Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112420\
Data File : VU041411.D
Acq On : 24 Nov 2020 12:10
Operator : SY/MD
Sample : L4849-01DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4392DL

Quant Time: Nov 25 07:38:26 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	65257	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30521	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20299	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.92	69	15915	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.58	63	34611	3.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	4.65	46	77883	66.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 133.32%#			
24) Chloroform-d	5.08	84	45281	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.72	65	30984	5.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.80%			
32) Benzene-d6	5.74	84	82055	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.70	67	23912	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.90	98	70491	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	8.18	79	12232	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
46) 2-Hexanone-d5	8.64	63	49134	62.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.98%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22306	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27458	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	4940	0.866	ug/L	92
12) 1,1-Dichloroethene	2.58	96	335	0.083	ug/L #	1
16) Methylene chloride	3.06	84	1094	0.191	ug/L	80
17) Methyl tert-butyl Ether	3.38	73	4723	0.472	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2048	0.470	ug/L	95
19) 1,1-Dichloroethane	3.89	63	802	0.093	ug/L #	49
22) cis-1,2-Dichloroethene	4.68	96	51183	11.045	ug/L	96
25) Chloroform	5.11	83	2514	0.264	ug/L	99
27) 1,2-Dichloroethane	5.75	62	531	0.086	ug/L #	78
34) Trichloroethene	6.55	95	7826	1.576	ug/L	95
35) Methylcyclohexane	6.70	83	6230	0.860	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3250	0.649	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	911	0.132	ug/L	92
44) trans-1,3-Dichloropropene	8.18	75	511	0.081	ug/L #	49
48) 2-Hexanone	8.69	43	1258	0.558	ug/L #	84
59) 1,2,3-Trichloropropane	11.81	75	3687	1.128	ug/L #	79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112420\
Data File : VU041411.D
Acq On : 24 Nov 2020 12:10
Operator : SY/MD
Sample : L4849-01DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4392DL

Quant Time: Nov 25 07:38:26 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 : VU041411.D
Acq On : 24 Nov 2020 12:10
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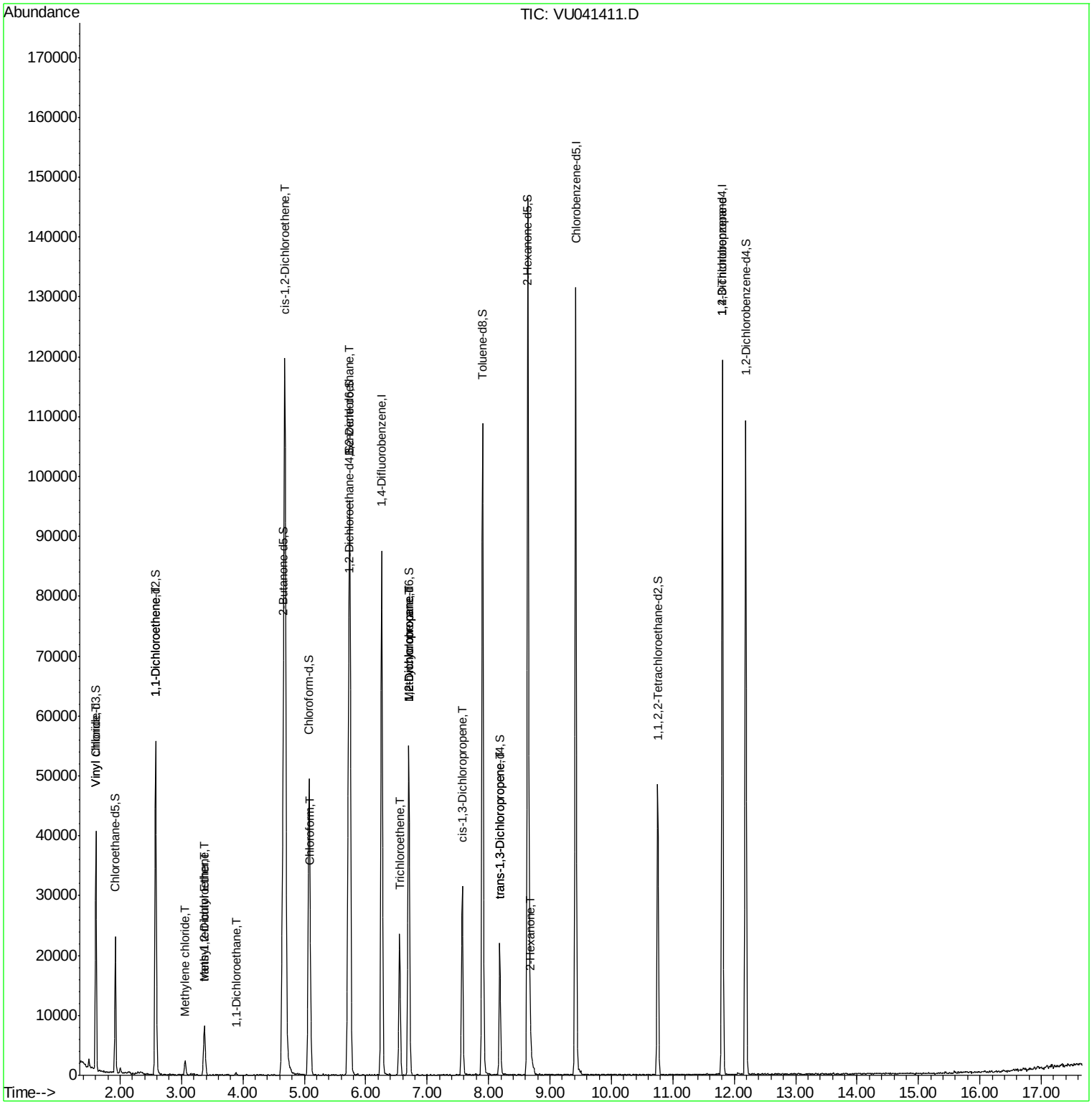
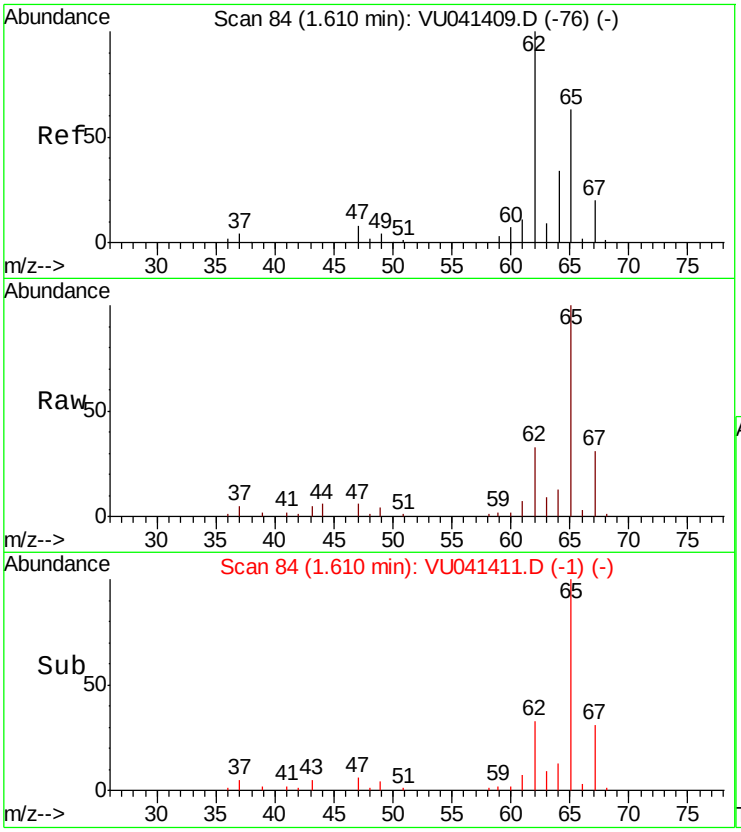
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration



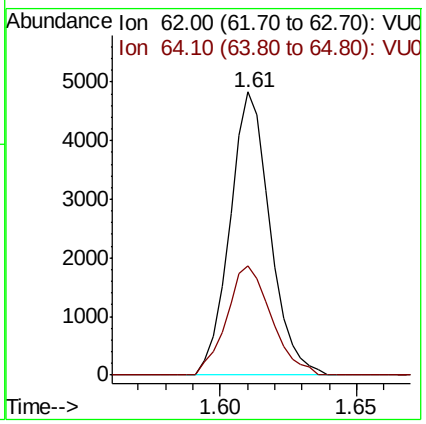


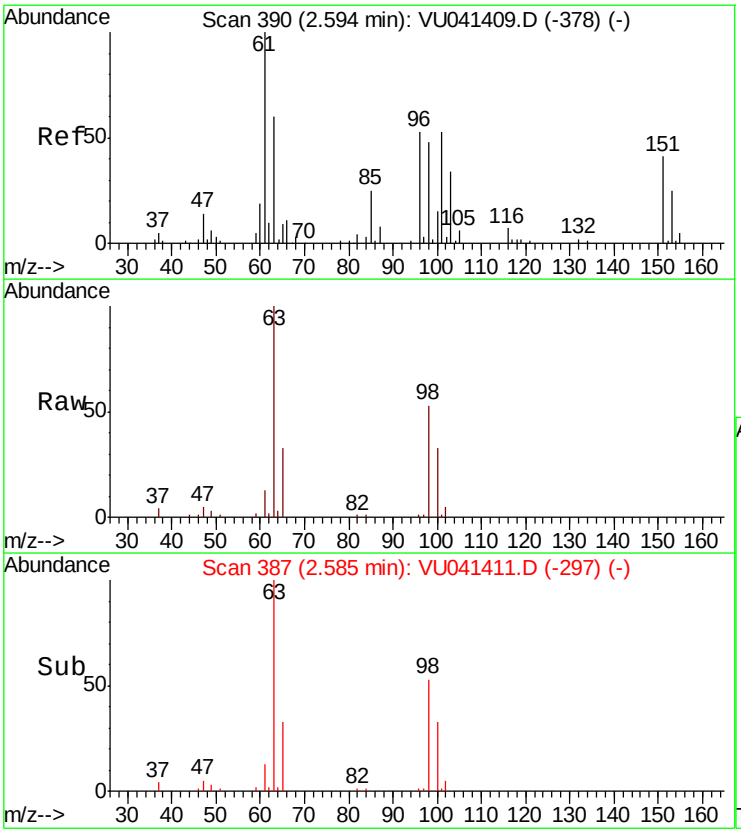
#5
Vinyl chloride
Concen: 0.866 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument : MSVOA_U
ClientSampleId : H4392DL

Tgt Ion: 62 Resp: 4940

Ion	Ratio	Lower	Upper
62	100		
64	38.8	23.8	44.2

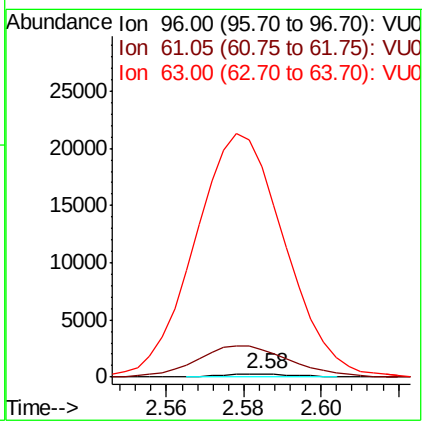


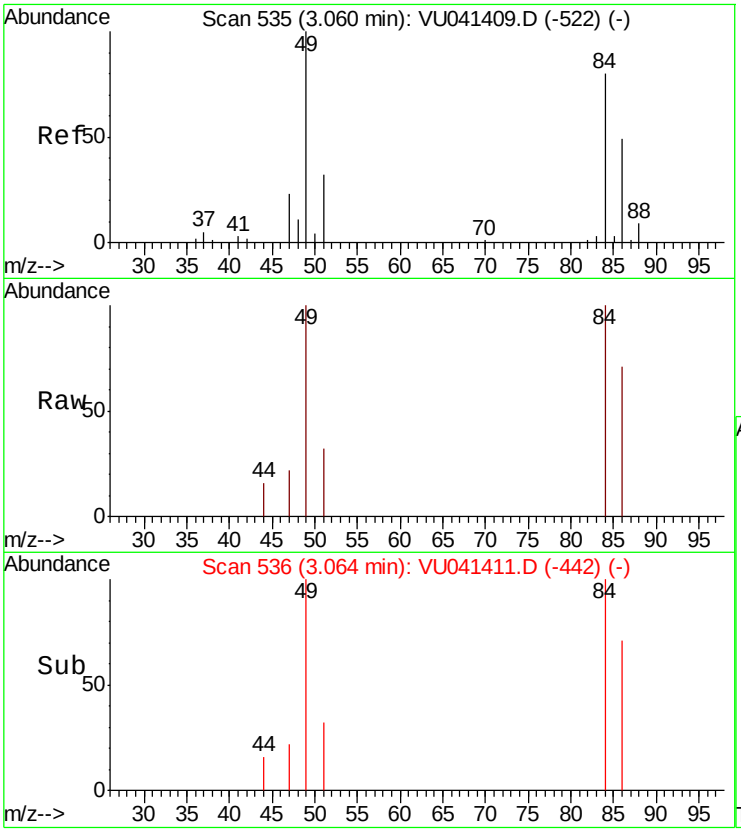


#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 96 Resp: 335

Ion	Ratio	Lower	Upper
96	100		
61	891.2	129.8	241.2#
63	6739.9	79.2	147.0#



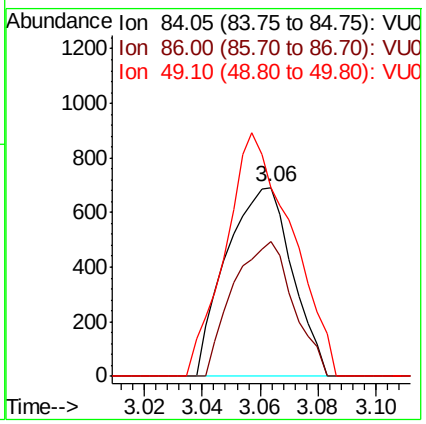


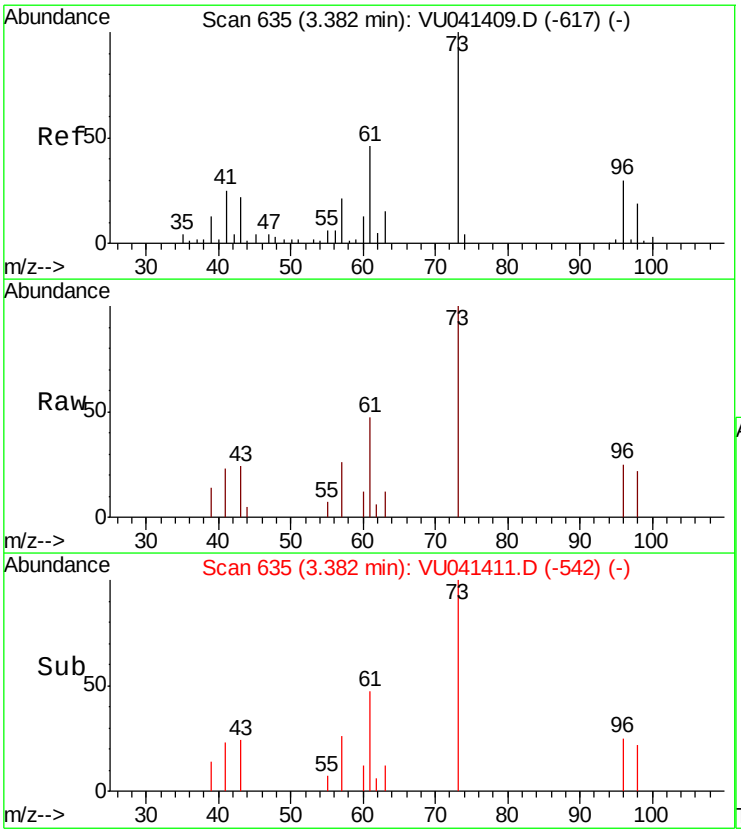
#16
Methylene chloride
Concen: 0.191 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument : MSVOA_U
ClientSampleId : H4392DL

Tgt Ion: 84 Resp: 1094

Ion	Ratio	Lower	Upper
84	100		
86	71.5	44.4	82.5
49	99.7	89.9	167.0

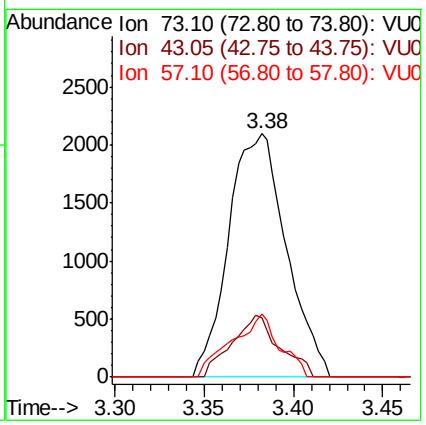


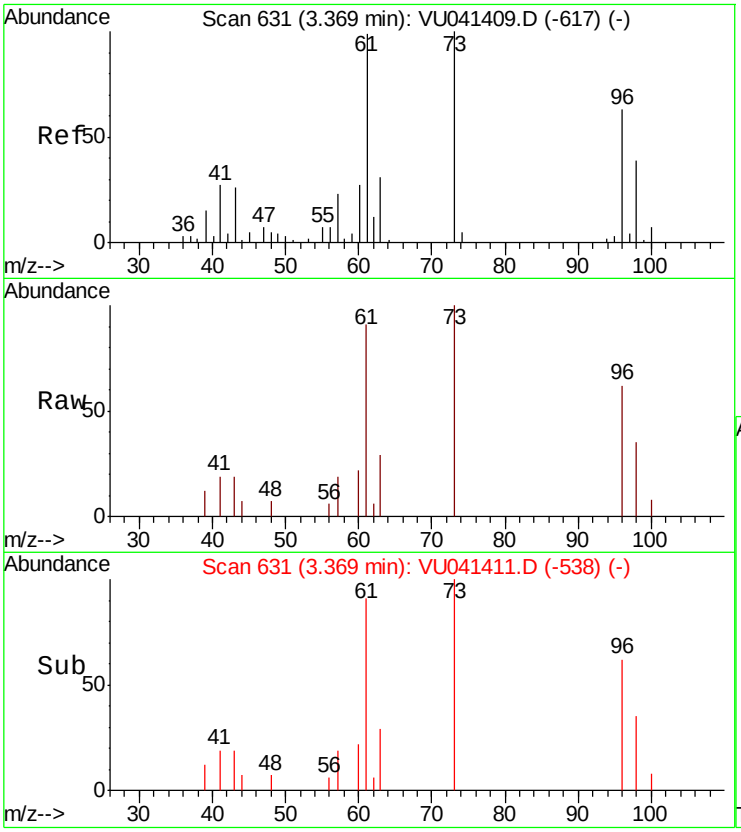


#17
Methyl tert-butyl Ether
Concen: 0.472 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 73 Resp: 4723

Ion	Ratio	Lower	Upper
73	100		
43	20.8	18.3	27.5
57	21.5	17.7	26.5



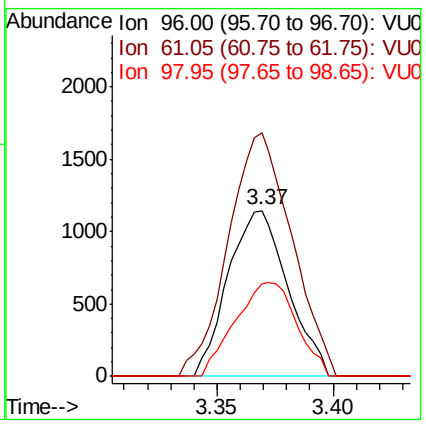


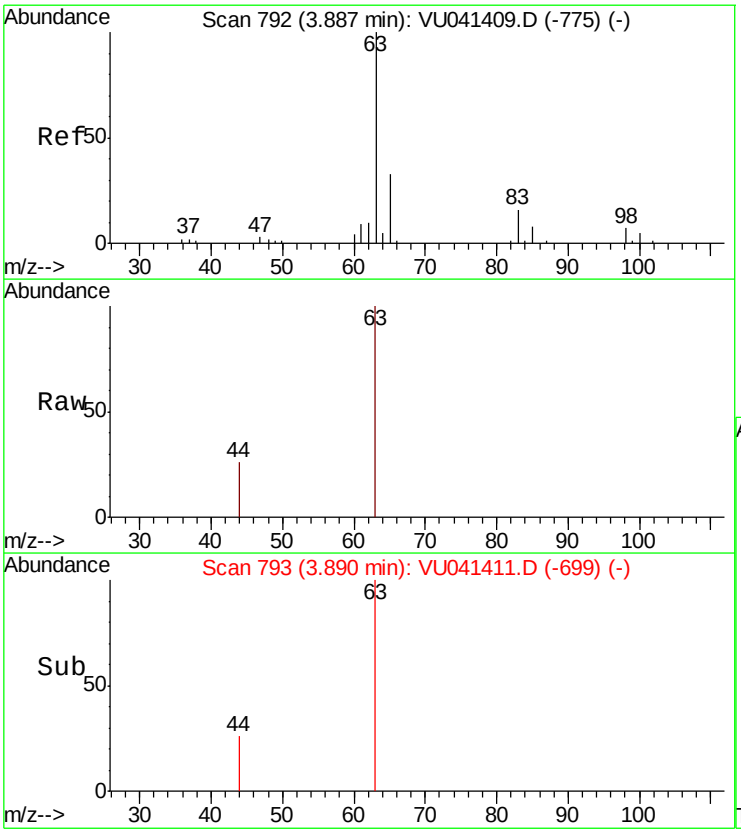
#18
trans-1,2-Dichloroethene
Concen: 0.470 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument : MSVOA_U
ClientSampleId : H4392DL

Tgt Ion: 96 Resp: 2048

Ion	Ratio	Lower	Upper
96	100		
61	146.9	103.7	192.5
98	56.2	47.5	88.3

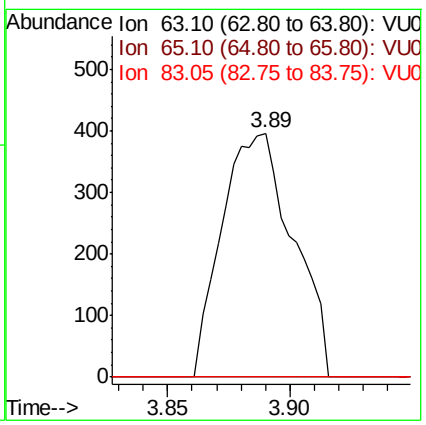


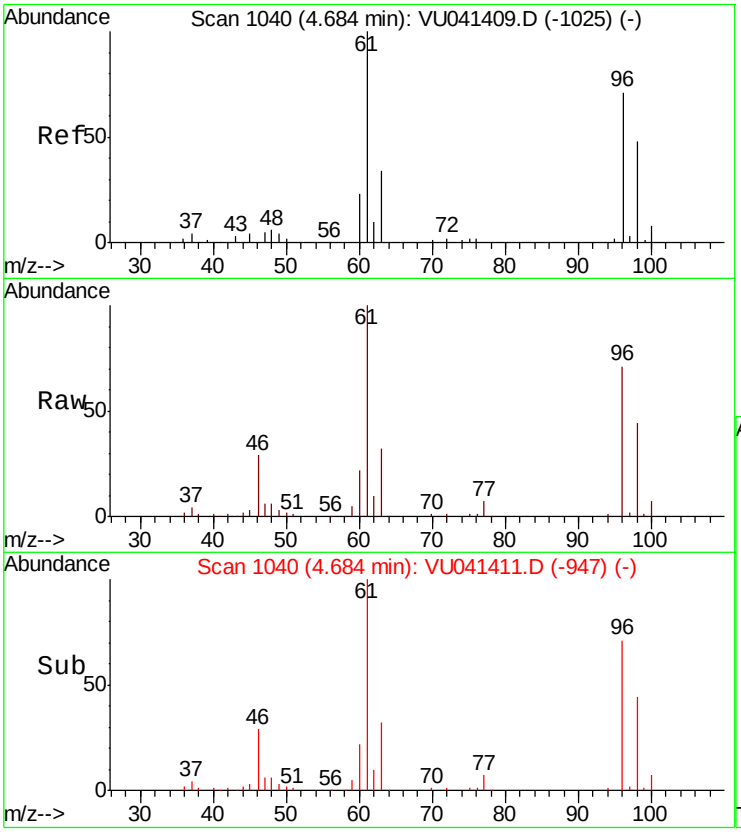


#19
1,1-Dichloroethane
Concen: 0.093 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 63 Resp: 802

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.0	42.8#
83	0.0	9.4	17.4#



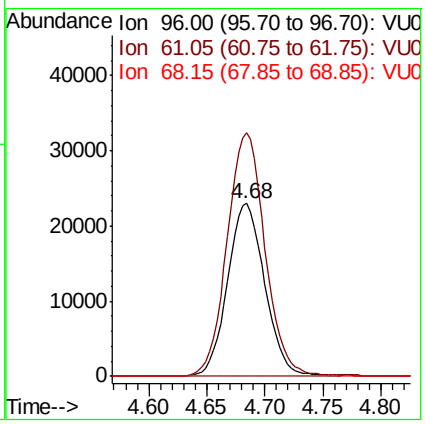


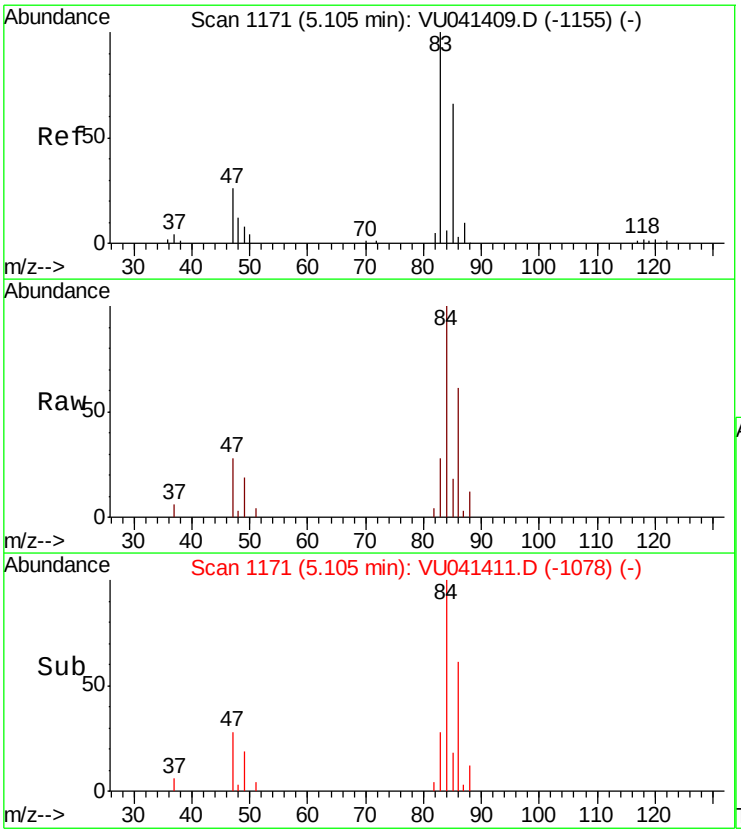
#22
cis-1,2-Dichloroethene
Concen: 11.045 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument : MSVOA_U
ClientSampleId : H4392DL

Tgt Ion: 96 Resp: 51183

Ion	Ratio	Lower	Upper
96	100		
61	141.1	95.3	176.9
68	0.0	0.0	0.0

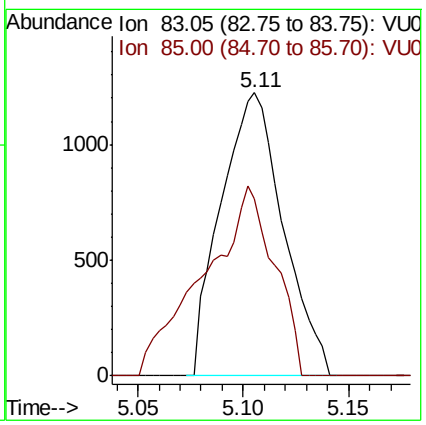


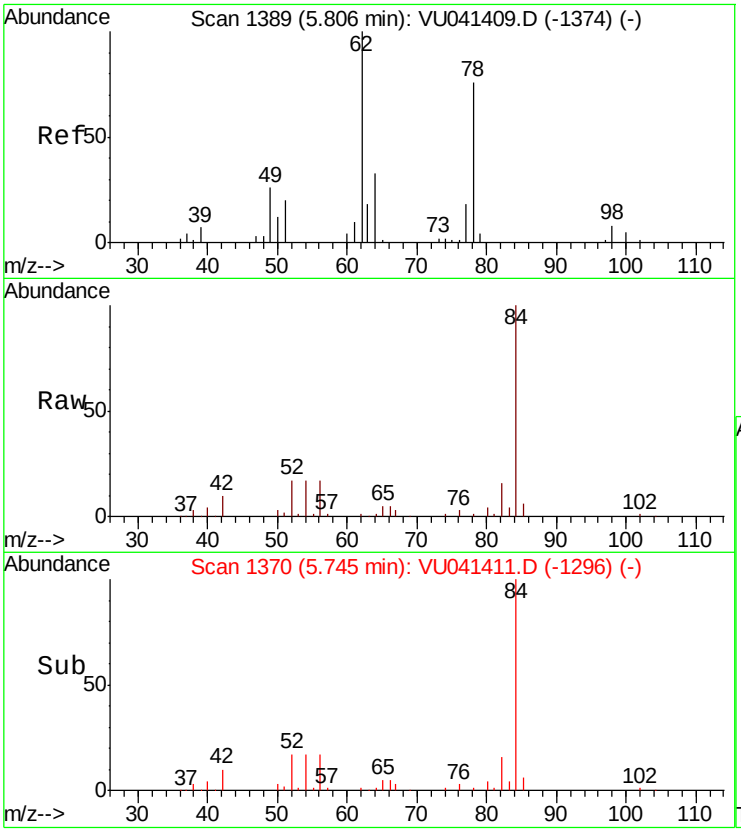


#25
Chloroform
Concen: 0.264 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 83 Resp: 2514

Ion	Ratio	Lower	Upper
83	100		
85	62.6	44.7	82.9



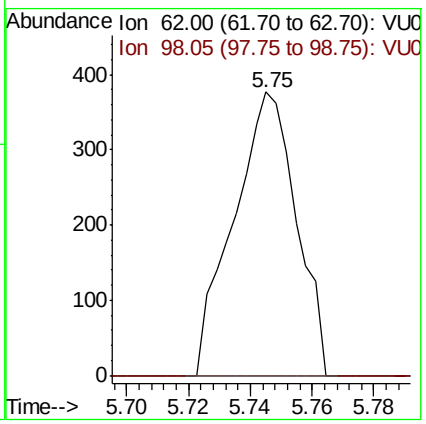


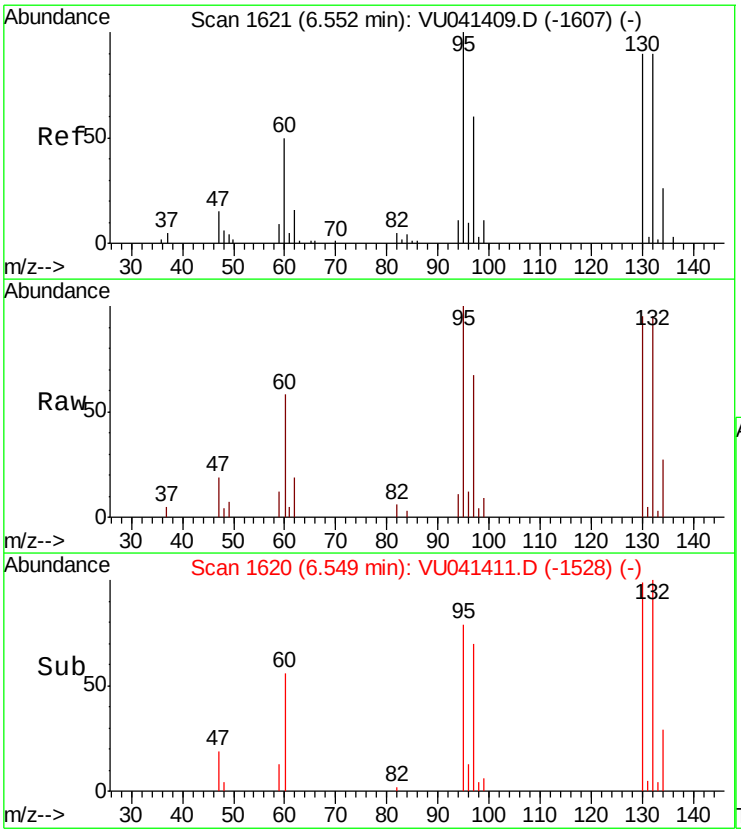
#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument : MSVOA_U
ClientSampleId : H4392DL

Tgt Ion: 62 Resp: 531

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.0	9.0#

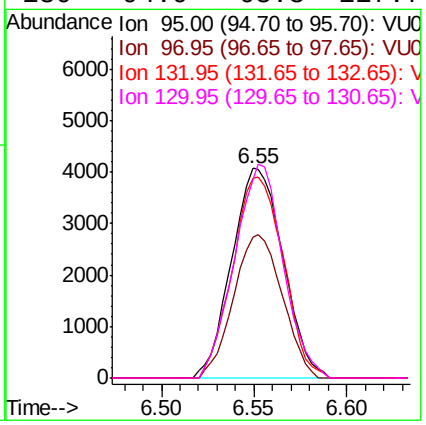


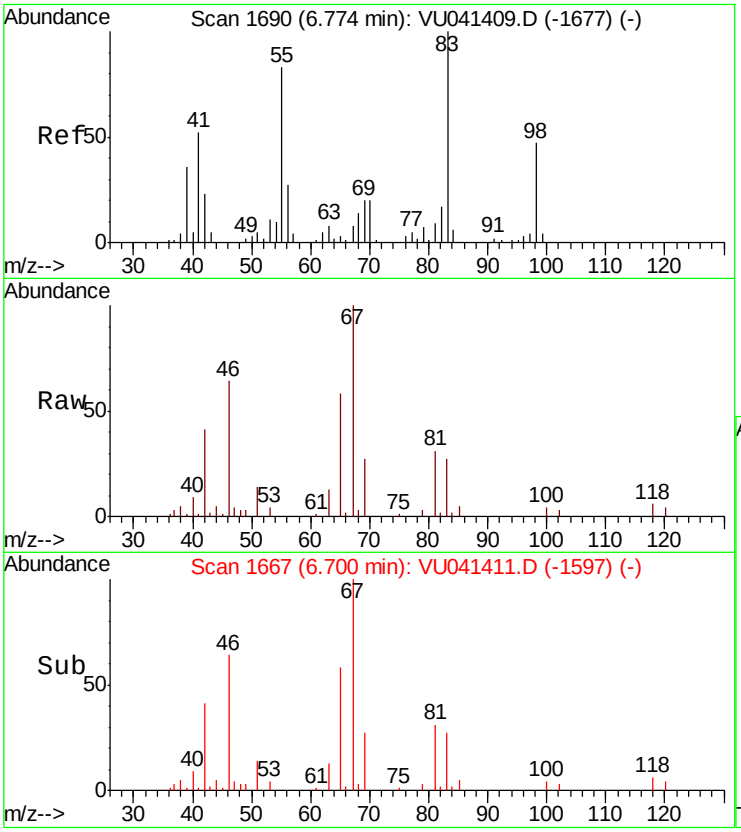


#34
Trichloroethene
Concen: 1.576 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 95 Resp: 7826

Ion	Ratio	Lower	Upper
95	100		
97	66.9	46.5	86.5
132	95.4	60.8	113.0
130	94.9	63.3	117.7



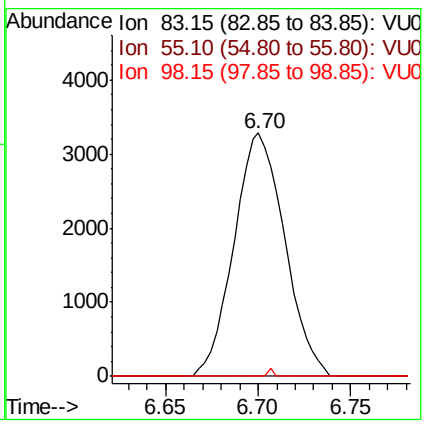


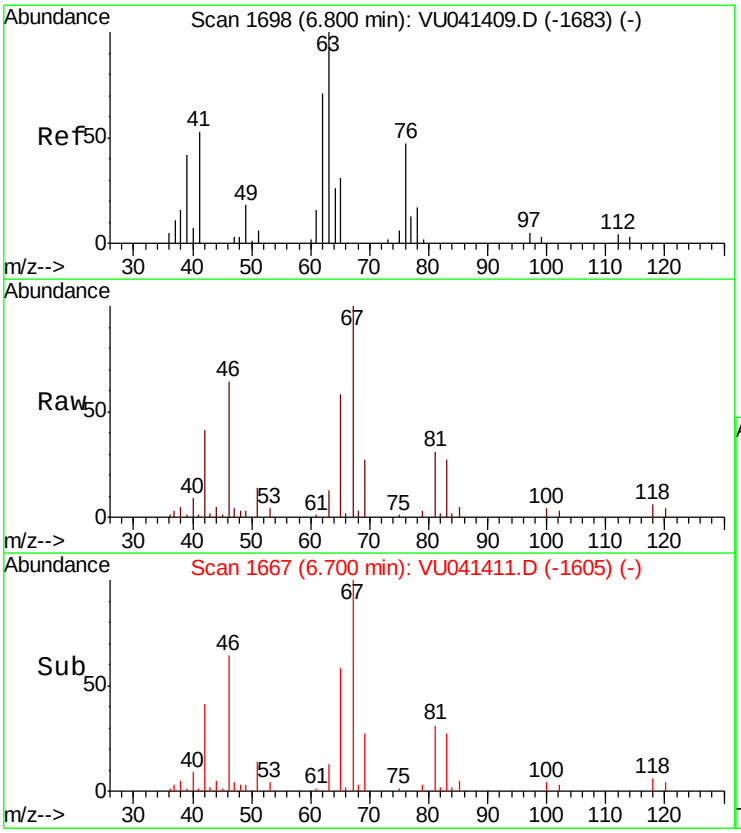
#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument : MSVOA_U
ClientSampleId : H4392DL

Tgt Ion: 83 Resp: 6230

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	0.3	36.5	54.7#

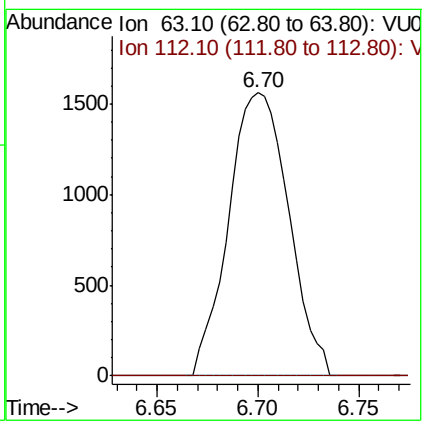


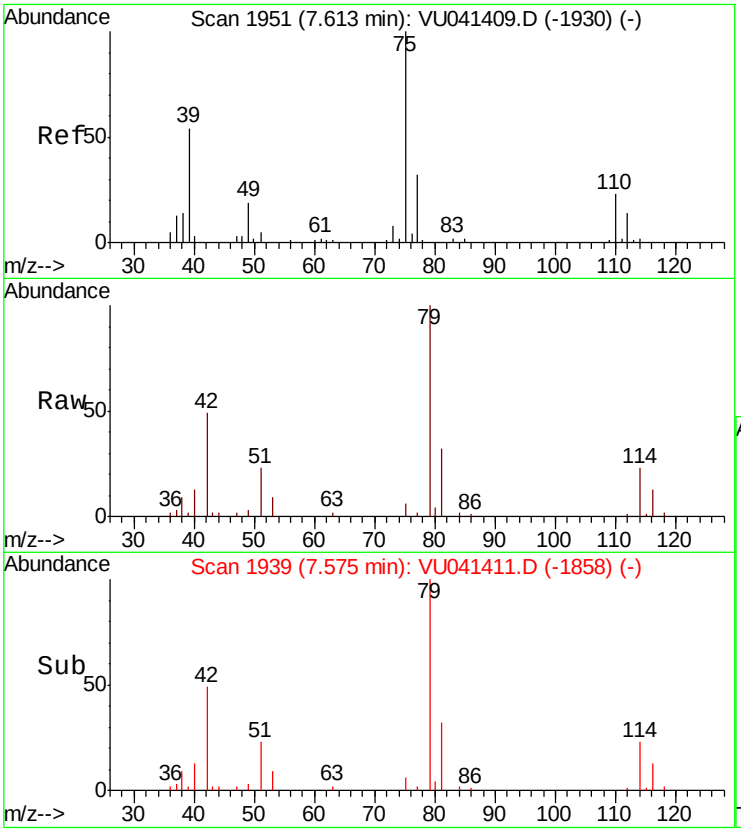


#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 63 Resp: 3250

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#



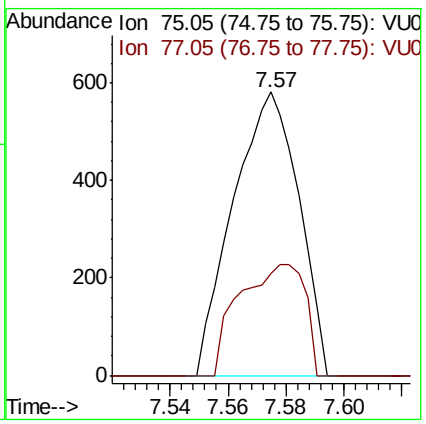


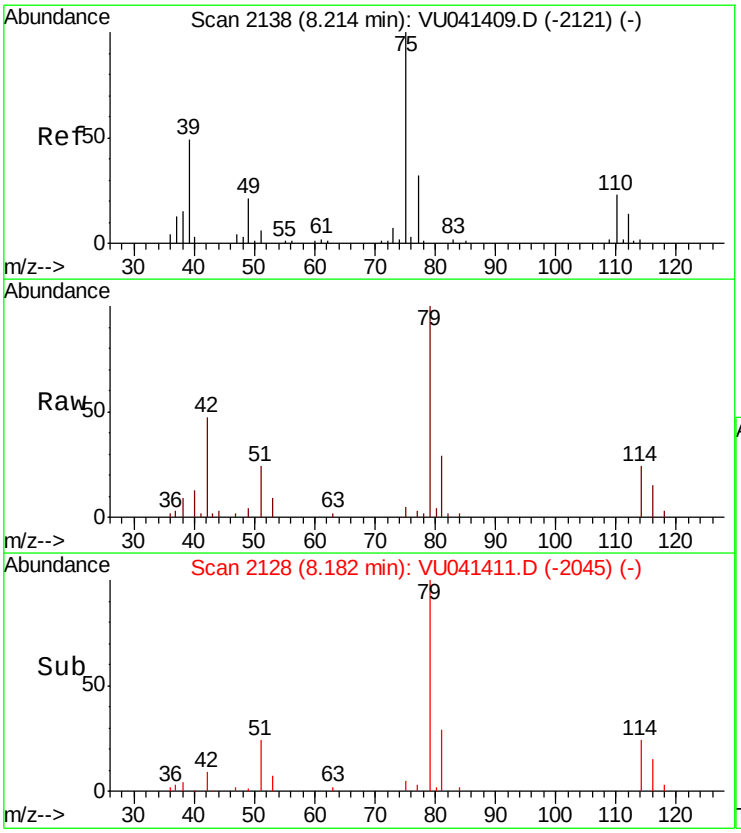
#39
cis-1,3-Dichloropropene
Concen: 0.132 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument :
MSVOA_U
ClientSampleId :
H4392DL

Tgt Ion: 75 Resp: 911

Ion	Ratio	Lower	Upper
75	100		
77	36.1	22.1	41.1

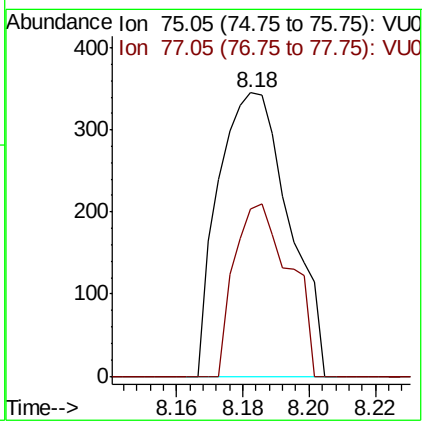


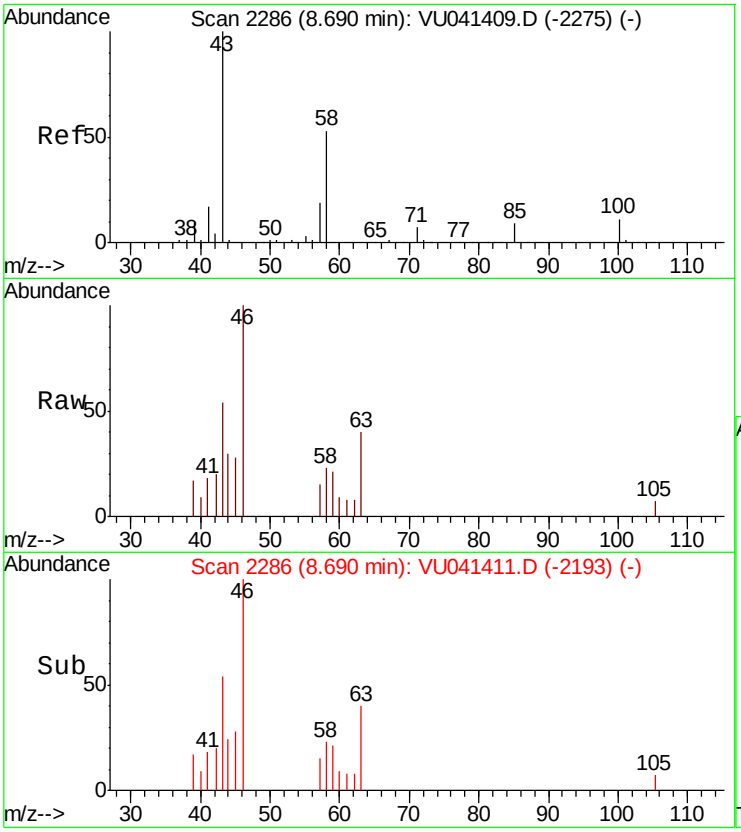


#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 75 Resp: 511

Ion	Ratio	Lower	Upper
75	100		
77	58.8	21.7	40.3#



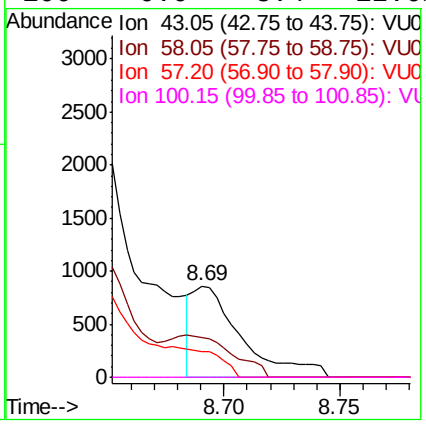


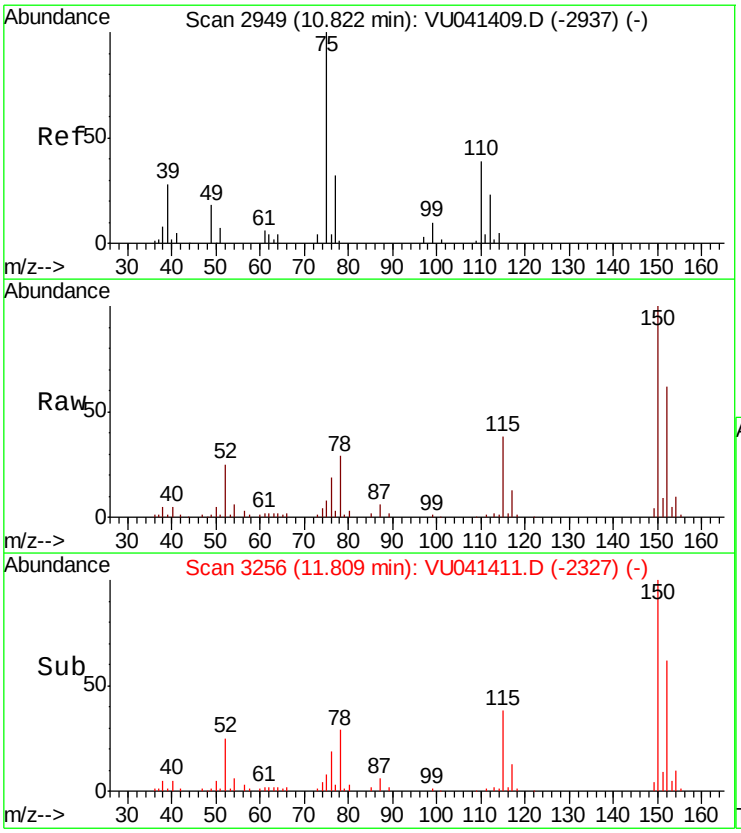
#48
2-Hexanone
Concen: 0.558 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument : MSVOA_U
ClientSampleId : H4392DL

Tgt Ion: 43 Resp: 1258

Ion	Ratio	Lower	Upper
43	100		
58	56.1	42.0	63.0
57	0.0	15.0	22.4#
100	0.0	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 1.128 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 75 Resp: 3687

Ion	Ratio	Lower	Upper
75	100		
77	43.2	25.1	37.7#