Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
Data File : VN072450.D
Acq On : 12 May 2022 14:07
Operator : JC\MD
Sample : N2791-04RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Quant Time: May 13 02:44:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

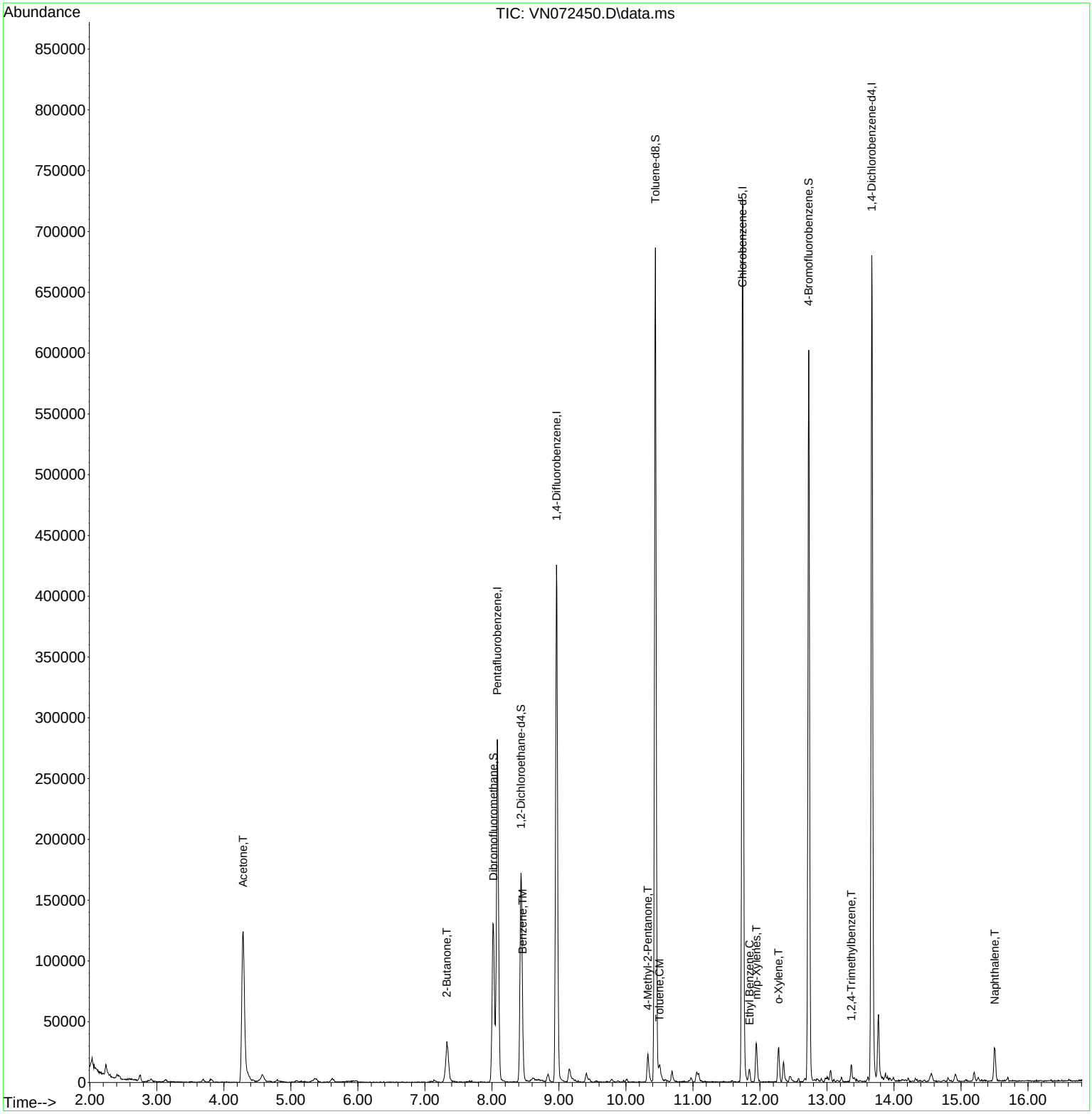
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	191755	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	356796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	407201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	184548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	155222	52.850	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.700%			
35) Dibromofluoromethane	8.022	113	96011	40.447	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 80.900%			
50) Toluene-d8	10.439	98	453301	50.141	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.727	95	200116	66.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 133.300%			
Target Compounds						Qvalue
16) Acetone	4.287	43	238732	205.243	ug/l	91
25) 2-Butanone	7.328	43	48990	26.686	ug/l	91
40) Benzene	8.457	78	9225	0.906	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	16457	4.218	ug/l	91
52) Toluene	10.498	92	4419	0.704	ug/l	98
67) Ethyl Benzene	11.845	91	6563	0.457	ug/l	95
68) m/p-Xylenes	11.945	106	10044	1.845	ug/l	90
69) o-Xylene	12.274	106	6197	1.159	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	8410	0.690	ug/l	100
95) Naphthalene	15.504	128	27594	6.106	ug/l	99

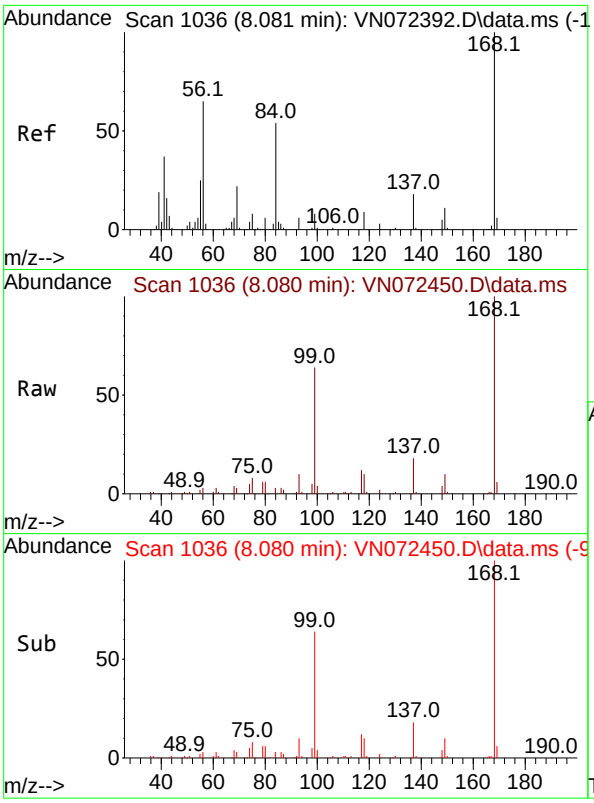
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
Data File : VN072450.D
Acq On : 12 May 2022 14:07
Operator : JC\MD
Sample : N2791-04RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Quant Time: May 13 02:44:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration



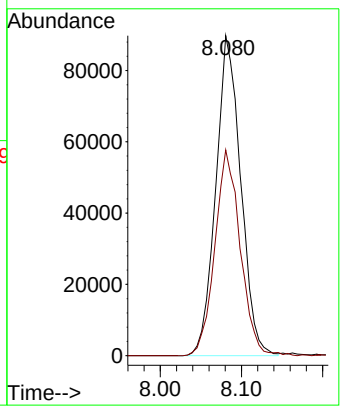


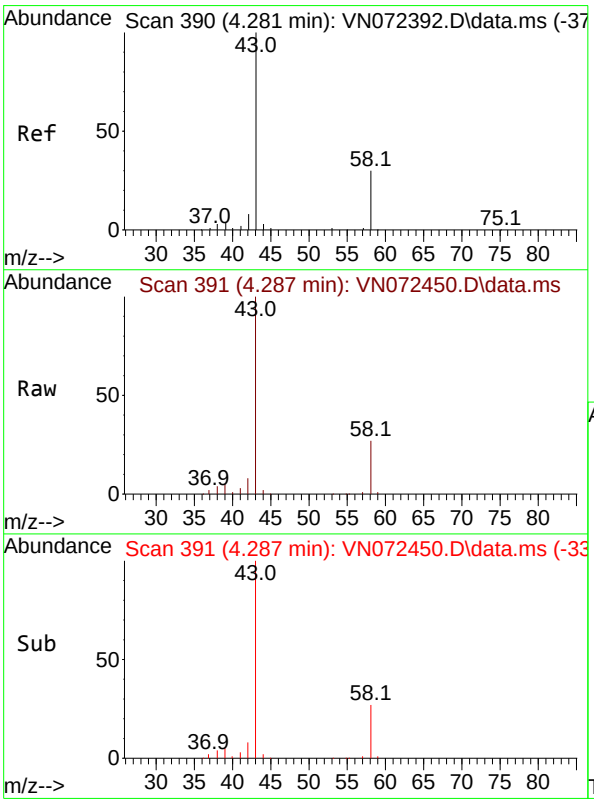
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion:168 Resp: 191755

Ion	Ratio	Lower	Upper
168	100		
99	64.3	42.3	63.5#

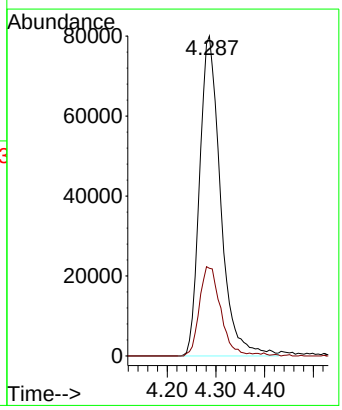


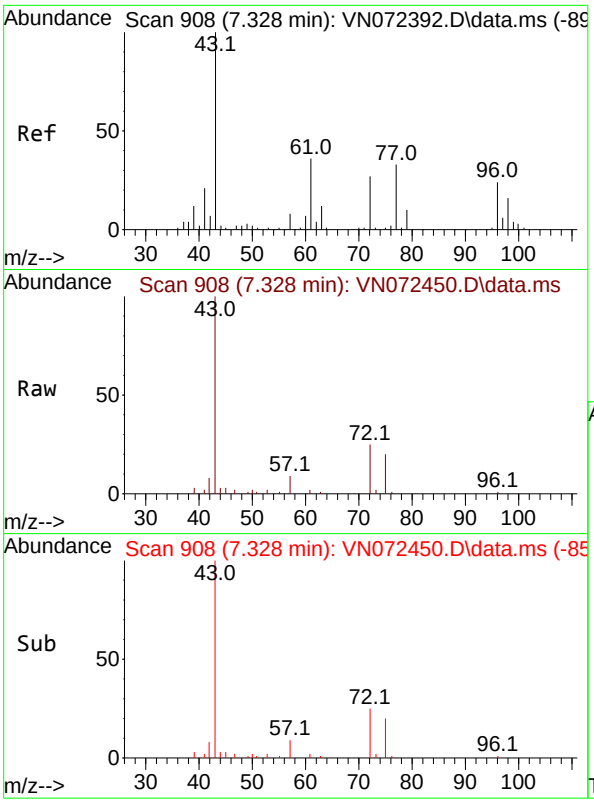


#16
Acetone
Concen: 205.243 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion: 43 Resp: 238732

Ion	Ratio	Lower	Upper
43	100		
58	27.4	26.0	39.0



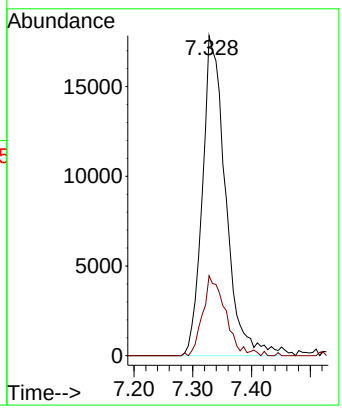


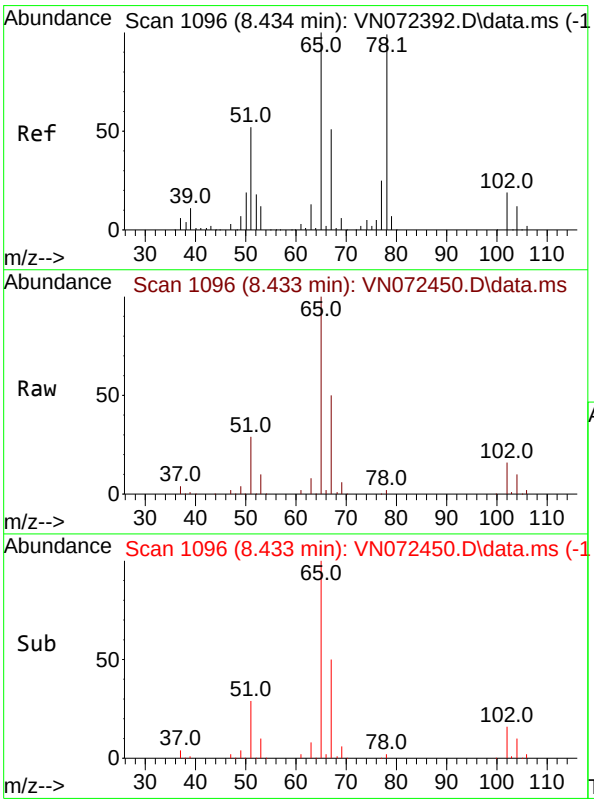
#25
2-Butanone
Concen: 26.686 ug/l
RT: 7.328 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion: 43 Resp: 48990

Ion	Ratio	Lower	Upper
43	100		
72	25.0	23.7	35.5

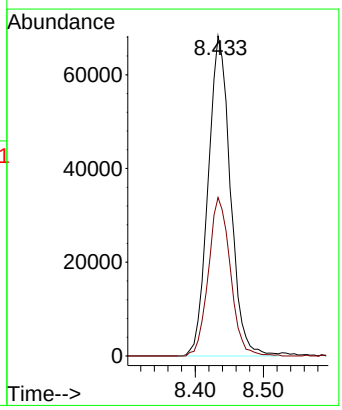


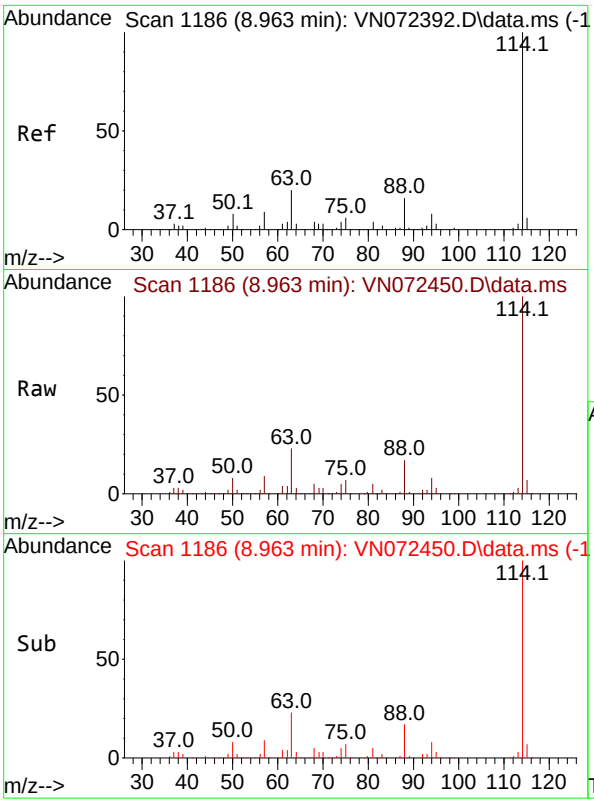


#33
1,2-Dichloroethane-d4
Concen: 52.850 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion: 65 Resp: 155222

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	104.8



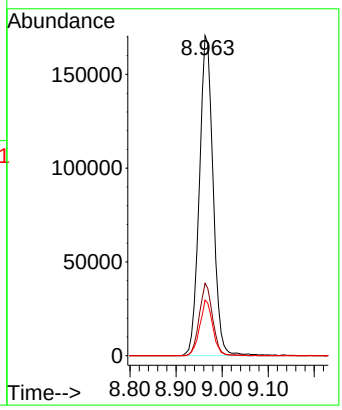


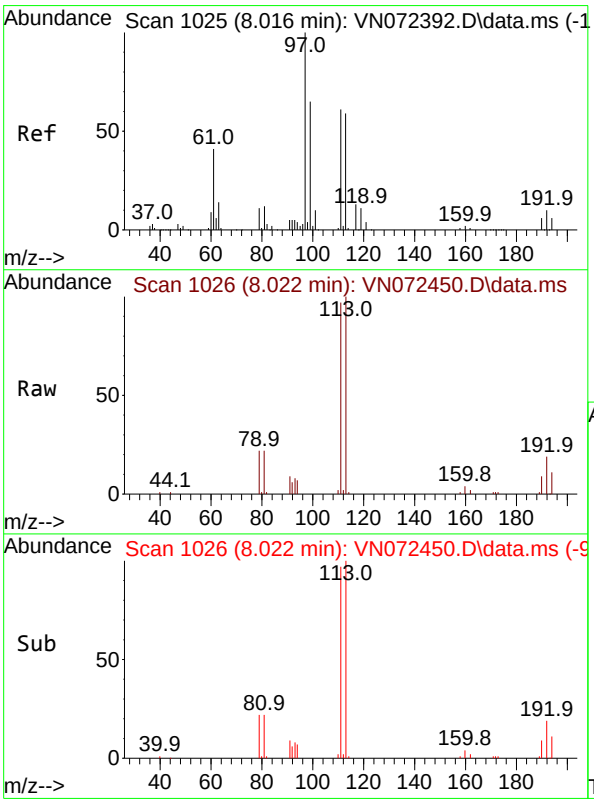
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion:114 Resp: 356796

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	40.0
88	17.4	0.0	32.6

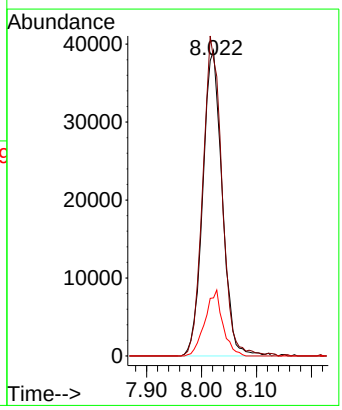


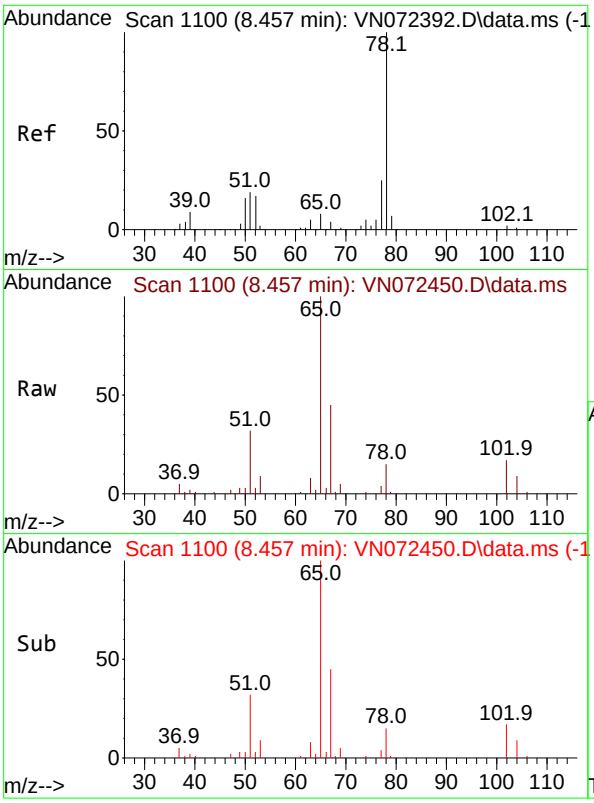


#35
Dibromofluoromethane
Concen: 40.447 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion:113 Resp: 96011

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	19.9	17.0	25.6



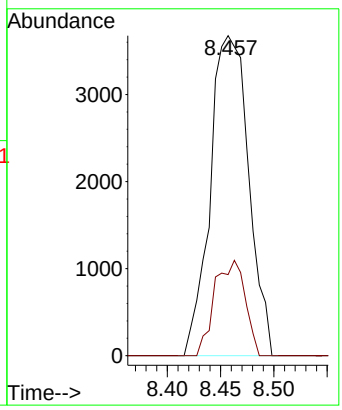


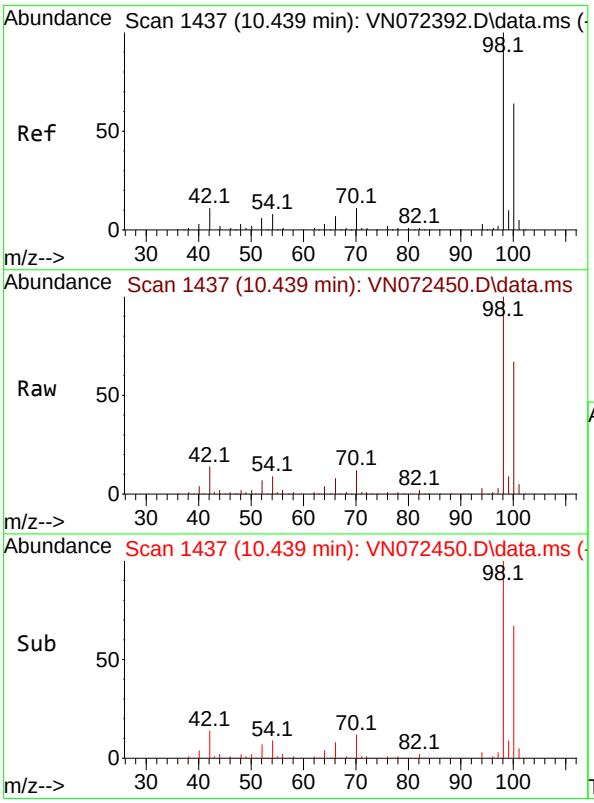
#40
Benzene
Concen: 0.906 ug/l
RT: 8.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion: 78 Resp: 9225

Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.4	29.0

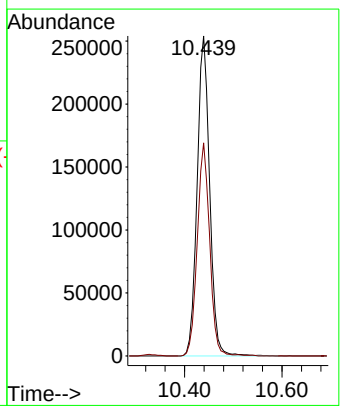


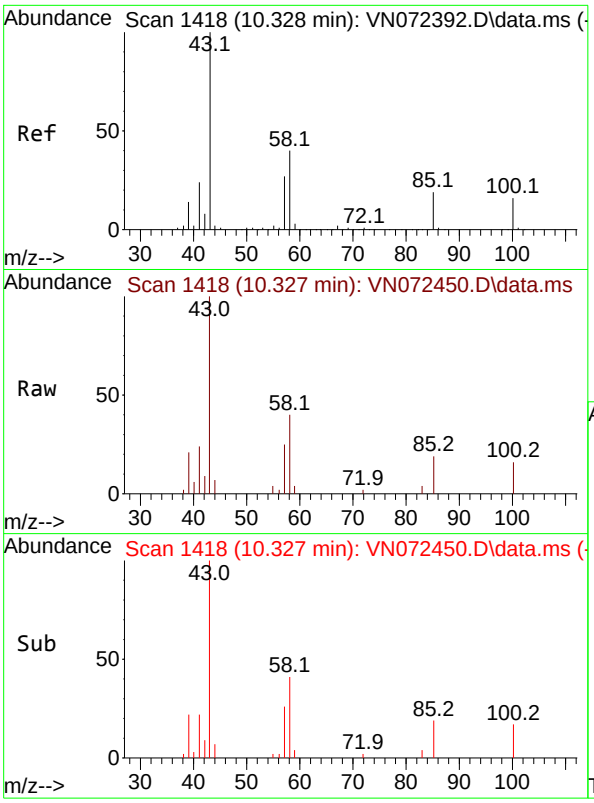


#50
Toluene-d8
Concen: 50.141 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion: 98 Resp: 453301

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8



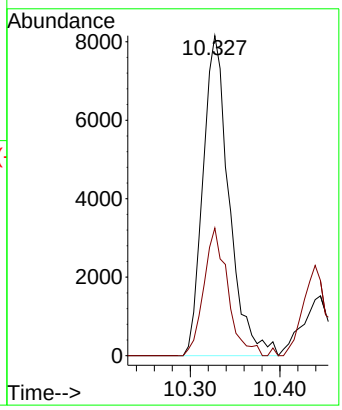


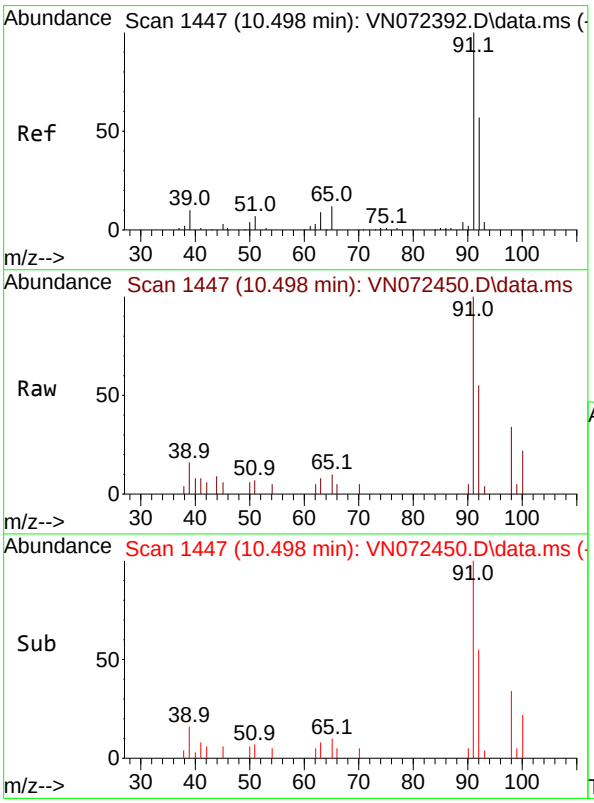
#51
4-Methyl-2-Pentanone
Concen: 4.218 ug/l
RT: 10.327 min Scan# 14
Delta R.T. -0.001 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion: 43 Resp: 16457

Ion	Ratio	Lower	Upper
43	100		
58	36.7	34.1	51.1

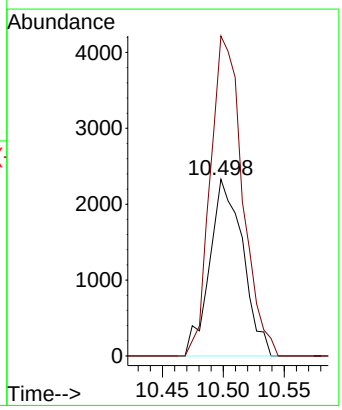


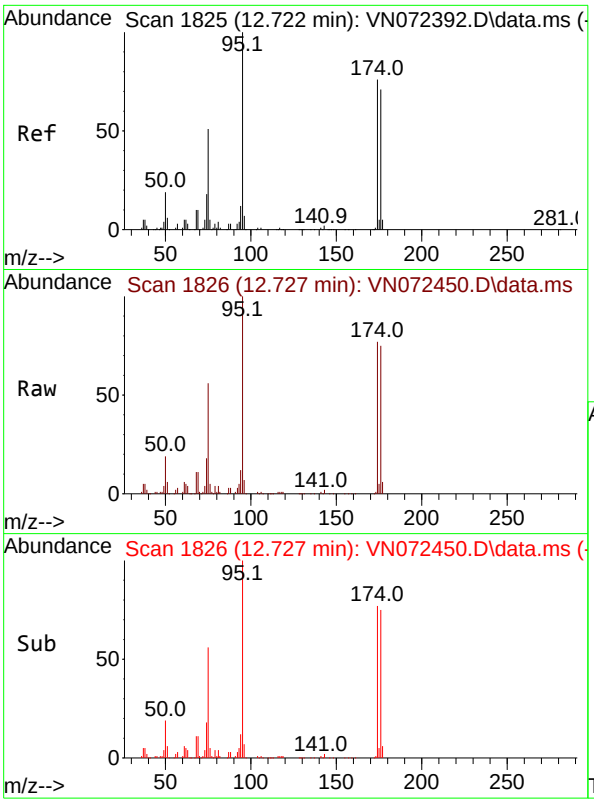


#52
Toluene
Concen: 0.704 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion: 92 Resp: 4419

Ion	Ratio	Lower	Upper
92	100		
91	175.3	138.6	207.8



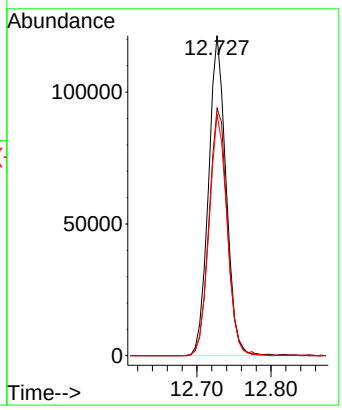


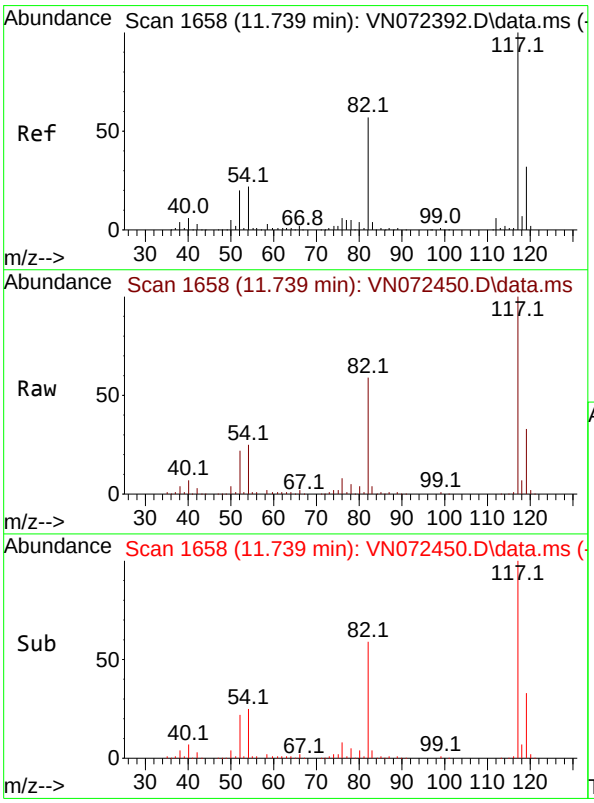
#62
4-Bromofluorobenzene
Concen: 66.652 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion: 95 Resp: 200116

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	167.6
176	77.0	0.0	163.4

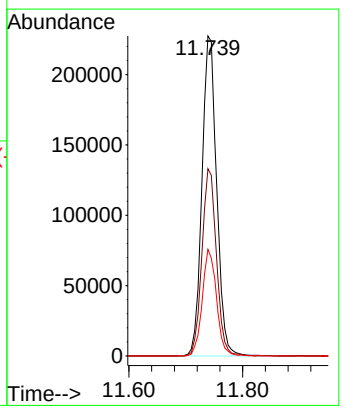


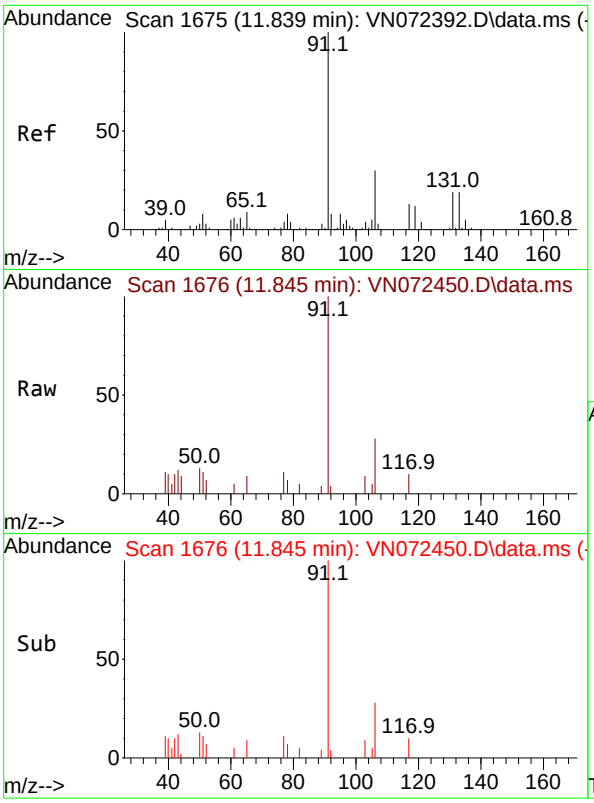


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion:117 Resp: 407201

Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.2	66.2
119	33.3	25.4	38.0



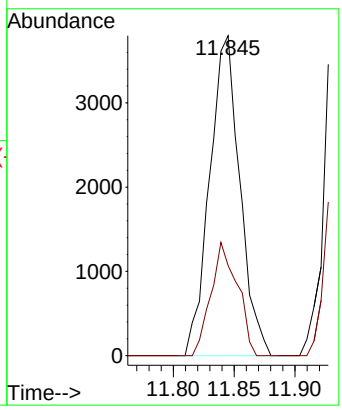


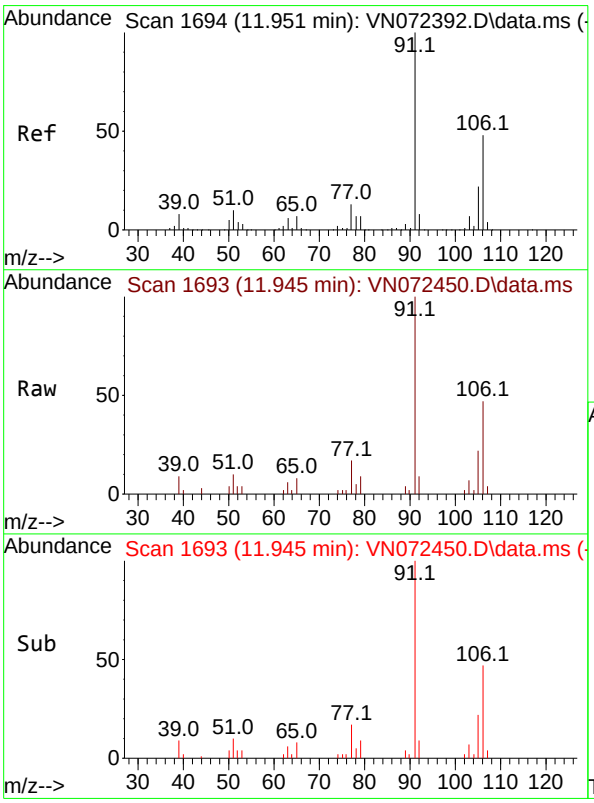
#67
Ethyl Benzene
Concen: 0.457 ug/l
RT: 11.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion: 91 Resp: 6563

Ion	Ratio	Lower	Upper
91	100		
106	28.2	24.9	37.3

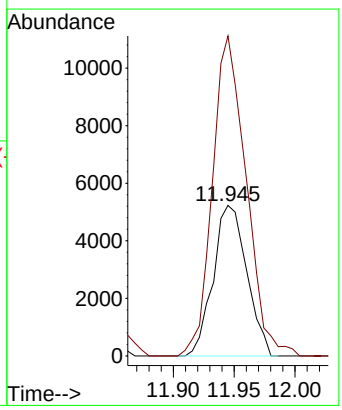


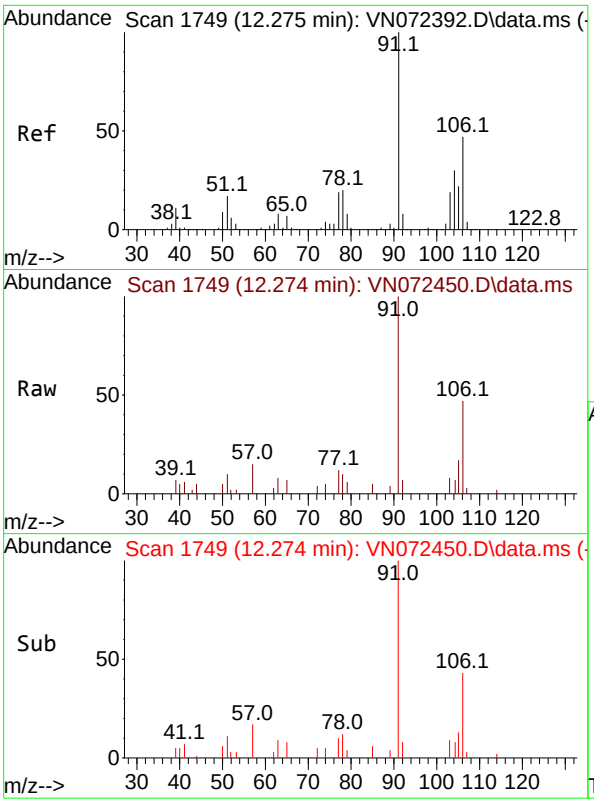


#68
m/p-Xylenes
Concen: 1.845 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion:106 Resp: 10044

Ion	Ratio	Lower	Upper
106	100		
91	213.1	158.9	238.3



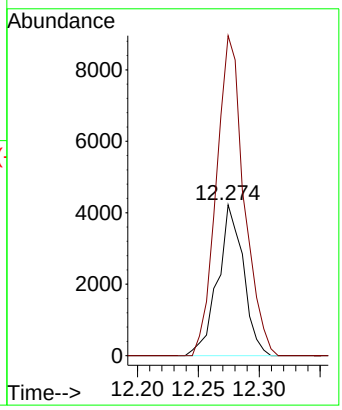


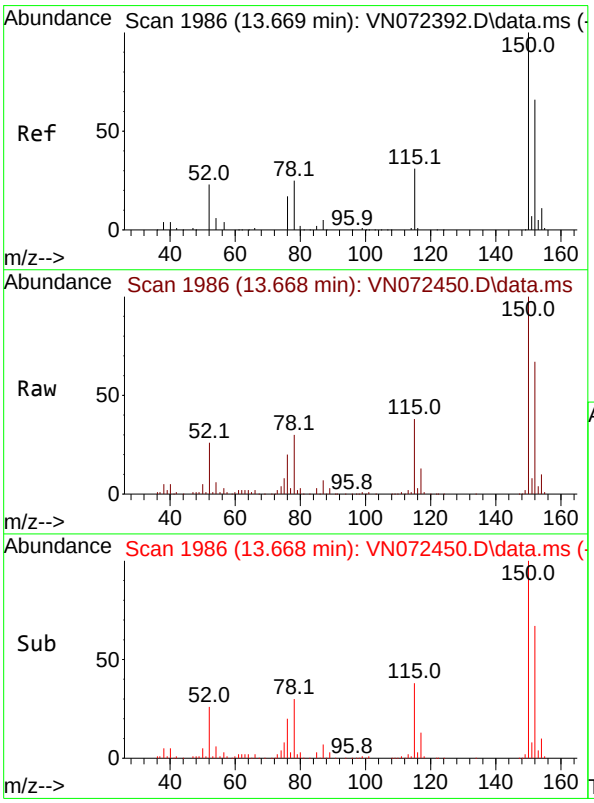
#69
o-Xylene
Concen: 1.159 ug/l
RT: 12.274 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion:106 Resp: 6197

Ion	Ratio	Lower	Upper
106	100		
91	229.1	106.0	318.0

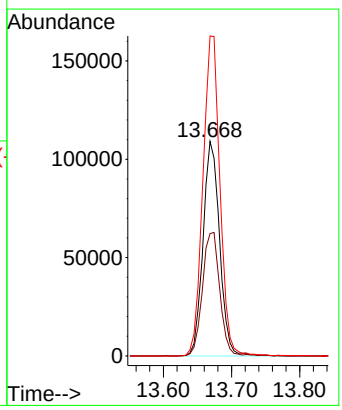


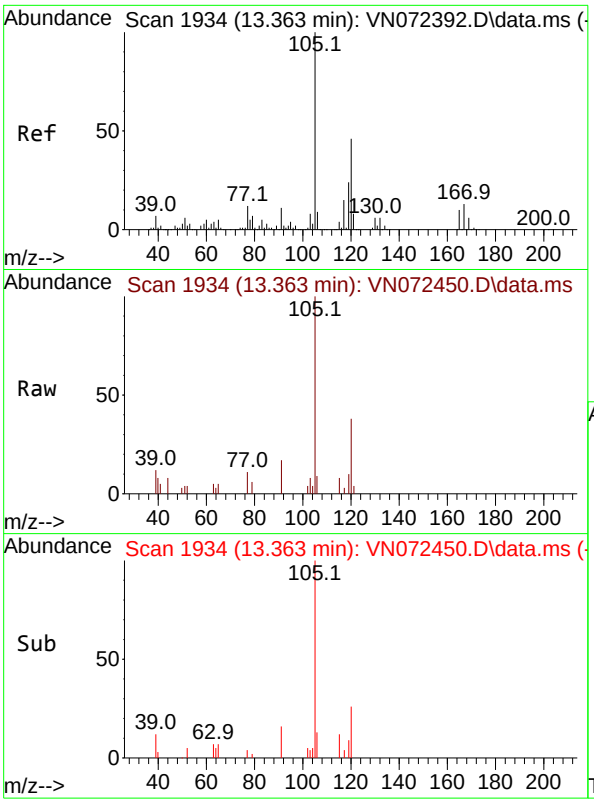


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion:152 Resp: 184548

Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.9	86.7
150	153.6	0.0	356.2



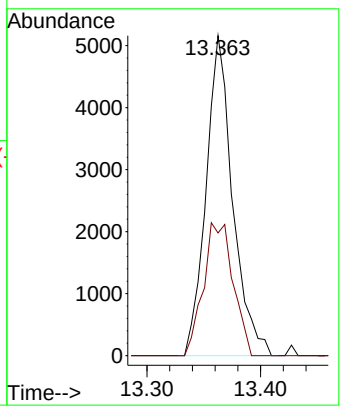


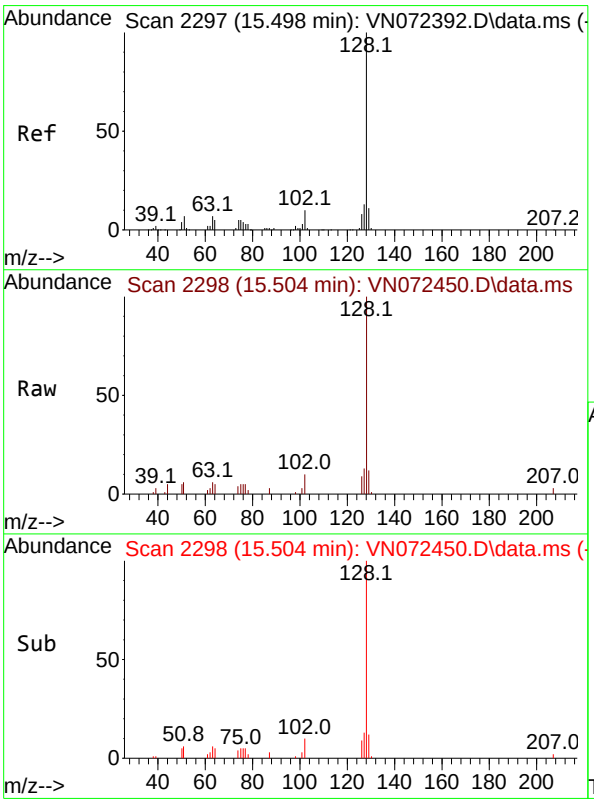
#84
1,2,4-Trimethylbenzene
Concen: 0.690 ug/l
RT: 13.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14RE

Tgt Ion:105 Resp: 8410

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.3	69.8





#95
Naphthalene
Concen: 6.106 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072450.D
Acq: 12 May 2022 14:07

Tgt Ion:128 Resp: 27594

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.0	8.6	13.0