Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112420\
Data File : VU041420.D
Acq On : 24 Nov 2020 16:07
Operator : SY/MD
Sample : L4849-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4412DL

Quant Time: Nov 25 07:40:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27463	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16190	3.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	1.92	69	13357	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.58	63	26803	3.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.20%			
20) 2-Butanone-d5	4.65	46	54480	50.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.98%			
24) Chloroform-d	5.08	84	39588	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.72	65	25852	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
32) Benzene-d6	5.74	84	65476	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
36) 1,2-Dichloropropane-d6	6.70	67	19742	4.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.40%			
41) Toluene-d8	7.90	98	57833	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.40%			
43) trans-1,3-Dichloropropene-	8.19	79	9818	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.64	63	37138	51.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	19385	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	23899	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2066	0.396	ug/L #	37
8) Chloroethane	1.92	64	154	0.052	ug/L #	40
12) 1,1-Dichloroethene	2.58	96	217	0.059	ug/L #	1
16) Methylene chloride	3.06	84	867	0.165	ug/L #	70
17) Methyl tert-butyl Ether	3.38	73	2664	0.291	ug/L #	83
18) trans-1,2-Dichloroethene	3.37	96	1070	0.269	ug/L #	91
22) cis-1,2-Dichloroethene	4.69	96	22790	5.378	ug/L	96
25) Chloroform	5.11	83	1446	0.166	ug/L	97
27) 1,2-Dichloroethane	5.74	62	431	0.076	ug/L #	78
34) Trichloroethene	6.55	95	863	0.190	ug/L	93
35) Methylcyclohexane	6.70	83	5192	0.783	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	2992	0.653	ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	788	0.125	ug/L #	43
44) trans-1,3-Dichloropropene	8.19	75	440	0.076	ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	2966	0.991	ug/L #	79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112420\
Data File : VU041420.D
Acq On : 24 Nov 2020 16:07
Operator : SY/MD
Sample : L4849-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4412DL

Quant Time: Nov 25 07:40:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112420\
Data File : VU041420.D
Acq On : 24 Nov 2020 16:07
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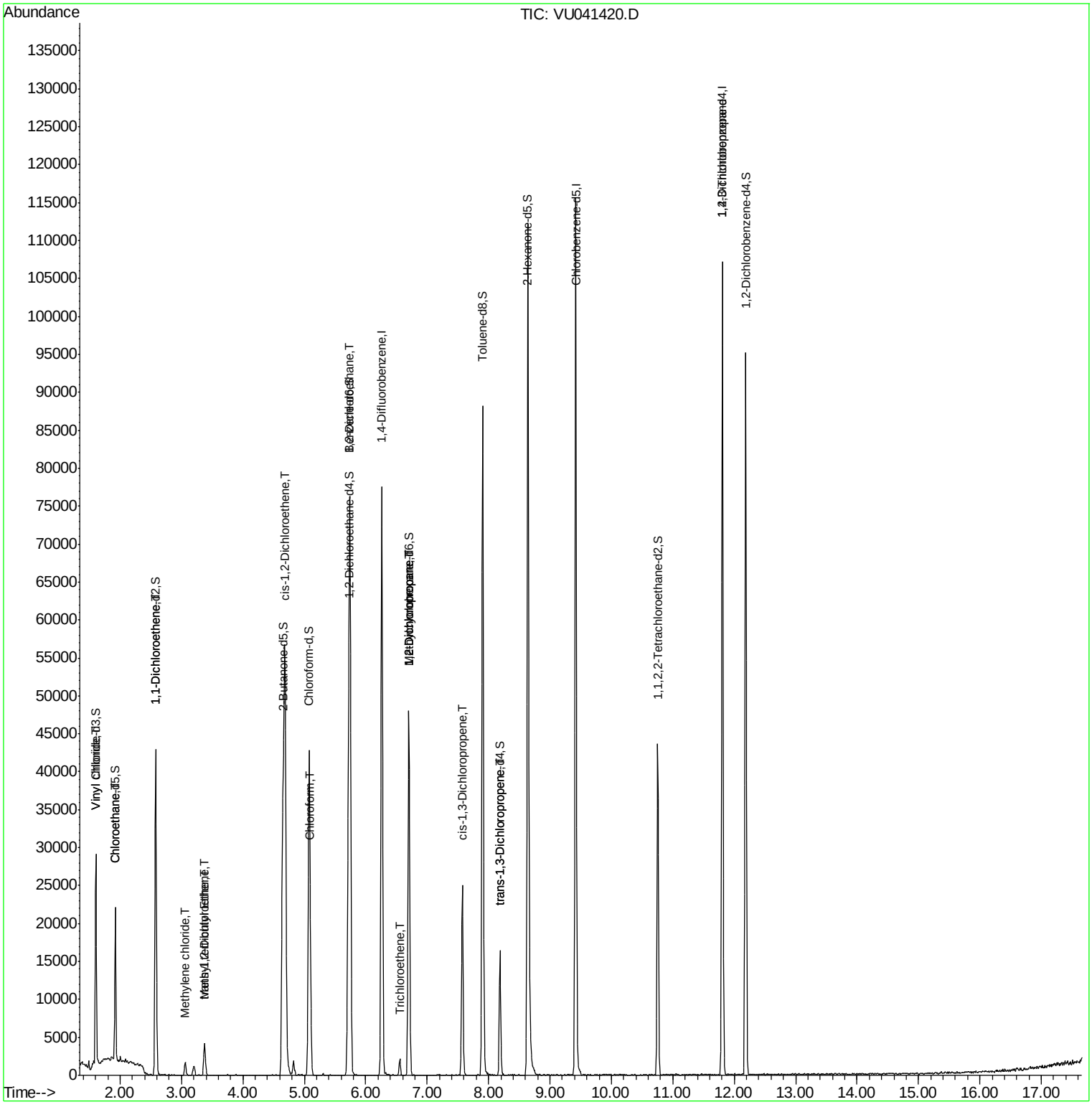
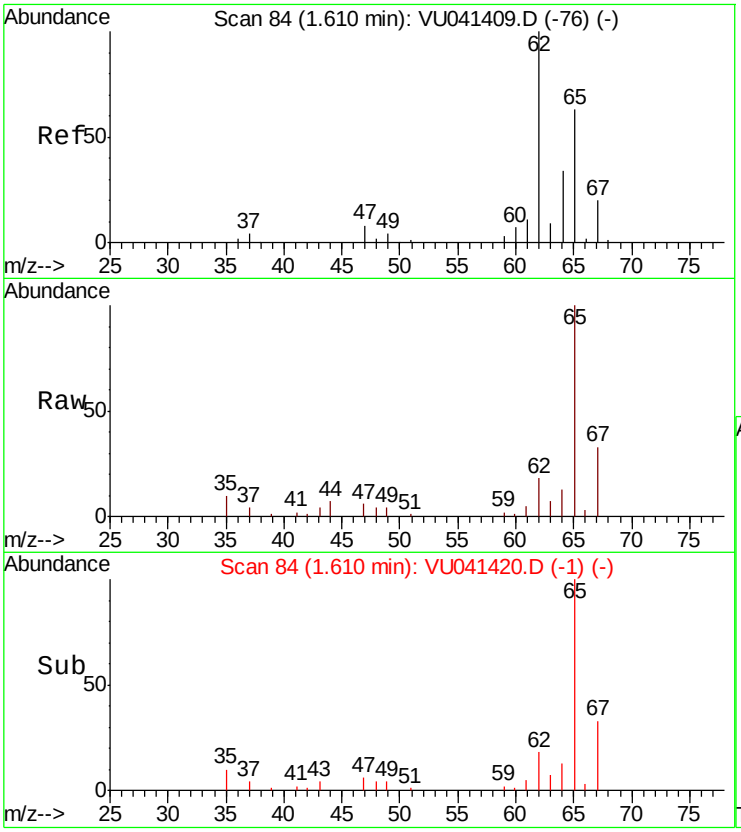
Response via : Initial Calibration



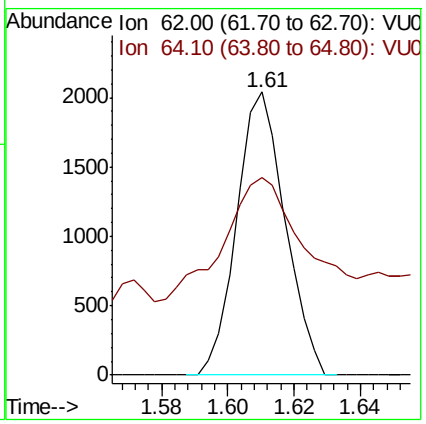


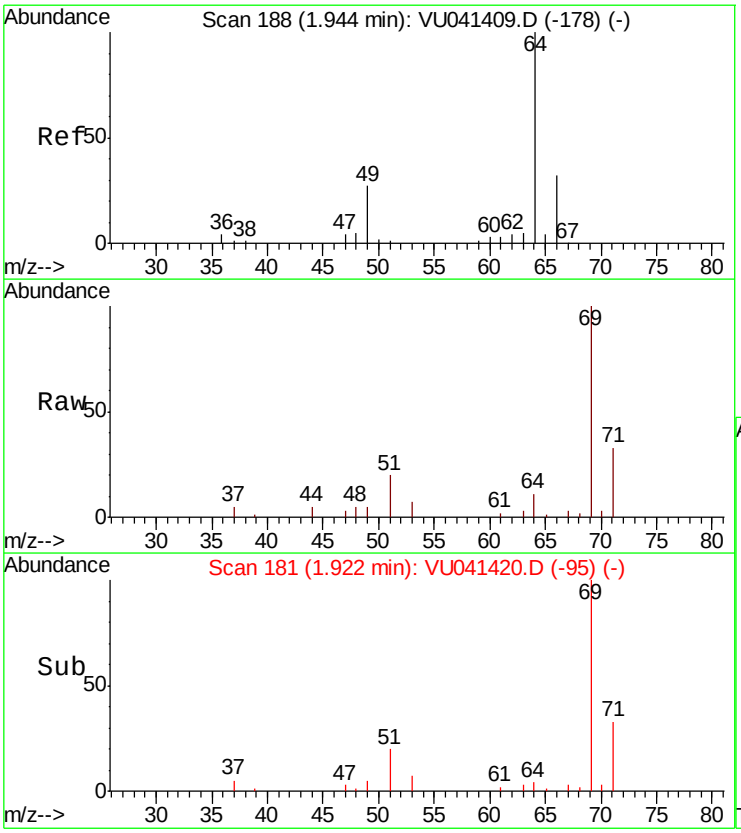
#5
Vinyl chloride
Concen: 0.396 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument :
MSVOA_U
ClientSampleId :
H4412DL

Tgt Ion: 62 Resp: 2066

Ion	Ratio	Lower	Upper
62	100		
64	70.0	23.8	44.2#

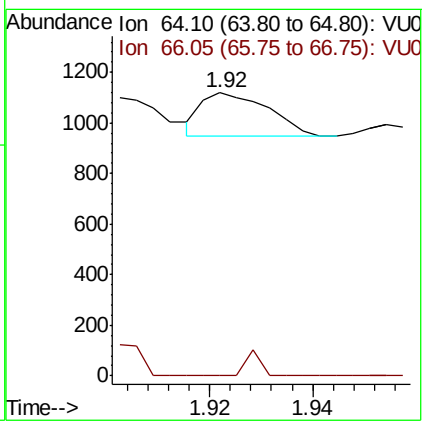


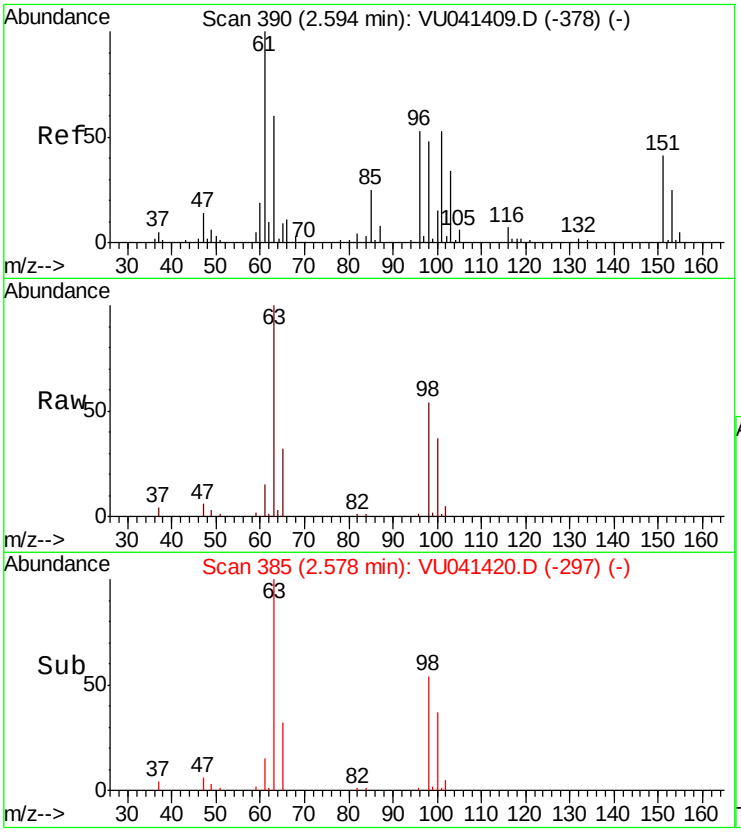


#8
Chloroethane
Concen: 0.052 ug/L
RT: 1.92 min Scan# 181
Delta R.T. -0.02 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 64 Resp: 154

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	45.8#



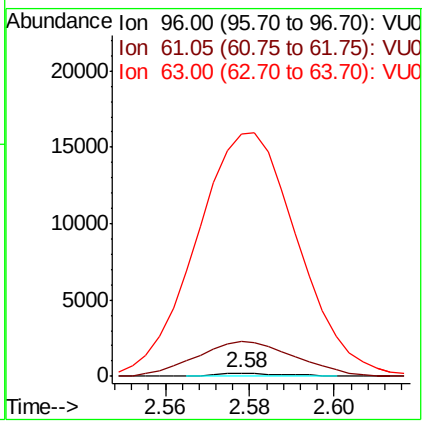


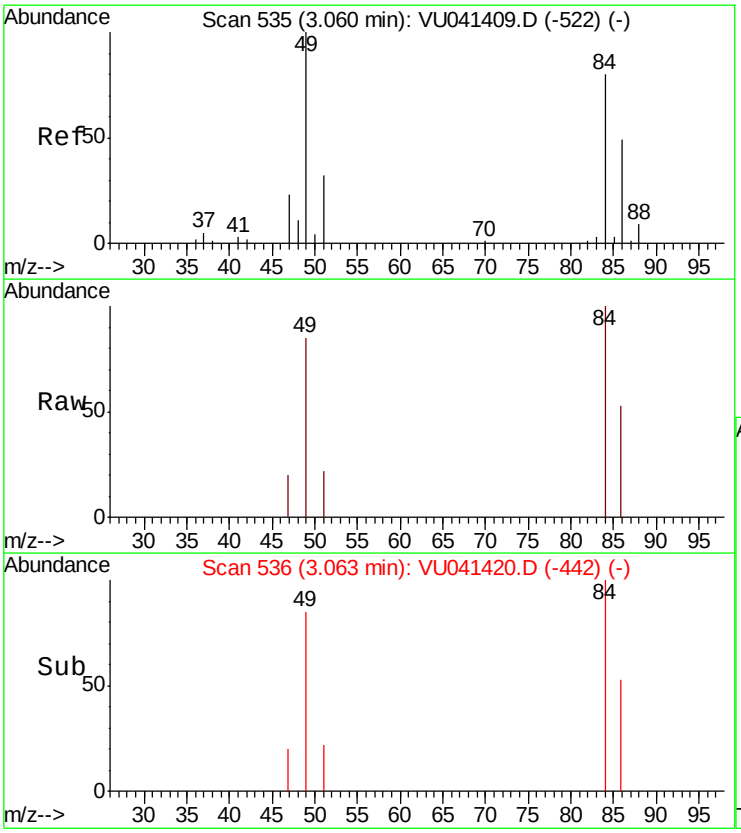
#12
1,1-Dichloroethene
Concen: 0.059 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument : MSVOA_U
ClientSampleId : H4412DL

Tgt Ion: 96 Resp: 217

Ion	Ratio	Lower	Upper
96	100		
61	1143.1	129.8	241.2#
63	7800.5	79.2	147.0#

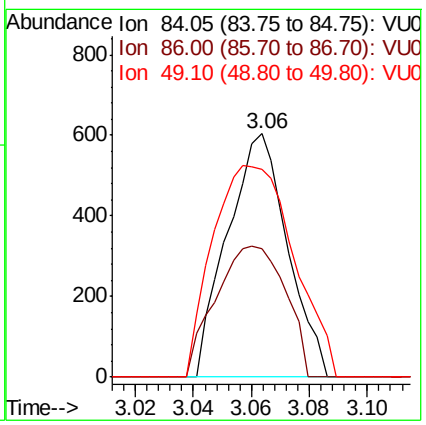


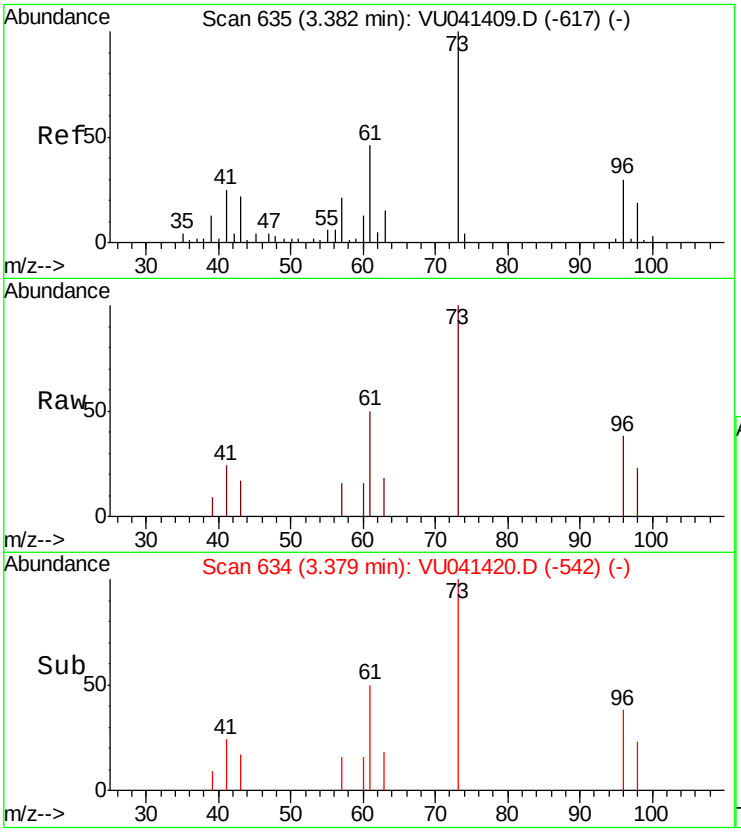


#16
Methylene chloride
Concen: 0.165 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 84 Resp: 867

Ion	Ratio	Lower	Upper
84	100		
86	52.8	44.4	82.5
49	85.3	89.9	167.0#



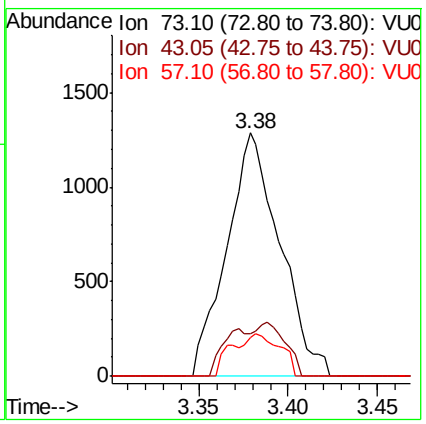


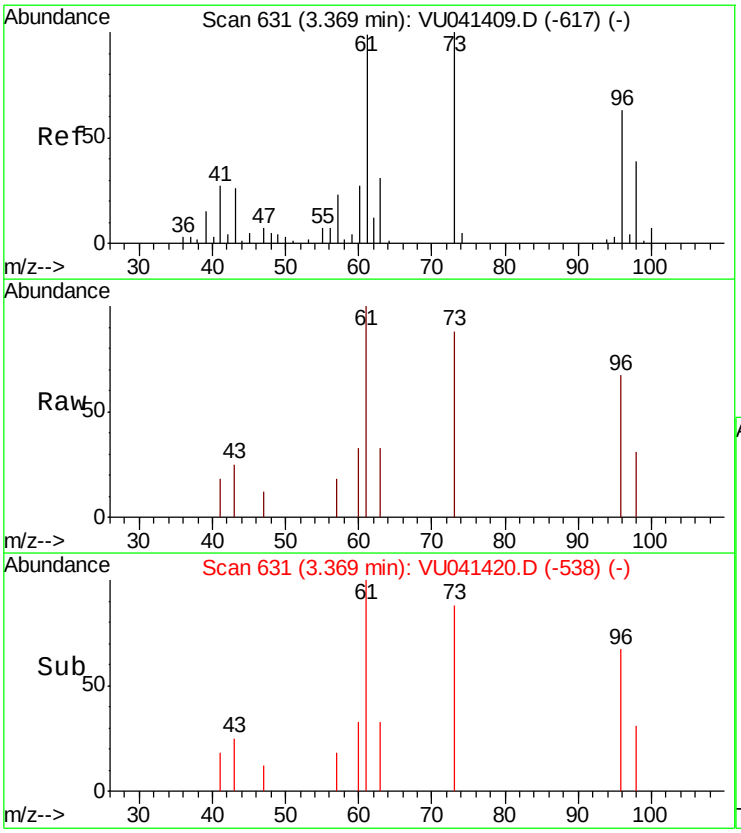
#17
Methyl tert-butyl Ether
Concen: 0.291 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument : MSVOA_U
ClientSampleId : H4412DL

Tgt Ion: 73 Resp: 2664

Ion	Ratio	Lower	Upper
73	100		
43	12.6	18.3	27.5#
57	15.8	17.7	26.5#

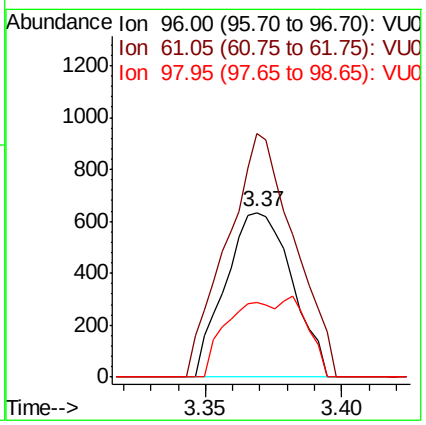


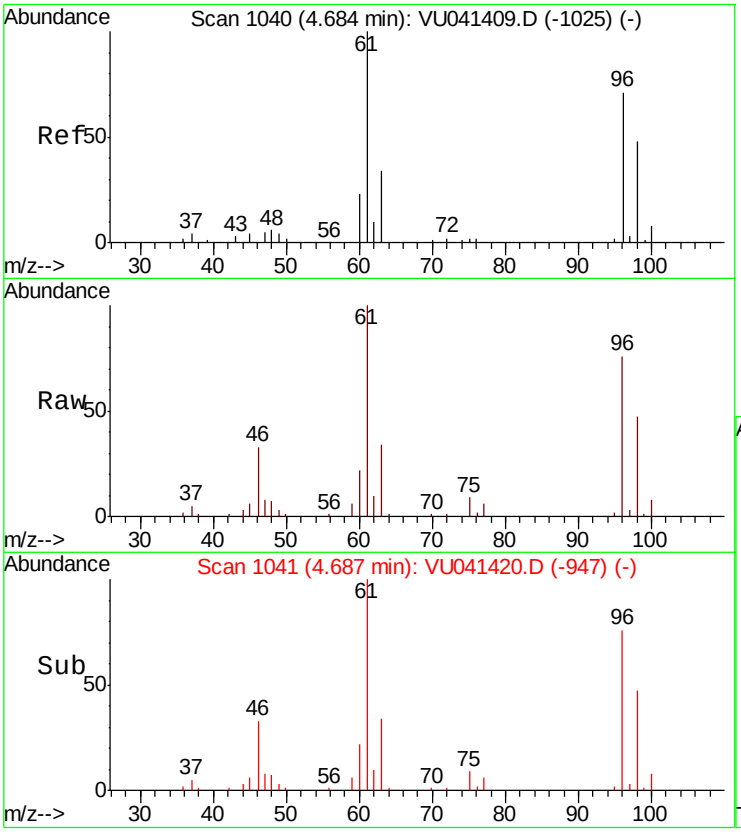


#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 96 Resp: 1070

Ion	Ratio	Lower	Upper
96	100		
61	148.2	103.7	192.5
98	45.8	47.5	88.3#



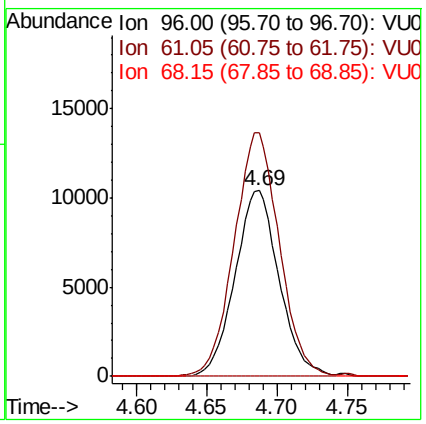


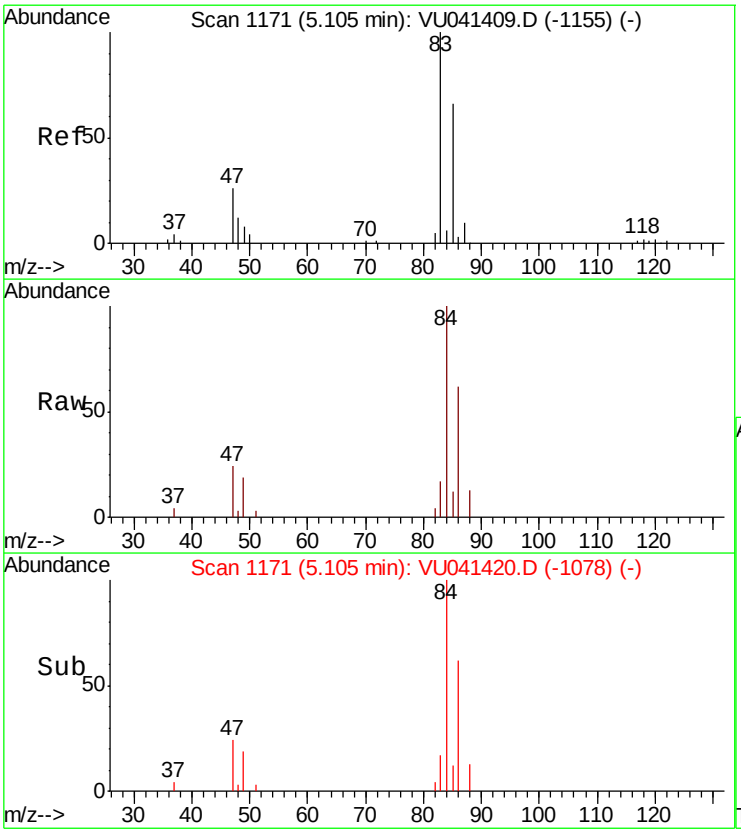
#22
cis-1,2-Dichloroethene
Concen: 5.378 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument : MSVOA_U
ClientSampleId : H4412DL

Tgt Ion: 96 Resp: 22790

Ion	Ratio	Lower	Upper
96	100		
61	130.9	95.3	176.9
68	0.0	0.0	0.0

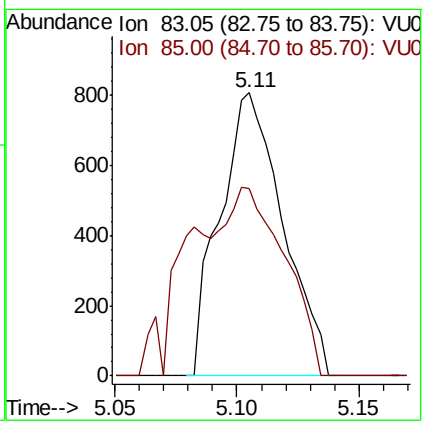


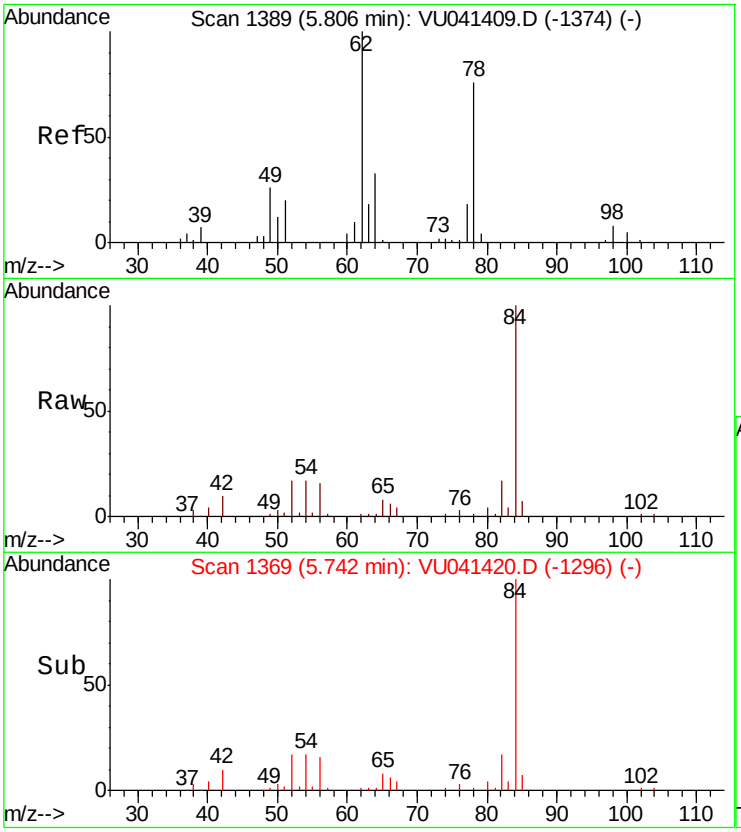


#25
Chloroform
Concen: 0.166 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 83 Resp: 1446

Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.7	82.9



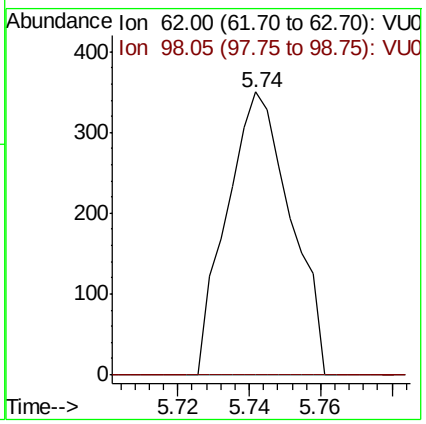


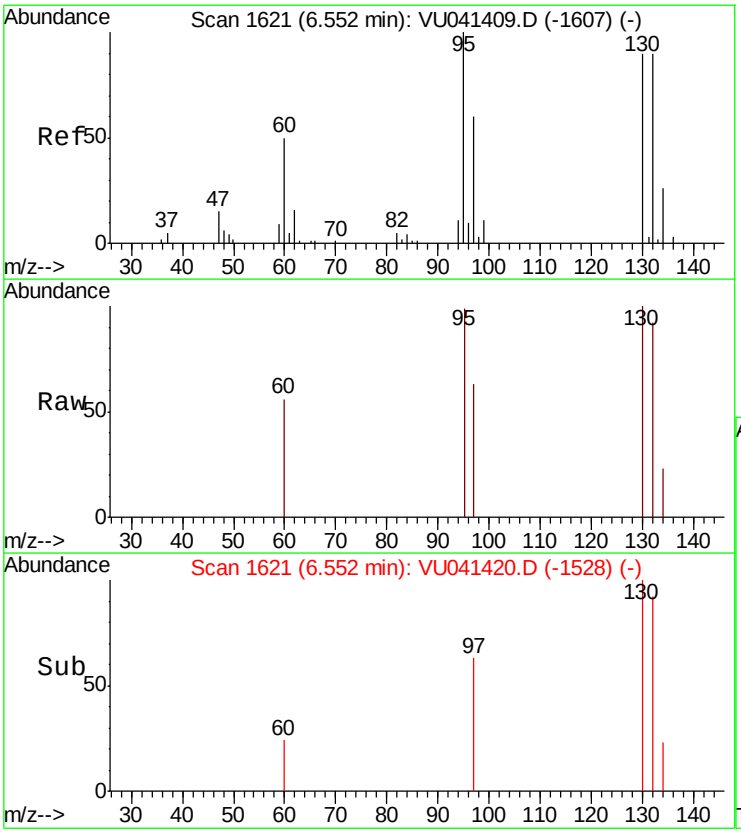
#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument : MSVOA_U
ClientSampleId : H4412DL

Tgt Ion: 62 Resp: 431

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.0	9.0#

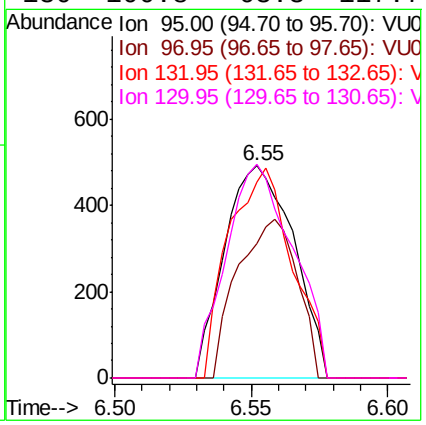


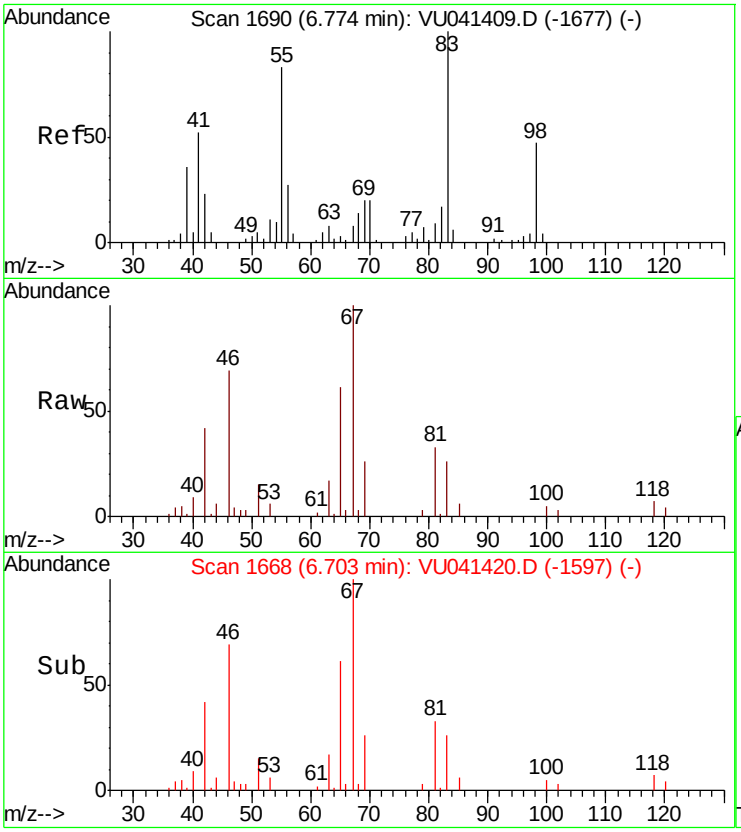


#34
Trichloroethene
Concen: 0.190 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 95 Resp: 863

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.5	86.5
132	92.7	60.8	113.0
130	100.8	63.3	117.7



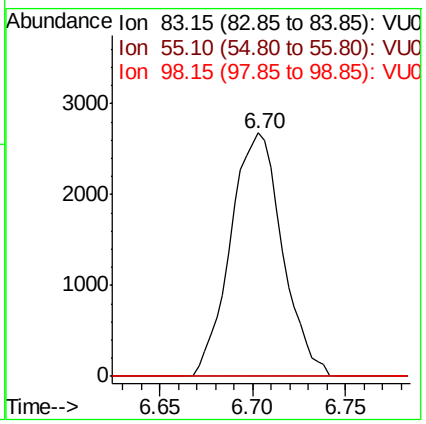


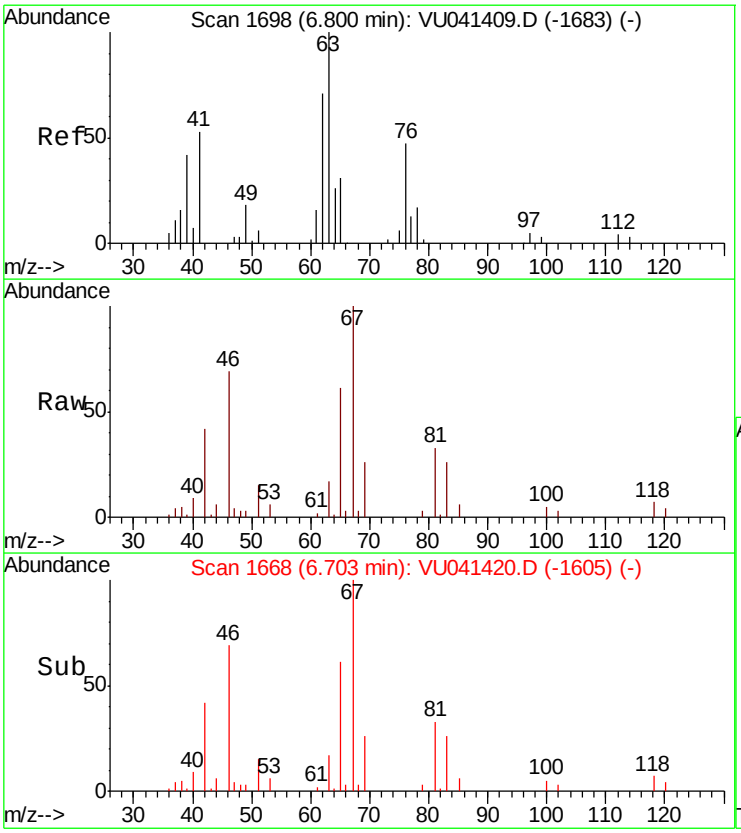
#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument : MSVOA_U
ClientSampleId : H4412DL

Tgt Ion: 83 Resp: 5192

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	0.0	36.5	54.7#

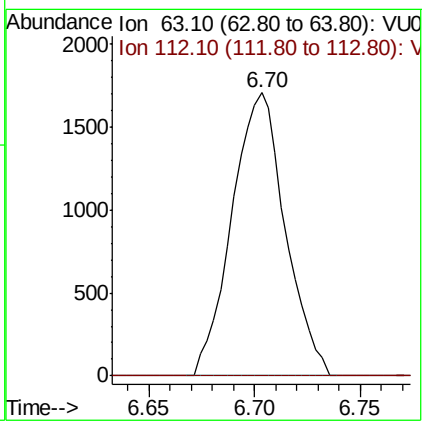


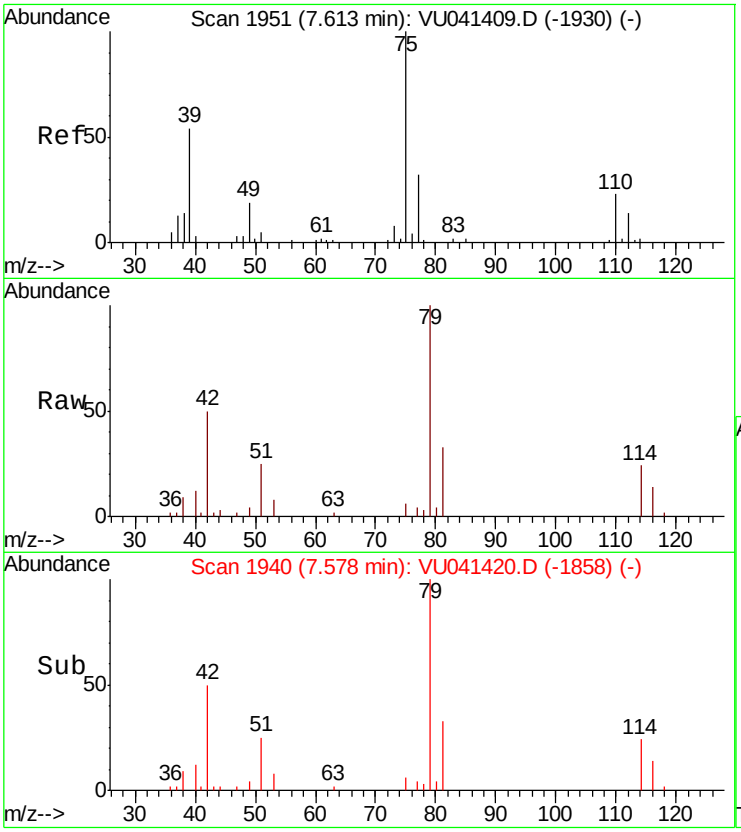


#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 63 Resp: 2992

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#



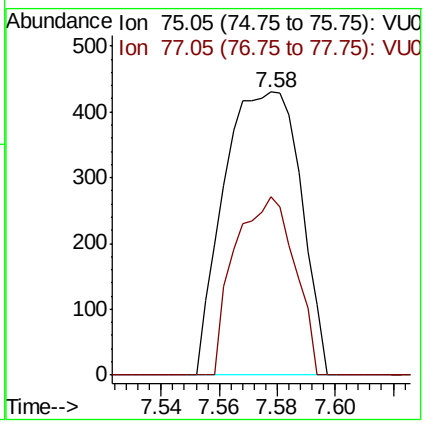


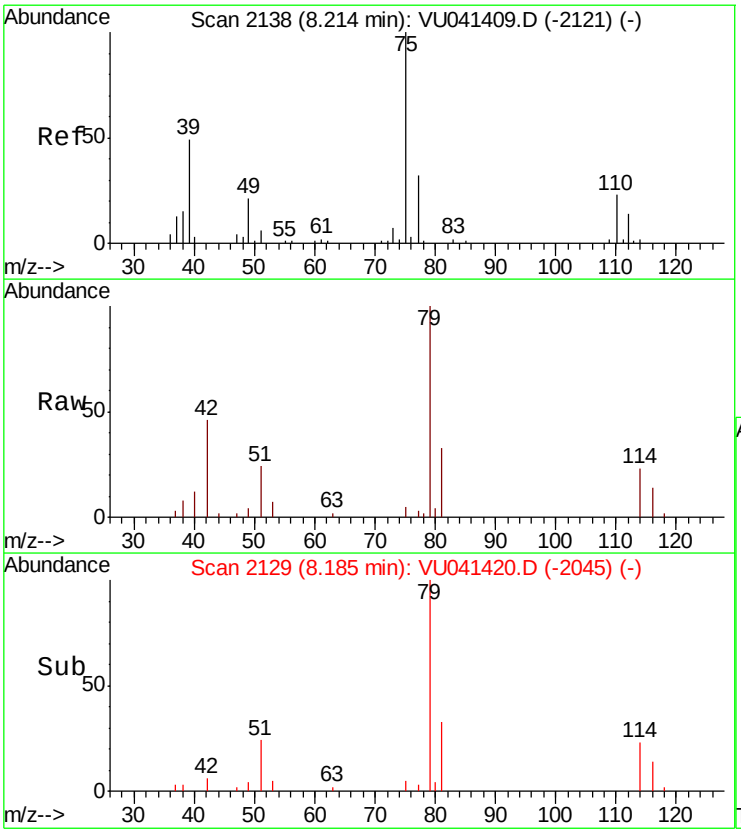
#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument : MSVOA_U
ClientSampleId : H4412DL

Tgt Ion: 75 Resp: 788

Ion	Ratio	Lower	Upper
75	100		
77	63.0	22.1	41.1#

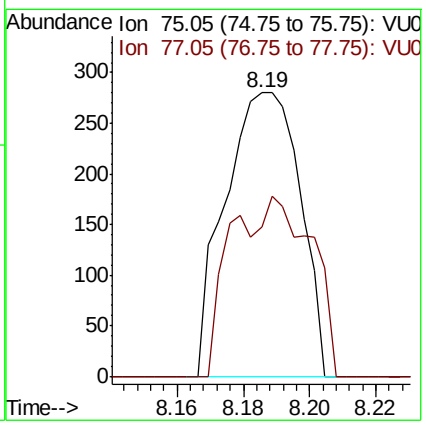


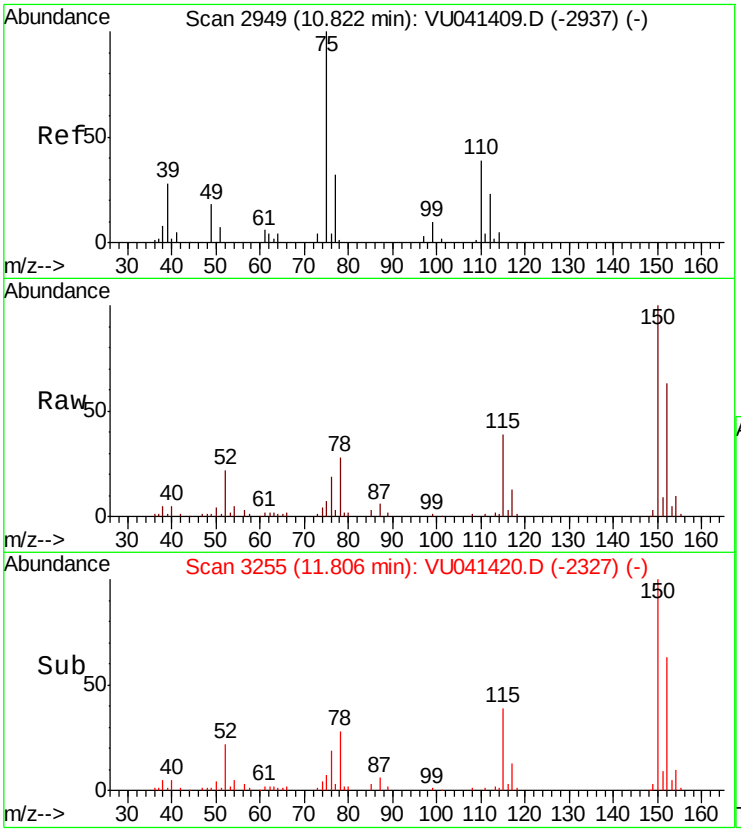


#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 75 Resp: 440

Ion	Ratio	Lower	Upper
75	100		
77	52.5	21.7	40.3#





#59
1,2,3-Trichloropropane
Concen: 0.991 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Instrument :
MSVOA_U
ClientSampleId :
H4412DL

Tgt Ion: 75 Resp: 2966

Ion	Ratio	Lower	Upper
75	100		
77	43.3	25.1	37.7#