Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
Data File : VU046317.D
Acq On : 13 Dec 2021 15:52
Operator : SY/MD
Sample : M4975-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 14 02:35:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 13 13:51:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145204	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	155642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	60345	50.451	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.900%			
7) Chloroethane-d5	1.919	69	44543	48.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.000%			
11) 1,1-Dichloroethene-d2	2.572	63	77757	36.212	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.420%			
21) 2-Butanone-d5	4.639	46	83377	87.686	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.690%			
24) Chloroform-d	5.067	84	95909	48.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.040%			
26) 1,2-Dichloroethane-d4	5.703	65	68594	51.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.340%			
32) Benzene-d6	5.732	84	204374	45.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.620%			
36) 1,2-Dichloropropane-d6	6.694	67	63668	46.052	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.100%			
41) Toluene-d8	7.899	98	175810	43.285	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.560%			
43) trans-1,3-Dichloroprop...	8.179	79	29790	44.636	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.280%			
47) 2-Hexanone-d5	8.636	63	59117	90.185	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.180%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	99225	47.325	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.660%			
66) 1,2-Dichlorobenzene-d4	12.195	152	71234	48.483	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.960%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	603	0.571	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	559	0.557	ug/L #	1
25) Chloroform	5.092	83	8882	4.138	ug/L	93
27) 1,2-Dichloroethane	5.732	62	1125	0.706	ug/L #	73
35) Methylcyclohexane	6.697	83	15927	8.277	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6975	5.652	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1719	0.916	ug/L #	52
44) trans-1,3-Dichloropropene	8.179	75	1309	0.710	ug/L #	81
60) 1,2,3-Trichloropropane	11.812	75	9305	5.564	ug/L #	65

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

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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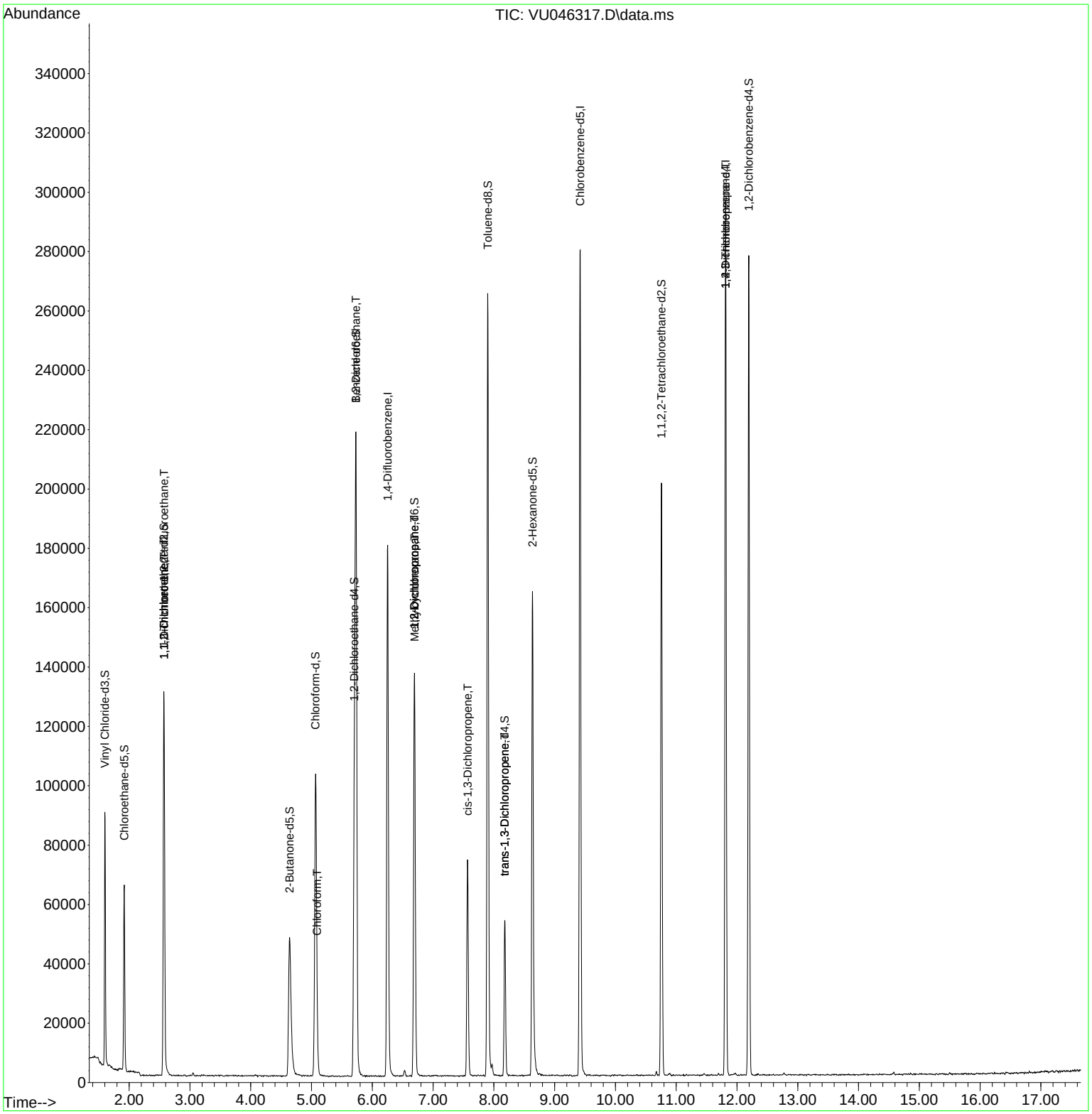
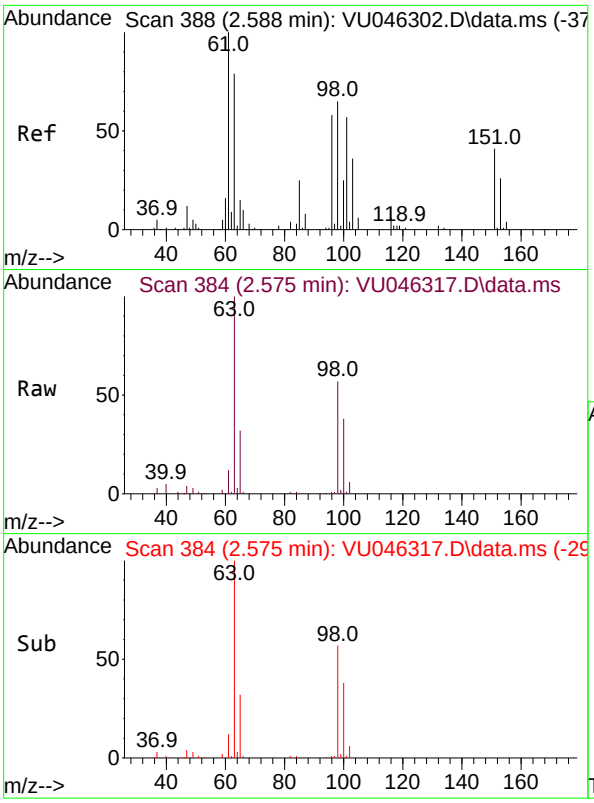
ClientSampleId :

Quant Time: Dec 14 02:35:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 13 13:51:57 2021
Response via : Initial Calibration



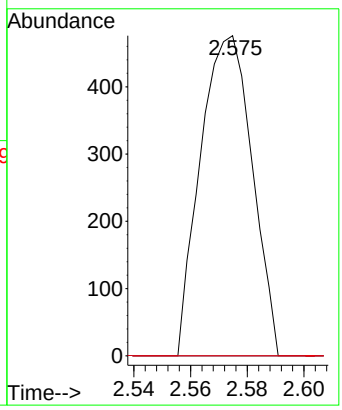


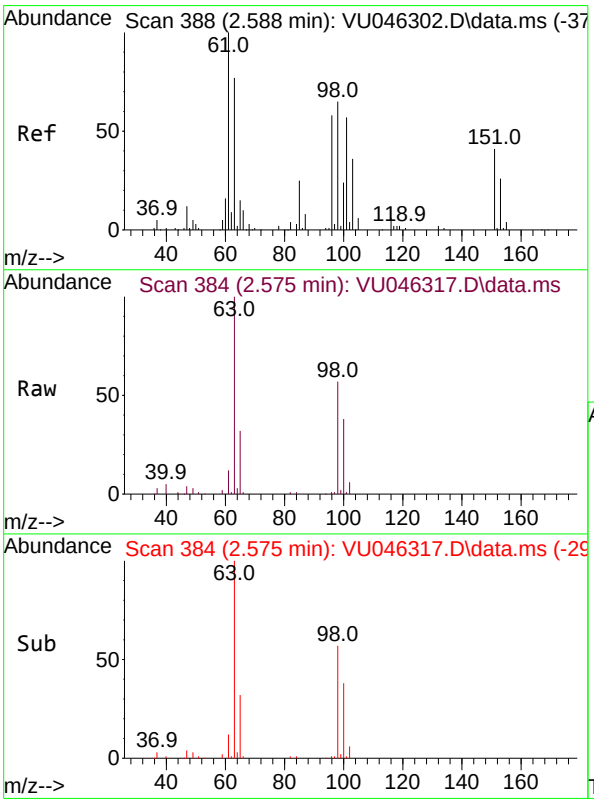
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.571 ug/L
RT: 2.575 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:101 Resp: 603

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

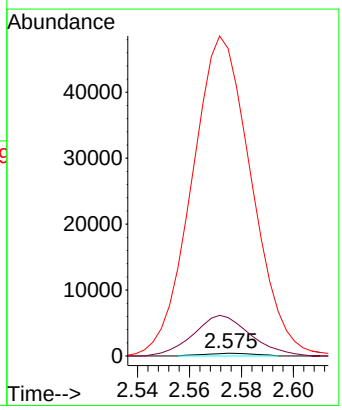


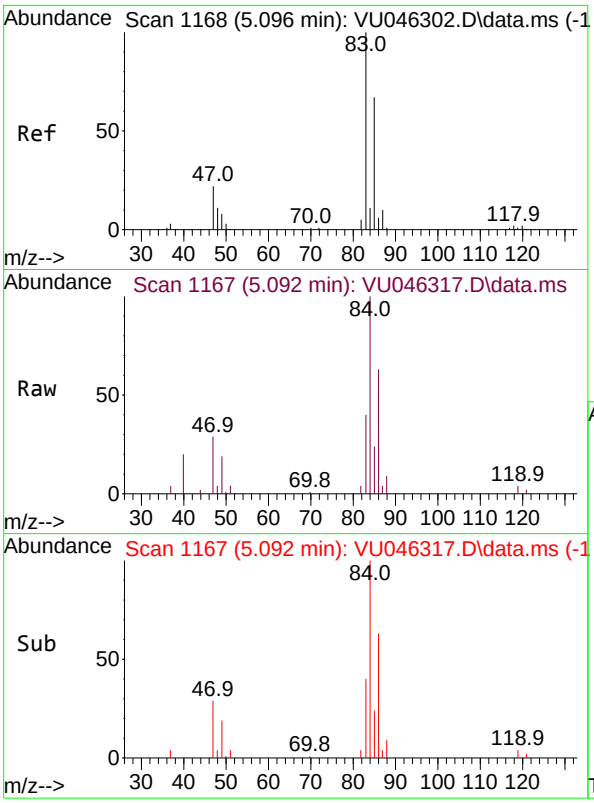


#12
1,1-Dichloroethene
Concen: 0.557 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Tgt Ion: 96 Resp: 559

Ion	Ratio	Lower	Upper
96	100		
61	1445.9	118.6	220.2#
63	11577.2	93.0	172.8#



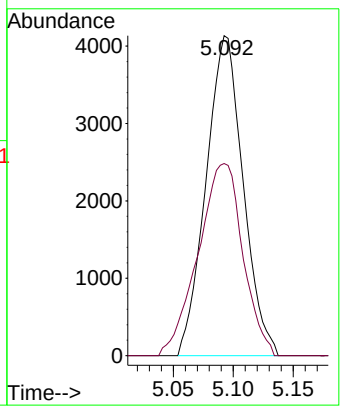


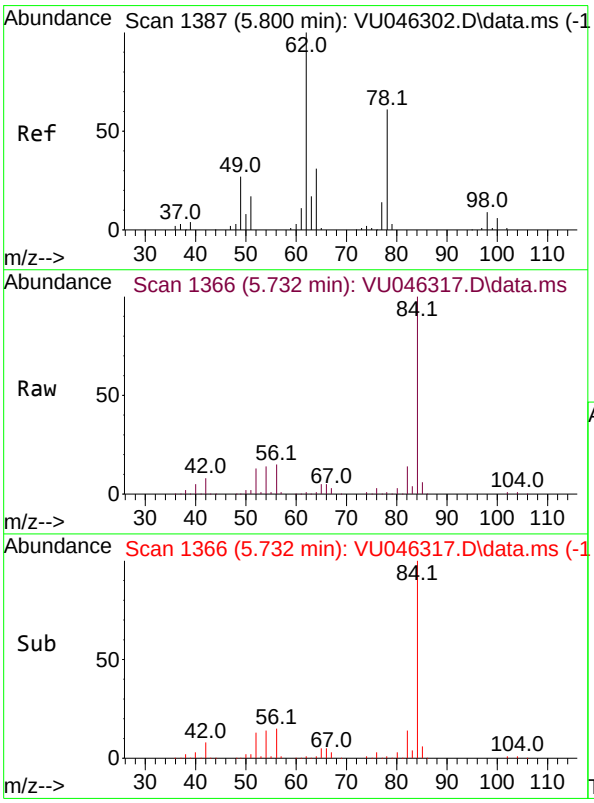
#25
Chloroform
Concen: 4.138 ug/L
RT: 5.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 8882

Ion	Ratio	Lower	Upper
83	100		
85	60.1	45.8	85.2

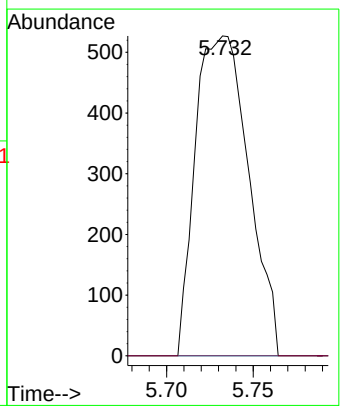


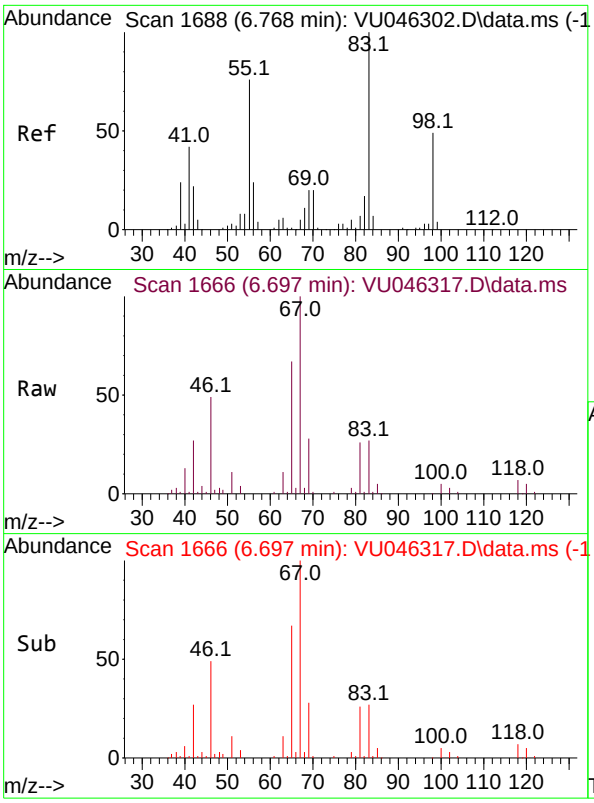


#27
1,2-Dichloroethane
Concen: 0.706 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.068 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Tgt Ion: 62 Resp: 1125

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#



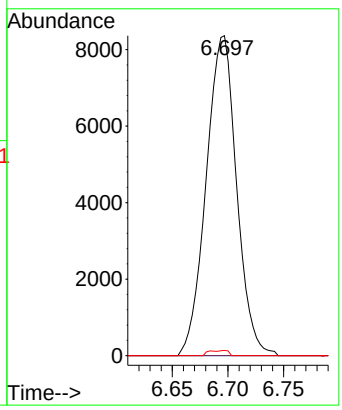


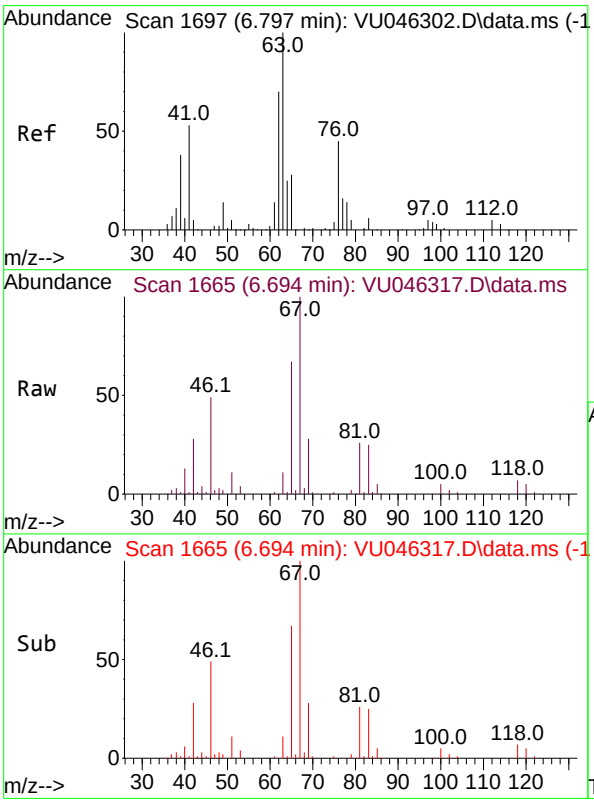
#35
Methylcyclohexane
Concen: 8.277 ug/L
RT: 6.697 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 15927

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.5	38.4	57.6#

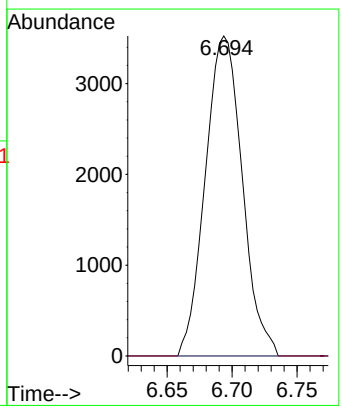


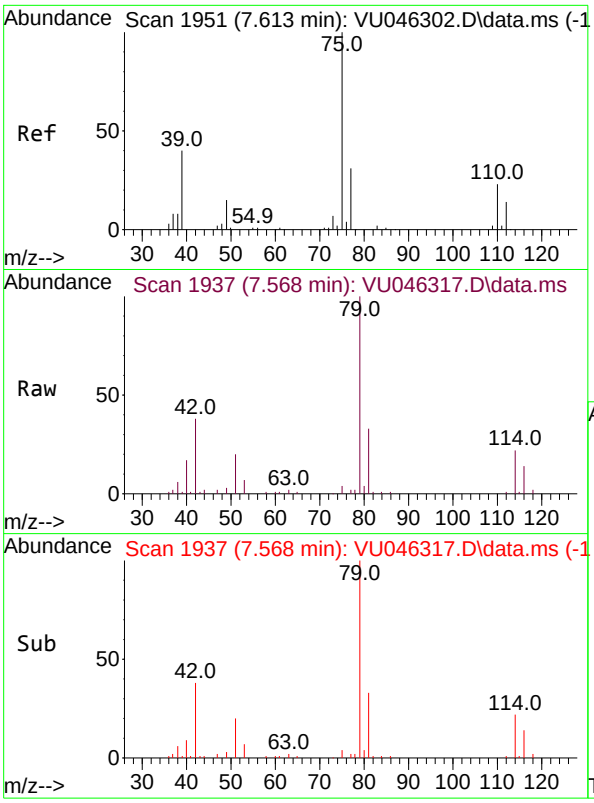


#37
1,2-Dichloropropane
Concen: 5.652 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Tgt Ion: 63 Resp: 6975

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



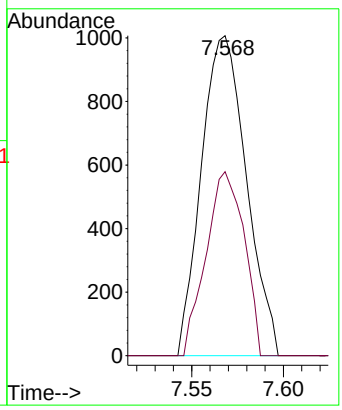


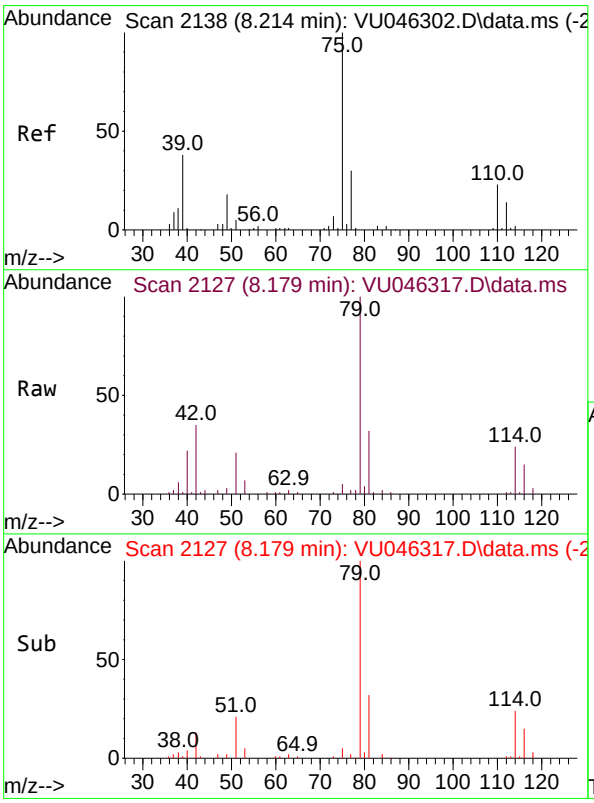
#39
cis-1,3-Dichloropropene
Concen: 0.916 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.045 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 1719

Ion	Ratio	Lower	Upper
75	100		
77	57.5	21.8	40.6#

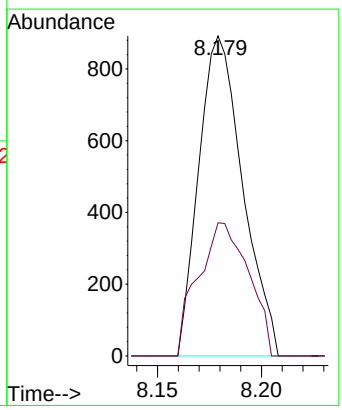


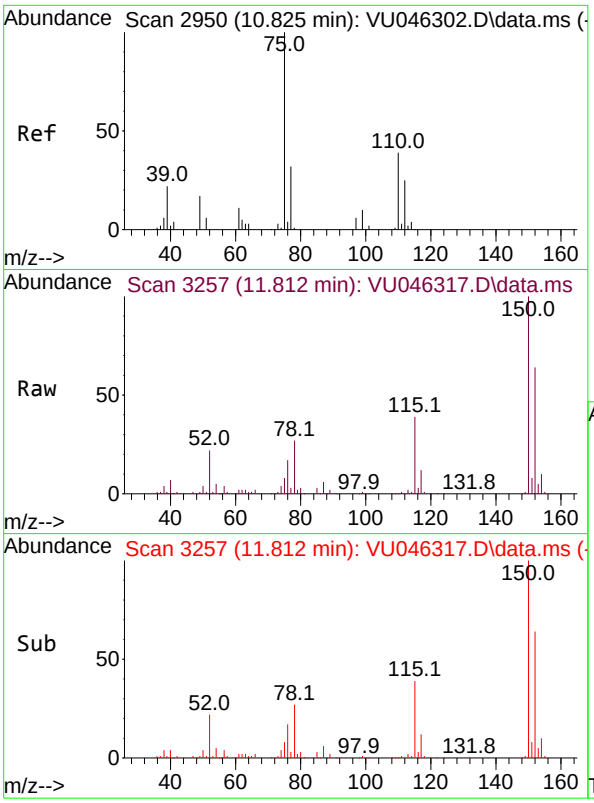


#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Tgt Ion: 75 Resp: 1309

Ion	Ratio	Lower	Upper
75	100		
77	41.6	21.7	40.3#





#60
1,2,3-Trichloropropane
Concen: 5.564 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU046317.D
Acq: 13 Dec 2021 15:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 9305

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.4	39.6
110	1.5	32.4	48.6#