Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
Data File : VU050686.D
Acq On : 08 Sep 2022 15:26
Operator : SY/MD
Sample : N4475-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 08 22:55:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 08 22:51:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	236173	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	247864	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61752	30.570	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 61.140%			
7) Chloroethane-d5	1.903	69	53897	39.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.920%			
11) 1,1-Dichloroethene-d2	2.562	63	91682	25.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.360%#			
21) 2-Butanone-d5	4.620	46	174962	118.385	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.390%			
24) Chloroform-d	5.060	84	182242	47.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	5.700	65	125059	53.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.920%			
32) Benzene-d6	5.726	84	347080	42.373	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.740%			
36) 1,2-Dichloropropane-d6	6.690	67	122244	45.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.920%			
41) Toluene-d8	7.899	98	275484	39.329	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.660%#			
43) trans-1,3-Dichloroprop...	8.179	79	51048	45.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.760%			
47) 2-Hexanone-d5	8.632	63	69559	102.828	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.830%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	206148	50.655	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.300%			
66) 1,2-Dichlorobenzene-d4	12.192	152	105503	48.245	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.500%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	816	0.442	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1110	0.619	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	3738	1.742	ug/L	79
34) Trichloroethene	6.543	95	23584	11.221	ug/L	96
37) 1,2-Dichloropropane	6.687	63	13773	5.780	ug/L #	89
44) trans-1,3-Dichloropropene	8.179	75	2395	0.791	ug/L #	63
45) 1,1,2-Trichloroethane	8.552	97	1303	0.569	ug/L #	21
46) Tetrachloroethene	8.552	164	142715	92.964	ug/L	99
48) 2-Hexanone	8.684	43	35547	11.731	ug/L #	87

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

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Quant Title : VOC Analysis
QLast Update : Thu Sep 08 22:51:50 2022
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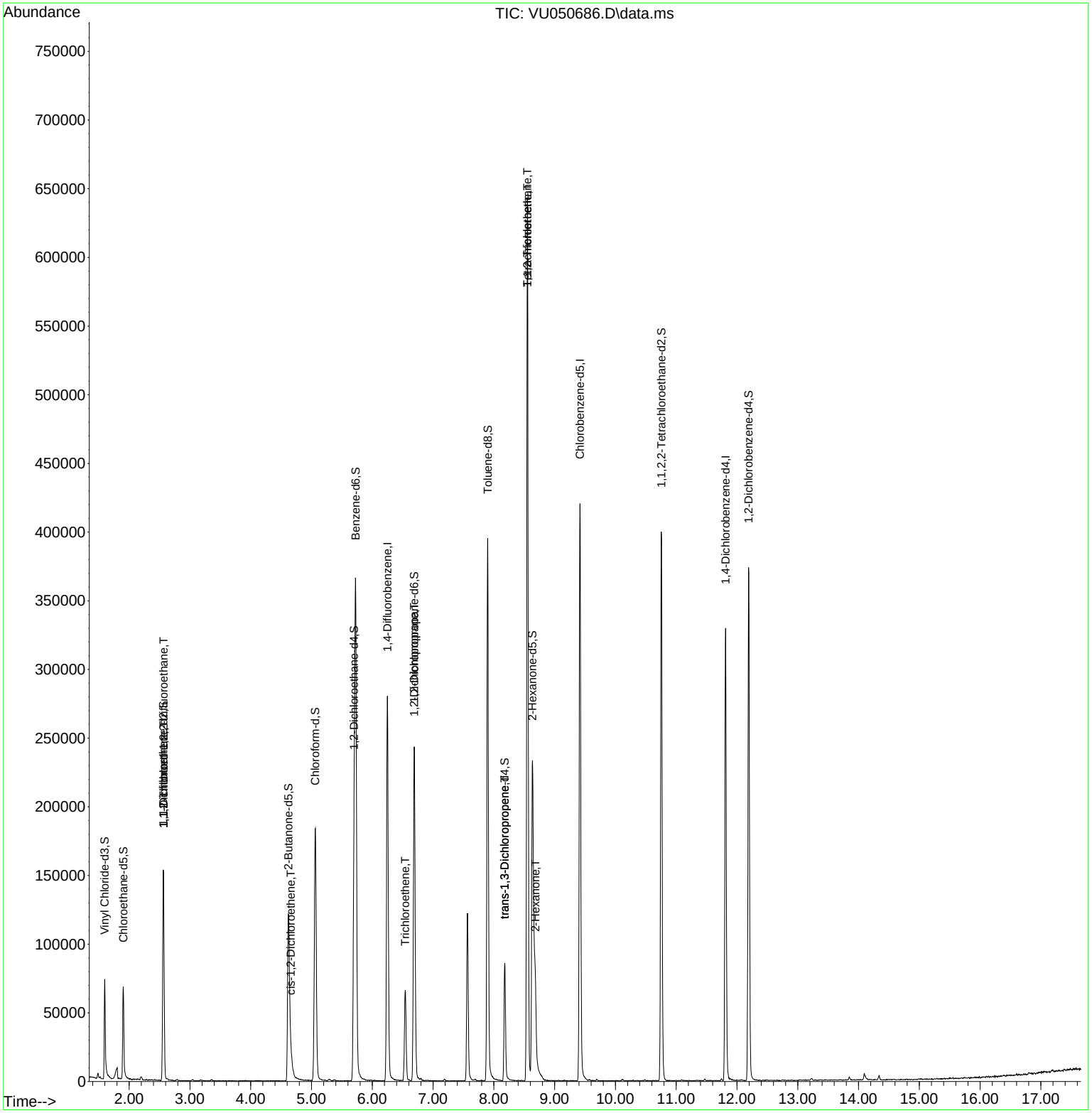
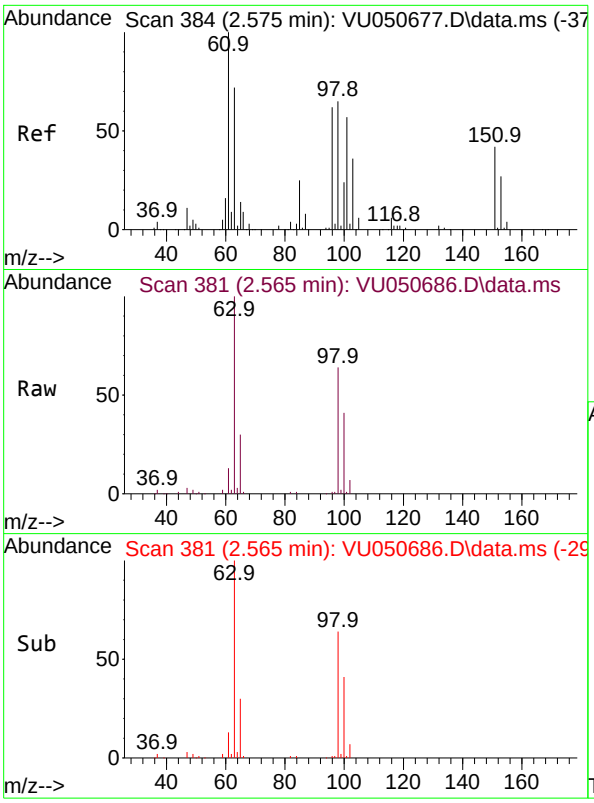


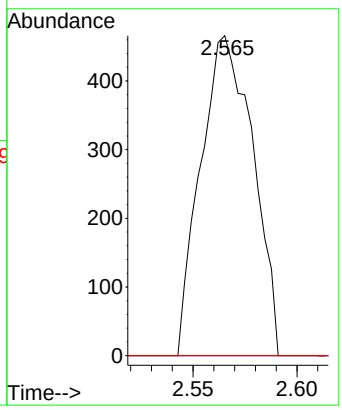


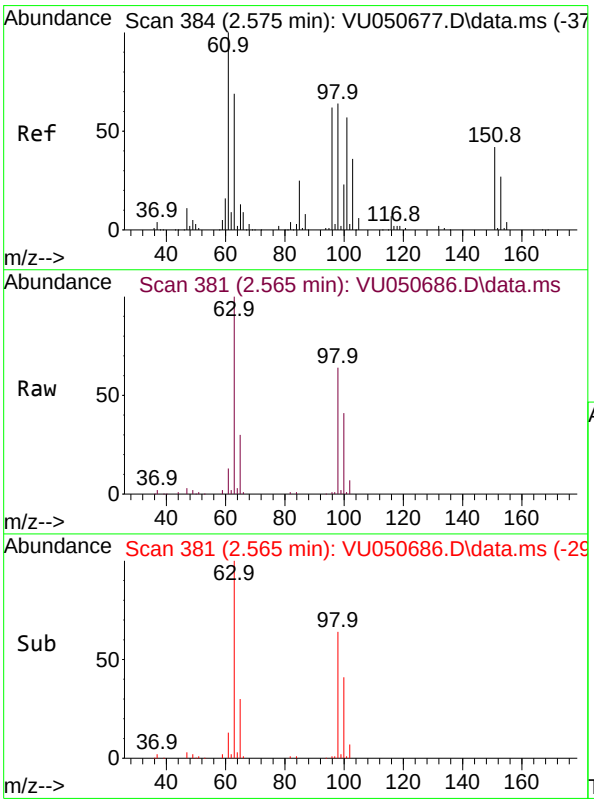
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.442 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 816

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.4	51.6#
151	0.0	57.7	86.5#

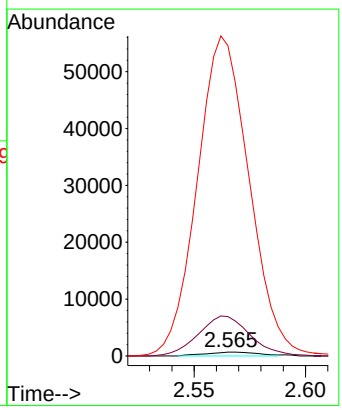


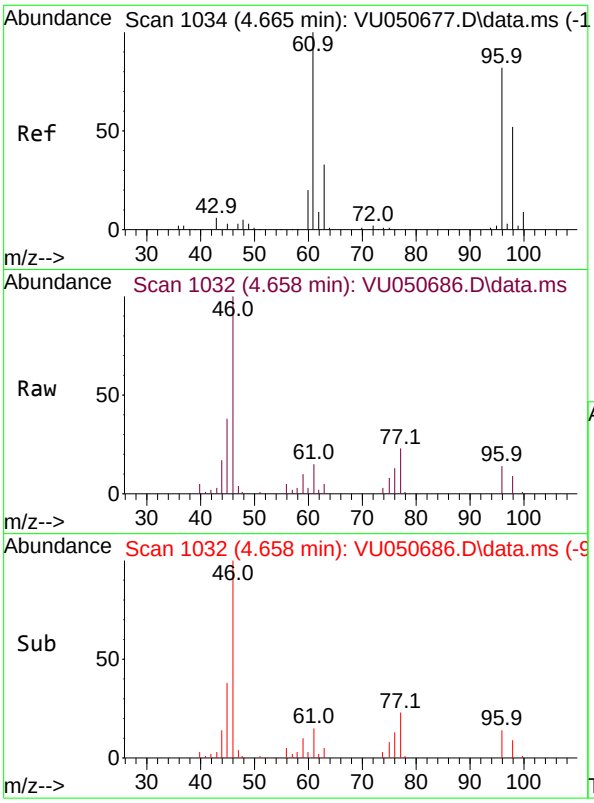


#12
1,1-Dichloroethene
Concen: 0.619 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 96 Resp: 1110

Ion	Ratio	Lower	Upper
96	100		
61	1025.8	118.0	219.1#
63	8086.5	79.5	147.7#



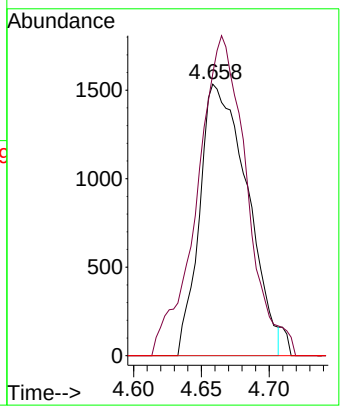


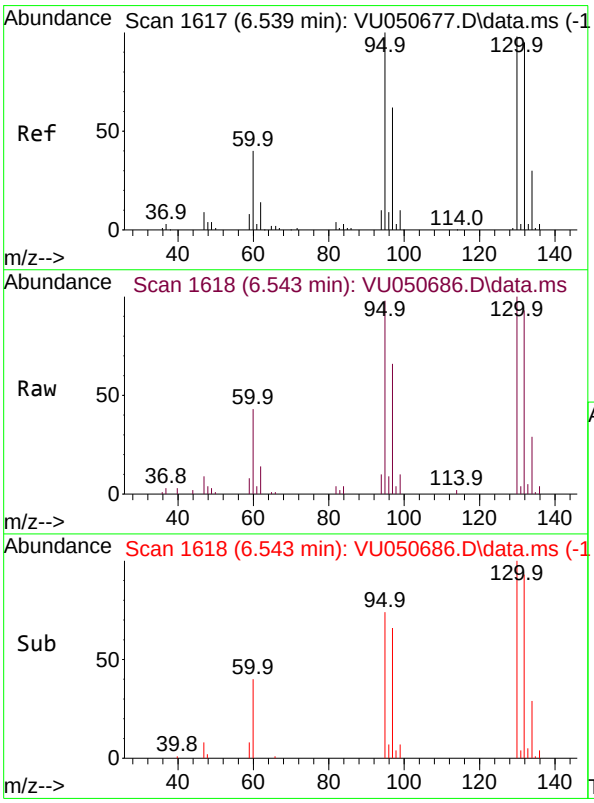
#20
cis-1,2-Dichloroethene
Concen: 1.742 ug/L
RT: 4.658 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3738

Ion	Ratio	Lower	Upper
96	100		
61	103.9	89.8	166.8
68	0.0	0.0	0.0

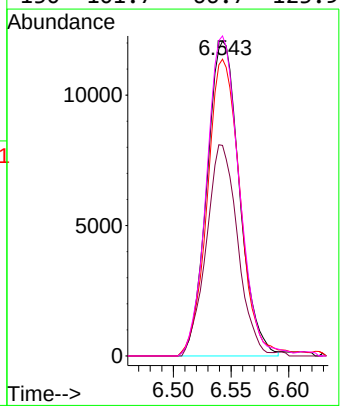


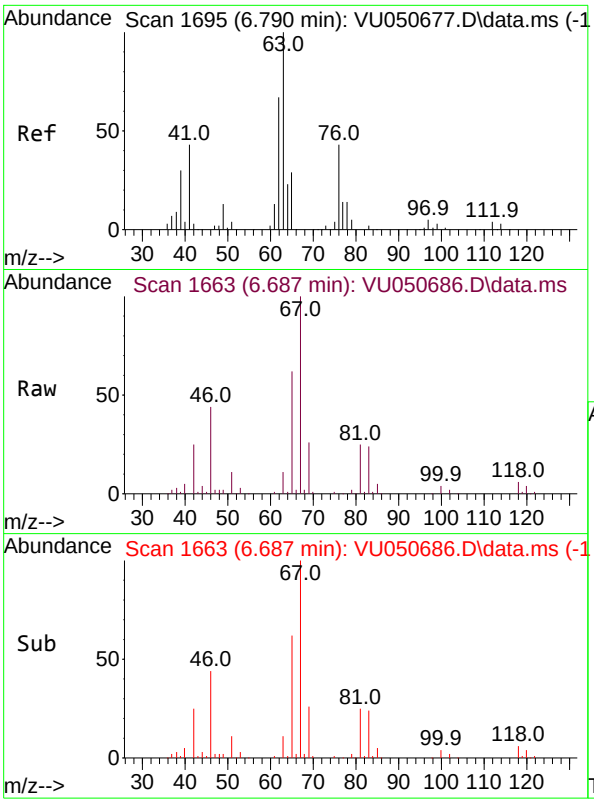


#34
Trichloroethene
Concen: 11.221 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 95 Resp: 23584

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.4	84.2
132	94.3	65.2	121.2
130	101.7	66.7	123.9



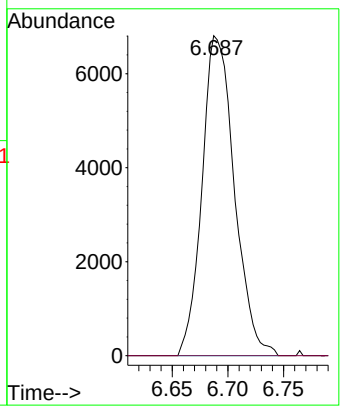


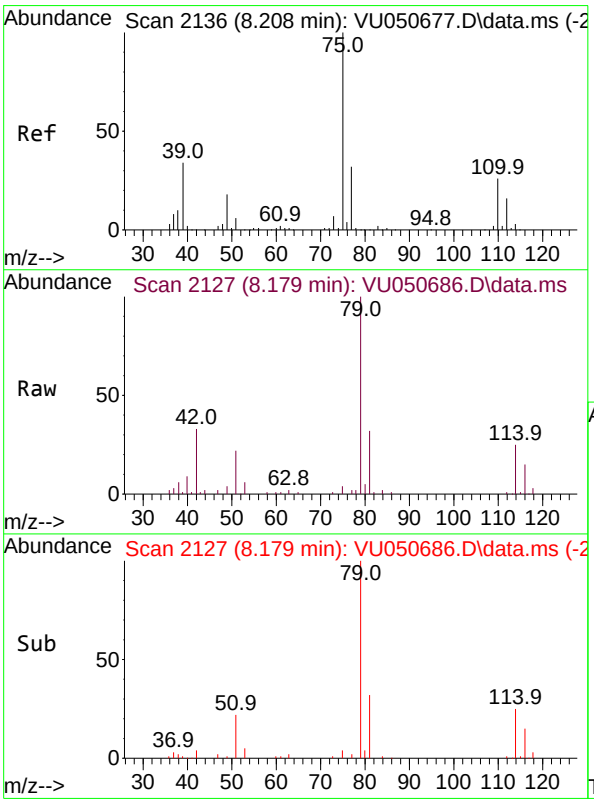
#37
1,2-Dichloropropane
Concen: 5.780 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 13773

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

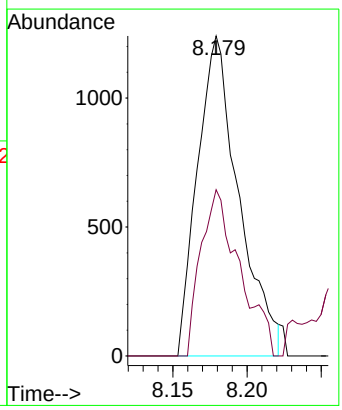


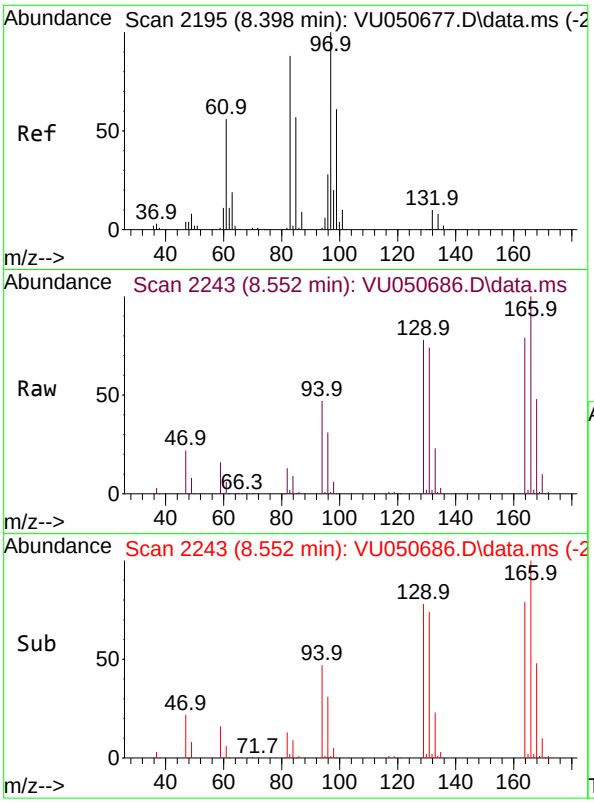


#44
trans-1,3-Dichloropropene
Concen: 0.791 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.029 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 75 Resp: 2395

Ion	Ratio	Lower	Upper
75	100		
77	52.0	22.1	41.1#



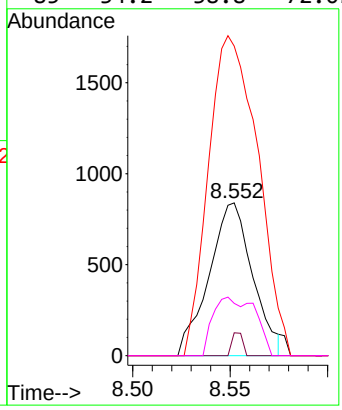


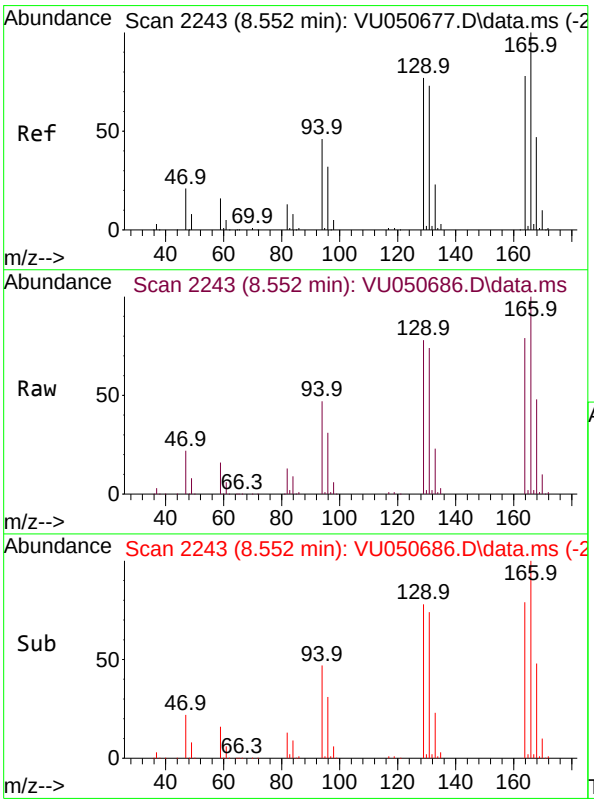
#45
1,1,2-Trichloroethane
Concen: 0.569 ug/L
RT: 8.552 min Scan# 2
Delta R.T. 0.154 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1303

Ion	Ratio	Lower	Upper
97	100		
99	15.0	43.5	80.9#
83	202.6	61.6	114.4#
85	34.2	38.8	72.0#

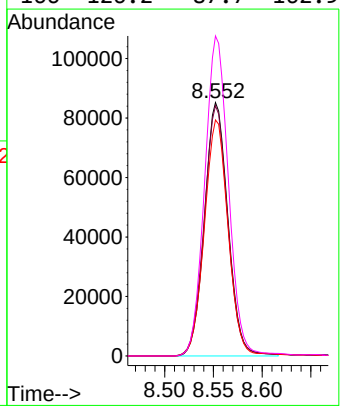


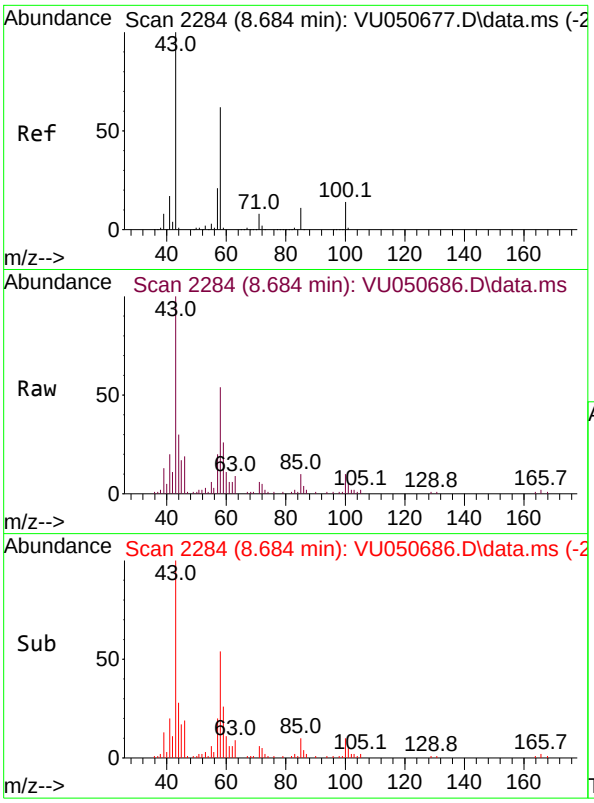


#46
Tetrachloroethene
Concen: 92.964 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Tgt Ion:164 Resp: 142715

Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.7	127.5
131	93.1	66.2	123.0
166	126.2	87.7	162.9





#48
2-Hexanone
Concen: 11.731 ug/L
RT: 8.684 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 35547

Ion	Ratio	Lower	Upper
43	100		
58	50.7	51.8	77.6#
57	22.8	17.0	25.4
100	9.8	9.8	14.8#