Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
Data File : VN080414.D
Acq On : 08 Dec 2023 18:21
Operator : JC\MD
Sample : 05650-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50195

Quant Time: Dec 08 22:44:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

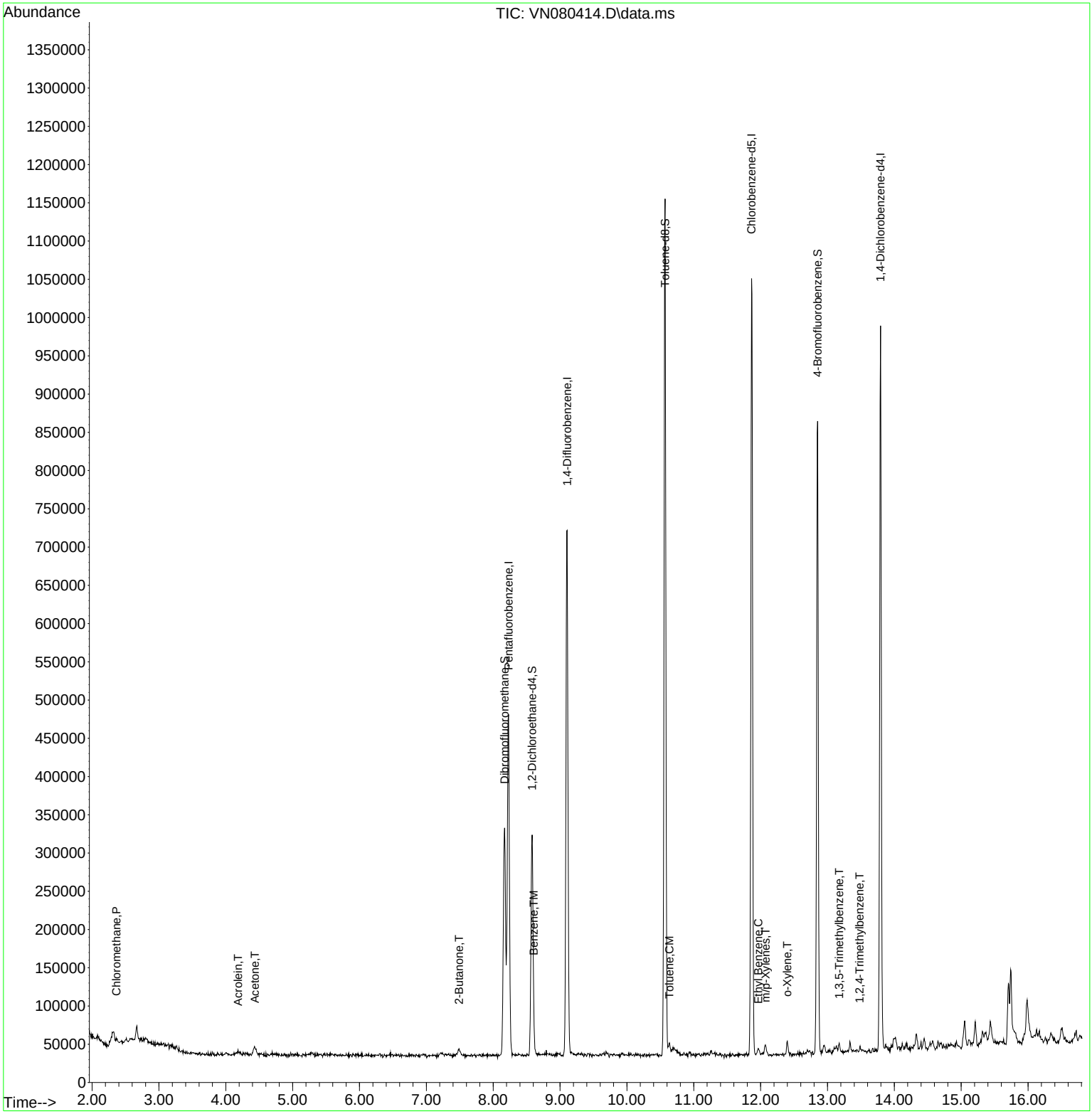
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	319377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	607497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	247460	46.926	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.860%			
35) Dibromofluoromethane	8.171	113	217822	49.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.140%			
50) Toluene-d8	10.571	98	785161	49.068	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.853	95	305593	50.561	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.120%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	6125	1.712	ug/l	98
13) Acrolein	4.183	56	7634	14.875	ug/l #	82
16) Acetone	4.436	43	19474	10.995	ug/l	98
25) 2-Butanone	7.488	43	12871	6.116	ug/l #	87
40) Benzene	8.606	78	5989	0.328	ug/l	94
52) Toluene	10.635	92	5308	0.464	ug/l	87
67) Ethyl Benzene	11.965	91	5522	0.225	ug/l	92
68) m/p-Xylenes	12.076	106	3982	0.446	ug/l	82
69) o-Xylene	12.400	106	4635	0.551	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	4310	0.253	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	3789	0.226	ug/l	80

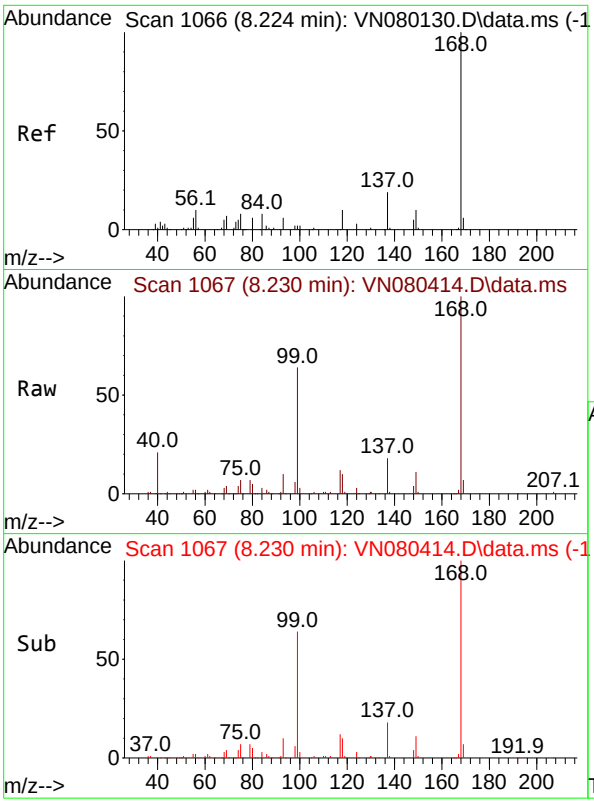
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
Data File : VN080414.D
Acq On : 08 Dec 2023 18:21
Operator : JC\MD
Sample : 05650-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50195

Quant Time: Dec 08 22:44:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



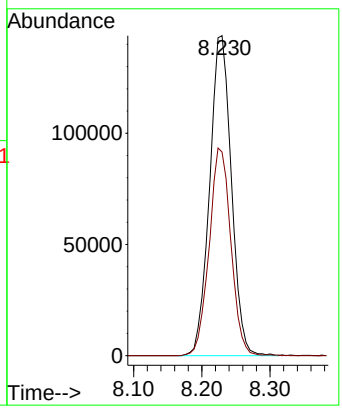


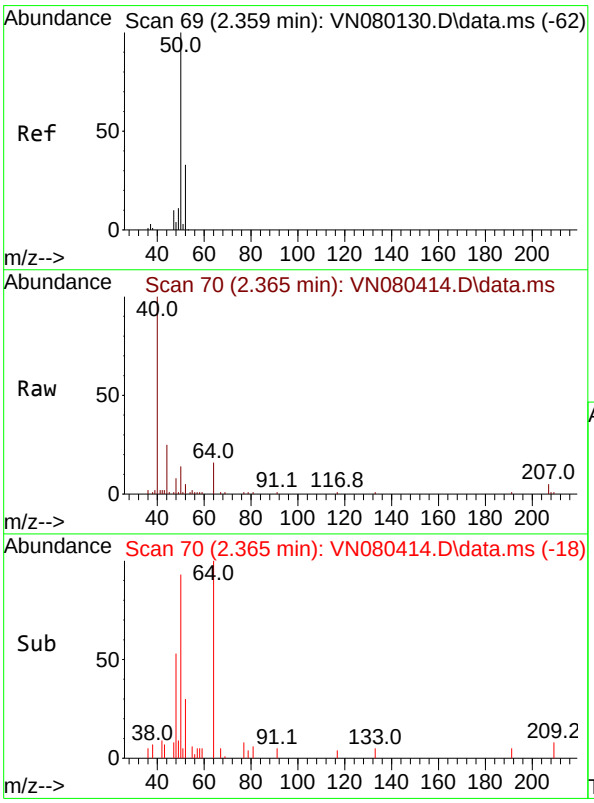
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion:168 Resp: 319377

Ion	Ratio	Lower	Upper
168	100		
99	63.7	53.0	79.6

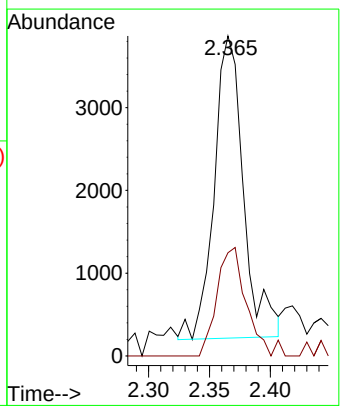


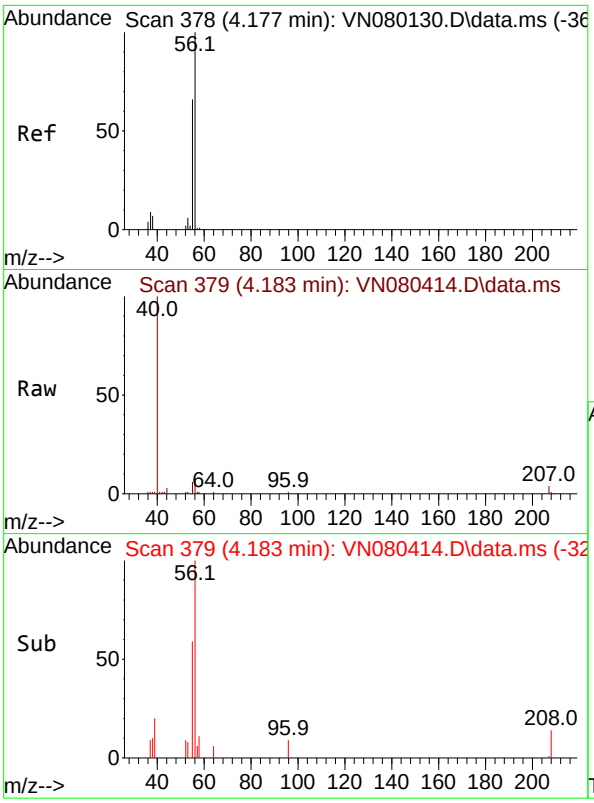


#3
Chloromethane
Concen: 1.712 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion: 50 Resp: 6125

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.5	39.7



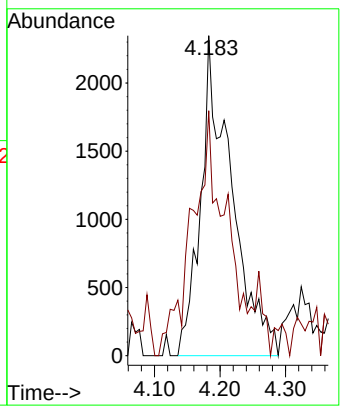


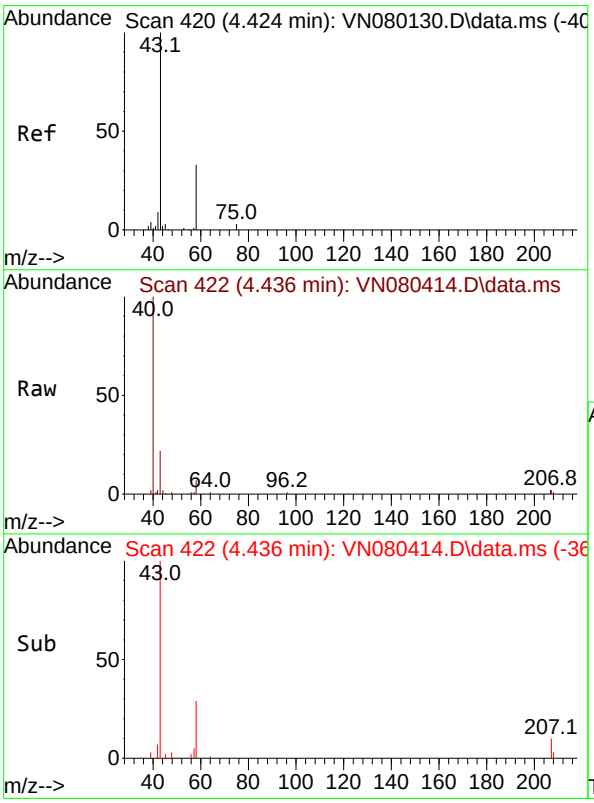
#13
Acrolein
Concen: 14.875 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion: 56 Resp: 7634

Ion	Ratio	Lower	Upper
56	100		
55	82.8	54.5	81.7#

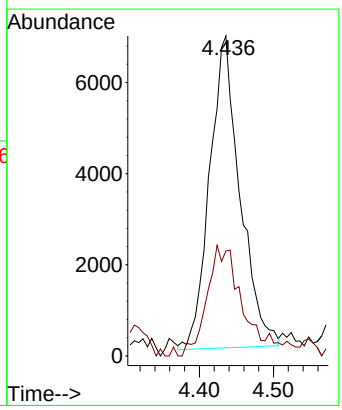


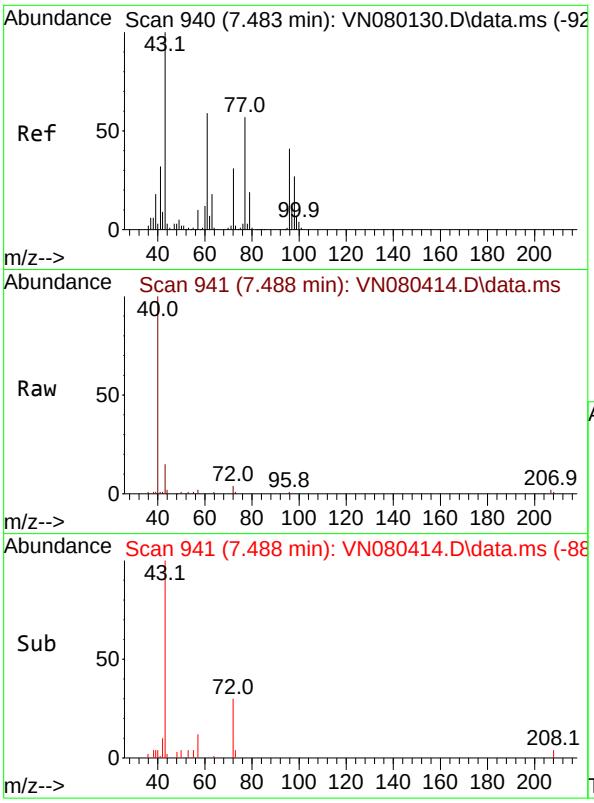


#16
Acetone
Concen: 10.995 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion: 43 Resp: 19474

Ion	Ratio	Lower	Upper
43	100		
58	33.9	28.0	42.0



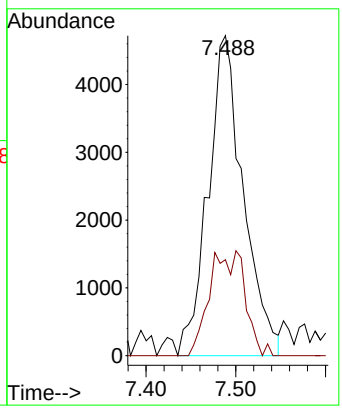


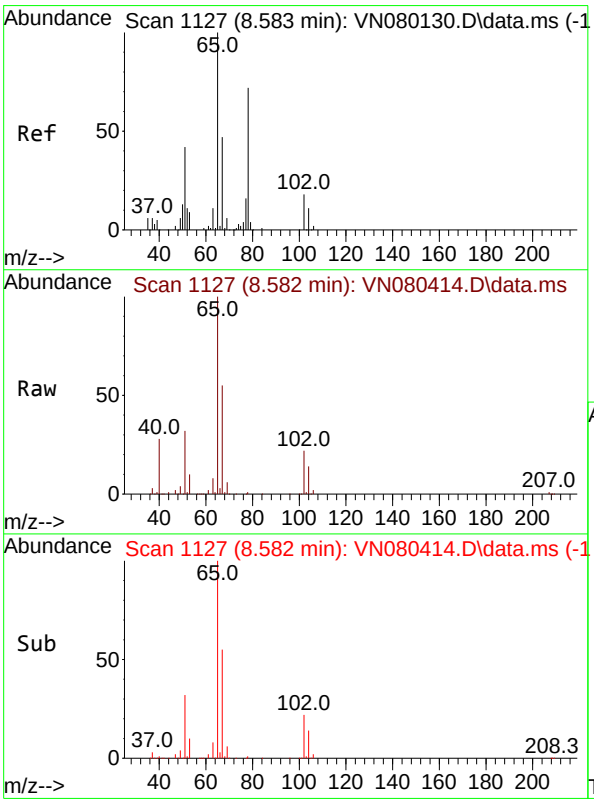
#25
2-Butanone
Concen: 6.116 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion: 43 Resp: 12871

Ion	Ratio	Lower	Upper
43	100		
72	30.0	30.2	45.2#

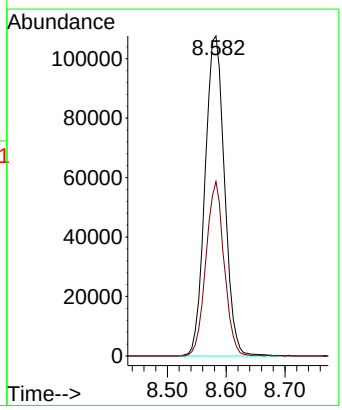


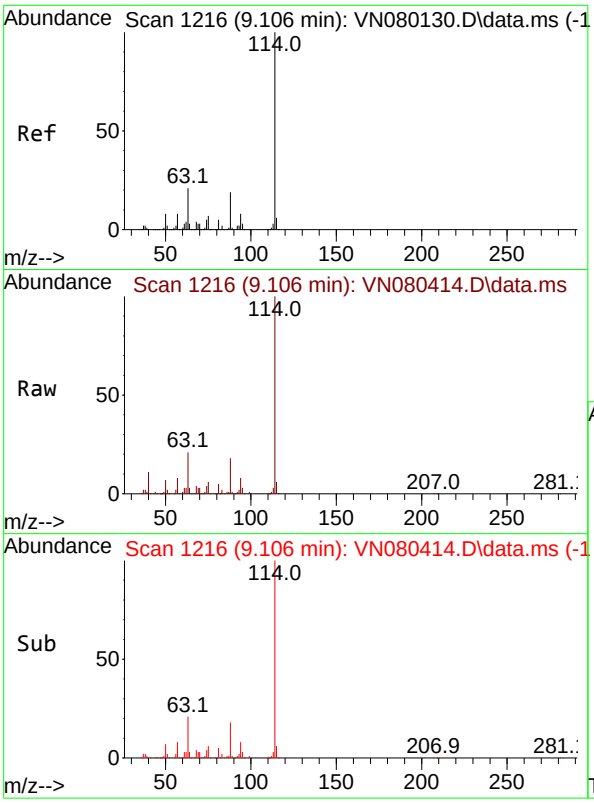


#33
1,2-Dichloroethane-d4
Concen: 46.926 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion: 65 Resp: 247460

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	106.6



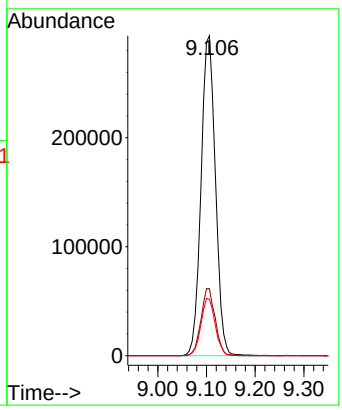


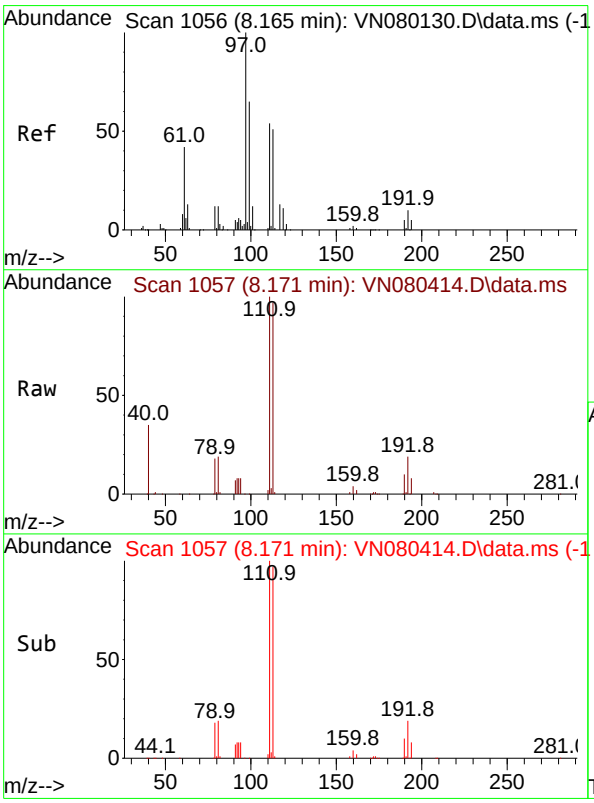
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion:114 Resp: 601590

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	36.4
88	17.6	0.0	30.6

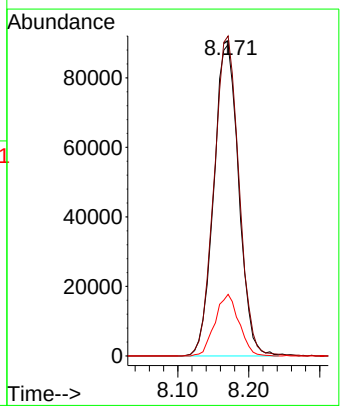


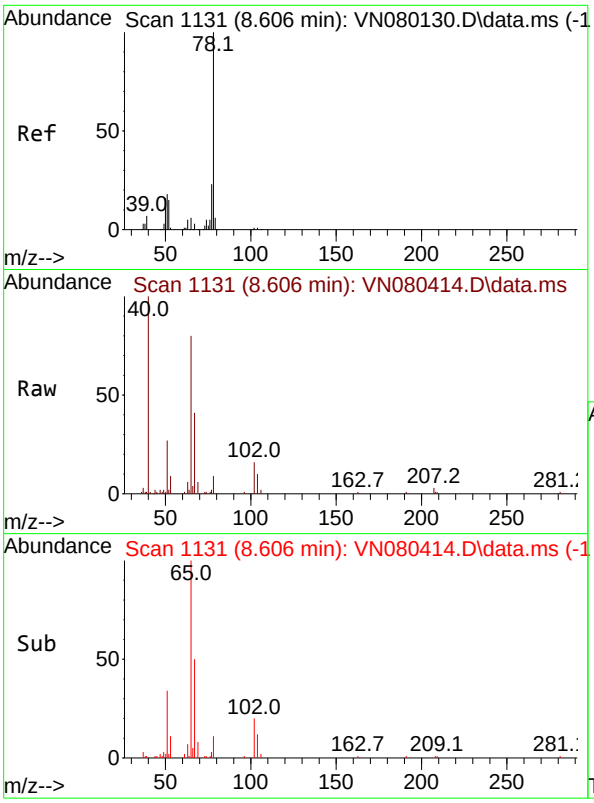


#35
Dibromofluoromethane
Concen: 49.071 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion:113 Resp: 217822

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.1	12.7	19.1



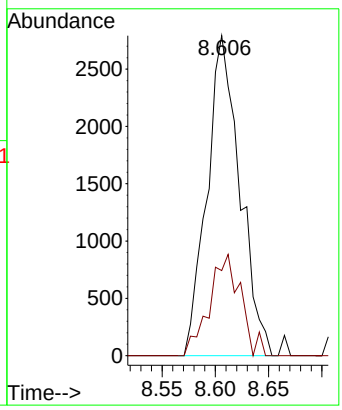


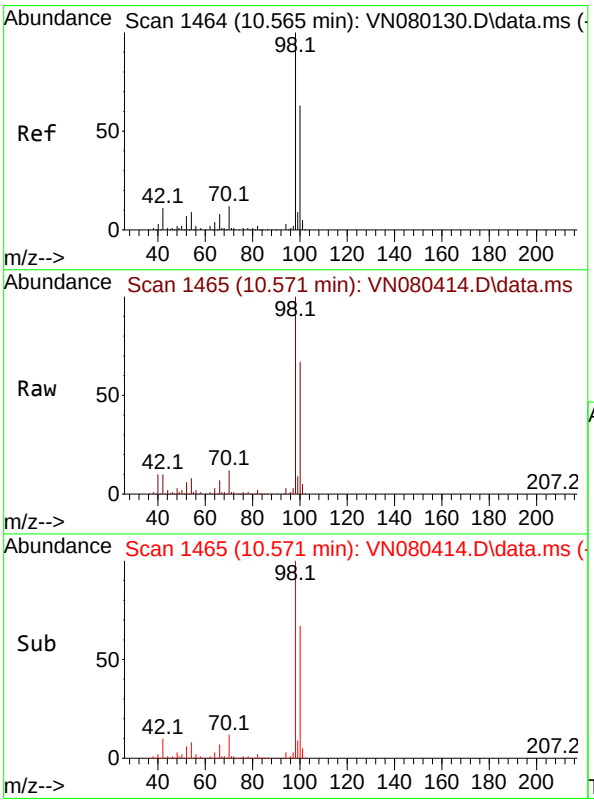
#40
Benzene
Concen: 0.328 ug/l
RT: 8.606 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion: 78 Resp: 5989

Ion	Ratio	Lower	Upper
78	100		
77	26.6	19.0	28.6

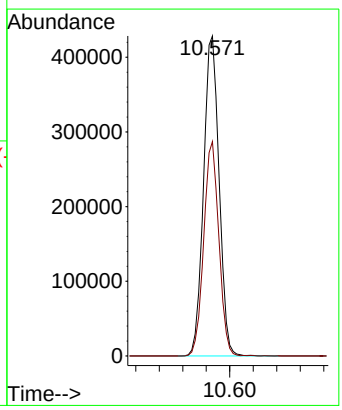


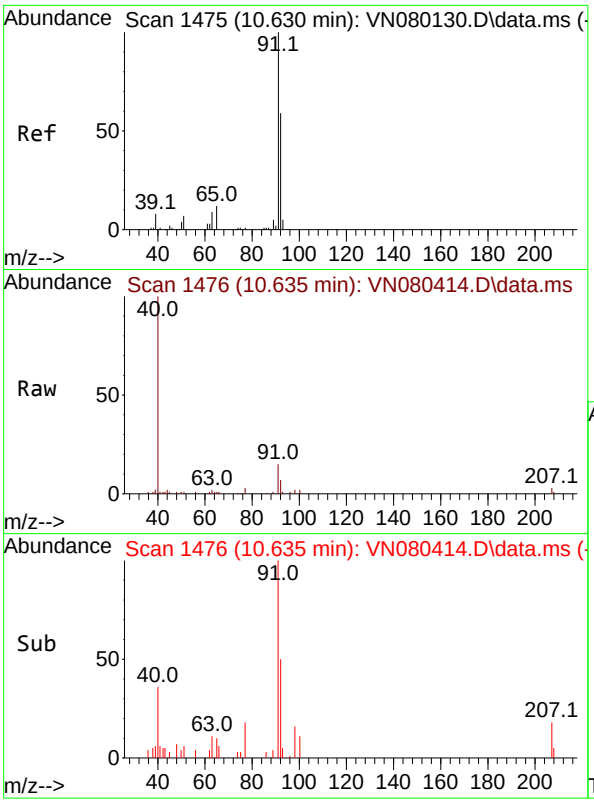


#50
Toluene-d8
Concen: 49.068 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion: 98 Resp: 785161

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0



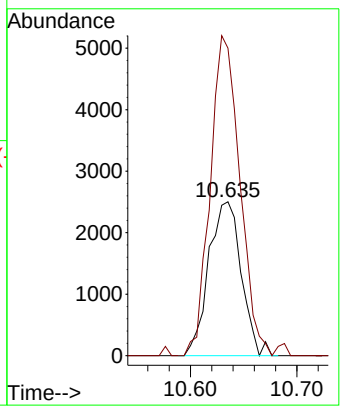


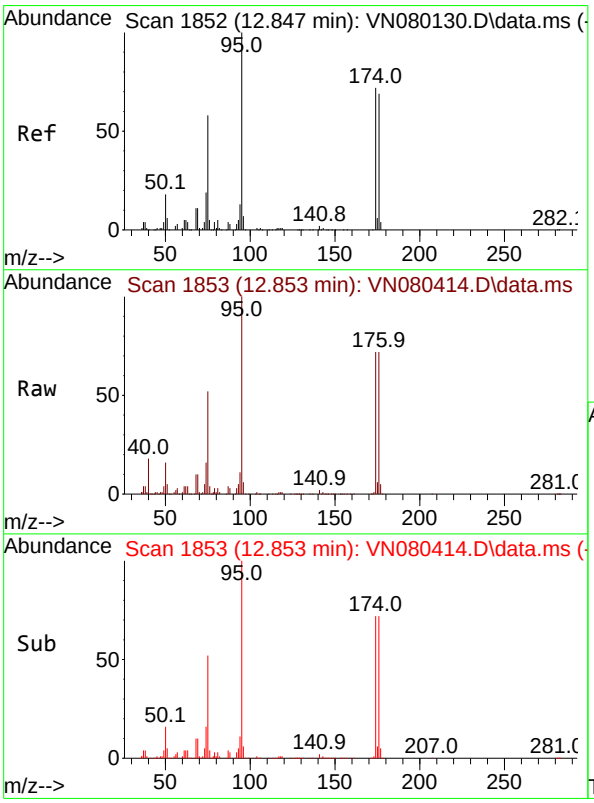
#52
Toluene
Concen: 0.464 ug/l
RT: 10.635 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion: 92 Resp: 5308

Ion	Ratio	Lower	Upper
92	100		
91	189.7	137.4	206.0

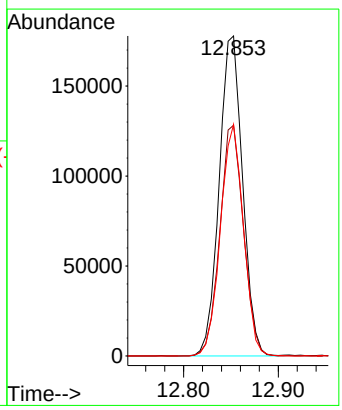


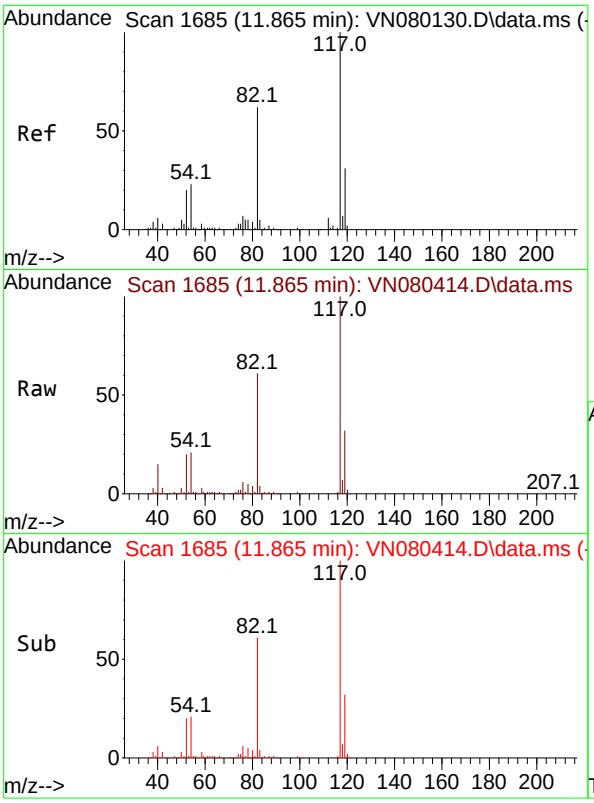


#62
4-Bromofluorobenzene
Concen: 50.561 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion: 95 Resp: 305593

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	143.8
176	71.2	0.0	135.8



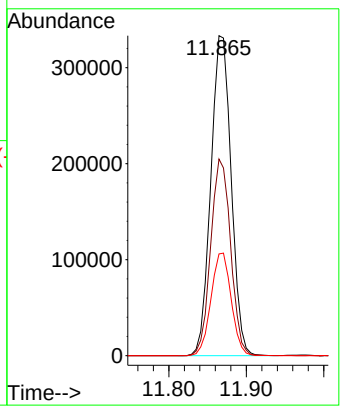


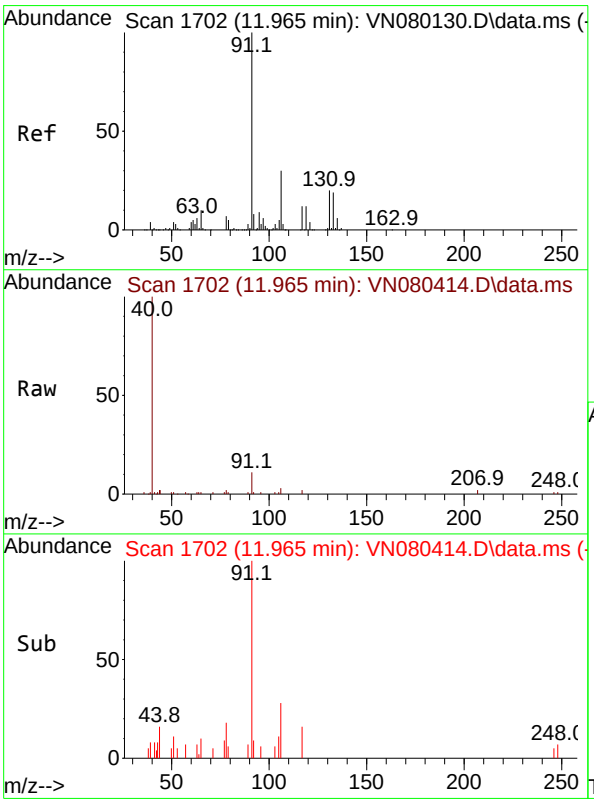
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion:117 Resp: 607497

Ion	Ratio	Lower	Upper
117	100		
82	61.5	44.0	66.0
119	31.8	25.6	38.4

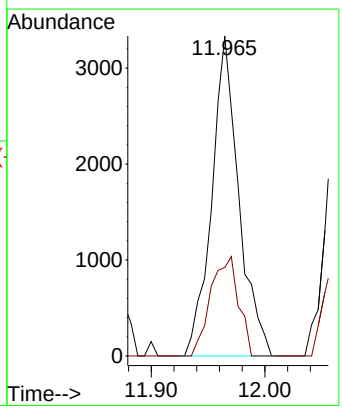


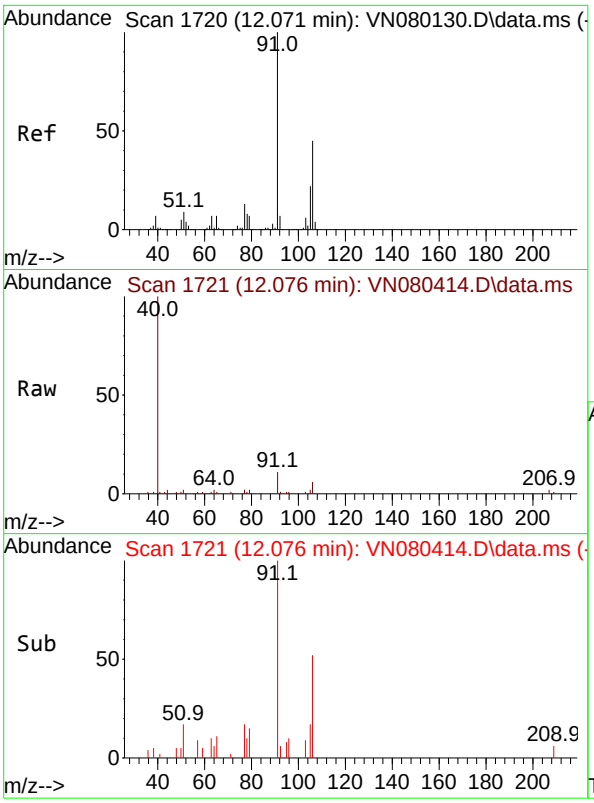


#67
Ethyl Benzene
Concen: 0.225 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion: 91 Resp: 5522

Ion	Ratio	Lower	Upper
91	100		
106	27.7	25.6	38.4



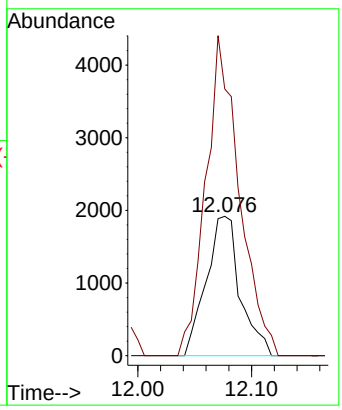


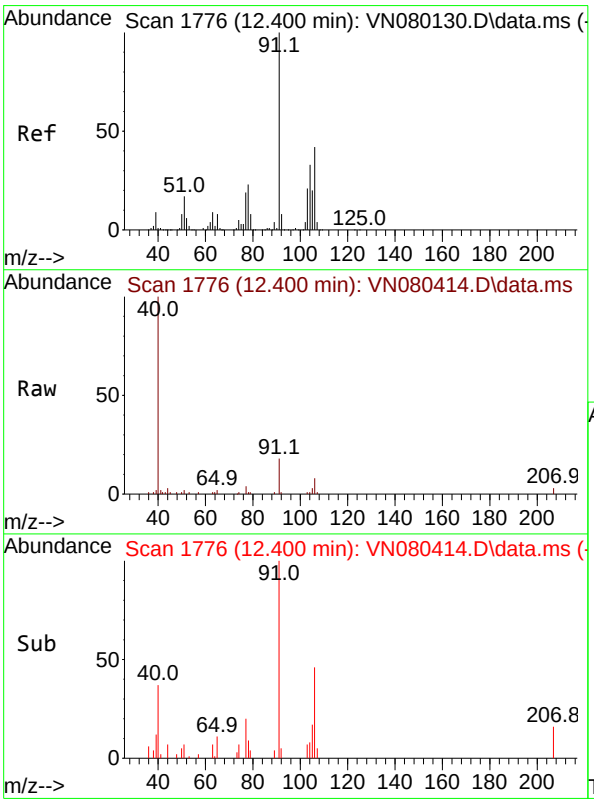
#68
m/p-Xylenes
Concen: 0.446 ug/l
RT: 12.076 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion:106 Resp: 3982

Ion	Ratio	Lower	Upper
106	100		
91	227.0	159.6	239.4

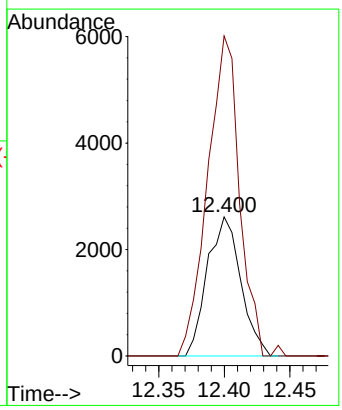


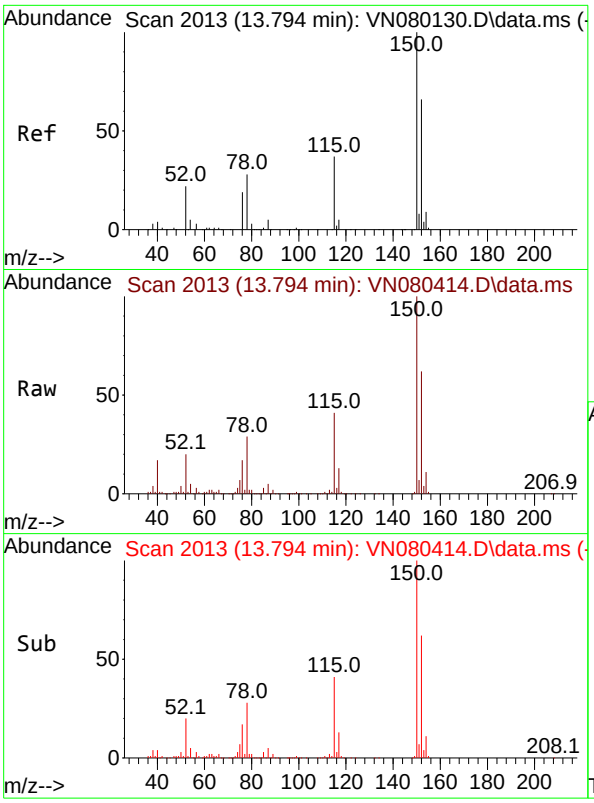


#69
o-Xylene
Concen: 0.551 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion:106 Resp: 4635

Ion	Ratio	Lower	Upper
106	100		
91	218.4	105.2	315.5



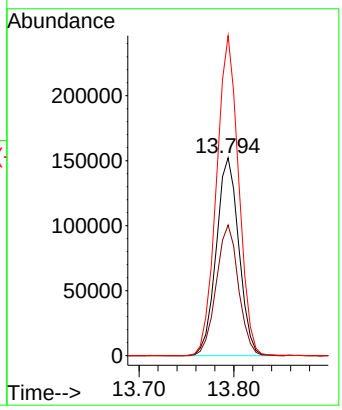


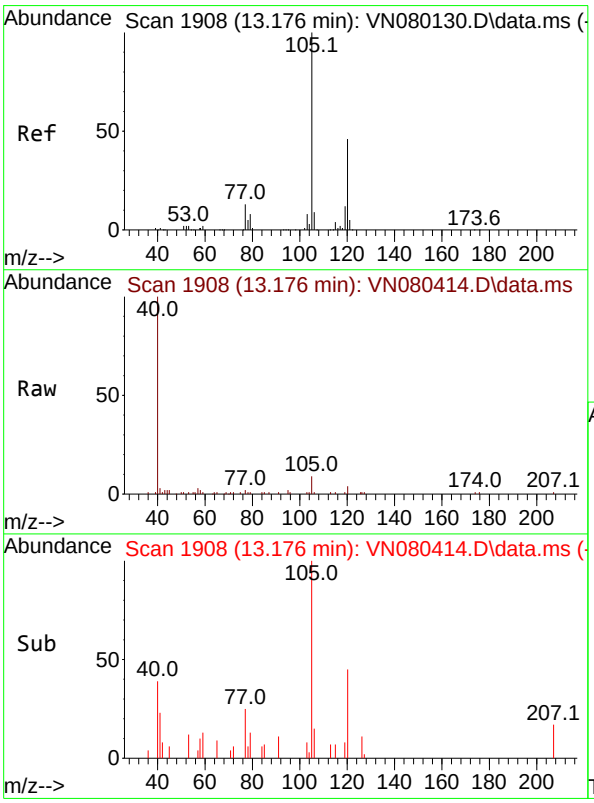
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion:152 Resp: 252230

Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.3	96.8
150	158.6	0.0	355.8

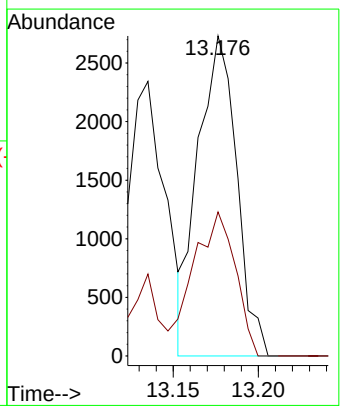


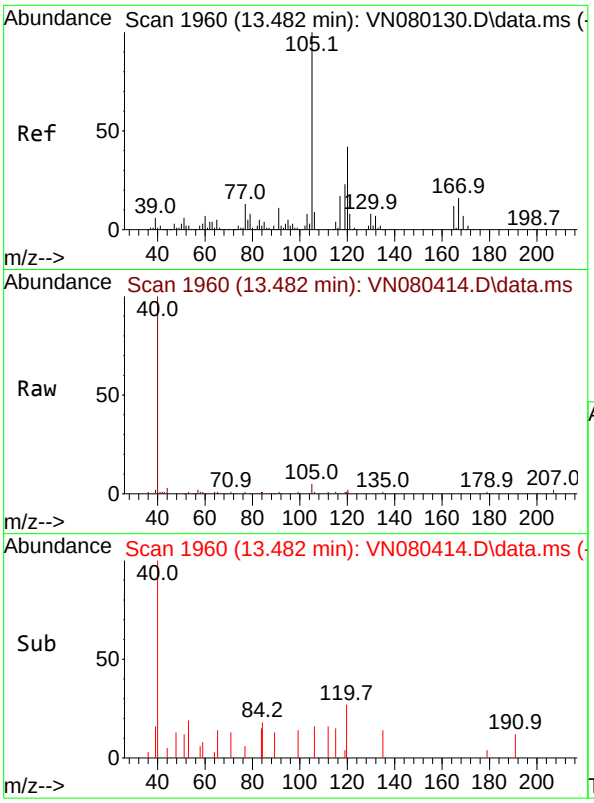


#80
1,3,5-Trimethylbenzene
Concen: 0.253 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Tgt Ion:105 Resp: 4310

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.3





#84
1,2,4-Trimethylbenzene
Concen: 0.226 ug/l
RT: 13.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080414.D
Acq: 08 Dec 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
50195

Tgt Ion:105 Resp: 3789

Ion	Ratio	Lower	Upper
105	100		
120	31.4	22.0	66.0