Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046225.D
Acq On : 09 Dec 2021 17:21
Operator : SY/MD
Sample : M4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 10 03:45:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

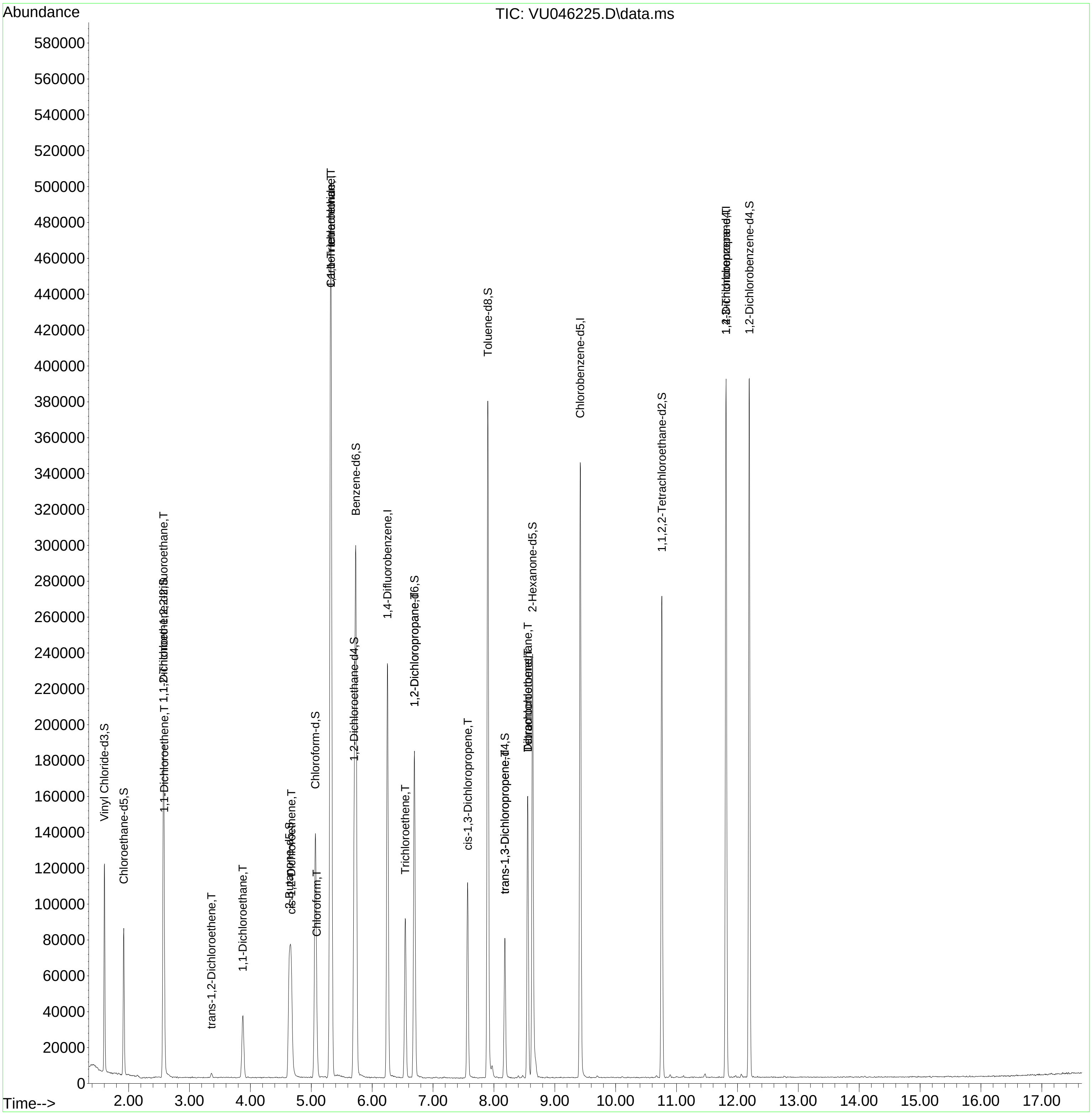
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.250	114	190383	50.000 ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197872	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	106301	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.601	65	80605	51.397 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.800%		
7) Chloroethane-d5	1.919	69	58889	48.907 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.820%		
11) 1,1-Dichloroethene-d2	2.572	63	109763	38.987 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.980%		
21) 2-Butanone-d5	4.639	46	127493	102.264 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.260%		
24) Chloroform-d	5.067	84	128859	49.203 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.400%		
26) 1,2-Dichloroethane-d4	5.704	65	89195	50.748 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.500%		
32) Benzene-d6	5.732	84	282303	49.777 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.560%		
36) 1,2-Dichloropropane-d6	6.694	67	87919	50.021 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.040%		
41) Toluene-d8	7.900	98	257060	49.782 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.560%		
43) trans-1,3-Dichloroprop...	8.179	79	43573	51.354 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.700%		
47) 2-Hexanone-d5	8.633	63	88015	105.614 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.610%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	133483	50.077 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.160%		
66) 1,2-Dichlorobenzene-d4	12.195	152	102800	50.216 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.440%		
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	948	0.684 ug/L #	21
12) 1,1-Dichloroethene	2.585	96	7729	5.871 ug/L #	1
17) trans-1,2-Dichloroethene	3.360	96	1118	0.803 ug/L #	72
19) 1,1-Dichloroethane	3.874	63	41141	16.242 ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	20510	13.569 ug/L	99
25) Chloroform	5.089	83	10927	3.883 ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	363297	149.573 ug/L	99
31) Carbon tetrachloride	5.321	117	46014	22.315 ug/L	97
34) Trichloroethene	6.543	95	29259	18.545 ug/L	97
37) 1,2-Dichloropropane	6.694	63	9563	6.096 ug/L #	86
39) cis-1,3-Dichloropropene	7.572	75	2570	1.077 ug/L #	74
44) trans-1,3-Dichloropropene	8.179	75	1667	0.711 ug/L #	77
46) Tetrachloroethene	8.556	164	35299	30.445 ug/L	98
49) Dibromochloromethane	8.556	129	33934	20.531 ug/L #	10
60) 1,2,3-Trichloropropane	11.813	75	12093	5.190 ug/L #	66

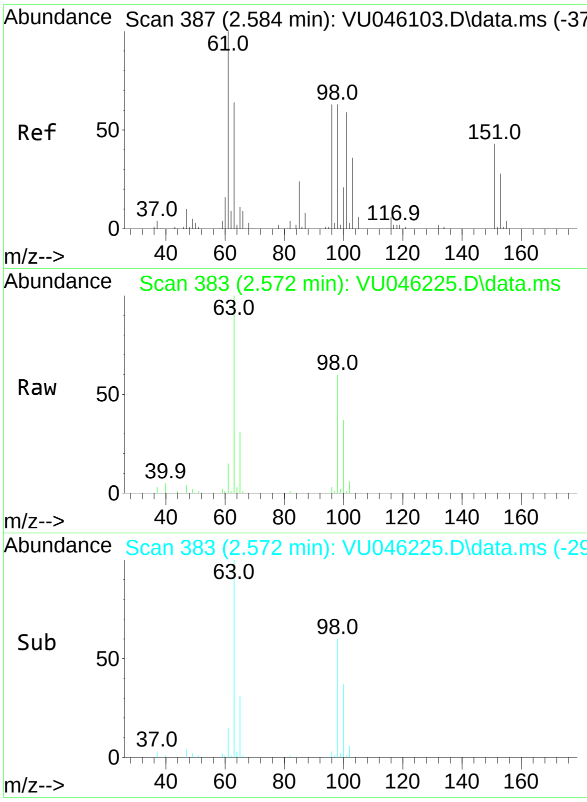
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046225.D
Acq On    : 09 Dec 2021  17:21
Operator  : SY/MD
Sample    : M4983-13
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 19   Sample Multiplier: 1

Quant Time: Dec 10 03:45:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title  : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration
```

Instrument :
MSVOA_U
ClientSampleId :





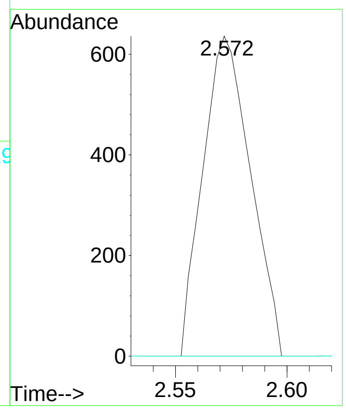
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.684 ug/L
RT: 2.572 min Scan# 3

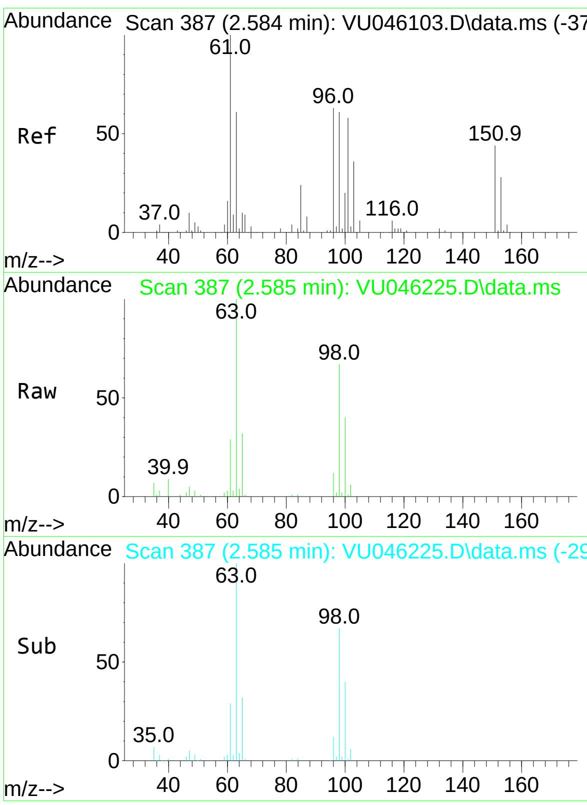
Instrument :
MSVOA_U
ClientSampleId :

Delta R.T. -0.016 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Tgt Ion:101 Resp: 948

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#

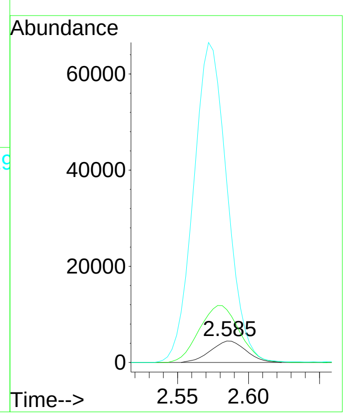


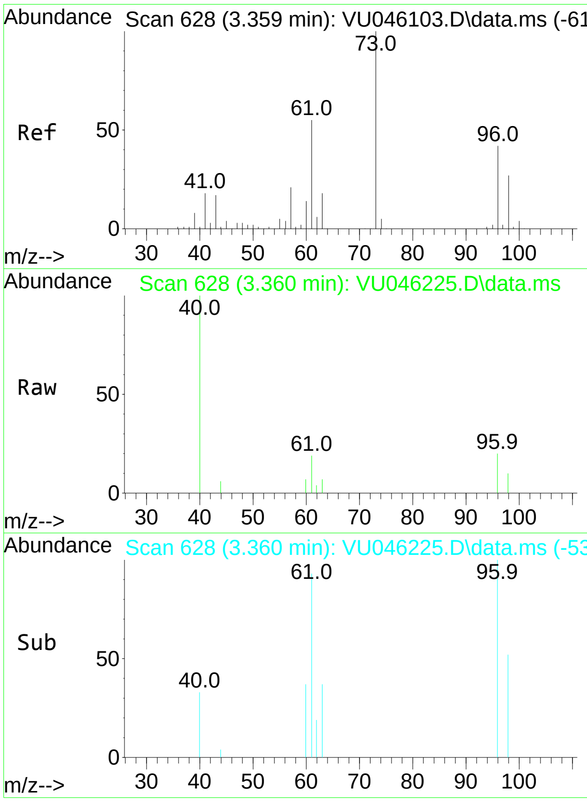


#12
1,1-Dichloroethene
Concen: 5.871 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Tgt Ion: 96 Resp: 7729

Ion	Ratio	Lower	Upper
96	100		
61	245.8	118.6	220.2#
63	836.9	93.0	172.8#



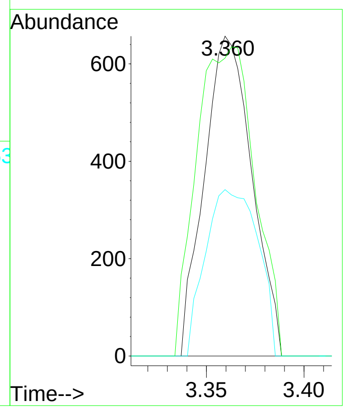


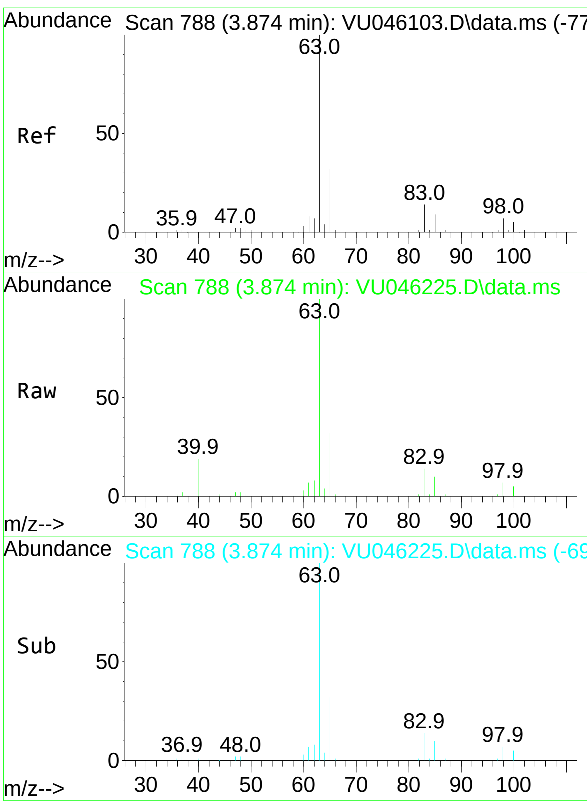
#17
trans-1,2-Dichloroethene
Concen: 0.803 ug/L
RT: 3.360 min Scan# 6
Delta R.T. 0.000 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1118

Ion	Ratio	Lower	Upper
96	100		
61	93.2	94.6	175.6#
98	52.1	44.0	81.8

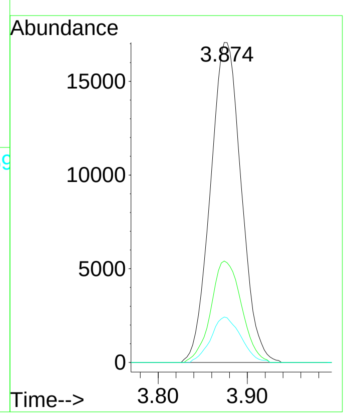


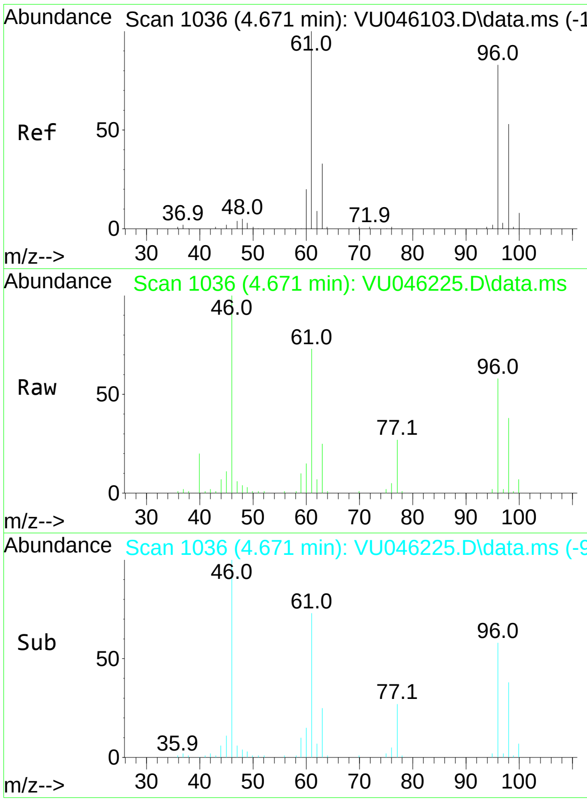


#19
1,1-Dichloroethane
Concen: 16.242 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Tgt Ion: 63 Resp: 41141

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.8	42.4
83	14.2	9.6	17.8



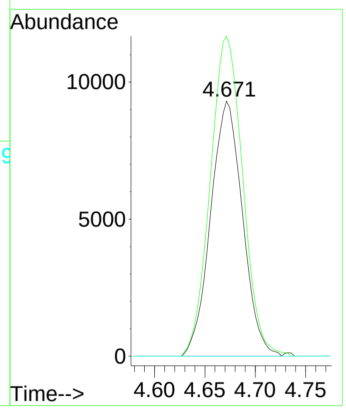


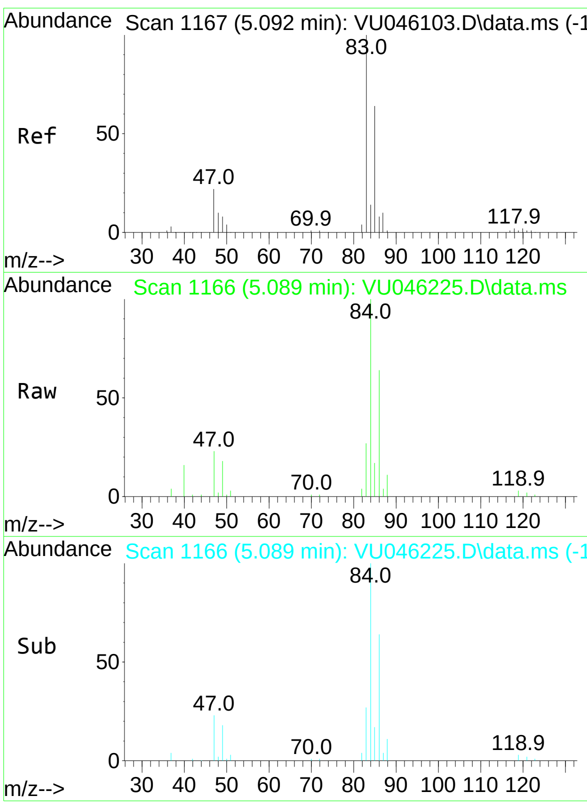
#20
cis-1,2-Dichloroethene
Concen: 13.569 ug/L
RT: 4.671 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 20510

Ion	Ratio	Lower	Upper
96	100		
61	125.5	86.8	161.2
68	0.0	0.0	0.0

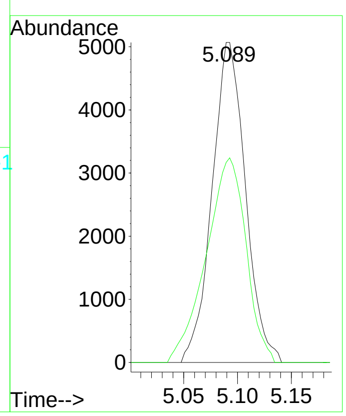


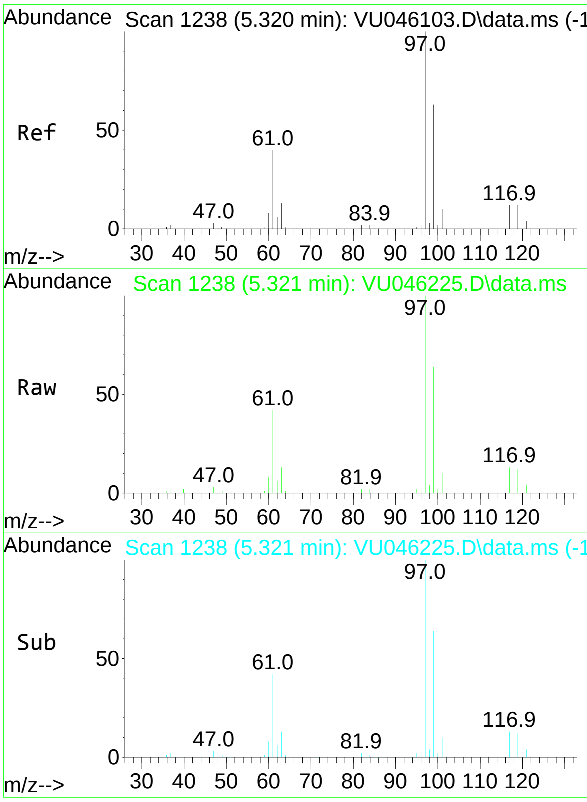


#25
Chloroform
Concen: 3.883 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Tgt Ion: 83 Resp: 10927

Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.8	85.2





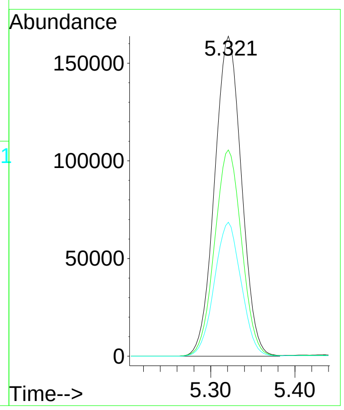
#30
1,1,1-Trichloroethane
Concen: 149.573 ug/L
RT: 5.321 min Scan# 1

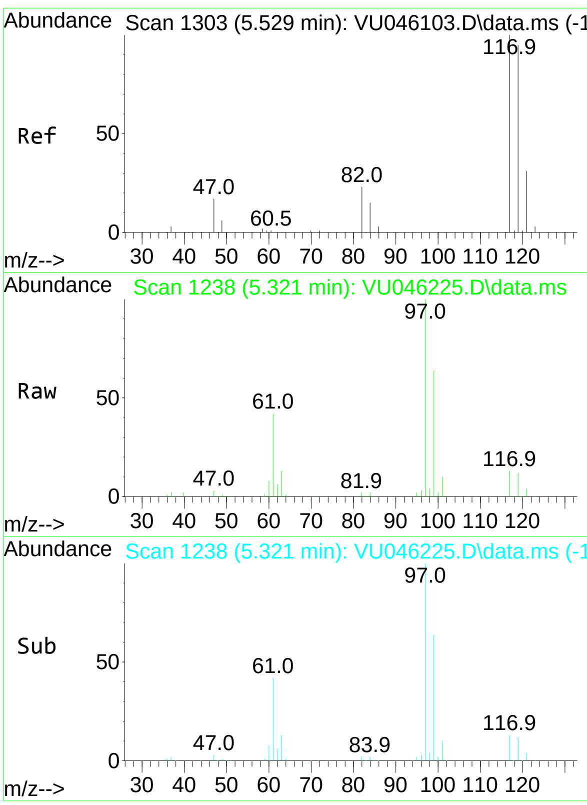
Instrument :
MSVOA_U
ClientSampleId :

Delta R.T. 0.000 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Tgt Ion: 97 Resp: 363297

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.6
61	41.7	34.4	51.6

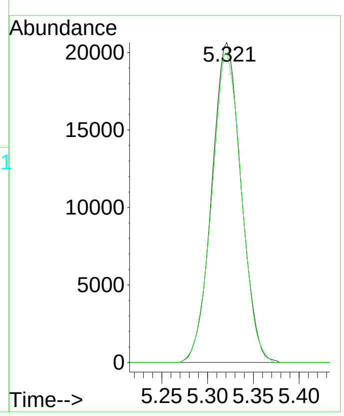


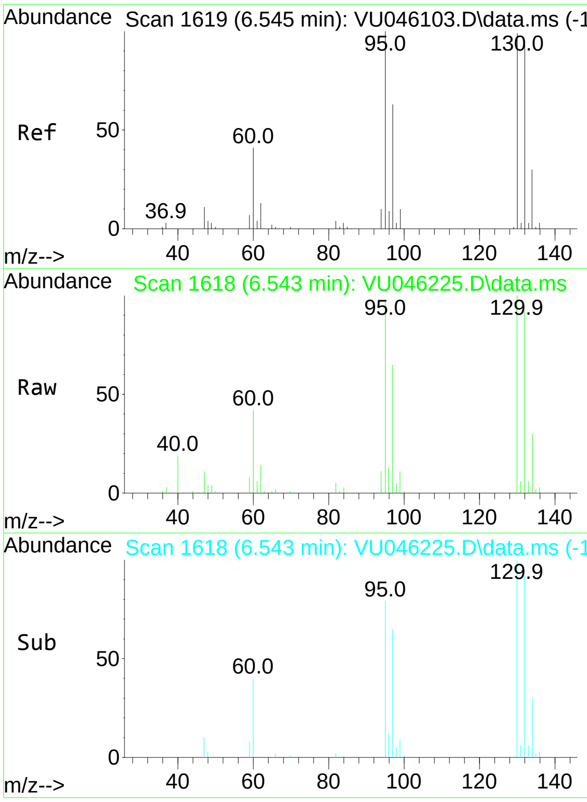


#31
Carbon tetrachloride
Concen: 22.315 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.209 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Tgt Ion:117 Resp: 46014

Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.7	113.5



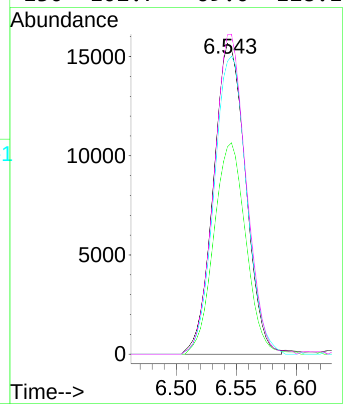


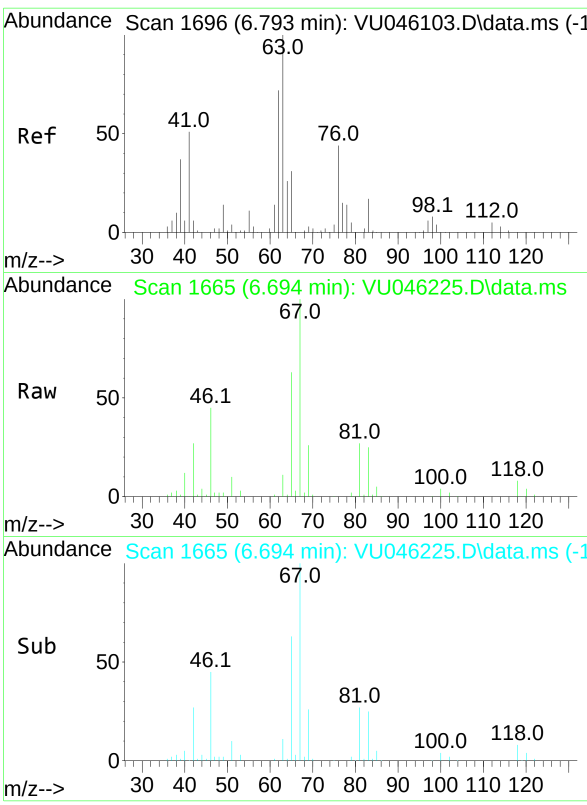
#34
Trichloroethene
Concen: 18.545 ug/L
RT: 6.543 min   Scan# 1
Delta R.T.   -0.003 min
Lab File: VU046225.D
Acq: 09 Dec 2021   17:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 29259

Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.1	81.9
132	94.2	66.8	124.0
130	102.7	69.0	128.1

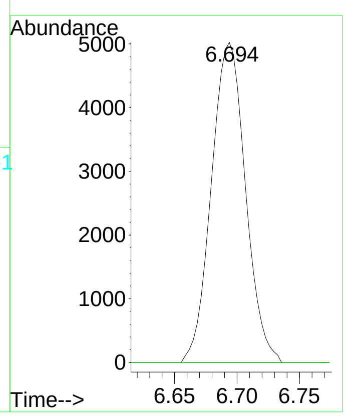


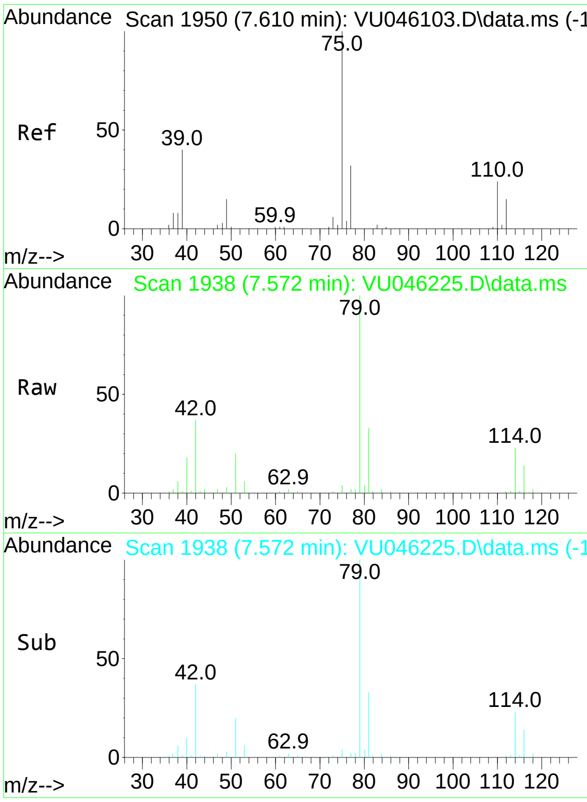


#37
1,2-Dichloropropane
Concen: 6.096 ug/L
RT: 6.694 min   Scan# 1665
Delta R.T.   -0.099 min
Lab File: VU046225.D
Acq: 09 Dec 2021   17:21

Tgt Ion: 63 Resp: 9563

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



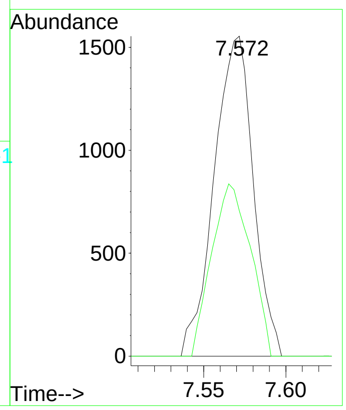


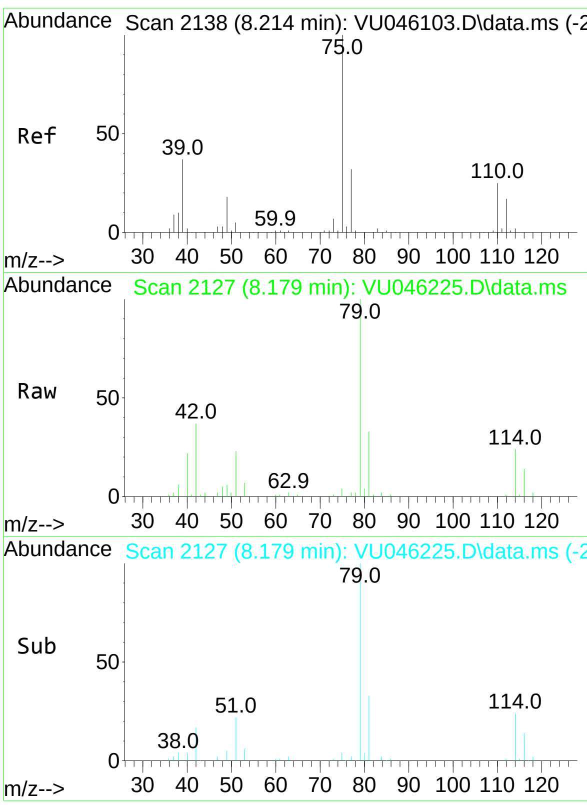
#39
cis-1,3-Dichloropropene
Concen: 1.077 ug/L
RT: 7.572 min   Scan# 1
Delta R.T.   -0.038 min
Lab File: VU046225.D
Acq: 09 Dec 2021   17:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2570

Ion	Ratio	Lower	Upper
75	100		
77	45.4	21.8	40.6#

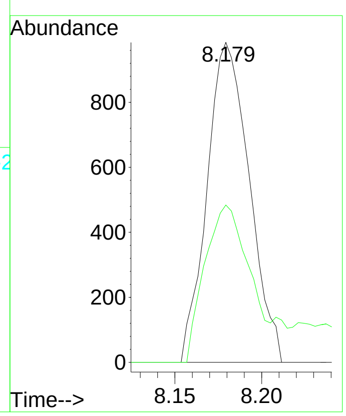


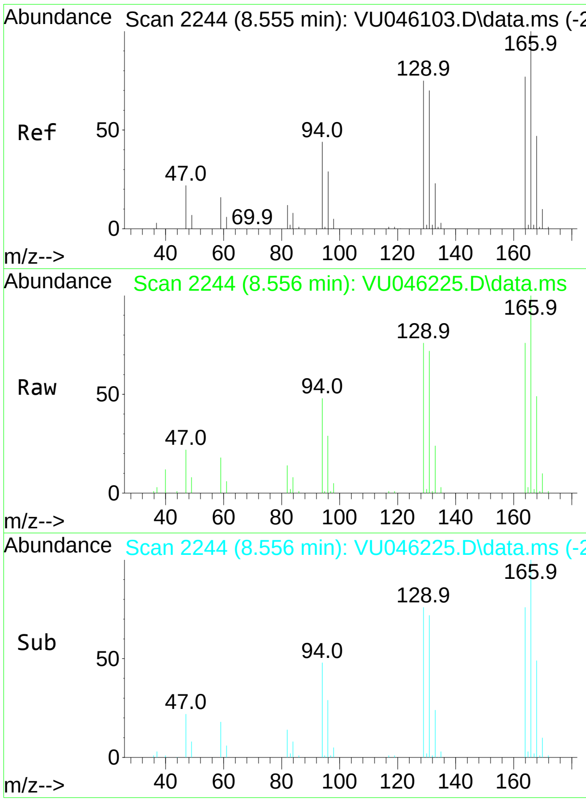


#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 8.179 min   Scan# 2127
Delta R.T.   -0.035 min
Lab File: VU046225.D
Acq: 09 Dec 2021   17:21

Tgt Ion: 75 Resp: 1667

Ion	Ratio	Lower	Upper
75	100		
77	43.7	21.7	40.3#



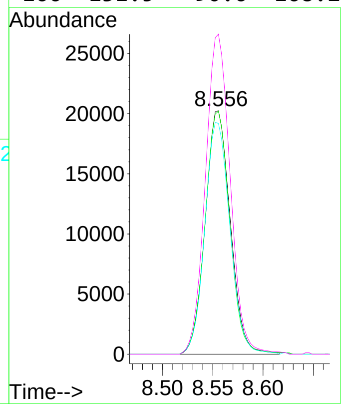


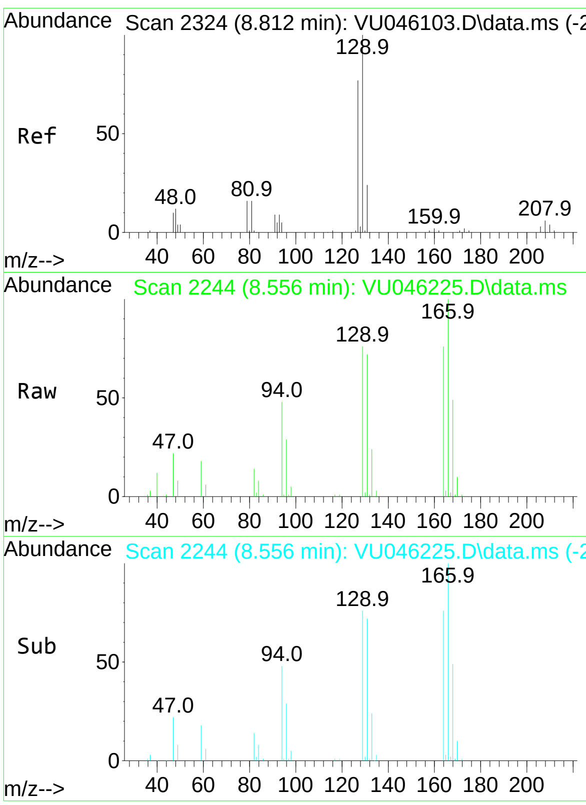
#46
Tetrachloroethene
Concen: 30.445 ug/L
RT: 8.556 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 35299

Ion	Ratio	Lower	Upper
164	100		
129	99.8	71.1	132.1
131	94.8	67.8	126.0
166	131.5	90.6	168.2

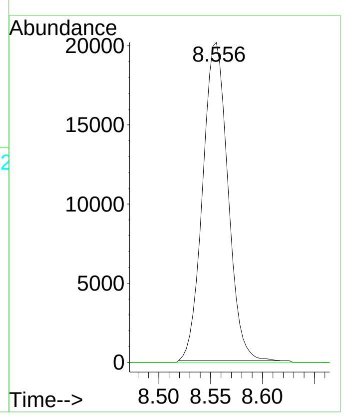


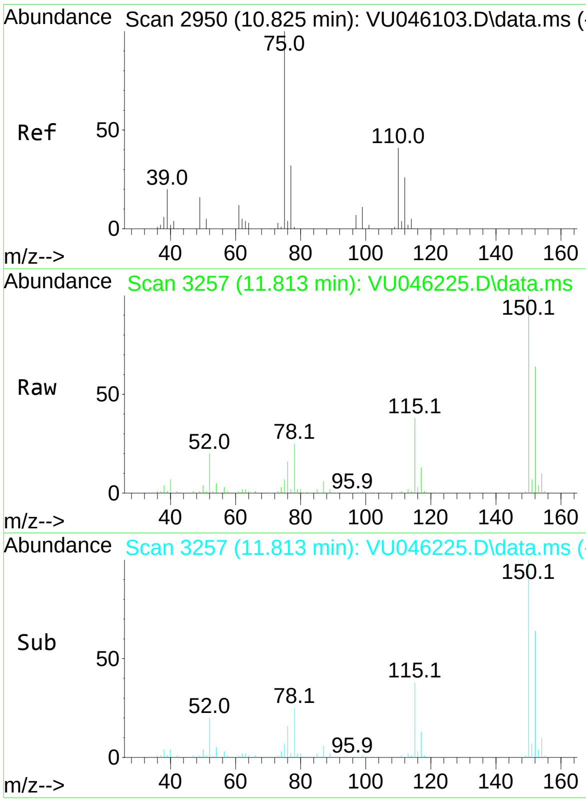


#49
Dibromochloromethane
Concen: 20.531 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Tgt Ion:129 Resp: 33934

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#





#60
1,2,3-Trichloropropane
Concen: 5.190 ug/L
RT: 11.813 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU046225.D
Acq: 09 Dec 2021 17:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12093

Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.4	39.6
110	1.9	32.4	48.6#