Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
Data File : VU050617.D
Acq On : 03 Sep 2022 17:10
Operator : SY/MD
Sample : N4481-04 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBVF4

Quant Time: Sep 05 01:08:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 05 01:05:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	297936	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	289727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114390	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	110248	43.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.520%			
7) Chloroethane-d5	1.906	69	86448	50.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.340%			
11) 1,1-Dichloroethene-d2	2.562	63	156804	34.821	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.640%			
21) 2-Butanone-d5	4.626	46	177983	95.464	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.460%			
24) Chloroform-d	5.063	84	235353	48.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.460%			
26) 1,2-Dichloroethane-d4	5.700	65	147762	50.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.140%			
32) Benzene-d6	5.726	84	476155	49.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.460%			
36) 1,2-Dichloropropane-d6	6.690	67	162761	51.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.560%			
41) Toluene-d8	7.896	98	394161	48.140	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.280%			
43) trans-1,3-Dichloroprop...	8.179	79	53427	41.077	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.160%			
47) 2-Hexanone-d5	8.636	63	72098	91.181	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.180%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	239903	50.431	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.860%			
66) 1,2-Dichlorobenzene-d4	12.192	152	137351	51.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.580%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1400	0.601	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1290	0.570	ug/L #	1
13) Acetone	2.636	43	3455	2.457	ug/L	86
35) Methylcyclohexane	6.690	83	37384	9.571	ug/L #	18
39) cis-1,3-Dichloropropene	7.565	75	3124	0.829	ug/L #	74
48) 2-Hexanone	8.684	43	52078	14.703	ug/L	88
60) 1,2,3-Trichloropropane	11.812	75	13828	4.120	ug/L #	68

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

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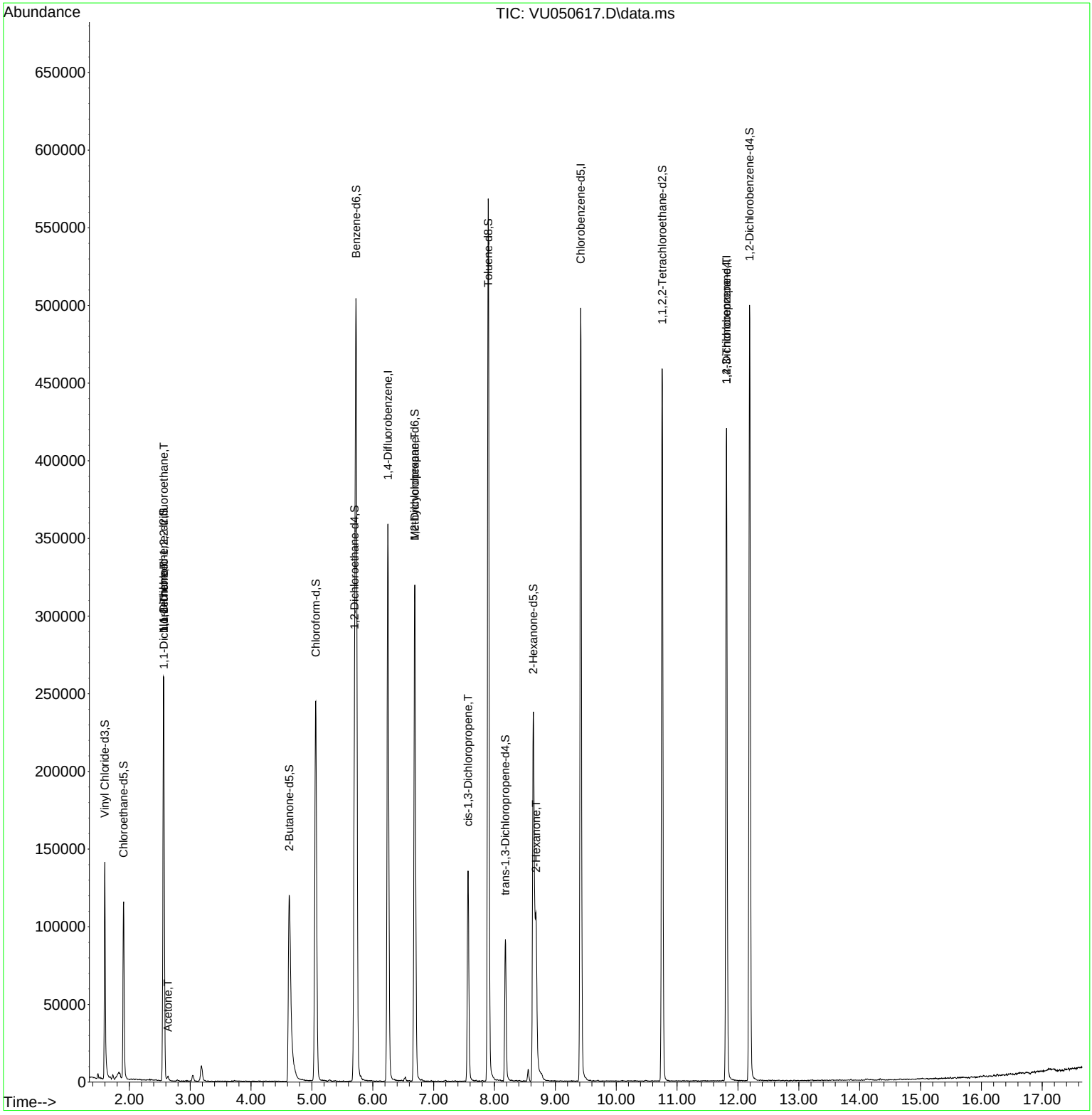
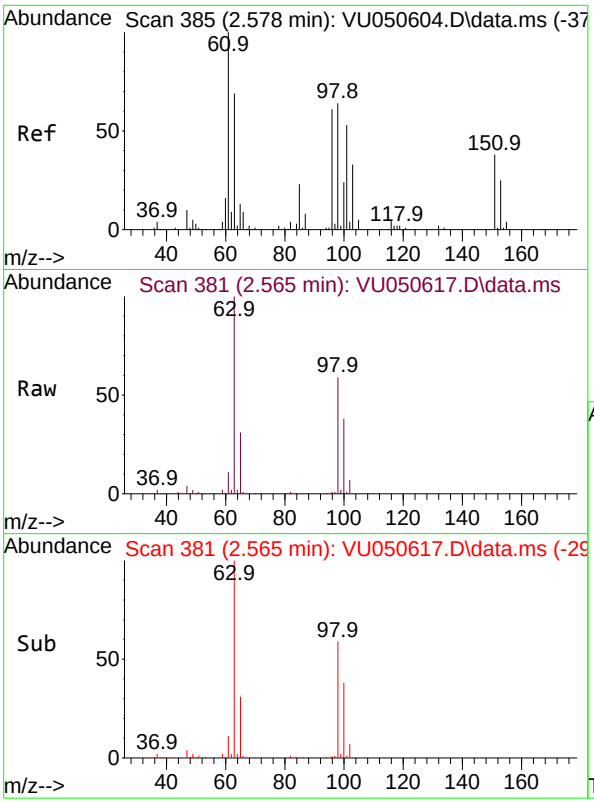
Quant Title : VOC Analysis
QLast Update : Mon Sep 05 01:05:15 2022
Response via : Initial Calibration



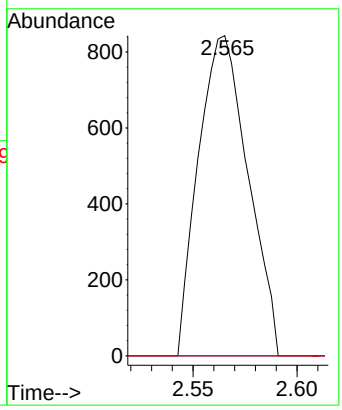


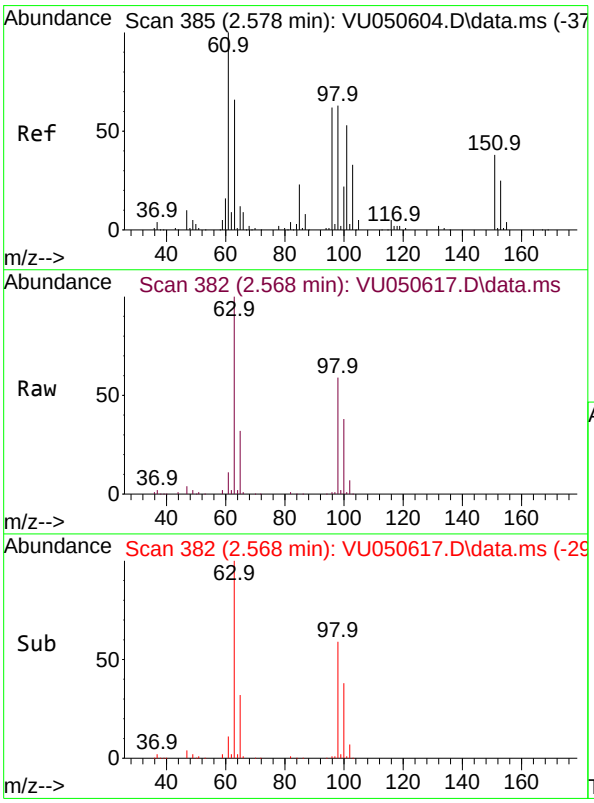
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.601 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU050617.D
Acq: 03 Sep 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
DBVF4

Tgt Ion:101 Resp: 1400

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

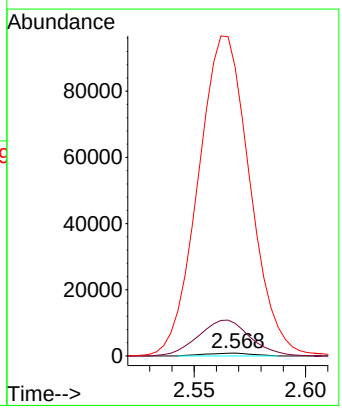


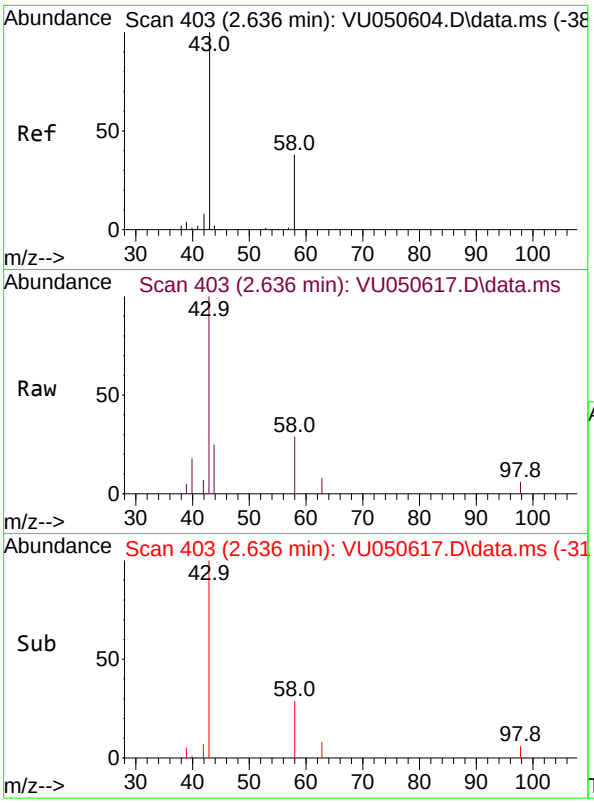


#12
1,1-Dichloroethene
Concen: 0.570 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.009 min
Lab File: VU050617.D
Acq: 03 Sep 2022 17:10

Tgt Ion: 96 Resp: 1290

Ion	Ratio	Lower	Upper
96	100		
61	1127.6	118.0	219.1#
63	9980.8	79.5	147.7#



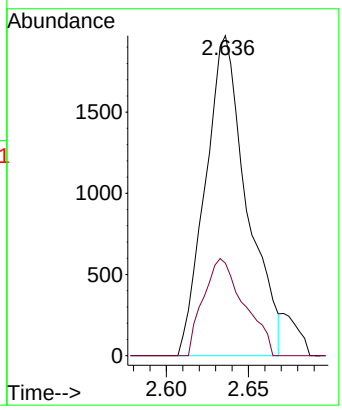


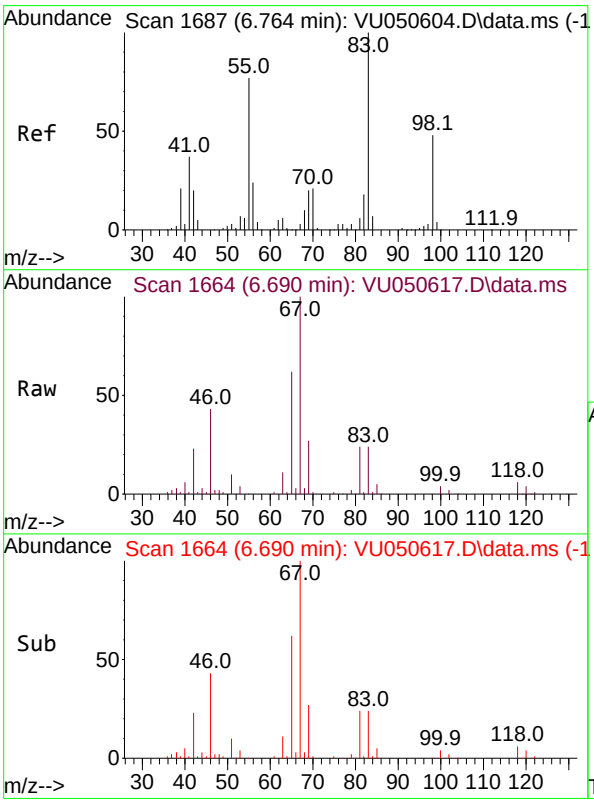
#13
Acetone
Concen: 2.457 ug/L
RT: 2.636 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VU050617.D
Acq: 03 Sep 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
DBVF4

Tgt Ion: 43 Resp: 3455

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	76.2

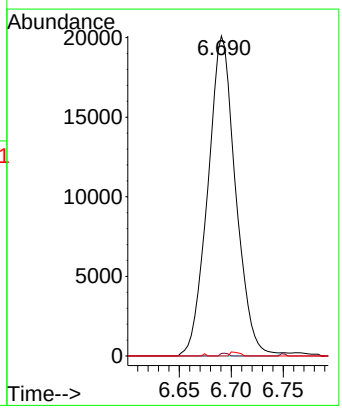


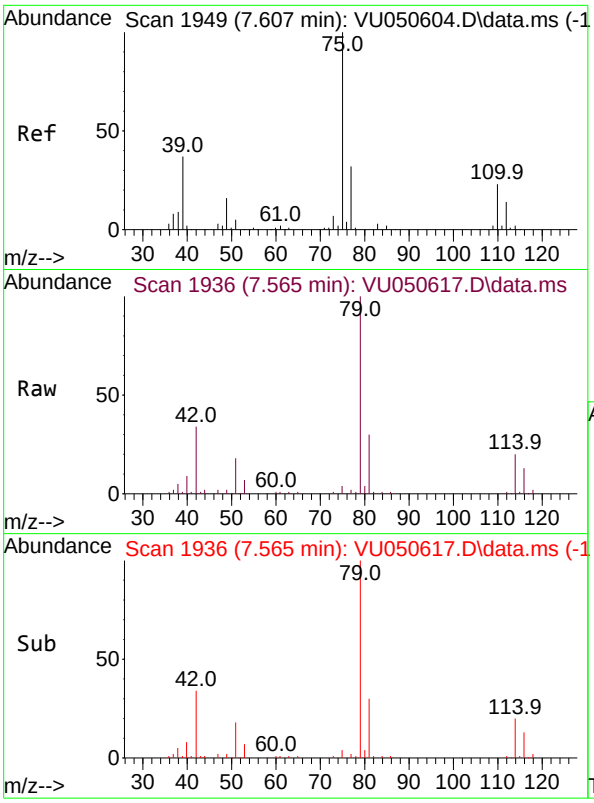


#35
Methylcyclohexane
Concen: 9.571 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050617.D
Acq: 03 Sep 2022 17:10

Tgt Ion: 83 Resp: 37384

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	0.4	35.5	53.3#



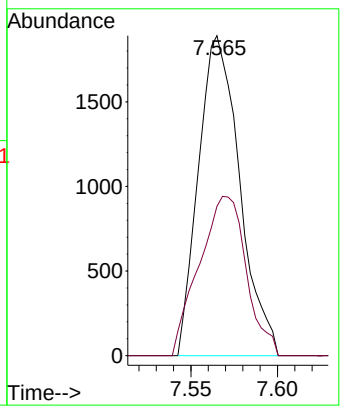


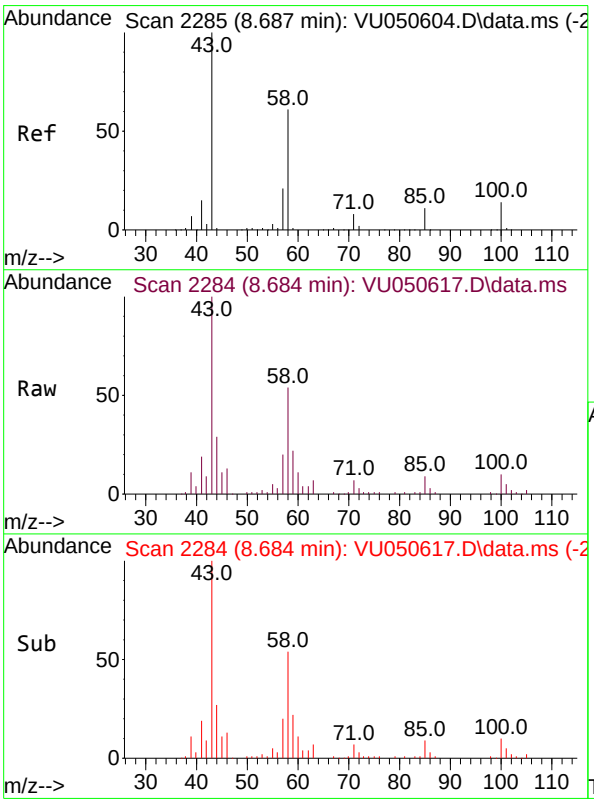
#39
cis-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 7.565 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU050617.D
Acq: 03 Sep 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
DBVF4

Tgt Ion: 75 Resp: 3124

Ion	Ratio	Lower	Upper
75	100		
77	46.6	22.5	41.7#

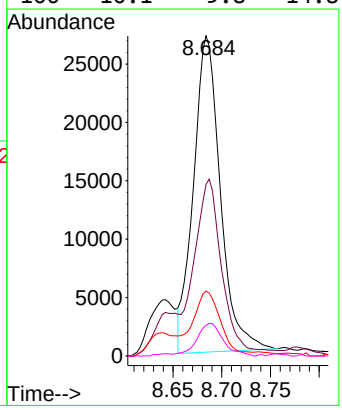


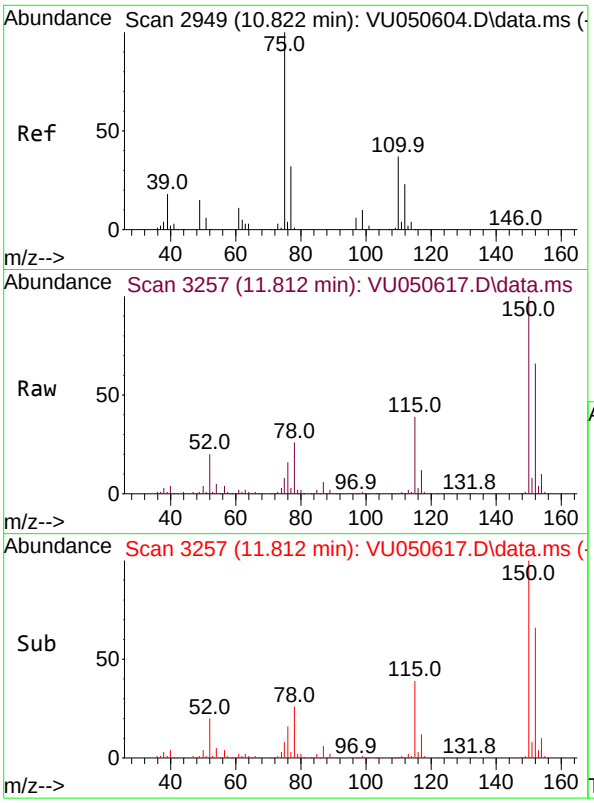


#48
2-Hexanone
Concen: 14.703 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU050617.D
Acq: 03 Sep 2022 17:10

Tgt Ion: 43 Resp: 52078

Ion	Ratio	Lower	Upper
43	100		
58	53.1	51.8	77.6
57	18.1	17.0	25.4
100	10.1	9.8	14.8





#60
1,2,3-Trichloropropane
Concen: 4.120 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.991 min
Lab File: VU050617.D
Acq: 03 Sep 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
DBVF4

Tgt Ion: 75 Resp: 13828

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.8	38.8
110	2.3	29.3	43.9#