Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041305.D
Acq On : 18 Nov 2020 03:00
Operator : SY/MD
Sample : L4759-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4416

Quant Time: Nov 18 06:13:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68659	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24890	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21785	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.92	69	20214	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.58	63	34938	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%			
20) 2-Butanone-d5	4.66	46	98634	47.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.74%			
24) Chloroform-d	5.08	84	53189	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.72	65	32666	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.74	84	92143	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.70	67	32504	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.91	98	75013	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	8.19	79	12182	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.64	63	66397	45.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24398	3.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24792	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	28183	4.728	ug/L	91
8) Chloroethane	1.93	64	400	0.101	ug/L #	51
12) 1,1-Dichloroethene	2.59	96	698	0.156	ug/L #	1
13) Acetone	2.66	43	3214	2.327	ug/L	84
17) Methyl tert-butyl Ether	3.38	73	417284	34.103	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	28587	6.567	ug/L	98
19) 1,1-Dichloroethane	3.89	63	11072	1.138	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	231105	47.010	ug/L	97
33) Benzene	5.79	78	5654	0.306	ug/L	100
34) Trichloroethene	6.56	95	90342	18.108	ug/L	99
35) Methylcyclohexane	6.70	83	7456	1.125	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4037	0.748	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	813	0.108	ug/L #	46
44) trans-1,3-Dichloropropene	8.20	75	545	0.077	ug/L #	79
59) 1,2,3-Trichloropropane	11.81	75	3170	0.745	ug/L #	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041305.D
Acq On : 18 Nov 2020 03:00
Operator : SY/MD
Sample : L4759-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4416

Quant Time: Nov 18 06:13:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 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\VU111720\
Data File : VU041305.D
Acq On : 18 Nov 2020 03:00
Operator : SY/MD
Sample : L4759-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
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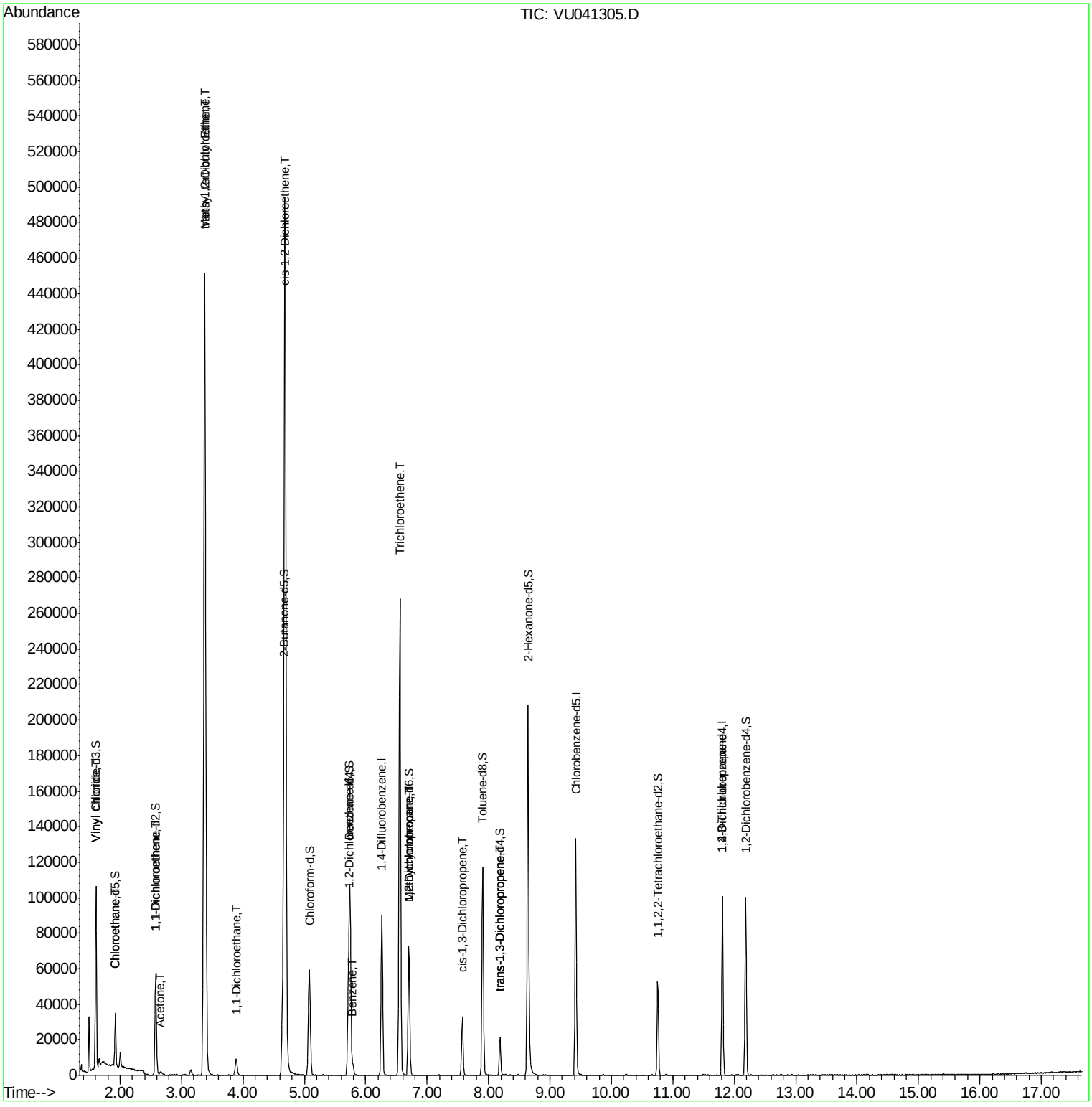
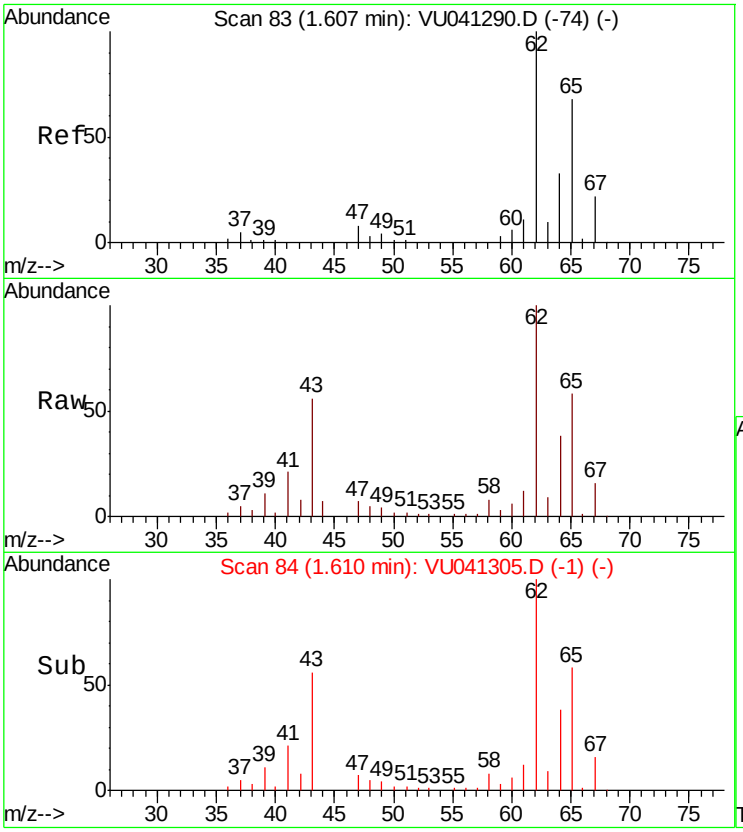
Quant Time: Nov 18 06:13:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration



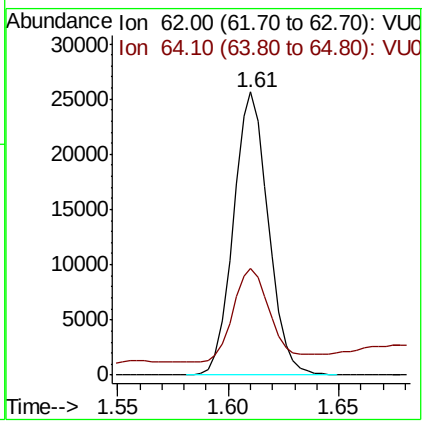


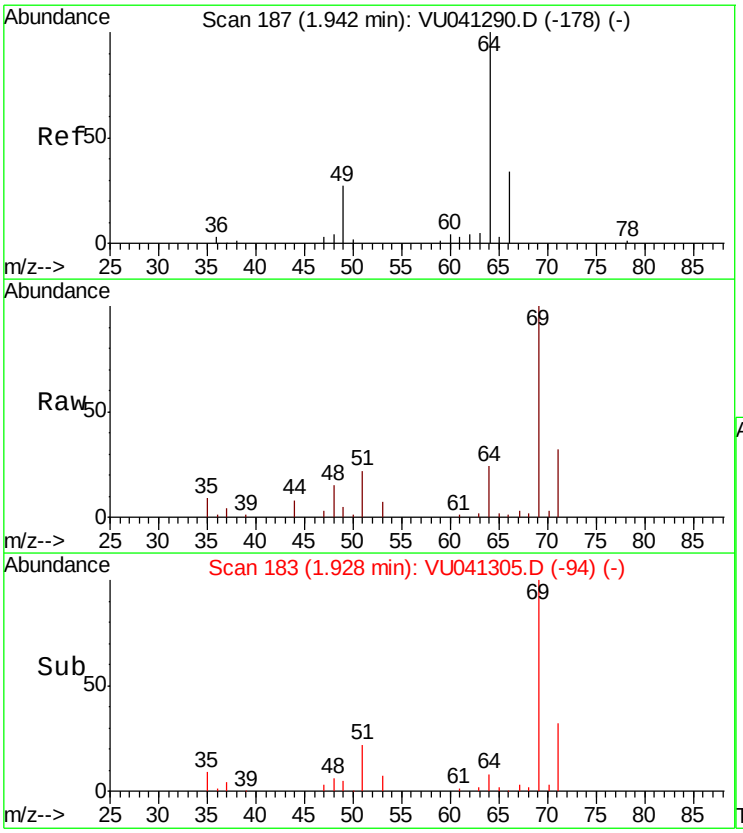
#5
Vinyl chloride
Concen: 4.728 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument : MSVOA_U
ClientSampleId : H4416

Tgt Ion: 62 Resp: 28183

Ion	Ratio	Lower	Upper
62	100		
64	37.8	22.7	42.3

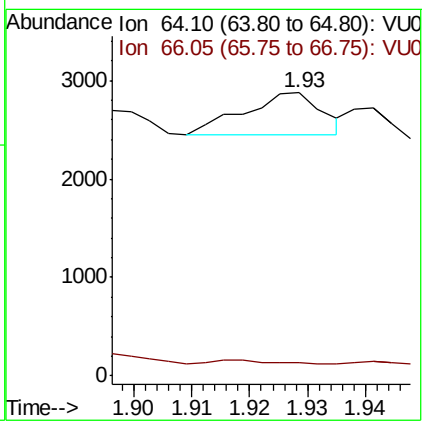


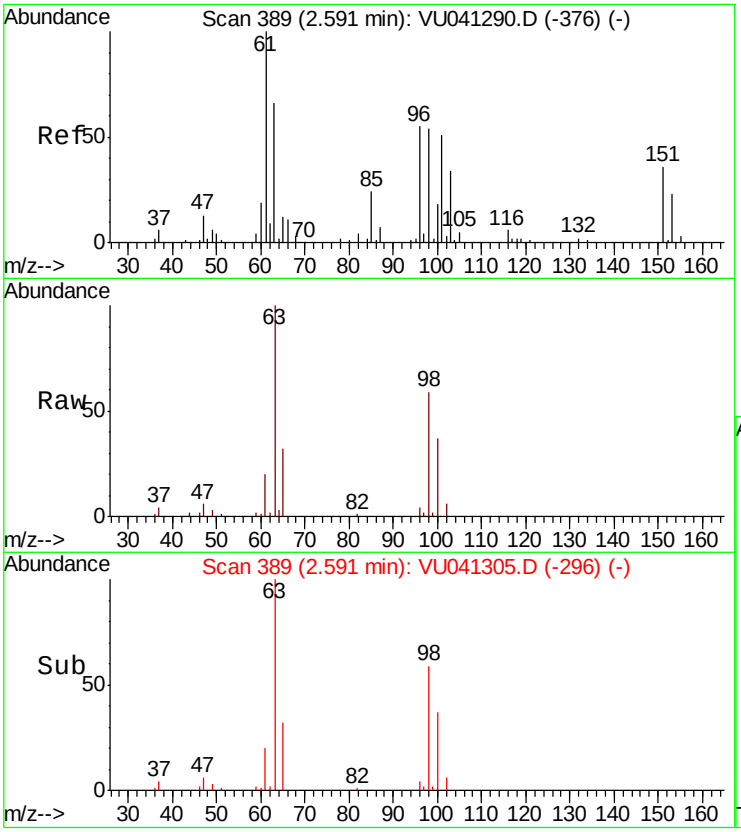


#8
Chloroethane
Concen: 0.101 ug/L
RT: 1.93 min Scan# 183
Delta R.T. -0.01 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Tgt Ion: 64 Resp: 400

Ion	Ratio	Lower	Upper
64	100		
66	4.6	22.3	41.5#



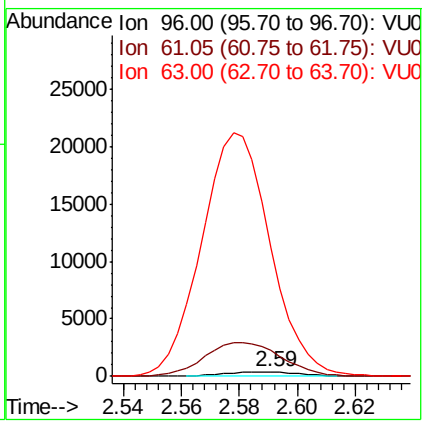


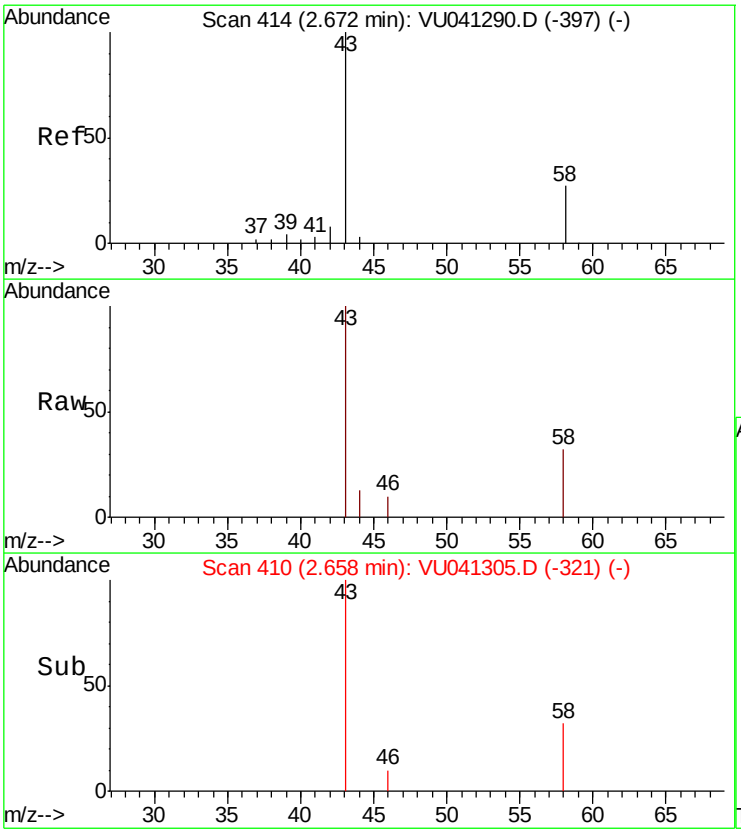
#12
1,1-Dichloroethene
Concen: 0.156 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument : MSVOA_U
ClientSampleId : H4416

Tgt Ion: 96 Resp: 698

Ion	Ratio	Lower	Upper
96	100		
61	560.5	134.3	249.5#
63	2818.9	95.0	176.4#

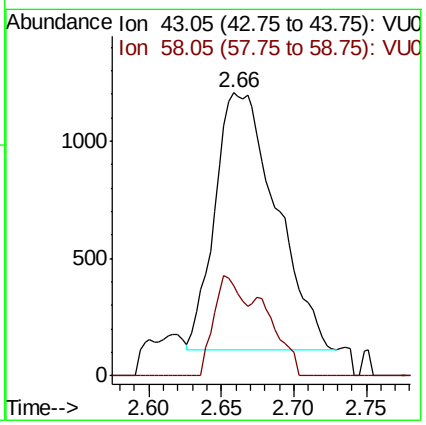


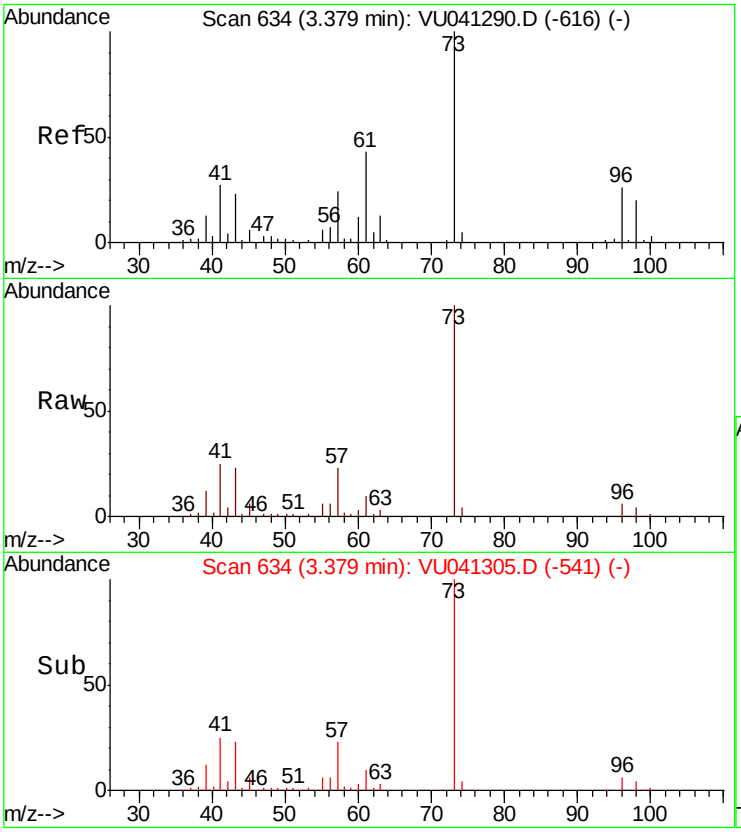


#13
Acetone
Concen: 2.327 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Tgt Ion: 43 Resp: 3214

Ion	Ratio	Lower	Upper
43	100		
58	18.8	0.0	25.4



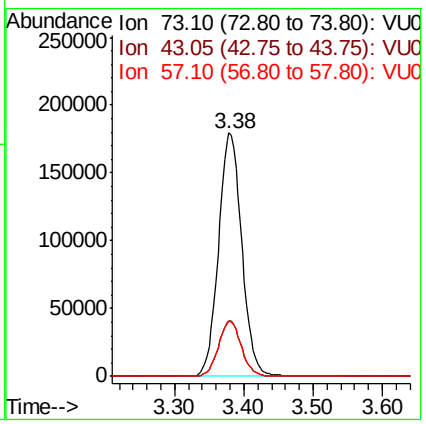


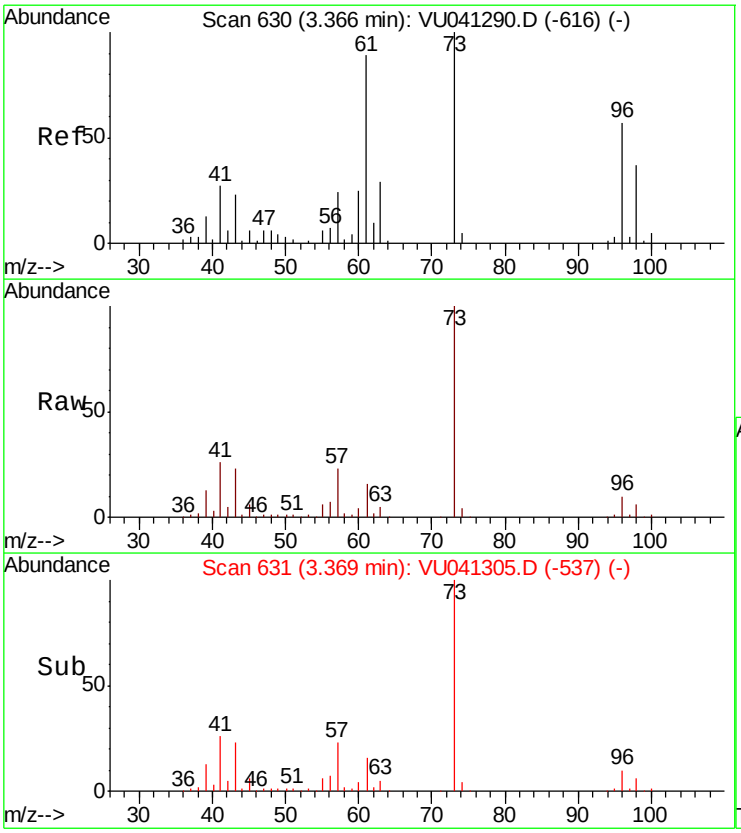
#17
Methyl tert-butyl Ether
Concen: 34.103 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument : MSVOA_U
ClientSampleId : H4416

Tgt Ion: 73 Resp: 417284

Ion	Ratio	Lower	Upper
73	100		
43	22.6	18.5	27.7
57	22.3	18.4	27.6

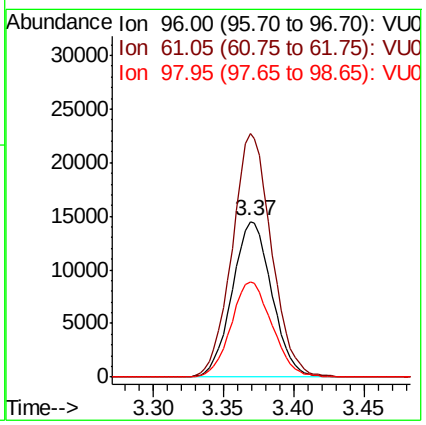


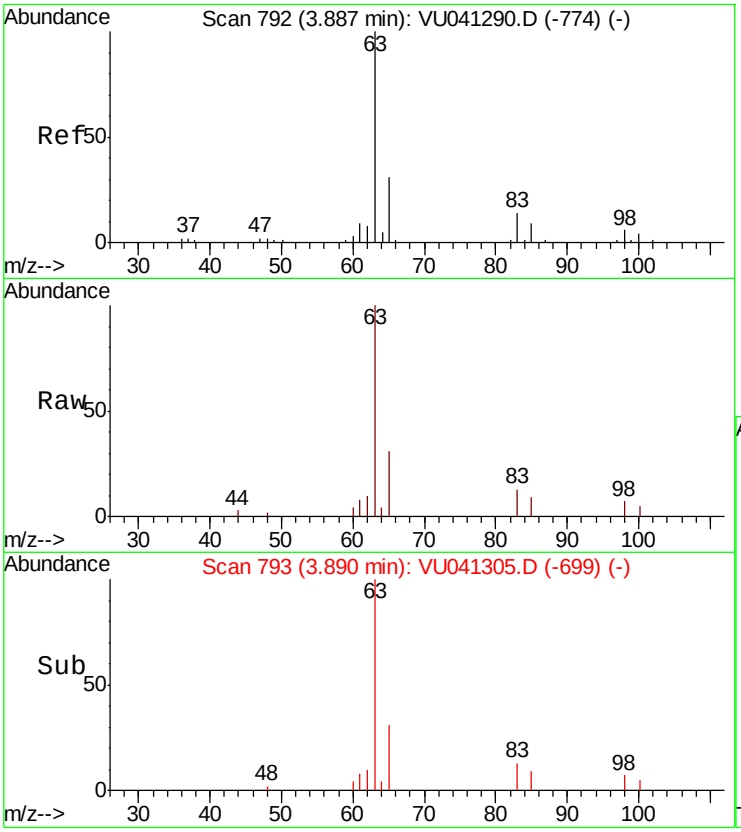


#18
trans-1,2-Dichloroethene
Concen: 6.567 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Tgt Ion: 96 Resp: 28587

Ion	Ratio	Lower	Upper
96	100		
61	156.6	110.9	205.9
98	61.2	45.4	84.2



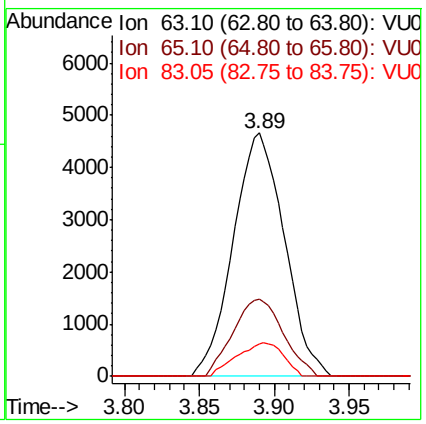


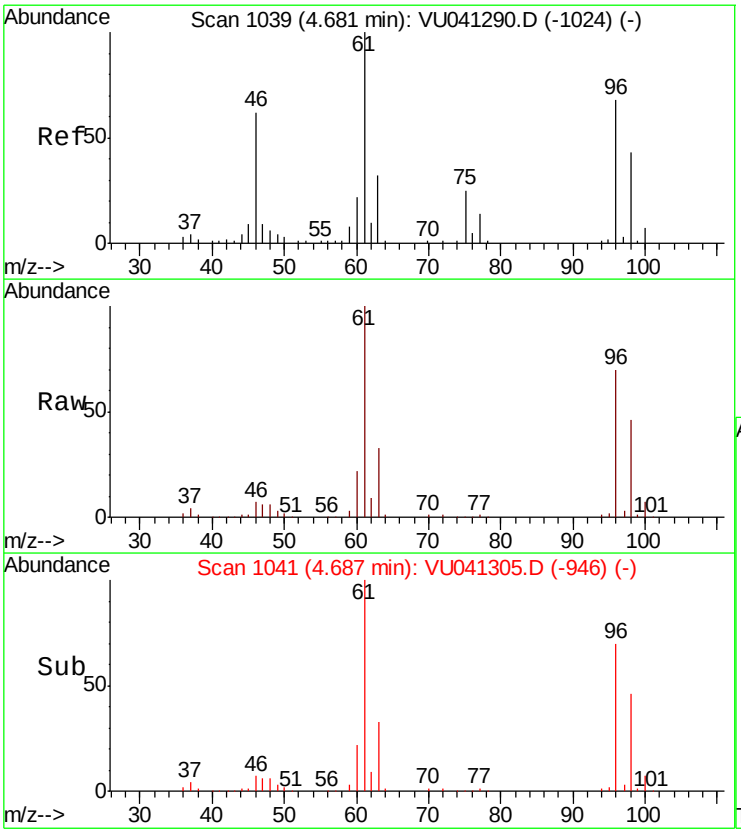
#19
1,1-Dichloroethane
Concen: 1.138 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument : MSVOA_U
ClientSampleId : H4416

Tgt Ion: 63 Resp: 11072

Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.3	39.6
83	13.4	8.8	16.3

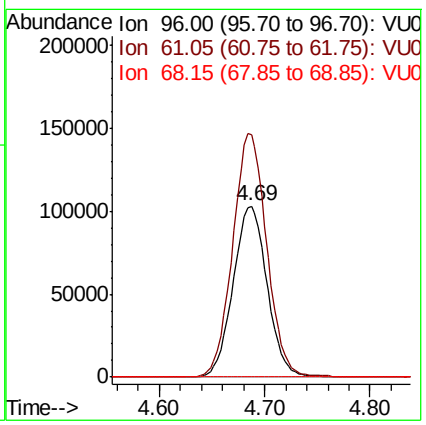


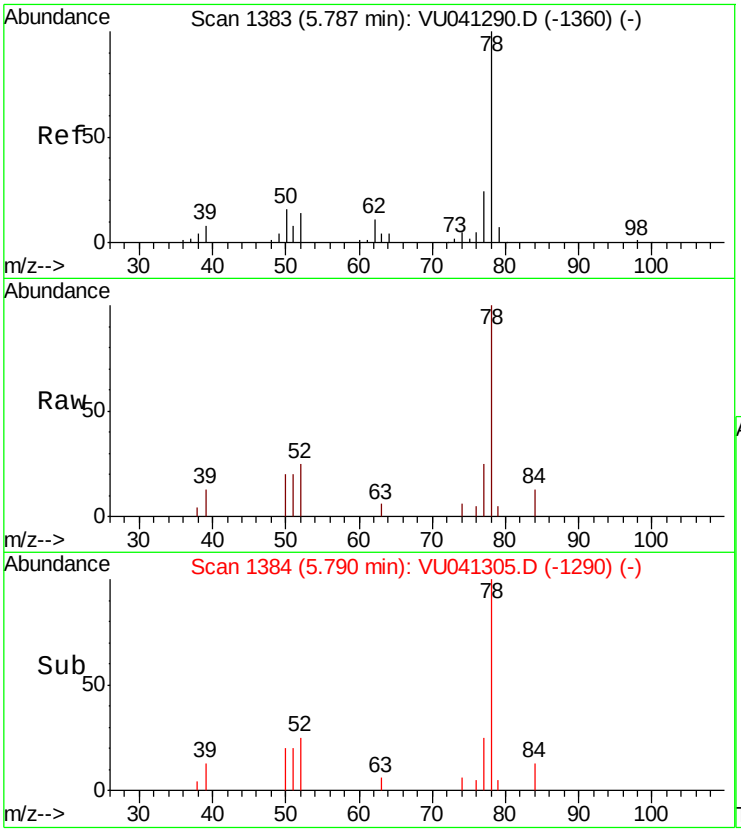


#22
cis-1,2-Dichloroethene
Concen: 47.010 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Tgt Ion: 96 Resp: 231105

Ion	Ratio	Lower	Upper
96	100		
61	142.0	97.2	180.4
68	0.0	0.0	0.0

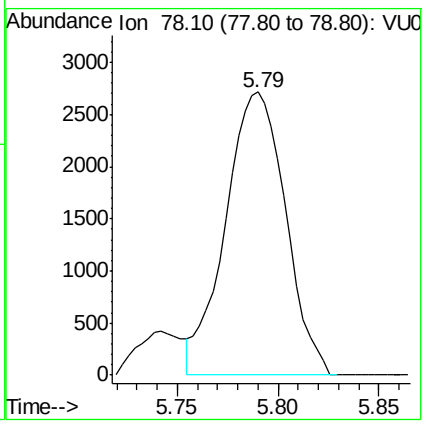


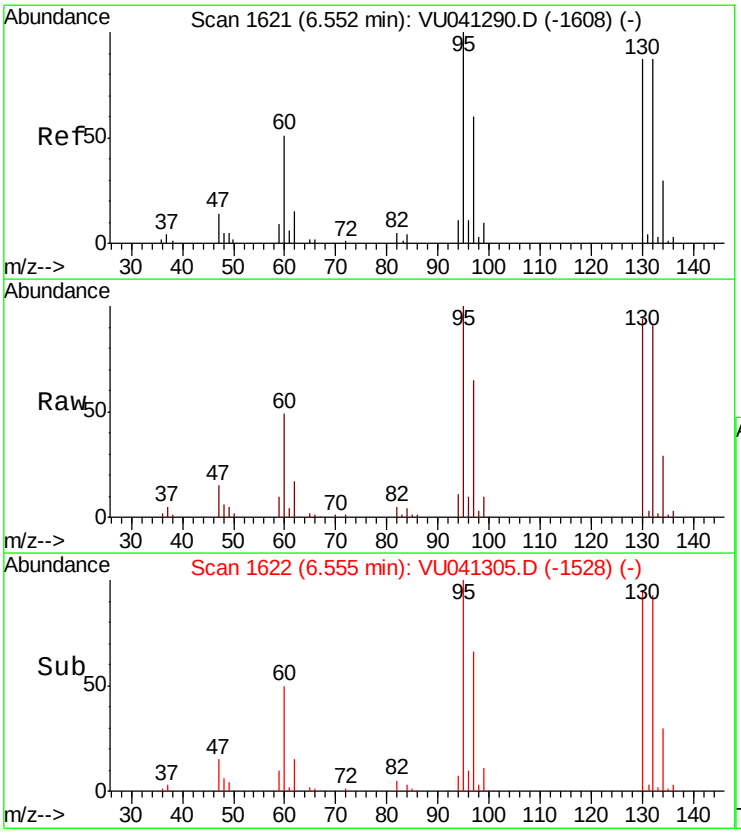


#33
Benzene
Concen: 0.306 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument :
MSVOA_U
ClientSampleId :
H4416

Tgt Ion: 78 Resp: 5654

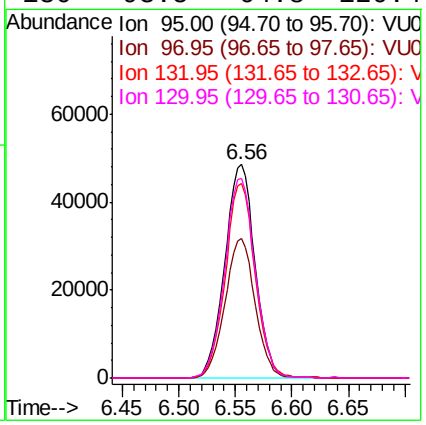


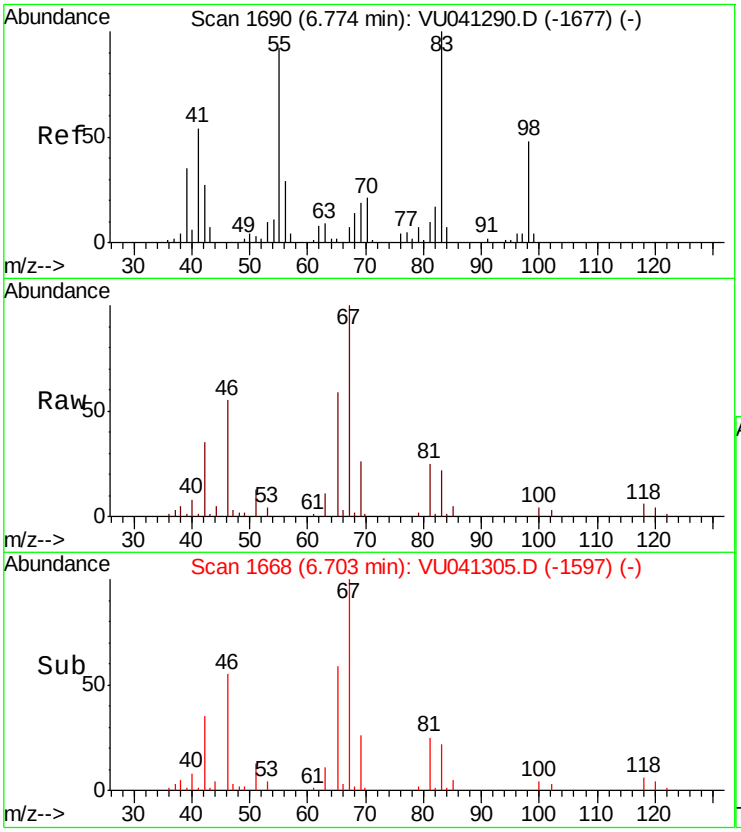


#34
Trichloroethene
Concen: 18.108 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Tgt Ion: 95 Resp: 90342

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.6	84.6
132	91.1	64.8	120.4
130	93.5	64.8	120.4



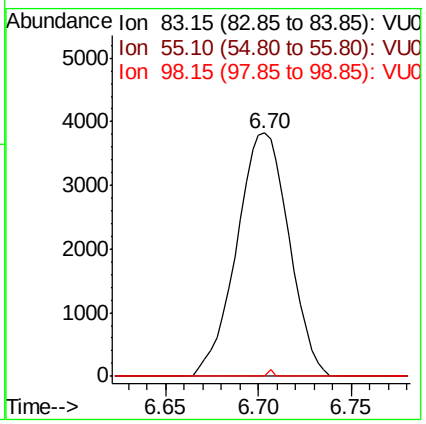


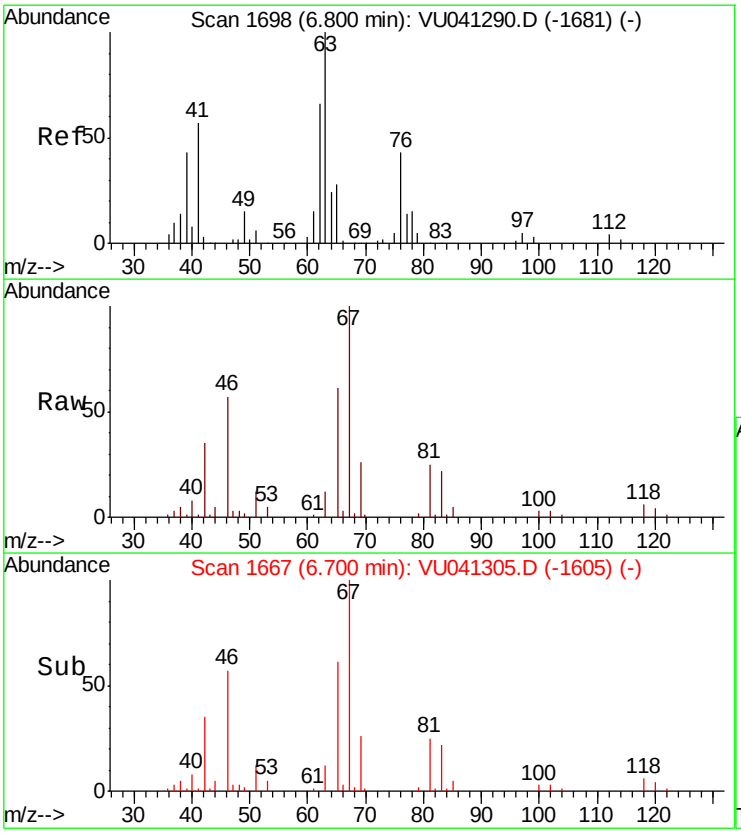
#35
Methylcyclohexane
Concen: 1.125 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument : MSVOA_U
ClientSampleId : H4416

Tgt Ion: 83 Resp: 7456

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

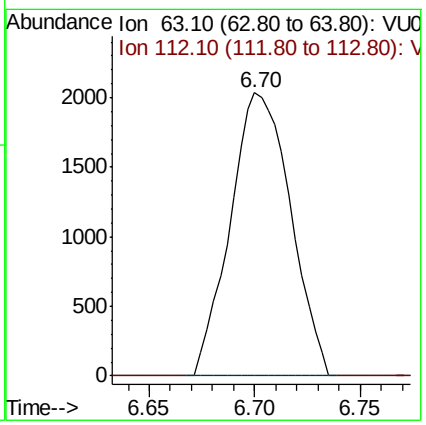


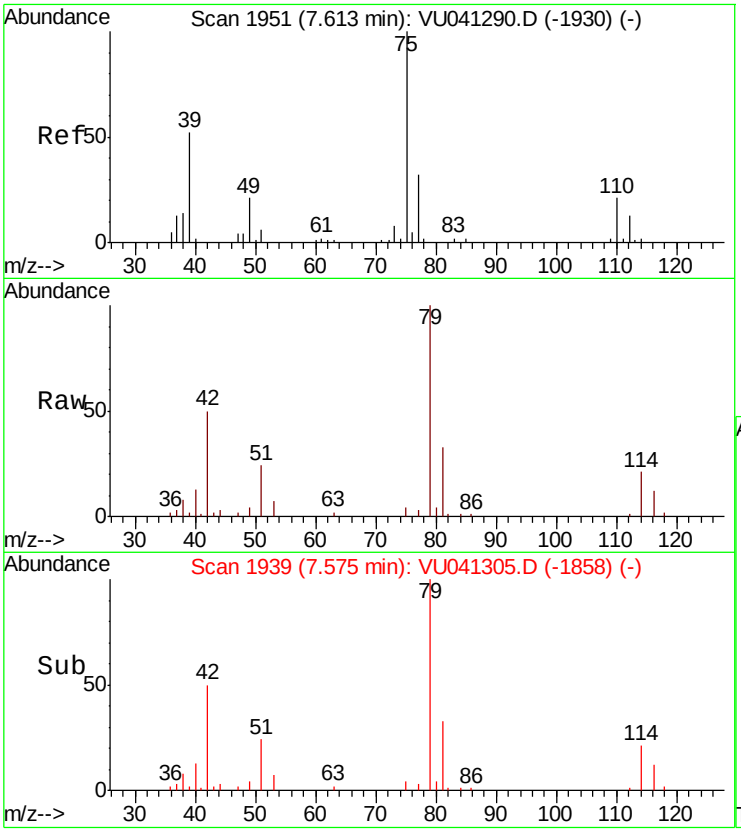


#37
1,2-Dichloropropane
Concen: 0.748 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Tgt Ion: 63 Resp: 4037

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



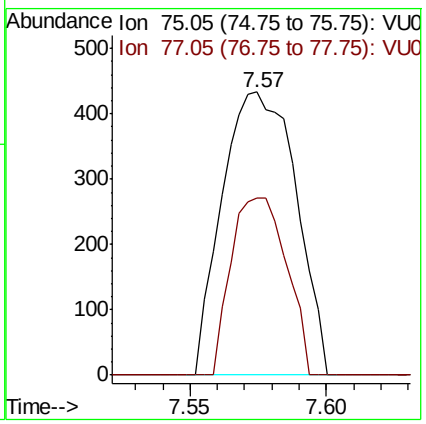


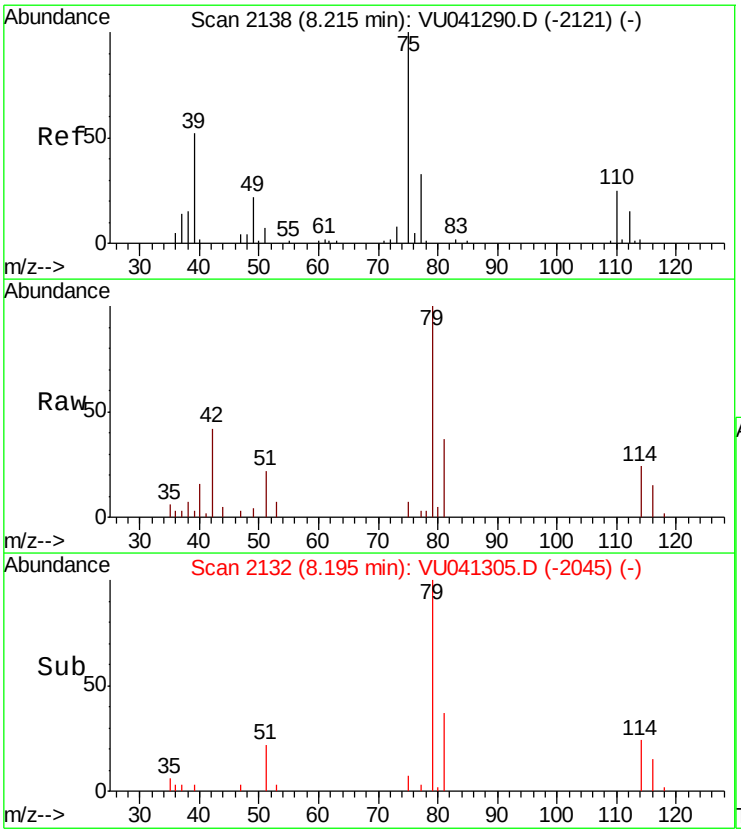
#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument : MSVOA_U
ClientSampleId : H4416

Tgt Ion: 75 Resp: 813

Ion	Ratio	Lower	Upper
75	100		
77	62.6	22.7	42.3#

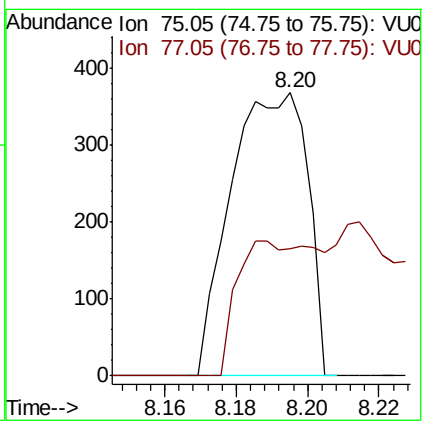


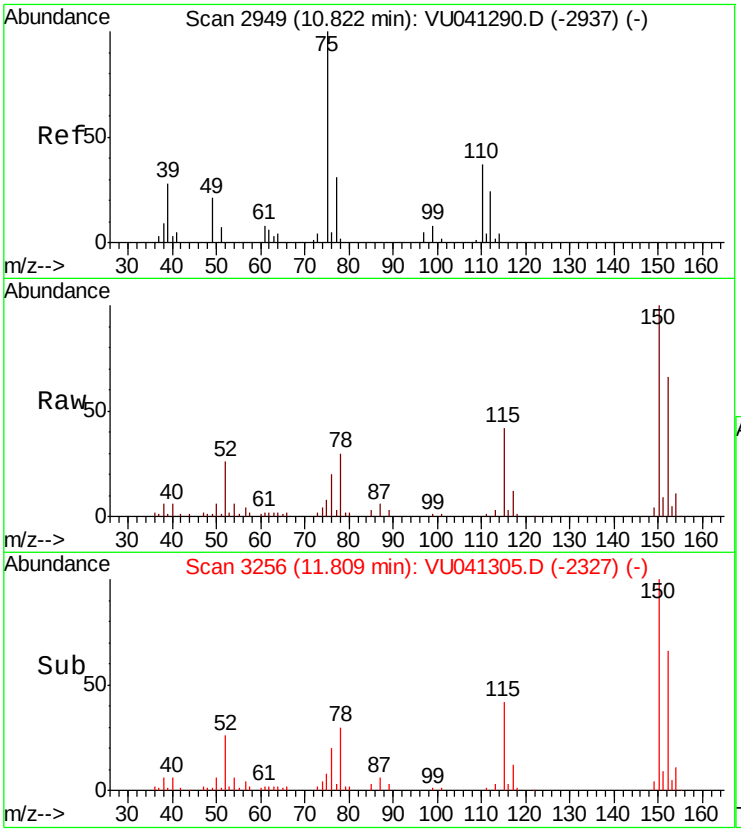


#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 8.20 min Scan# 2132
Delta R.T. -0.02 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Tgt Ion: 75 Resp: 545

Ion	Ratio	Lower	Upper
75	100		
77	45.1	23.3	43.3#





#59
1,2,3-Trichloropropane
Concen: 0.745 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041305.D
Acq: 18 Nov 2020 03:00

Instrument :
MSVOA_U
ClientSampleId :
H4416

Tgt Ion: 75 Resp: 3170

Ion	Ratio	Lower	Upper
75	100		
77	39.7	25.7	38.5#