Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
Data File : VN070111.D
Acq On : 15 Dec 2021 15:02
Operator : JC/MD
Sample : M4970-07RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Quant Time: Dec 16 05:39:08 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

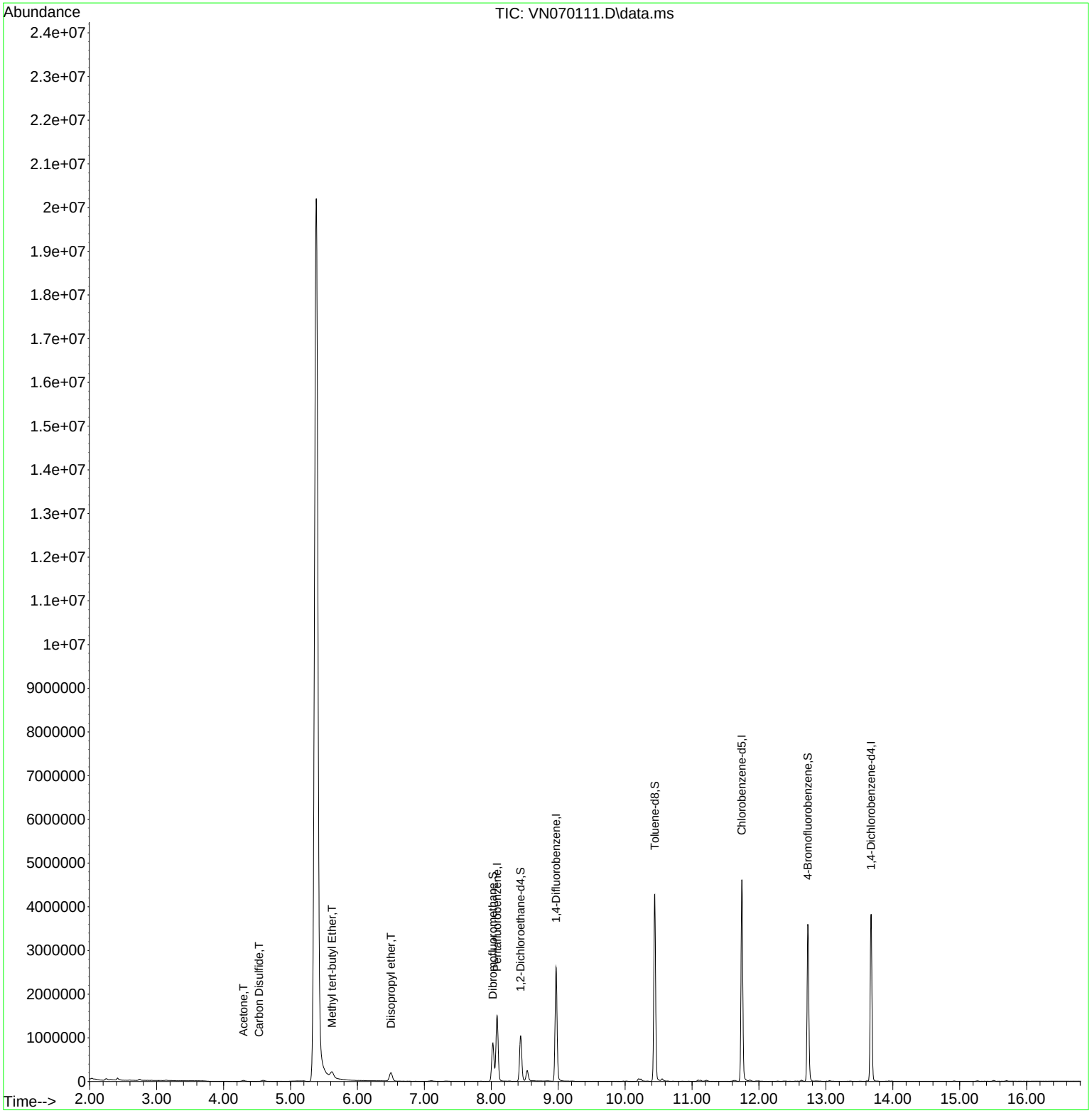
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	1135404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2197638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2567496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1035474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	912670	52.061	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.120%			
35) Dibromofluoromethane	8.024	113	641566	46.607	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.220%			
50) Toluene-d8	10.443	98	2917693	52.787	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.731	95	1274886	63.667	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 127.340%			
Target Compounds						Qvalue
16) Acetone	4.296	43	43913	4.164	ug/l	91
17) Carbon Disulfide	4.529	76	7221	0.258	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	180495	4.292	ug/l #	85
22) Diisopropyl ether	6.501	45	257345	5.403	ug/l #	87

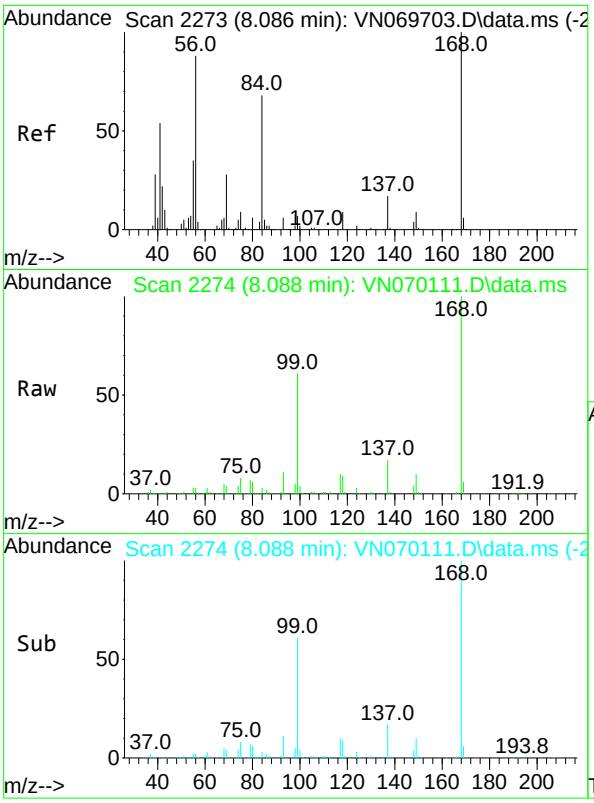
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
Data File : VN070111.D
Acq On : 15 Dec 2021 15:02
Operator : JC/MD
Sample : M4970-07RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Quant Time: Dec 16 05:39:08 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



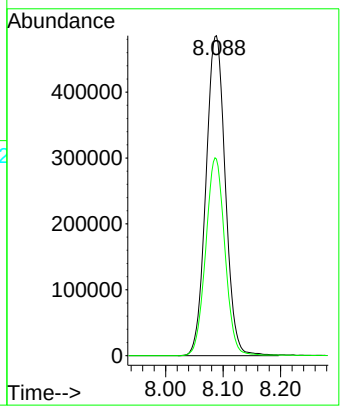


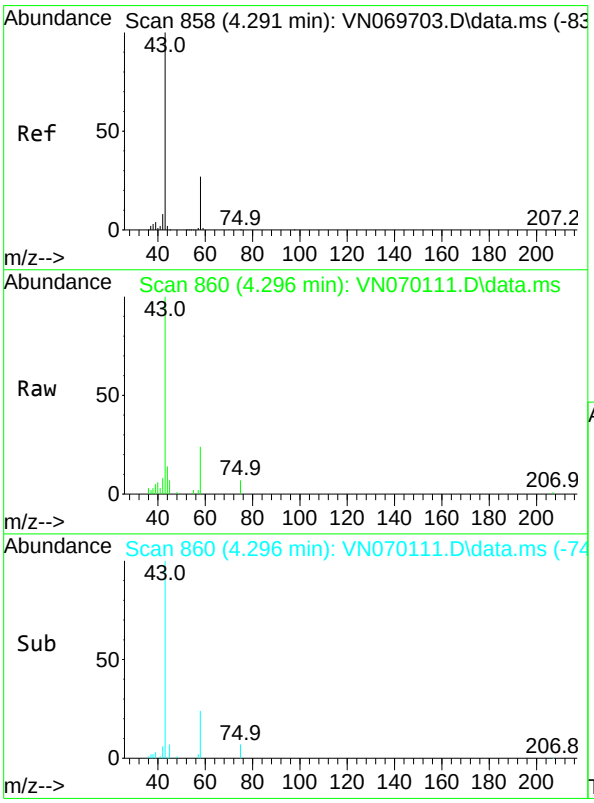
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2
Delta R.T. 0.002 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Tgt Ion:168 Resp: 1135404

Ion	Ratio	Lower	Upper
168	100		
99	61.4	41.3	61.9

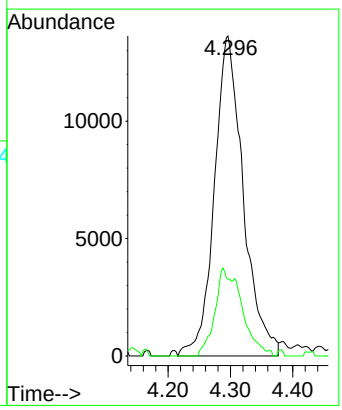


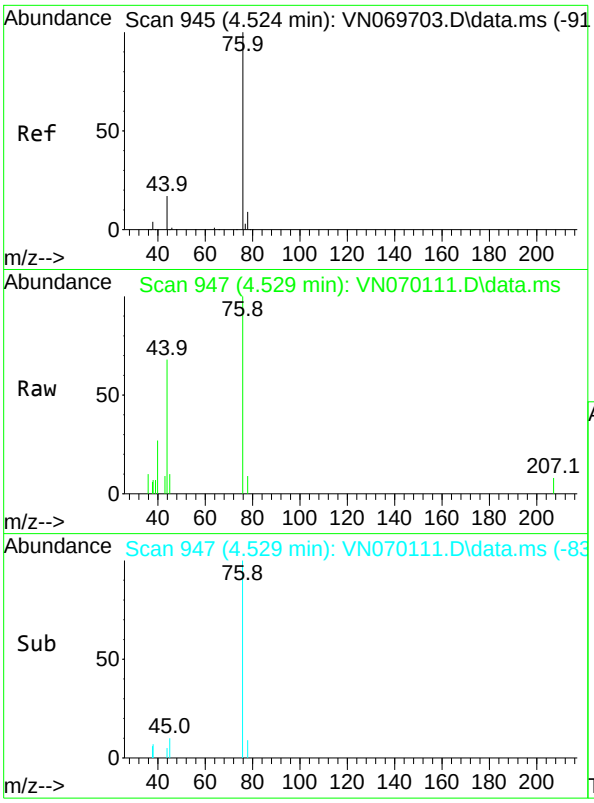


#16
Acetone
Concen: 4.164 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.006 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Tgt Ion: 43 Resp: 43913

Ion	Ratio	Lower	Upper
43	100		
58	24.0	23.1	34.7



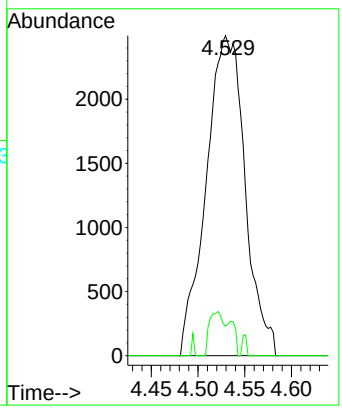


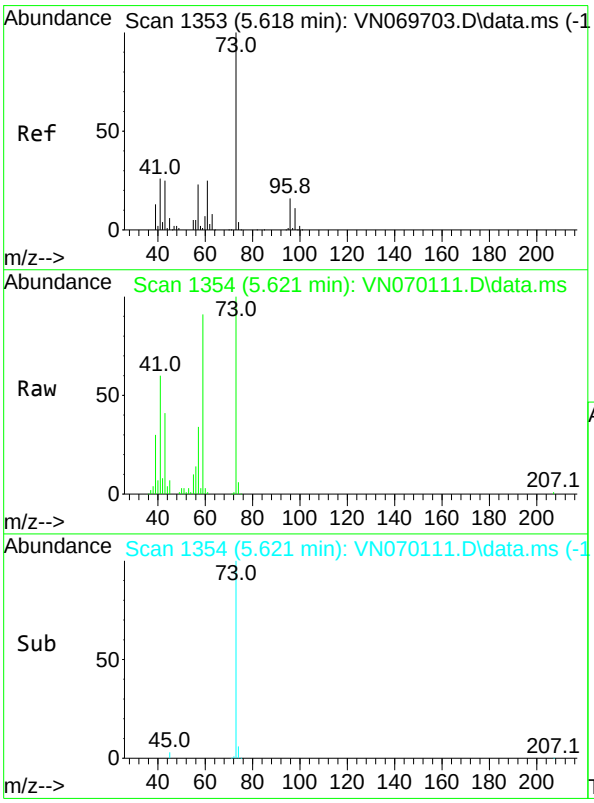
#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 4.529 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Tgt Ion: 76 Resp: 7221

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

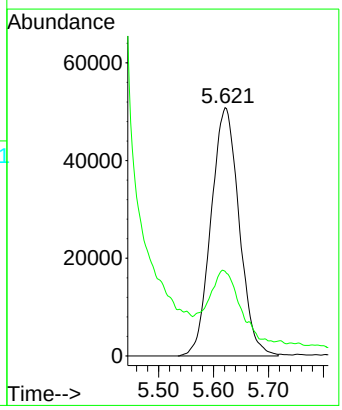


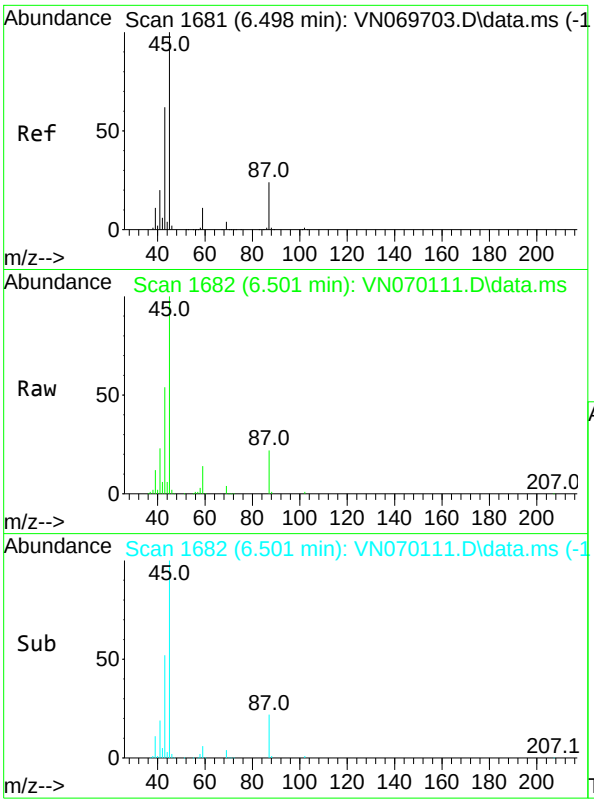


#19
Methyl tert-butyl Ether
Concen: 4.292 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Tgt Ion: 73 Resp: 180495

Ion	Ratio	Lower	Upper
73	100		
57	28.1	16.8	25.2#



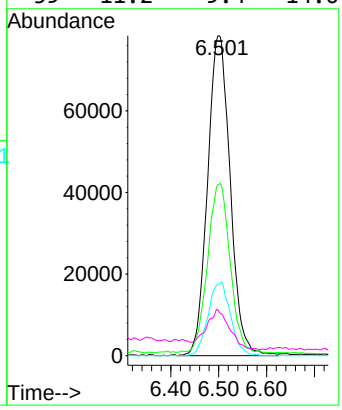


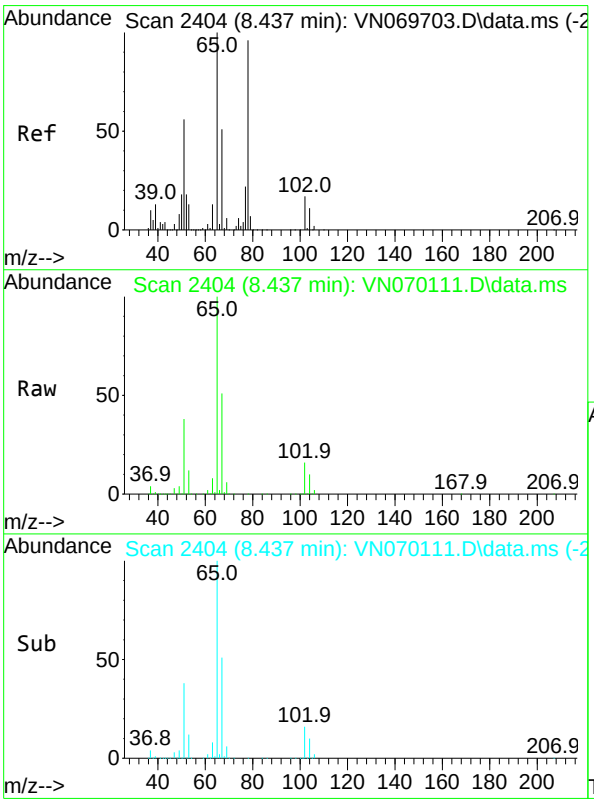
#22
Diisopropyl ether
Concen: 5.403 ug/l
RT: 6.501 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Tgt Ion: 45 Resp: 257345

Ion	Ratio	Lower	Upper
45	100		
43	52.5	51.7	77.5
87	22.3	23.2	34.8#
59	11.2	9.4	14.0

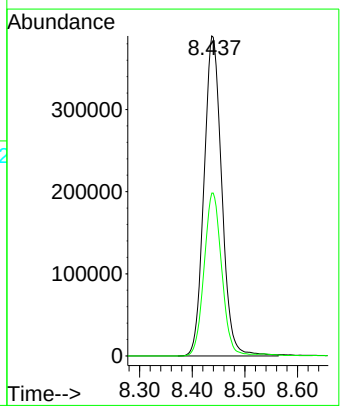


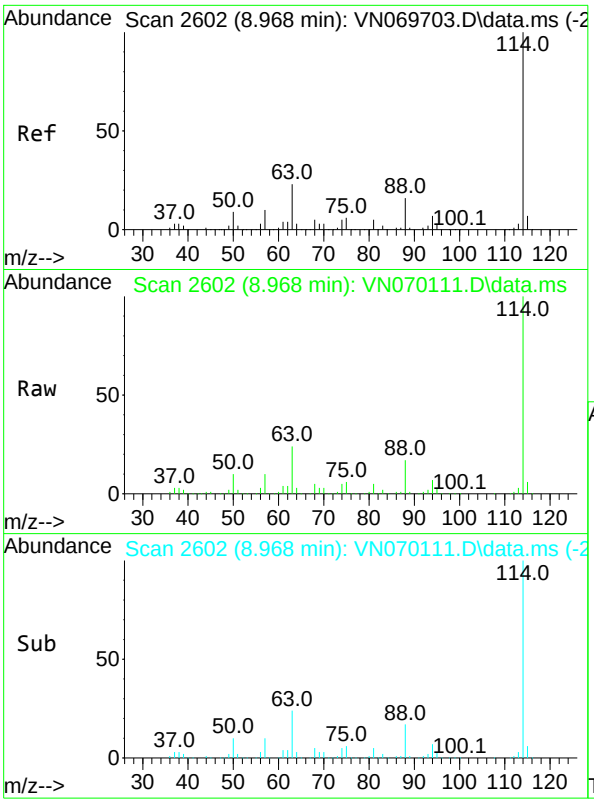


#33
1,2-Dichloroethane-d4
Concen: 52.061 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Tgt Ion: 65 Resp: 912670

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.0



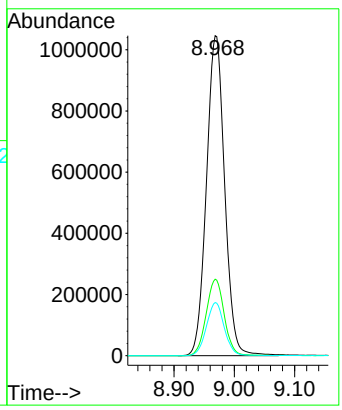


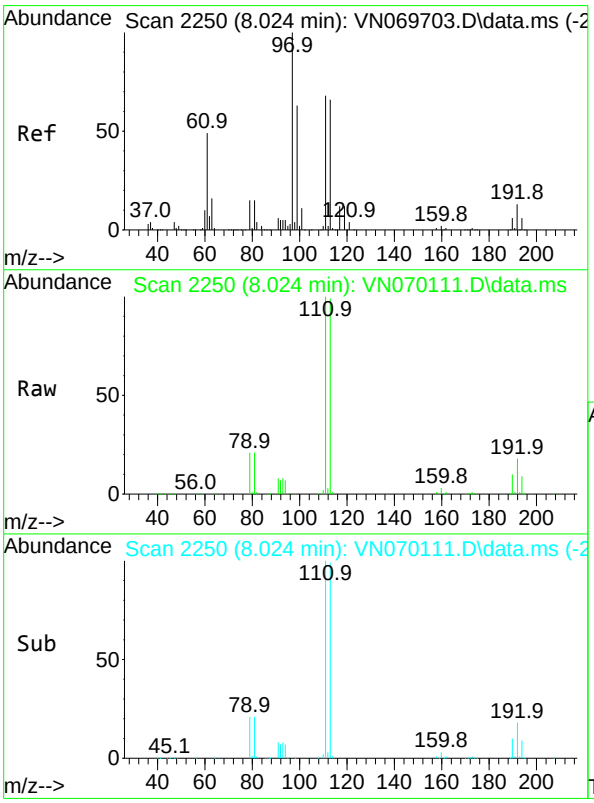
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Tgt Ion:114 Resp: 2197638

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	37.8
88	16.6	0.0	27.4

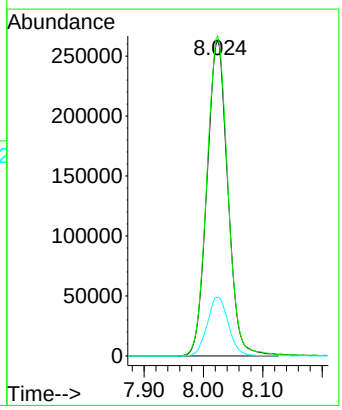


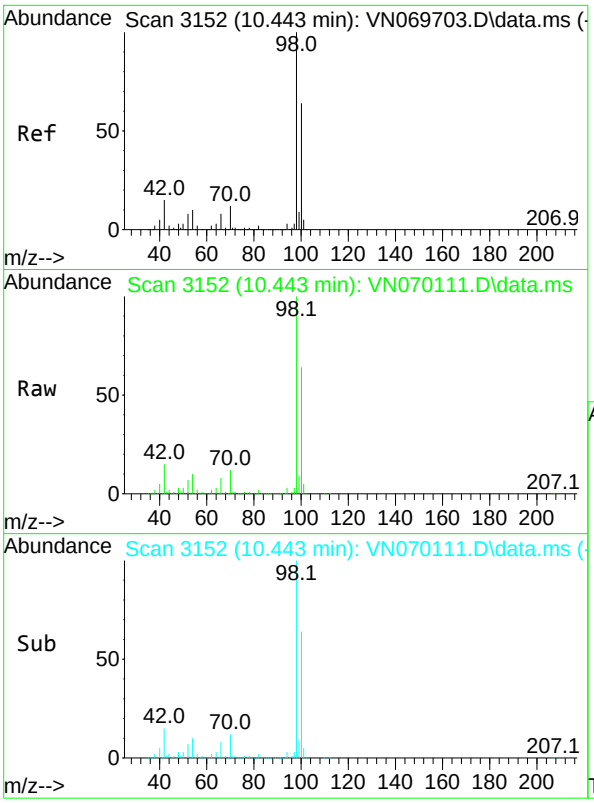


#35
Dibromofluoromethane
Concen: 46.607 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Tgt Ion:113 Resp: 641566

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	18.9	16.9	25.3



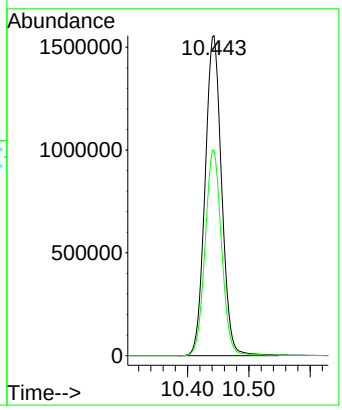


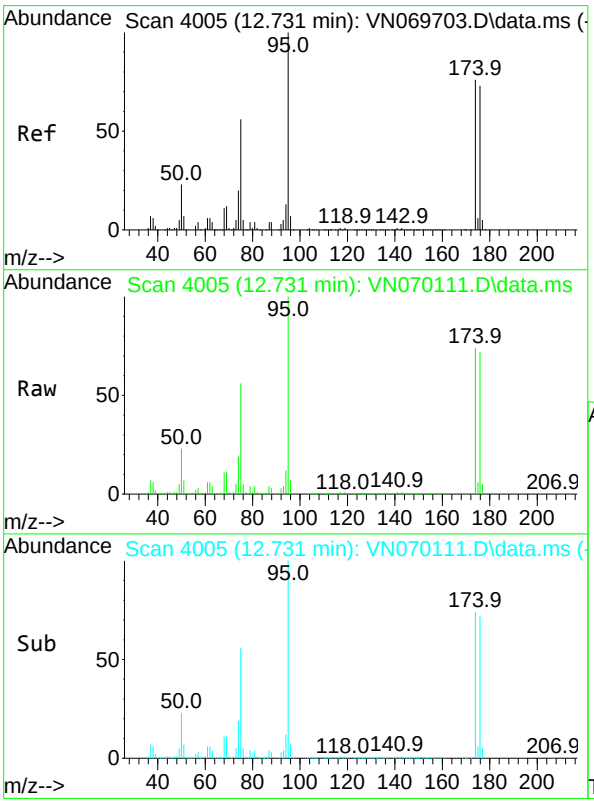
#50
Toluene-d8
Concen: 52.787 ug/l
RT: 10.443 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Tgt Ion: 98 Resp: 2917693

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.4	75.6

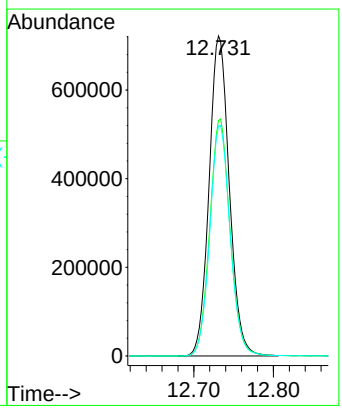


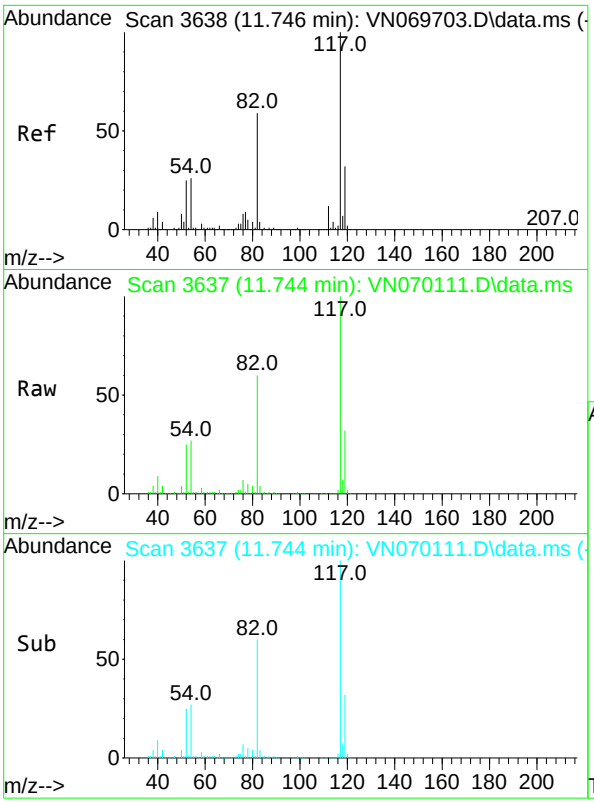


#62
4-Bromofluorobenzene
Concen: 63.667 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Tgt Ion: 95 Resp: 1274886

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	187.2
176	72.3	0.0	181.4



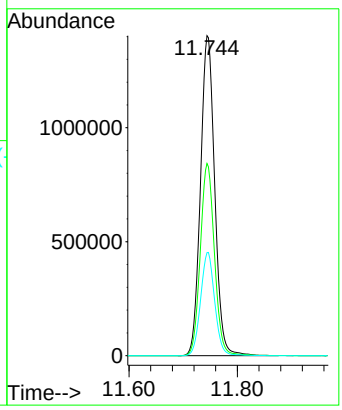


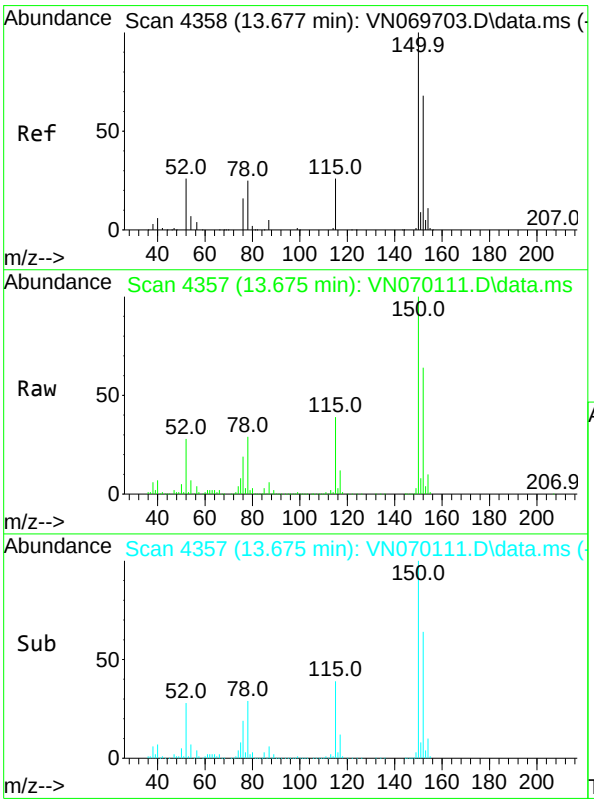
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3
Delta R.T. -0.002 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :
MW-31RE

Tgt Ion:117 Resp: 2567496

Ion	Ratio	Lower	Upper
117	100		
82	60.1	42.4	63.6
119	32.2	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070111.D
Acq: 15 Dec 2021 15:02

Tgt Ion:152 Resp: 1035474

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	157.3	0.0	344.4