Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046427.D
Acq On : 16 Dec 2021 17:32
Operator : SY/MD
Sample : M5037-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 01:54:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143763	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	149102	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	71165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	56944	48.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.160%			
7) Chloroethane-d5	1.919	69	41309	45.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.860%			
11) 1,1-Dichloroethene-d2	2.572	63	72742	34.216	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.440%			
21) 2-Butanone-d5	4.633	46	74930	79.593	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.590%			
24) Chloroform-d	5.070	84	97950	49.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.060%			
26) 1,2-Dichloroethane-d4	5.703	65	65790	49.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.140%			
32) Benzene-d6	5.732	84	193278	45.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.460%			
36) 1,2-Dichloropropane-d6	6.694	67	60890	45.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.940%			
41) Toluene-d8	7.899	98	164115	42.178	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.360%			
43) trans-1,3-Dichloroprop...	8.182	79	27595	43.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.320%			
47) 2-Hexanone-d5	8.636	63	57389	91.389	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.390%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86286	42.959	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.920%			
66) 1,2-Dichlorobenzene-d4	12.195	152	63562	46.378	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.760%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	557	0.532	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	460	0.463	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1112	0.705	ug/L #	73
35) Methylcyclohexane	6.694	83	14935	8.102	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6703	5.670	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1802	1.002	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	1125	0.637	ug/L	88
51) Chlorobenzene	9.446	112	4377	1.397	ug/L	90
60) 1,2,3-Trichloropropane	11.812	75	8762	5.617	ug/L #	64

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

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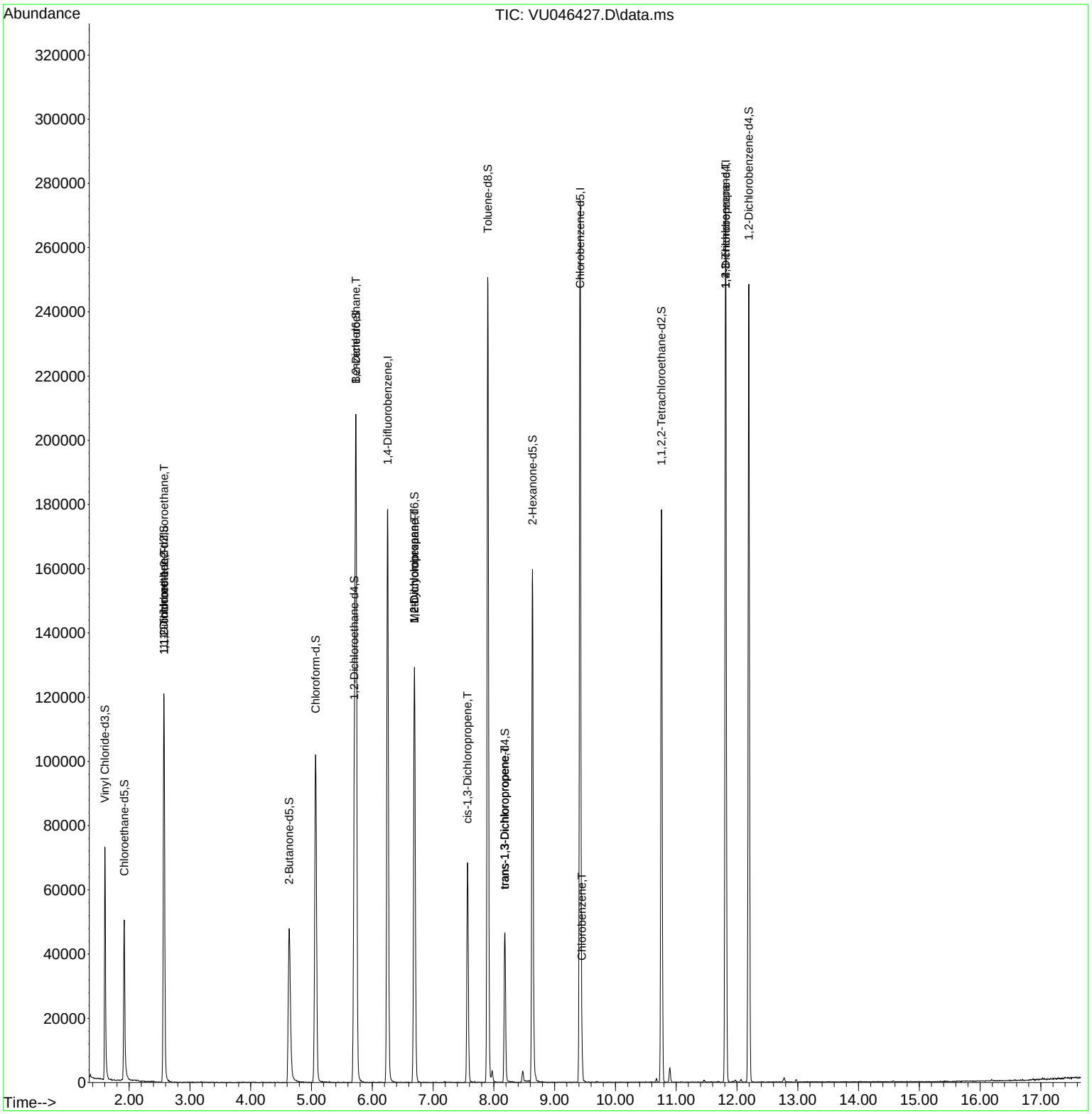
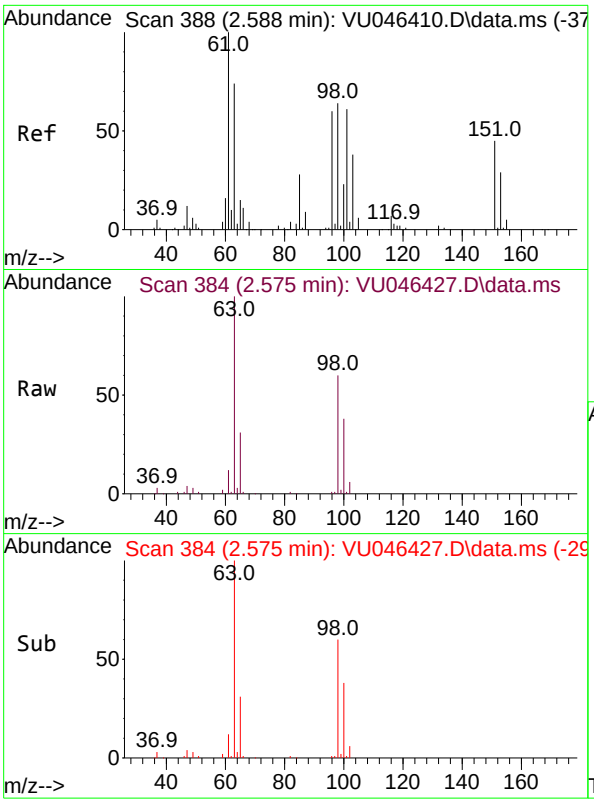
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 01:54:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration



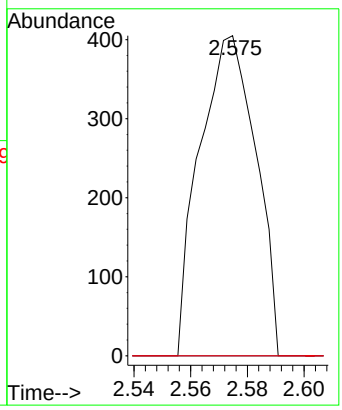


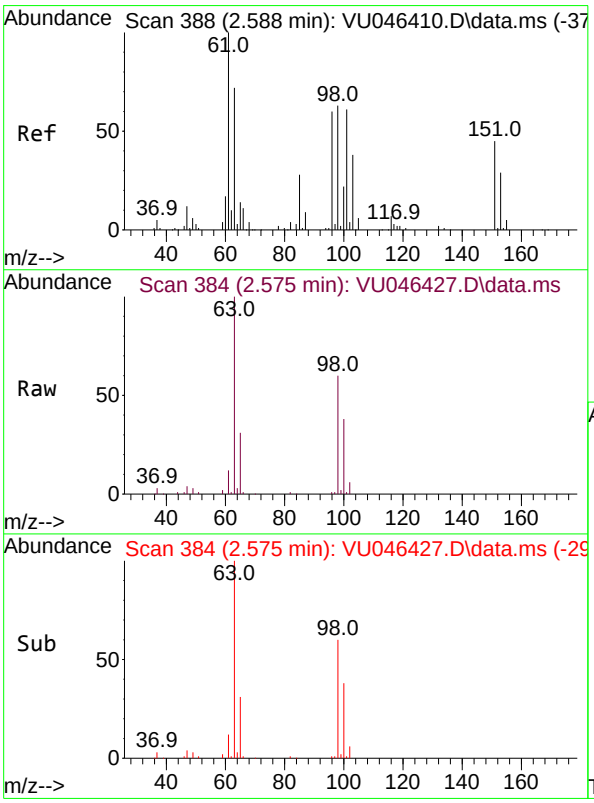
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.532 ug/L
RT: 2.575 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 557

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

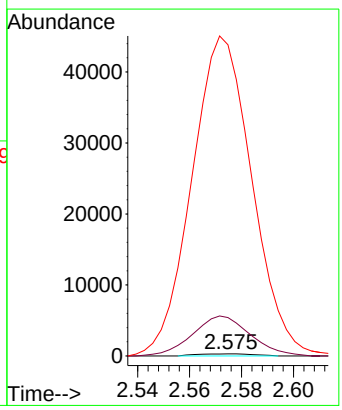


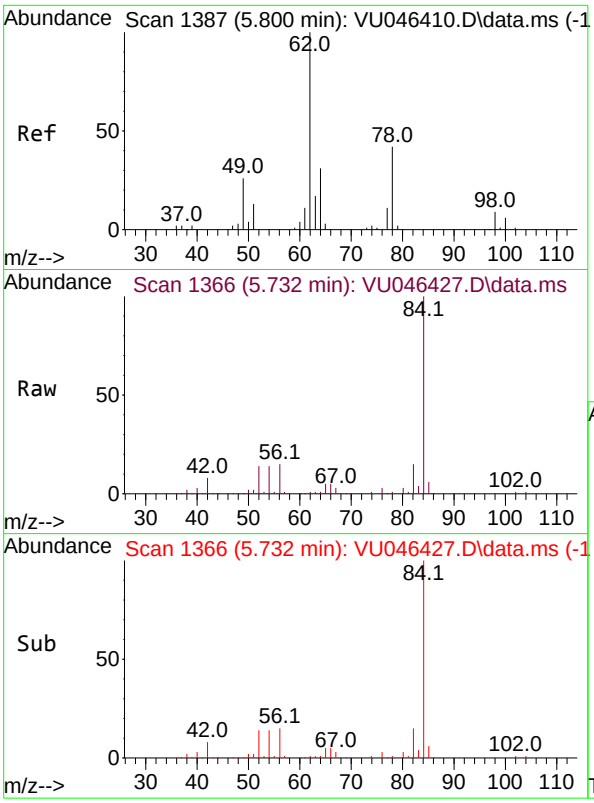


#12
1,1-Dichloroethene
Concen: 0.463 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Tgt Ion: 96 Resp: 460

Ion	Ratio	Lower	Upper
96	100		
61	1833.6	118.6	220.2#
63	14861.0	93.0	172.8#



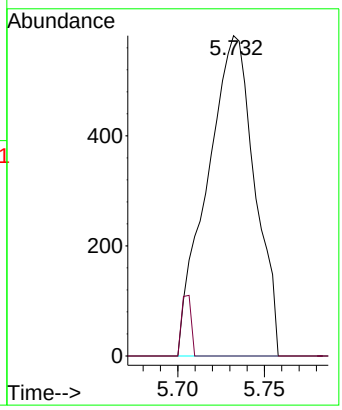


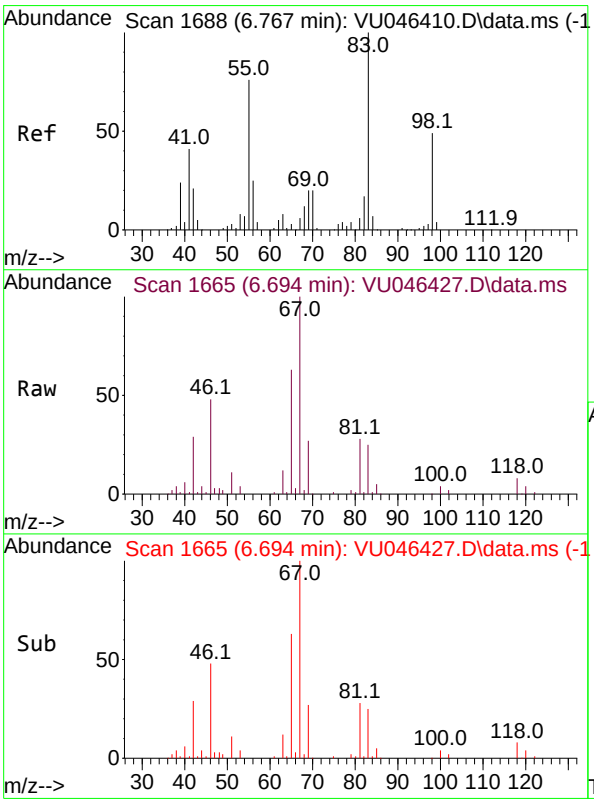
#27
1,2-Dichloroethane
Concen: 0.705 ug/L
RT: 5.732 min Scan# 1
Delta R.T. -0.067 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1112

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

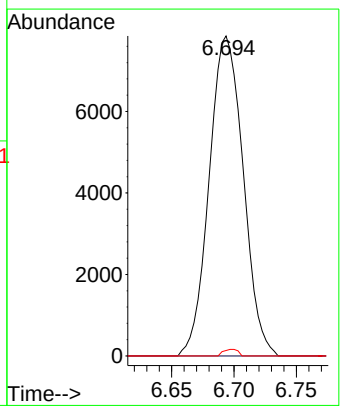


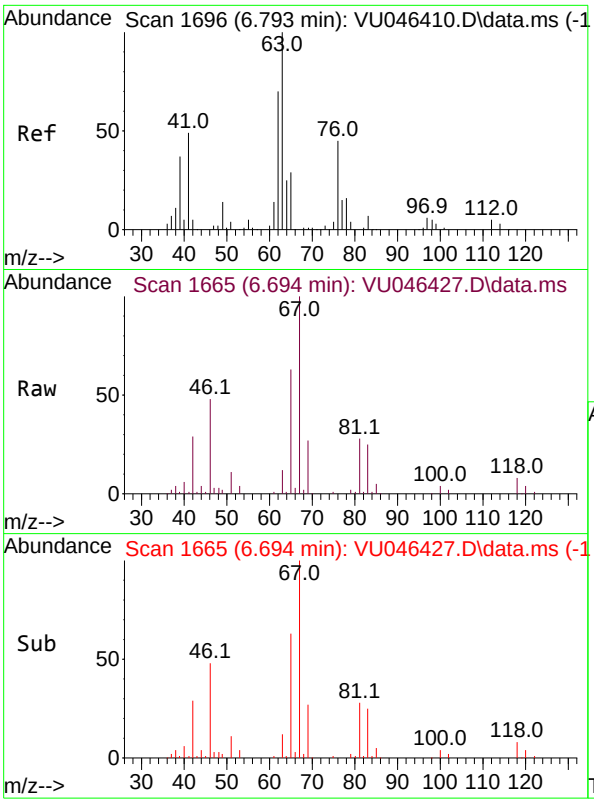


#35
Methylcyclohexane
Concen: 8.102 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Tgt Ion: 83 Resp: 14935

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.9	38.4	57.6#



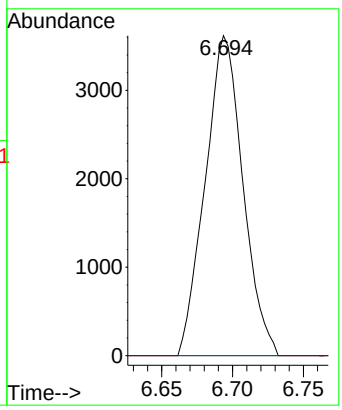


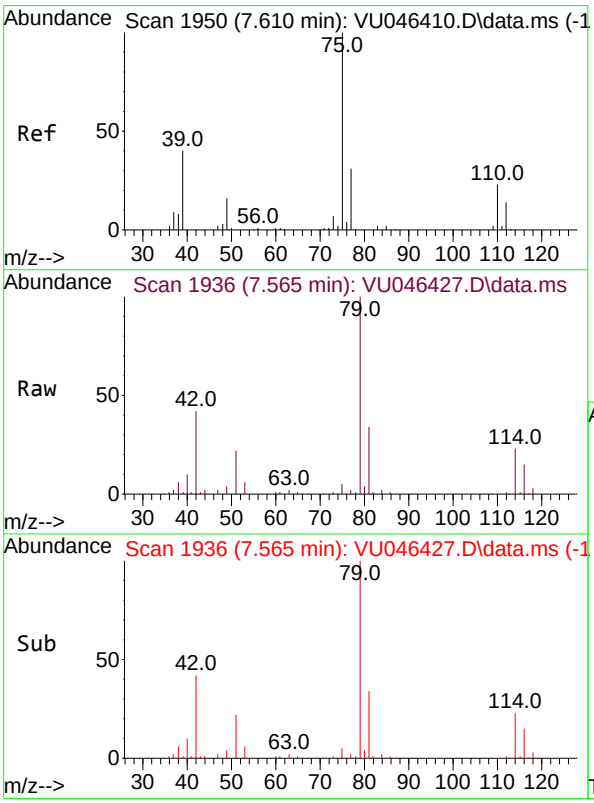
#37
1,2-Dichloropropane
Concen: 5.670 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6703

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

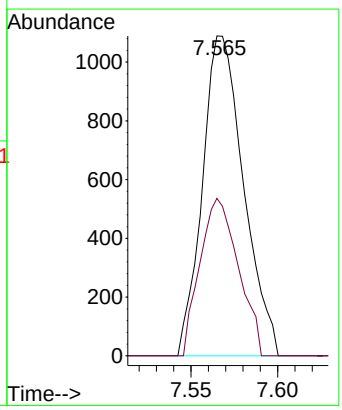


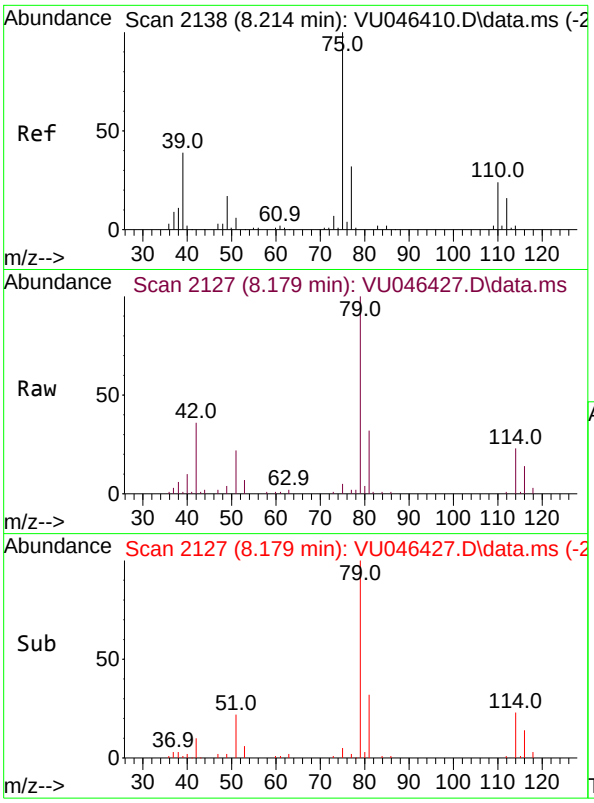


#39
cis-1,3-Dichloropropene
Concen: 1.002 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Tgt Ion: 75 Resp: 1802

Ion	Ratio	Lower	Upper
75	100		
77	49.2	21.8	40.6#



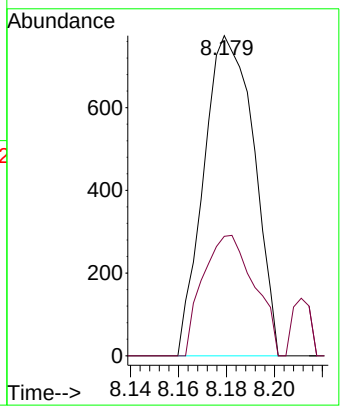


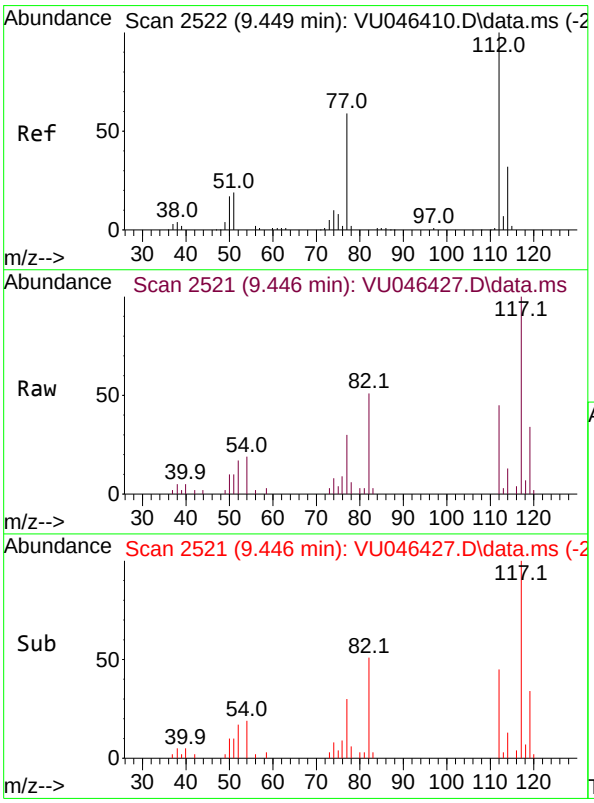
#44
trans-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.035 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1125

Ion	Ratio	Lower	Upper
75	100		
77	37.3	21.7	40.3

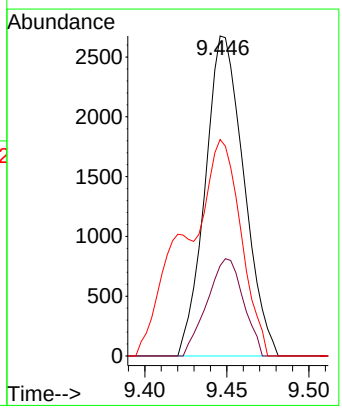


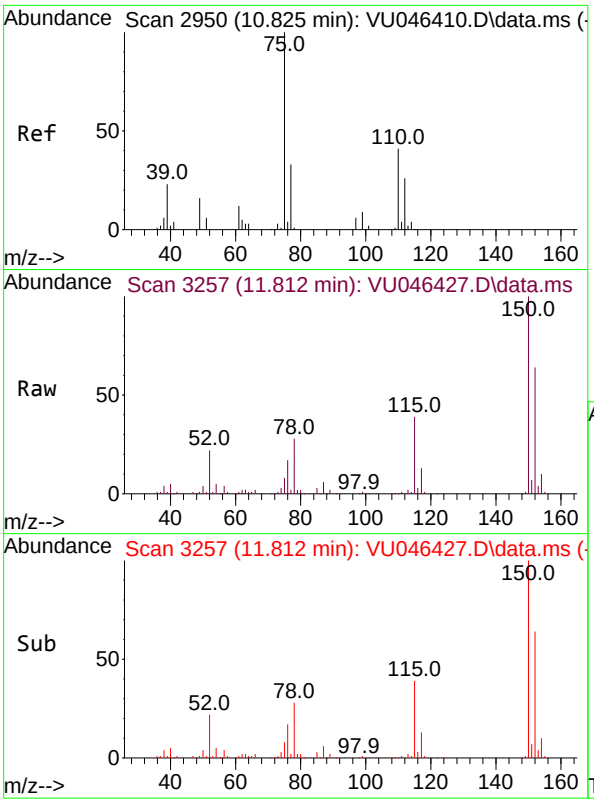


#51
Chlorobenzene
Concen: 1.397 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Tgt Ion:112 Resp: 4377

Ion	Ratio	Lower	Upper
112	100		
114	28.2	22.2	41.2
77	67.6	47.4	71.0





#60
1,2,3-Trichloropropane
Concen: 5.617 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU046427.D
Acq: 16 Dec 2021 17:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8762

Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.4	39.6
110	2.5	32.4	48.6#