Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
Data File : VN080096.D
Acq On : 14 Nov 2023 18:01
Operator : JC\MD
Sample : 05382-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-18

Quant Time: Nov 15 04:44:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	190493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	360895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162188	55.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.760%			
35) Dibromofluoromethane	8.165	113	125470	49.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	10.571	98	465676	49.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.853	95	185824	59.586	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.180%			
Target Compounds						Qvalue
16) Acetone	4.436	43	62635	61.441	ug/l	97
20) Methylene Chloride	5.277	84	7665	2.980	ug/l #	77
25) 2-Butanone	7.494	43	8367	5.605	ug/l #	85
40) Benzene	8.612	78	239610	21.935	ug/l	99
43) Isopropyl Acetate	8.688	43	163776	27.921	ug/l #	82
52) Toluene	10.629	92	141840	21.903	ug/l	100
67) Ethyl Benzene	11.965	91	26605	1.818	ug/l	92
68) m/p-Xylenes	12.071	106	43780	8.030	ug/l	92
69) o-Xylene	12.400	106	28547	5.438	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	22521m	2.172	ug/l	
95) Naphthalene	15.647	128	159133	16.945	ug/l	99

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

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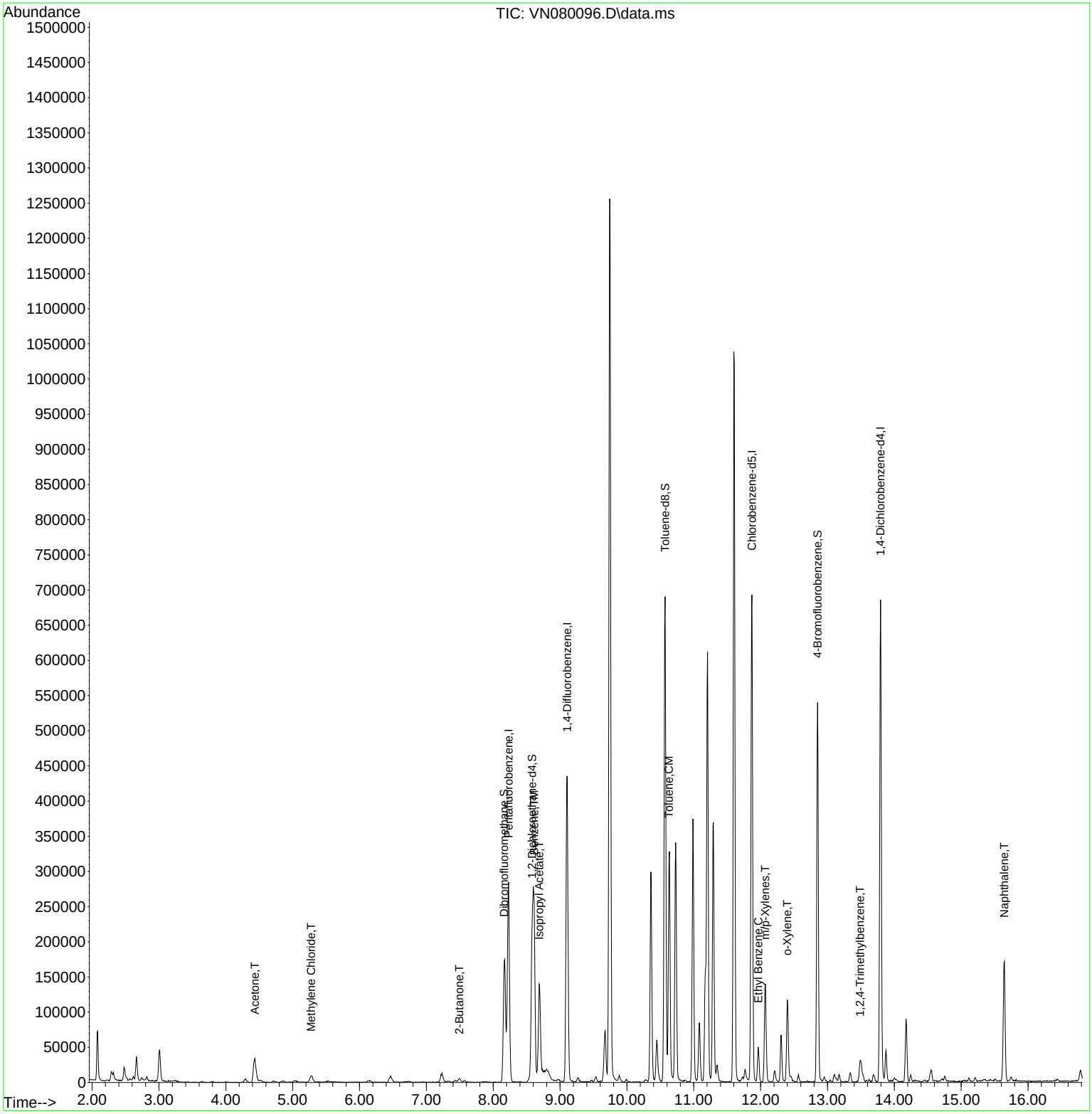
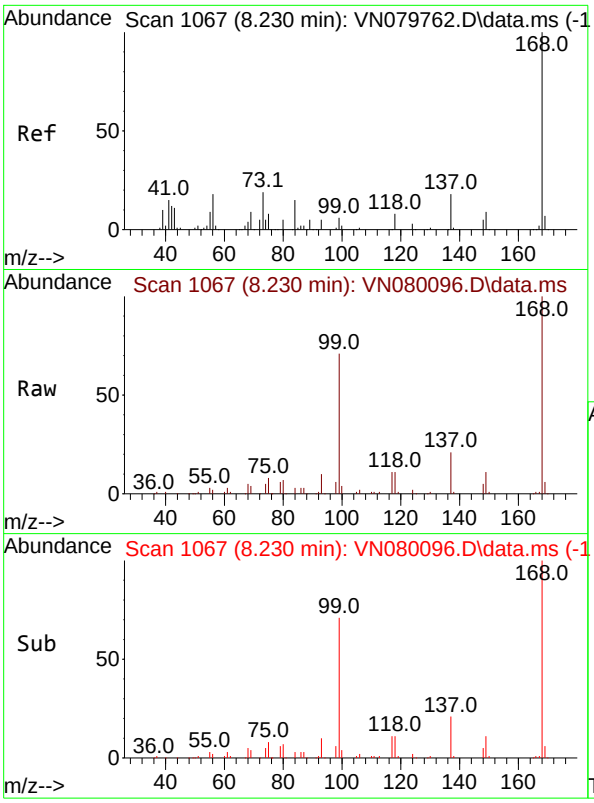
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



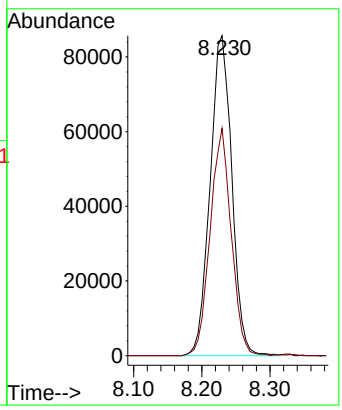


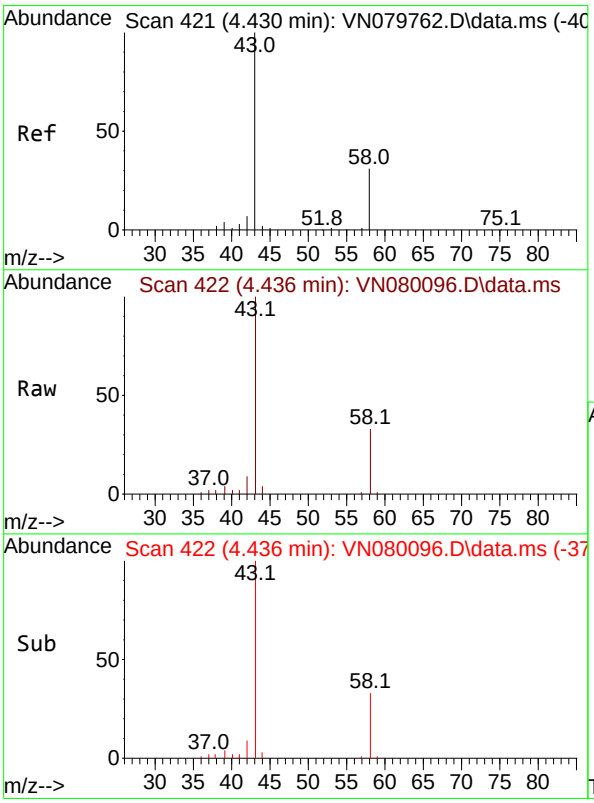
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion:168 Resp: 190493

Ion	Ratio	Lower	Upper
168	100		
99	71.1	53.0	79.6

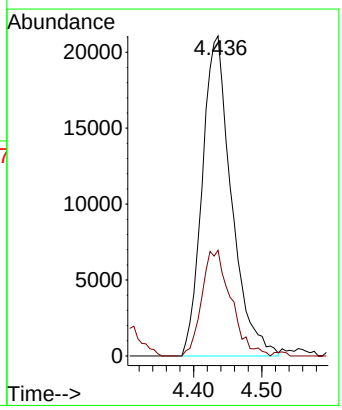


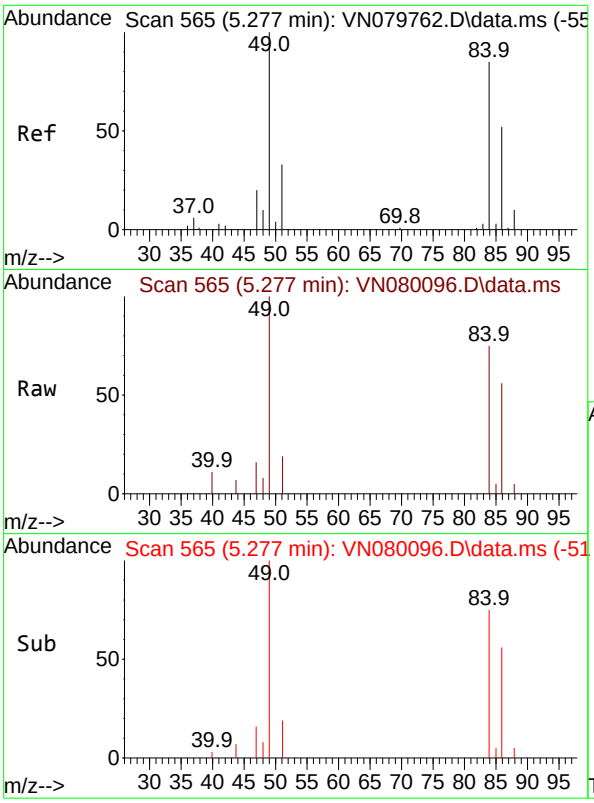


#16
Acetone
Concen: 61.441 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion: 43 Resp: 62635

Ion	Ratio	Lower	Upper
43	100		
58	33.0	28.0	42.0



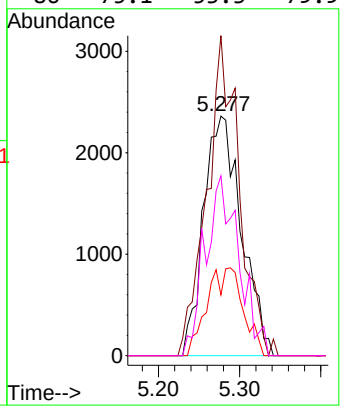


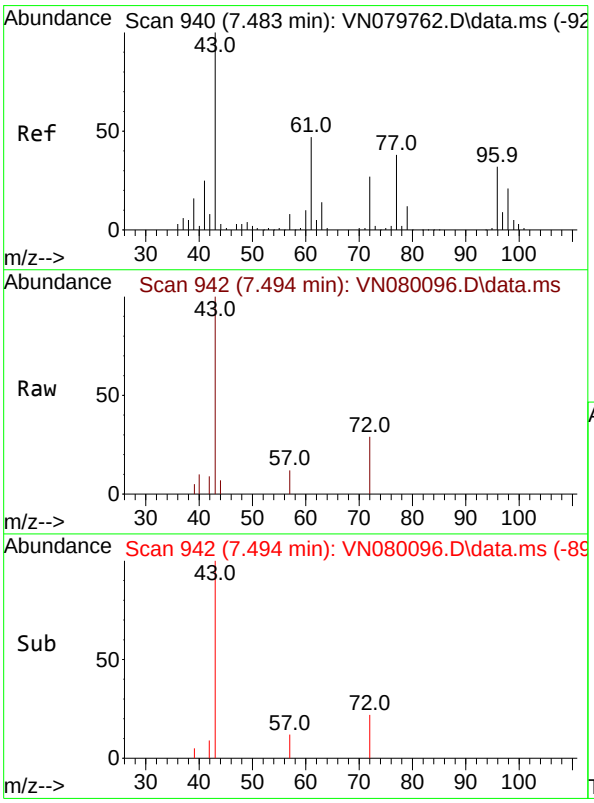
#20
Methylene Chloride
Concen: 2.980 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion: 84 Resp: 7665

Ion	Ratio	Lower	Upper
84	100		
49	133.6	79.7	119.5#
51	25.4	25.2	37.8
86	75.1	53.3	79.9

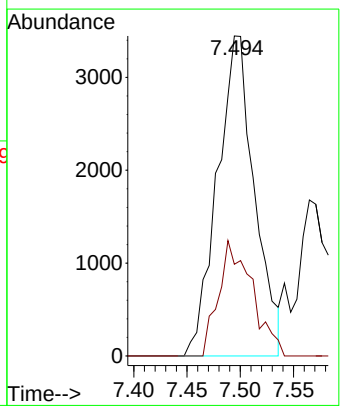


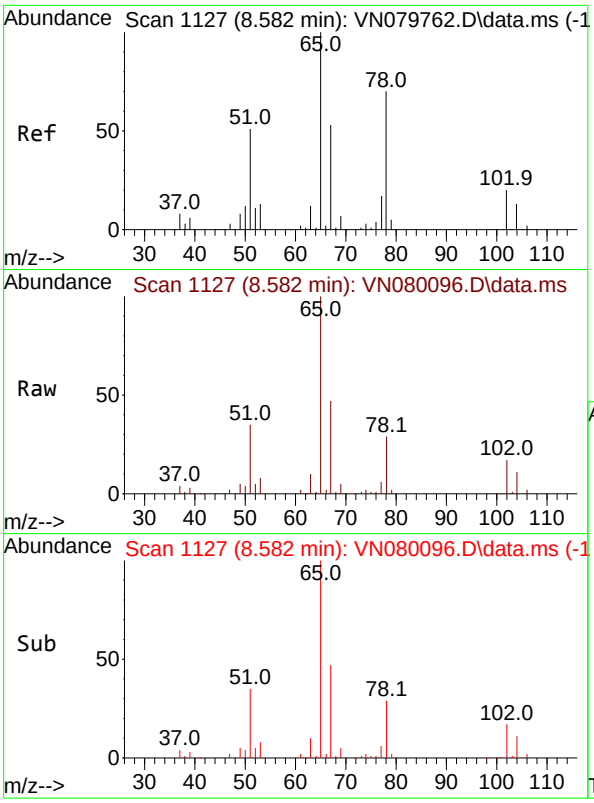


#25
2-Butanone
Concen: 5.605 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion: 43 Resp: 8367

Ion	Ratio	Lower	Upper
43	100		
72	28.7	30.2	45.2#



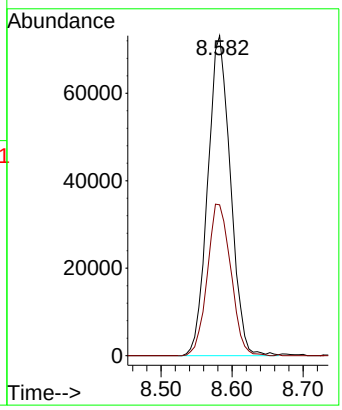


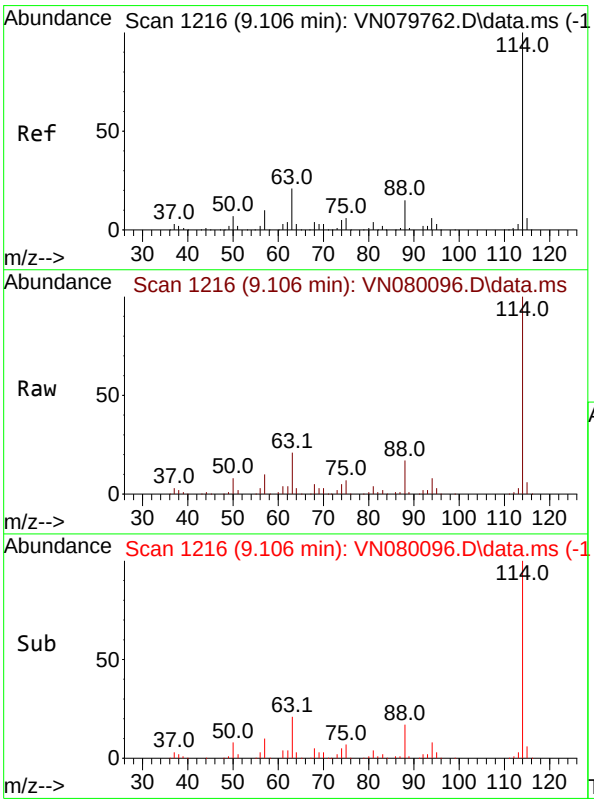
#33
1,2-Dichloroethane-d4
Concen: 55.884 ug/l
RT: 8.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion: 65 Resp: 162188

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	106.6

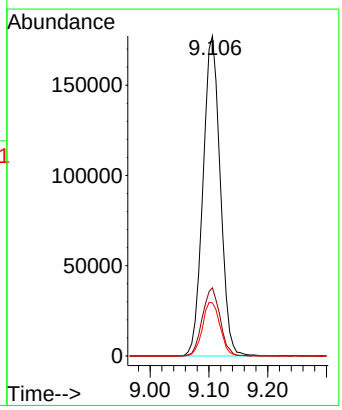


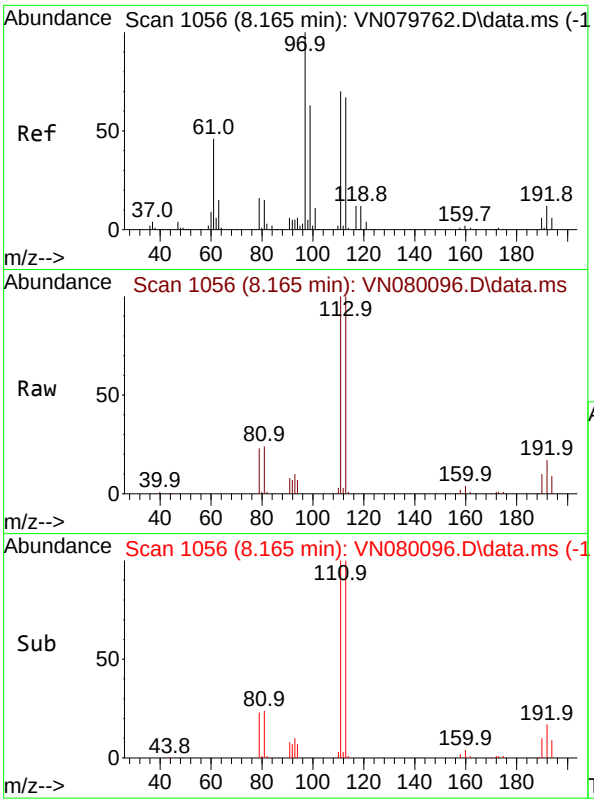


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion:114 Resp: 360895

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	36.4
88	16.6	0.0	30.6



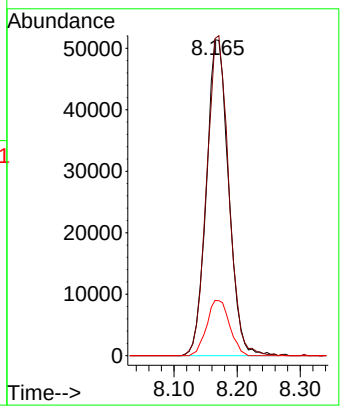


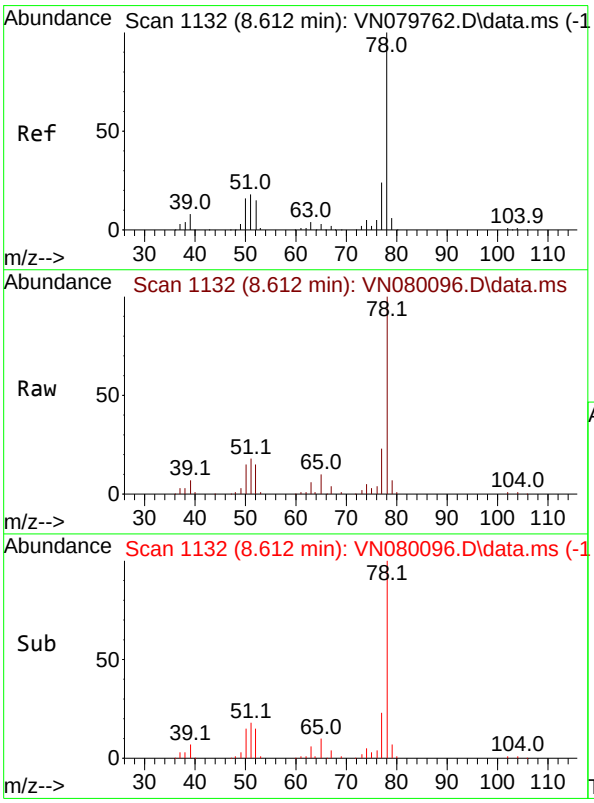
#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion:113 Resp: 125470

Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.6	123.8
192	18.0	12.7	19.1

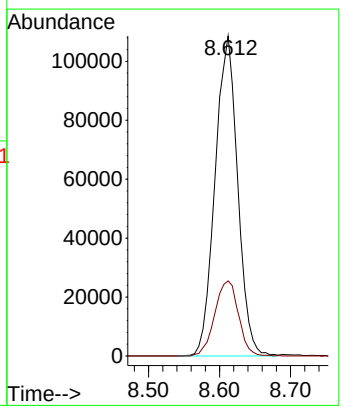


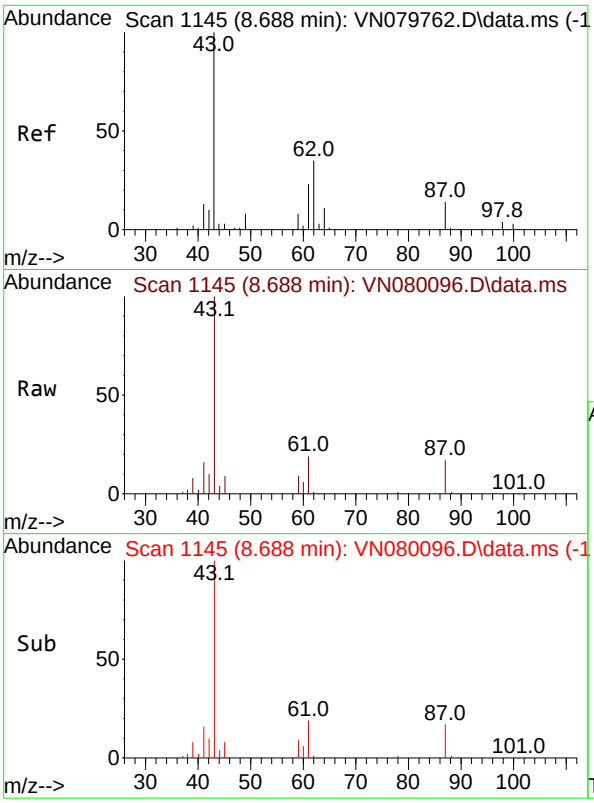


#40
Benzene
Concen: 21.935 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion: 78 Resp: 239610

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6



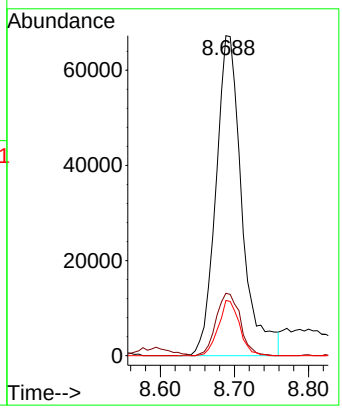


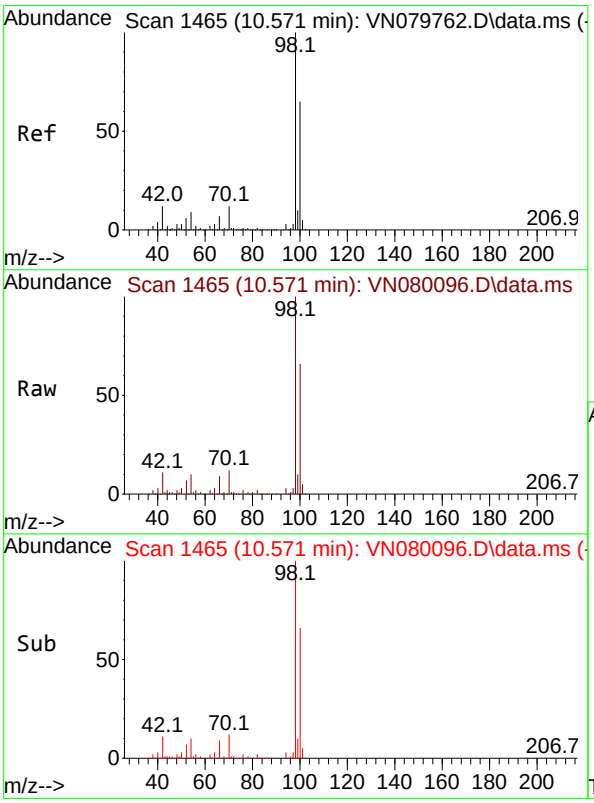
#43
Isopropyl Acetate
Concen: 27.921 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion: 43 Resp: 163776

Ion	Ratio	Lower	Upper
43	100		
61	18.1	24.7	37.1#
87	14.0	14.6	21.8#

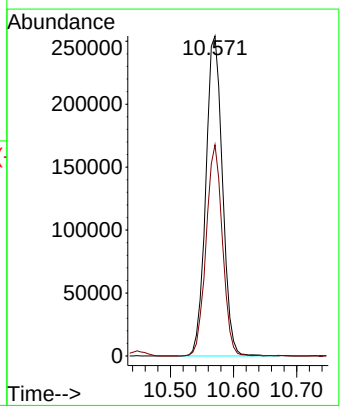


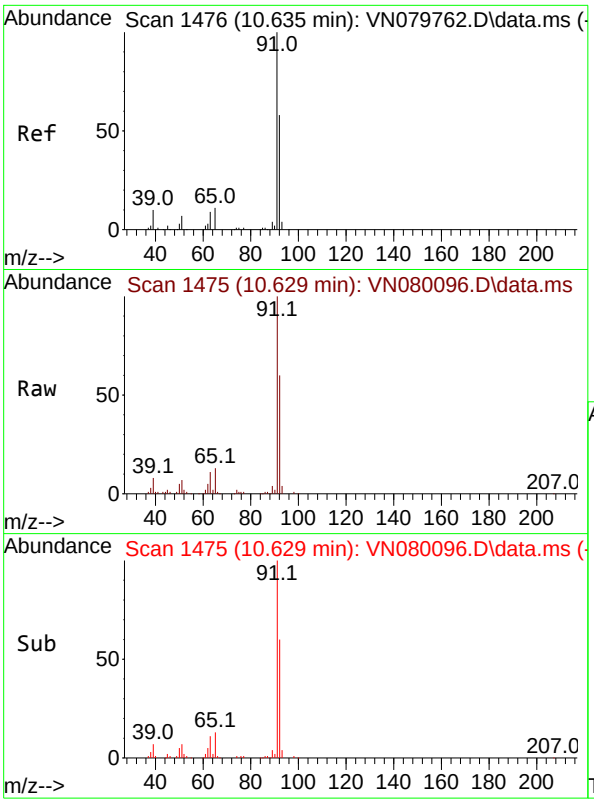


#50
Toluene-d8
Concen: 49.523 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion: 98 Resp: 465676

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0



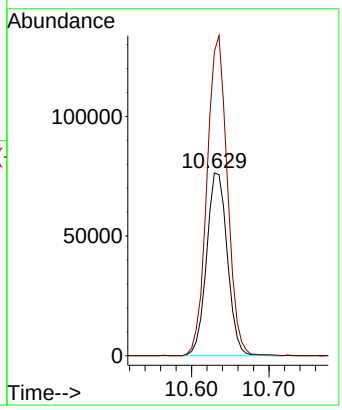


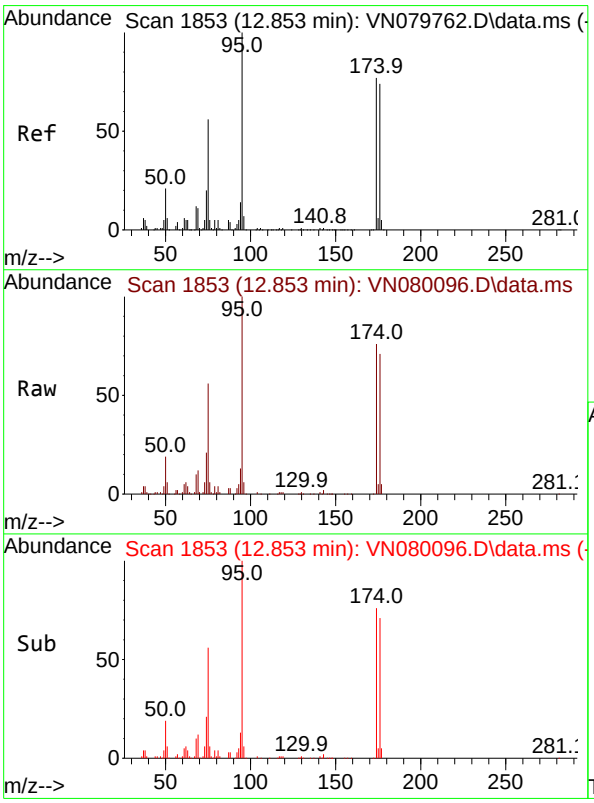
#52
Toluene
Concen: 21.903 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion: 92 Resp: 141840

Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.4	206.0

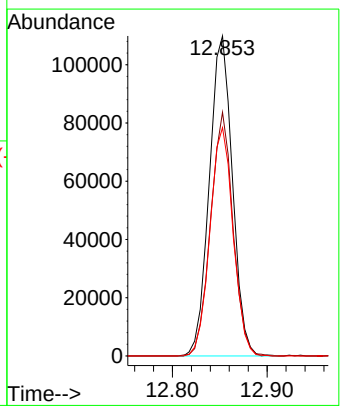


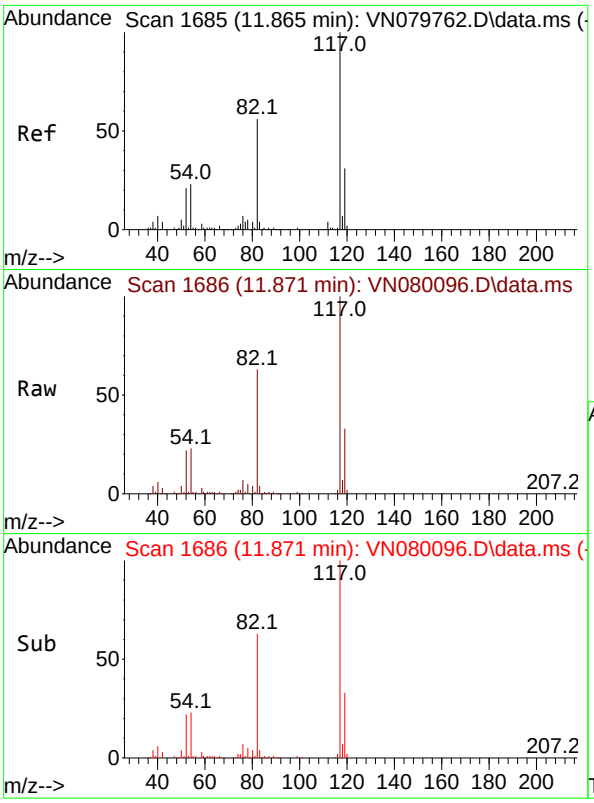


#62
4-Bromofluorobenzene
Concen: 59.586 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion: 95 Resp: 185824

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	143.8
176	71.5	0.0	135.8



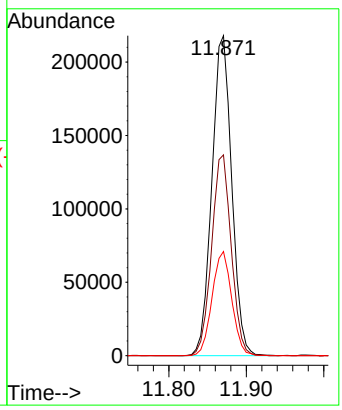


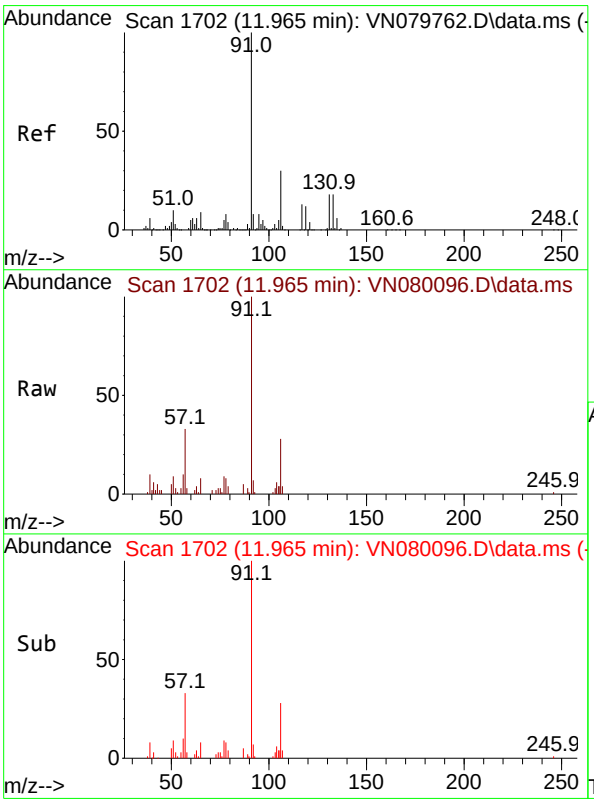
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion:117 Resp: 387258

Ion	Ratio	Lower	Upper
117	100		
82	62.8	44.0	66.0
119	32.6	25.6	38.4

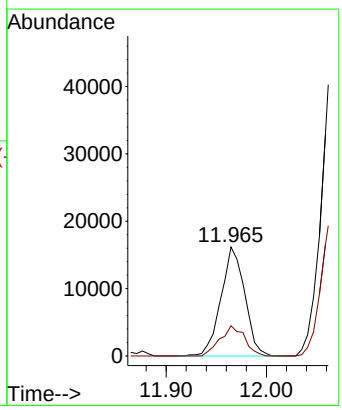


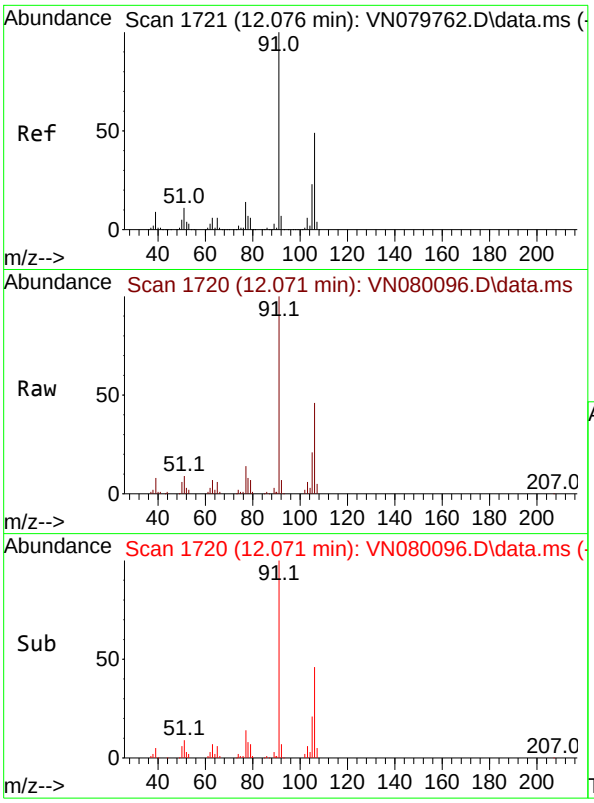


#67
Ethyl Benzene
Concen: 1.818 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion: 91 Resp: 26605

Ion	Ratio	Lower	Upper
91	100		
106	27.7	25.6	38.4



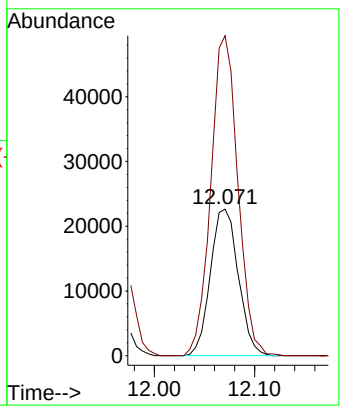


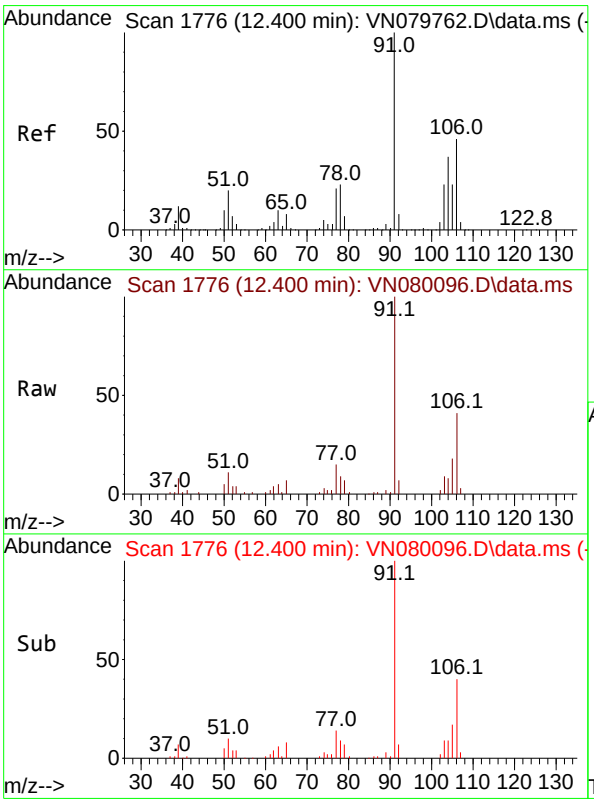
#68
m/p-Xylenes
Concen: 8.030 ug/l
RT: 12.071 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion:106 Resp: 43780

Ion	Ratio	Lower	Upper
106	100		
91	211.2	159.6	239.4

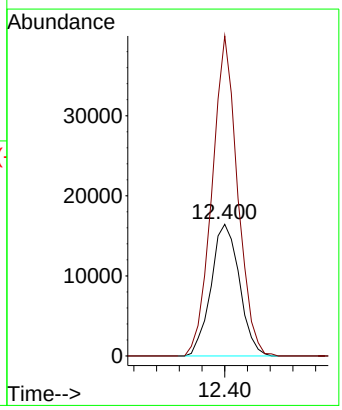


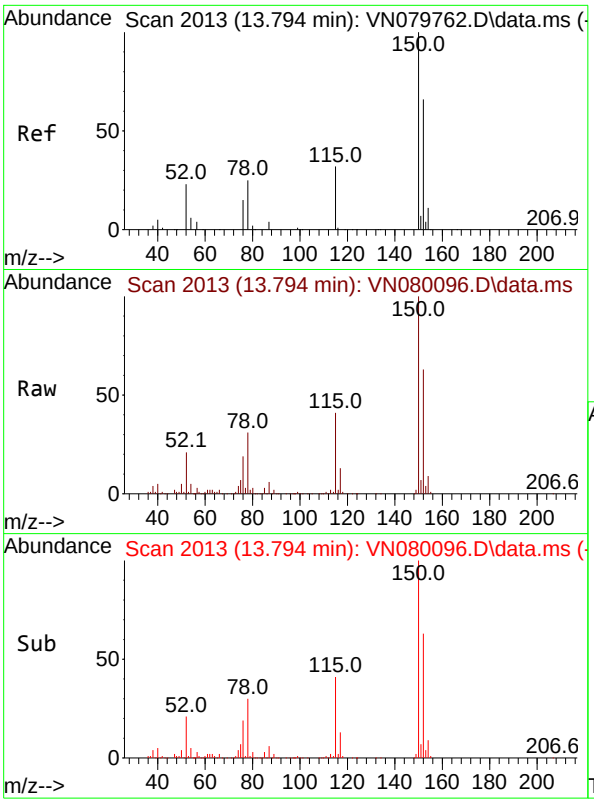


#69
o-Xylene
Concen: 5.438 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion:106 Resp: 28547

Ion	Ratio	Lower	Upper
106	100		
91	218.5	105.2	315.5



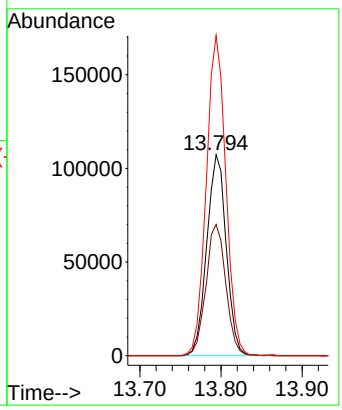


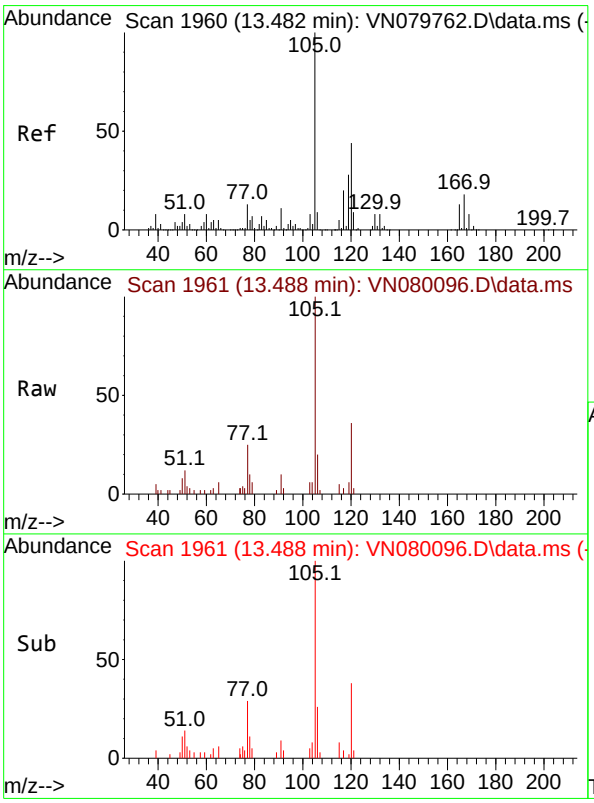
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion:152 Resp: 178480

Ion	Ratio	Lower	Upper
152	100		
115	66.7	32.3	96.8
150	159.8	0.0	355.8

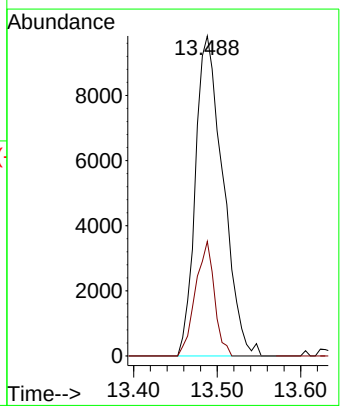


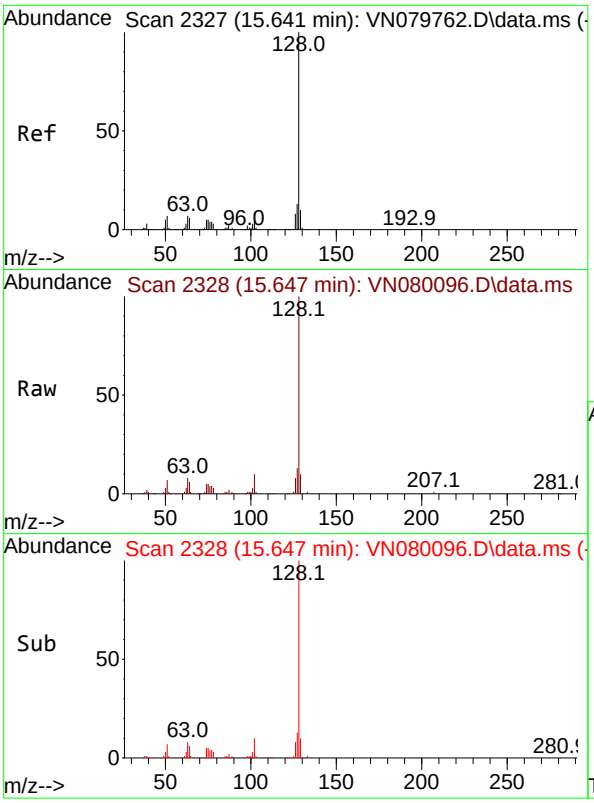


#84
1,2,4-Trimethylbenzene
Concen: 2.172 ug/l m
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Tgt Ion:105 Resp: 22521

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.0	66.0#





#95
Naphthalene
Concen: 16.945 ug/l
RT: 15.647 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN080096.D
Acq: 14 Nov 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
S-18

Tgt Ion:128 Resp: 159133

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.0	15.0
129	11.7	8.7	13.1