Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076001.D
Acq On : 28 Dec 2022 15:45
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Dec 29 04:52:53 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

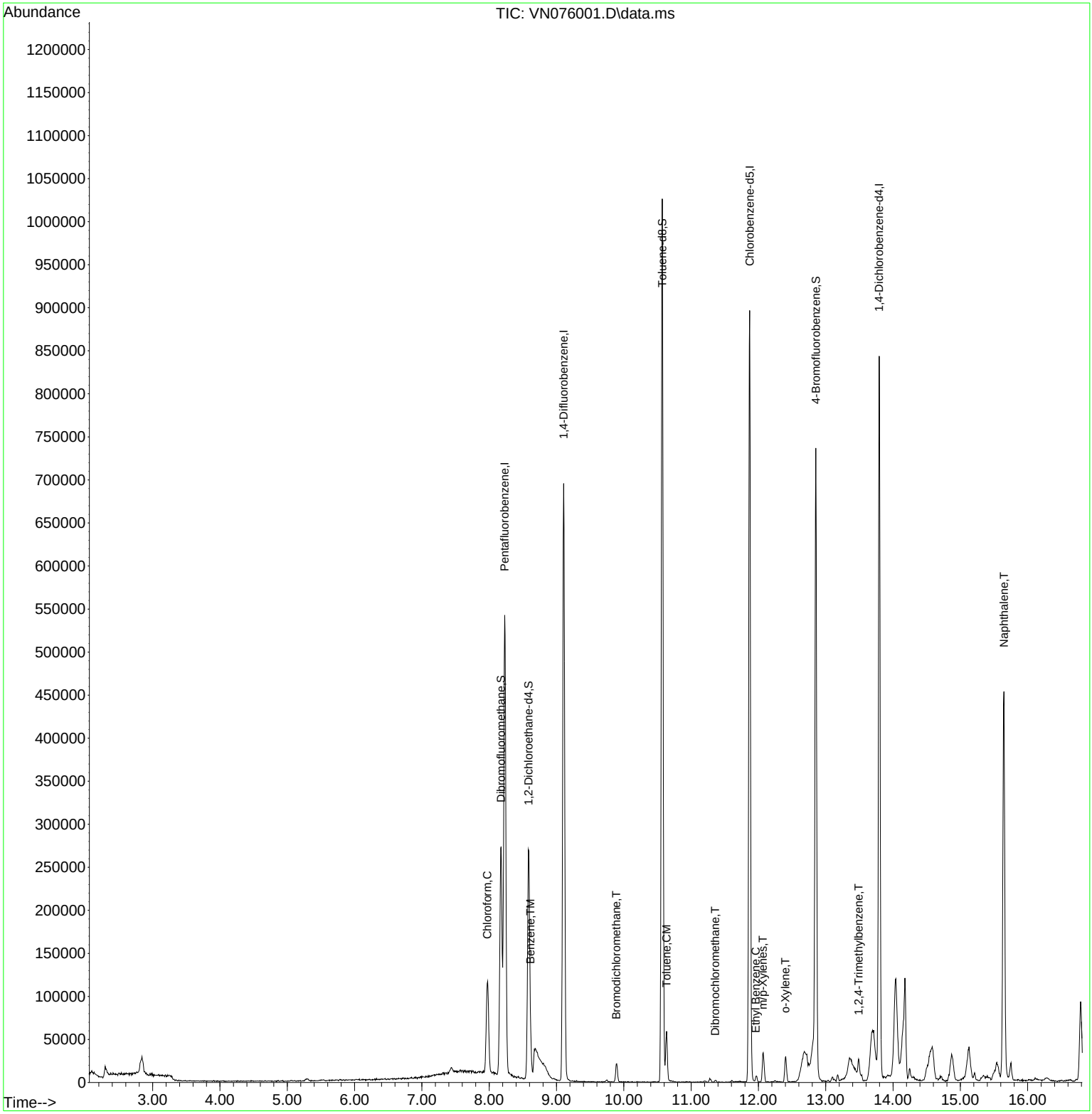
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	419372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	649832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209090	45.829	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.660%		
35) Dibromofluoromethane	8.177	113	188722	46.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.800%		
50) Toluene-d8	10.571	98	732036	48.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.300%		
62) 4-Bromofluorobenzene	12.853	95	240630	48.285	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.560%		
Target Compounds						Qvalue
30) Chloroform	7.971	83	107520	13.566	ug/l	99
40) Benzene	8.612	78	30302	1.837	ug/l	98
47) Bromodichloromethane	9.888	83	15598	2.672	ug/l	88
52) Toluene	10.635	92	25169	2.343	ug/l	93
60) Dibromochloromethane	11.359	129	1464	0.312	ug/l	73
67) Ethyl Benzene	11.959	91	5820	0.304	ug/l	89
68) m/p-Xylenes	12.065	106	12762	1.686	ug/l	94
69) o-Xylene	12.400	106	7350	0.981	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	16261	1.136	ug/l	81
95) Naphthalene	15.647	128	447891	35.170	ug/l	99

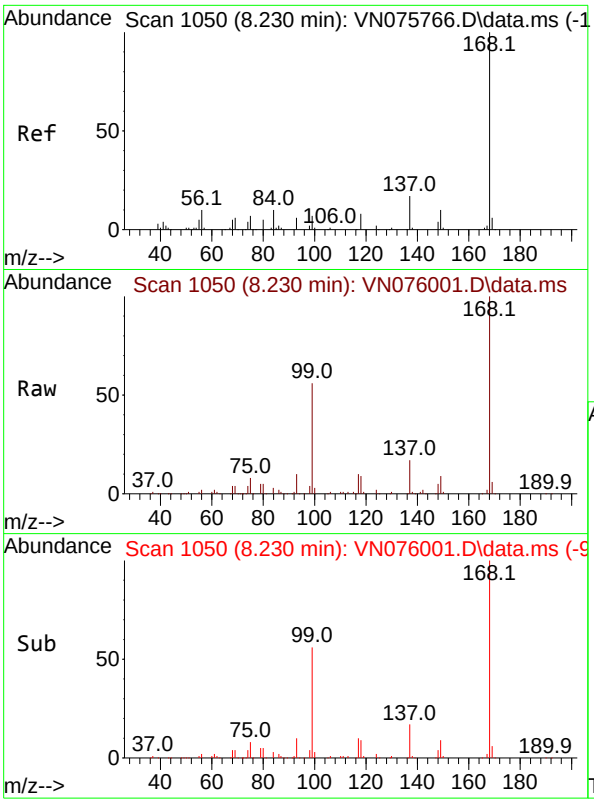
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076001.D
Acq On : 28 Dec 2022 15:45
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Dec 29 04:52:53 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



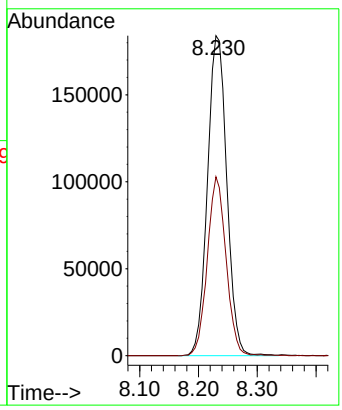


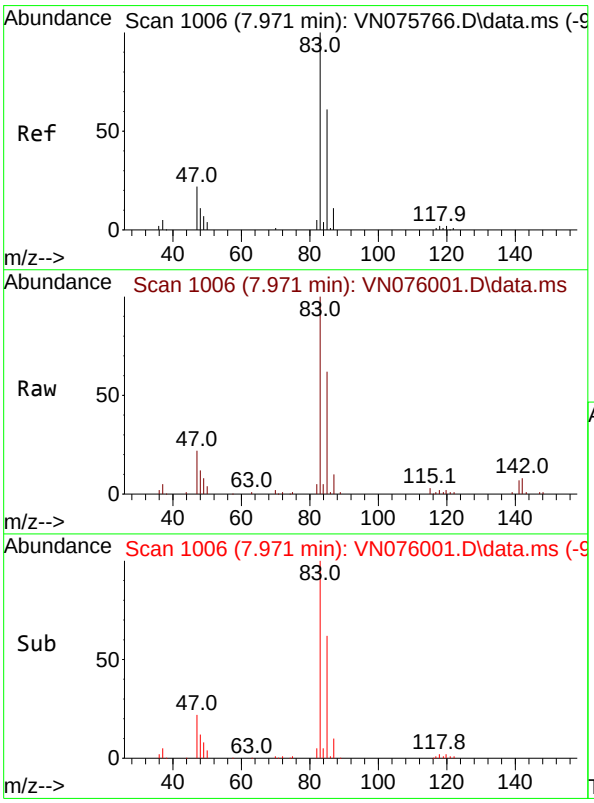
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 419372

Ion	Ratio	Lower	Upper
168	100		
99	55.9	44.2	66.4

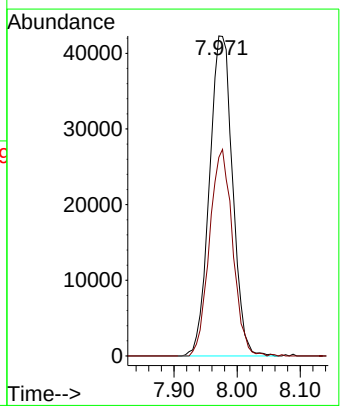


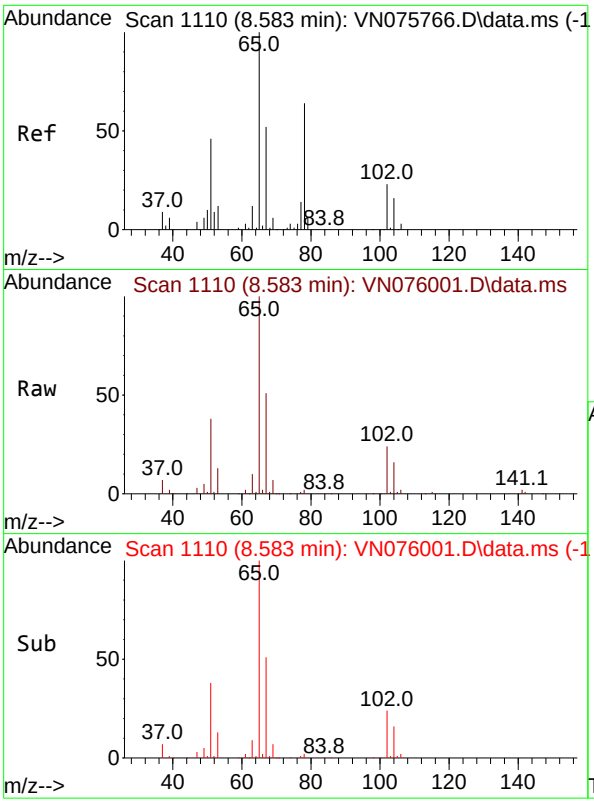


#30
Chloroform
Concen: 13.566 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion: 83 Resp: 107520

Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.1	73.7



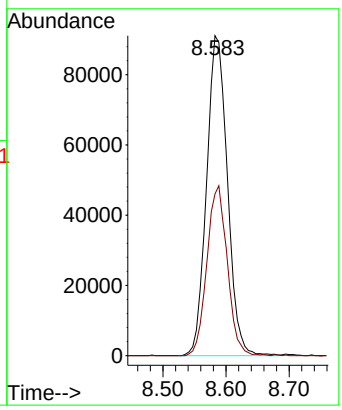


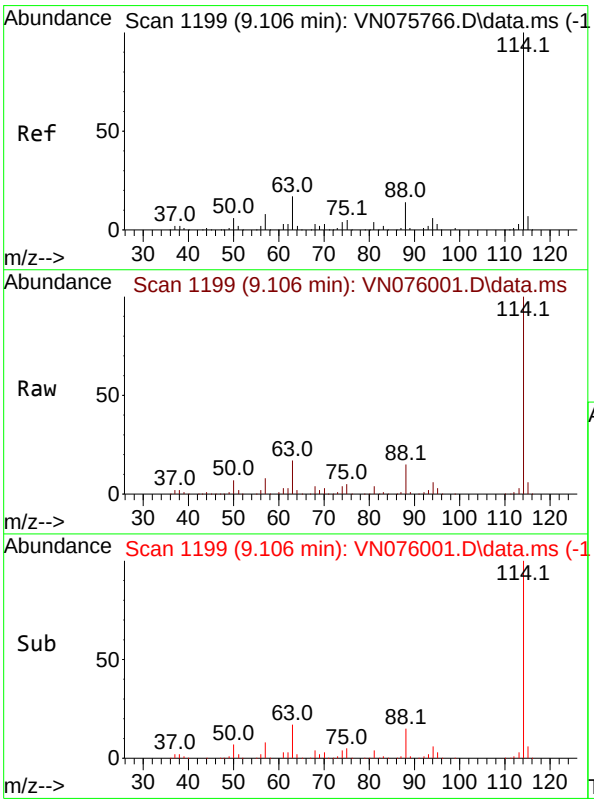
#33
1,2-Dichloroethane-d4
Concen: 45.829 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 209090

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.4

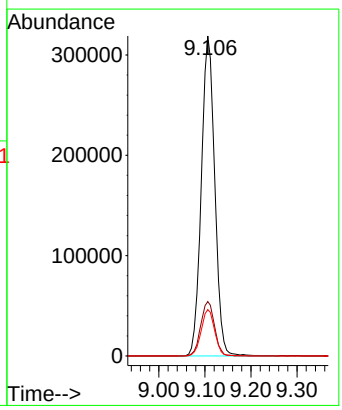


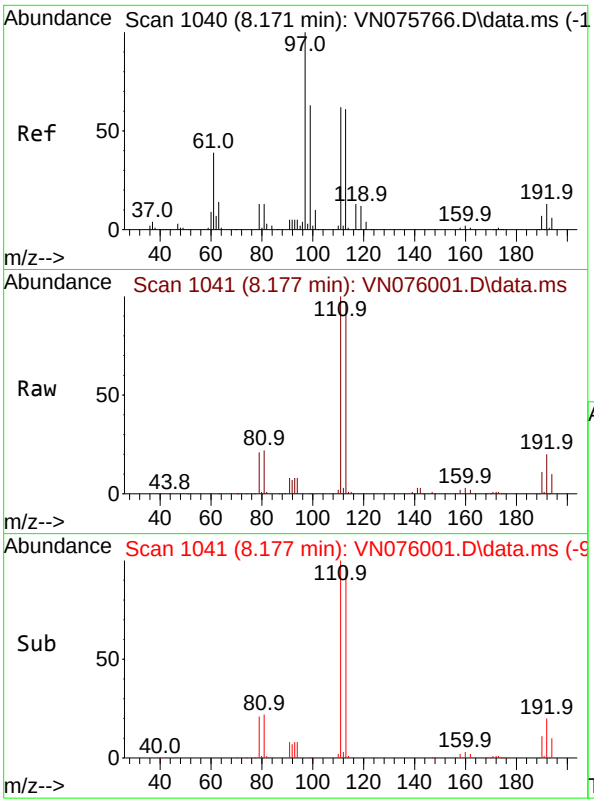


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion:114 Resp: 649832

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.4
88	14.5	0.0	28.8



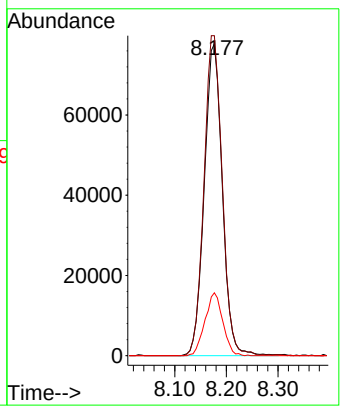


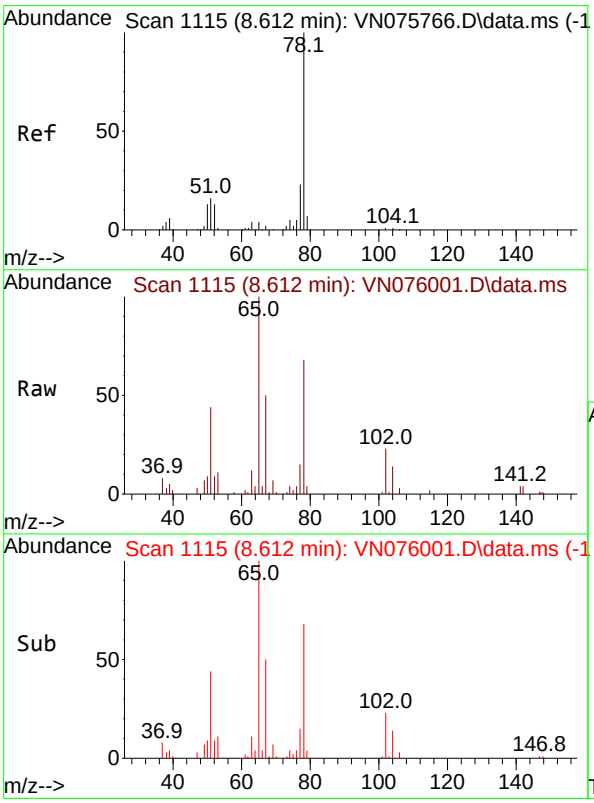
#35
Dibromofluoromethane
Concen: 46.895 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:113 Resp: 188722

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.2
192	19.9	16.1	24.1

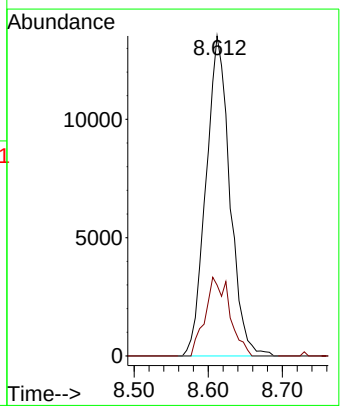


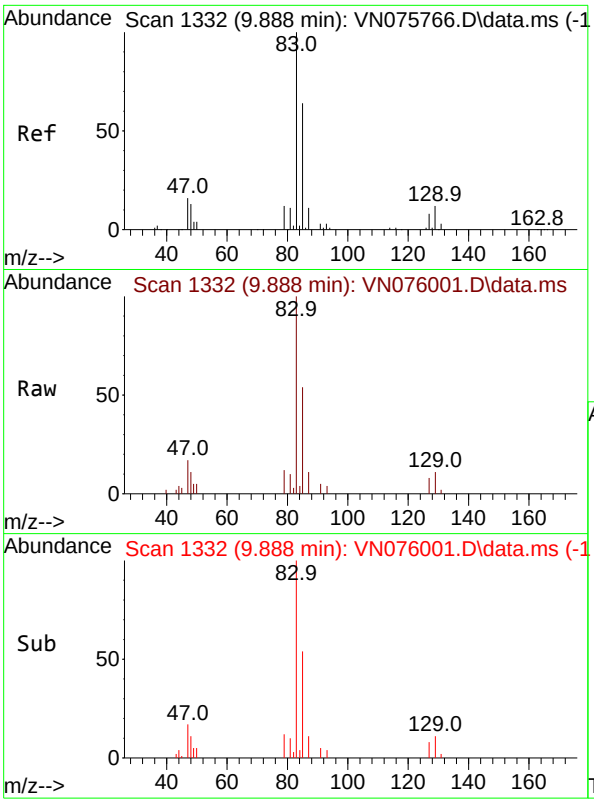


#40
Benzene
Concen: 1.837 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion: 78 Resp: 30302

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.5	27.7



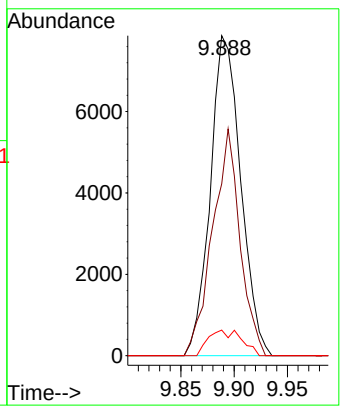


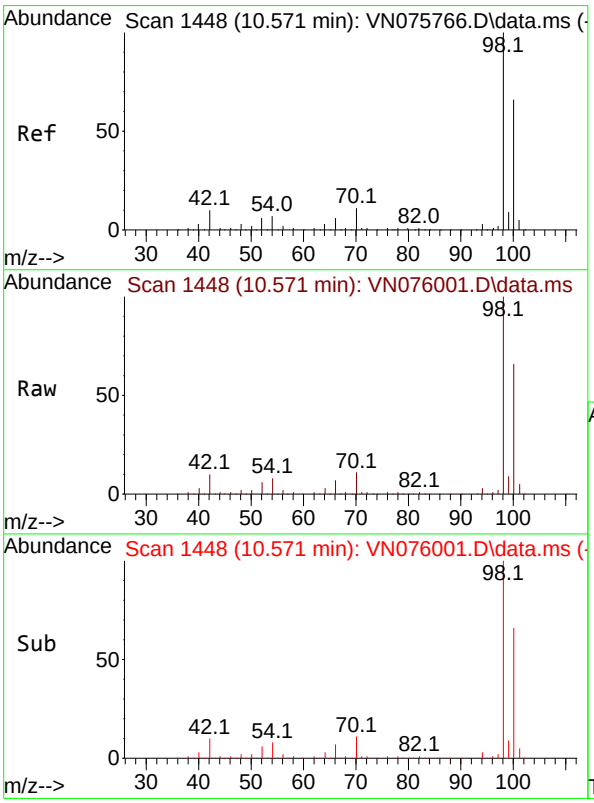
#47
Bromodichloromethane
Concen: 2.672 ug/l
RT: 9.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 83 Resp: 15598

Ion	Ratio	Lower	Upper
83	100		
85	53.7	51.5	77.3
127	8.0	6.6	10.0

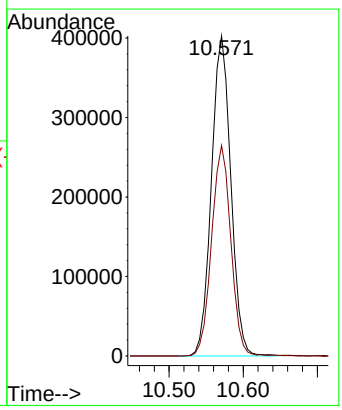


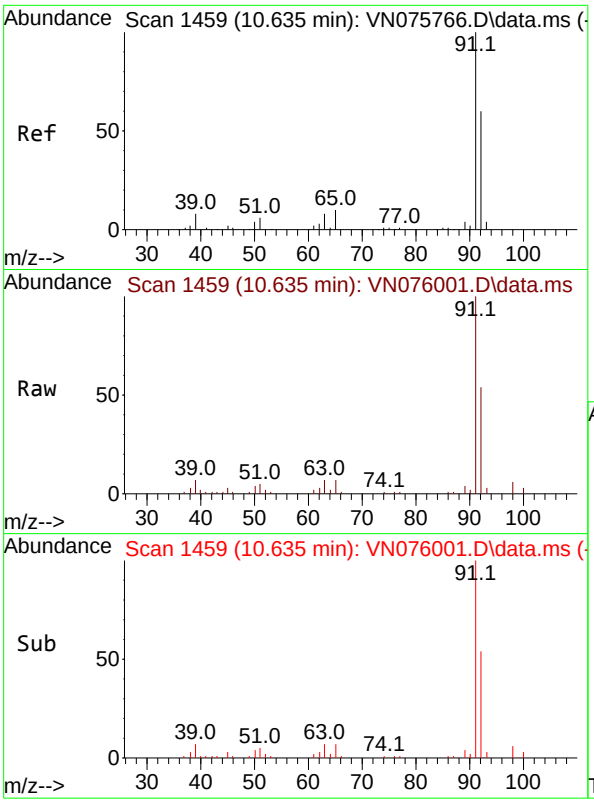


#50
Toluene-d8
Concen: 48.652 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion: 98 Resp: 732036

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1



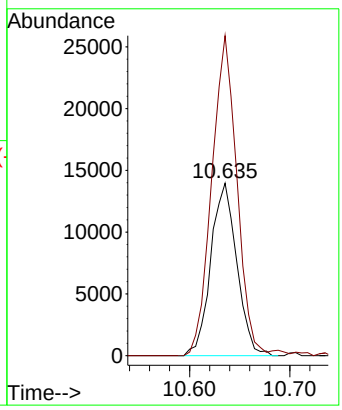


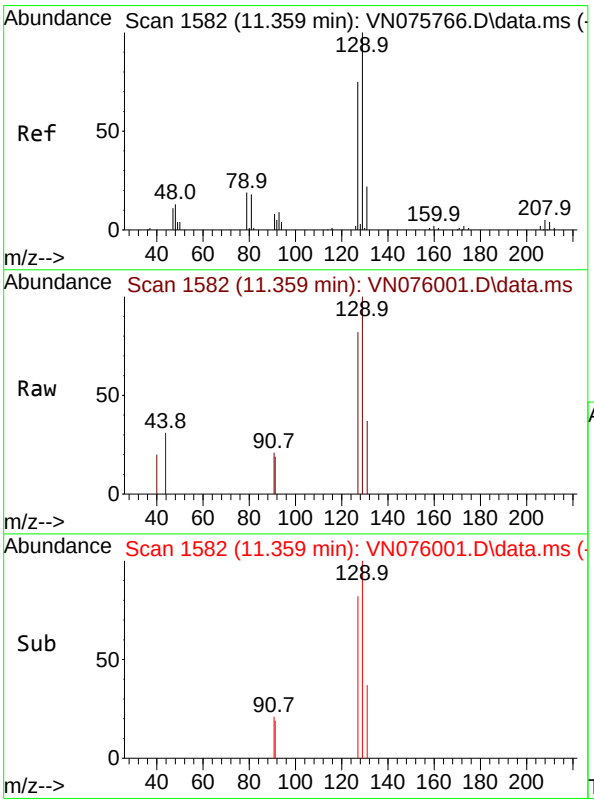
#52
Toluene
Concen: 2.343 ug/l
RT: 10.635 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 92 Resp: 25169

Ion	Ratio	Lower	Upper
92	100		
91	181.0	137.3	205.9

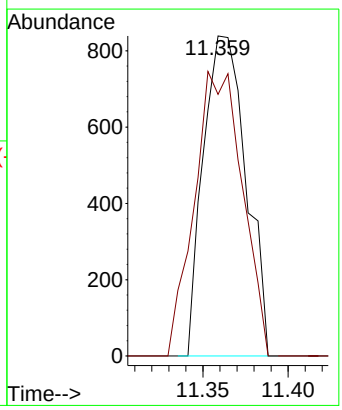


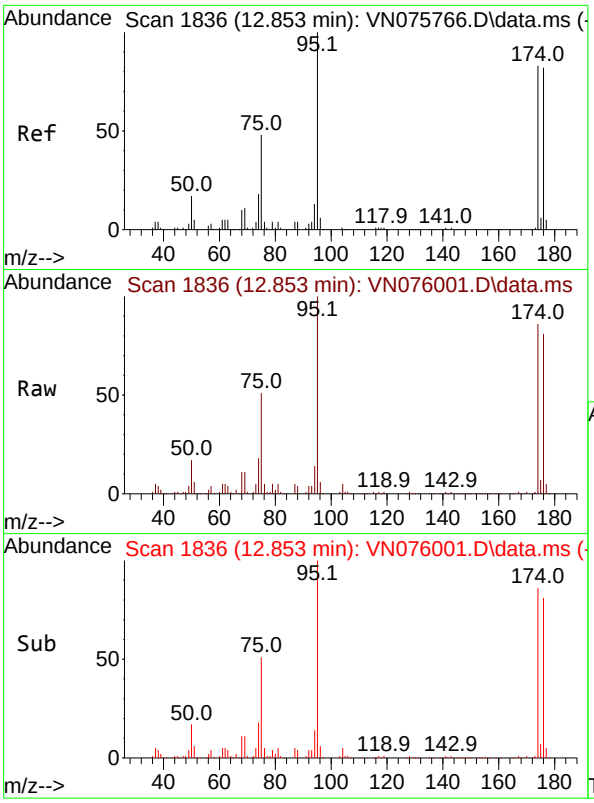


#60
Dibromochloromethane
Concen: 0.312 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion:129 Resp: 1464

Ion	Ratio	Lower	Upper
129	100		
127	99.9	38.3	114.9



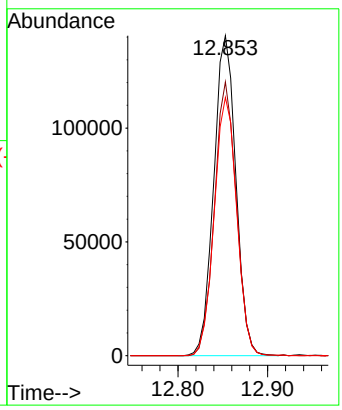


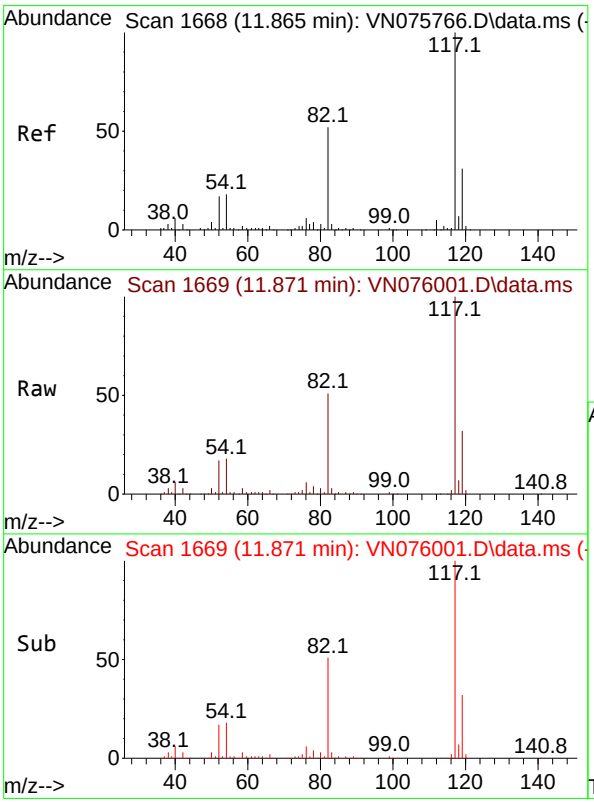
#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 240630

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	171.6
176	82.2	0.0	169.2

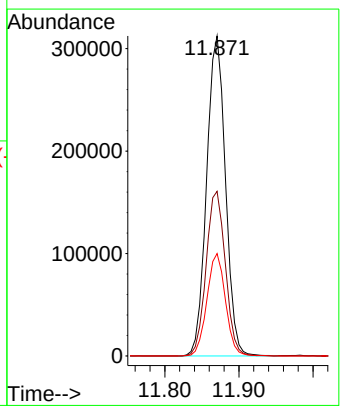


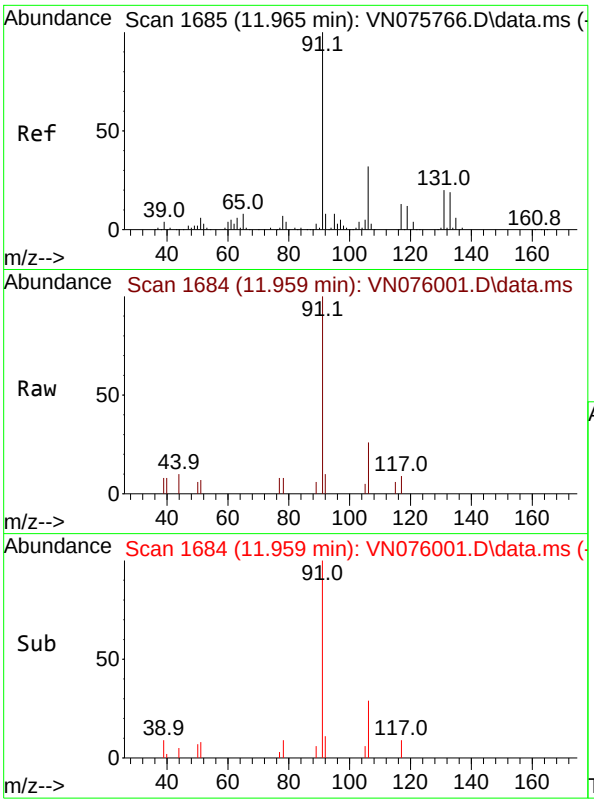


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion:117 Resp: 552030

Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.3	61.9
119	32.0	24.6	37.0



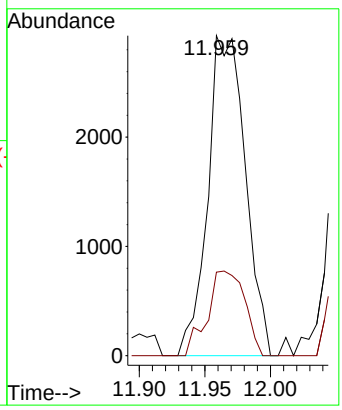


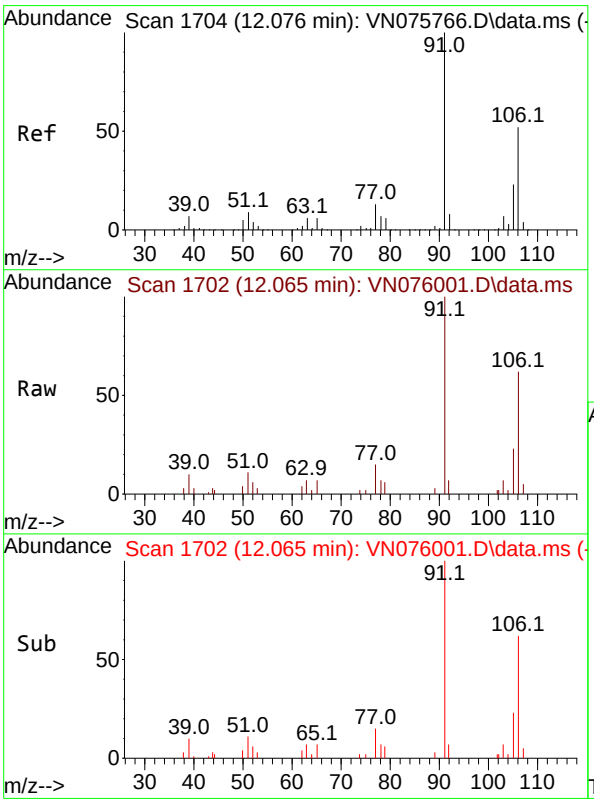
#67
Ethyl Benzene
Concen: 0.304 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 5820

Ion	Ratio	Lower	Upper
91	100		
106	26.1	25.7	38.5

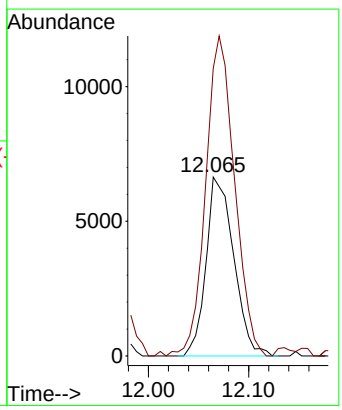


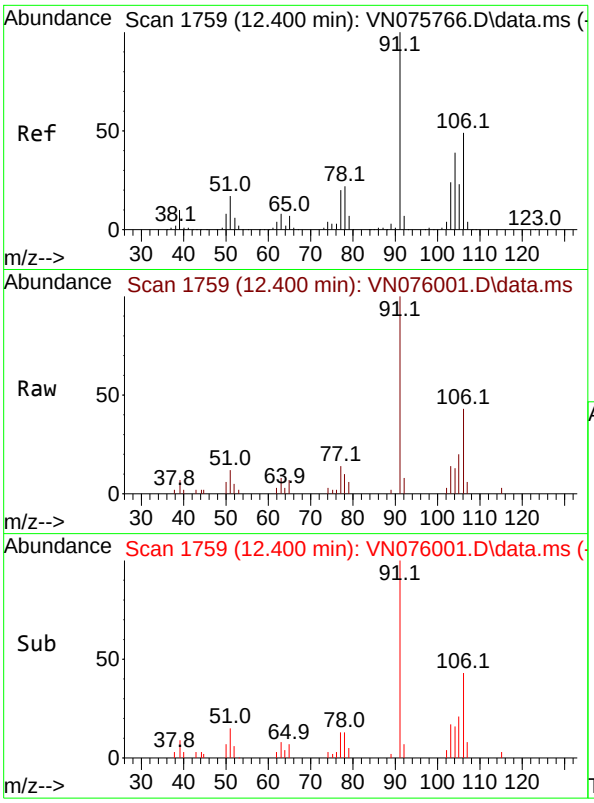


#68
m/p-Xylenes
Concen: 1.686 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.012 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion:106 Resp: 12762

Ion	Ratio	Lower	Upper
106	100		
91	186.9	156.6	235.0



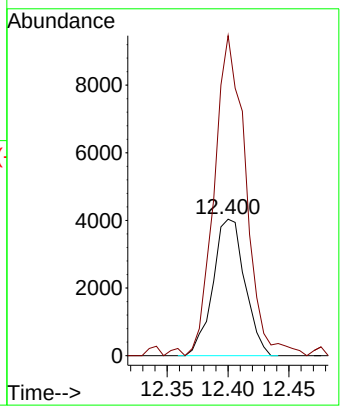


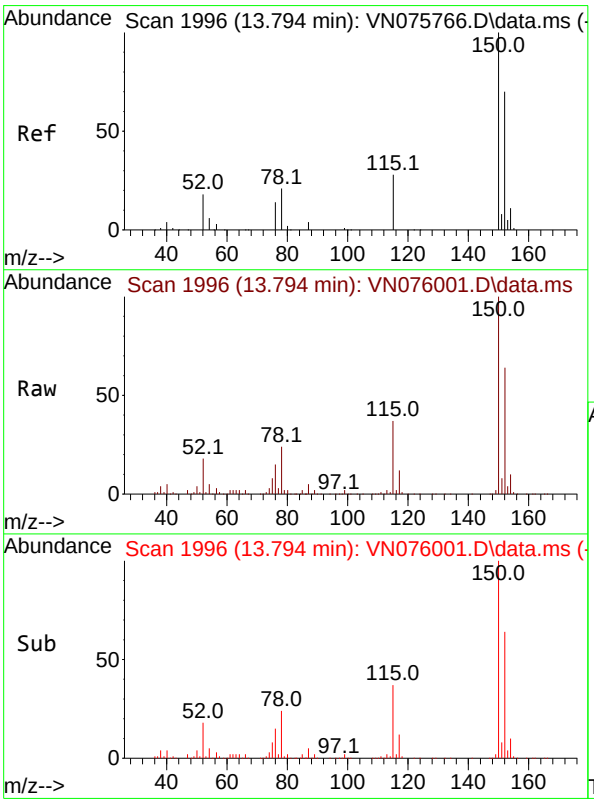
#69
o-Xylene
Concen: 0.981 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 7350

Ion	Ratio	Lower	Upper
106	100		
91	232.6	103.8	311.6

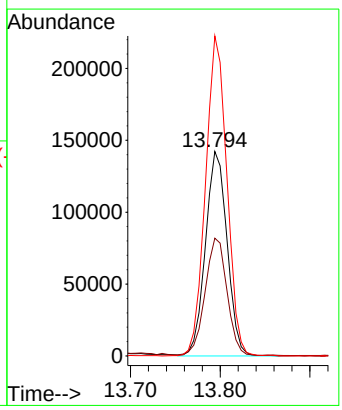


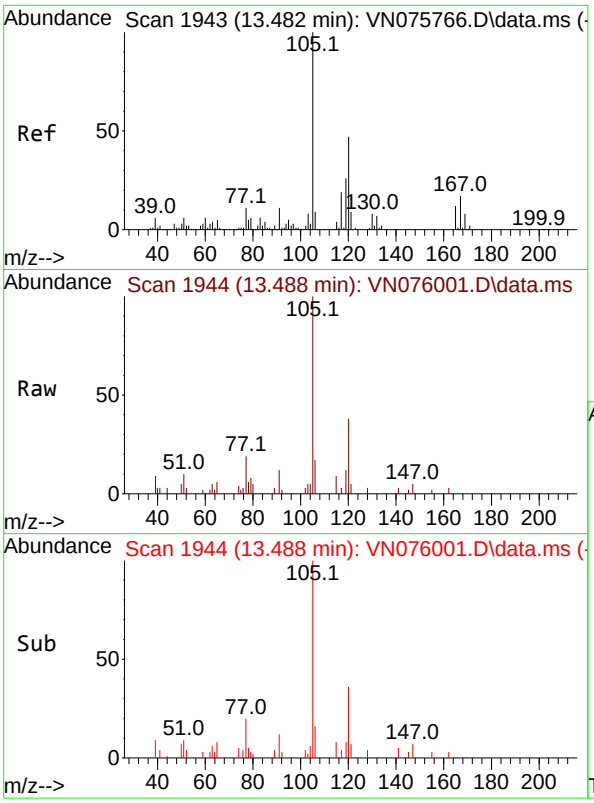


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion:152 Resp: 238580

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.1	87.4
150	154.4	0.0	347.0



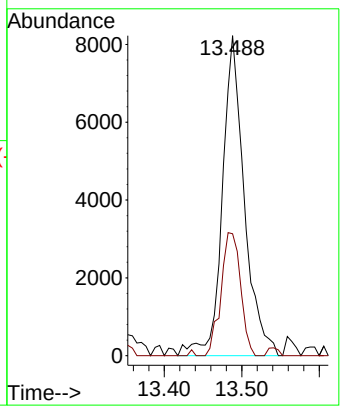


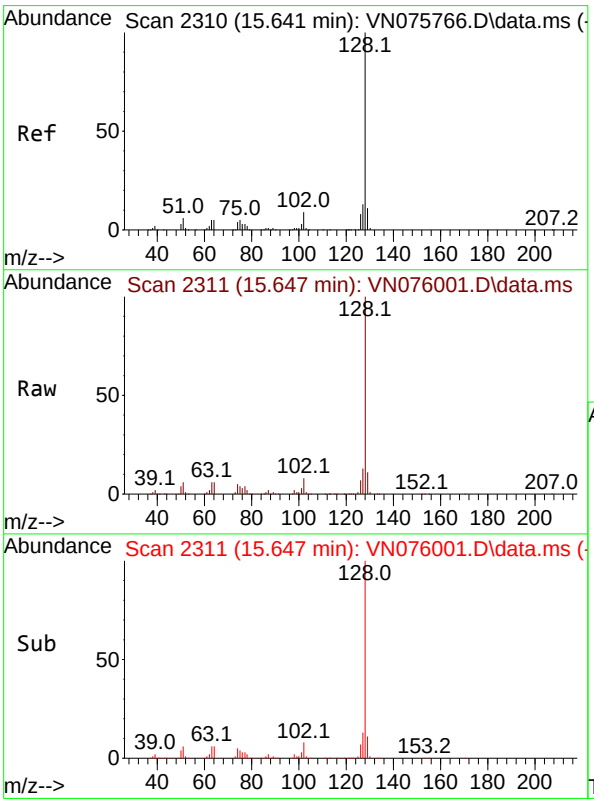
#84
1,2,4-Trimethylbenzene
Concen: 1.136 ug/l
RT: 13.488 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 16261

Ion	Ratio	Lower	Upper
105	100		
120	34.1	23.3	69.8





#95
Naphthalene
Concen: 35.170 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076001.D
Acq: 28 Dec 2022 15:45

Tgt Ion:128 Resp: 447891

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.7	13.1