Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
Data File : VU050607.D
Acq On : 03 Sep 2022 13:15
Operator : SY/MD
Sample : VU0903WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK181

Quant Time: Sep 05 01:06:35 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	263744	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	256982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89503	39.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.360%			
7) Chloroethane-d5	1.903	69	67017	43.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.860%			
11) 1,1-Dichloroethene-d2	2.562	63	126189	31.655	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.320%			
21) 2-Butanone-d5	4.629	46	179642	108.845	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.850%			
24) Chloroform-d	5.064	84	218934	51.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.420%			
26) 1,2-Dichloroethane-d4	5.703	65	143877	55.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.140%			
32) Benzene-d6	5.726	84	438724	51.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.320%			
36) 1,2-Dichloropropane-d6	6.690	67	152776	54.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.580%			
41) Toluene-d8	7.896	98	351599	48.414	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.820%			
43) trans-1,3-Dichloroprop...	8.179	79	53963	46.776	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.560%			
47) 2-Hexanone-d5	8.636	63	72174	102.908	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.910%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	228374	54.125	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.260%			
66) 1,2-Dichlorobenzene-d4	12.192	152	121929	53.719	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.440%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1160	0.563	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1090	0.544	ug/L #	1
22) 2-Butanone	4.716	43	5245	2.694	ug/L	89
35) Methylcyclohexane	6.687	83	34152	9.858	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	15127	6.123	ug/L #	89
44) trans-1,3-Dichloropropene	8.182	75	2426	0.773	ug/L	93
48) 2-Hexanone	8.687	43	54150	17.236	ug/L	90

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

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VBLK181

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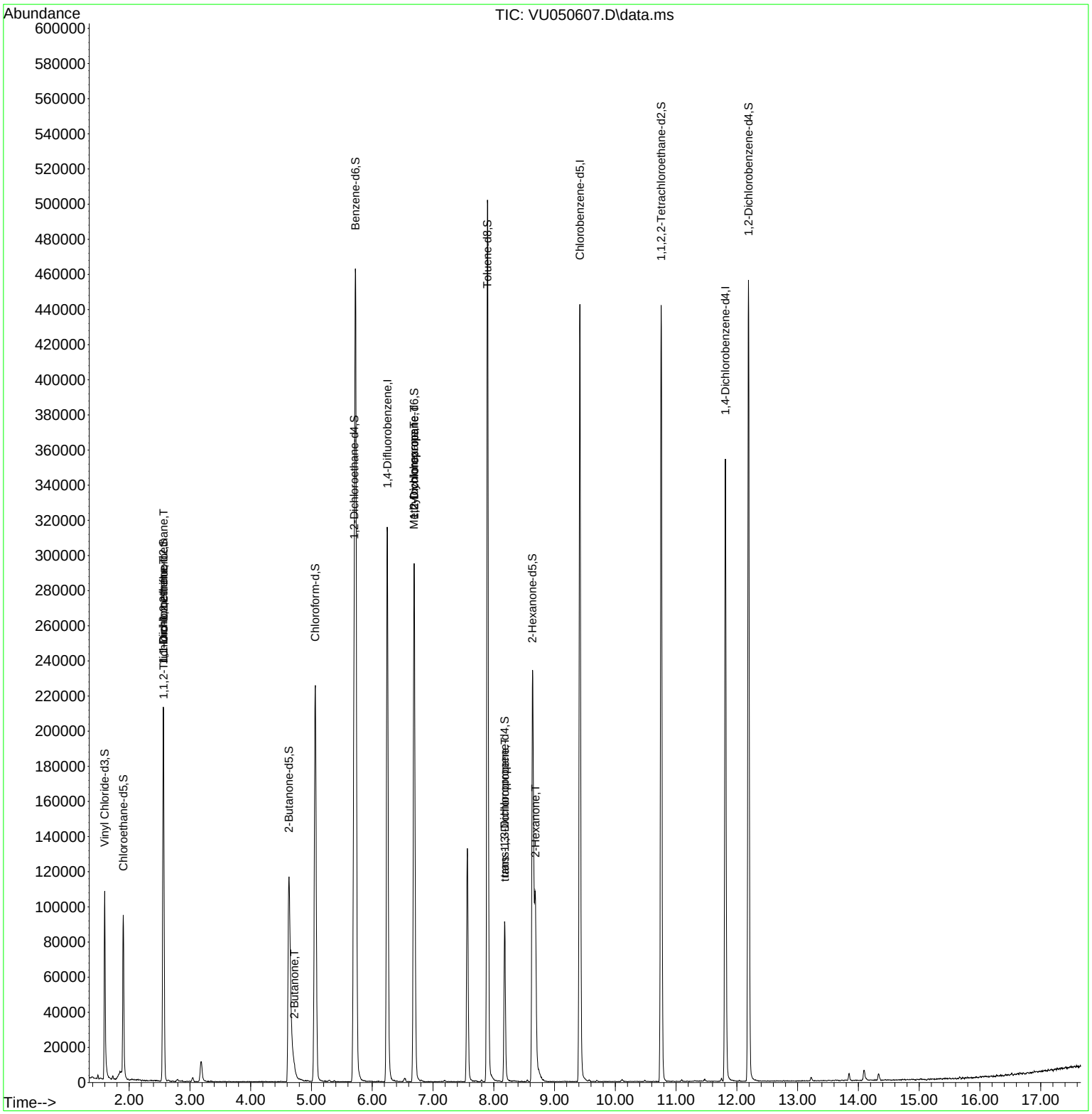
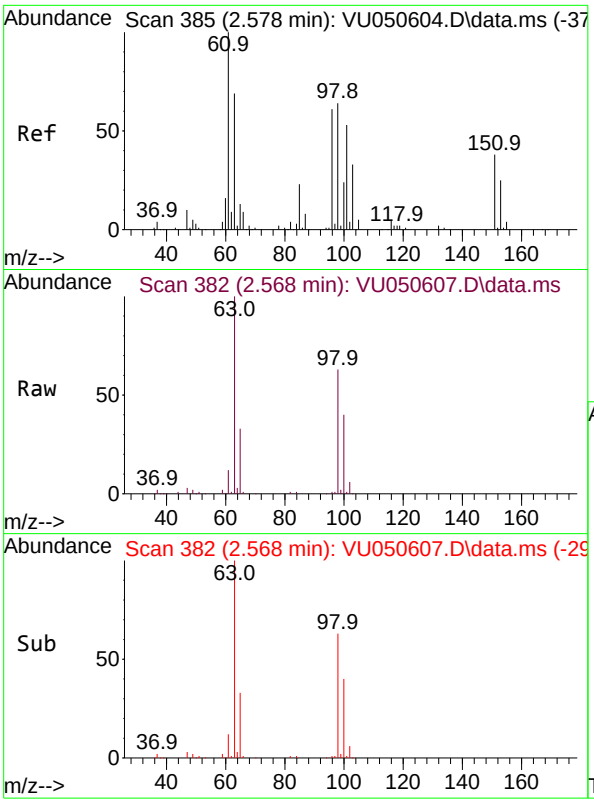
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 05 01:05:15 2022
Response via : Initial Calibration



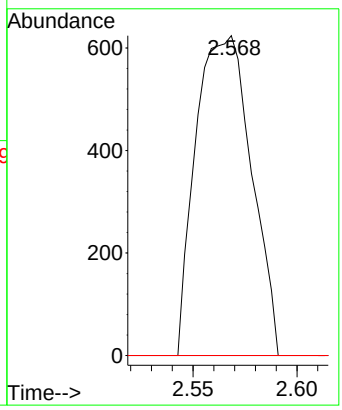


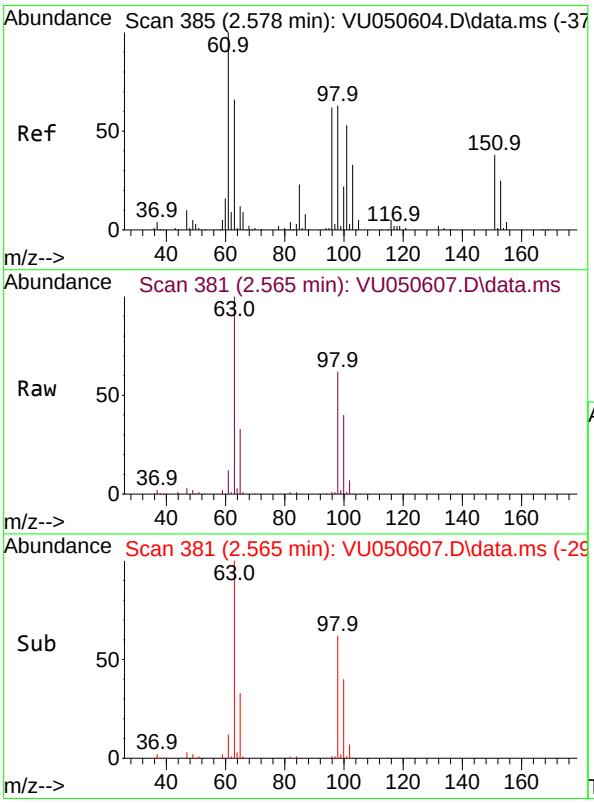
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.563 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.009 min
Lab File: VU050607.D
Acq: 03 Sep 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
VBLK181

Tgt Ion:101 Resp: 1160

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

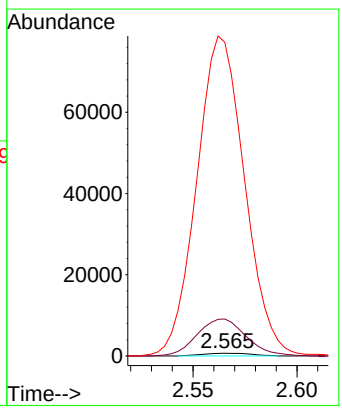


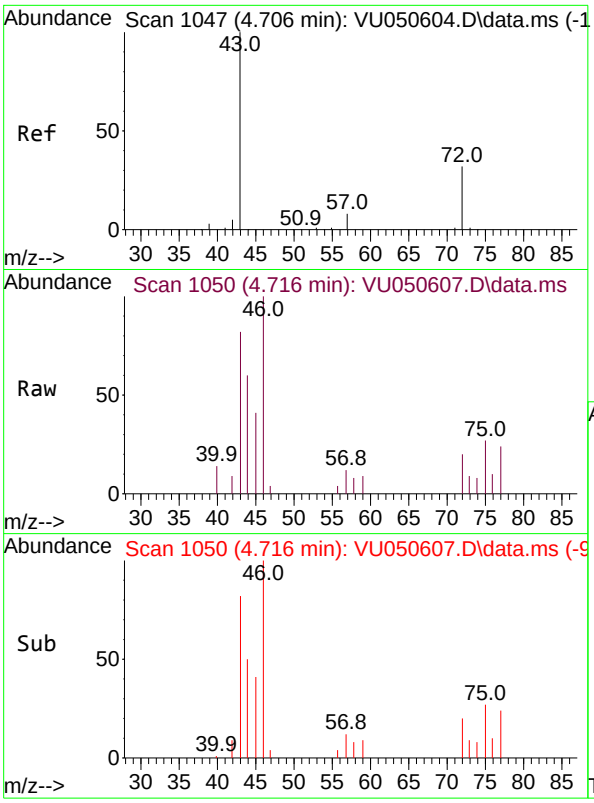


#12
1,1-Dichloroethene
Concen: 0.544 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050607.D
Acq: 03 Sep 2022 13:15

Tgt Ion: 96 Resp: 1090

Ion	Ratio	Lower	Upper
96	100		
61	1393.7	118.0	219.1#
63	11829.7	79.5	147.7#



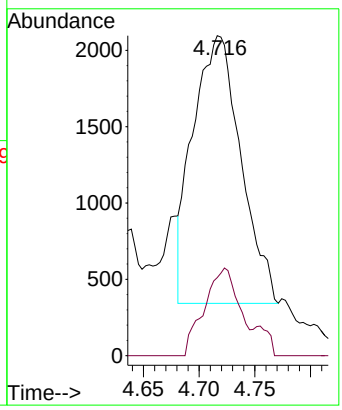


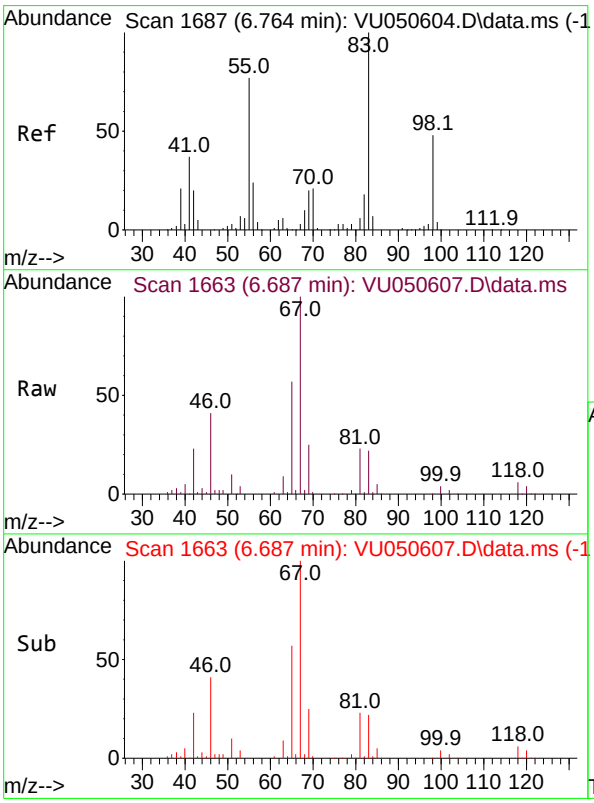
#22
2-Butanone
Concen: 2.694 ug/L
RT: 4.716 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU050607.D
Acq: 03 Sep 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
VBLK181

Tgt Ion: 43 Resp: 5245

Ion	Ratio	Lower	Upper
43	100		
72	23.4	14.6	44.0

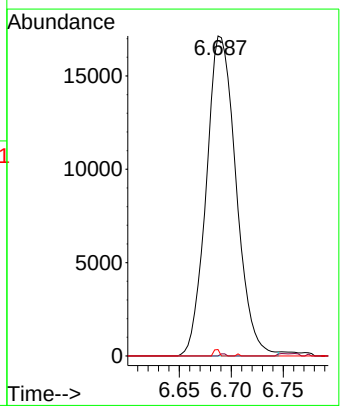


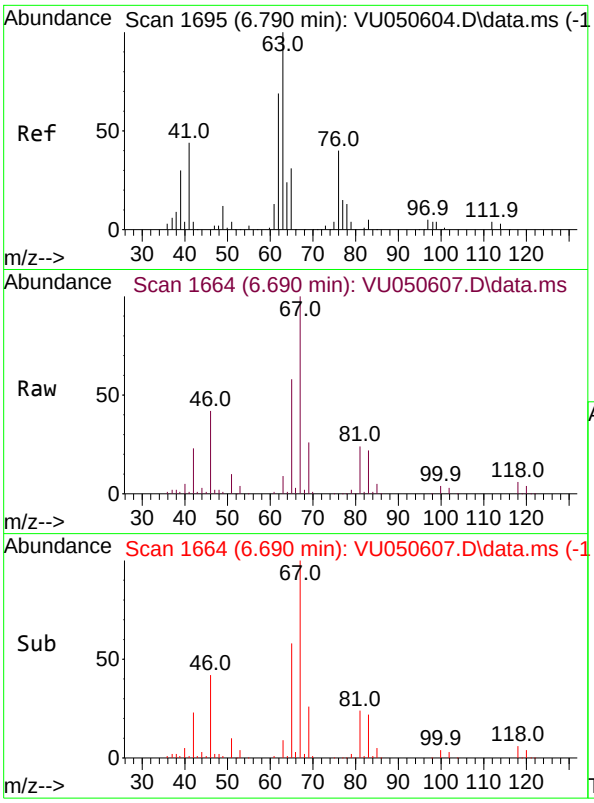


#35
Methylcyclohexane
Concen: 9.858 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU050607.D
Acq: 03 Sep 2022 13:15

Tgt Ion: 83 Resp: 34152

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.6	93.8#
98	0.4	35.5	53.3#



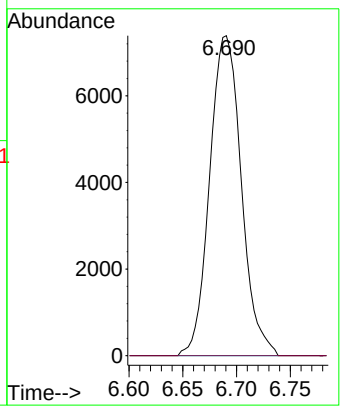


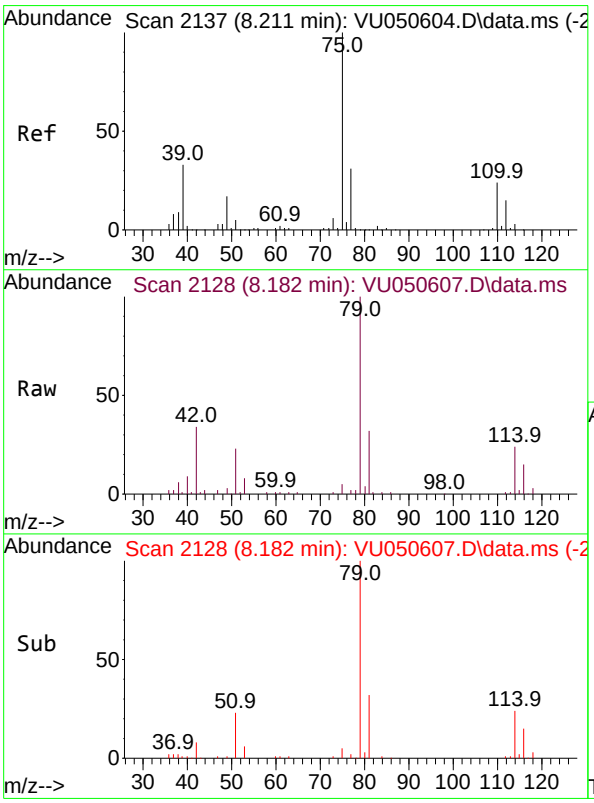
#37
1,2-Dichloropropane
Concen: 6.123 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU050607.D
Acq: 03 Sep 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
VBLK181

Tgt Ion: 63 Resp: 15127

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

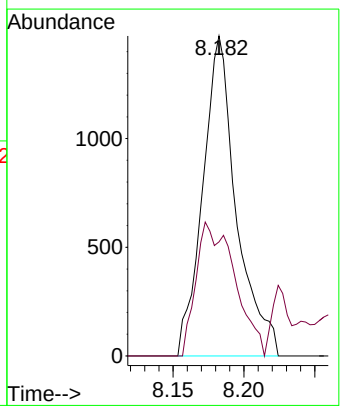


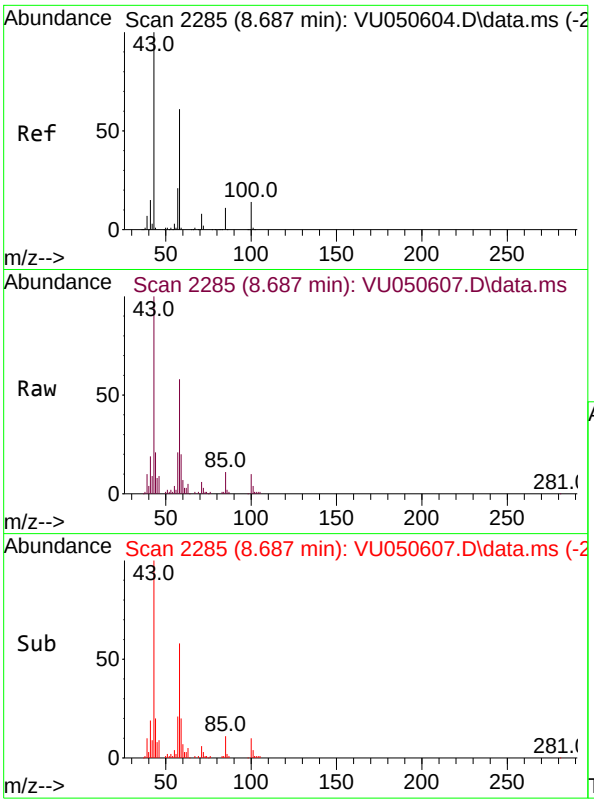


#44
trans-1,3-Dichloropropene
Concen: 0.773 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU050607.D
Acq: 03 Sep 2022 13:15

Tgt Ion: 75 Resp: 2426

Ion	Ratio	Lower	Upper
75	100		
77	35.7	22.1	41.1





#48
2-Hexanone
Concen: 17.236 ug/L
RT: 8.687 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU050607.D
Acq: 03 Sep 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
VBLK181

Tgt Ion: 43 Resp: 54150

Ion	Ratio	Lower	Upper
43	100		
58	54.3	51.8	77.6
57	22.7	17.0	25.4
100	10.4	9.8	14.8