Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
Data File : VN080469.D
Acq On : 13 Dec 2023 18:03
Operator : JC\MD
Sample : 05791-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Quant Time: Dec 14 04:10:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	249067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159743	50.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.165	113	135703	47.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	10.571	98	477718	45.049	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.100%			
62) 4-Bromofluorobenzene	12.847	95	196325	48.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.520%			
Target Compounds						Qvalue
16) Acetone	4.424	43	11755	20.840	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	35685	3.995	ug/l	99
20) Methylene Chloride	5.265	84	3597	1.192	ug/l #	72
30) Chloroform	7.971	83	116079	20.963	ug/l	91
47) Bromodichloromethane	9.894	83	3759	0.775	ug/l	93

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

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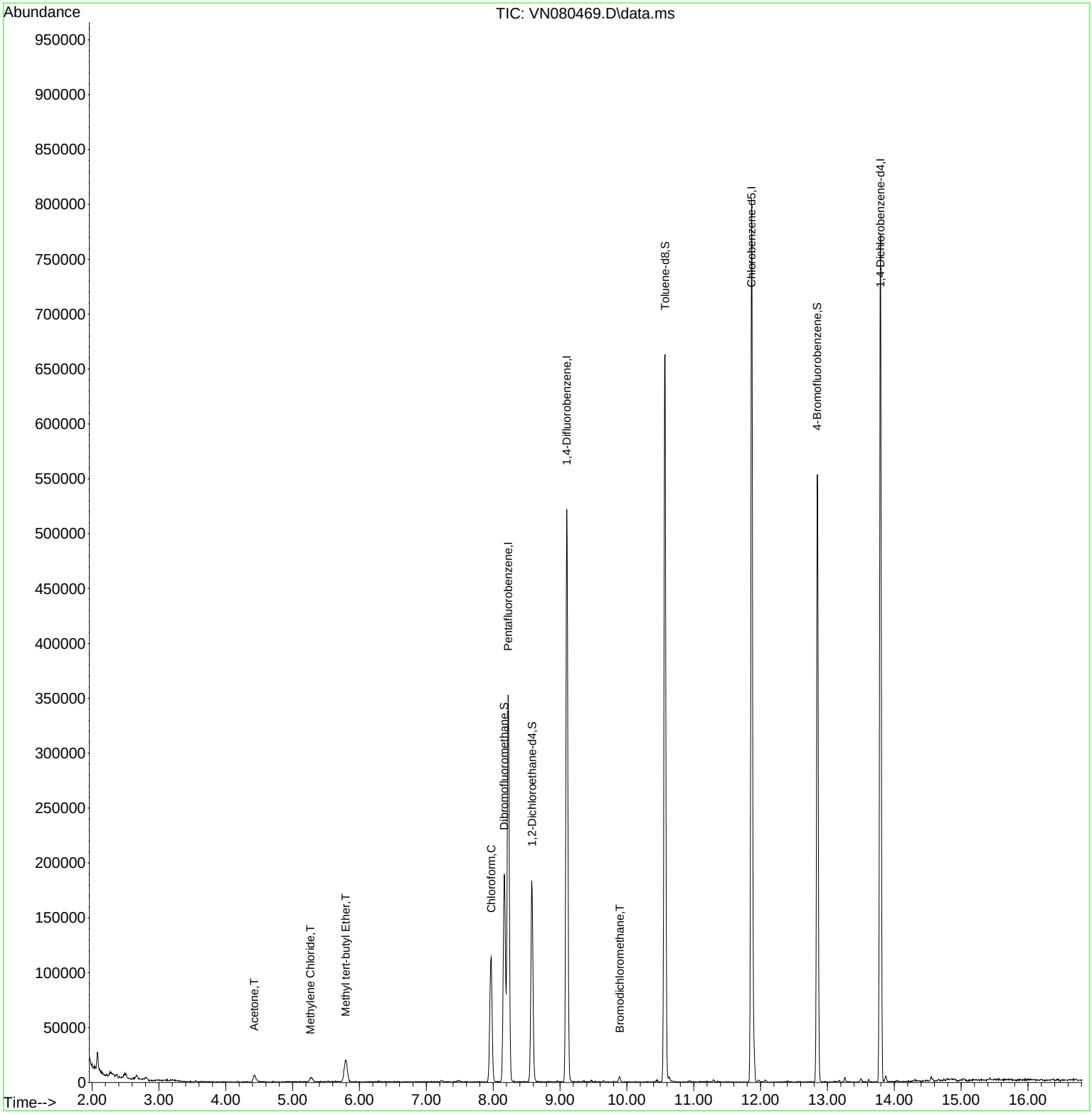
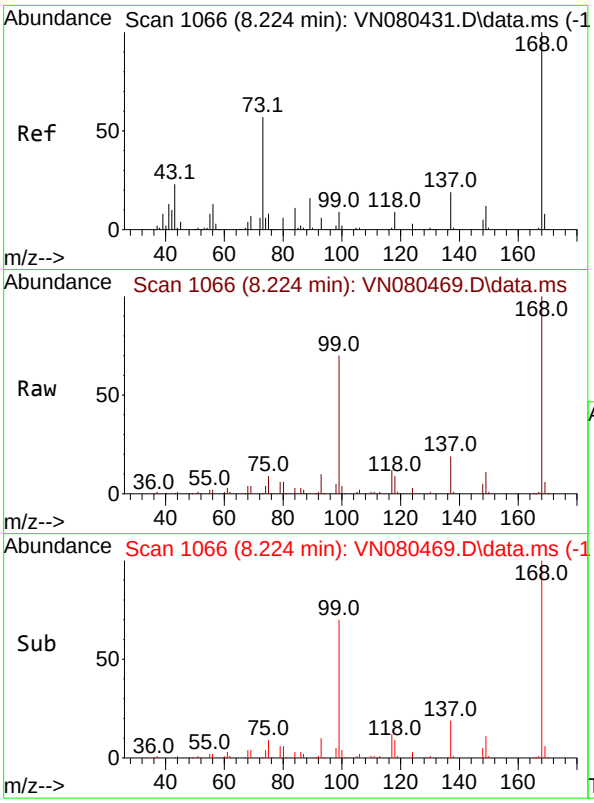


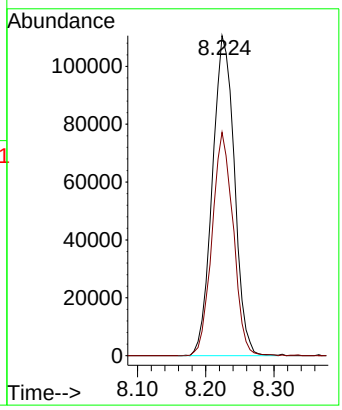


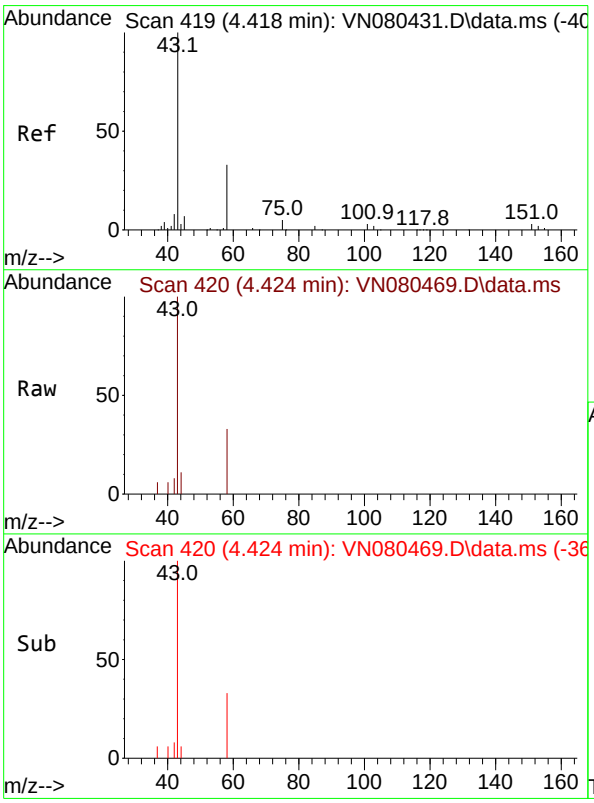
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Tgt Ion:168 Resp: 249067

Ion	Ratio	Lower	Upper
168	100		
99	69.8	53.0	79.6

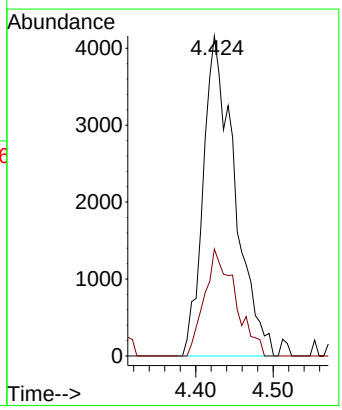


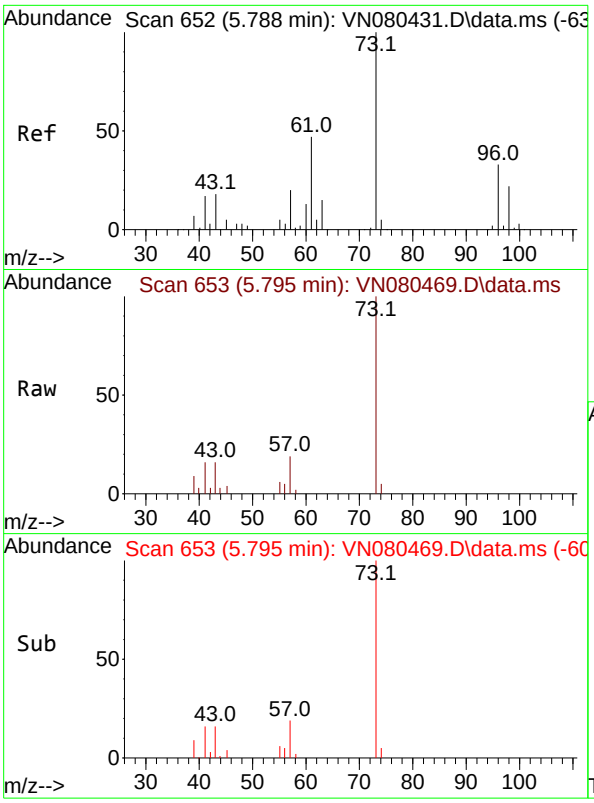


#16
Acetone
Concen: 20.840 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Tgt Ion: 43 Resp: 11755

Ion	Ratio	Lower	Upper
43	100		
58	33.4	28.0	42.0



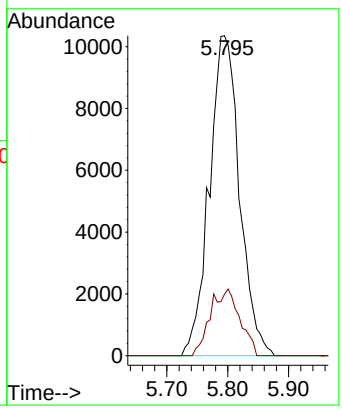


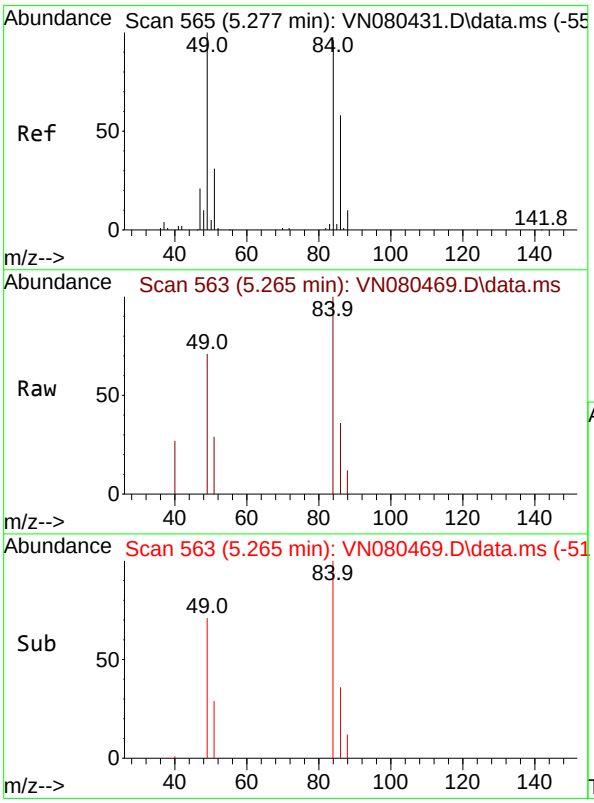
#19
Methyl tert-butyl Ether
Concen: 3.995 ug/l
RT: 5.795 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Tgt Ion: 73 Resp: 35685

Ion	Ratio	Lower	Upper
73	100		
57	19.2	15.6	23.4

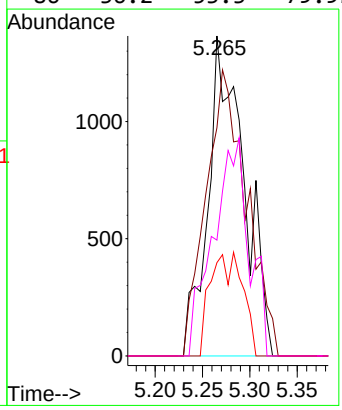


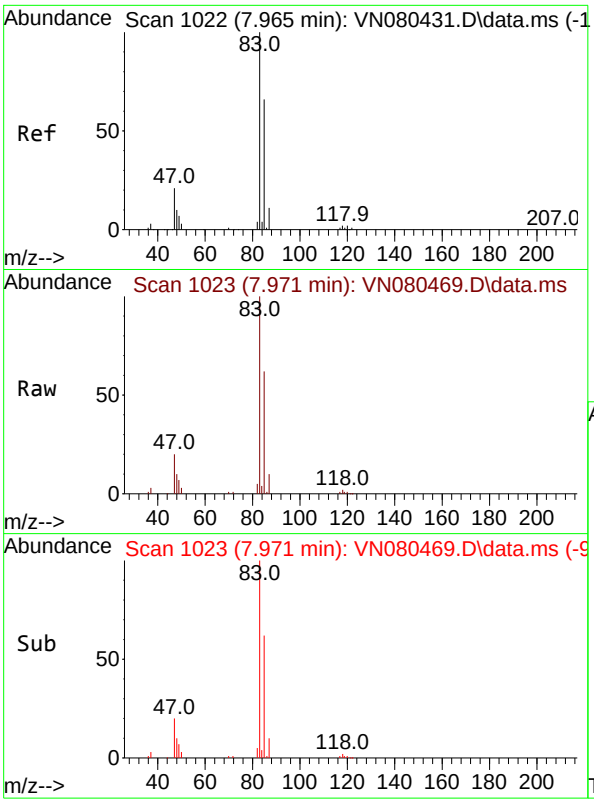


#20
Methylene Chloride
Concen: 1.192 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.011 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Tgt Ion: 84 Resp: 3597

Ion	Ratio	Lower	Upper
84	100		
49	71.3	79.7	119.5#
51	29.2	25.2	37.8
86	36.2	53.3	79.9#



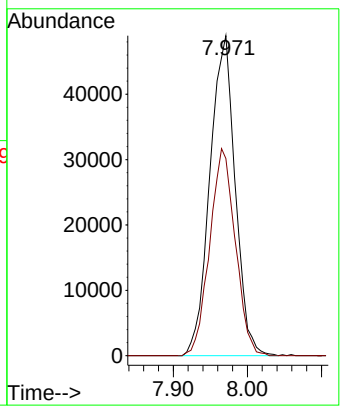


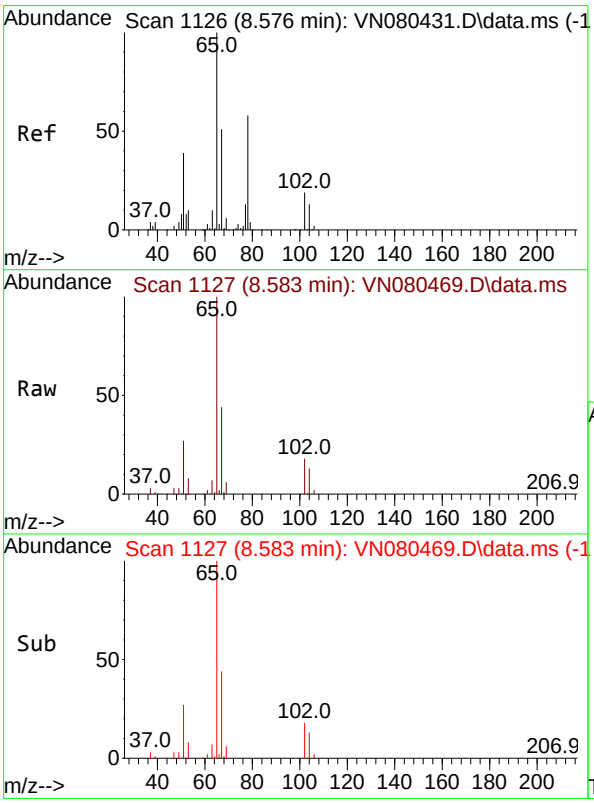
#30
Chloroform
Concen: 20.963 ug/l
RT: 7.971 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Tgt Ion: 83 Resp: 116079

Ion	Ratio	Lower	Upper
83	100		
85	61.6	55.4	83.0

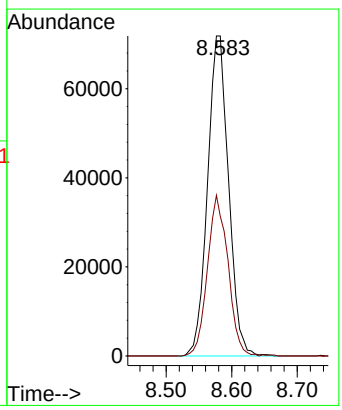


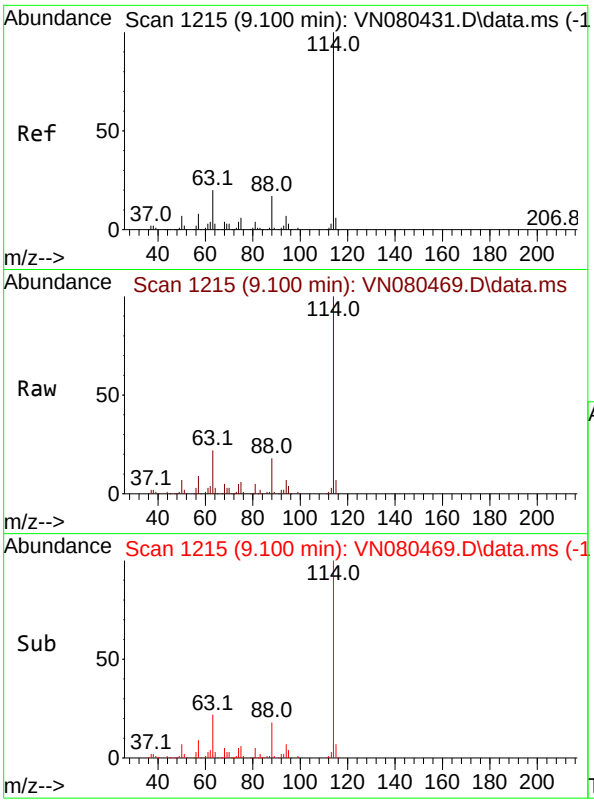


#33
1,2-Dichloroethane-d4
Concen: 50.215 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Tgt Ion: 65 Resp: 159743

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	106.6



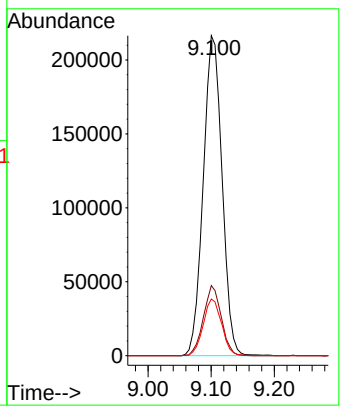


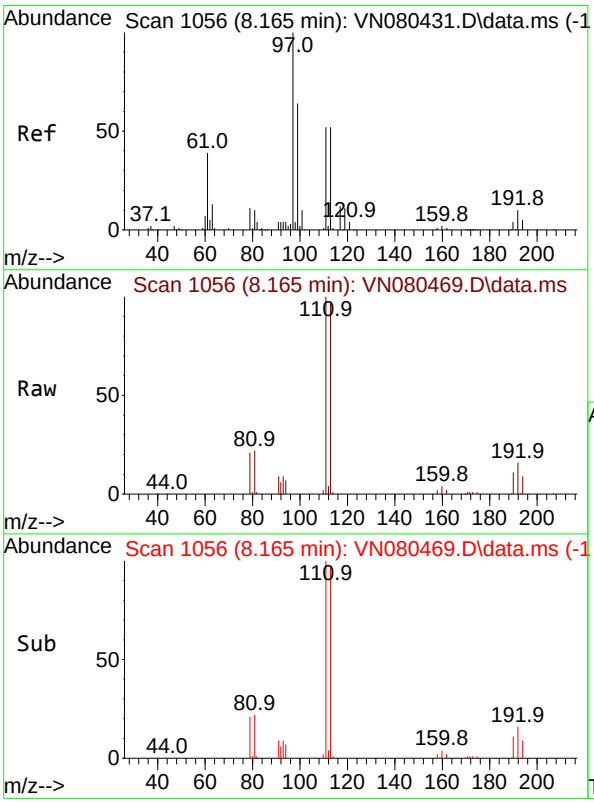
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Tgt Ion:114 Resp: 448453

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	36.4
88	17.7	0.0	30.6

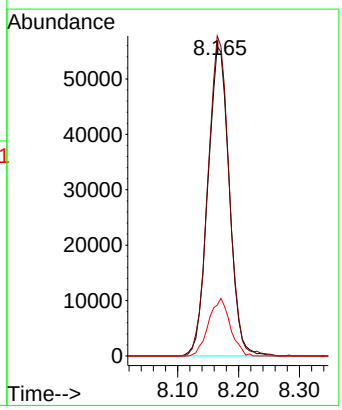


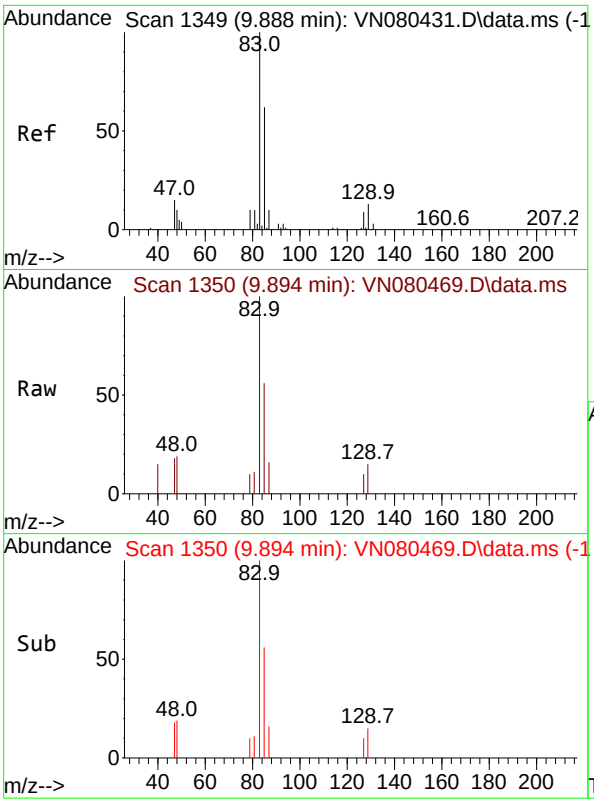


#35
Dibromofluoromethane
Concen: 47.726 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Tgt Ion:113 Resp: 135703

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	18.8	12.7	19.1



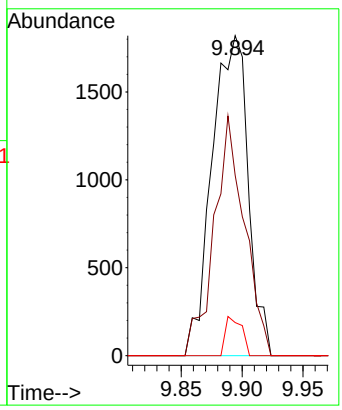


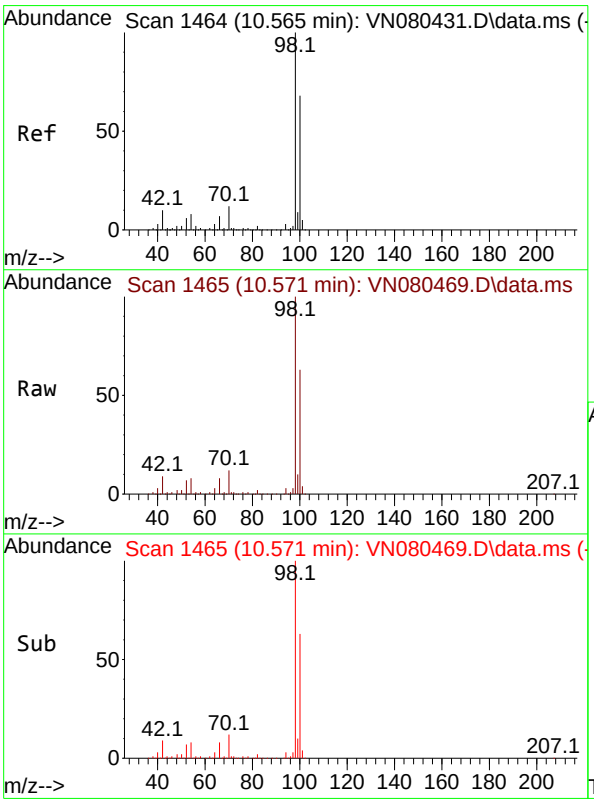
#47
Bromodichloromethane
Concen: 0.775 ug/l
RT: 9.894 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Tgt Ion: 83 Resp: 3759

Ion	Ratio	Lower	Upper
83	100		
85	56.4	49.6	74.4
127	10.3	7.0	10.6

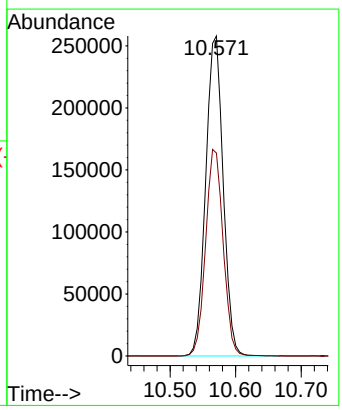


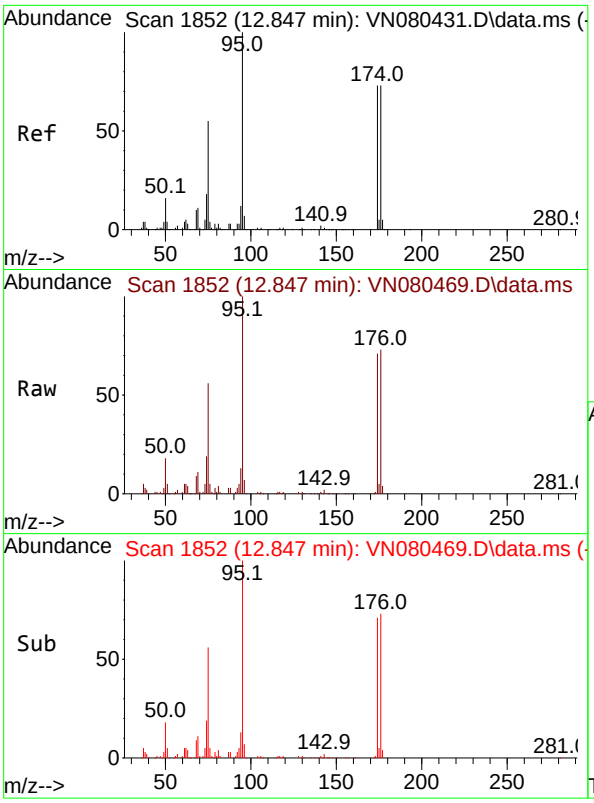


#50
Toluene-d8
Concen: 45.049 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Tgt Ion: 98 Resp: 477718

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0



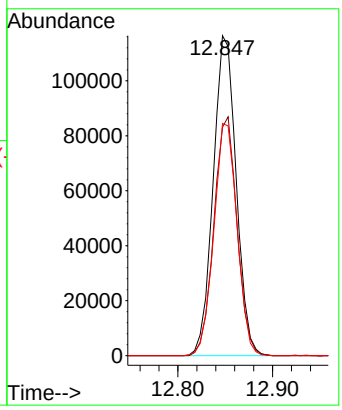


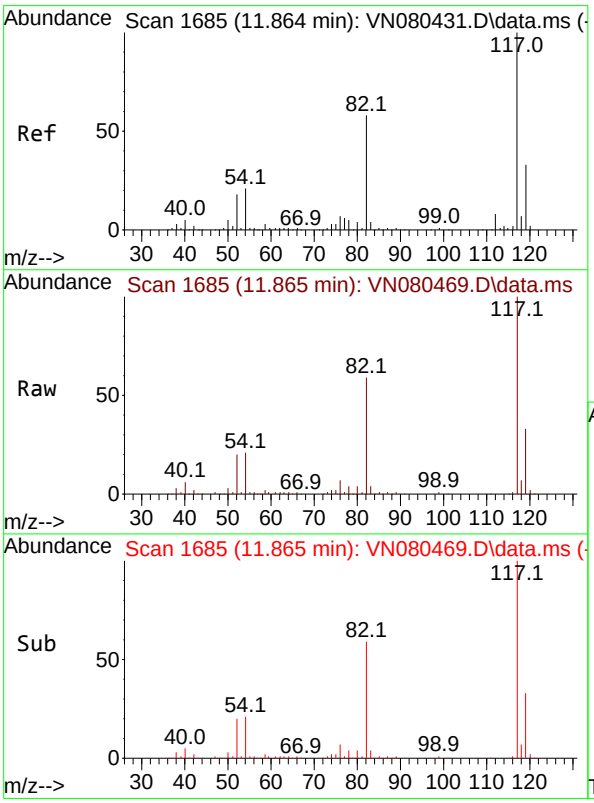
#62
4-Bromofluorobenzene
Concen: 48.755 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Tgt Ion: 95 Resp: 196325

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	143.8
176	73.2	0.0	135.8

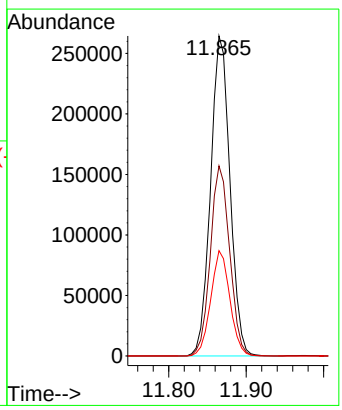


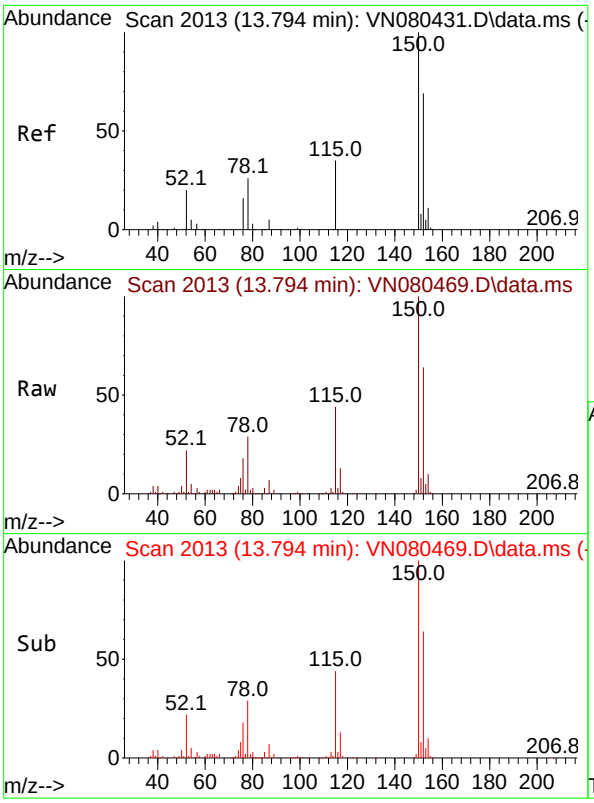


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Tgt Ion:117 Resp: 460407

Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.0	66.0
119	32.9	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080469.D
Acq: 13 Dec 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-U-DD

Tgt Ion:152 Resp: 208552

Ion	Ratio	Lower	Upper
152	100		
115	65.5	32.3	96.8
150	156.6	0.0	355.8