Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
Data File : VN075879.D
Acq On : 19 Dec 2022 18:22
Operator : JC\MD
Sample : N6131-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 20 01:31:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	392704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	523995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196703	46.042	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.080%		
35) Dibromofluoromethane	8.177	113	177984	46.595	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	10.571	98	701950	49.150	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.853	95	219733	46.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.900%		
Target Compounds						Qvalue
84) 1,2,4-Trimethylbenzene	13.488	105	3503	0.261	ug/l	99
95) Naphthalene	15.641	128	19584	3.714	ug/l	99

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

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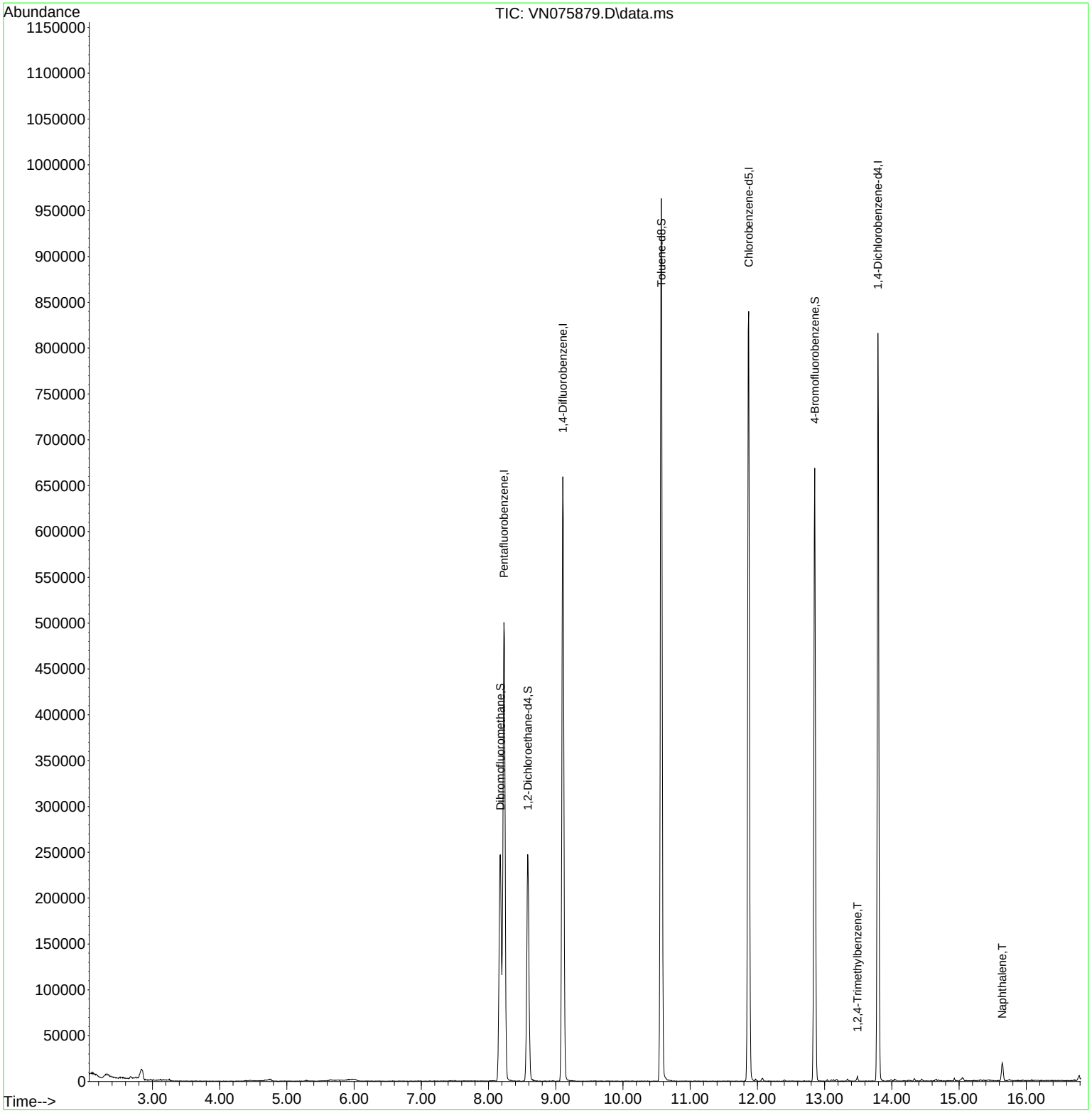
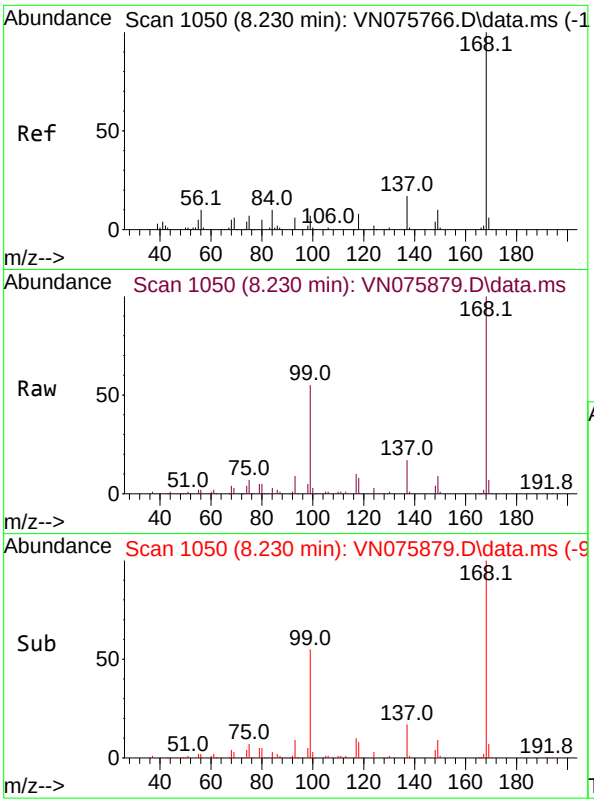


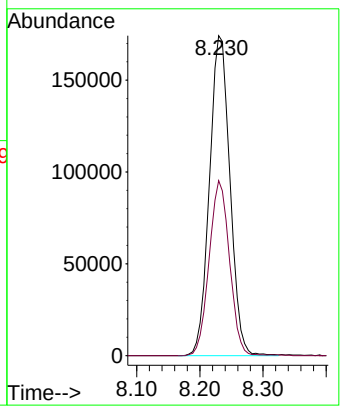


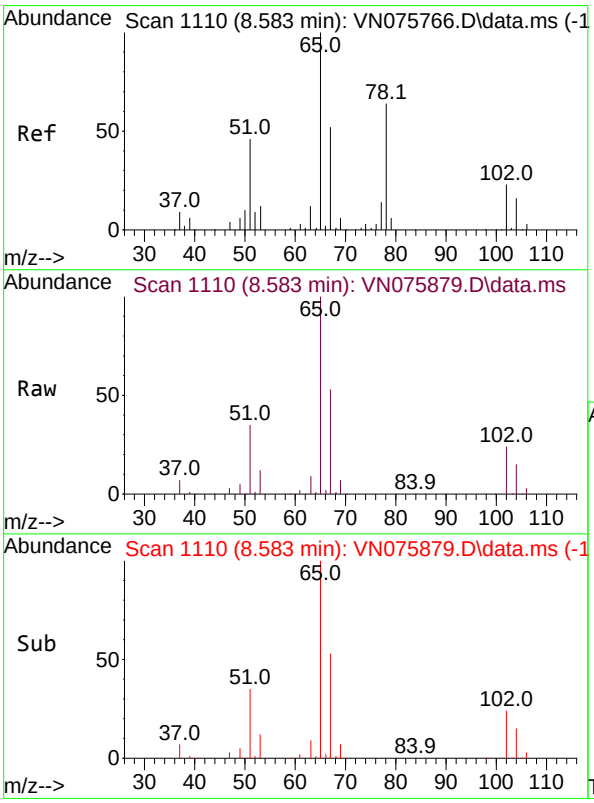
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 392704

Ion	Ratio	Lower	Upper
168	100		
99	54.7	44.2	66.4

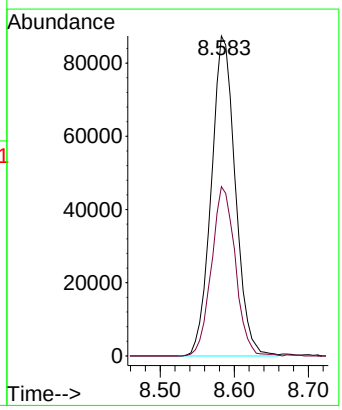


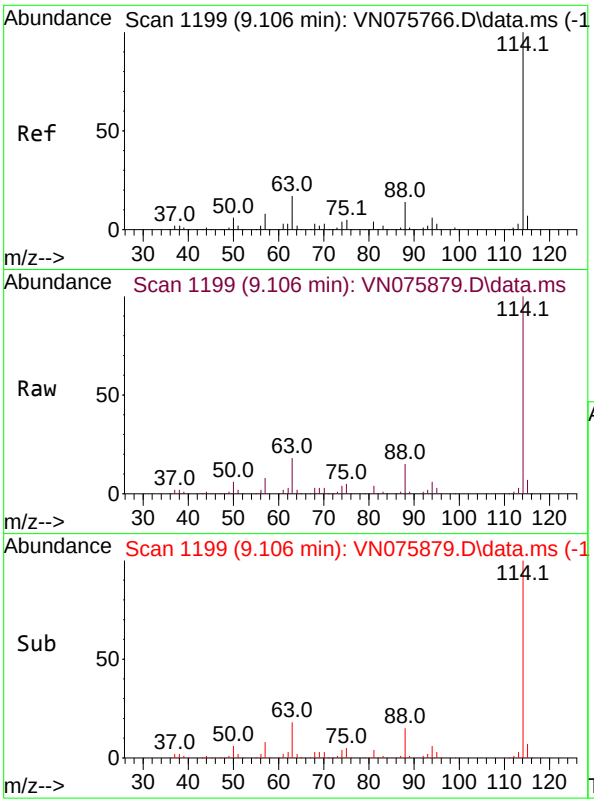


#33
1,2-Dichloroethane-d4
Concen: 46.042 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion: 65 Resp: 196703

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.4



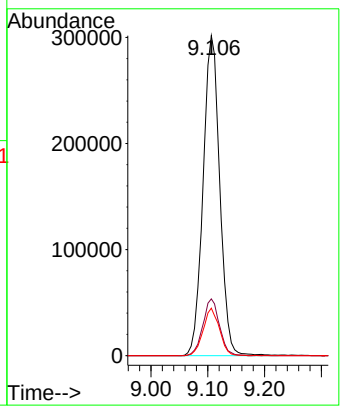


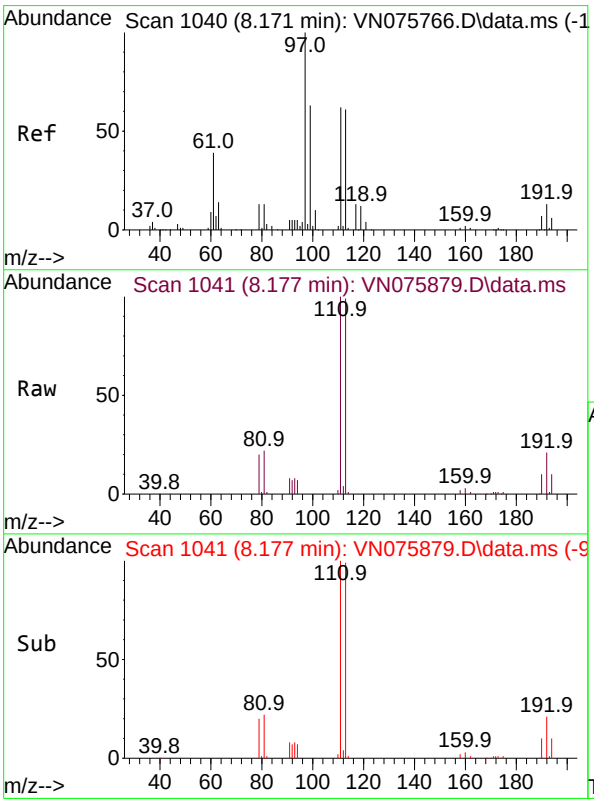
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:114 Resp: 616805

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.4
88	14.8	0.0	28.8

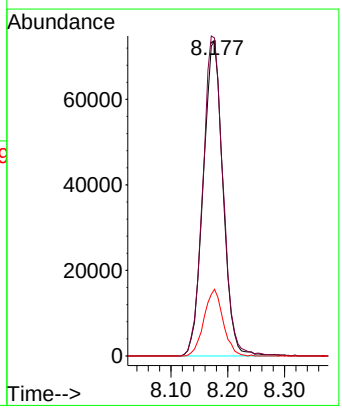


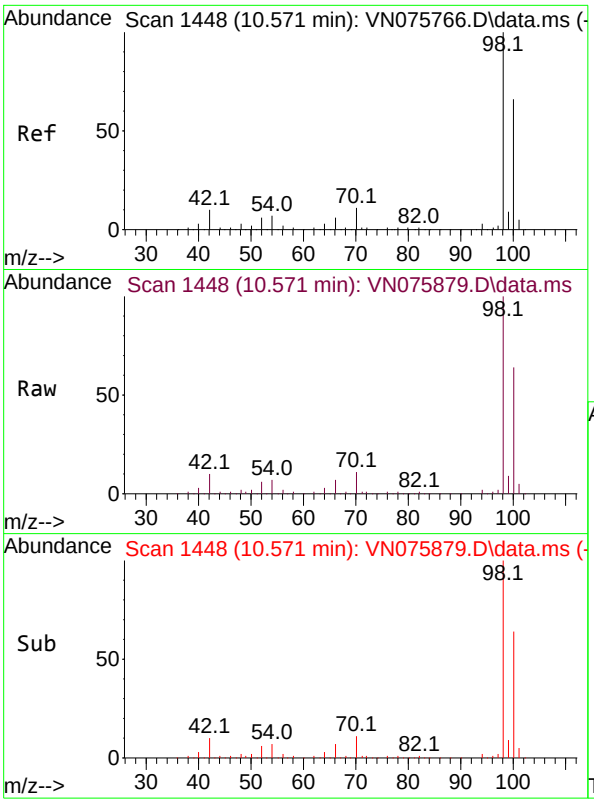


#35
Dibromofluoromethane
Concen: 46.595 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion:113 Resp: 177984

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	20.4	16.1	24.1



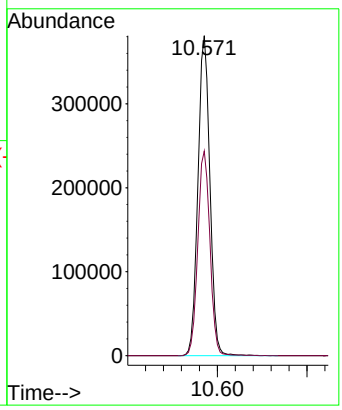


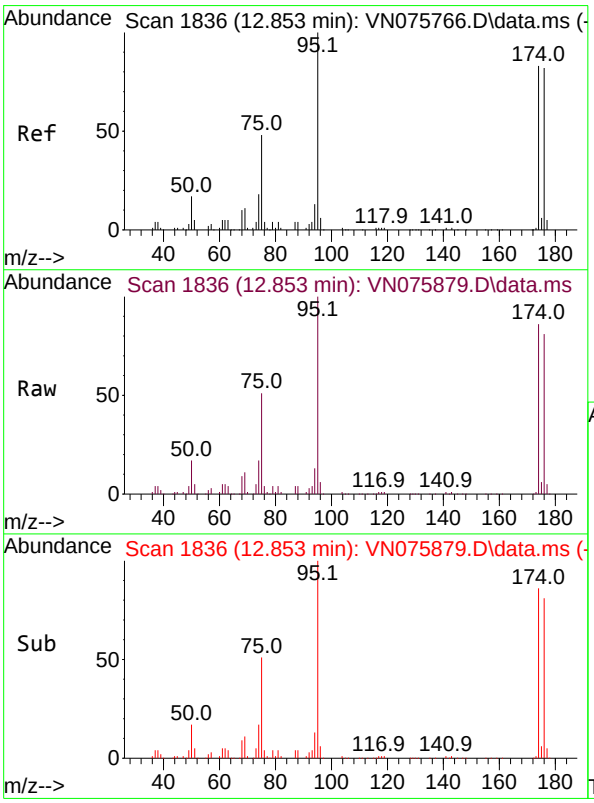
#50
Toluene-d8
Concen: 49.150 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 701950

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1

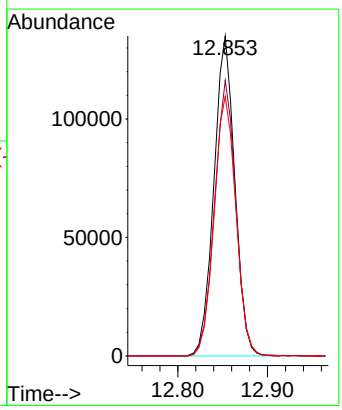


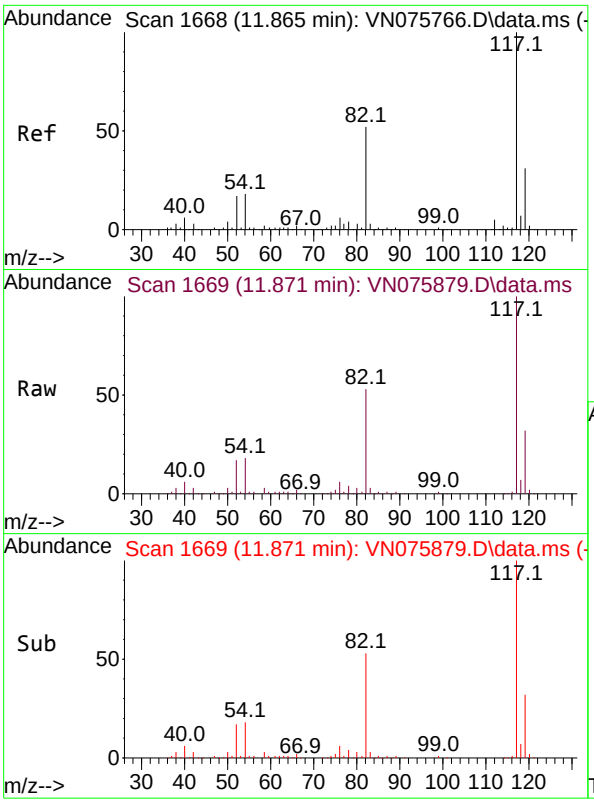


#62
4-Bromofluorobenzene
Concen: 46.453 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion: 95 Resp: 219733

Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	171.6
176	84.4	0.0	169.2



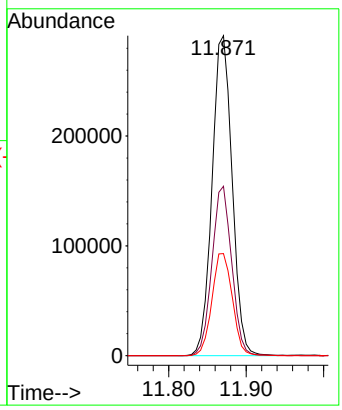


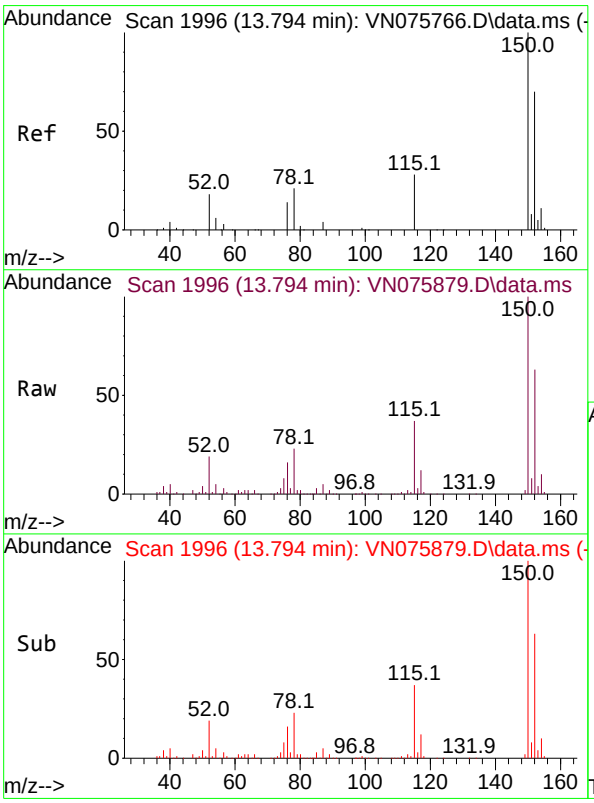
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 523995

Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.3	61.9
119	31.9	24.6	37.0

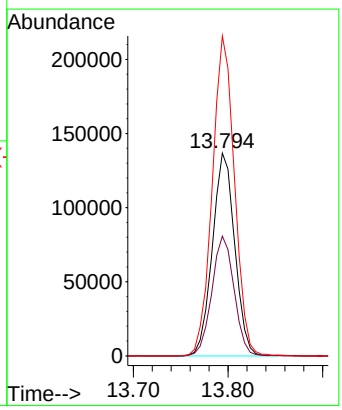


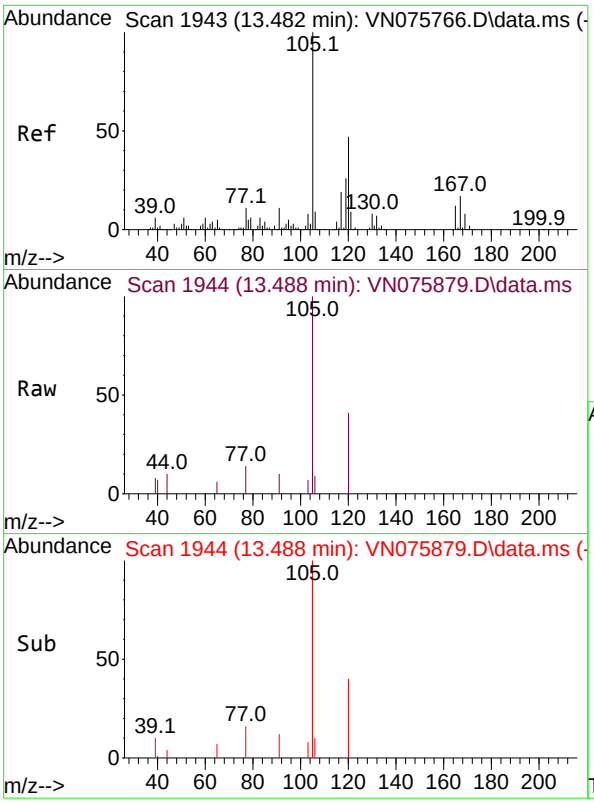


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion:152 Resp: 223950

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.4
150	157.1	0.0	347.0



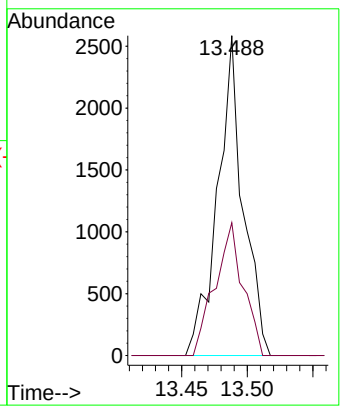


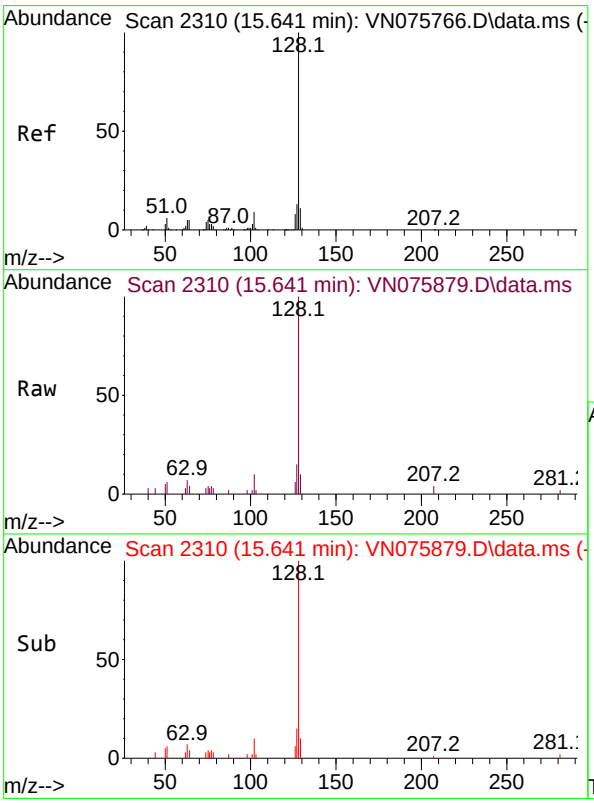
#84
1,2,4-Trimethylbenzene
Concen: 0.261 ug/l
RT: 13.488 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

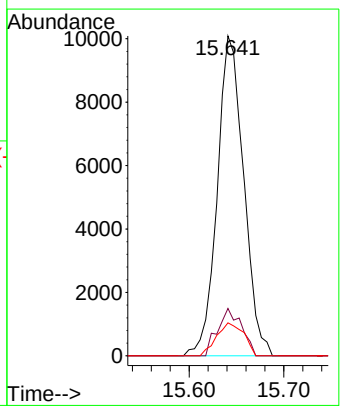
Tgt Ion:105 Resp: 3503

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.3	69.8





#95
Naphthalene
Concen: 3.714 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075879.D
Acq: 19 Dec 2022 18:22

Tgt Ion:128 Resp: 19584

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.6	8.7	13.1