Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
Data File : VN077181.D
Acq On : 24 Mar 2023 15:50
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Quant Time: Mar 24 23:31:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 24 05:55:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.819	128	39458	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	249560	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	262204	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	123637	30.854	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.833%			
60) 4-Bromofluorobenzene	12.854	95	114413	24.289	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.967%			
63) Toluene-d8	10.566	98	277864	29.687	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.967%			
Target Compounds						Qvalue
5) Bromomethane	2.978	94	4708	1.152	ug/l	98
64) Chlorobenzene	11.895	112	2270	0.208	ug/l	91
87) 1,2-Dichlorobenzene	14.107	146	4332	0.541	ug/l	99
89) 1,2,4-Trichlorobenzene	15.401	180	3081	0.862	ug/l	94
92) 1,2,3-Trichlorobenzene	15.401	180	3081	0.868	ug/l	93

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

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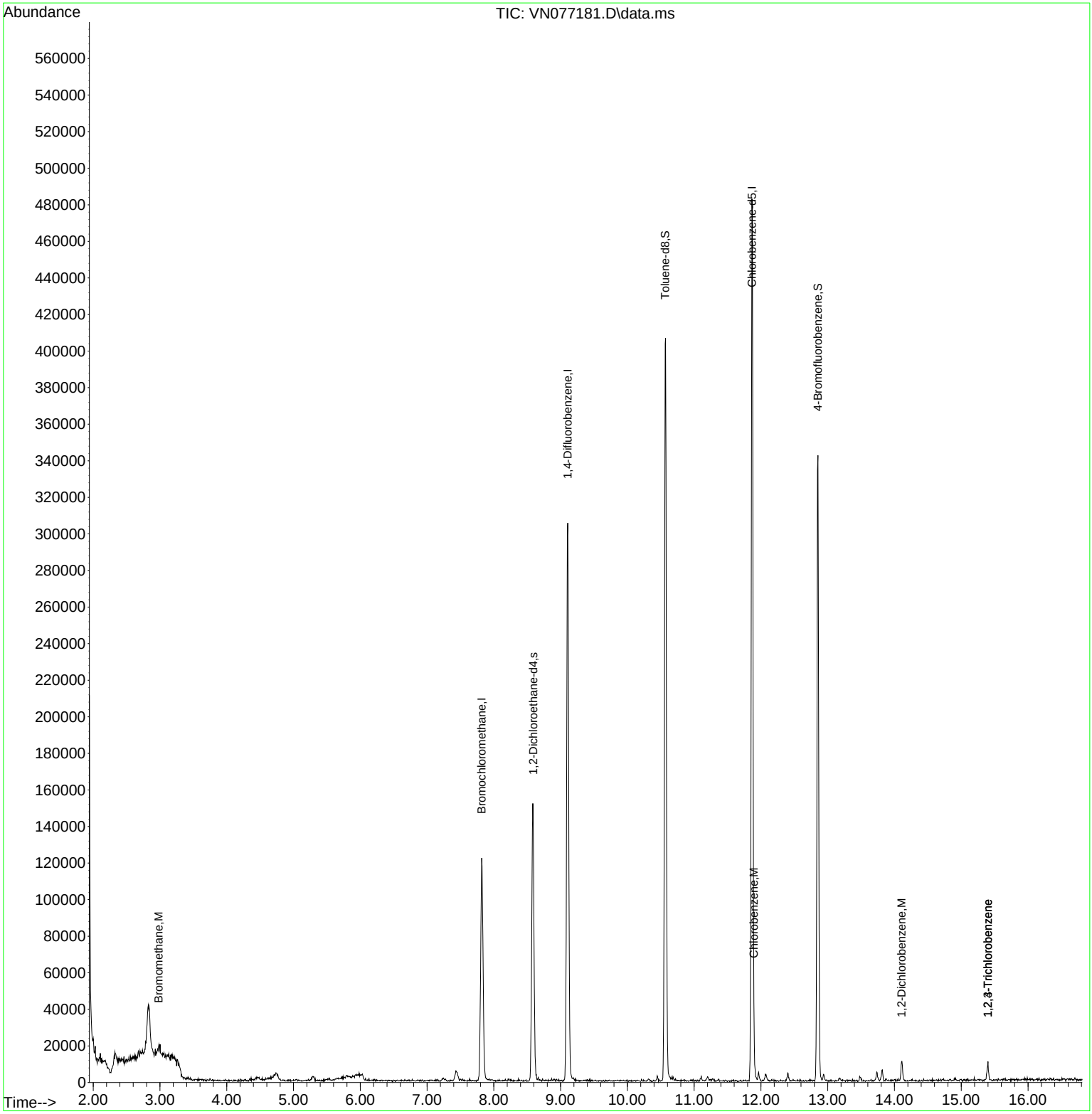
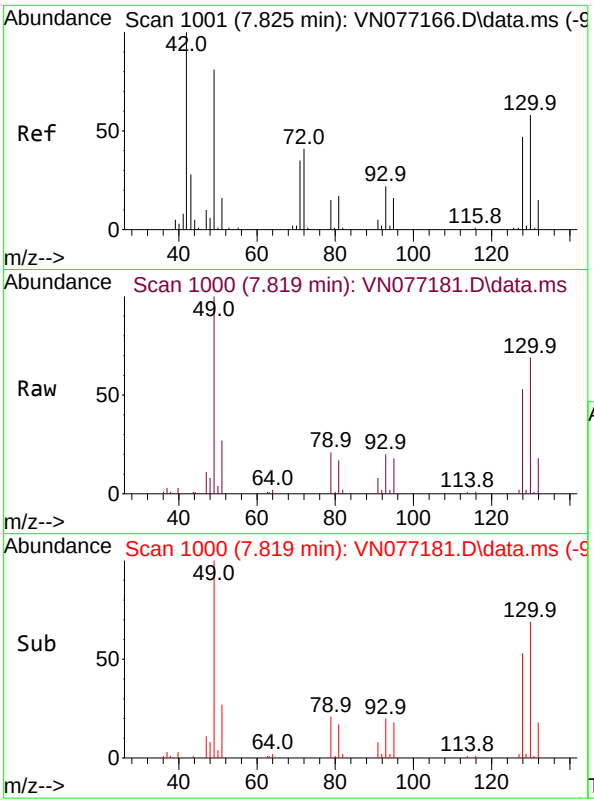


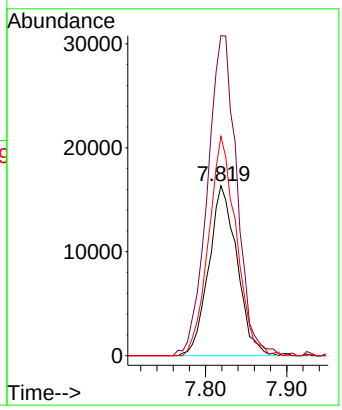


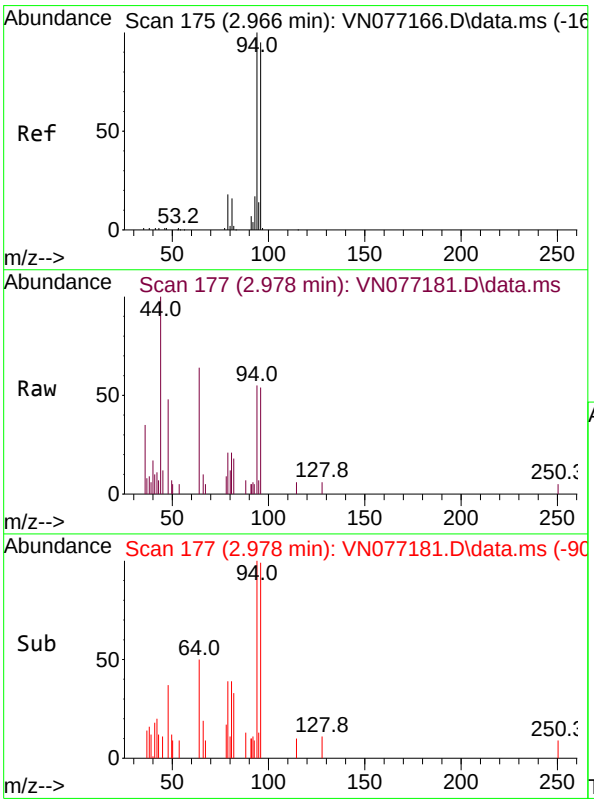
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 39458

Ion	Ratio	Lower	Upper
128	100		
49	195.8	0.0	461.8
130	126.4	0.0	295.3

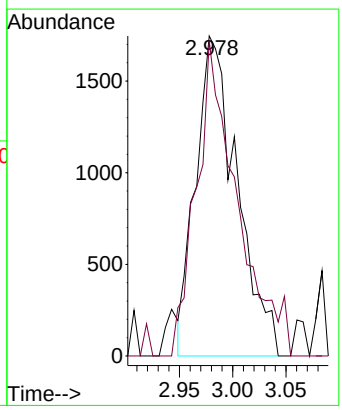


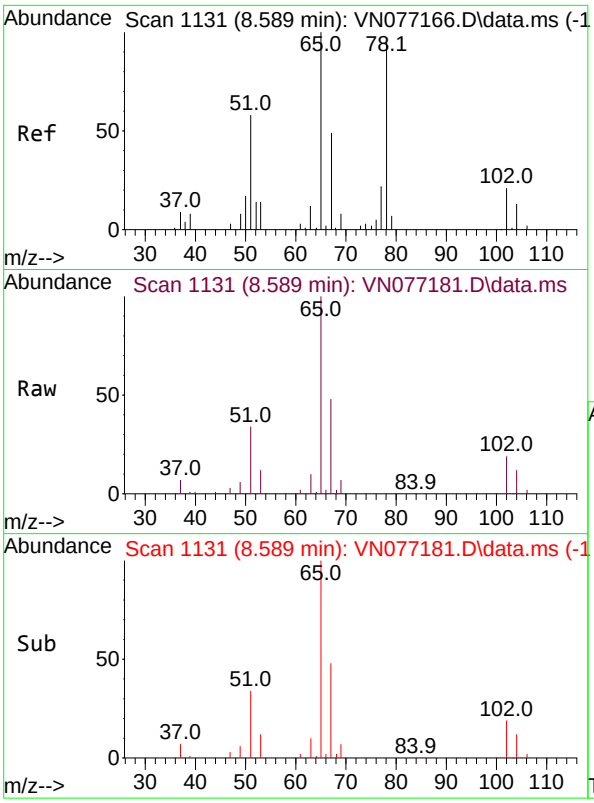


#5
Bromomethane
Concen: 1.152 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.012 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Tgt Ion: 94 Resp: 4708

Ion	Ratio	Lower	Upper
94	100		
96	88.0	68.6	103.0



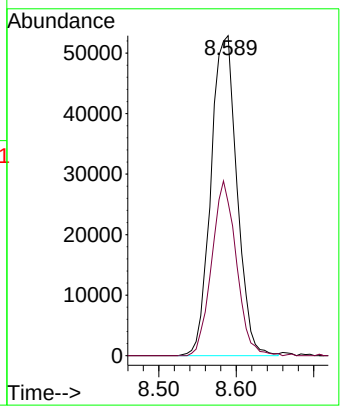


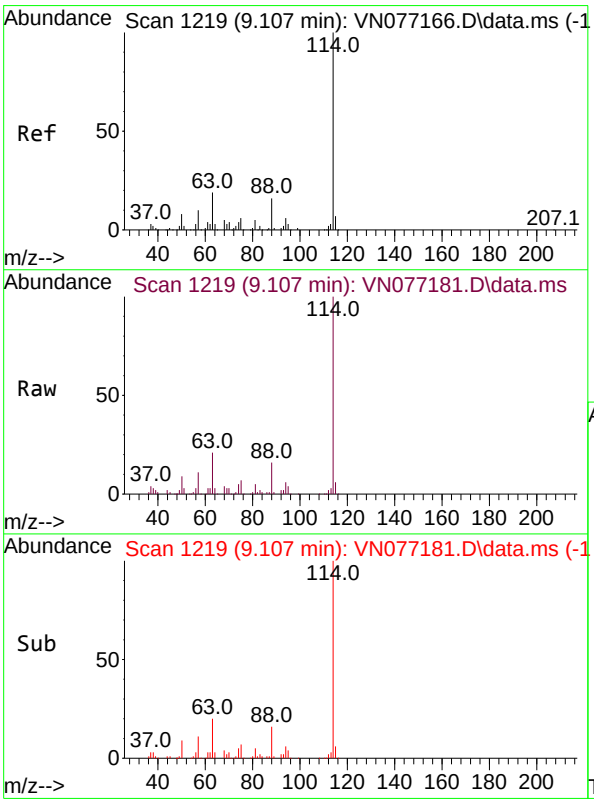
#27
1,2-Dichloroethane-d4
Concen: 30.854 ug/l
RT: 8.589 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 123637

Ion	Ratio	Lower	Upper
65	100		
67	51.5	40.9	61.3

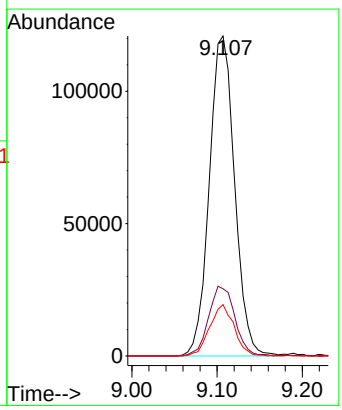


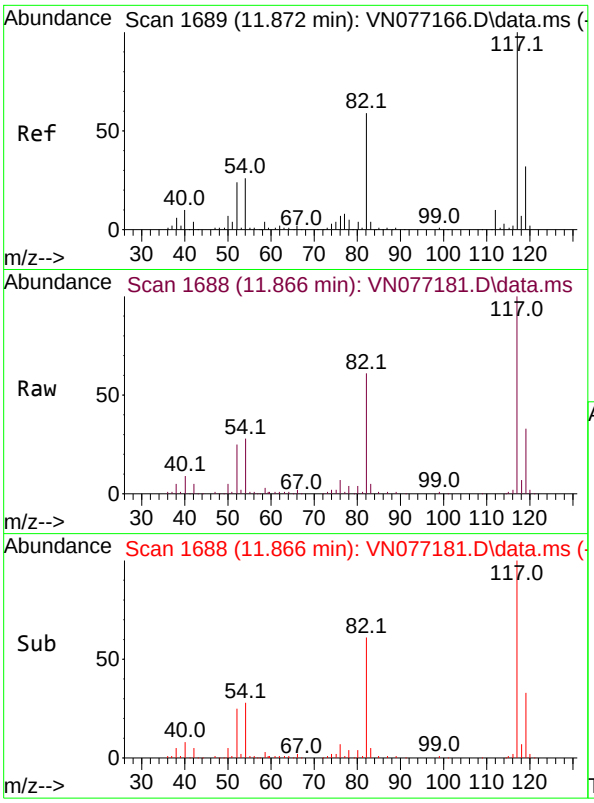


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Tgt Ion:114 Resp: 249560

Ion	Ratio	Lower	Upper
114	100		
63	22.5	17.0	25.4
88	15.4	11.6	17.4



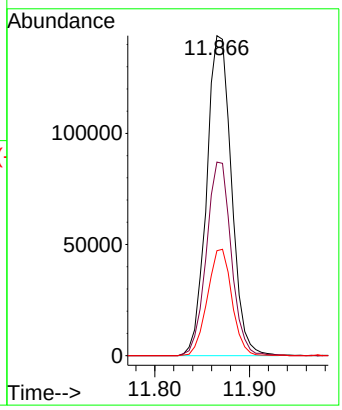


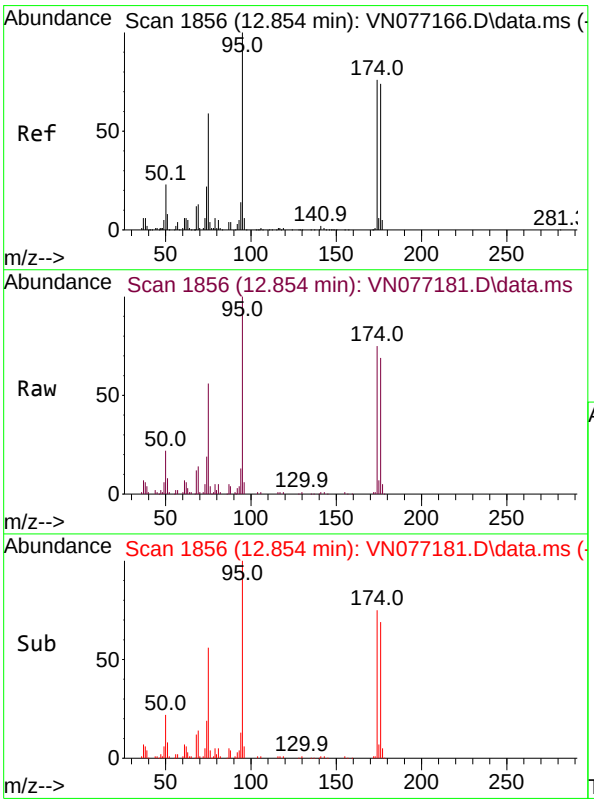
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 262204

Ion	Ratio	Lower	Upper
117	100		
82	60.5	45.4	68.0
119	32.8	26.8	40.2

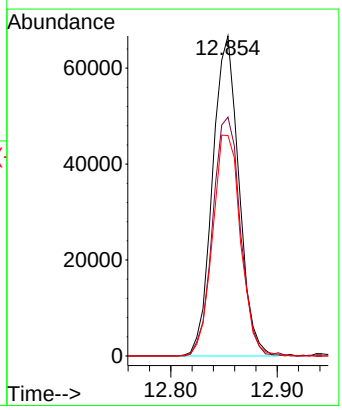


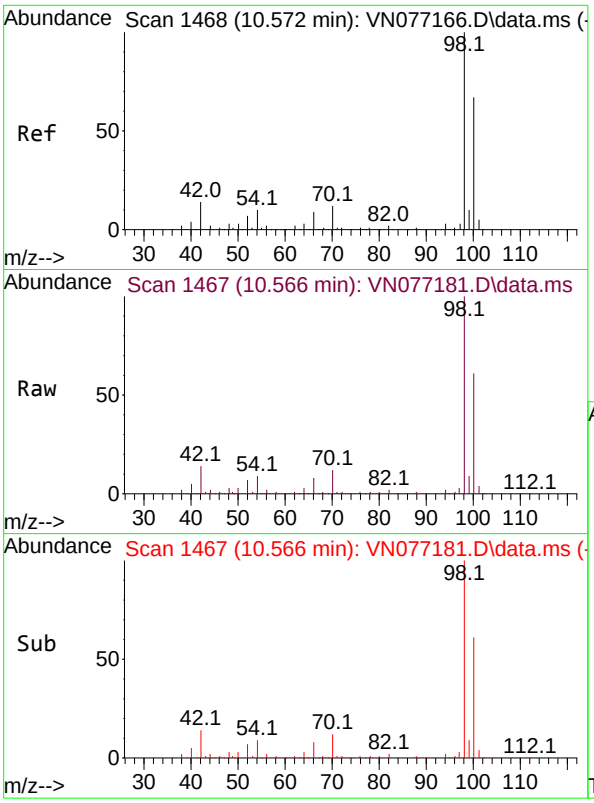


#60
4-Bromofluorobenzene
Concen: 24.289 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Tgt Ion: 95 Resp: 114413

Ion	Ratio	Lower	Upper
95	100		
174	78.6	64.2	96.4
176	73.5	61.4	92.0



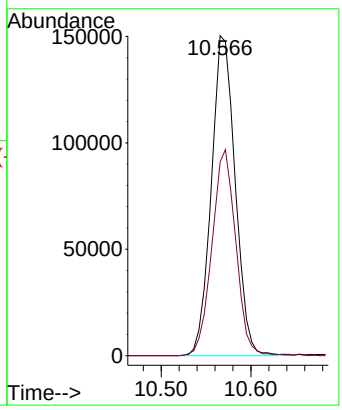


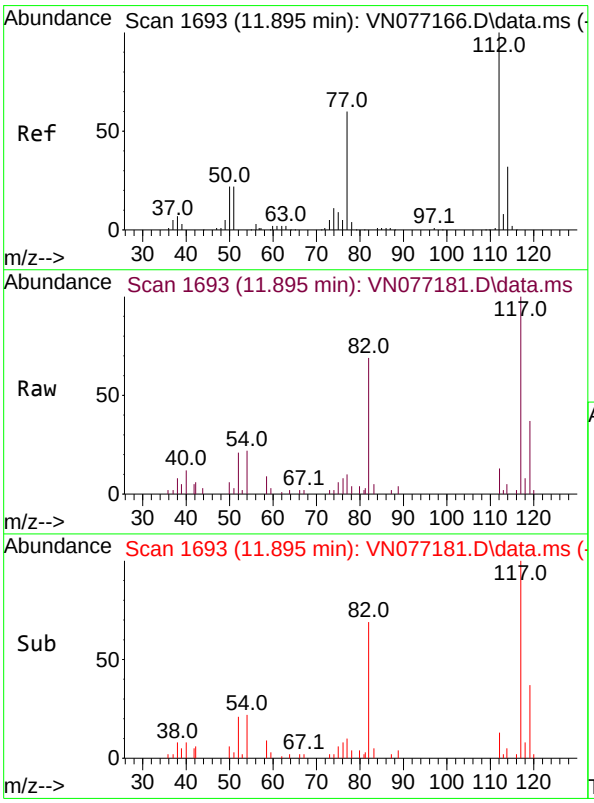
#63
Toluene-d8
Concen: 29.687 ug/l
RT: 10.566 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 277864

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.8	80.6

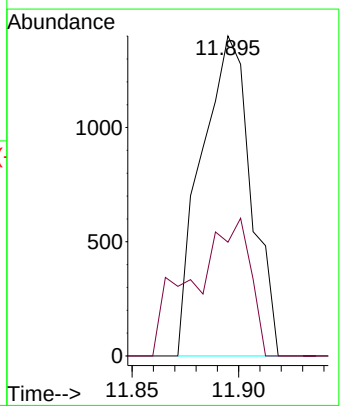


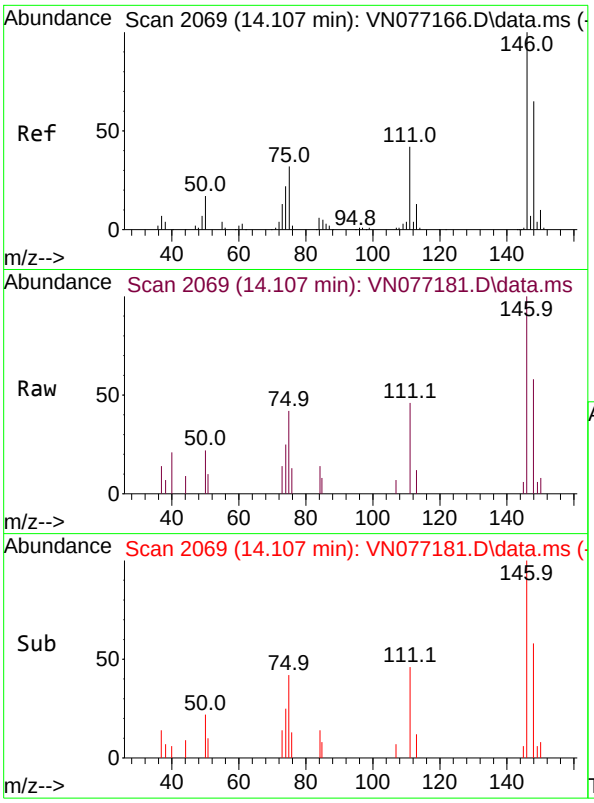


#64
Chlorobenzene
Concen: 0.208 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Tgt Ion:112 Resp: 2270

Ion	Ratio	Lower	Upper
112	100		
114	35.5	24.5	36.7



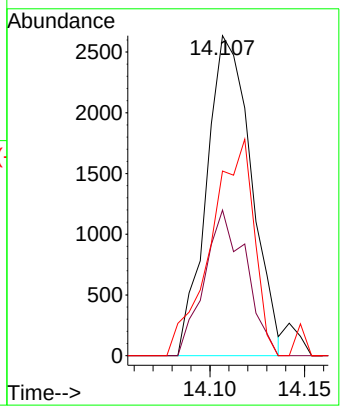


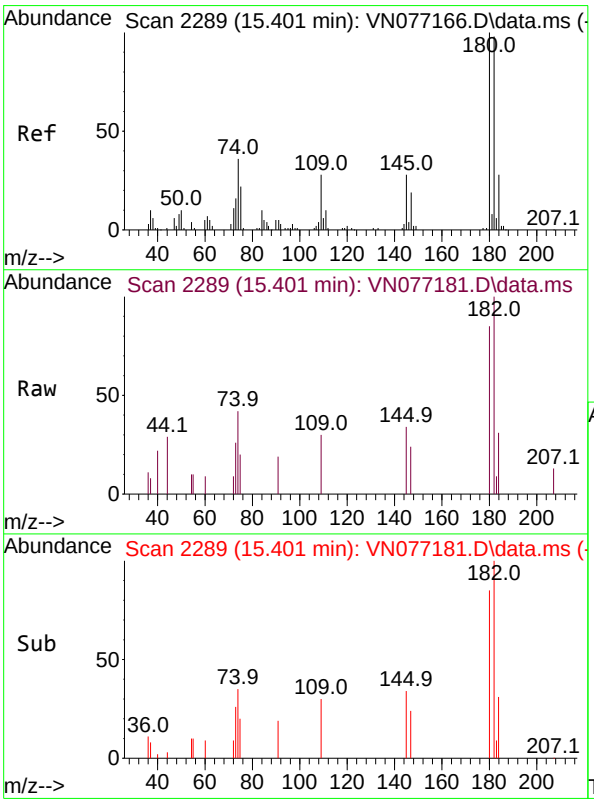
#87
1,2-Dichlorobenzene
Concen: 0.541 ug/l
RT: 14.107 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 4332

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.6
148	64.9	32.5	97.5

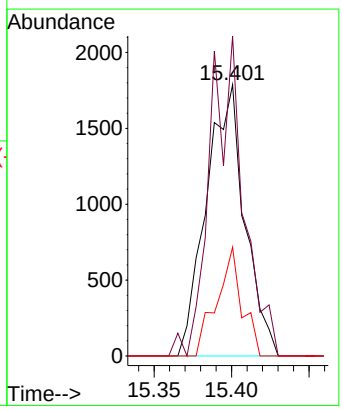


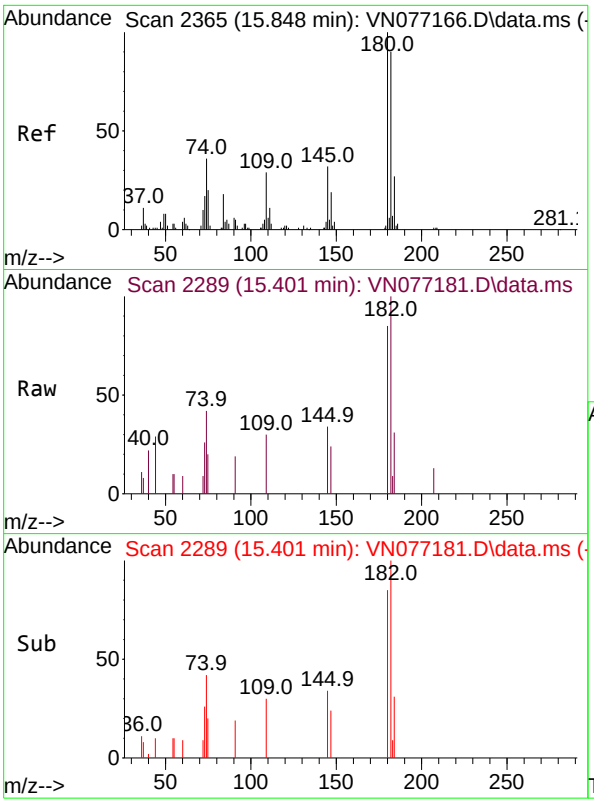


#89
1,2,4-Trichlorobenzene
Concen: 0.862 ug/l
RT: 15.401 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Tgt Ion:180 Resp: 3081

Ion	Ratio	Lower	Upper
180	100		
182	100.8	76.6	115.0
145	26.3	24.6	36.8





#92
1,2,3-Trichlorobenzene
Concen: 0.868 ug/l
RT: 15.401 min Scan# 2
Delta R.T. -0.447 min
Lab File: VN077181.D
Acq: 24 Mar 2023 15:50

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 3081

Ion	Ratio	Lower	Upper
180	100		
182	100.8	0.0	190.8
145	26.3	0.0	65.0