Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041349.D
Acq On : 19 Nov 2020 17:37
Operator : SY/MD
Sample : L4790-09DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4424DL

Quant Time: Nov 20 05:59:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24048	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	14900	3.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.00%			
7) Chloroethane-d5	1.92	69	14957	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.58	63	25165	2.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.60%#			
20) 2-Butanone-d5	4.66	46	88808	49.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.34%			
24) Chloroform-d	5.08	84	43458	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.72	65	27445	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.74	84	67450	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.60%			
36) 1,2-Dichloropropane-d6	6.70	67	25381	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.91	98	50328	3.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.80%#			
43) trans-1,3-Dichloropropene-	8.19	79	9463	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.64	63	58143	43.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.76%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24716	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	22542	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	305	0.058	ug/L #	43
5) Vinyl chloride	1.61	62	7694	1.488	ug/L	94
8) Chloroethane	1.97	64	248	0.072	ug/L #	43
12) 1,1-Dichloroethene	2.58	96	249	0.064	ug/L #	1
16) Methylene chloride	3.06	84	1480	0.304	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	2314	0.218	ug/L #	87
18) trans-1,2-Dichloroethene	3.37	96	8988	2.381	ug/L	93
19) 1,1-Dichloroethane	3.89	63	588	0.070	ug/L #	51
22) cis-1,2-Dichloroethene	4.69	96	44410	10.415	ug/L	96
27) 1,2-Dichloroethane	5.74	62	401	0.061	ug/L #	74
35) Methylcyclohexane	6.70	83	5908	0.979	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2958	0.602	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	593	0.087	ug/L #	72
44) trans-1,3-Dichloropropene	8.18	75	382	0.059	ug/L #	74
48) 2-Hexanone	8.64	43	9558	3.149	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	3193	0.824	ug/L	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041349.D
Acq On : 19 Nov 2020 17:37
Operator : SY/MD
Sample : L4790-09DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4424DL

Quant Time: Nov 20 05:59:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041349.D
Acq On : 19 Nov 2020 17:37
Operator : SY/MD
Sample : L4790-09DL 10X
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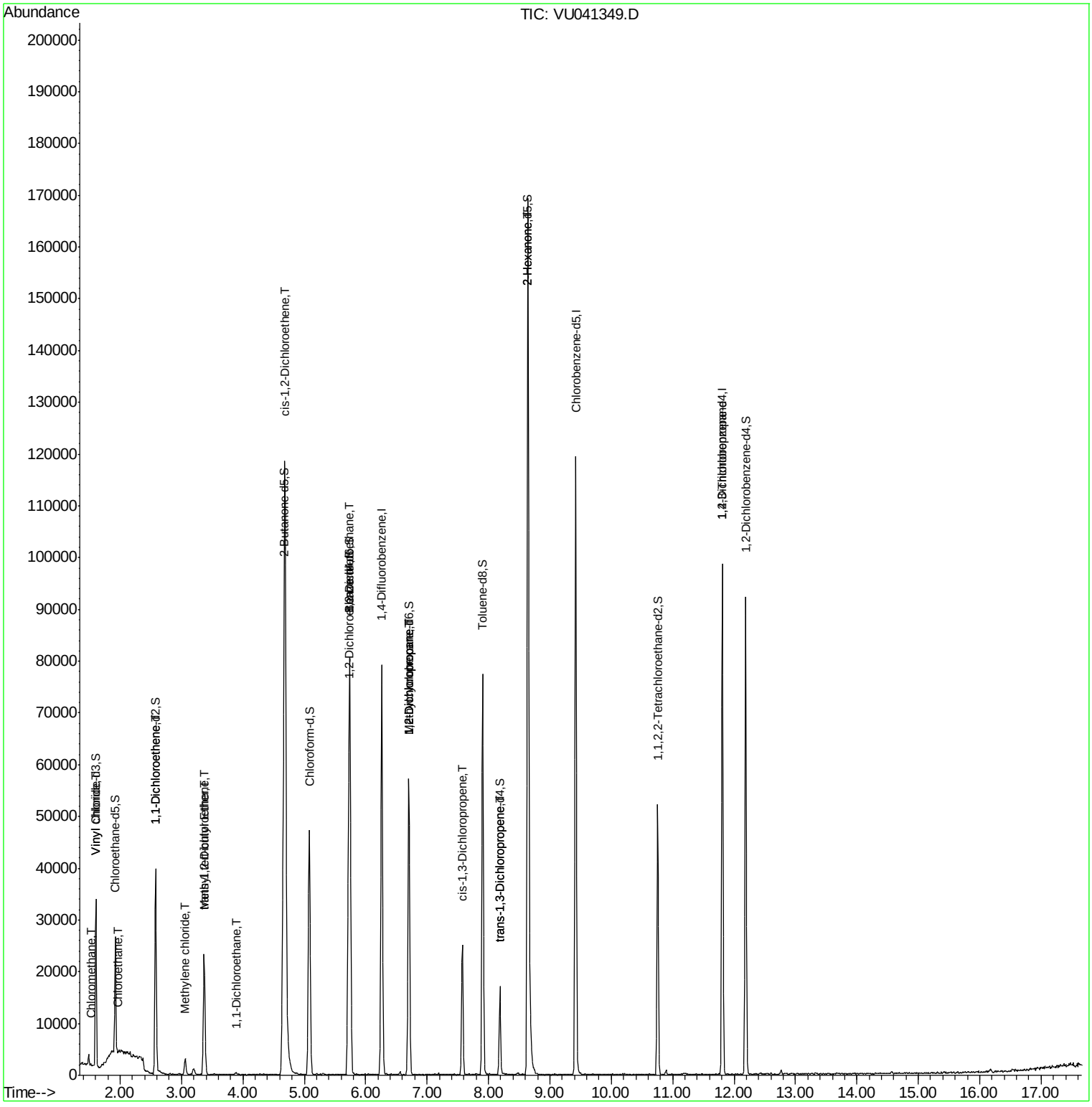
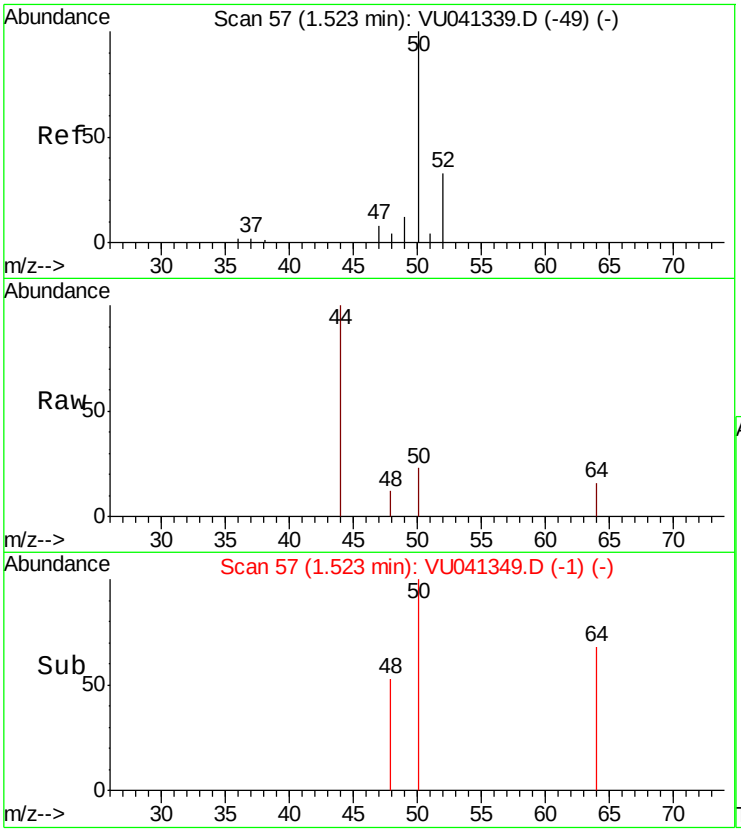
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration



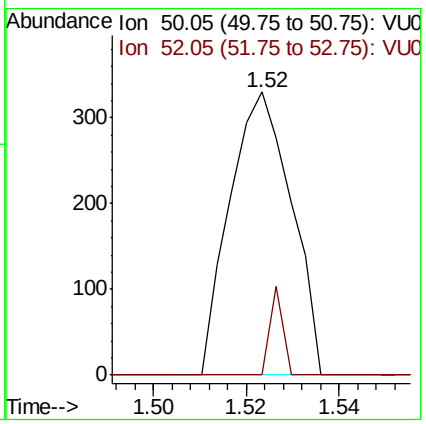


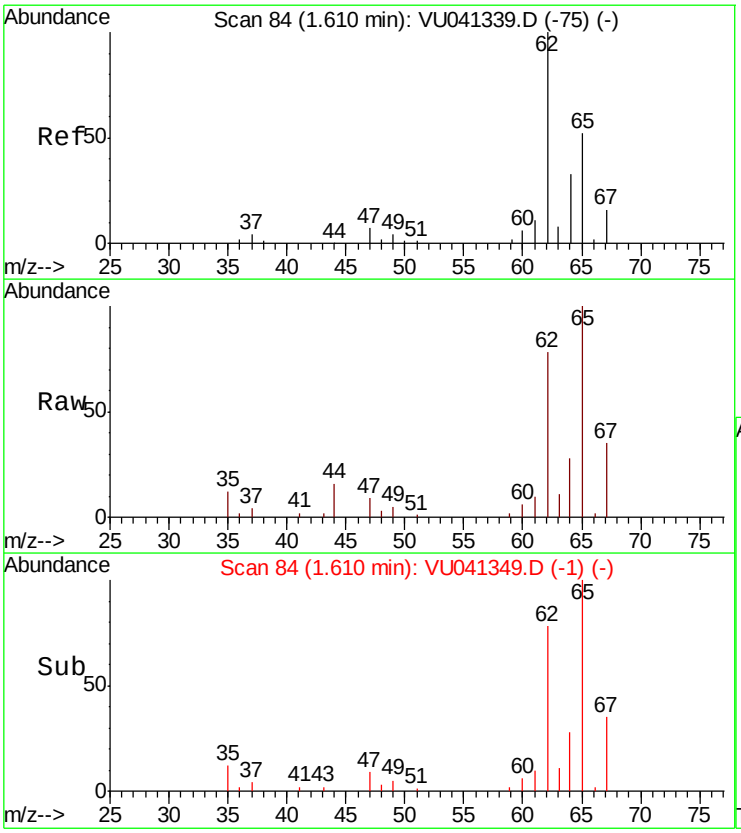
#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_U
ClientSampleId :
H4424DL

Tgt Ion: 50 Resp: 305

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.4	41.6#

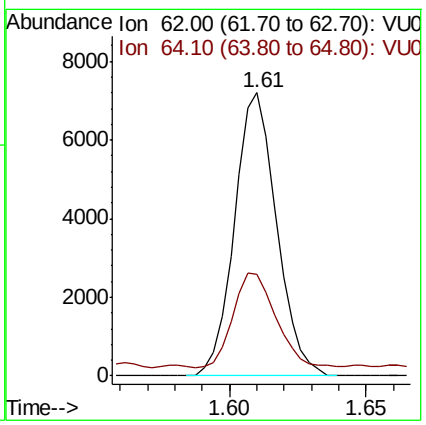


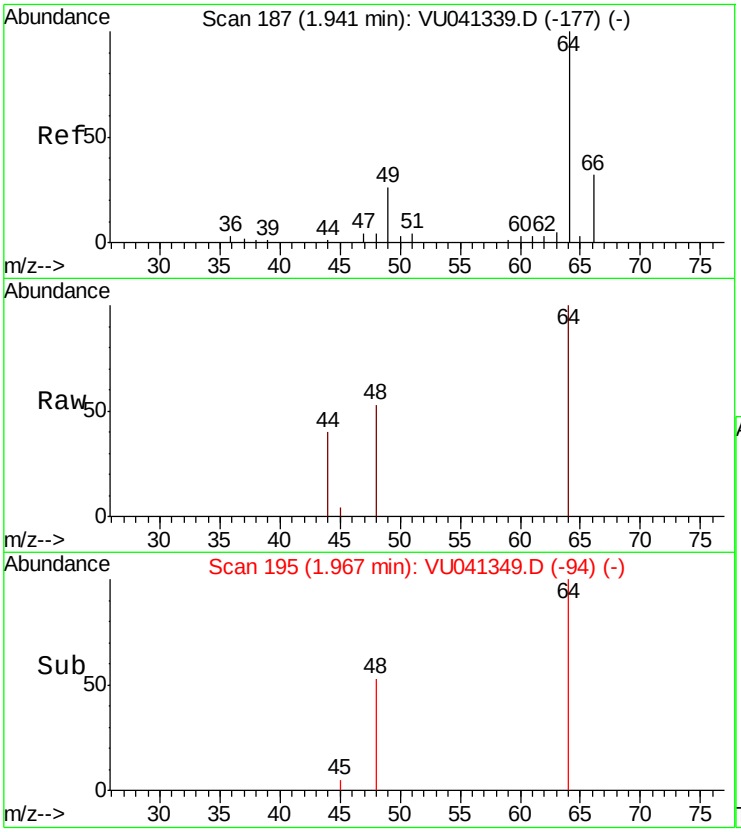


#5
Vinyl chloride
Concen: 1.488 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 62 Resp: 7694

Ion	Ratio	Lower	Upper
62	100		
64	36.1	22.7	42.3



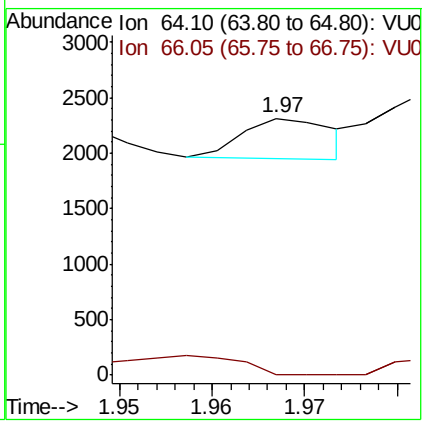


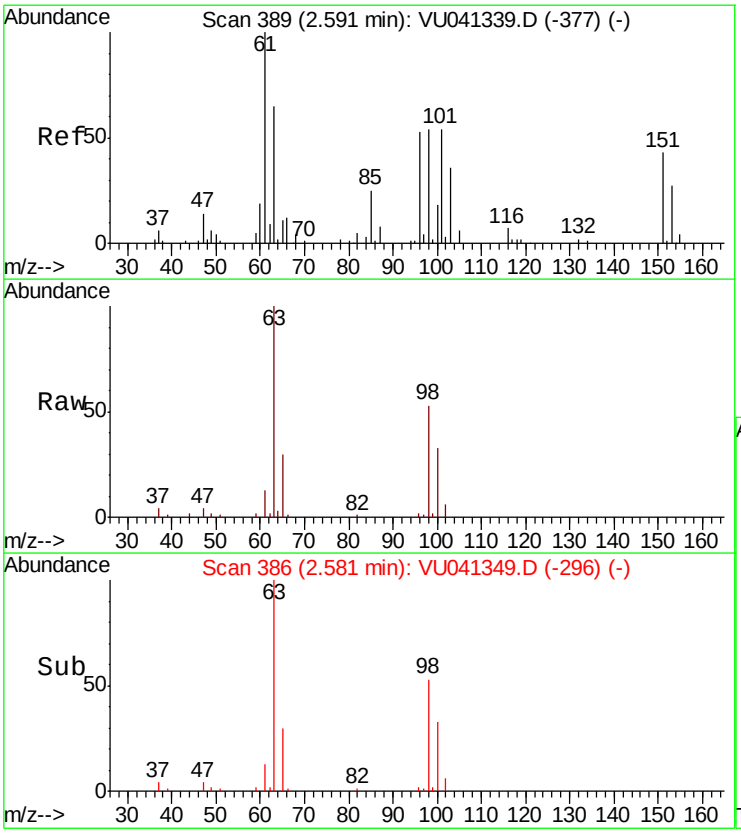
#8
Chloroethane
Concen: 0.072 ug/L
RT: 1.97 min Scan# 195
Delta R.T. 0.03 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument : MSVOA_U
ClientSampleId : H4424DL

Tgt Ion: 64 Resp: 248

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#

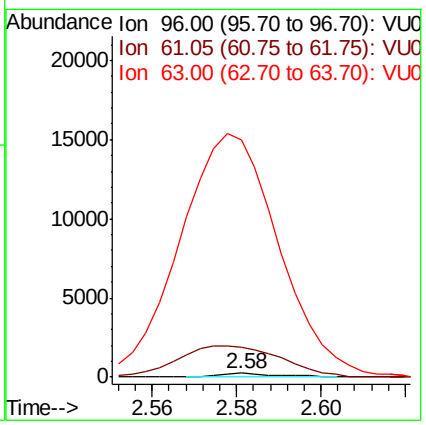


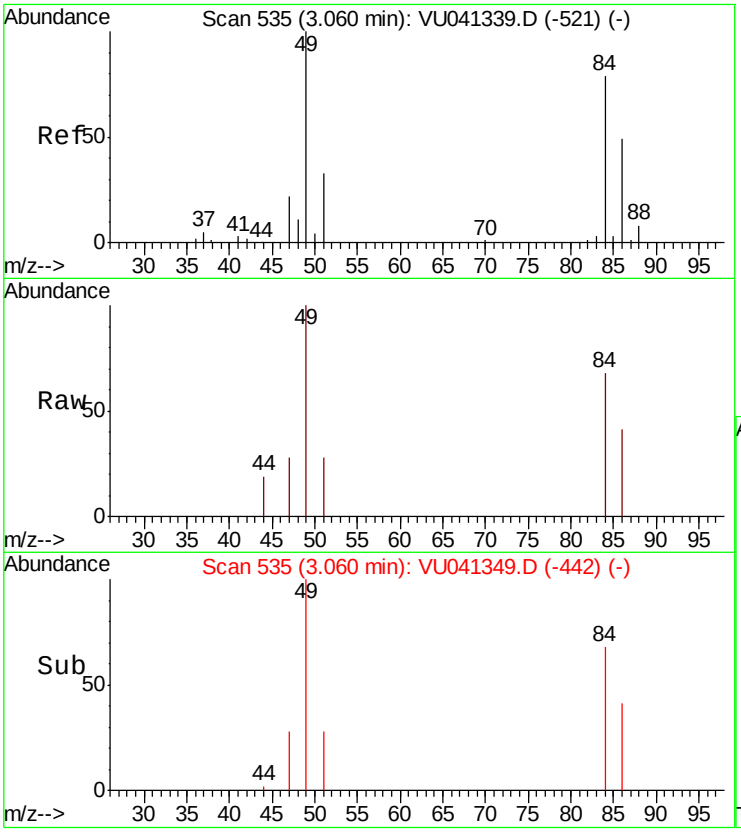


#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 96 Resp: 249

Ion	Ratio	Lower	Upper
96	100		
61	835.4	134.3	249.5#
63	6546.3	95.0	176.4#



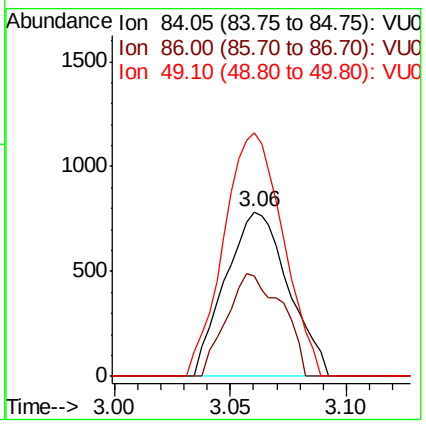


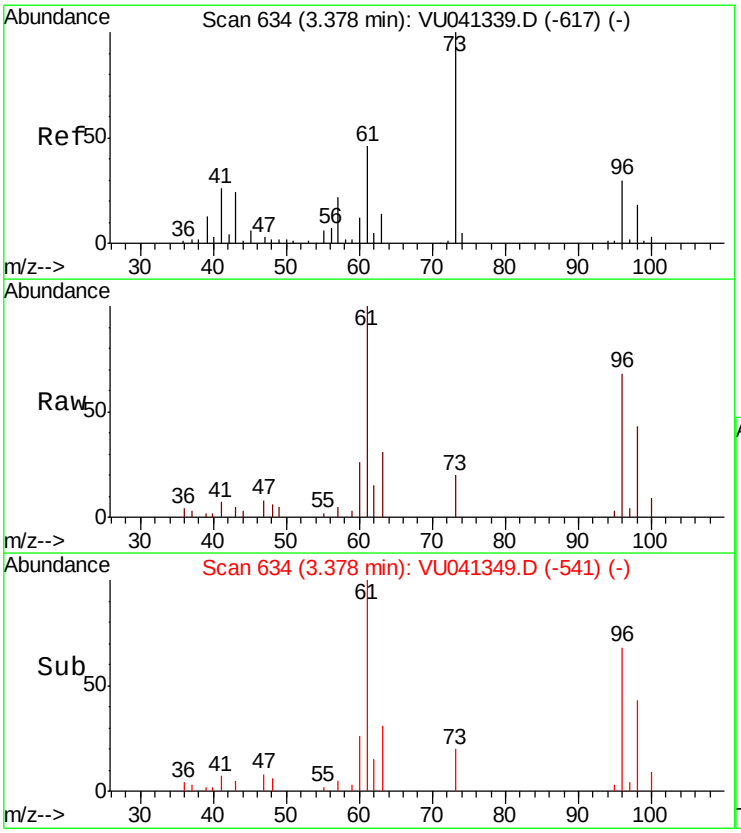
#16
Methylene chloride
Concen: 0.304 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument : MSVOA_U
ClientSampleId : H4424DL

Tgt Ion: 84 Resp: 1480

Ion	Ratio	Lower	Upper
84	100		
86	60.6	42.8	79.6
49	148.1	99.5	184.7

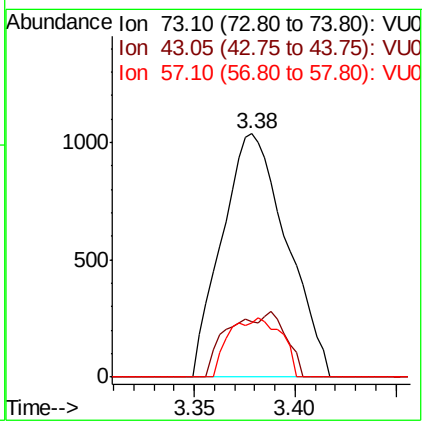


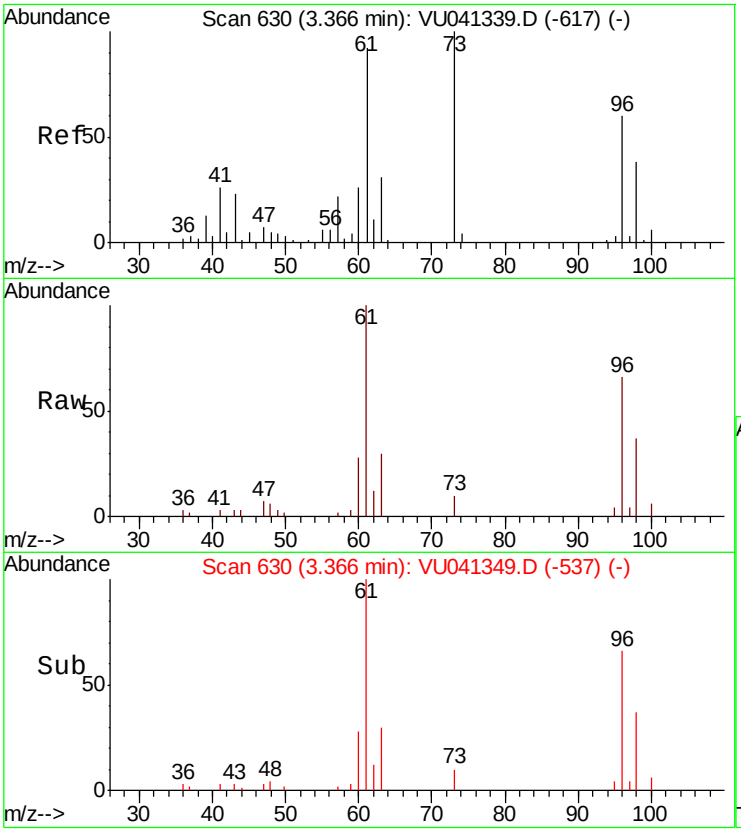


#17
Methyl tert-butyl Ether
Concen: 0.218 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 73 Resp: 2314

Ion	Ratio	Lower	Upper
73	100		
43	13.9	18.5	27.7#
57	19.8	18.4	27.6



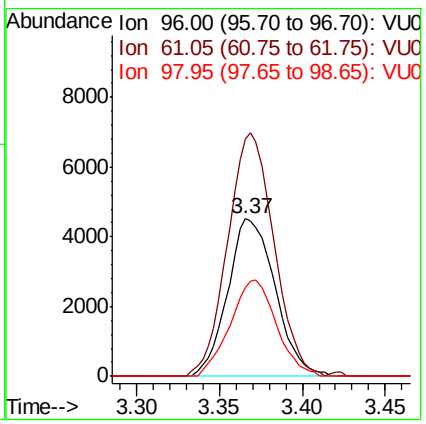


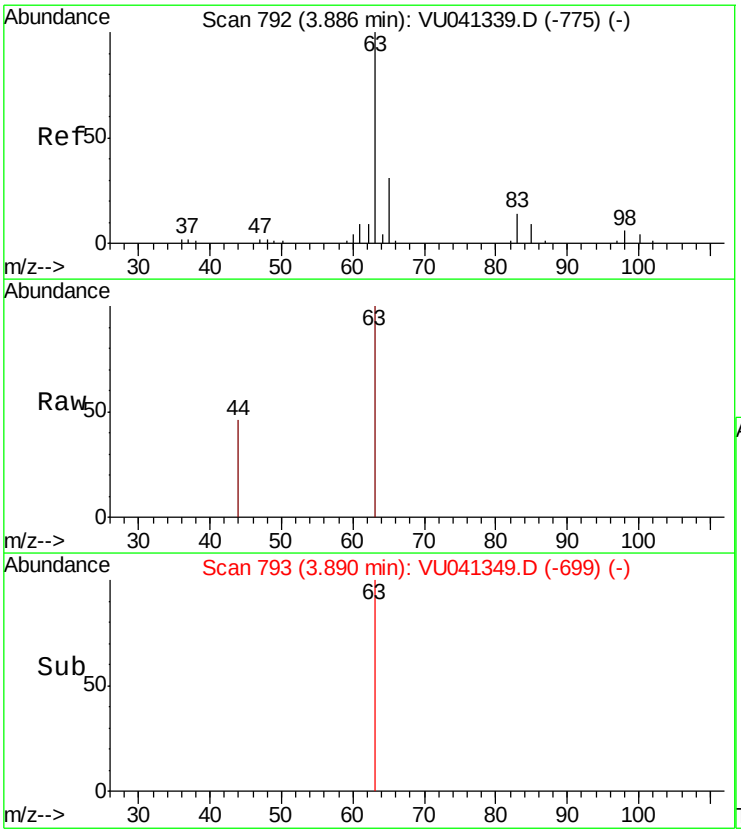
#18
trans-1,2-Dichloroethene
Concen: 2.381 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_U
ClientSampleId :
H4424DL

Tgt Ion: 96 Resp: 8988

Ion	Ratio	Lower	Upper
96	100		
61	150.7	110.9	205.9
98	56.1	45.4	84.2

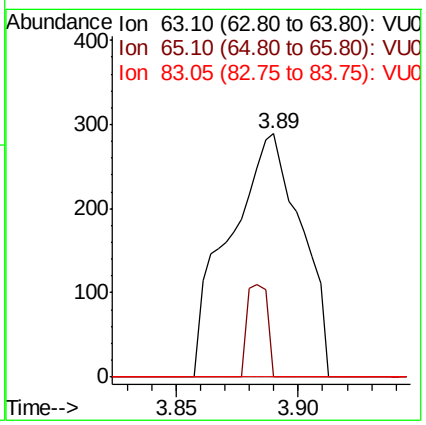


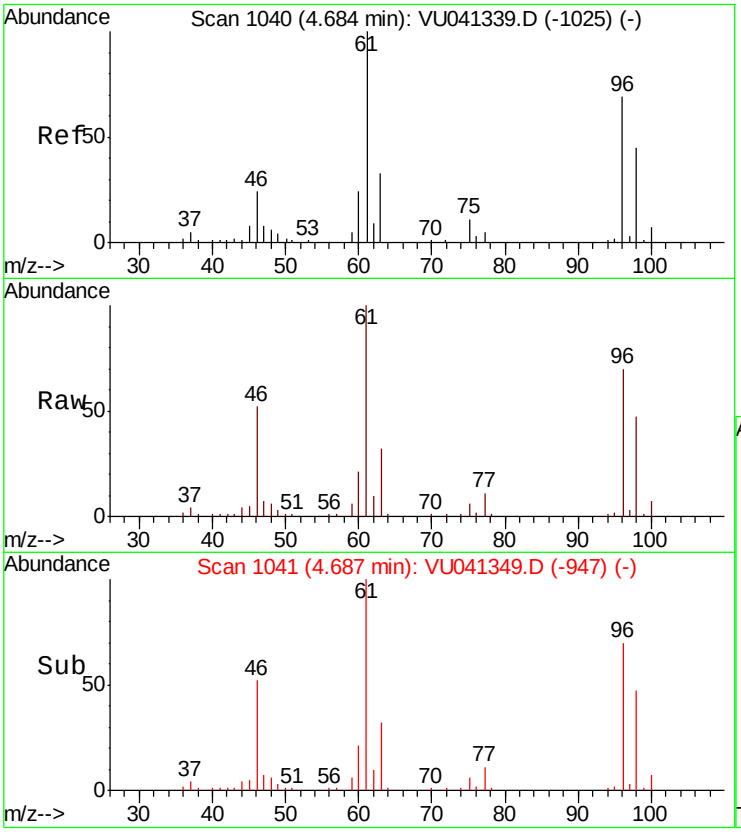


#19
1,1-Dichloroethane
Concen: 0.070 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 63 Resp: 588

Ion	Ratio	Lower	Upper
63	100		
65	0.0	21.3	39.6#
83	0.0	8.8	16.3#



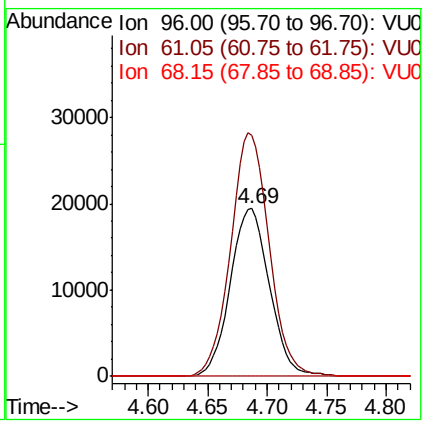


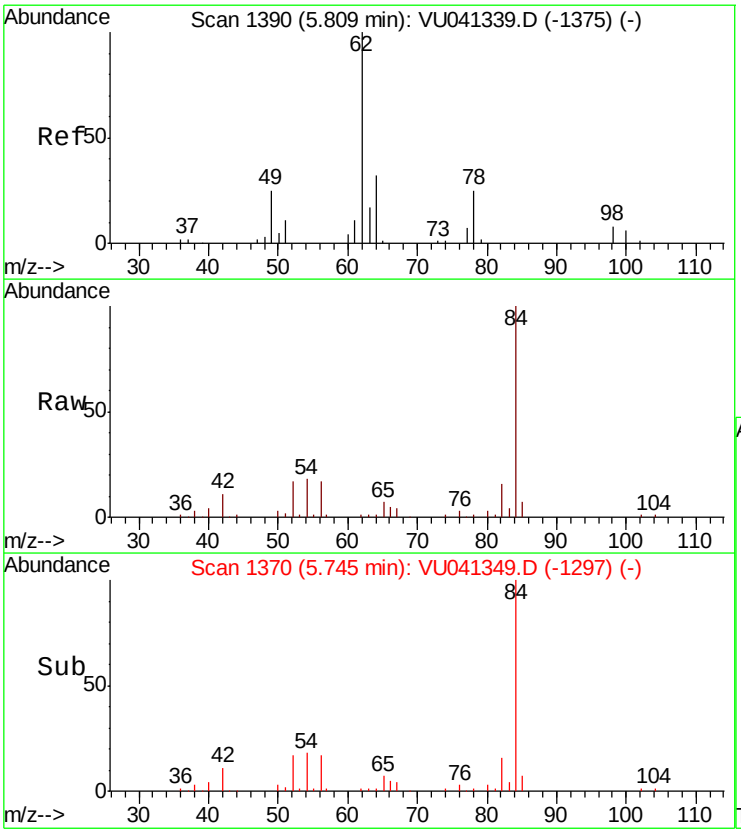
#22
cis-1,2-Dichloroethene
Concen: 10.415 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument : MSVOA_U
ClientSampleId : H4424DL

Tgt Ion: 96 Resp: 44410

Ion	Ratio	Lower	Upper
96	100		
61	143.6	97.2	180.4
68	0.0	0.0	0.0

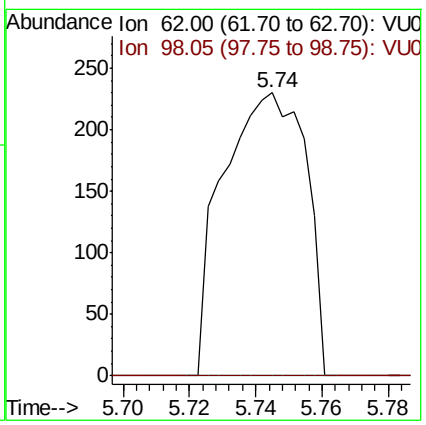


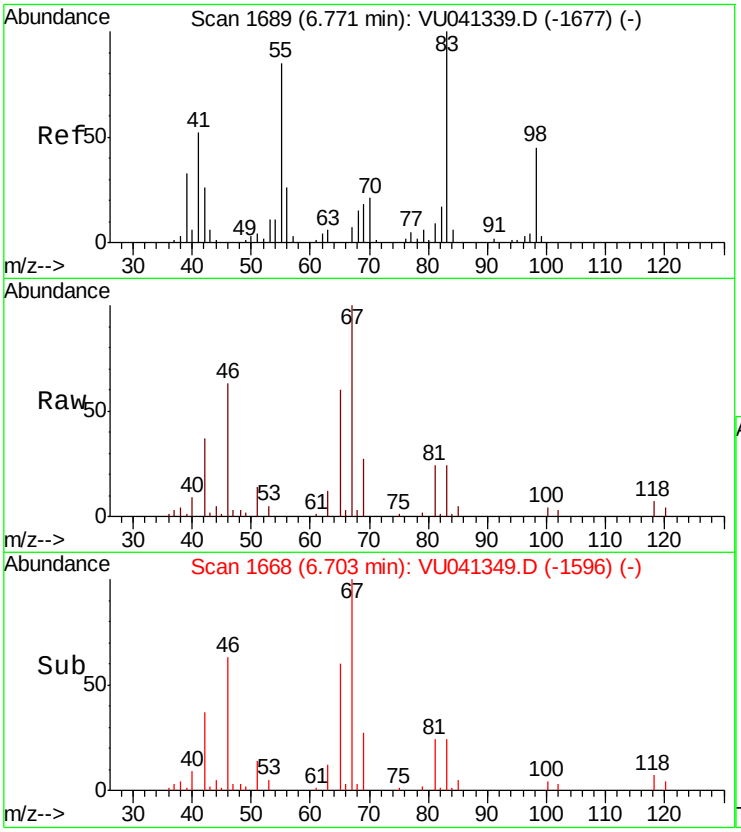


#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 62 Resp: 401

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#



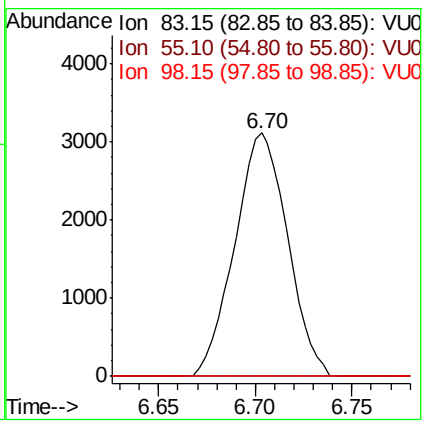


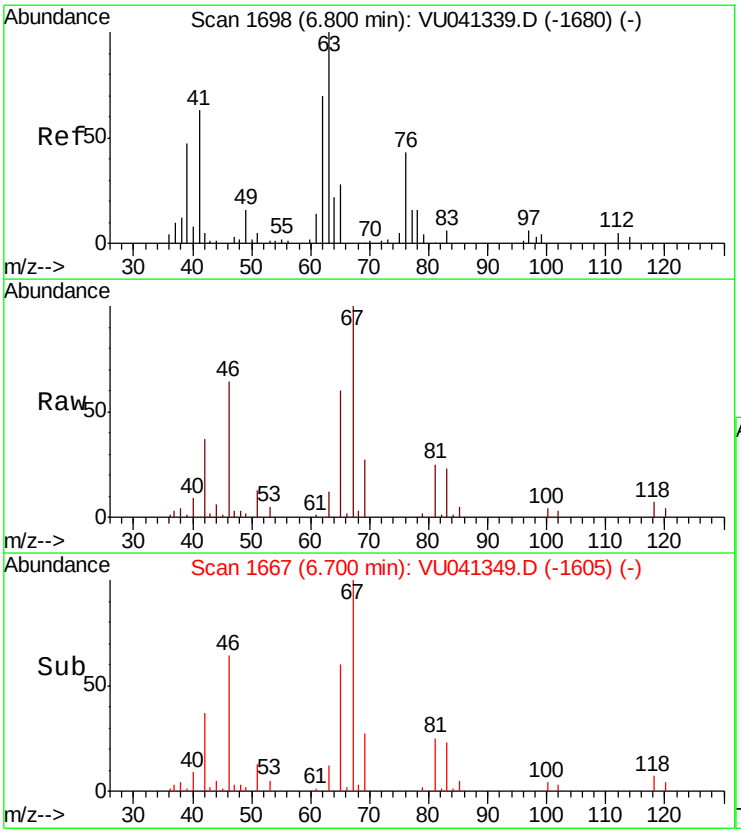
#35
Methylcyclohexane
Concen: 0.979 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument : MSVOA_U
ClientSampleId : H4424DL

Tgt Ion: 83 Resp: 5908

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

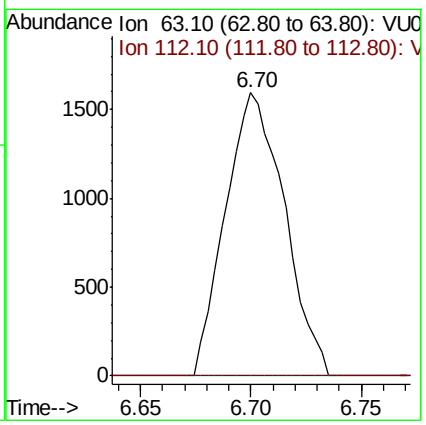


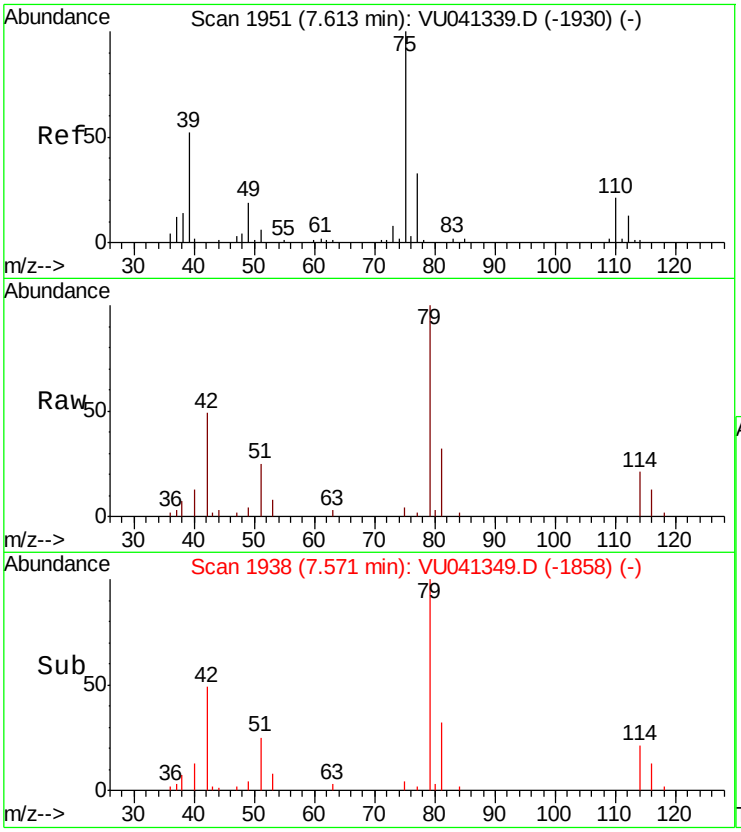


#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 63 Resp: 2958

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



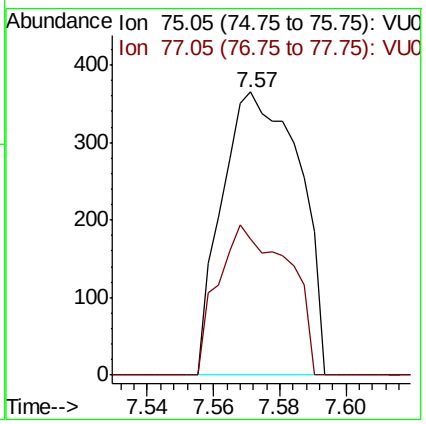


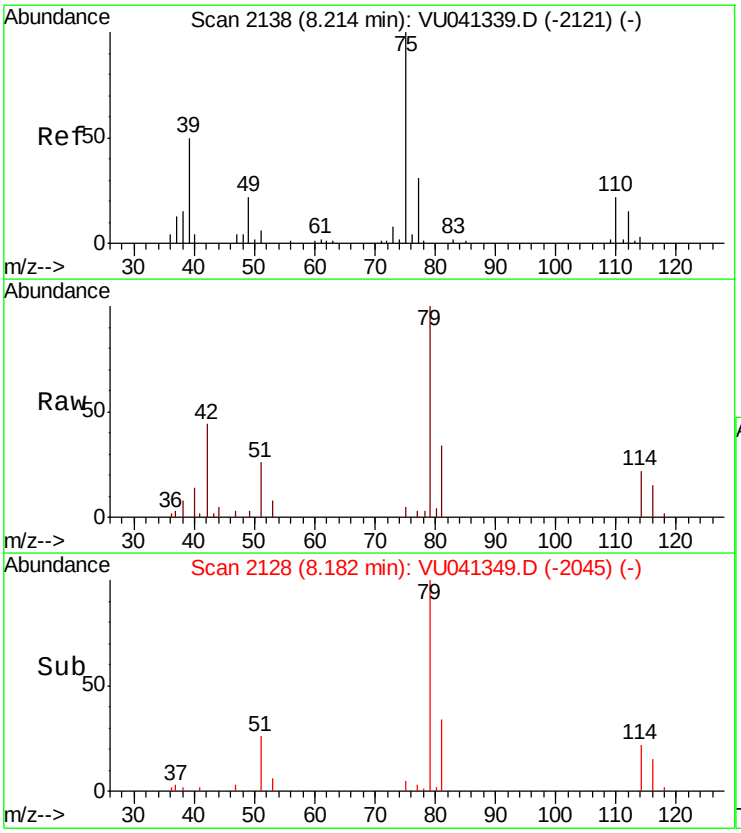
#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_U
ClientSampleId :
H4424DL

Tgt Ion: 75 Resp: 593

Ion	Ratio	Lower	Upper
75	100		
77	47.9	22.7	42.3#

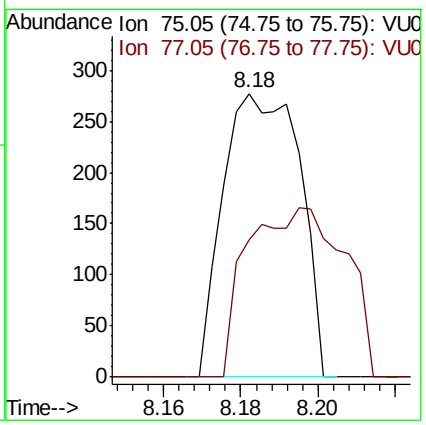


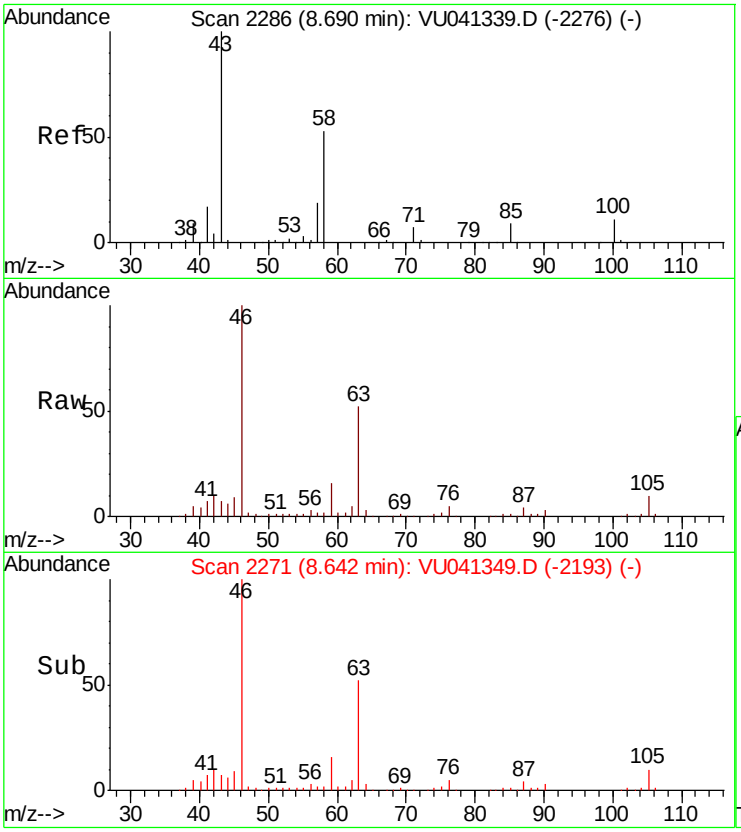


#44
trans-1,3-Dichloropropene
Concen: 0.059 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 75 Resp: 382

Ion	Ratio	Lower	Upper
75	100		
77	48.2	23.3	43.3#



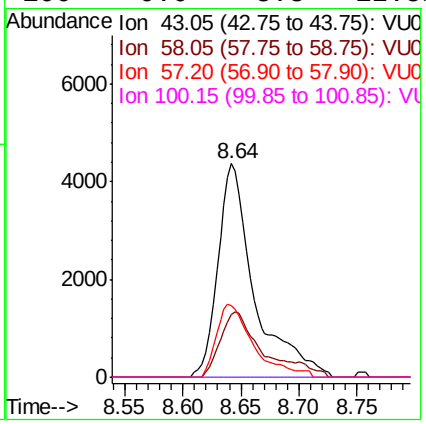


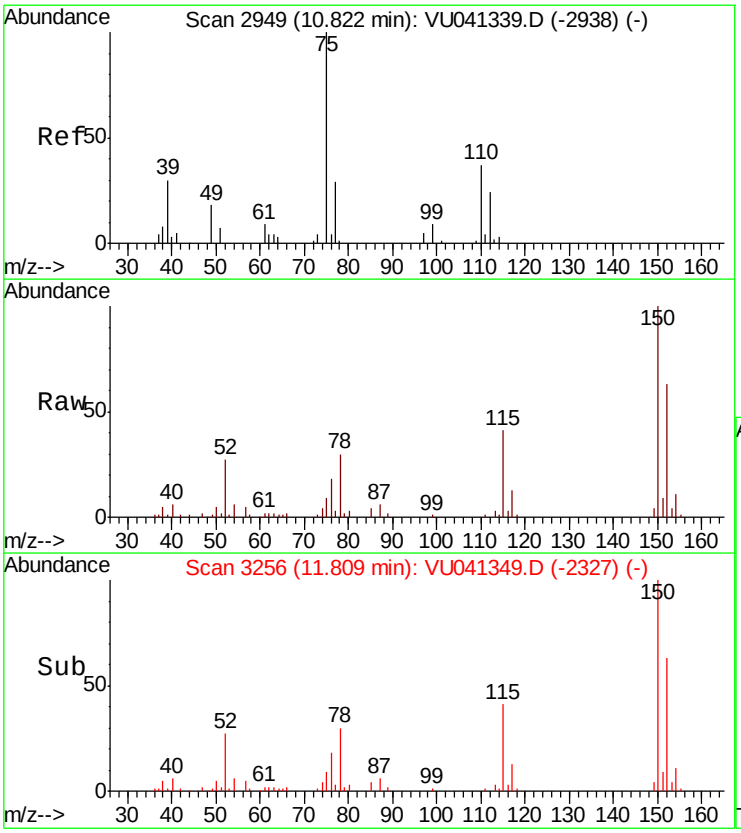
#48
2-Hexanone
Concen: 3.149 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Instrument : MSVOA_U
ClientSampleId : H4424DL

Tgt Ion: 43 Resp: 9558

Ion	Ratio	Lower	Upper
43	100		
58	35.8	41.4	62.2#
57	34.8	14.6	21.8#
100	0.0	8.3	12.5#





#59
1,2,3-Trichloropropane
Concen: 0.824 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041349.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 75 Resp: 3193

Ion	Ratio	Lower	Upper
75	100		
77	38.1	25.7	38.5