Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
Data File : VN080946.D
Acq On : 07 Feb 2024 19:15
Operator : JC\MD
Sample : P1372-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Quant Time: Feb 08 00:31:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	256724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	671116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186741	57.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.320%			
35) Dibromofluoromethane	8.171	113	177436	57.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.240%			
50) Toluene-d8	10.570	98	648171	58.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 116.380%#			
62) 4-Bromofluorobenzene	12.853	95	281715	69.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 139.240%#			
Target Compounds						Qvalue
16) Acetone	4.436	43	6646	6.237	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	12030	3.351	ug/l	81
30) Chloroform	7.971	83	5174	0.850	ug/l	88
44) Trichloroethene	9.353	130	7974	1.883	ug/l	92
64) Tetrachloroethene	11.106	164	130780	25.817	ug/l	89

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

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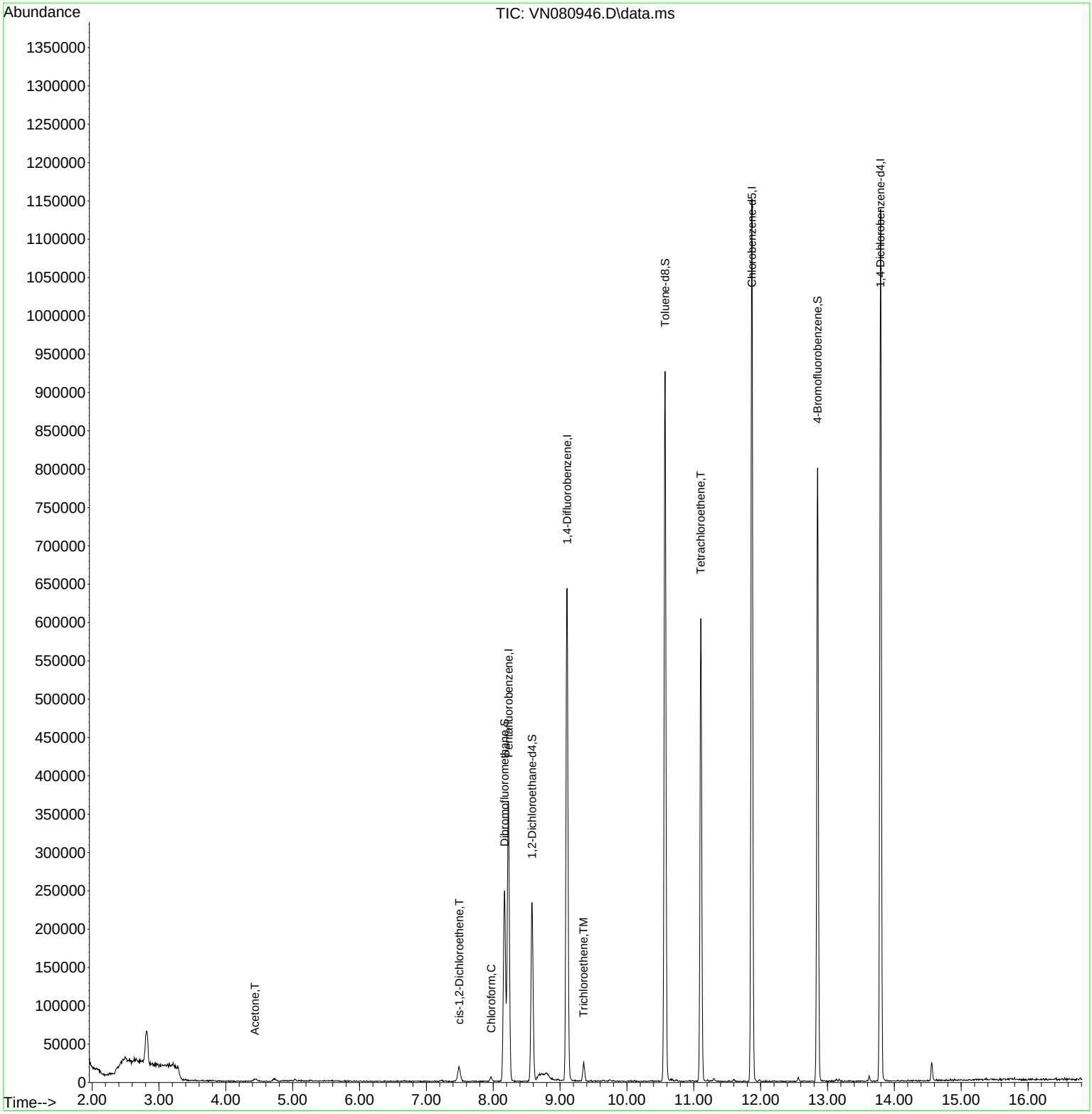
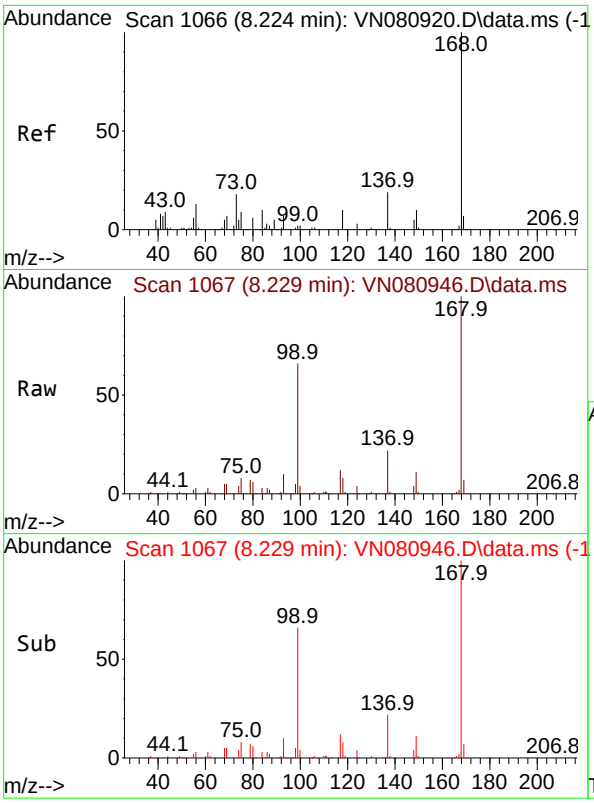


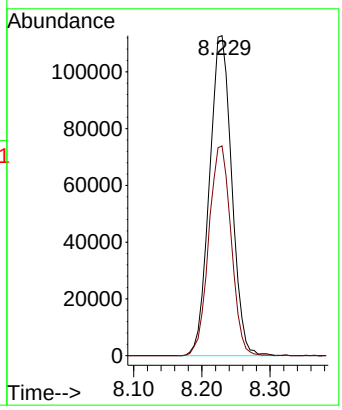


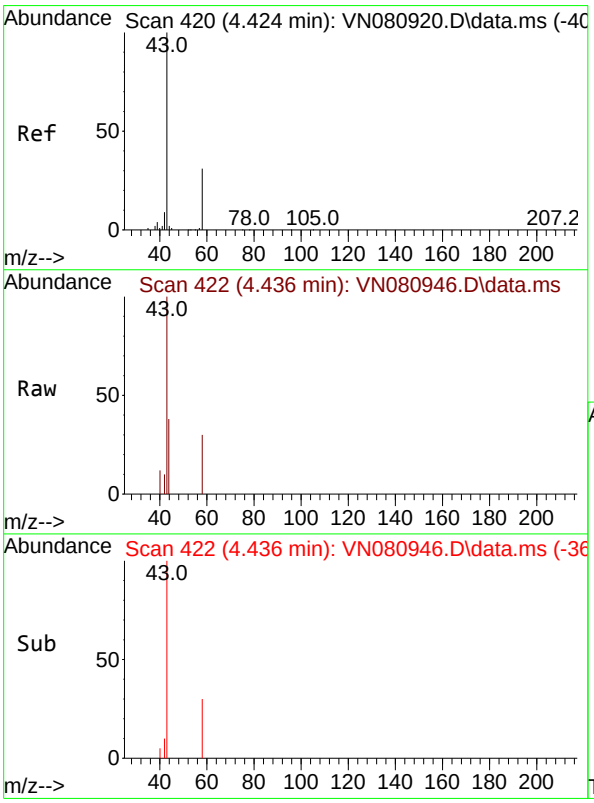
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Tgt Ion:168 Resp: 256724

Ion	Ratio	Lower	Upper
168	100		
99	65.6	59.9	89.9

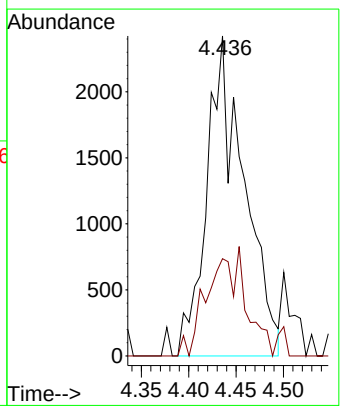


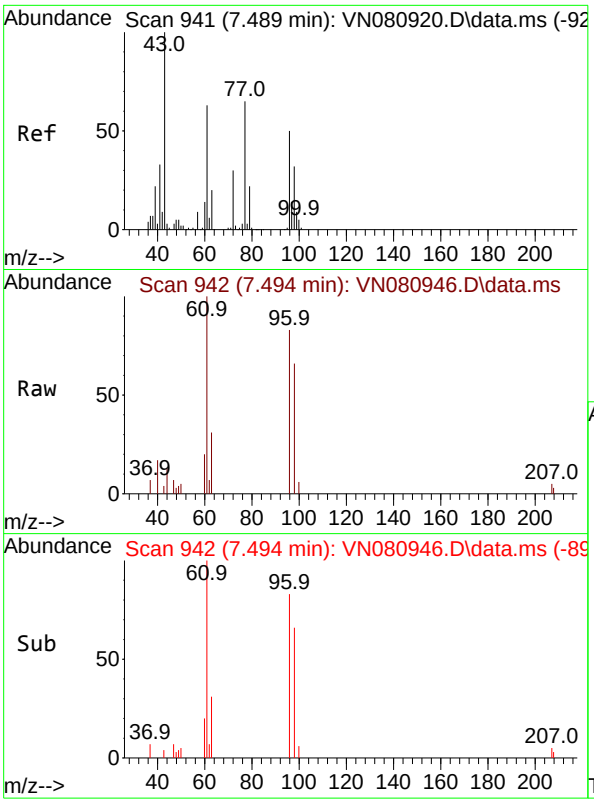


#16
Acetone
Concen: 6.237 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 43 Resp: 6646

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2



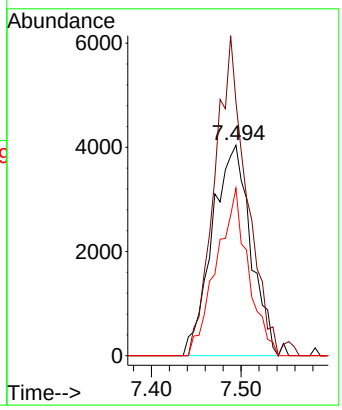


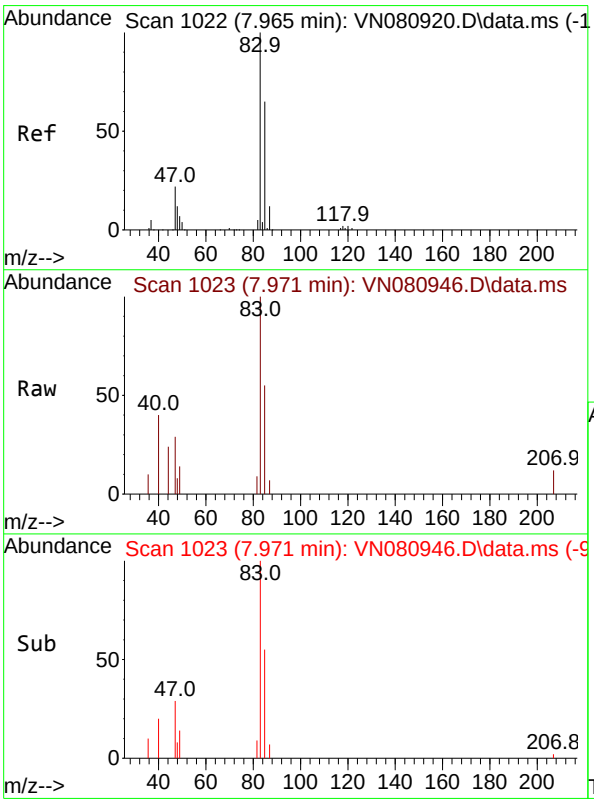
#27
cis-1,2-Dichloroethene
Concen: 3.351 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Tgt Ion: 96 Resp: 12030

Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	325.4
98	65.8	0.0	130.4

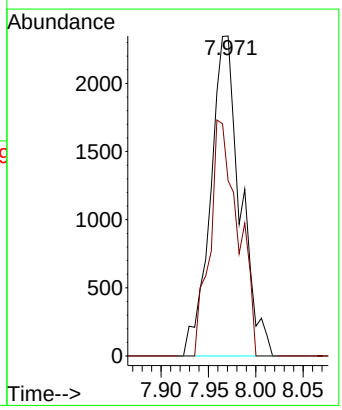


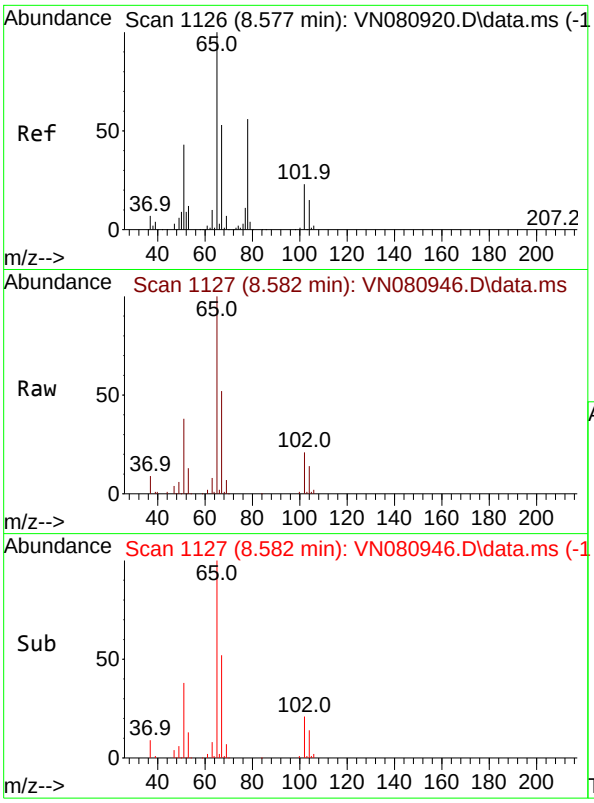


#30
Chloroform
Concen: 0.850 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 83 Resp: 5174

Ion	Ratio	Lower	Upper
83	100		
85	54.8	51.0	76.6



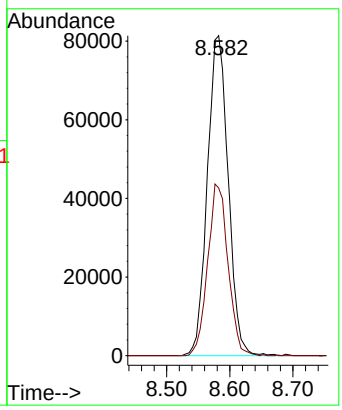


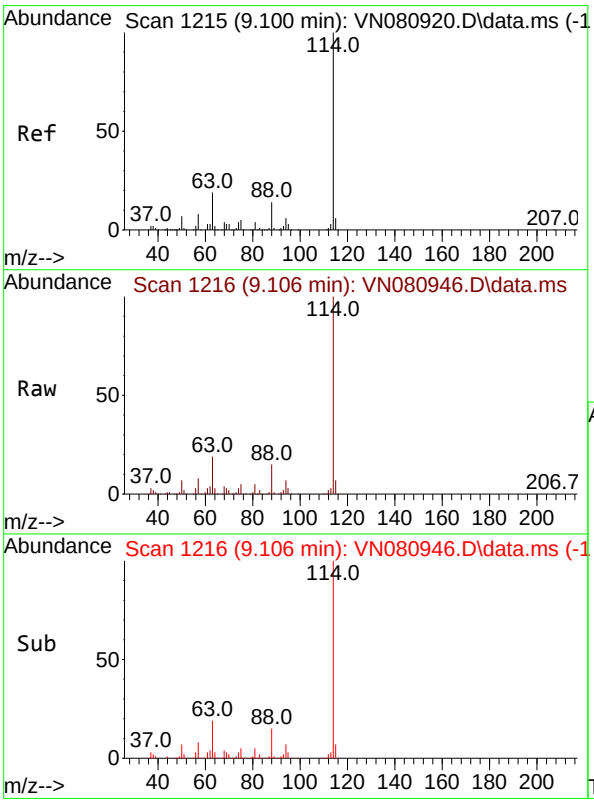
#33
1,2-Dichloroethane-d4
Concen: 57.661 ug/l
RT: 8.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Tgt Ion: 65 Resp: 186741

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.4

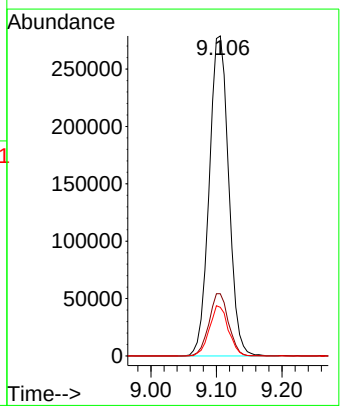


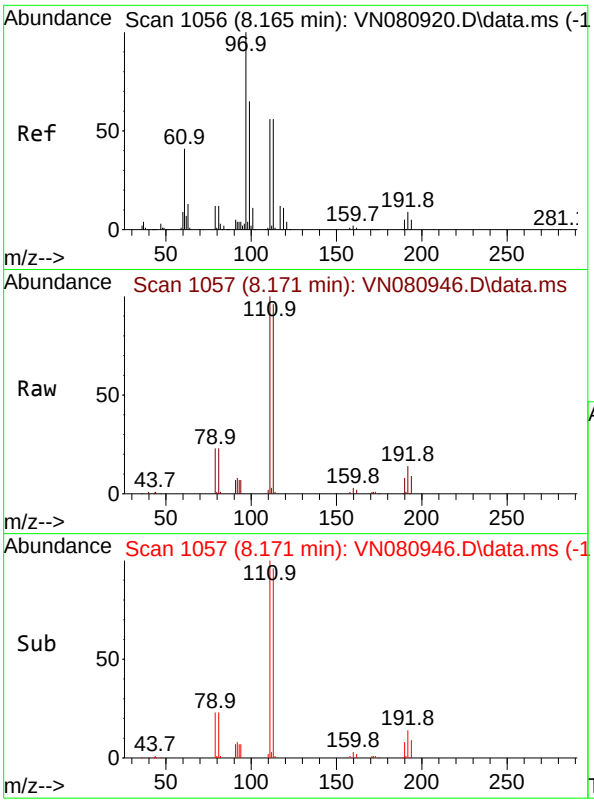


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion:114 Resp: 573896

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	48.0
88	15.2	0.0	34.8



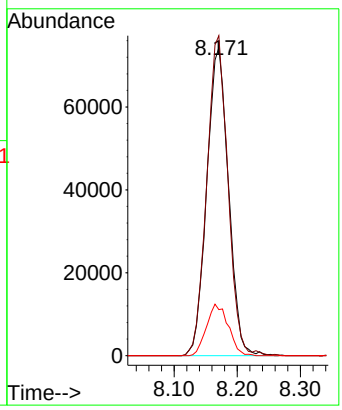


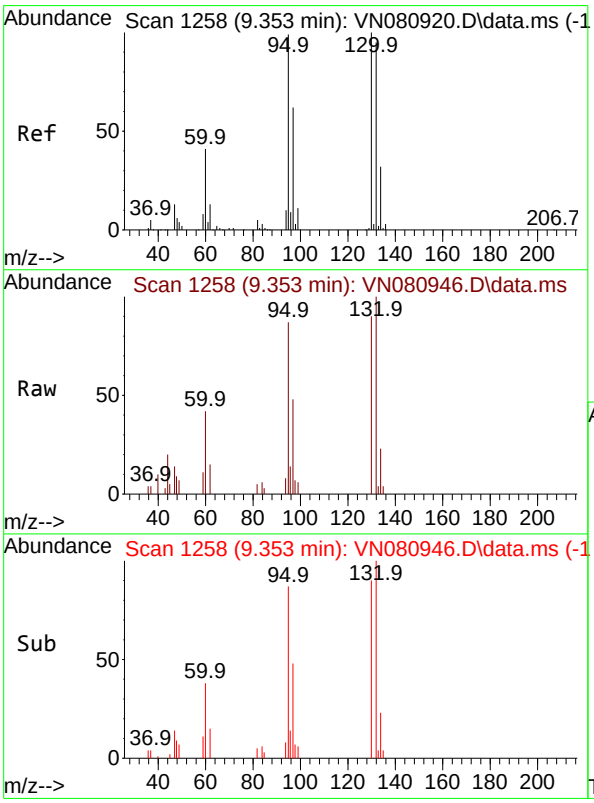
#35
Dibromofluoromethane
Concen: 57.618 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Tgt Ion:113 Resp: 177436

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	16.8	12.5	18.7

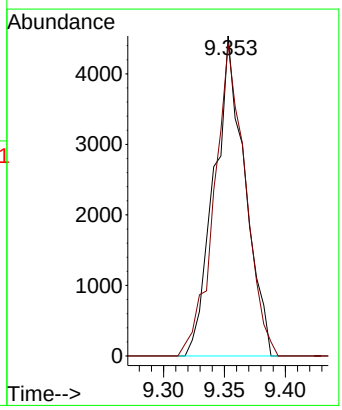


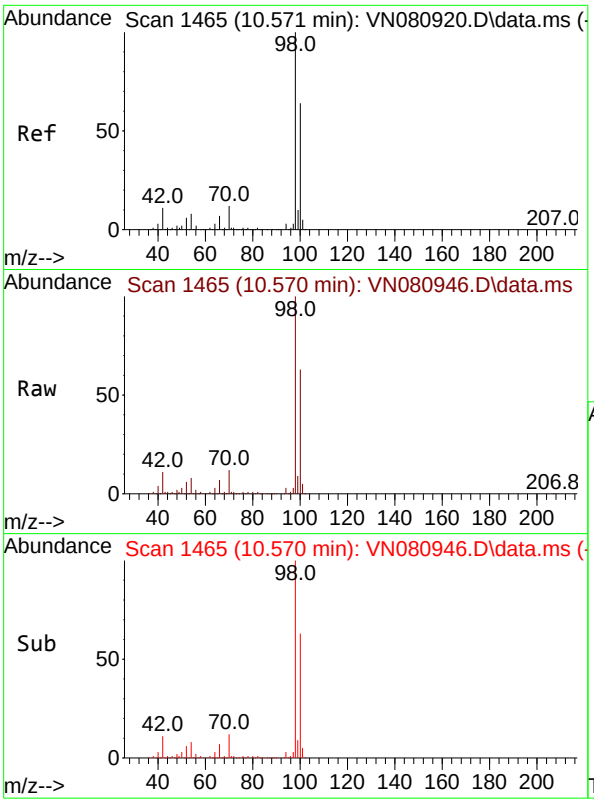


#44
Trichloroethene
Concen: 1.883 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion:130 Resp: 7974

Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	210.4



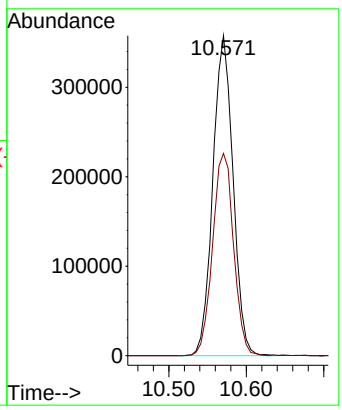


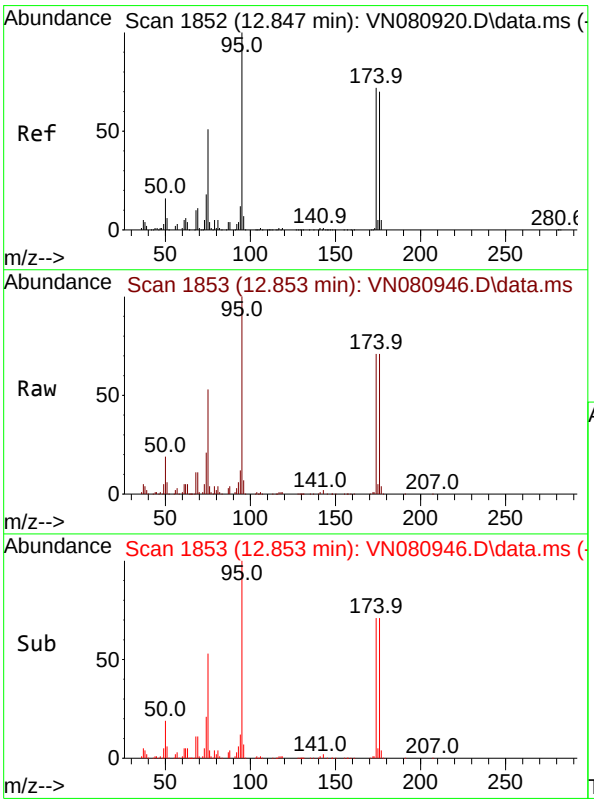
#50
Toluene-d8
Concen: 58.190 ug/l
RT: 10.570 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Tgt Ion: 98 Resp: 648171

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.4	77.0

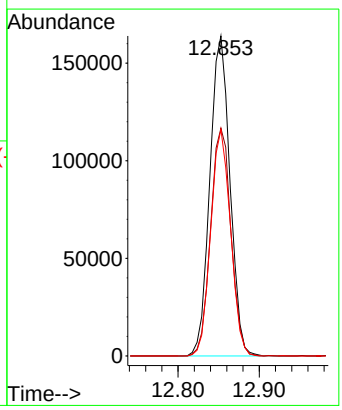


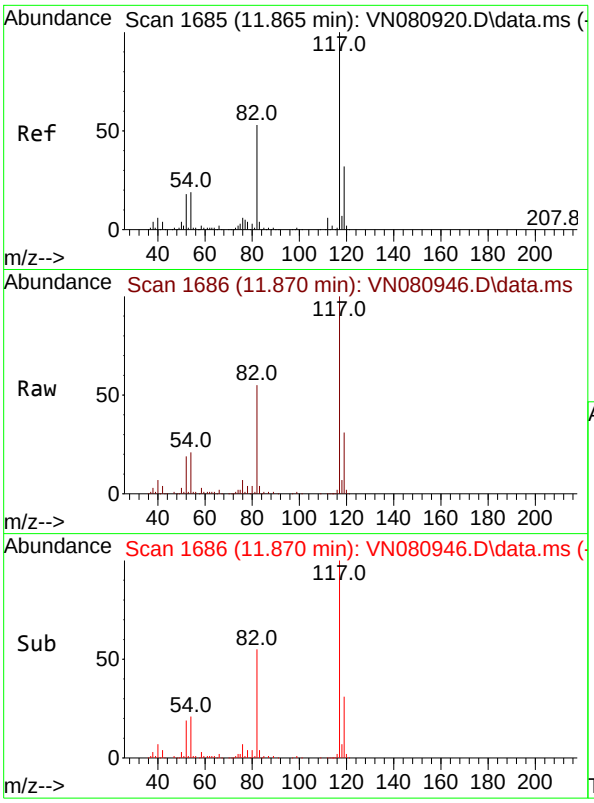


#62
4-Bromofluorobenzene
Concen: 69.619 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion: 95 Resp: 281715

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	120.4
176	69.6	0.0	121.0



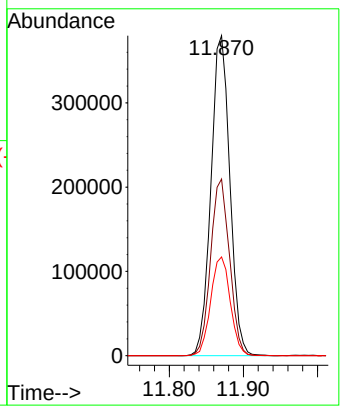


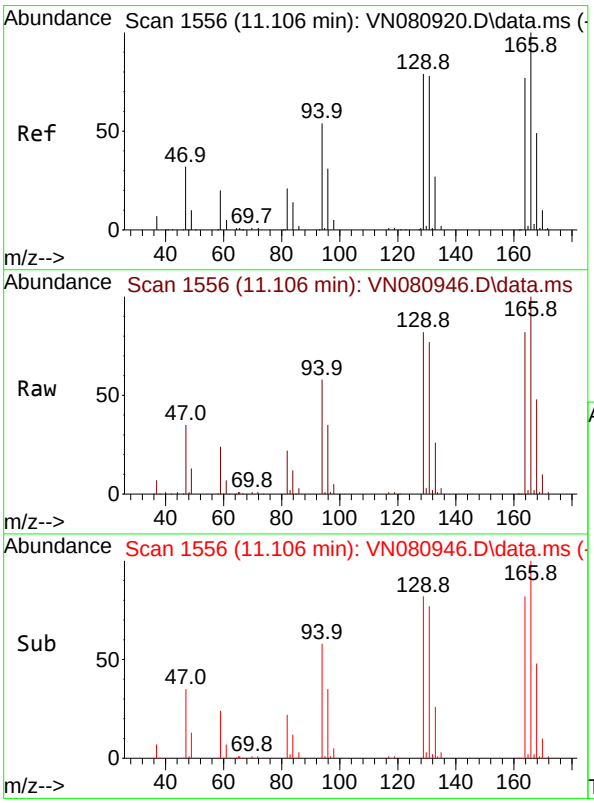
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Tgt Ion:117 Resp: 671116

Ion	Ratio	Lower	Upper
117	100		
82	55.2	52.7	79.1
119	30.9	25.3	37.9

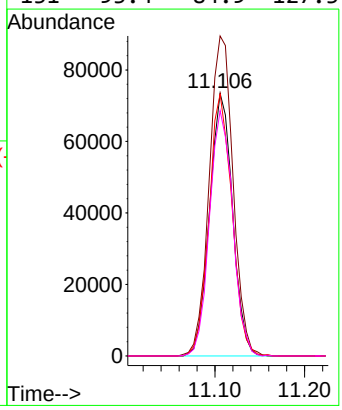


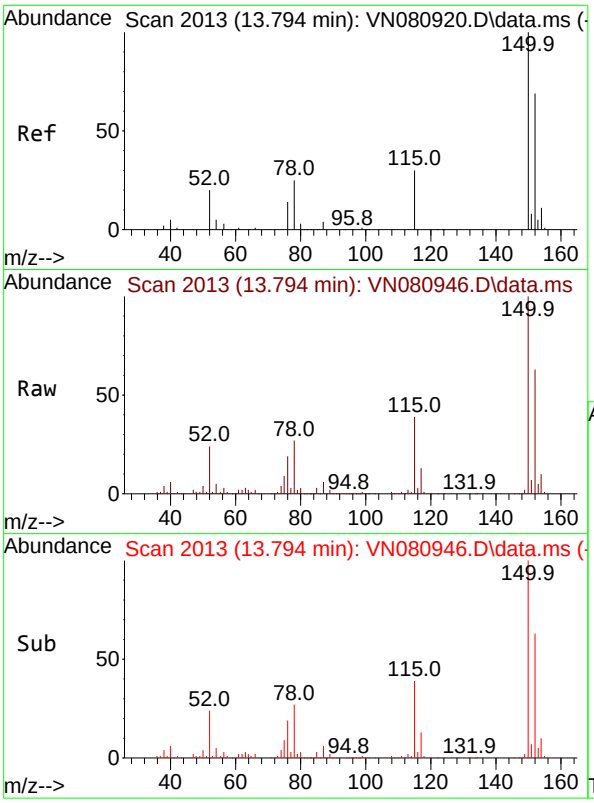


#64
Tetrachloroethene
Concen: 25.817 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Tgt Ion:164 Resp: 130780

Ion	Ratio	Lower	Upper
164	100		
166	121.8	105.8	158.6
129	99.7	89.6	134.4
131	93.4	84.9	127.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN080946.D
Acq: 07 Feb 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63

Tgt Ion:152 Resp: 292692

Ion	Ratio	Lower	Upper
152	100		
115	62.9	32.3	96.8
150	159.4	0.0	339.8