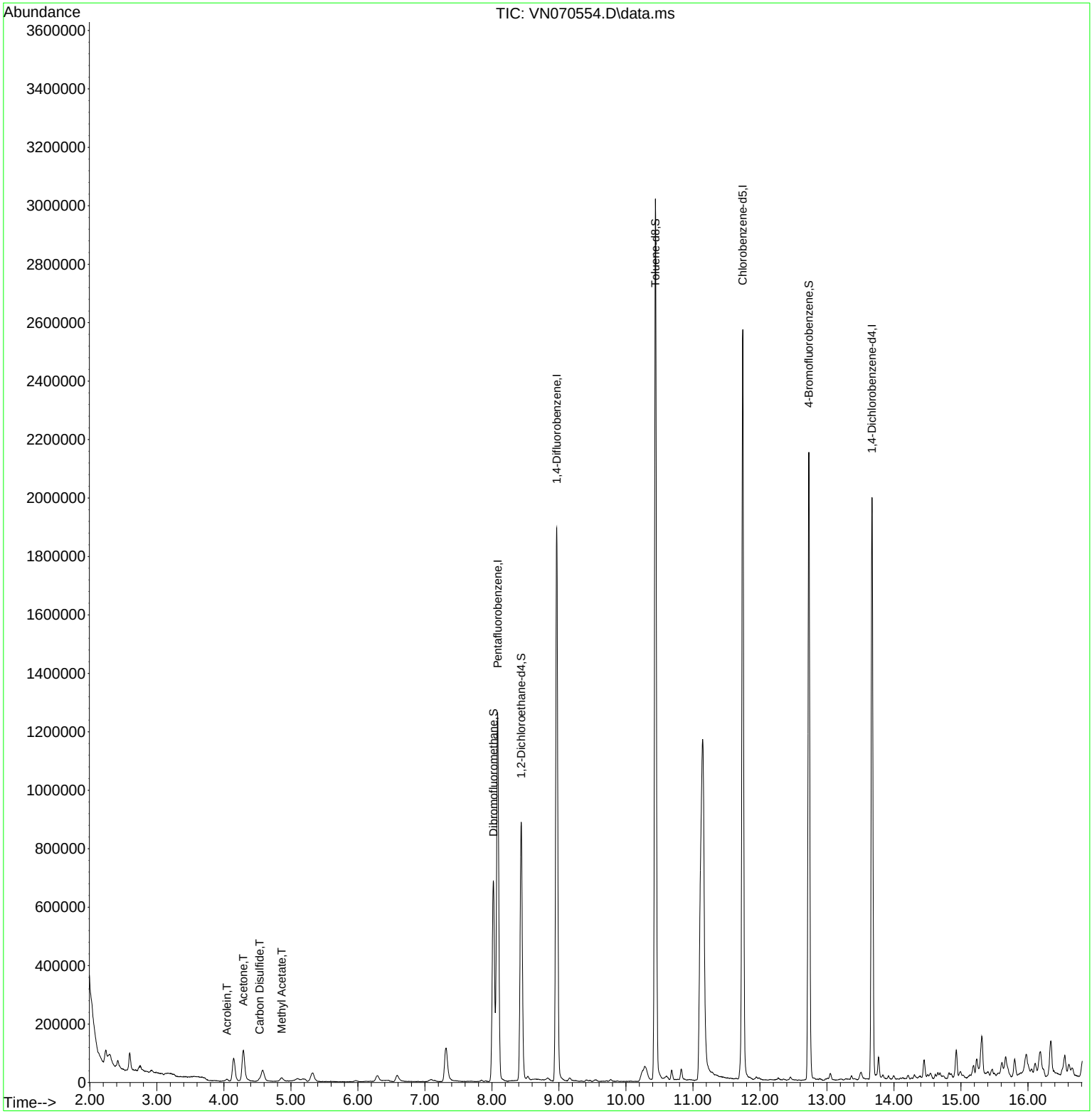
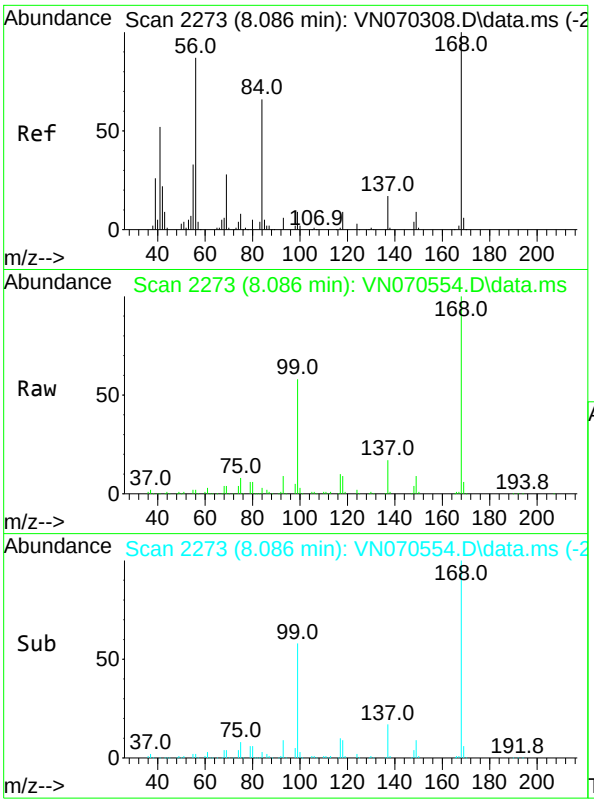


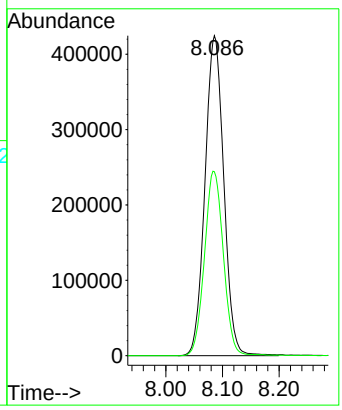


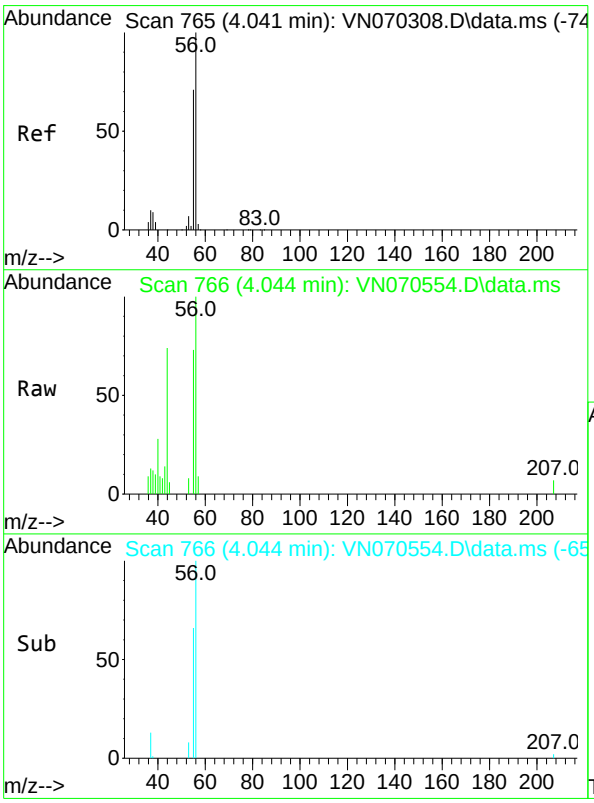
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Tgt Ion:168 Resp: 978893

Ion	Ratio	Lower	Upper
168	100		
99	57.5	41.3	61.9

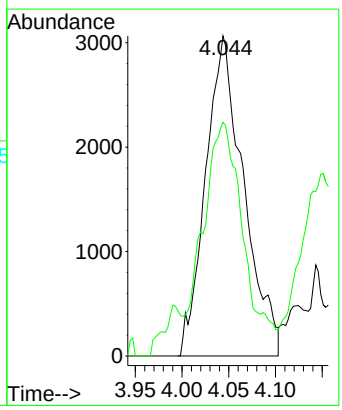


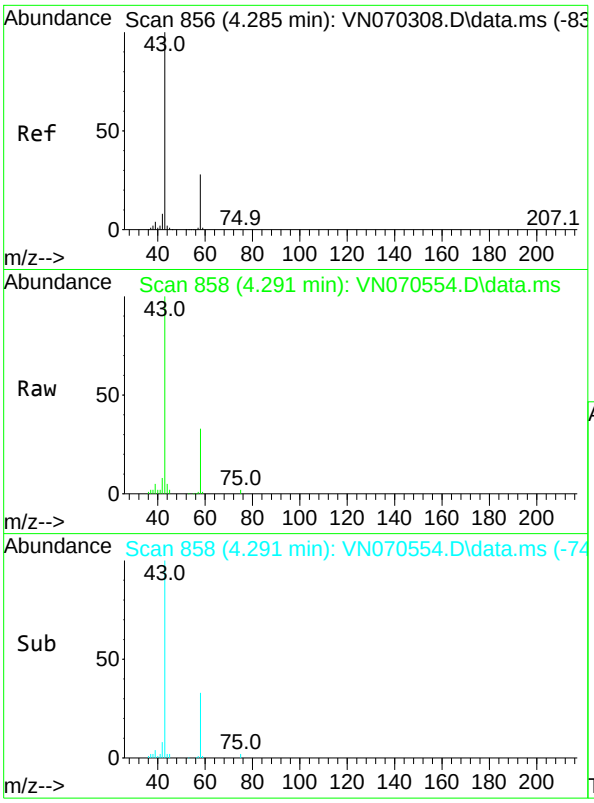


#13
Acrolein
Concen: 4.574 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 56 Resp: 8698

Ion	Ratio	Lower	Upper
56	100		
55	73.4	56.6	85.0



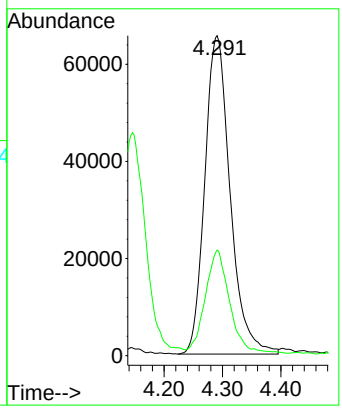


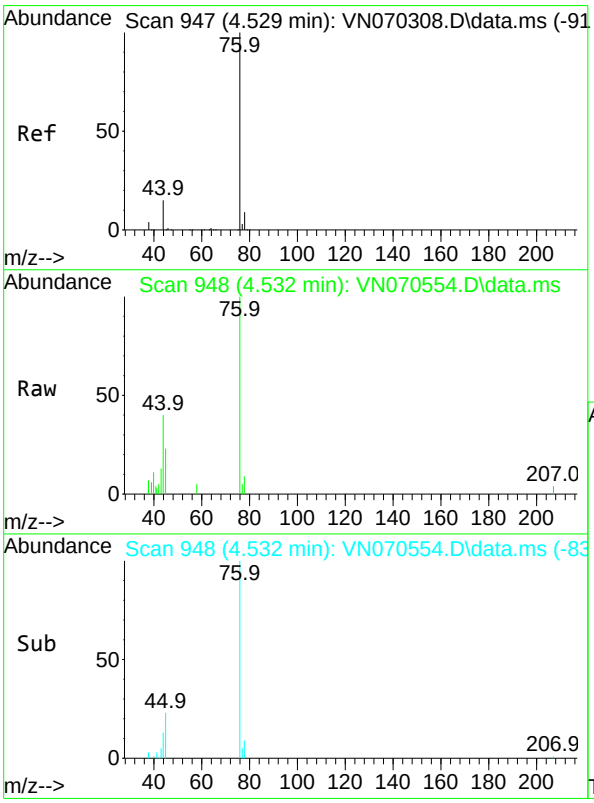
#16
Acetone
Concen: 21.679 ug/l
RT: 4.291 min Scan# 8
Delta R.T. 0.006 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Tgt Ion: 43 Resp: 198071

Ion	Ratio	Lower	Upper
43	100		
58	32.0	23.1	34.7

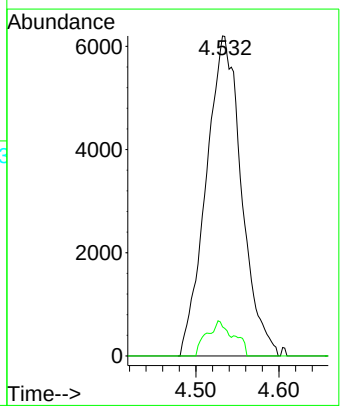


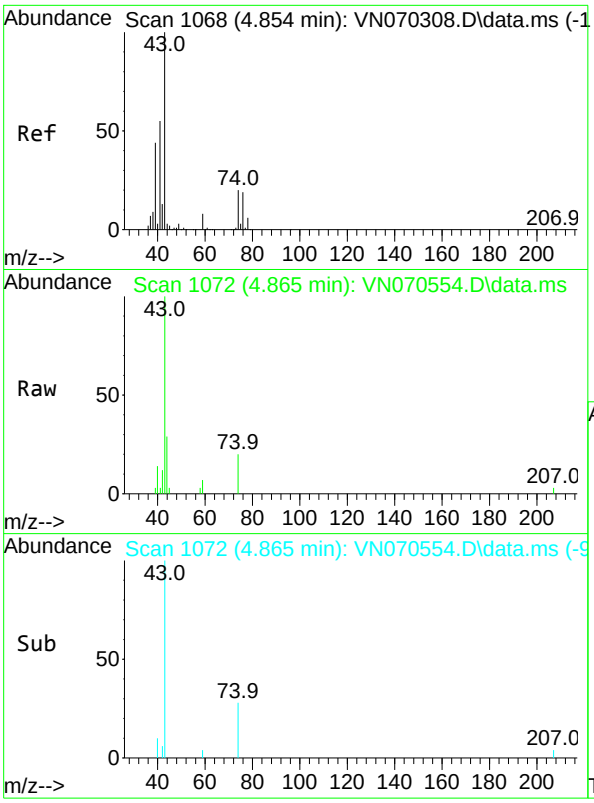


#17
Carbon Disulfide
Concen: 0.675 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.003 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 76 Resp: 18357

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3



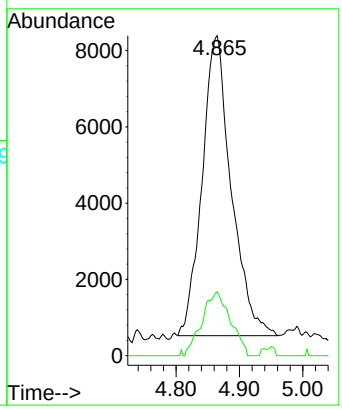


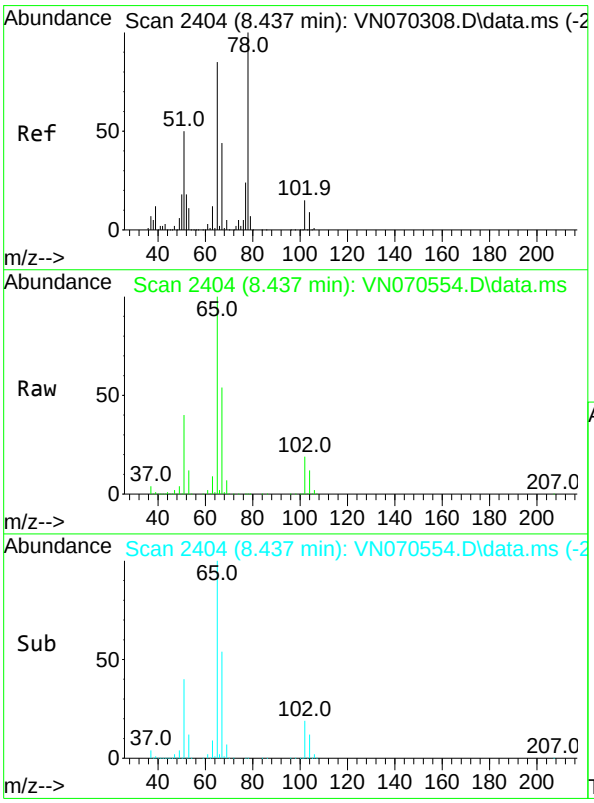
#18
Methyl Acetate
Concen: 0.952 ug/l
RT: 4.865 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Tgt Ion: 43 Resp: 25168

Ion	Ratio	Lower	Upper
43	100		
74	20.7	19.4	29.2

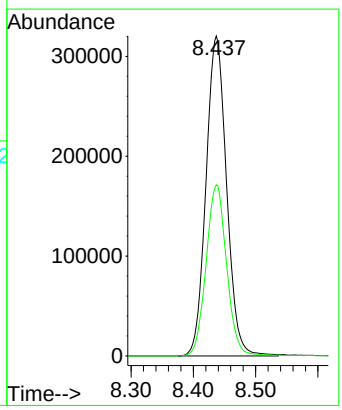


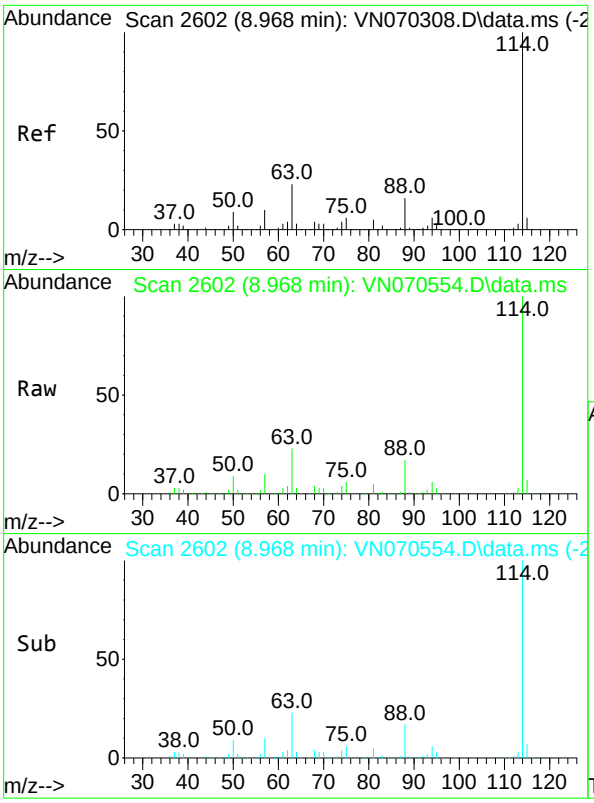


#33
1,2-Dichloroethane-d4
Concen: 52.292 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 65 Resp: 735987

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.0



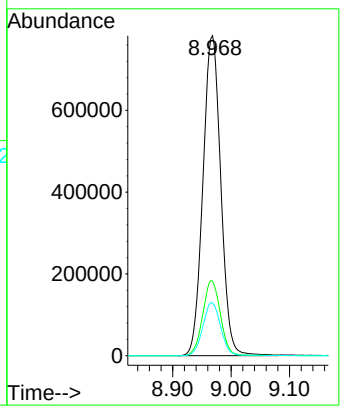


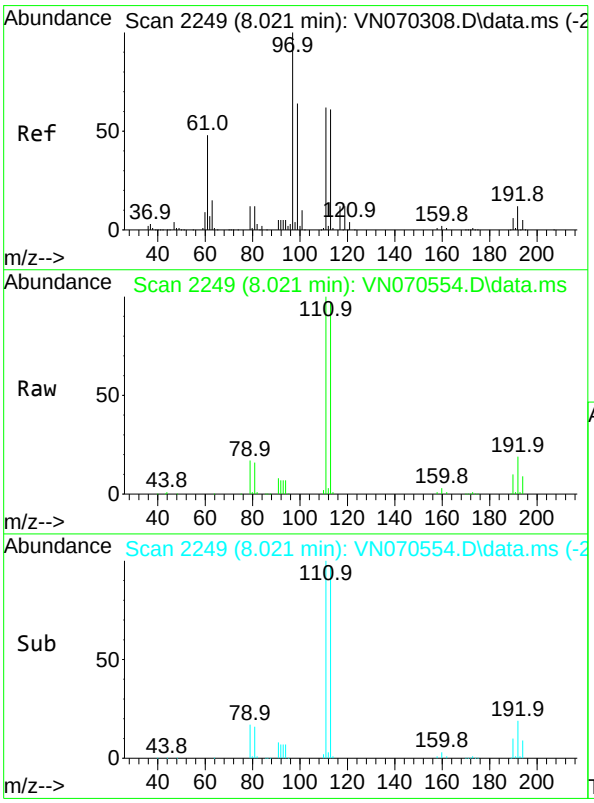
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Tgt Ion:114 Resp: 1665735

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	37.8
88	16.5	0.0	27.4

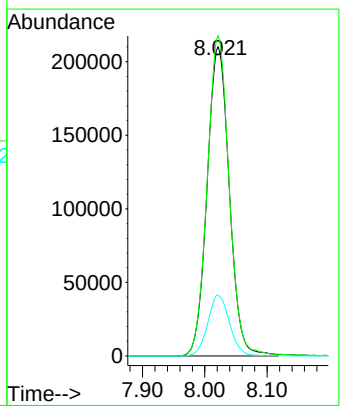


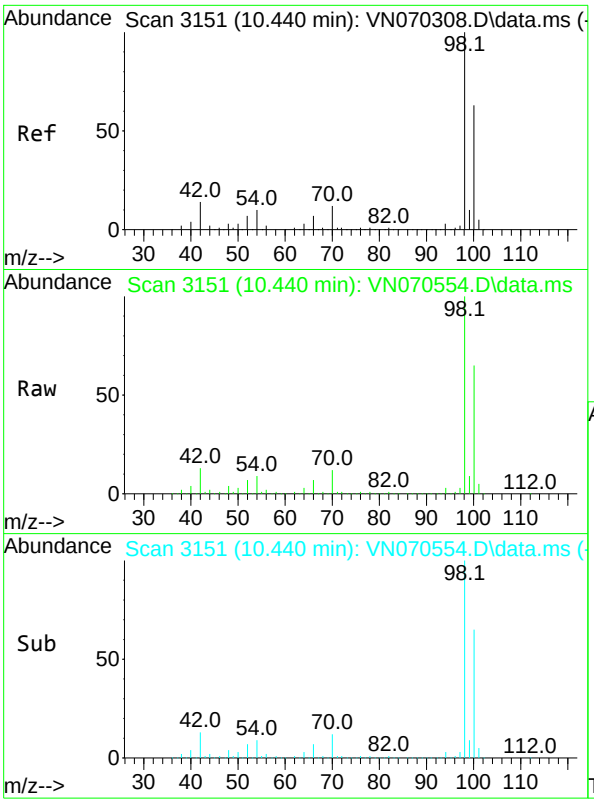


#35
Dibromofluoromethane
Concen: 51.706 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion:113 Resp: 521123

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	19.3	16.9	25.3



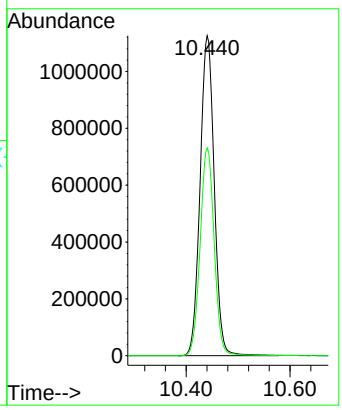


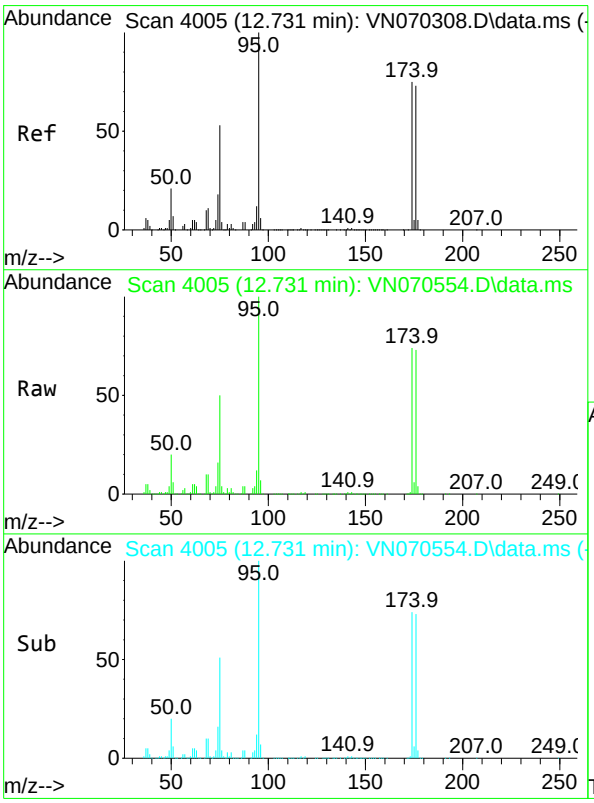
#50
Toluene-d8
Concen: 51.730 ug/l
RT: 10.440 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Tgt Ion: 98 Resp: 2129820

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.4	75.6

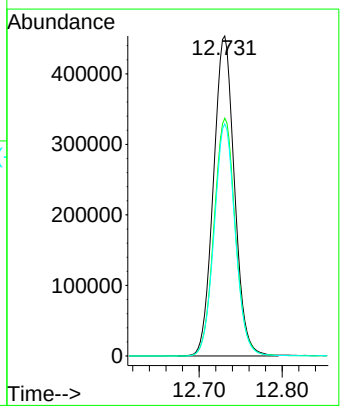


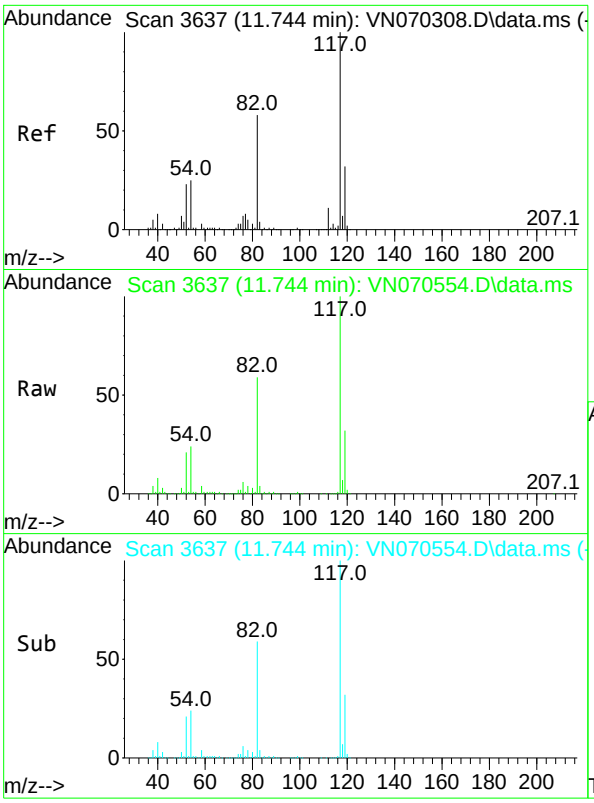


#62
4-Bromofluorobenzene
Concen: 53.697 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 95 Resp: 798491

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	187.2
176	72.6	0.0	181.4



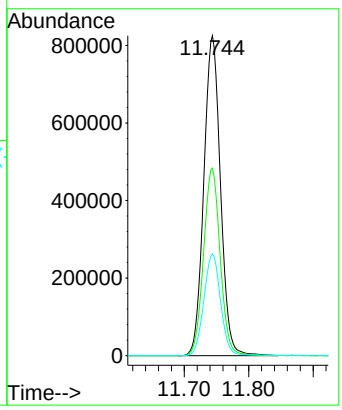


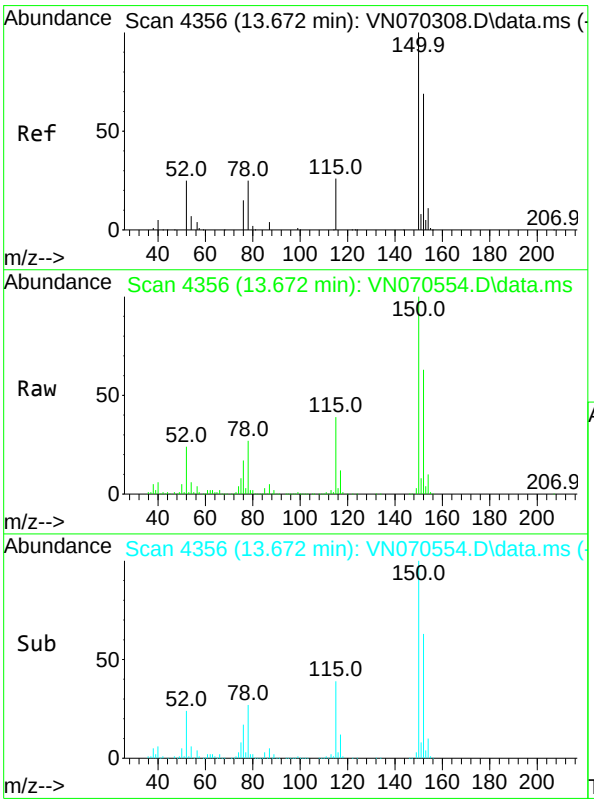
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Tgt Ion:117 Resp: 1483837

Ion	Ratio	Lower	Upper
117	100		
82	58.6	42.4	63.6
119	31.8	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion:152 Resp: 555029

Ion	Ratio	Lower	Upper
152	100		
115	61.2	27.5	82.5
150	156.9	0.0	344.4