Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077882.D
Acq On : 25 May 2023 05:23
Operator : JC\MD
Sample : O2852-10 10X
Misc : 6.60g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Quant Time: May 25 05:50:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	8.230	168	444181	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	811050	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.871	117	712500	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239560	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.588	65	295703	44.493 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.980%		
35) Dibromofluoromethane	8.177	113	254943	48.205 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.400%		
50) Toluene-d8	10.571	98	1001936	49.219 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.440%		
62) 4-Bromofluorobenzene	12.853	95	309861	43.098 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.200%		
Target Compounds					Qvalue
3) Chloromethane	2.365	50	1217	Below Cal #	42
5) Bromomethane	2.942	94	1520	0.322 ug/l #	29
13) Acrolein	4.177	56	60	Below Cal #	1
16) Acetone	4.442	43	694	0.332 ug/l #	40
20) Methylene Chloride	5.283	84	3627	Below Cal #	62
31) Cyclohexane	8.230	56	9543	1.056 ug/l #	21
36) 1,1-Dichloropropene	8.235	75	37865	4.895 ug/l #	48
38) Carbon Tetrachloride	8.230	117	49283	6.309 ug/l #	16
44) Trichloroethene	9.365	130	1609	0.278 ug/l	66
71) Bromoform	12.853	173	2058	0.579 ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	162568	27.097 ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	162568	86.617 ug/l #	15
86) p-Isopropyltoluene	13.729	119	4715	0.275 ug/l	98

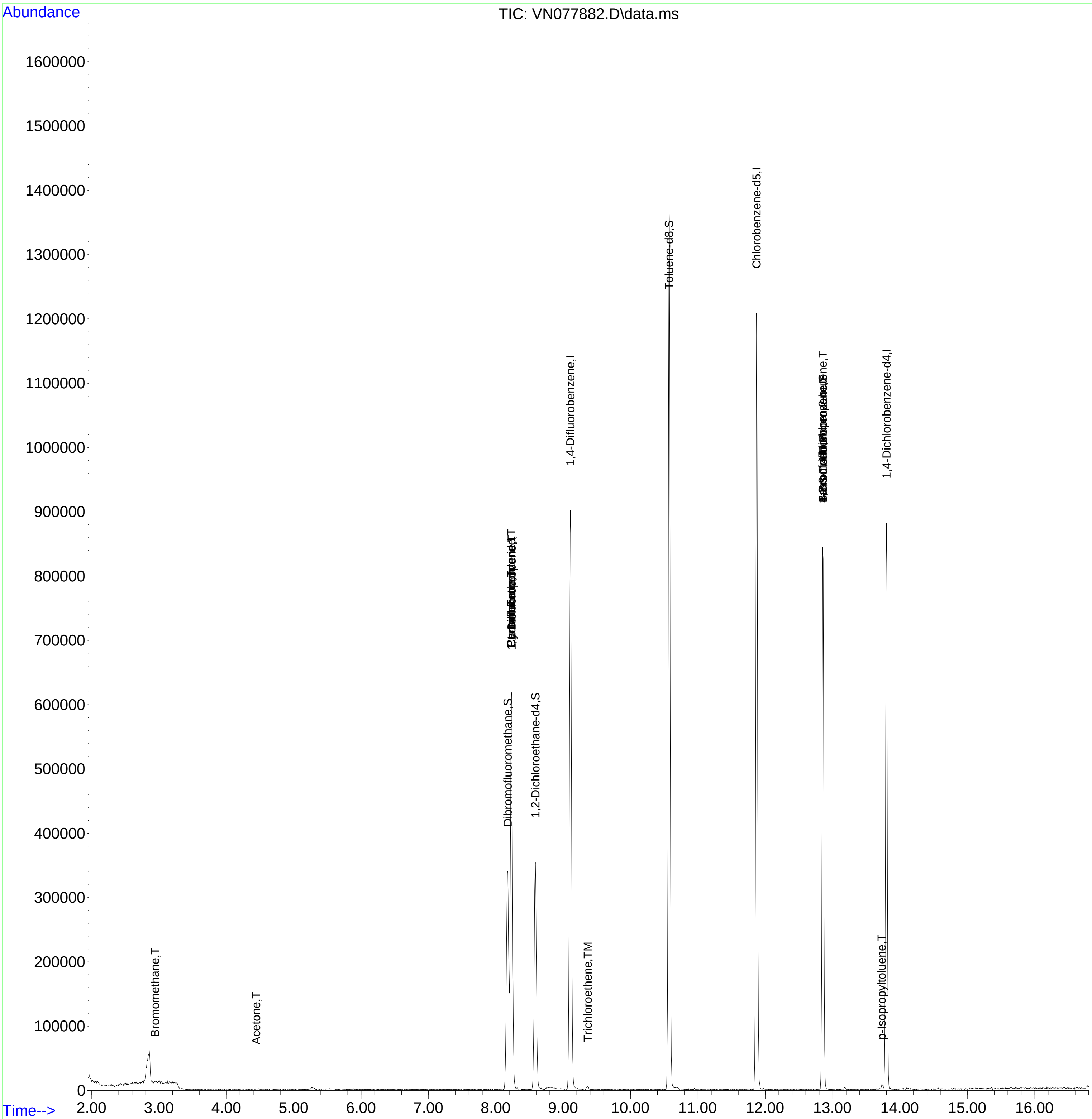
(#) = qualifier out of range (m) = manual integration (+) = signals summed

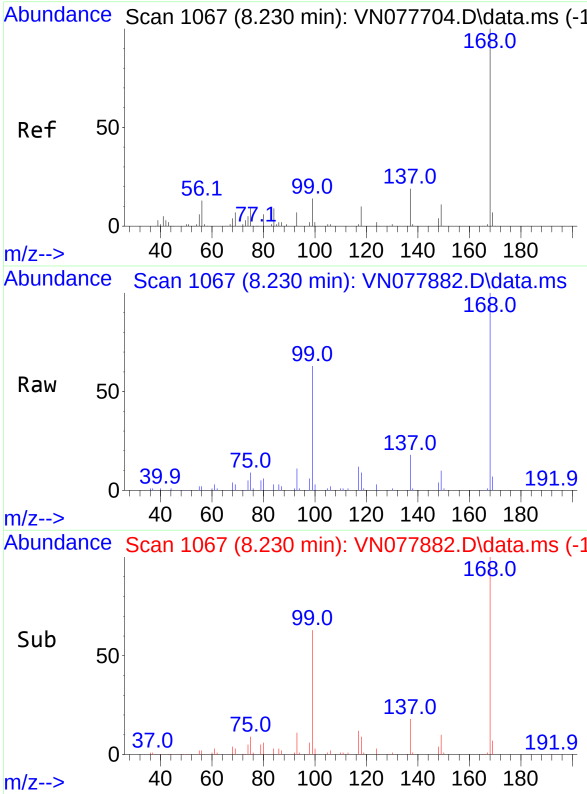
Quantitation Report   (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077882.D
Acq On   : 25 May 2023 05:23
Operator : JC\MD
Sample   : O2852-10 10X
Misc   : 6.60g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 40   Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Quant Time: May 25 05:50:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

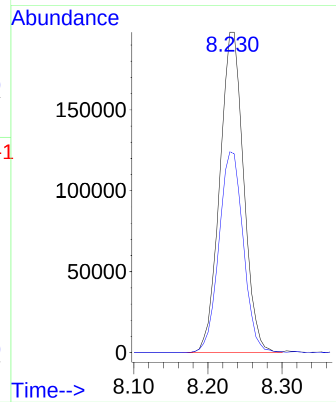


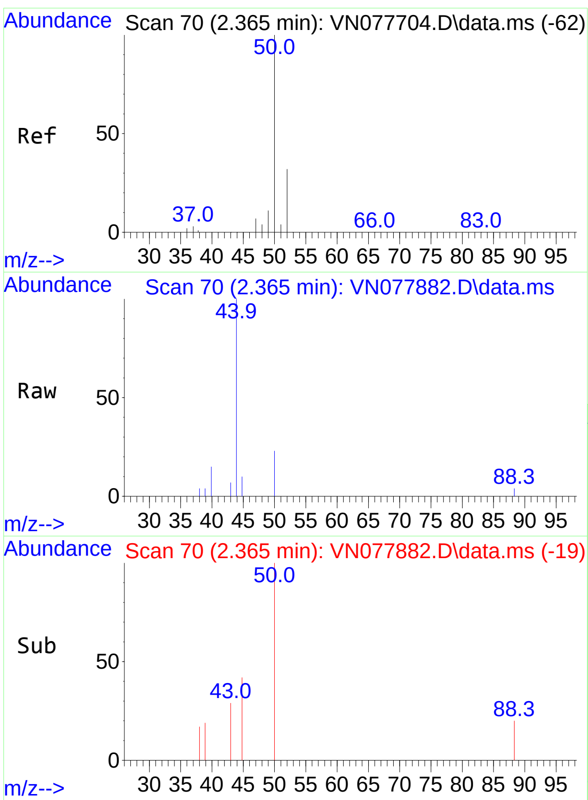



```
#1
Pentafluorobenzene
Concen:   50.000 ug/l
RT:   8.230 min  Scan# 1067
Delta R.T.  -0.000 min
Lab File:   VN077882.D
Acq: 25 May 2023  05:23

Tgt Ion:168 Resp:  444181
Ion  Ratio  Lower  Upper
168  100
 99   62.7   53.0   79.6
```

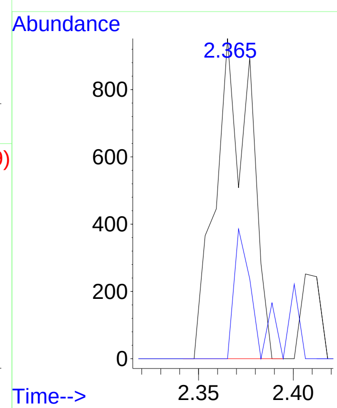
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

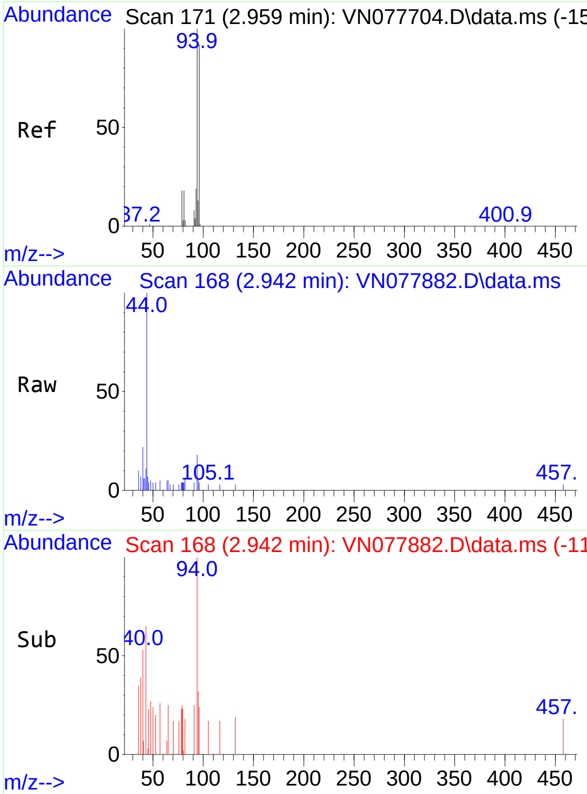





```
#3
Chloromethane
Concen:   Below Cal
RT:   2.365 min  Scan# 70
Delta R.T.  0.000 min
Lab File:   VN077882.D
Acq: 25 May 2023  05:23

Tgt Ion: 50 Resp:    1217
Ion  Ratio  Lower  Upper
 50  100
 52    0.0   26.5   39.7#
```





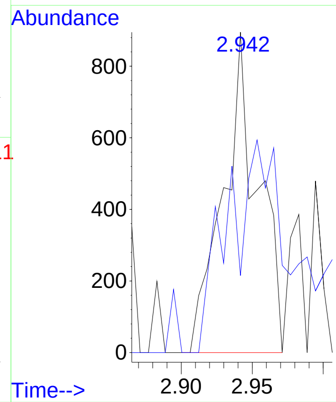
#5
Bromomethane
Concen: 0.322 ug/l
RT: 2.942 min   Scan# 1(

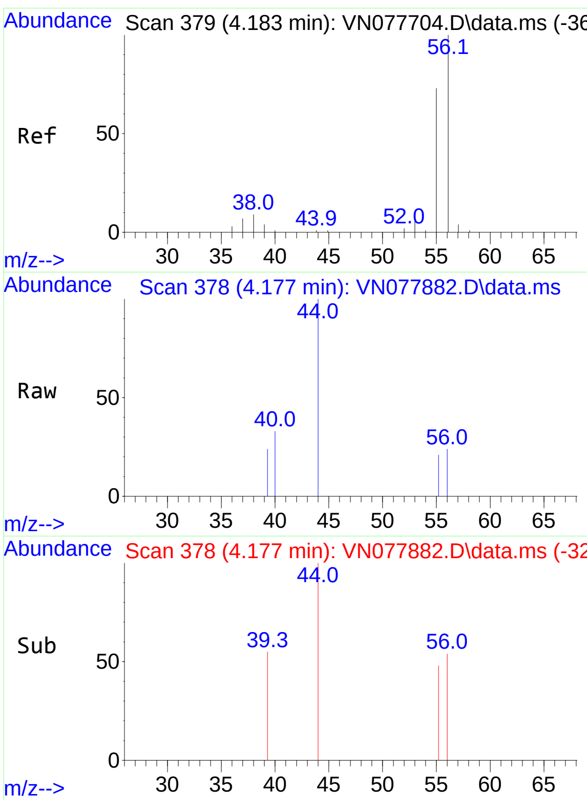
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Delta R.T.   -0.005 min
Lab File: VN077882.D
Acq: 25 May 2023   05:23

Tgt Ion: 94 Resp: 1520

Ion	Ratio	Lower	Upper
94	100		
96	24.0	73.1	109.7#

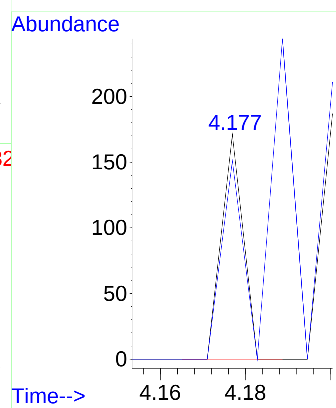


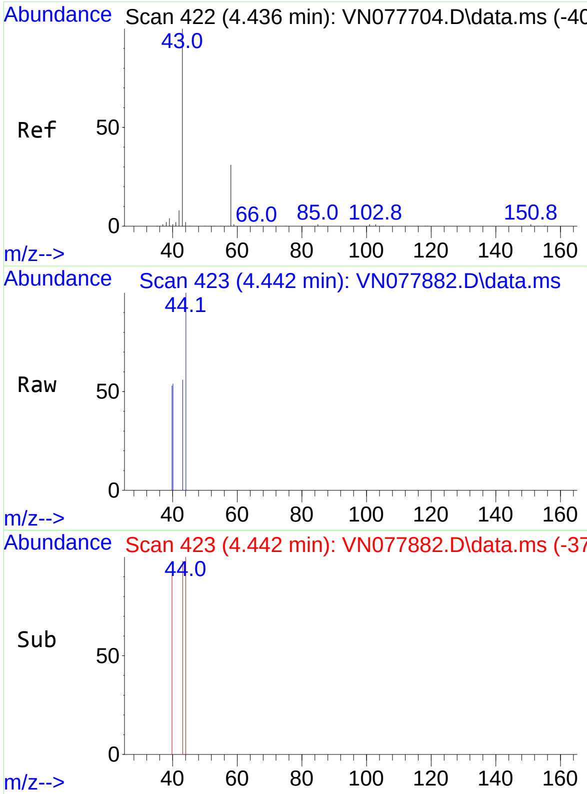


#13
Acrolein
Concen: Below Cal
RT: 4.177 min   Scan# 378
Delta R.T.   -0.012 min
Lab File: VN077882.D
Acq: 25 May 2023   05:23

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
55	231.7	54.5	81.7#



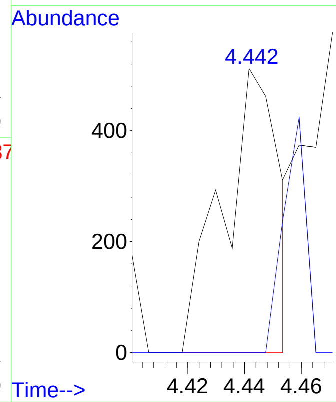


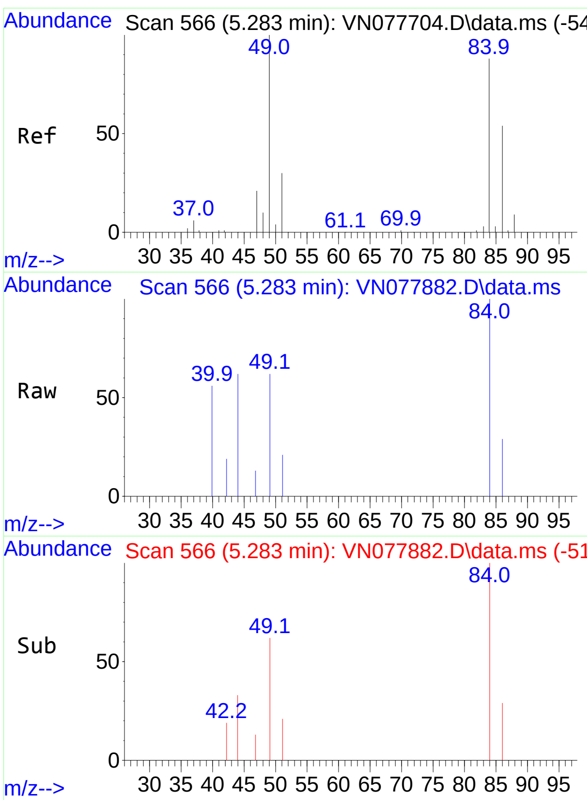
#16
Acetone
Concen: 0.332 ug/l
RT: 4.442 min   Scan# 4
Delta R.T.   0.012 min
Lab File: VN077882.D
Acq: 25 May 2023   05:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Tgt Ion: 43 Resp: 694

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#

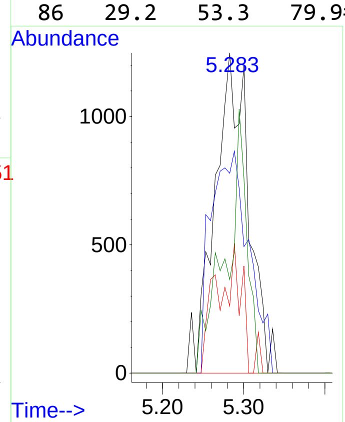


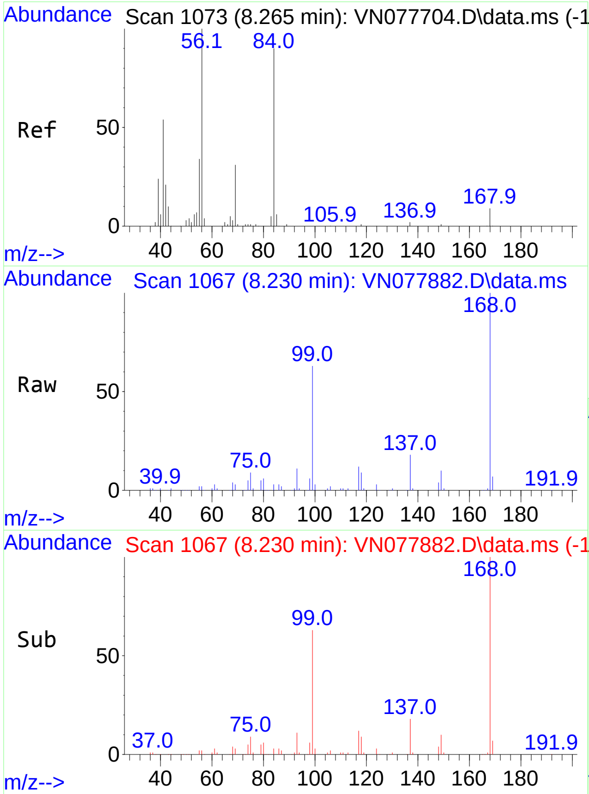


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min   Scan# 566
Delta R.T.   -0.000 min
Lab File: VN077882.D
Acq: 25 May 2023   05:23

Tgt Ion: 84 Resp: 3627

Ion	Ratio	Lower	Upper
84	100		
49	62.4	79.7	119.5#
51	20.9	25.2	37.8#
86	29.2	53.3	79.9#



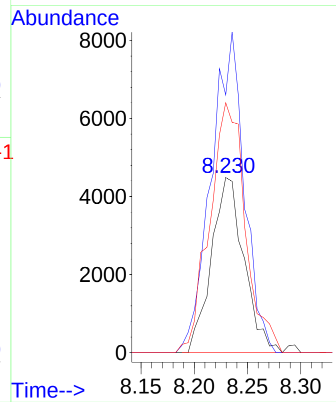


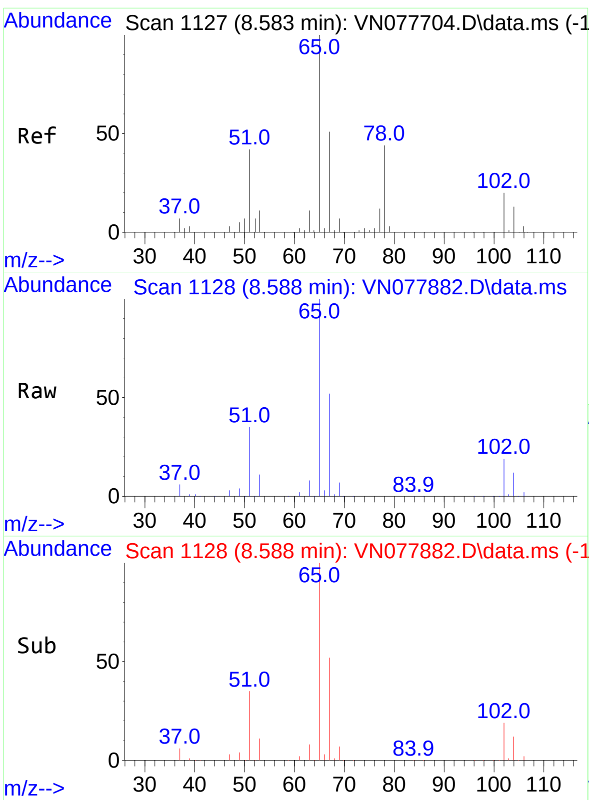
#31
Cyclohexane
Concen: 1.056 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Tgt Ion: 56 Resp: 9543

Ion	Ratio	Lower	Upper
56	100		
69	147.1	26.8	40.2#
84	142.7	81.8	122.6#

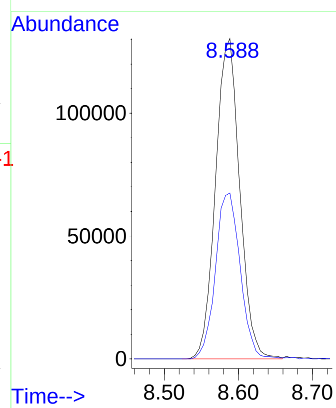


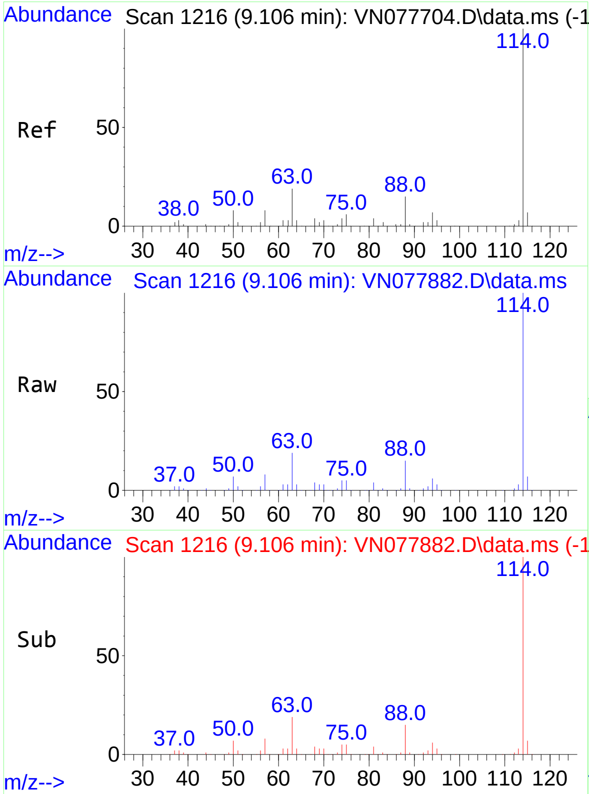


#33
1,2-Dichloroethane-d4
Concen: 44.493 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion: 65 Resp: 295703

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.6



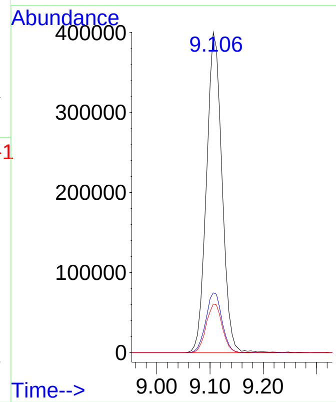


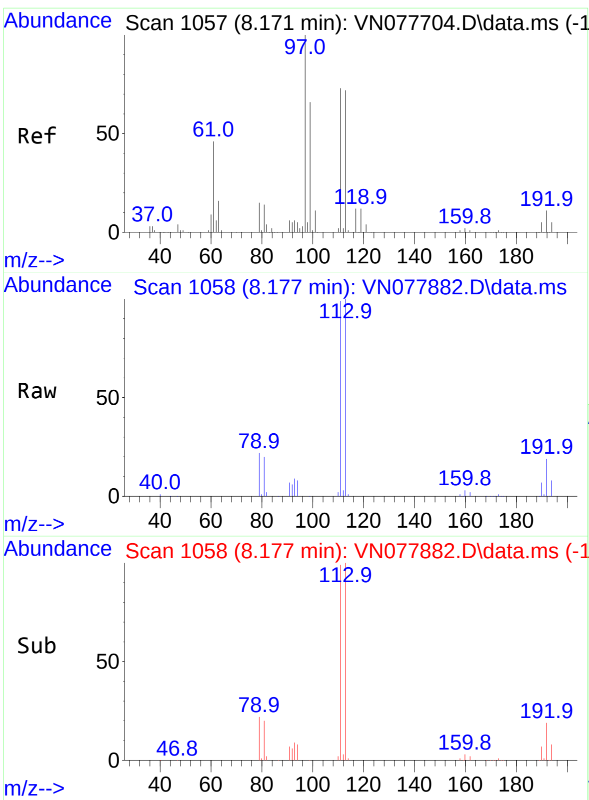
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Tgt Ion:114 Resp: 811050

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.4
88	15.2	0.0	30.6

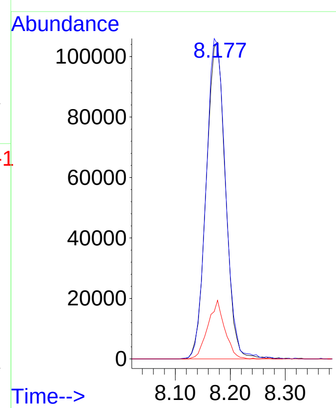


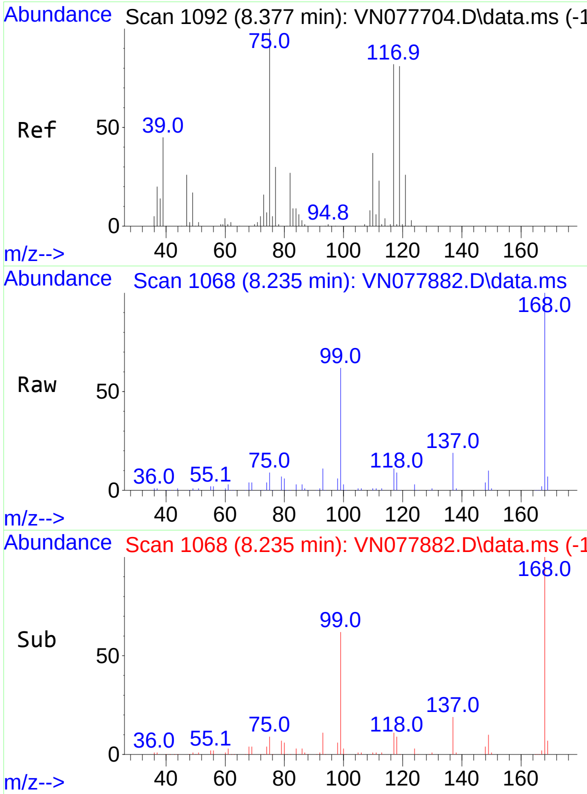


#35
Dibromofluoromethane
Concen: 48.205 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion:113 Resp: 254943

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	16.3	12.7	19.1



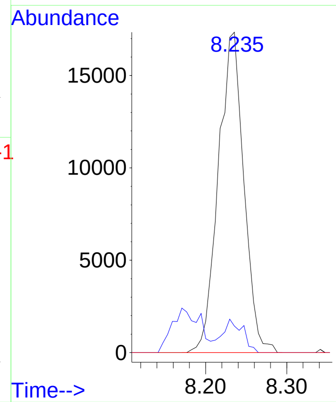


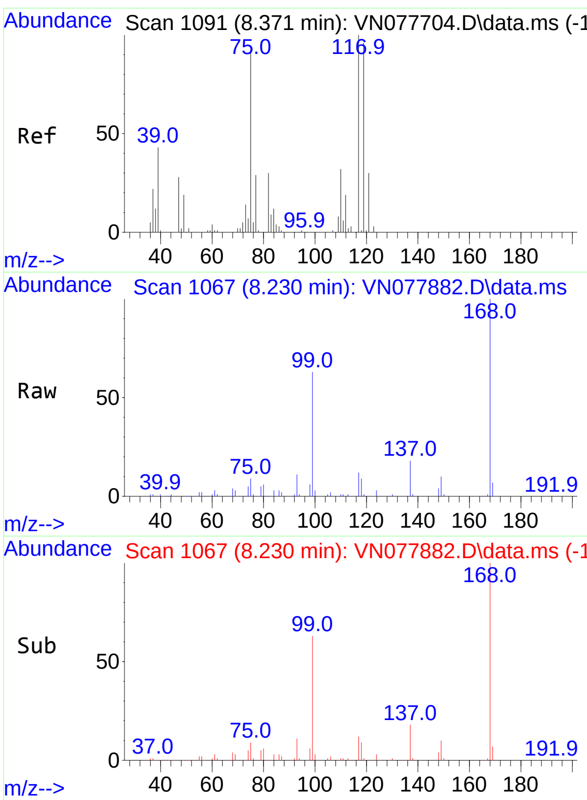
#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 8.235 min Scan# 1(
Delta R.T. -0.142 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Tgt Ion: 75 Resp: 37865

Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.1	57.3#
77	0.0	25.0	37.4#

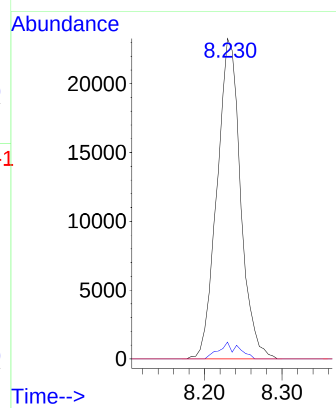


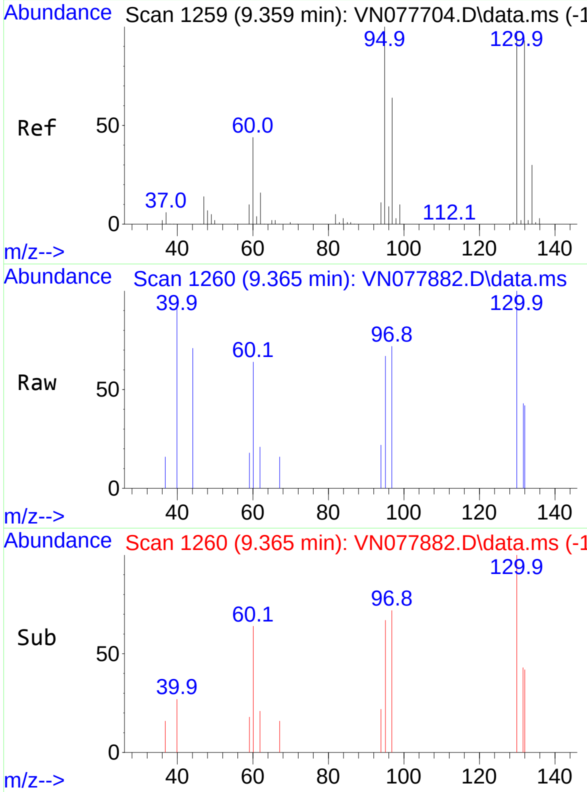


#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion:117 Resp: 49283

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.3	115.9#
121	0.0	23.3	34.9#



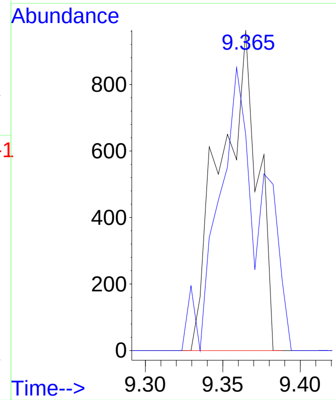


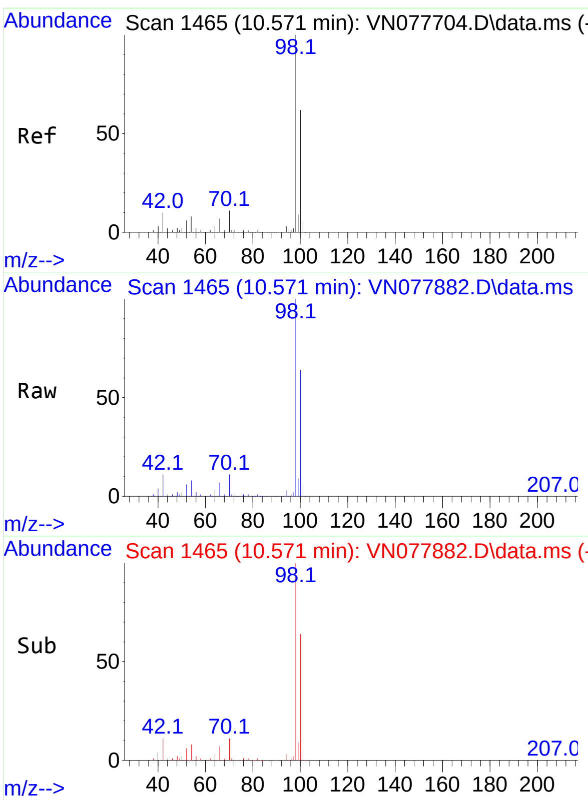
#44
Trichloroethene
Concen: 0.278 ug/l
RT: 9.365 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Tgt Ion:130 Resp: 1609

Ion	Ratio	Lower	Upper
130	100		
95	67.4	0.0	204.6

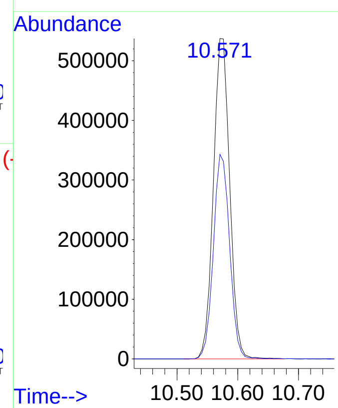




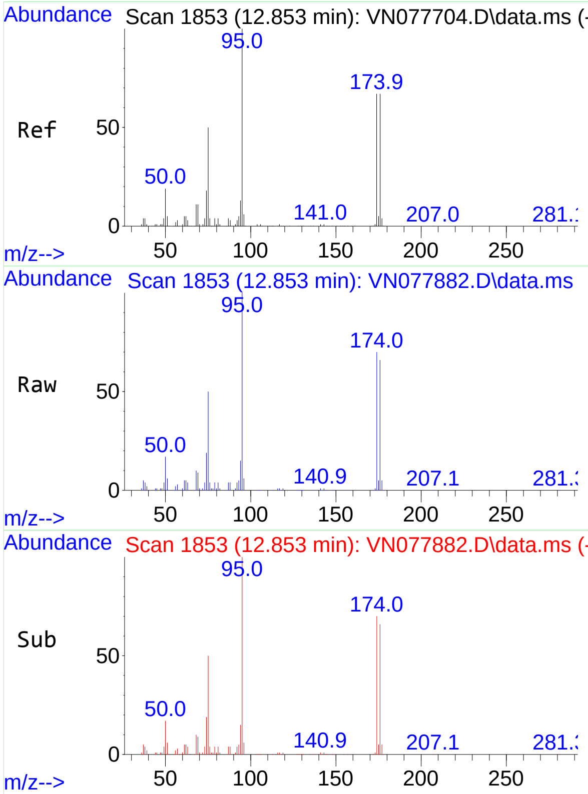
#50
Toluene-d8
Concen: 49.219 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion: 98 Resp: 1001936

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.0	78.0



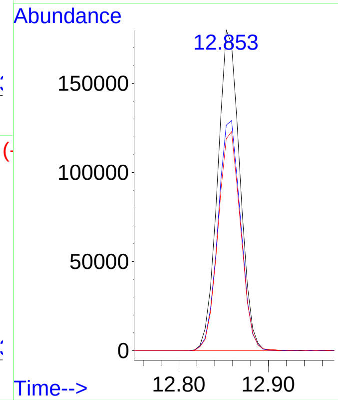
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-50.5-051823-FD

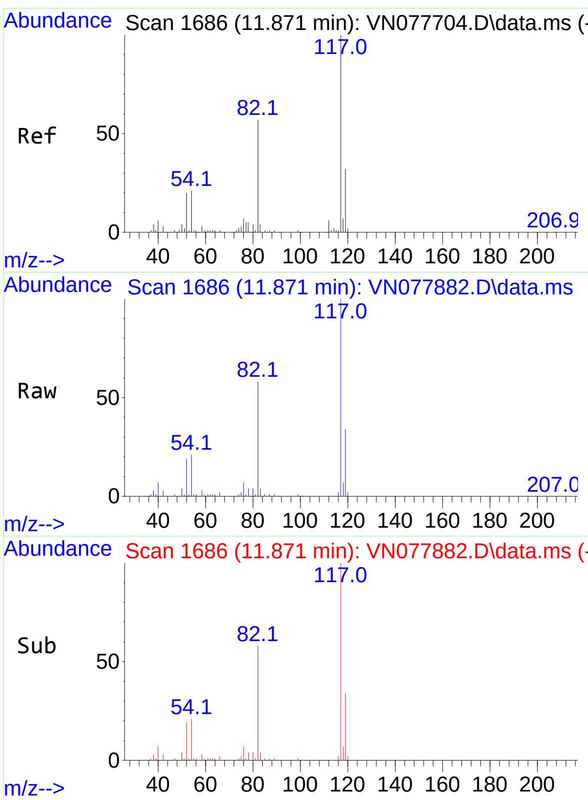


#62
4-Bromofluorobenzene
Concen: 43.098 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion: 95 Resp: 309861

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	143.8
176	69.5	0.0	135.8

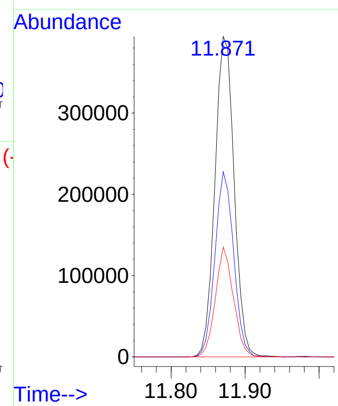


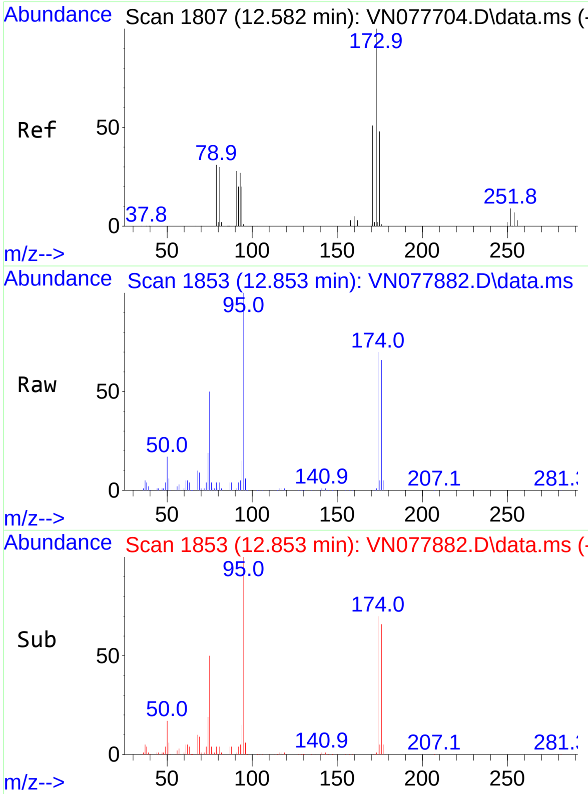


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion:117 Resp: 712500

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.0	66.0
119	34.2	25.6	38.4



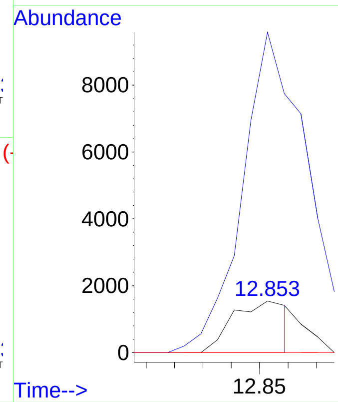


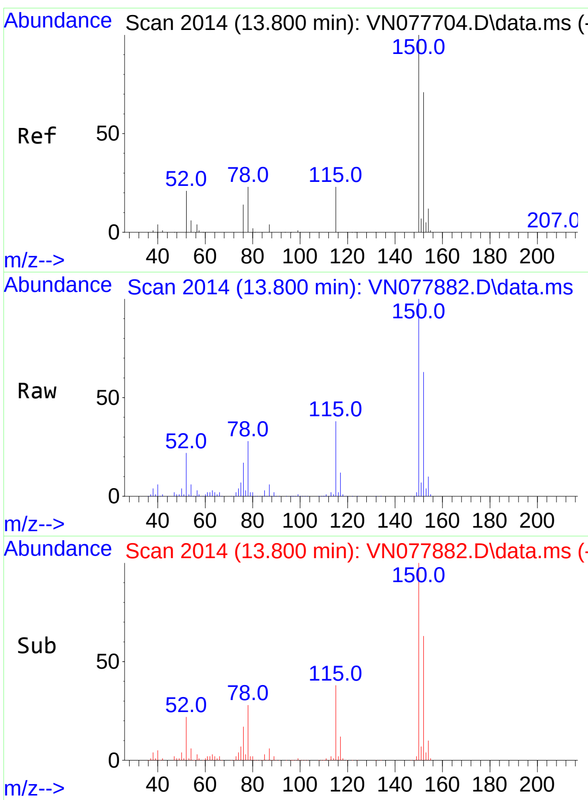
#71
Bromoform
Concen: 0.579 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.271 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Tgt Ion:173 Resp: 2058

Ion	Ratio	Lower	Upper
173	100		
175	506.8	24.3	73.0#
254	0.0	0.0	0.0

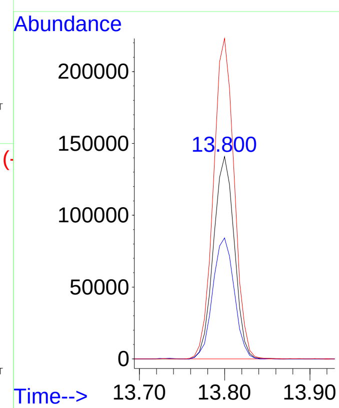


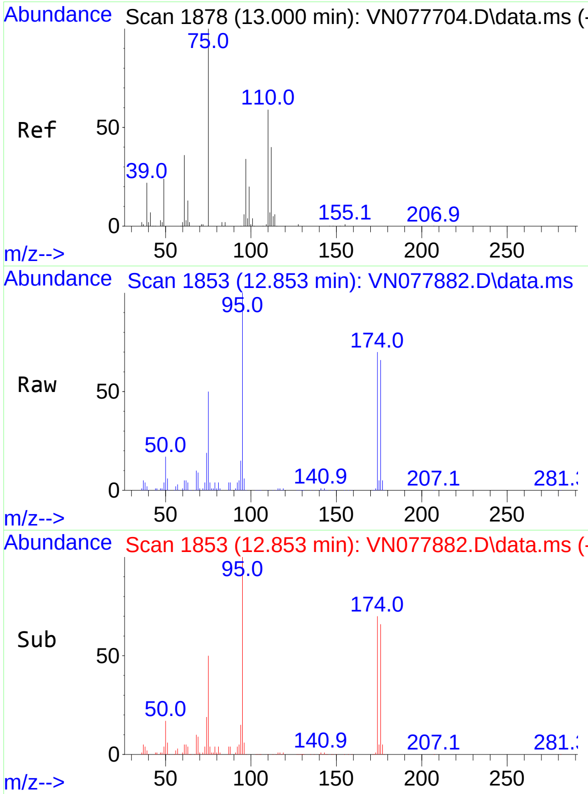


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion:152 Resp: 239560

Ion	Ratio	Lower	Upper
152	100		
115	61.5	32.3	96.8
150	158.0	0.0	355.8





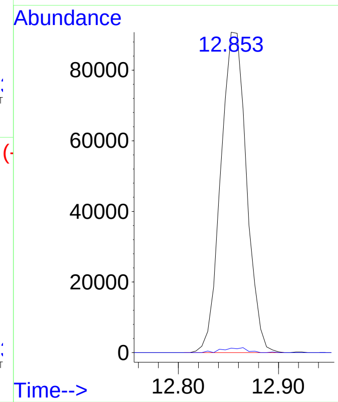
#76
1,2,3-Trichloropropane
Concen: 27.097 ug/l
RT: 12.853 min Scan# 1

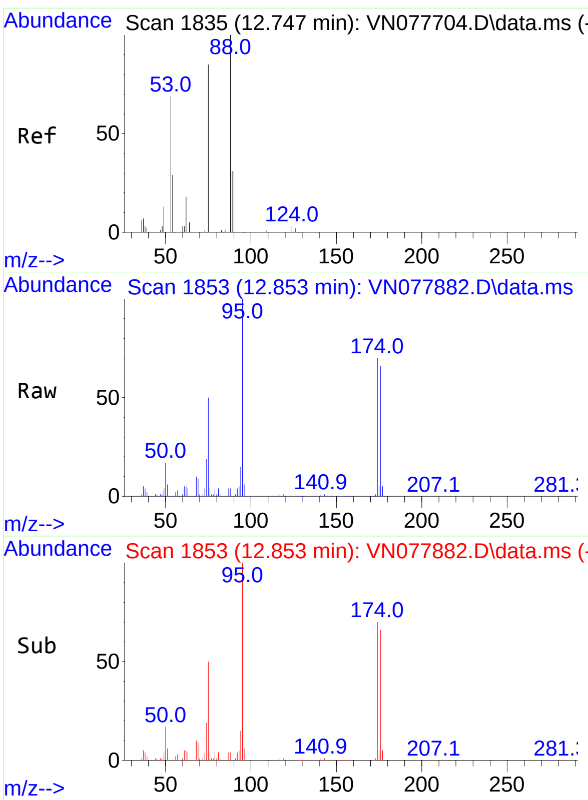
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Delta R.T.   -0.147 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion: 75 Resp: 162568

Ion	Ratio	Lower	Upper
75	100		
77	1.5	84.5	253.5#

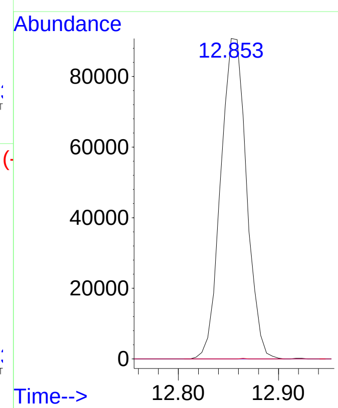


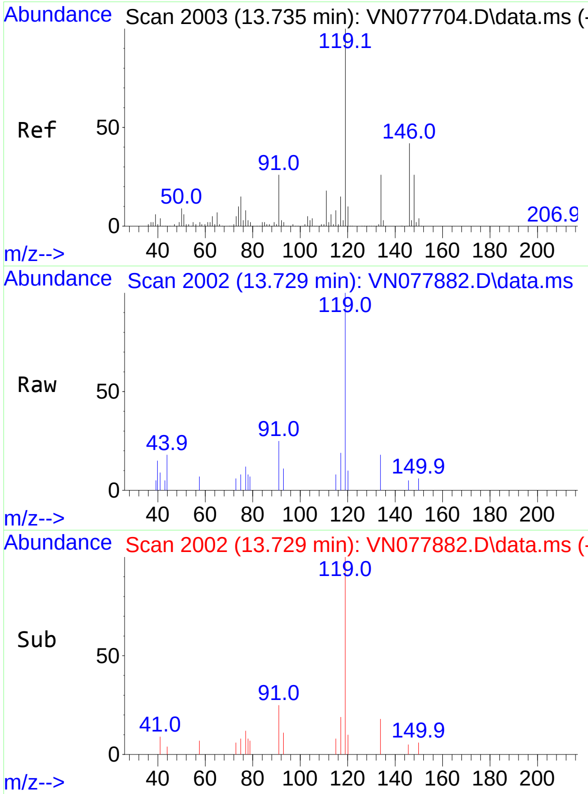


#81
trans-1,4-Dichloro-2-butene
Concen: 86.617 ug/l
RT: 12.853 min Scan# 1853
Delta R.T.   0.112 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Tgt Ion: 75 Resp: 162568

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#





#86
p-Isopropyltoluene
Concen: 0.275 ug/l
RT: 13.729 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077882.D
Acq: 25 May 2023 05:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

Tgt Ion:119 Resp: 4715

Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.6	37.8
91	23.3	12.4	37.2