Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
Data File : VN074689.D
Acq On : 01 Oct 2022 04:48
Operator : JC\MD
Sample : N4882-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Quant Time: Oct 03 02:11:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:44:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.934	168	520005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1010451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	1026557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	469259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	668613	51.304	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.600%			
35) Dibromofluoromethane	7.869	113	549069	51.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	10.310	98	2122135	47.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.340%			
62) 4-Bromofluorobenzene	12.604	95	697451	48.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.163	59	64401	18.503	ug/l #	72
19) Methyl tert-butyl Ether	5.428	73	186032	5.019	ug/l	99
30) Chloroform	7.657	83	14240	0.710	ug/l	86
40) Benzene	8.310	78	64602	1.224	ug/l	95
42) 1,2-Dichloroethane	8.387	62	32359	1.825	ug/l	95

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

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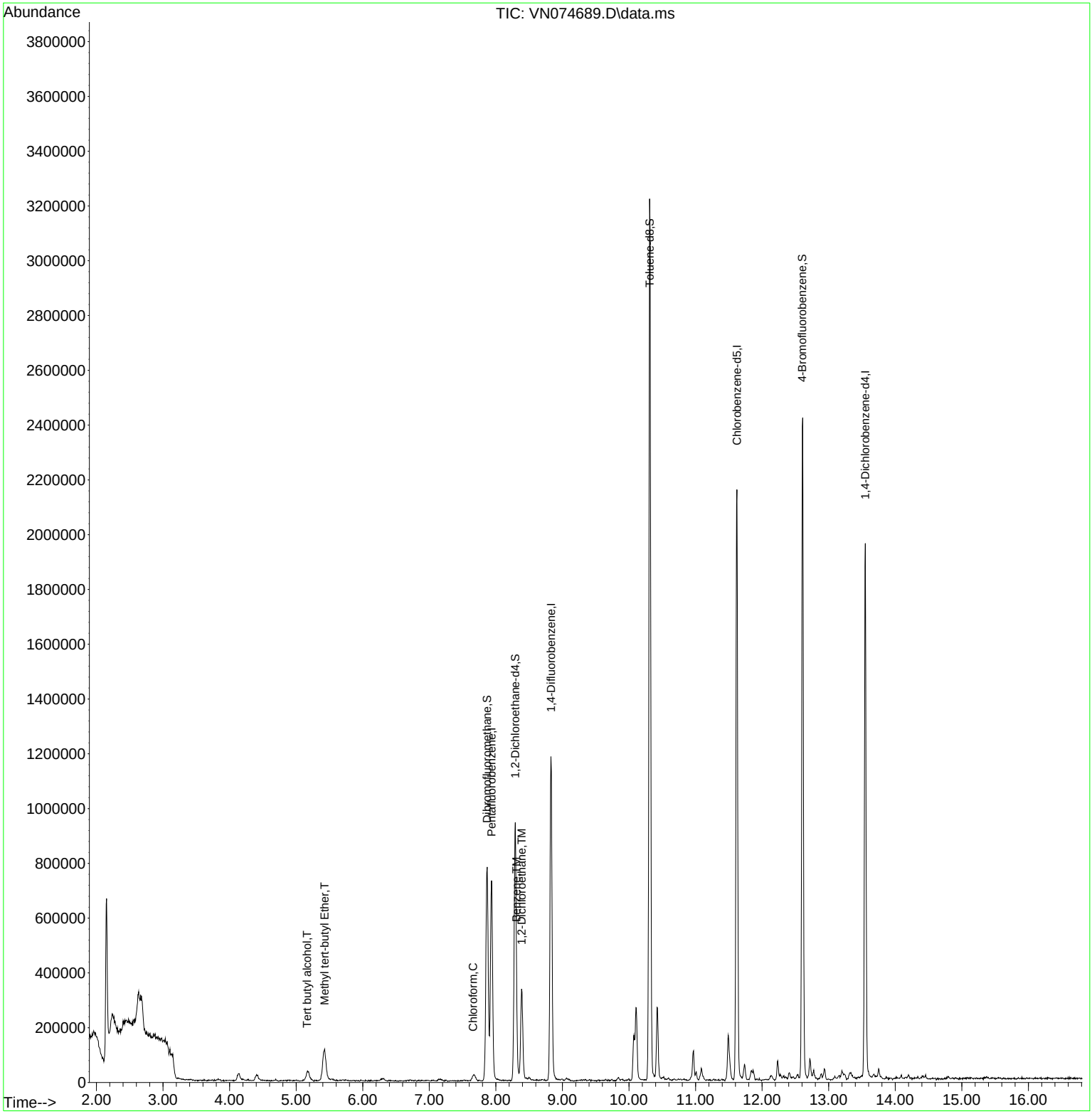
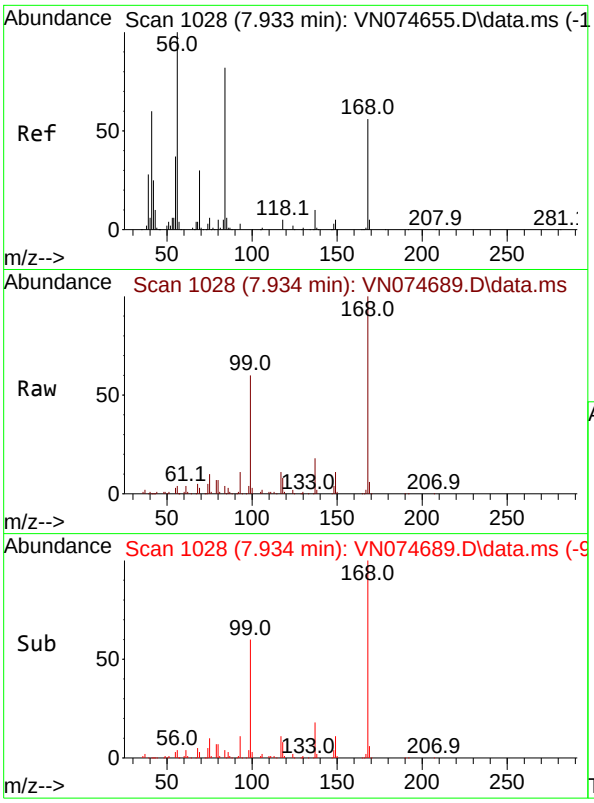


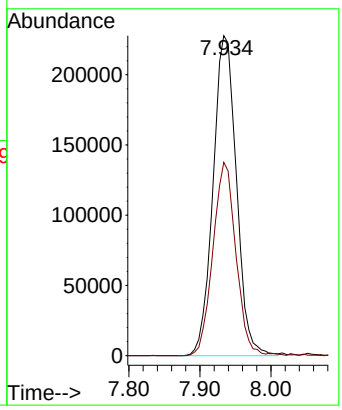


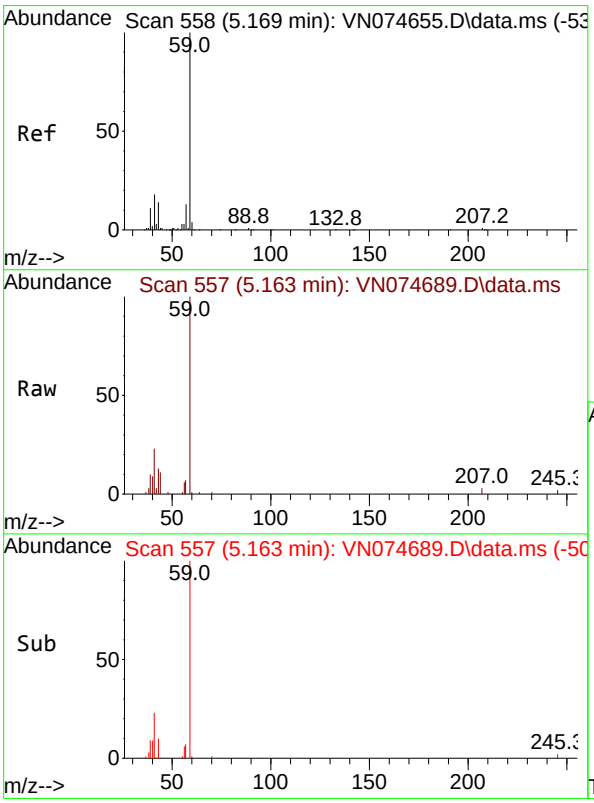
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Tgt Ion:168 Resp: 520005

Ion	Ratio	Lower	Upper
168	100		
99	60.4	42.3	63.5

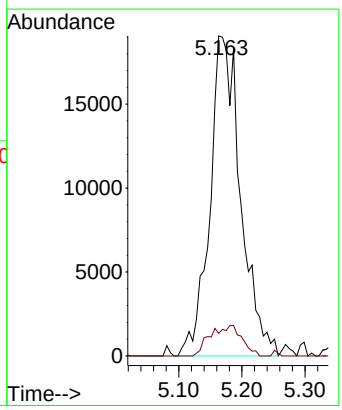


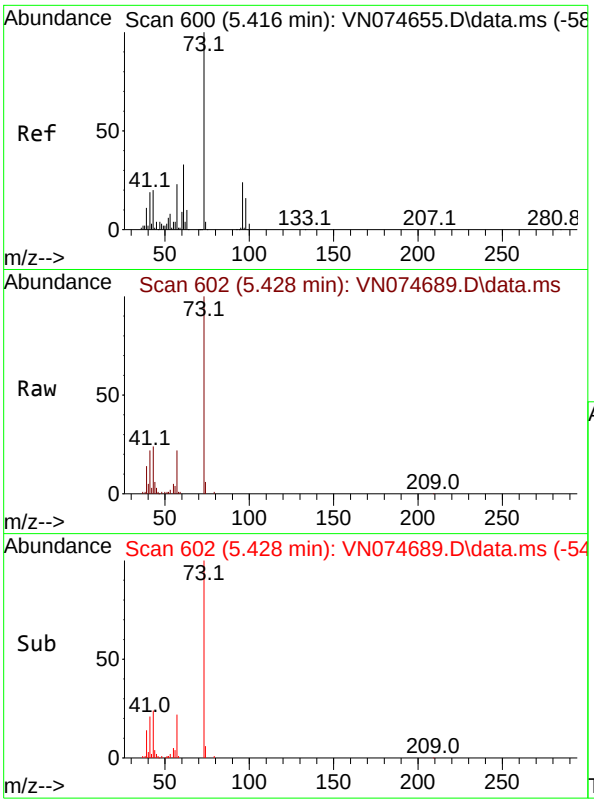


#11
Tert butyl alcohol
Concen: 18.503 ug/l
RT: 5.163 min Scan# 557
Delta R.T. -0.006 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Tgt Ion: 59 Resp: 64401

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



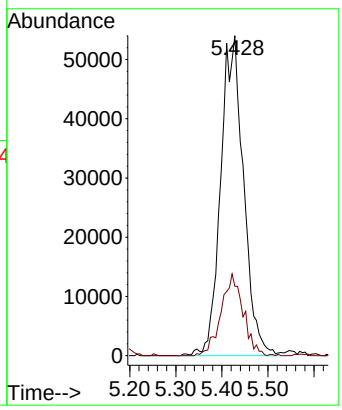


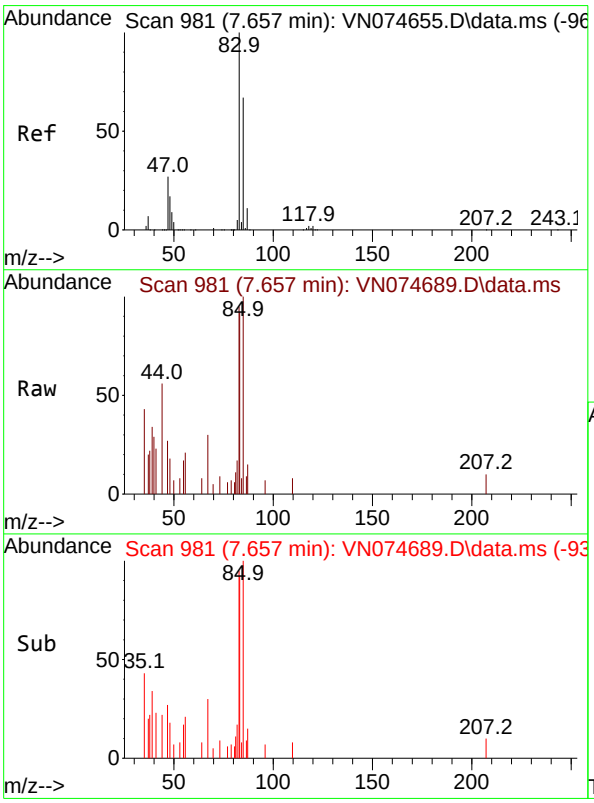
#19
Methyl tert-butyl Ether
Concen: 5.019 ug/l
RT: 5.428 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Tgt Ion: 73 Resp: 186032

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.6	26.4

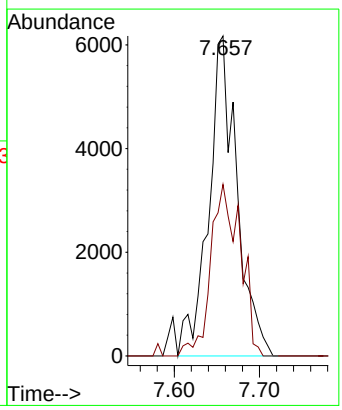


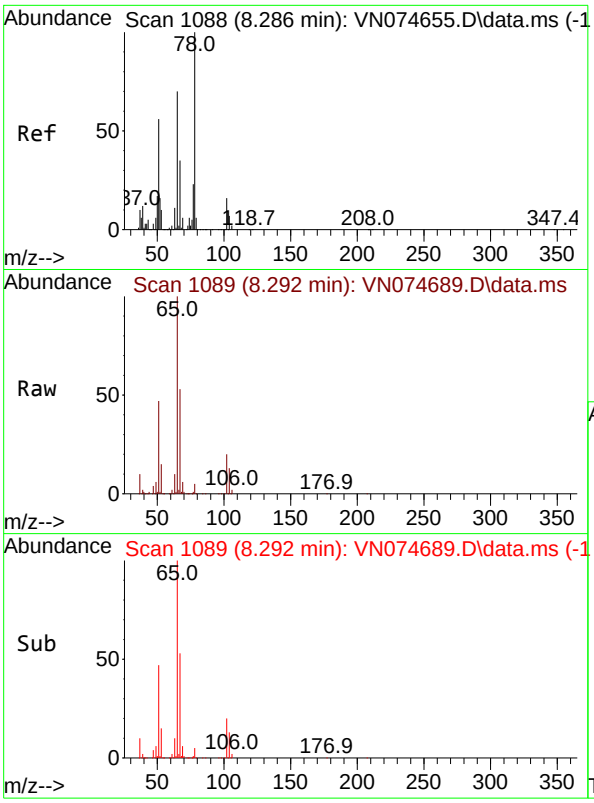


#30
Chloroform
Concen: 0.710 ug/l
RT: 7.657 min Scan# 981
Delta R.T. 0.000 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Tgt Ion: 83 Resp: 14240

Ion	Ratio	Lower	Upper
83	100		
85	53.6	51.8	77.8



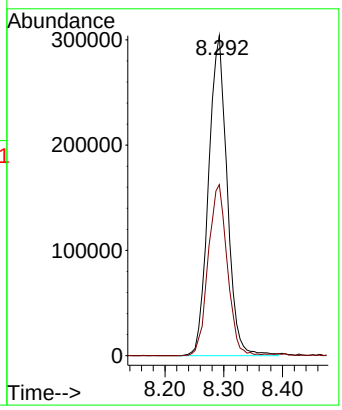


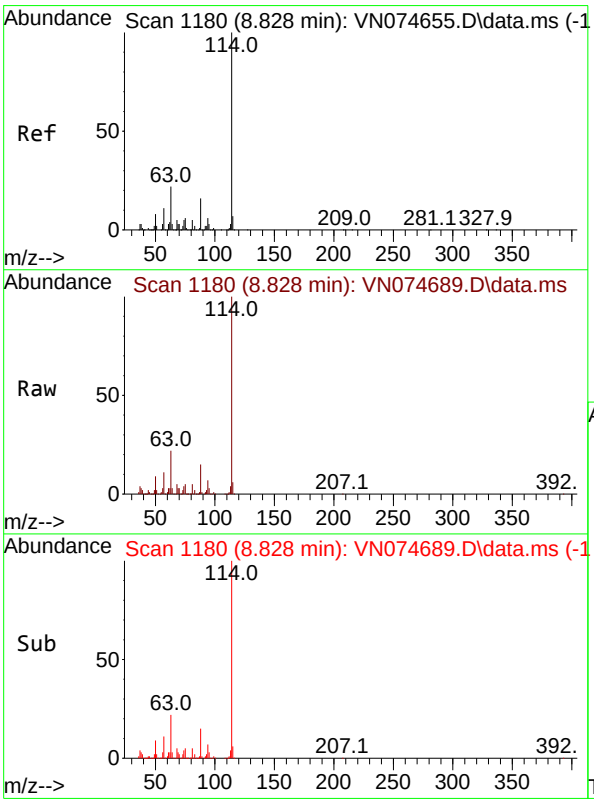
#33
1,2-Dichloroethane-d4
Concen: 51.304 ug/l
RT: 8.292 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Tgt Ion: 65 Resp: 668613

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	104.8

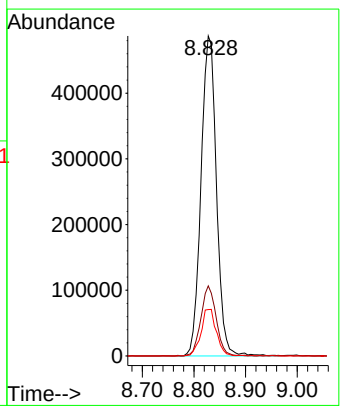


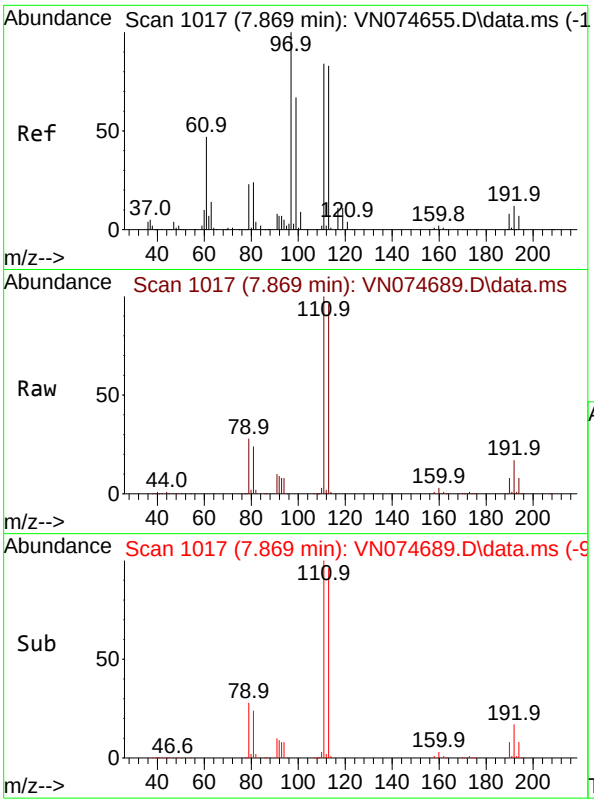


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.828 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Tgt Ion:114 Resp: 1010451

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.0
88	14.5	0.0	32.6



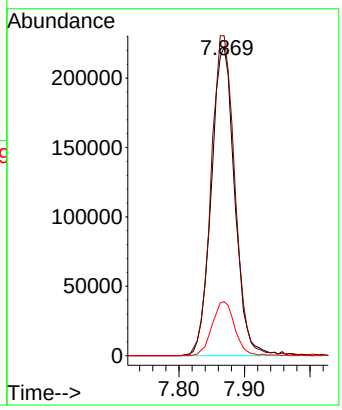


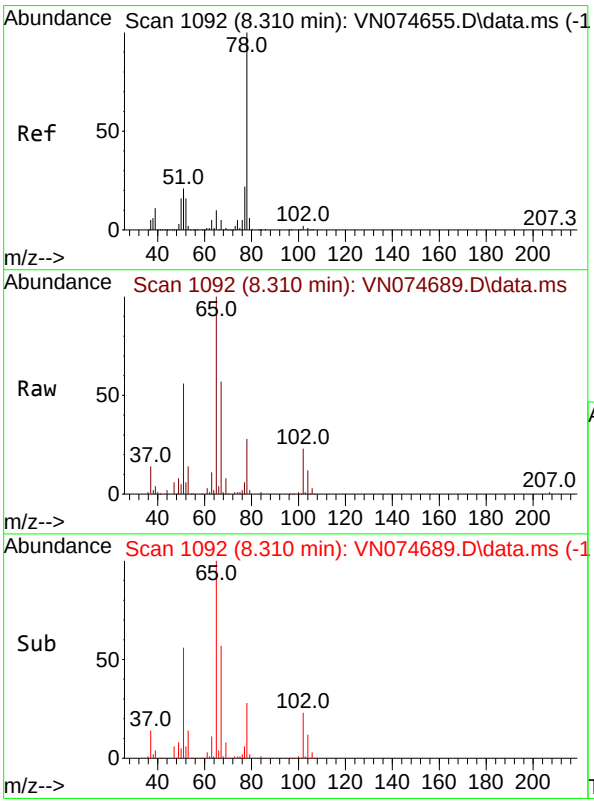
#35
Dibromofluoromethane
Concen: 51.338 ug/l
RT: 7.869 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Tgt Ion:113 Resp: 549069

Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.4	122.0
192	16.8	17.0	25.6#

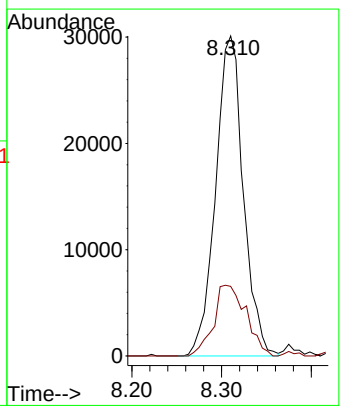


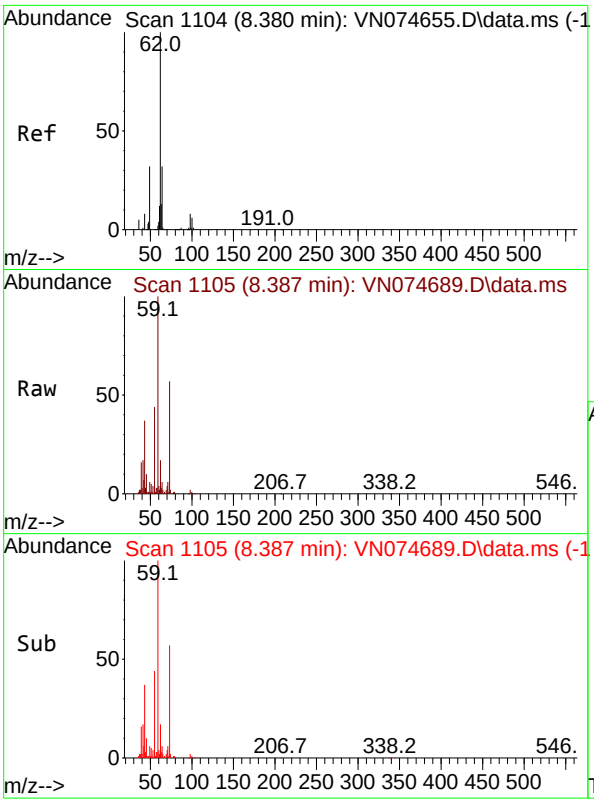


#40
Benzene
Concen: 1.224 ug/l
RT: 8.310 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Tgt Ion: 78 Resp: 64602

Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.4	29.0



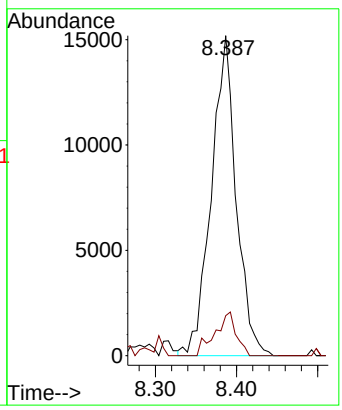


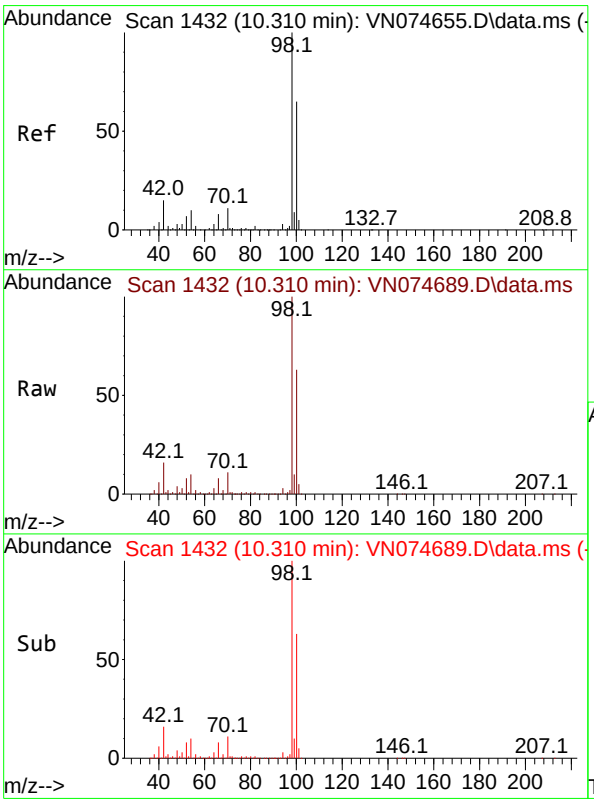
#42
1,2-Dichloroethane
Concen: 1.825 ug/l
RT: 8.387 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Tgt Ion: 62 Resp: 32359

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	19.4

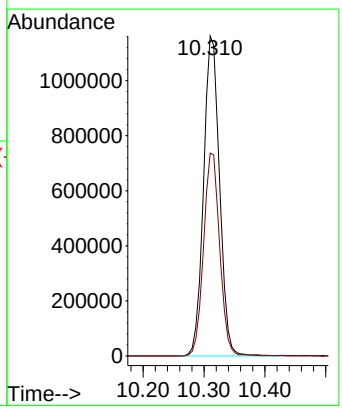


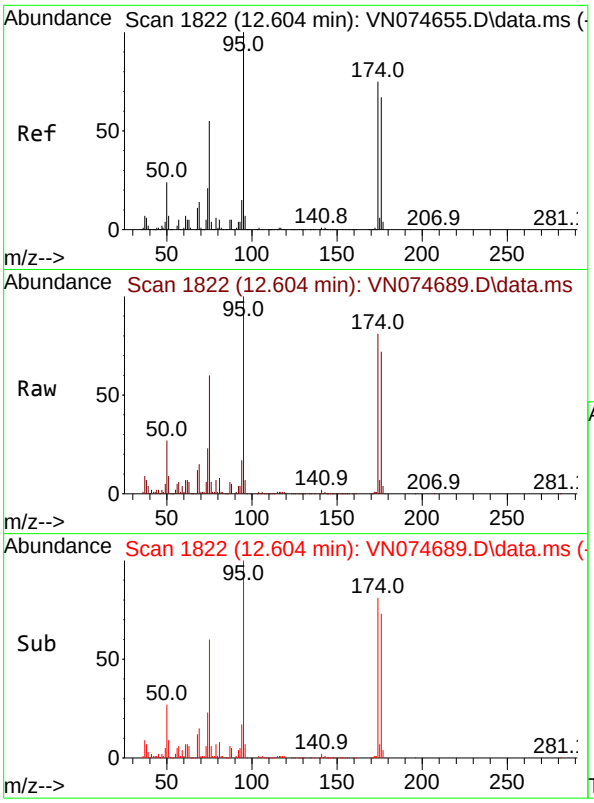


#50
Toluene-d8
Concen: 47.172 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Tgt Ion: 98 Resp: 2122135

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.6	78.8



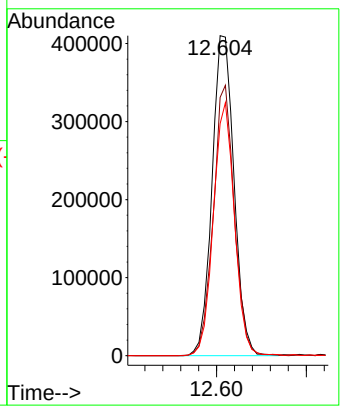


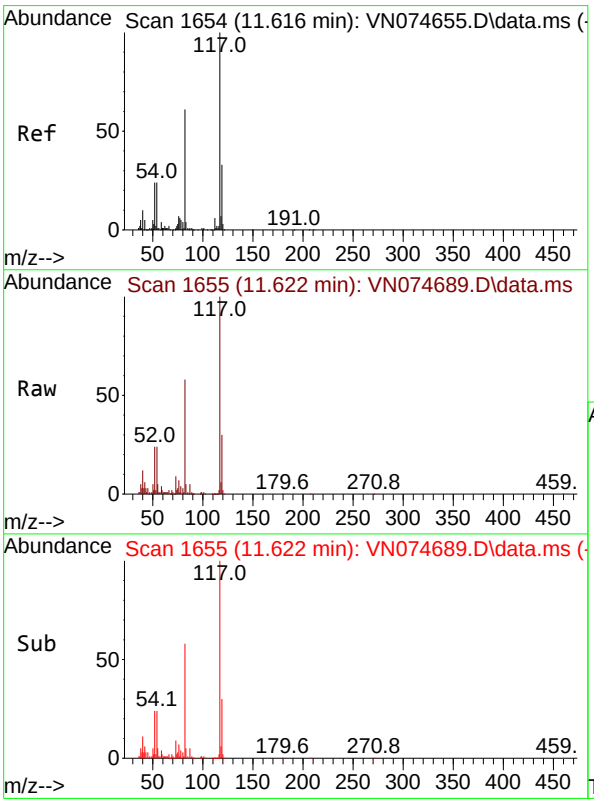
#62
4-Bromofluorobenzene
Concen: 48.893 ug/l
RT: 12.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Tgt Ion: 95 Resp: 697451

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	167.6
176	76.0	0.0	163.4

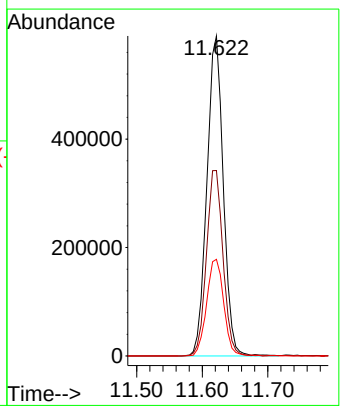


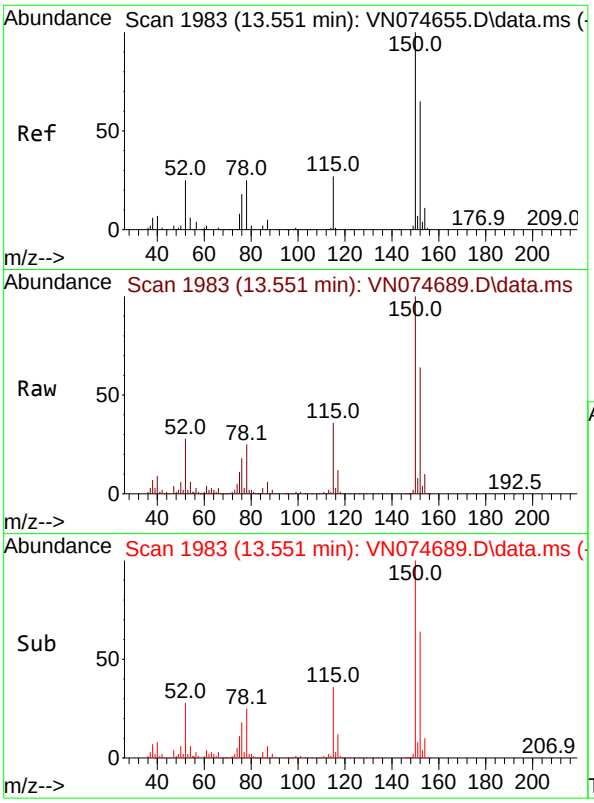


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.622 min Scan# 1655
Delta R.T. 0.006 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Tgt Ion:117 Resp: 1026557

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.2	66.2
119	30.2	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074689.D
Acq: 01 Oct 2022 04:48

Instrument :
MSVOA_N
ClientSampleId :
MW-101

Tgt Ion:152 Resp: 469259

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.9	86.7
150	158.2	0.0	356.2