Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011121\
Data File : VU041941.D
Acq On : 11 Jan 2021 23:48
Operator : SY/MD
Sample : M1027-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXQ6

Quant Time: Jan 12 05:51:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 05:50:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113080	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44481	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	46012	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.92	69	45403	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%			
11) 1,1-Dichloroethene-d2	2.58	63	69170	3.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.60%			
20) 2-Butanone-d5	4.65	46	168081	63.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.92%			
24) Chloroform-d	5.08	84	88456	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	5.72	65	54340	5.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.60%			
32) Benzene-d6	5.74	84	178949	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.20%			
36) 1,2-Dichloropropane-d6	6.70	67	56960	5.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.80%			
41) Toluene-d8	7.90	98	135867	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	8.18	79	20973	5.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.00%			
46) 2-Hexanone-d5	8.64	63	128328	62.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.74%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48041	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46790	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	734	0.062	ug/L	90
8) Chloroethane	1.94	64	482	0.061	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	505	0.056	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	483	0.055	ug/L #	1
13) Acetone	2.66	43	16188	9.411	ug/L #	44
27) 1,2-Dichloroethane	5.74	62	1019	0.095	ug/L #	73
35) Methylcyclohexane	6.70	83	12448	0.961	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5971	0.713	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1142	0.092	ug/L #	9
44) trans-1,3-Dichloropropene	8.19	75	799	0.073	ug/L #	75
48) 2-Hexanone	8.64	43	16504	4.213	ug/L #	72
59) 1,2,3-Trichloropropane	11.80	75	5520	0.903	ug/L	98

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

Quantitation Report (Not Reviewed)

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Operator : SY/MD
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ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
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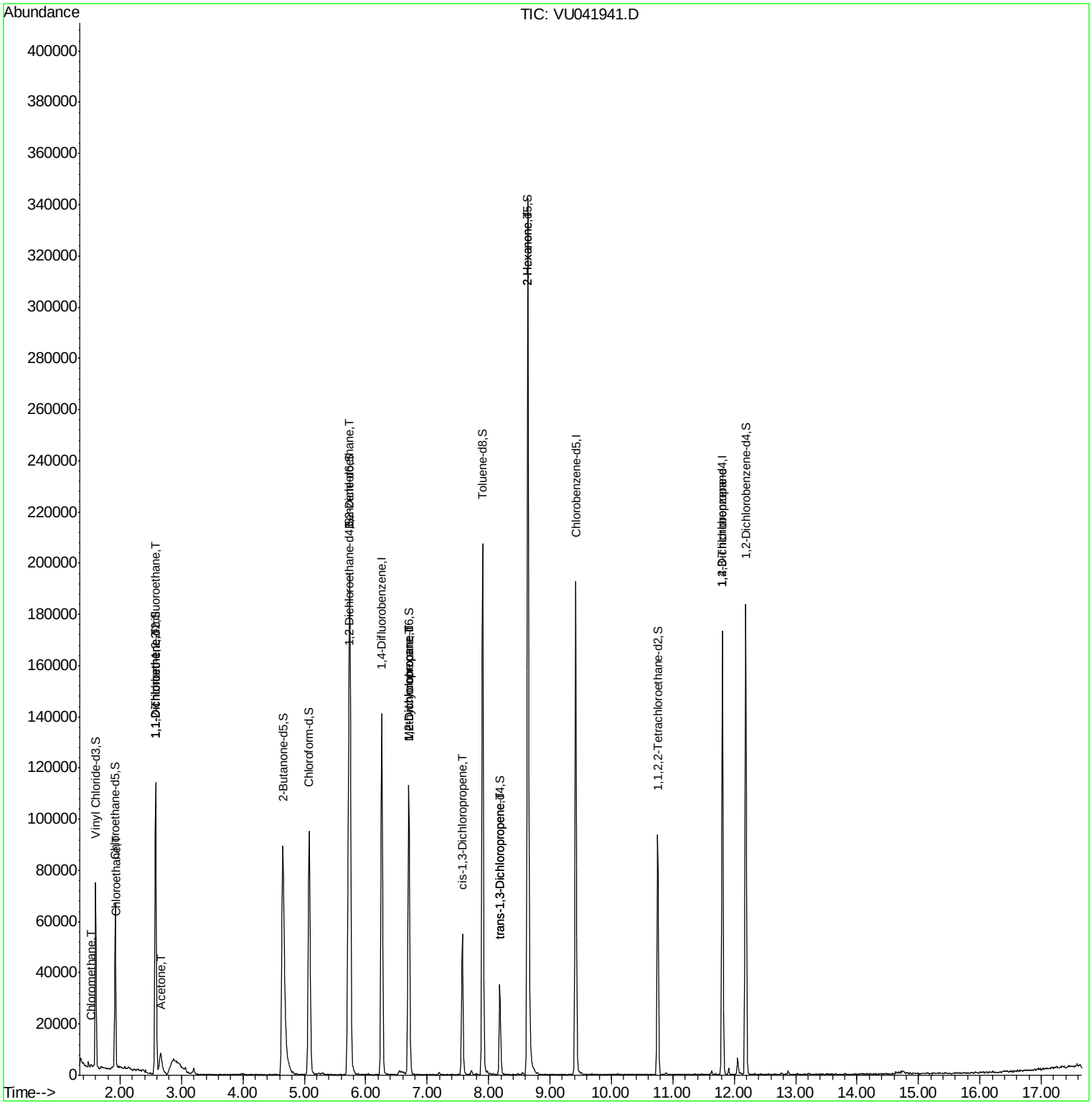
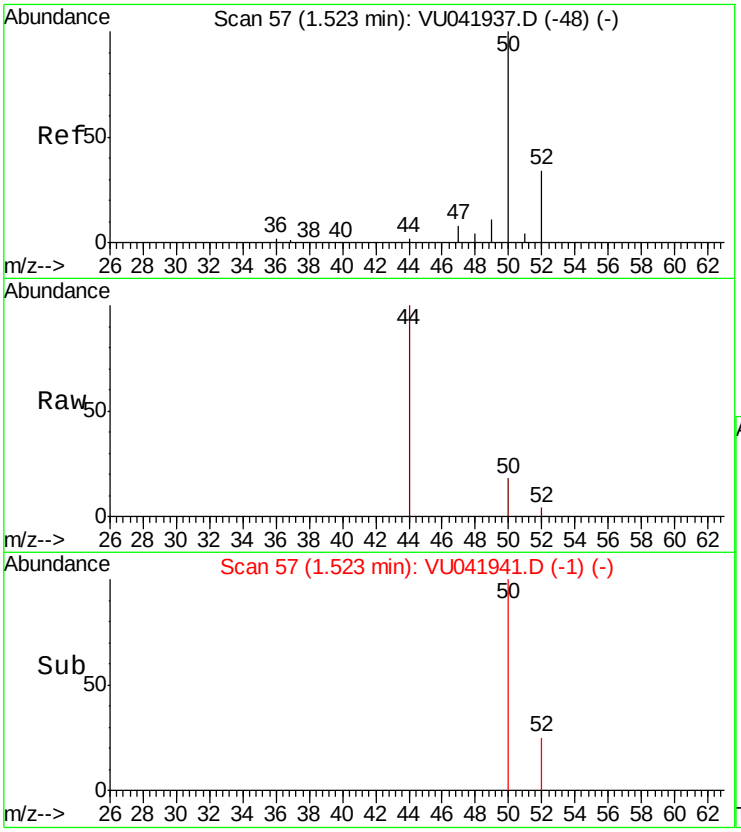
Quant Time: Jan 12 05:51:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 05:50:11 2021
Response via : Initial Calibration



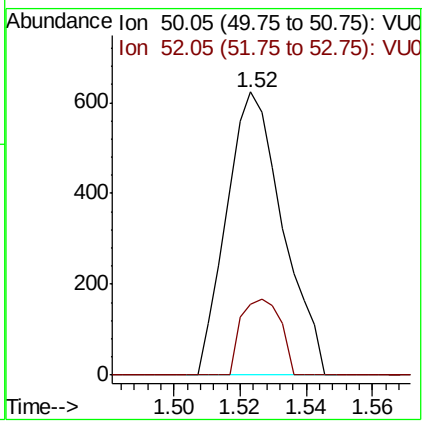


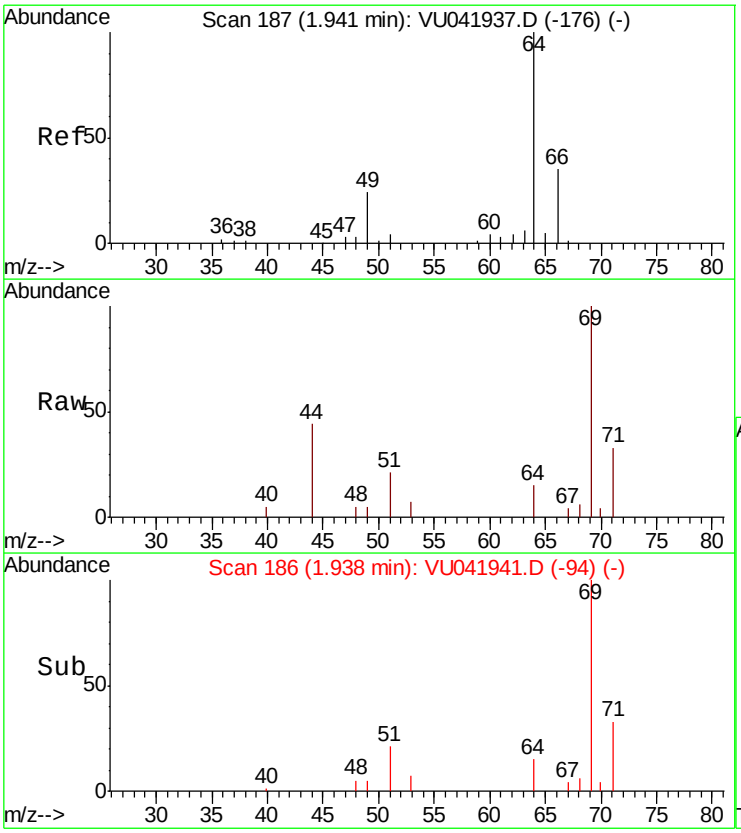
#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Instrument :
MSVOA_U
ClientSampleId :
BFXQ6

Tgt Ion: 50 Resp: 734

Ion	Ratio	Lower	Upper
50	100		
52	25.0	21.4	39.8

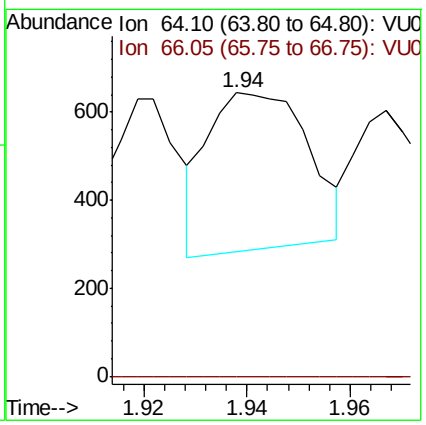


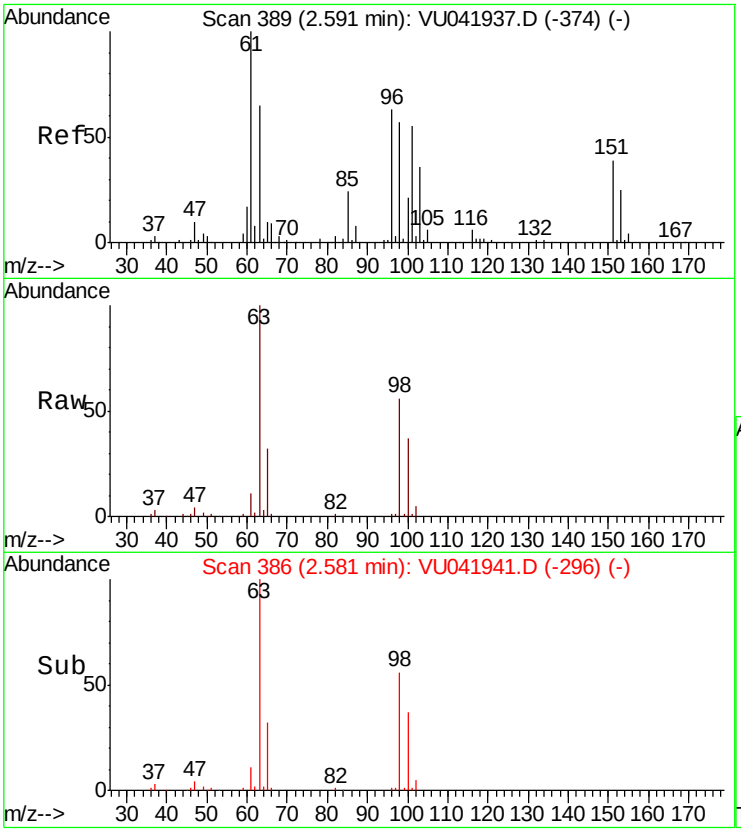


#8
Chloroethane
Concen: 0.061 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Tgt Ion: 64 Resp: 482

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.1	41.1#



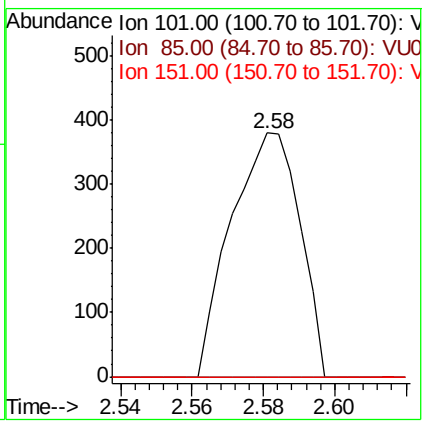


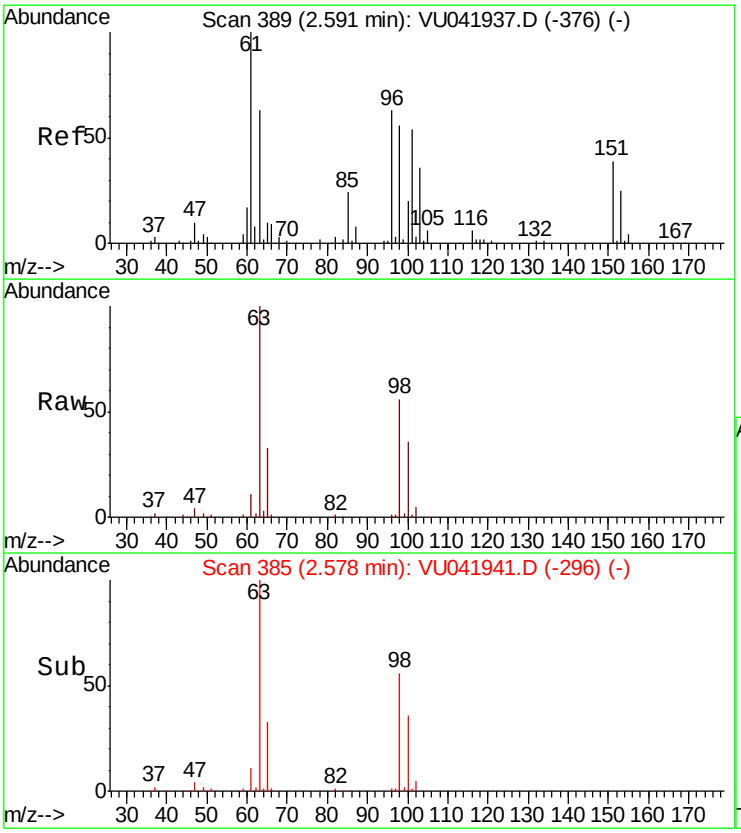
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Instrument : MSVOA_U
ClientSampleId : BFXQ6

Tgt Ion:101 Resp: 505

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	58.2	87.2#

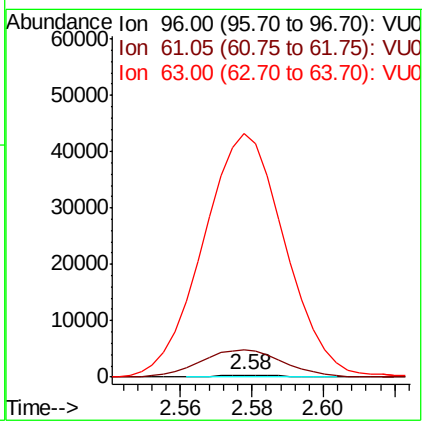


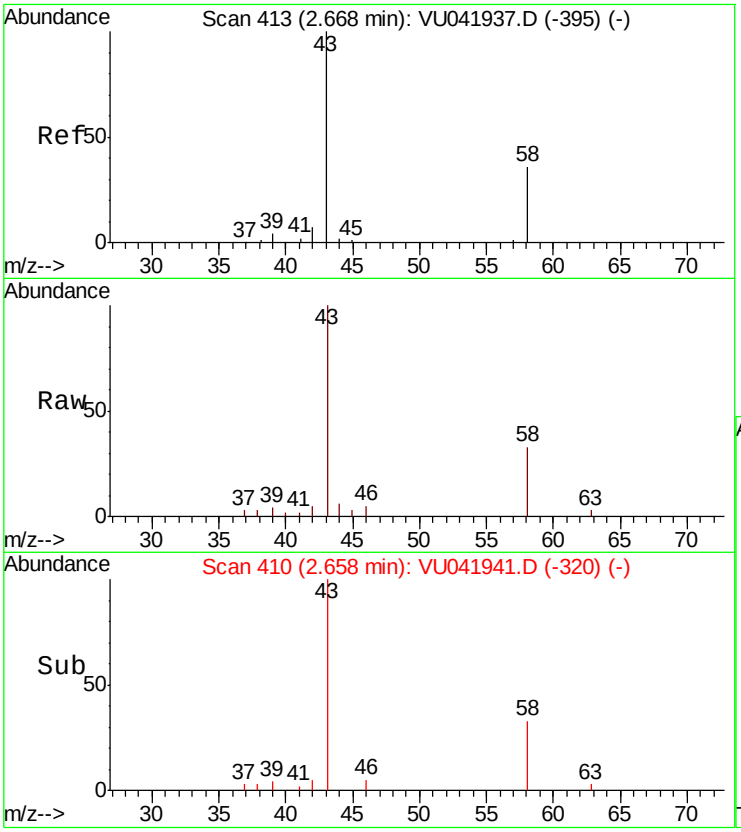


#12
1,1-Dichloroethene
Concen: 0.055 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Tgt Ion: 96 Resp: 483

Ion	Ratio	Lower	Upper
96	100		
61	1275.2	123.5	229.4#
63	11520.0	93.5	173.7#



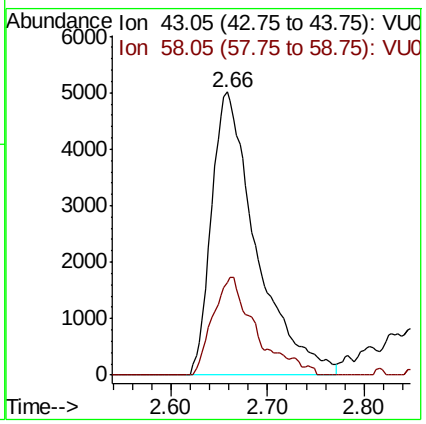


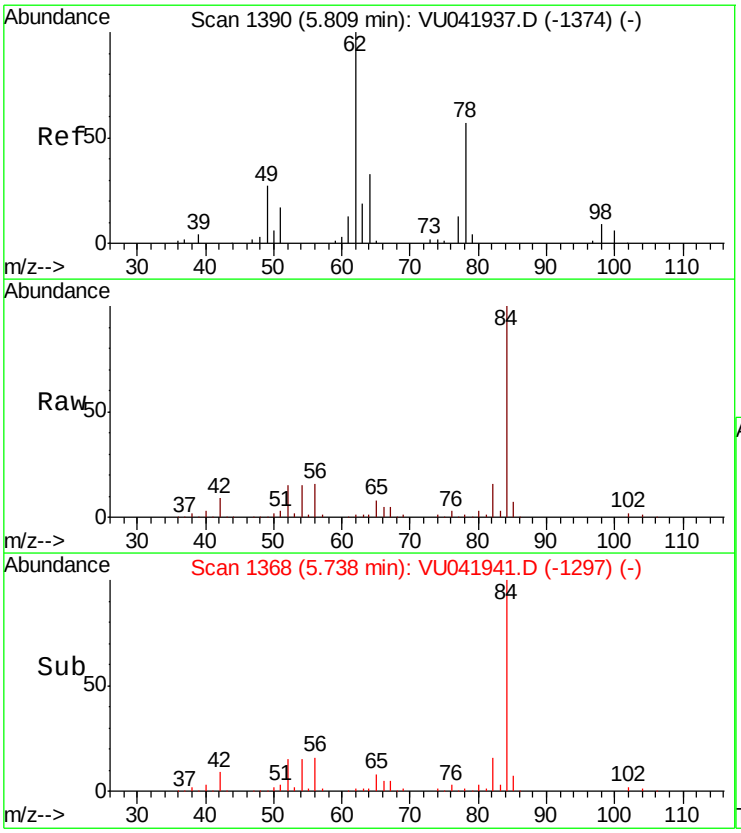
#13
Acetone
Concen: 9.411 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Instrument : MSVOA_U
ClientSampleId : BFXQ6

Tgt Ion: 43 Resp: 16188

Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	23.6#

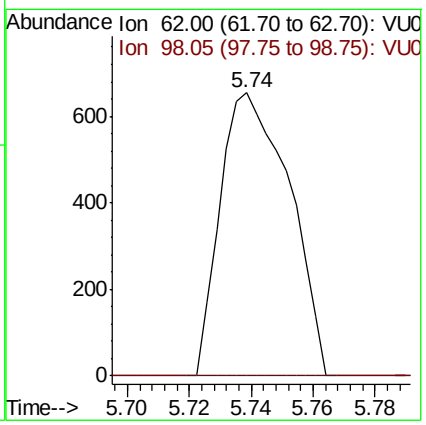


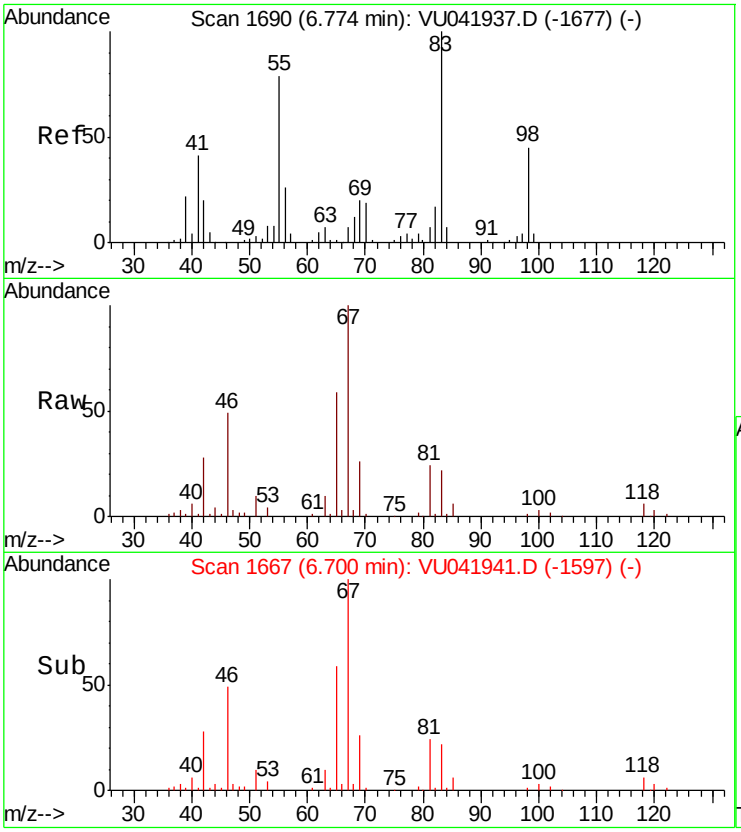


#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Tgt Ion: 62 Resp: 1019

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#



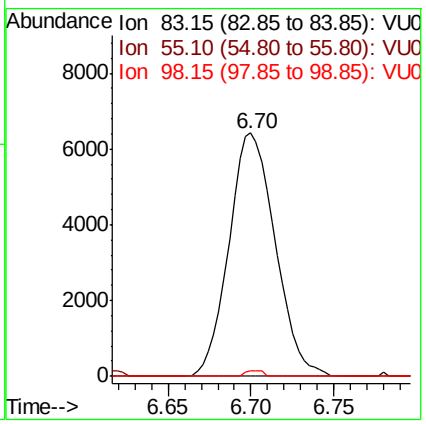


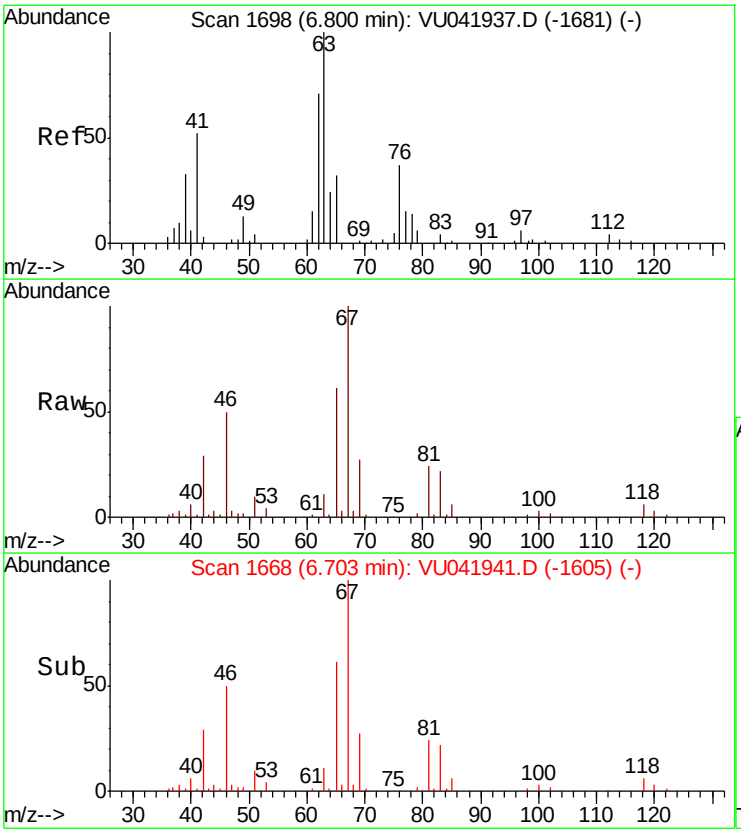
#35
Methylcyclohexane
Concen: 0.961 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Instrument : MSVOA_U
ClientSampleId : BFXQ6

Tgt Ion: 83 Resp: 12448

Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.3	96.5#
98	0.9	36.6	54.8#

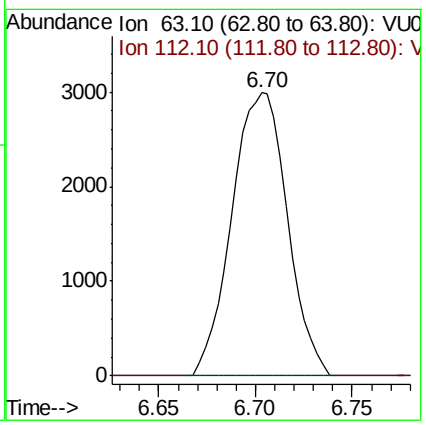


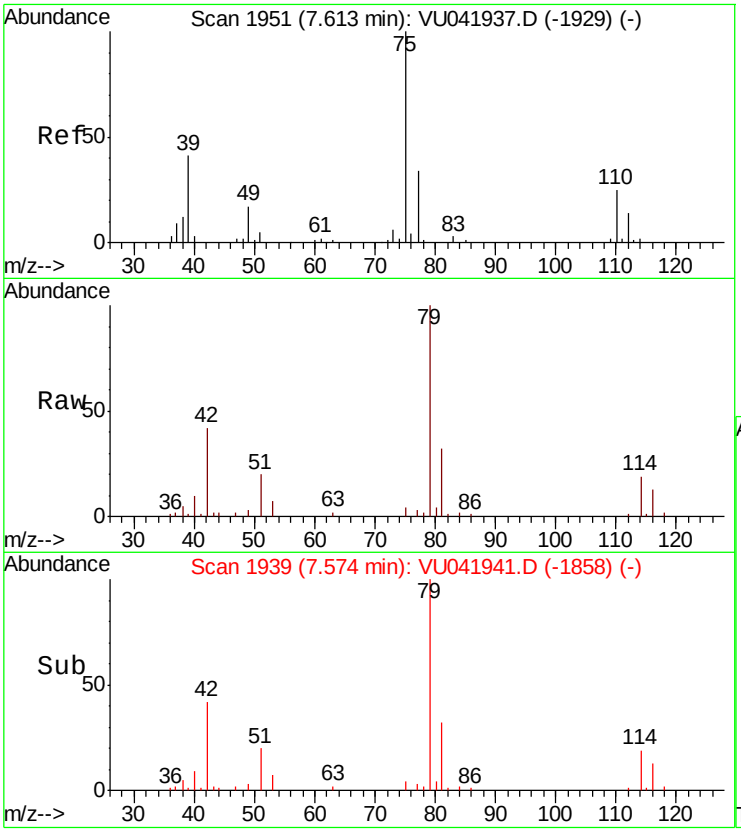


#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Tgt Ion: 63 Resp: 5971

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



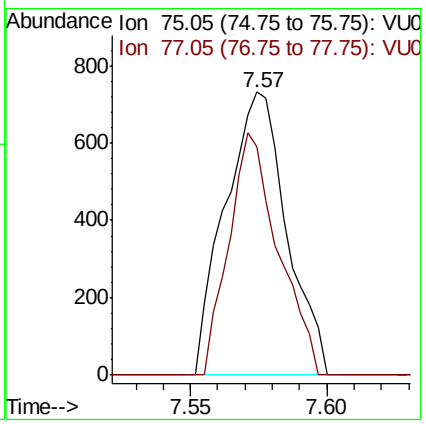


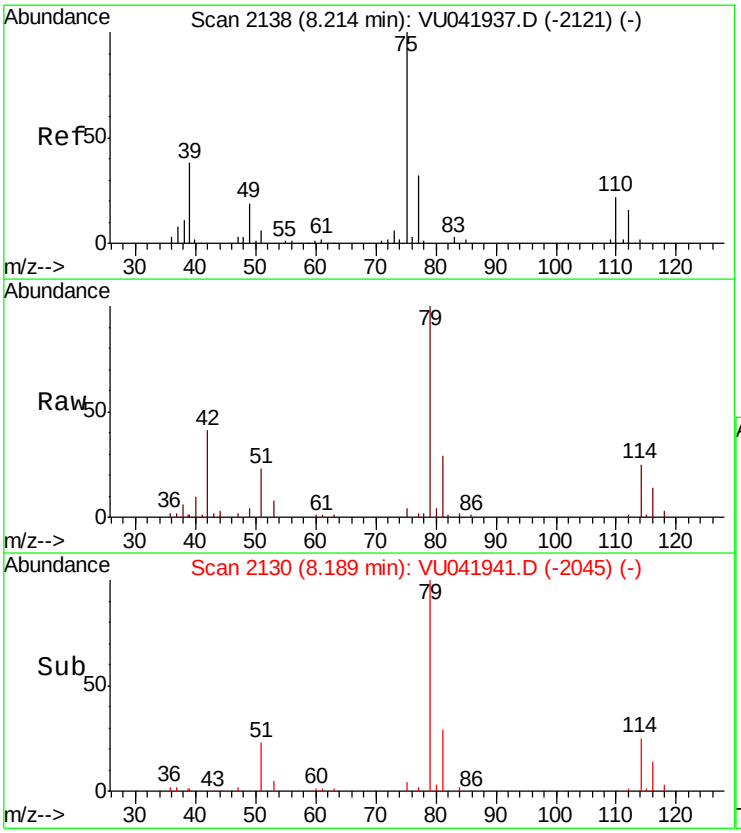
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Instrument :
MSVOA_U
ClientSampleId :
BFXQ6

Tgt Ion: 75 Resp: 1142

Ion	Ratio	Lower	Upper
75	100		
77	80.7	21.5	39.9#

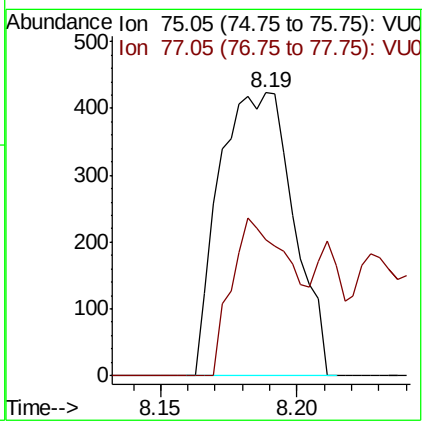


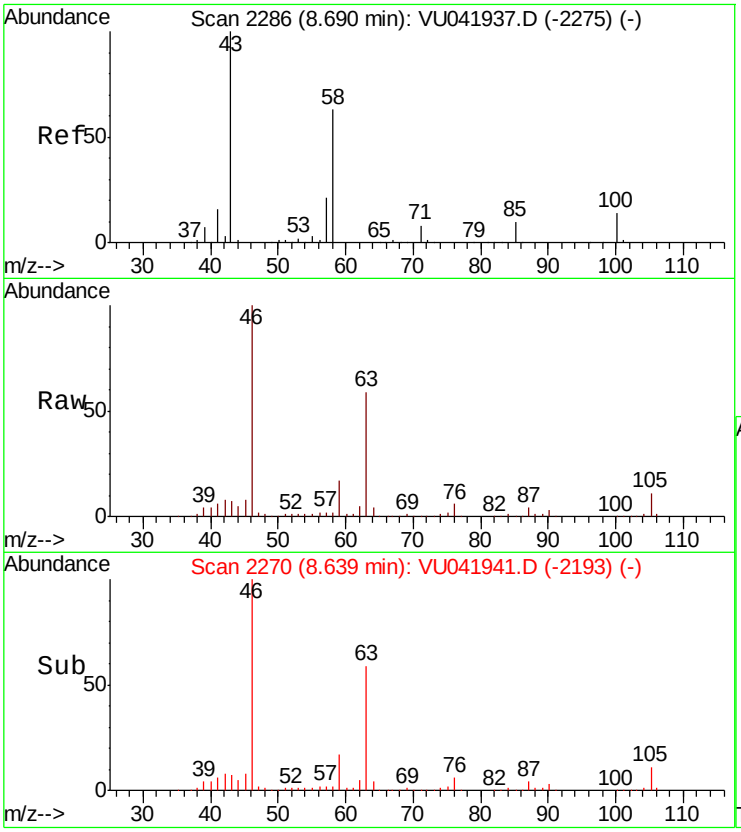


#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Tgt Ion: 75 Resp: 799

Ion	Ratio	Lower	Upper
75	100		
77	48.2	23.7	44.1#



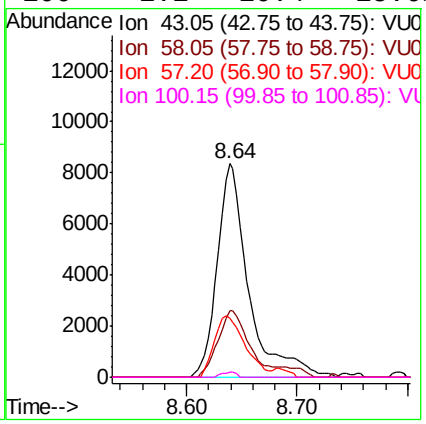


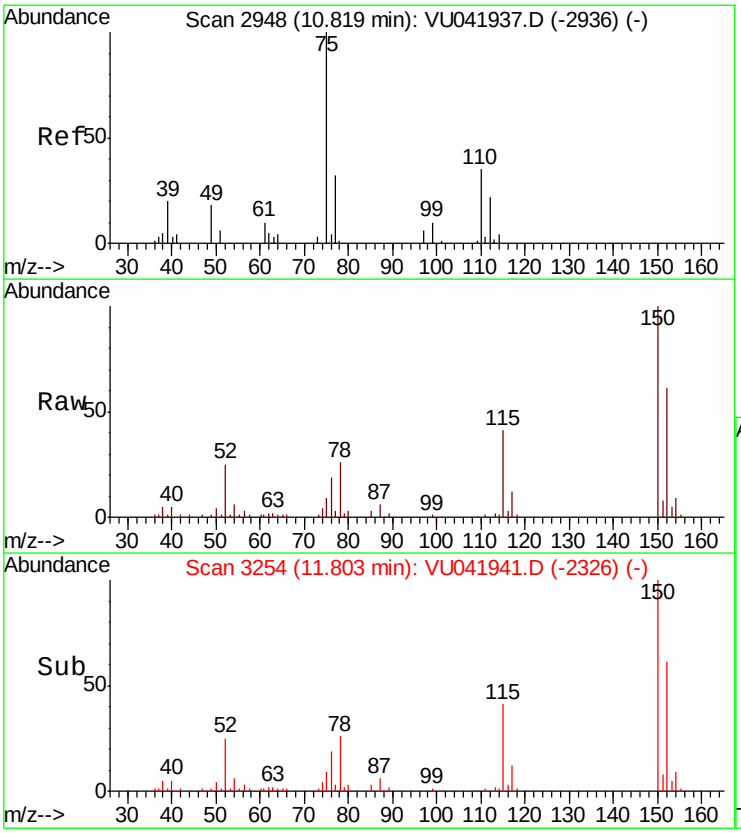
#48
2-Hexanone
Concen: 4.213 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Instrument : MSVOA_U
ClientSampleId : BFXQ6

Tgt Ion: 43 Resp: 16504

Ion	Ratio	Lower	Upper
43	100		
58	34.8	47.6	71.4#
57	28.0	17.1	25.7#
100	1.1	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.903 ug/L
RT: 11.80 min Scan# 3254
Delta R.T. 0.98 min
Lab File: VU041941.D
Acq: 11 Jan 2021 23:48

Tgt Ion: 75 Resp: 5520

Ion	Ratio	Lower	Upper
75	100		
77	34.7	27.0	40.4