Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
Data File : VN078085.D
Acq On : 06 Jun 2023 23:46
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 07 05:05:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	396209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	720115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	609976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	254474	48.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.340%		
35) Dibromofluoromethane	8.177	113	224237	49.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	10.571	98	857472	48.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.853	95	238623	43.729	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.460%		
Target Compounds						Qvalue
3) Chloromethane	2.377	50	1361	Below Cal		99
75) 1,1,2,2-Tetrachloroethane	12.947	83	160	Below Cal	#	69
94) Hexachlorobutadiene	15.506	225	382	Below Cal		82

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

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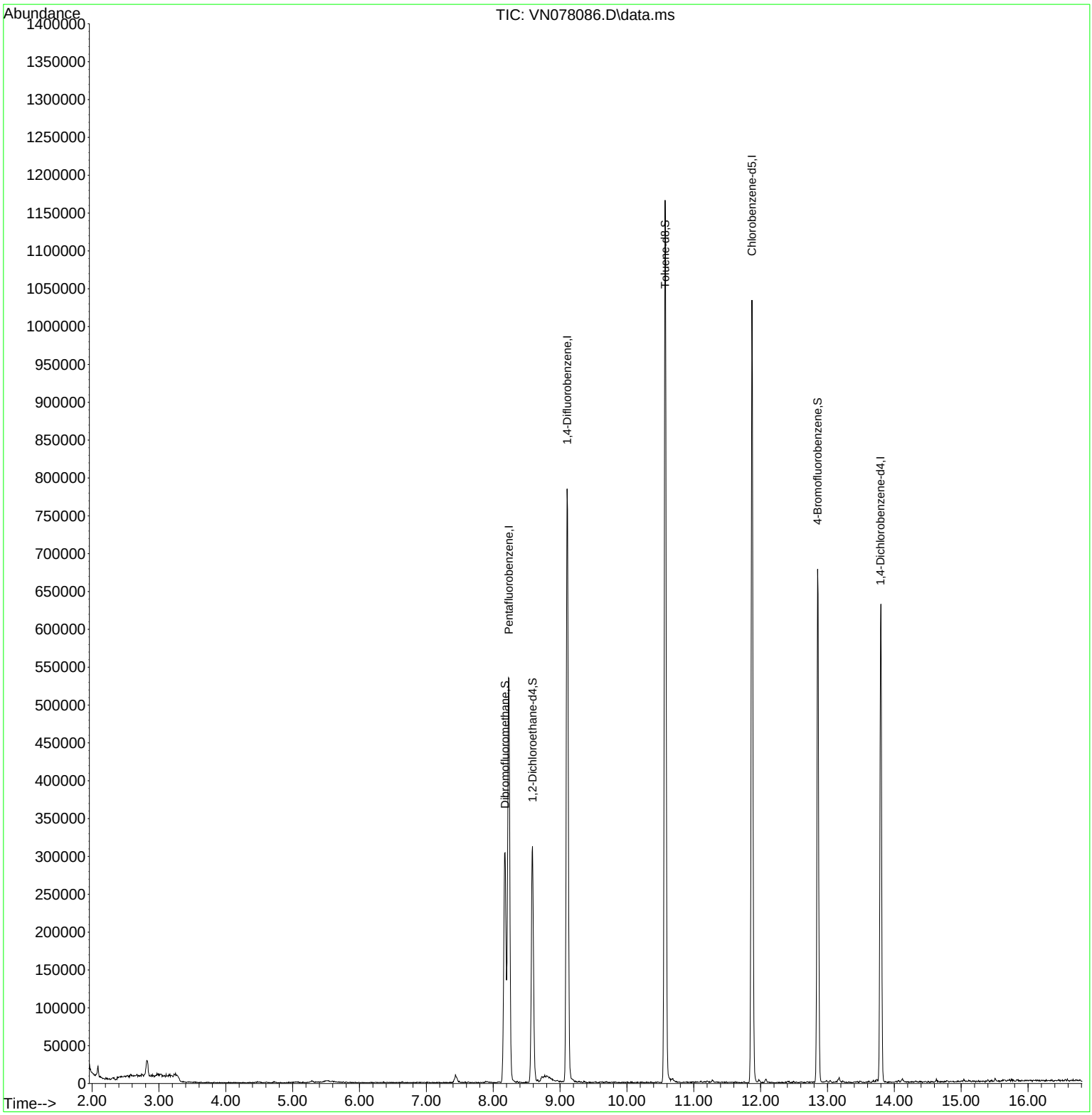
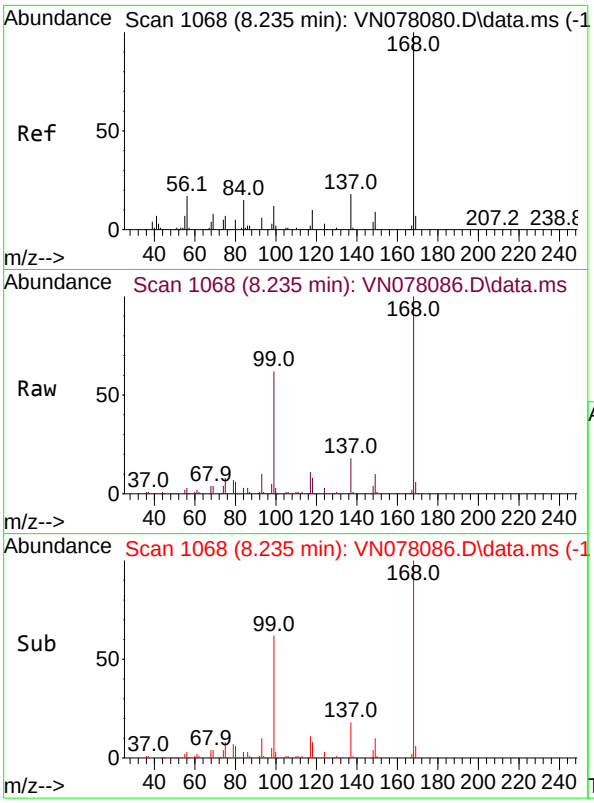


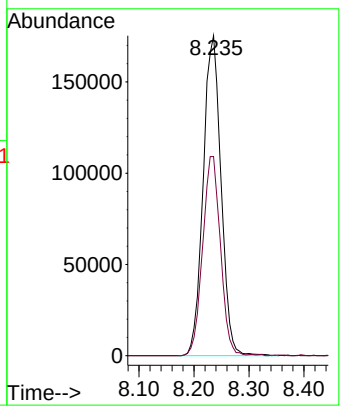


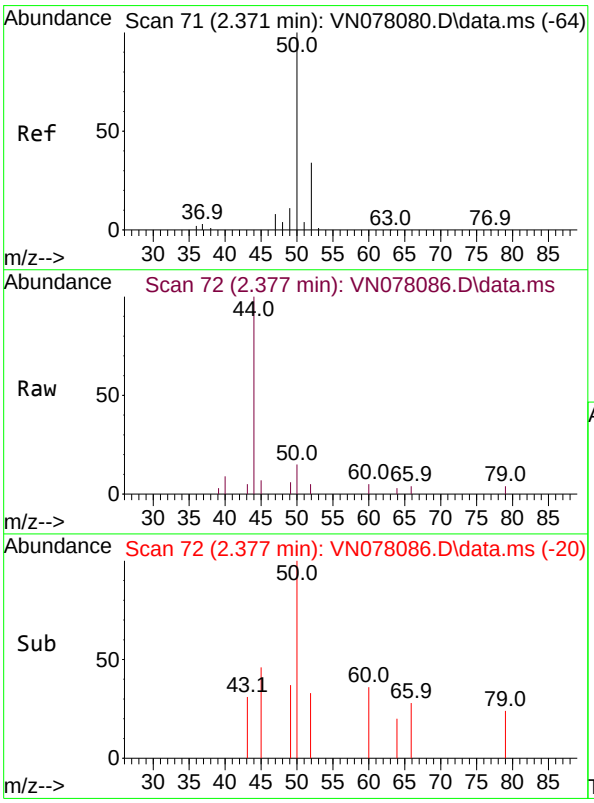
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 396209

Ion	Ratio	Lower	Upper
168	100		
99	62.3	53.0	79.6

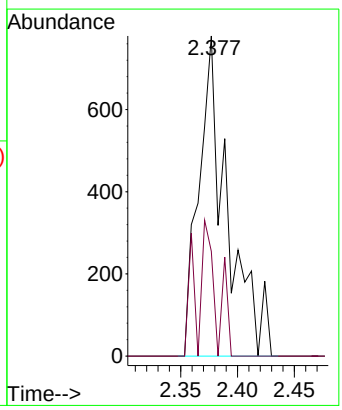


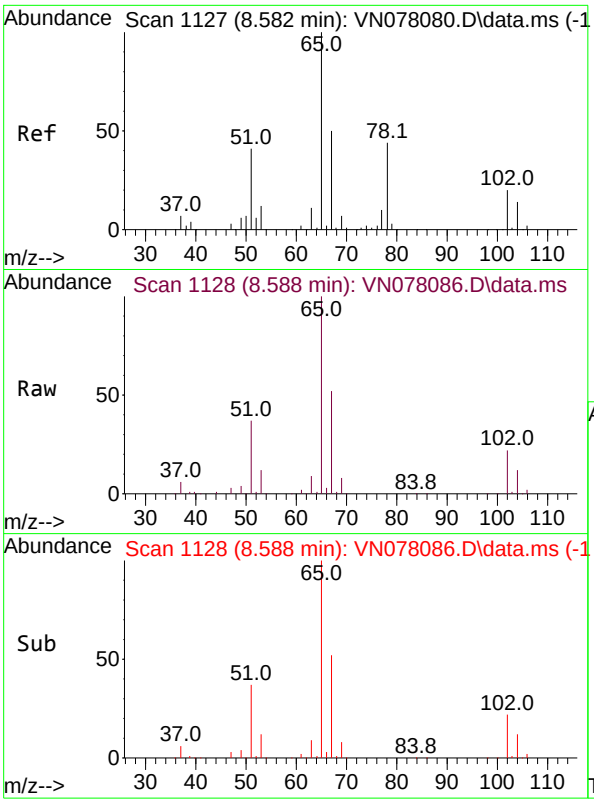


#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 50 Resp: 1361

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.5	39.7



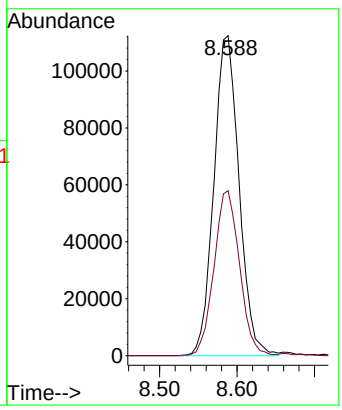


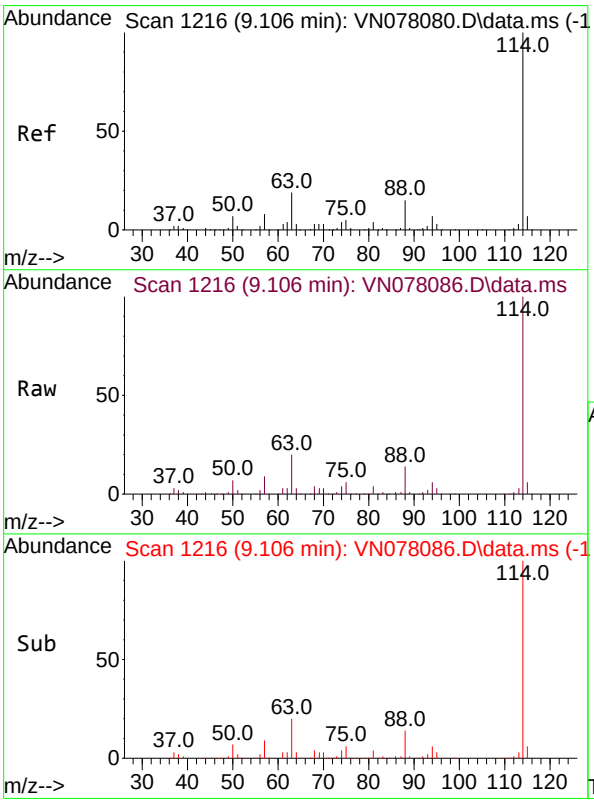
#33
1,2-Dichloroethane-d4
Concen: 48.171 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 254474

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.6

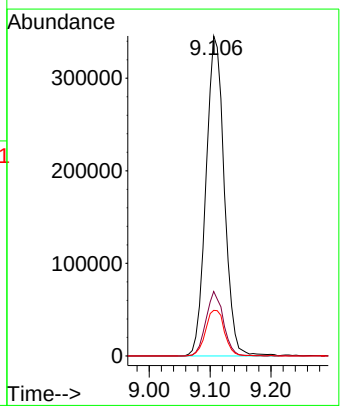


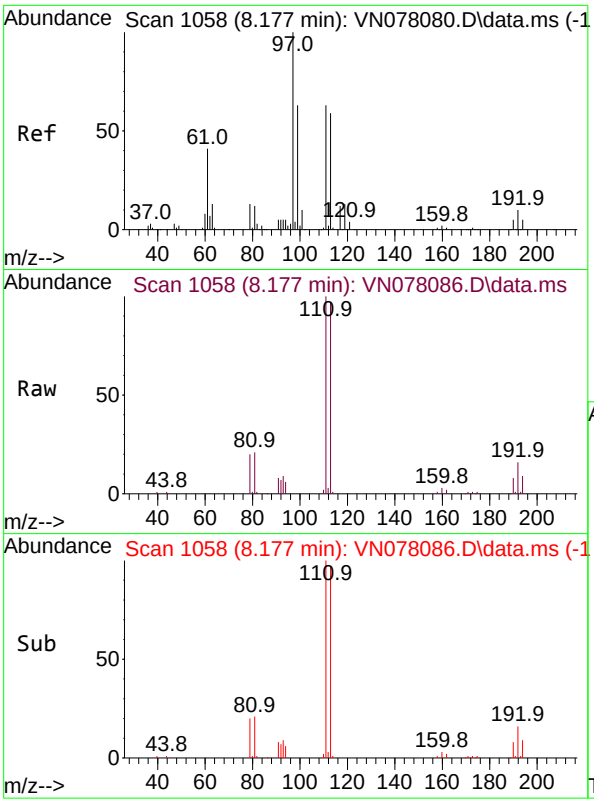


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion:114 Resp: 720115

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	36.4
88	14.2	0.0	30.6



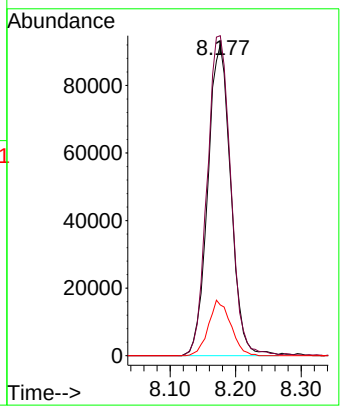


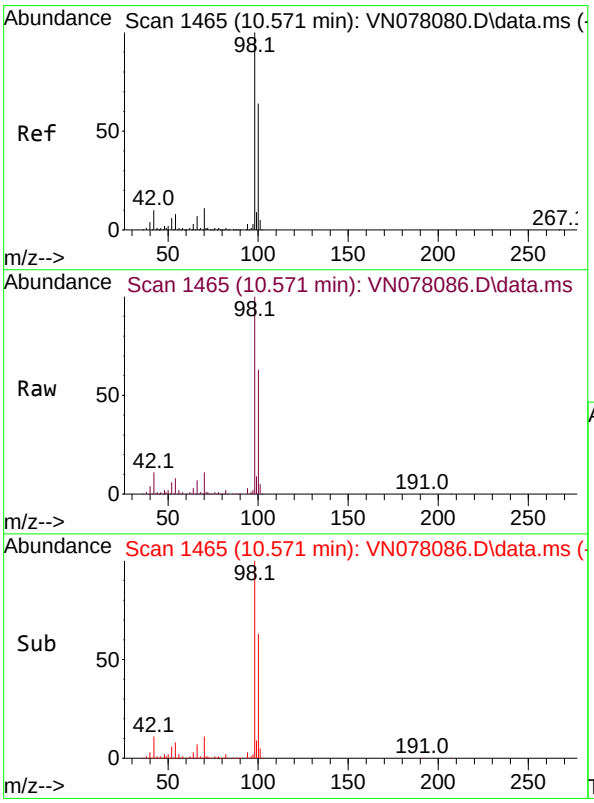
#35
Dibromofluoromethane
Concen: 49.248 ug/l
RT: 8.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:113 Resp: 224237

Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.6	123.8
192	17.2	12.7	19.1

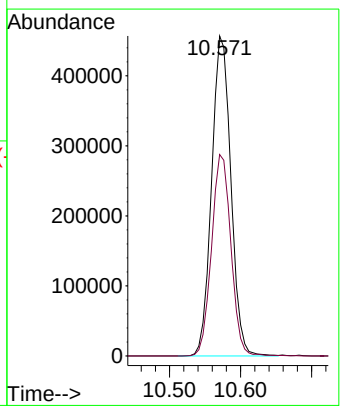


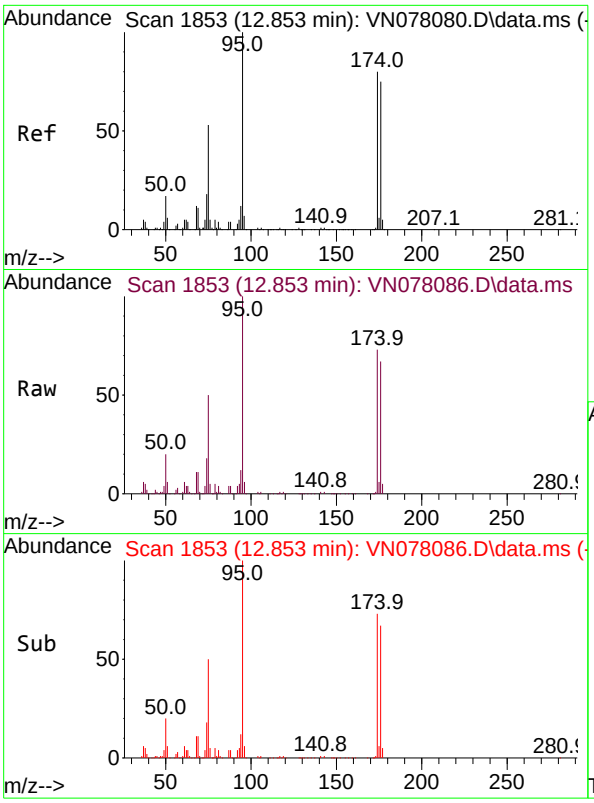


#50
Toluene-d8
Concen: 48.850 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 98 Resp: 857472

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.0	78.0



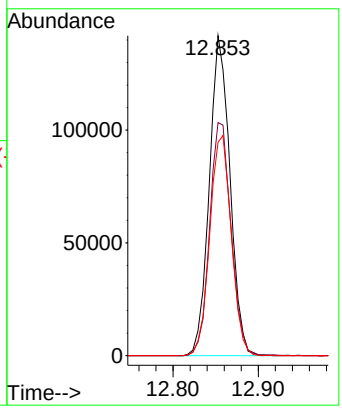


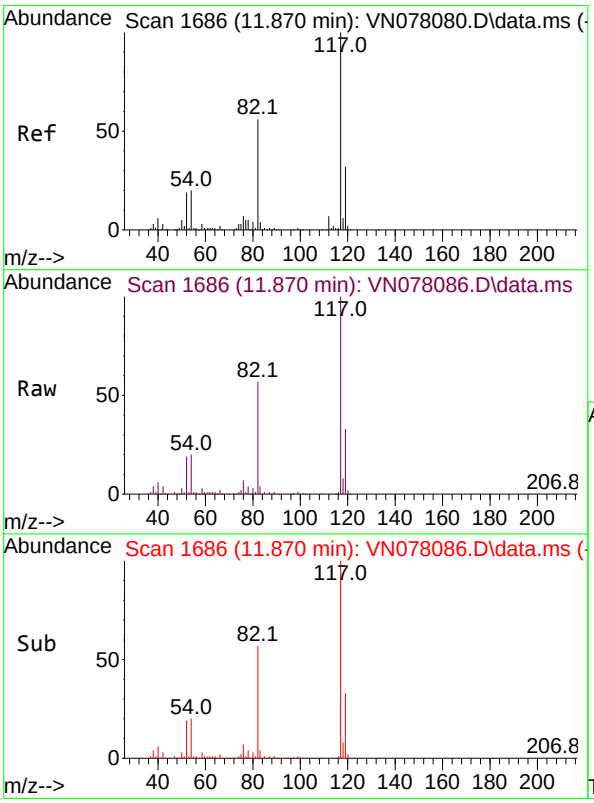
#62
4-Bromofluorobenzene
Concen: 43.729 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 238623

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	143.8
176	71.6	0.0	135.8

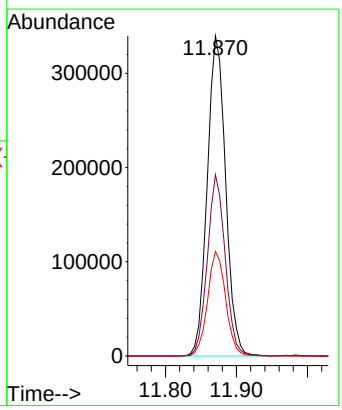


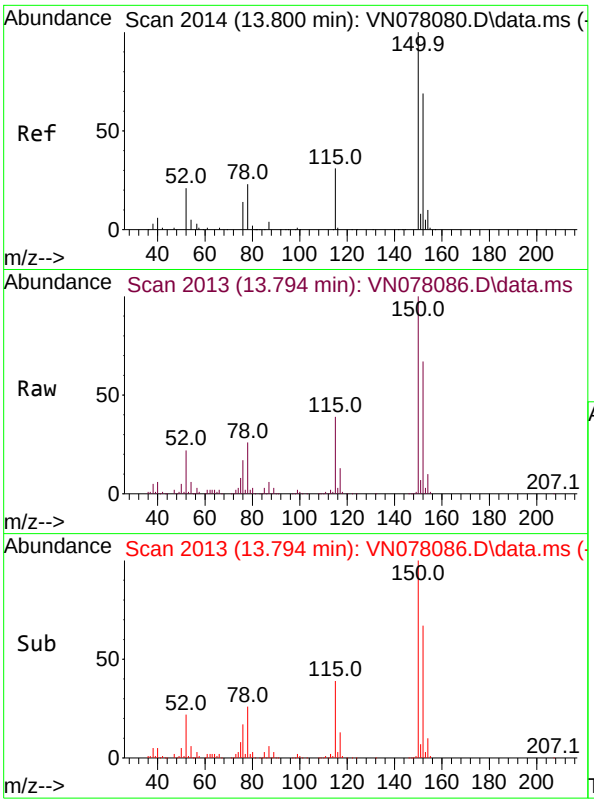


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion:117 Resp: 609976

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.0	66.0
119	32.7	25.6	38.4



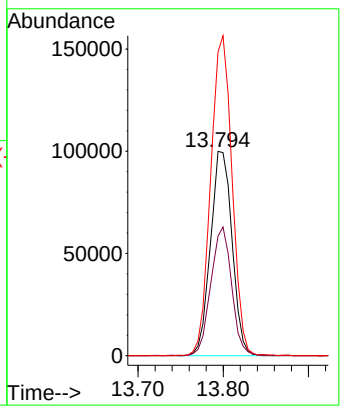


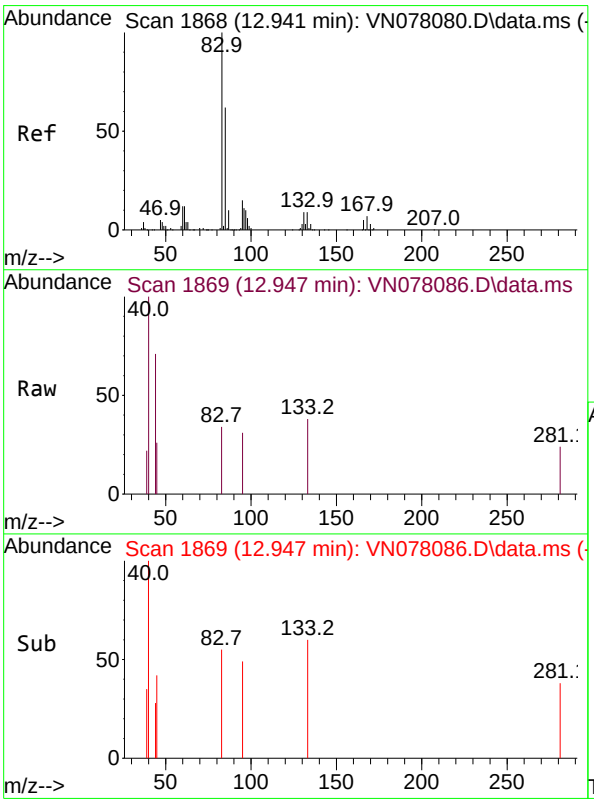
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:152 Resp: 175980

Ion	Ratio	Lower	Upper
152	100		
115	60.5	32.3	96.8
150	154.7	0.0	355.8

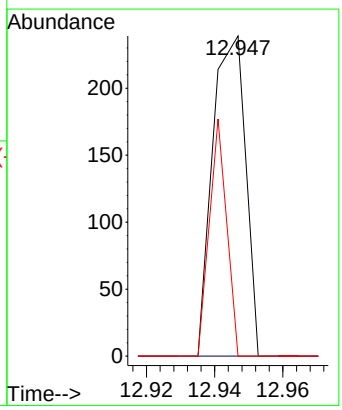


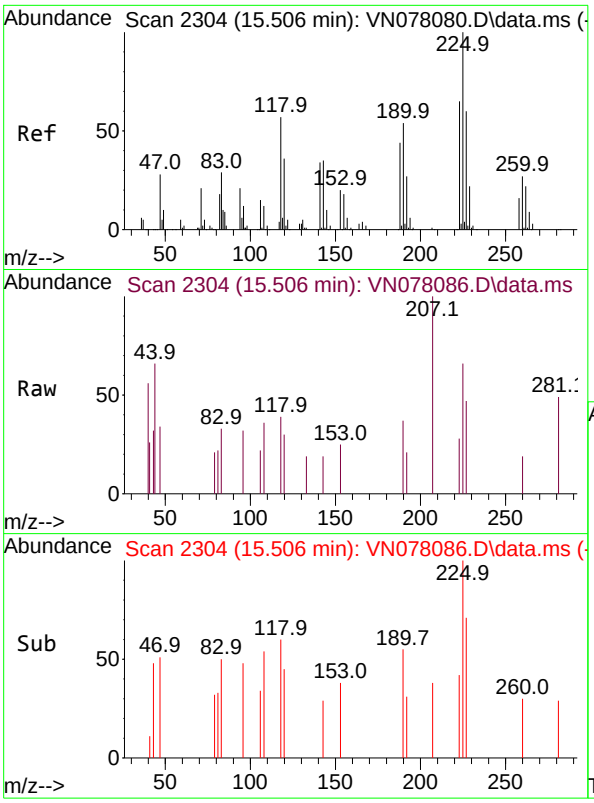


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 83 Resp: 160

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	38.8	31.9	95.7





#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 2
Delta R.T. -0.001 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:225 Resp: 382

Ion	Ratio	Lower	Upper
225	100		
223	78.3	31.3	93.8
227	76.4	31.9	95.9