Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\

Quantitation Report (Not Reviewed)

Data File : VU041395.D
Acq On : 23 Nov 2020 18:15
Operator : SY/MD
Sample : L4849-03DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4406DL

Quant Time: Nov 24 01:55:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68201	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29893	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	22051	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.92	69	16437	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.58	63	36728	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.20%			
20) 2-Butanone-d5	4.66	46	65989	54.04	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.08%			
24) Chloroform-d	5.08	84	42363	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
26) 1,2-Dichloroethane-d4	5.72	65	28533	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.74	84	80887	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.70	67	27558	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	7.91	98	73234	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	8.19	79	11732	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.64	63	44086	55.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22949	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27377	5.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	3834	0.643	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	267	0.056	ug/L #	21
16) Methylene chloride	3.06	84	6025	1.004	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	1332	0.127	ug/L #	87
18) trans-1,2-Dichloroethene	3.37	96	1981	0.435	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	37339	7.709	ug/L	98
25) Chloroform	5.11	83	3126	0.314	ug/L	92
27) 1,2-Dichloroethane	5.75	62	276	0.043	ug/L #	78
34) Trichloroethene	6.55	95	5238	1.053	ug/L	92
35) Methylcyclohexane	6.70	83	6664	0.918	ug/L #	16
37) 1,2-Dichloropropane	6.70	63	3261	0.651	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	774	0.112	ug/L #	42
44) trans-1,3-Dichloropropene	8.19	75	668	0.106	ug/L	86
48) 2-Hexanone	8.64	43	6149	2.725	ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	3813	1.164	ug/L #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\

Quantitation Report (Not Reviewed)

Data File : VU041395.D
Acq On : 23 Nov 2020 18:15
Operator : SY/MD
Sample : L4849-03DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4406DL

Quant Time: Nov 24 01:55:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

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

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

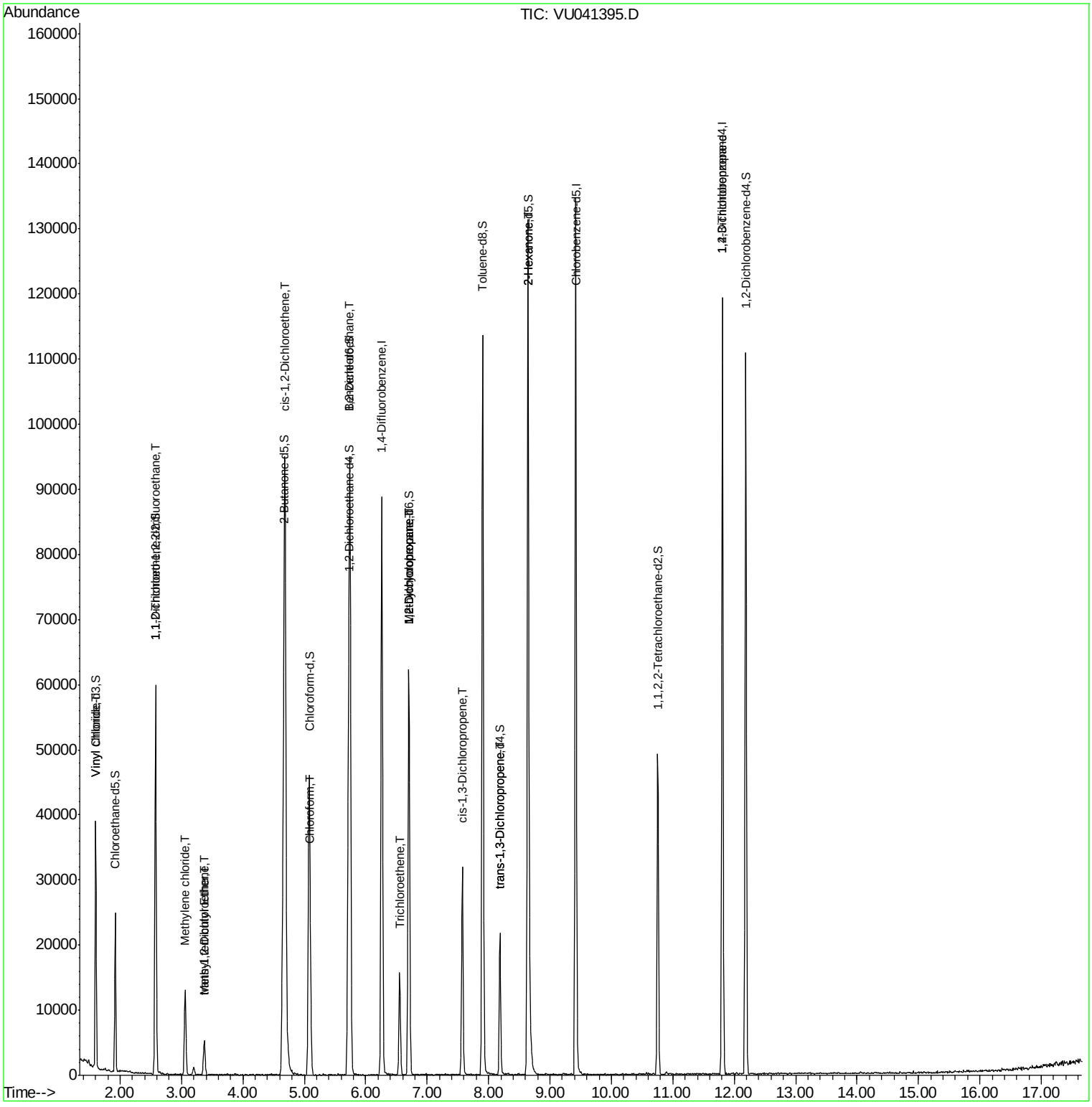
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\

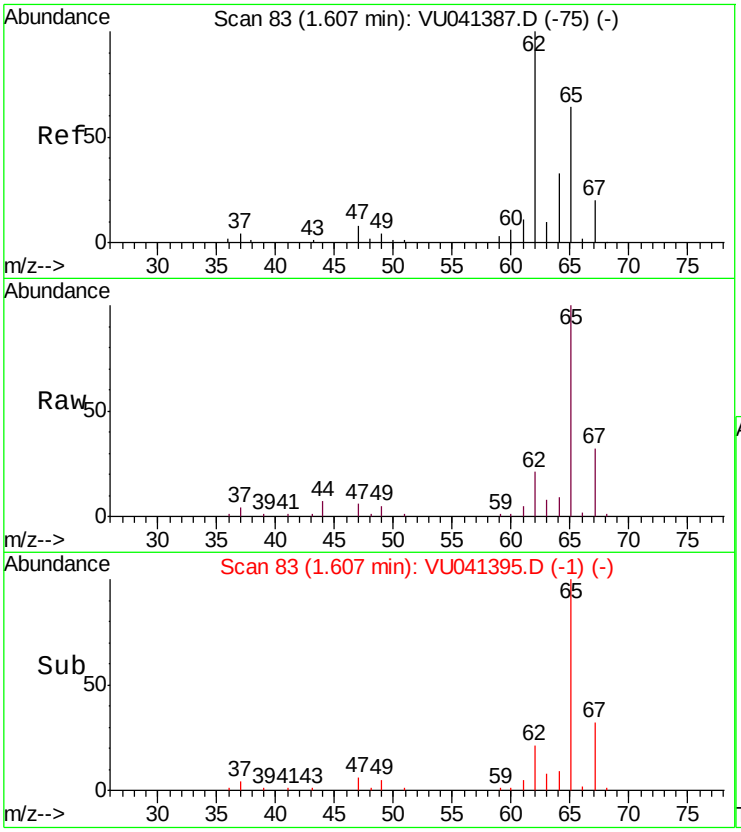
Quantitation Report (Not Reviewed)

Data File : VU041395.D
Acq On : 23 Nov 2020 18:15
Operator : SY/MD
Sample : L4849-03DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Quant Time: Nov 24 01:55:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration



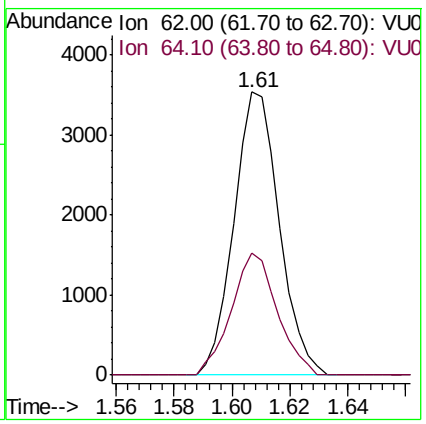


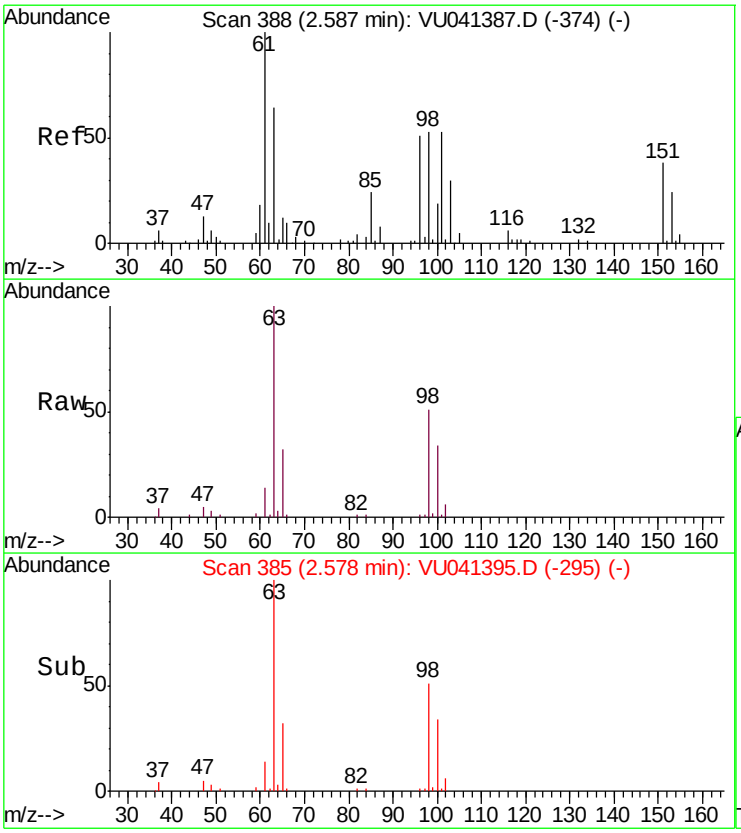
#5
Vinyl chloride
Concen: 0.643 ug/L
RT: 1.61 min Scan# 83
Delta R.T. 0.00 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 62 Resp: 3834

Ion	Ratio	Lower	Upper
62	100		
64	43.0	23.8	44.2

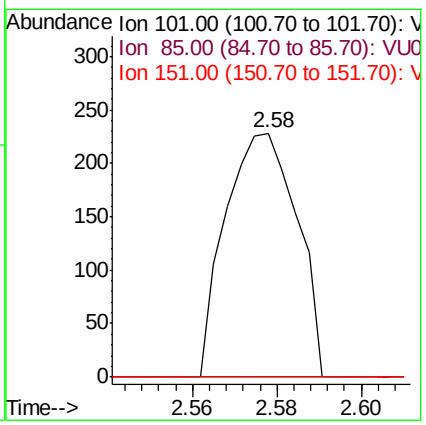


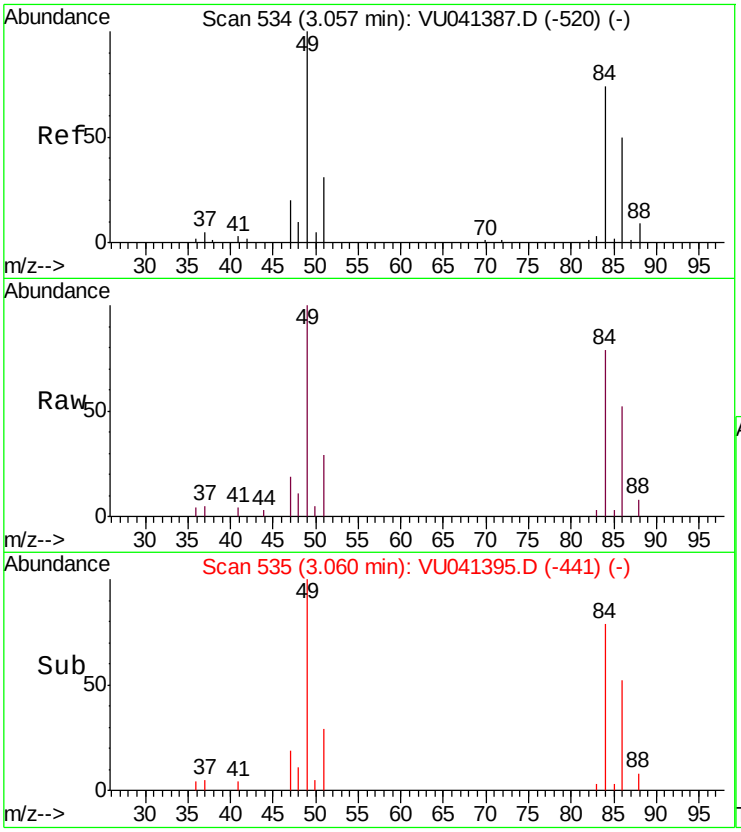


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion:101 Resp: 267

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.2	84.2#



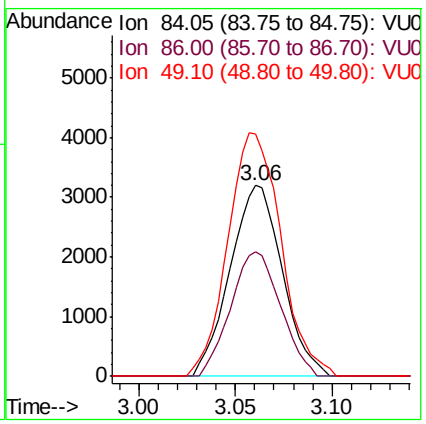


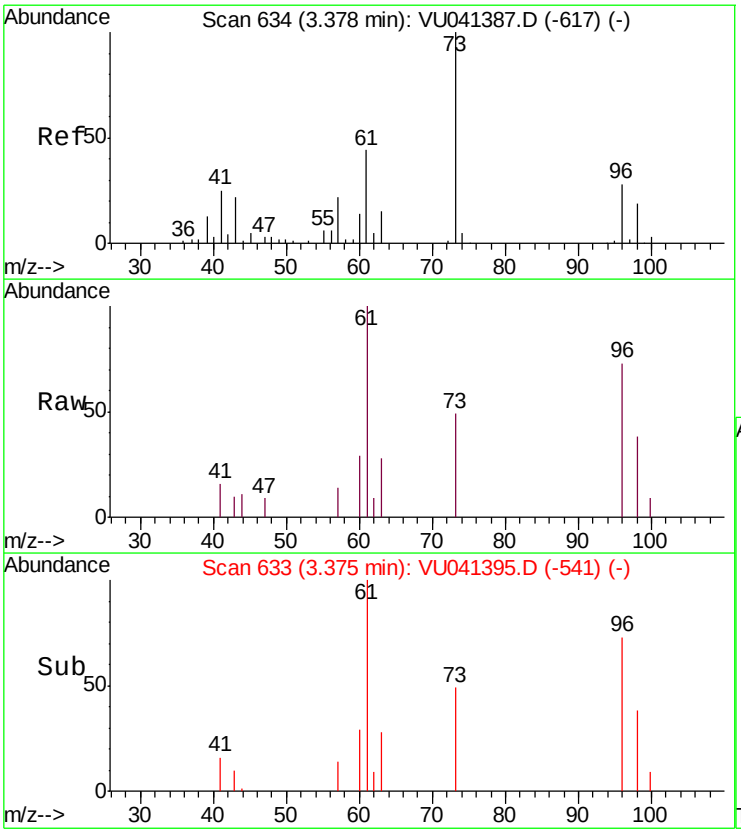
#16
Methylene chloride
Concen: 1.004 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 84 Resp: 6025

Ion	Ratio	Lower	Upper
84	100		
86	65.4	44.4	82.5
49	126.8	89.9	167.0

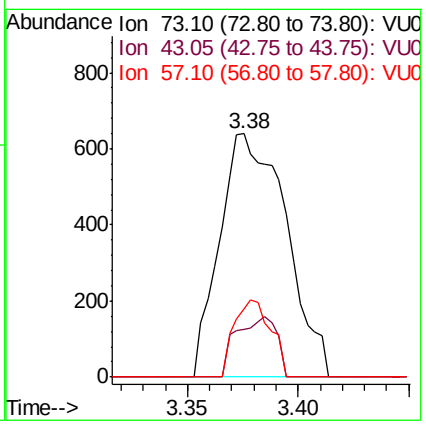


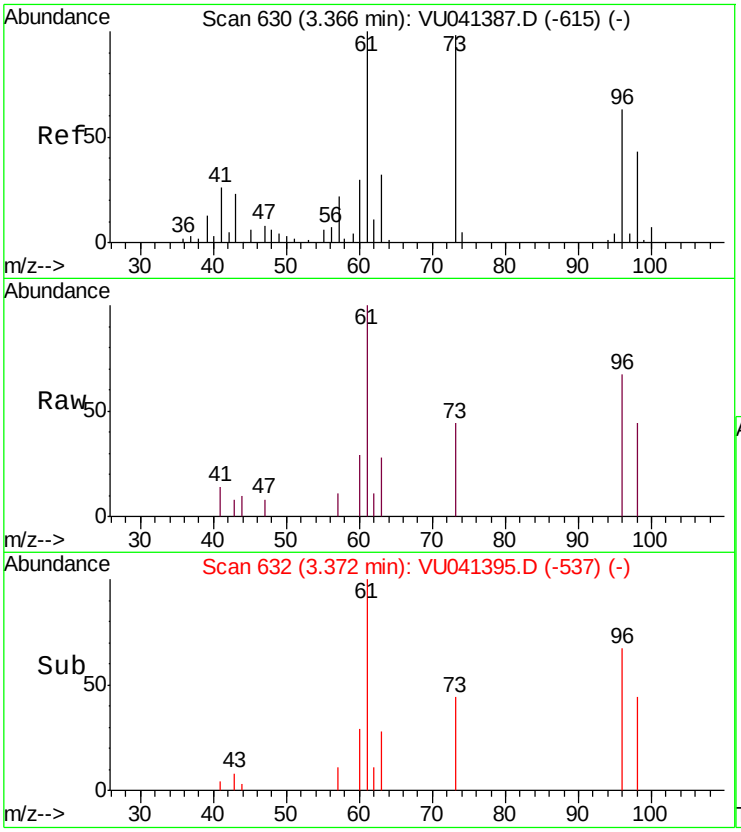


#17
Methyl tert-butyl Ether
Concen: 0.127 ug/L
RT: 3.38 min Scan# 633
Delta R.T. -0.00 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion: 73 Resp: 1332

Ion	Ratio	Lower	Upper
73	100		
43	15.2	18.3	27.5#
57	17.7	17.7	26.5



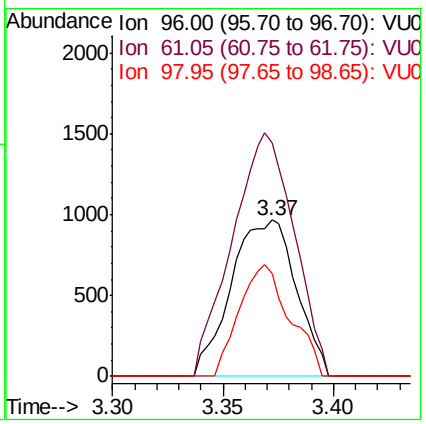


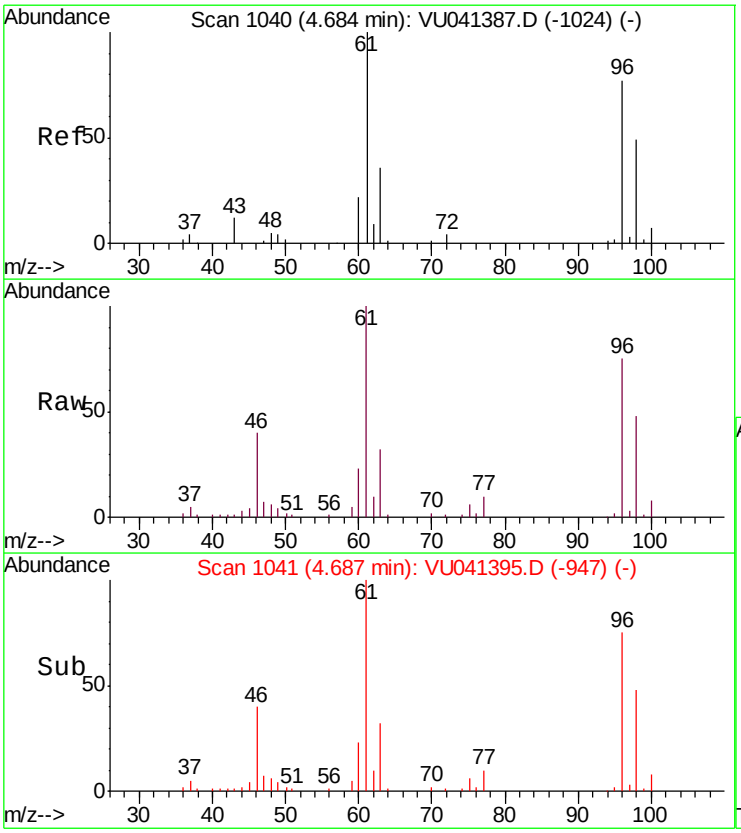
#18
trans-1,2-Dichloroethene
Concen: 0.435 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 96 Resp: 1981

Ion	Ratio	Lower	Upper
96	100		
61	149.6	103.7	192.5
98	66.1	47.5	88.3

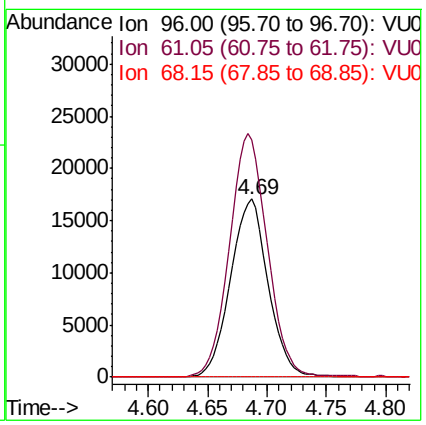


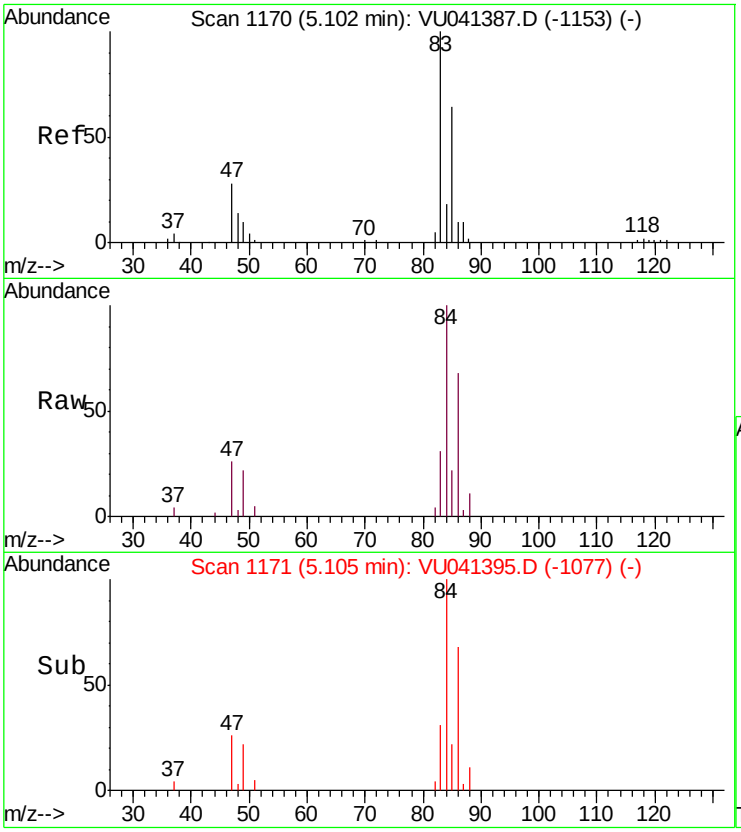


#22
cis-1,2-Dichloroethene
Concen: 7.709 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion: 96 Resp: 37339

Ion	Ratio	Lower	Upper
96	100		
61	133.6	95.3	176.9
68	0.0	0.0	0.0



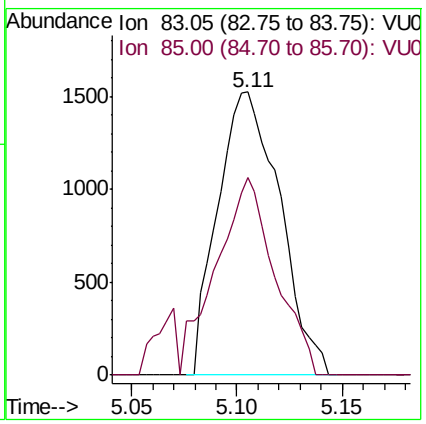


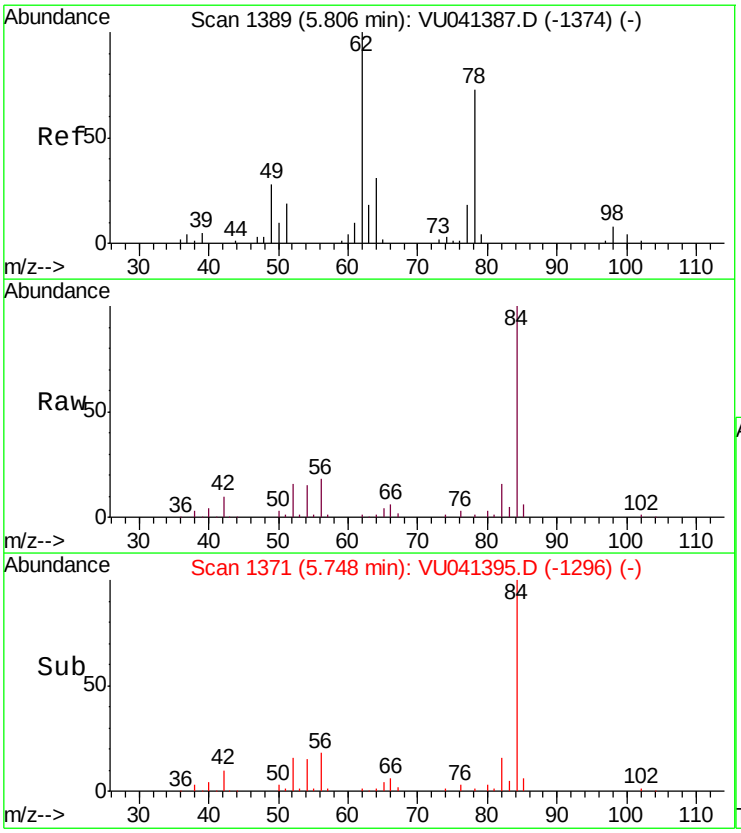
#25
Chloroform
Concen: 0.314 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 83 Resp: 3126

Ion	Ratio	Lower	Upper
83	100		
85	69.8	44.7	82.9

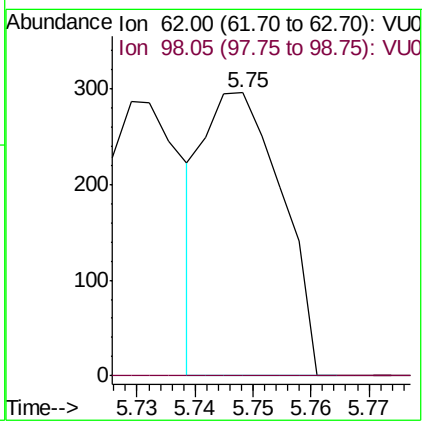


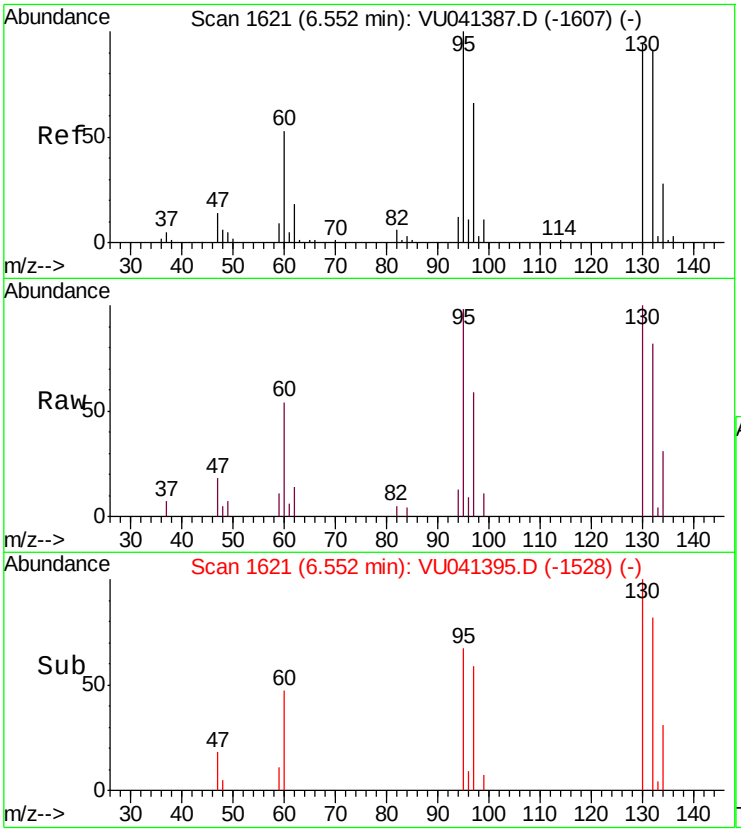


#27
1,2-Dichloroethane
Concen: 0.043 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion: 62 Resp: 276

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.0	9.0#



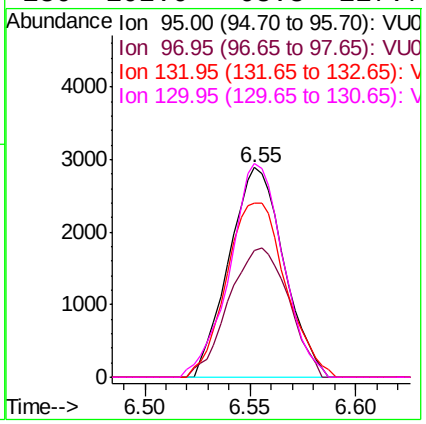


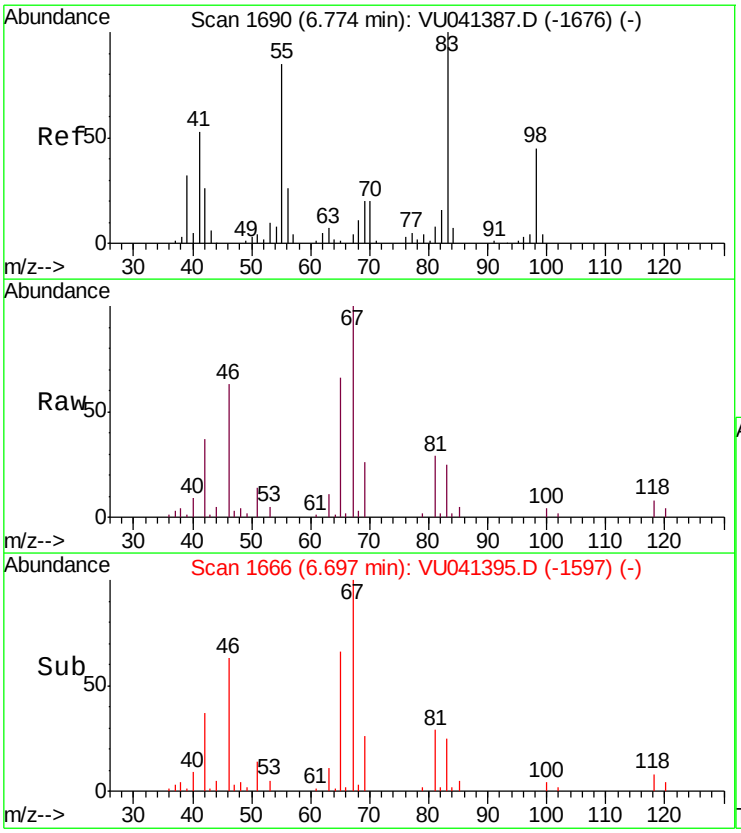
#34
Trichloroethene
Concen: 1.053 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 95 Resp: 5238

Ion	Ratio	Lower	Upper
95	100		
97	60.4	46.5	86.5
132	83.4	60.8	113.0
130	102.0	63.3	117.7

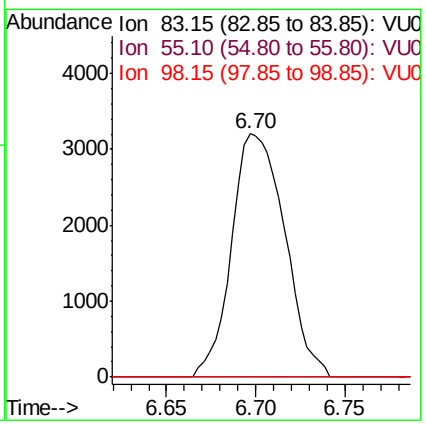


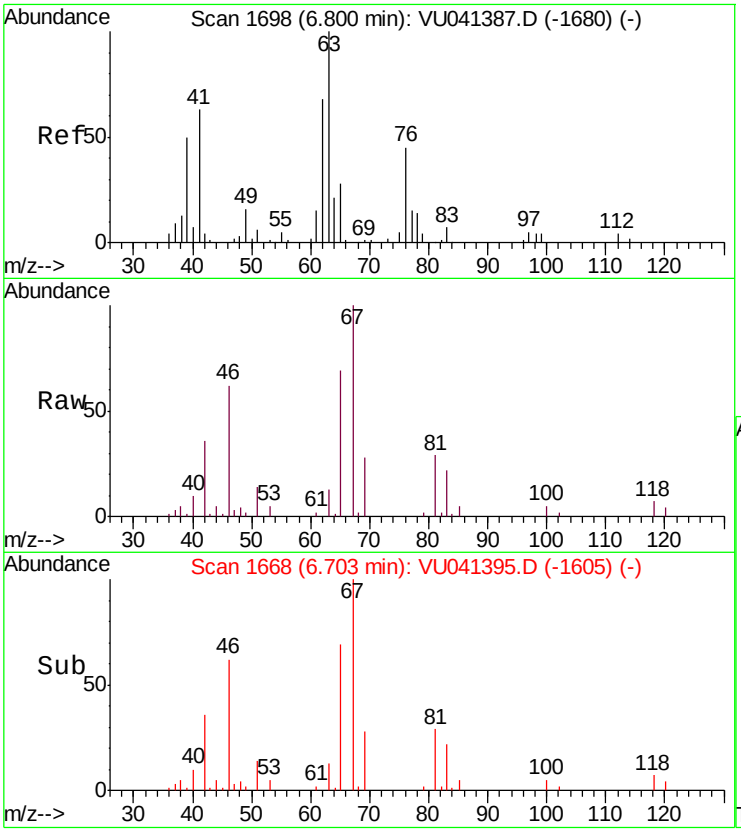


#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.08 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion: 83 Resp: 6664

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	1.1	36.5	54.7#



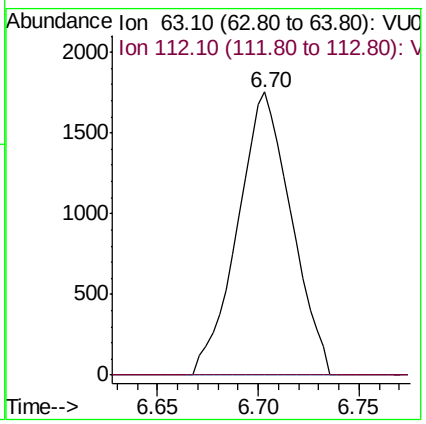


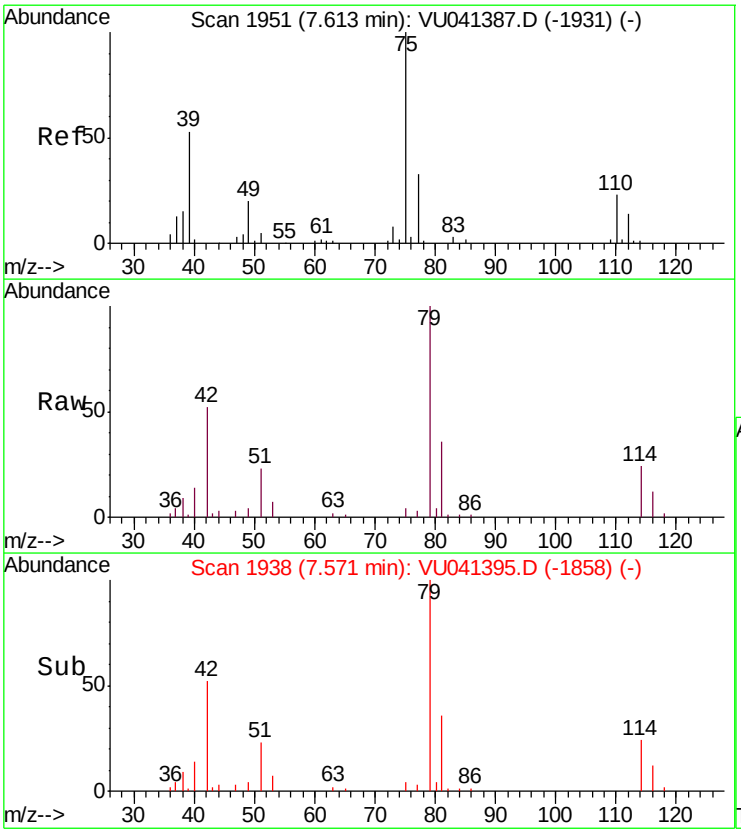
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 63 Resp: 3261

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#

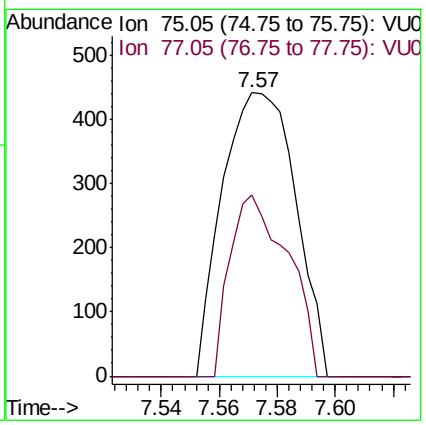


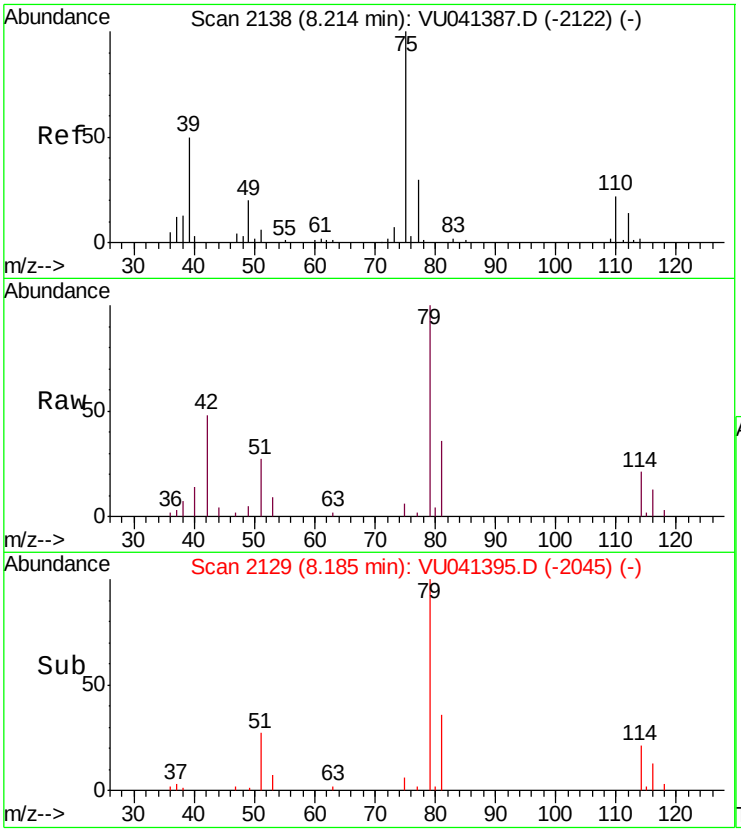


#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion: 75 Resp: 774

Ion	Ratio	Lower	Upper
75	100		
77	63.7	22.1	41.1#



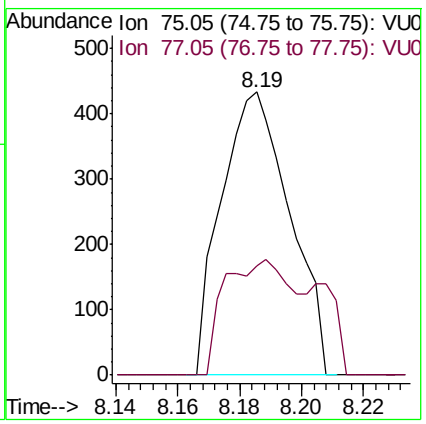


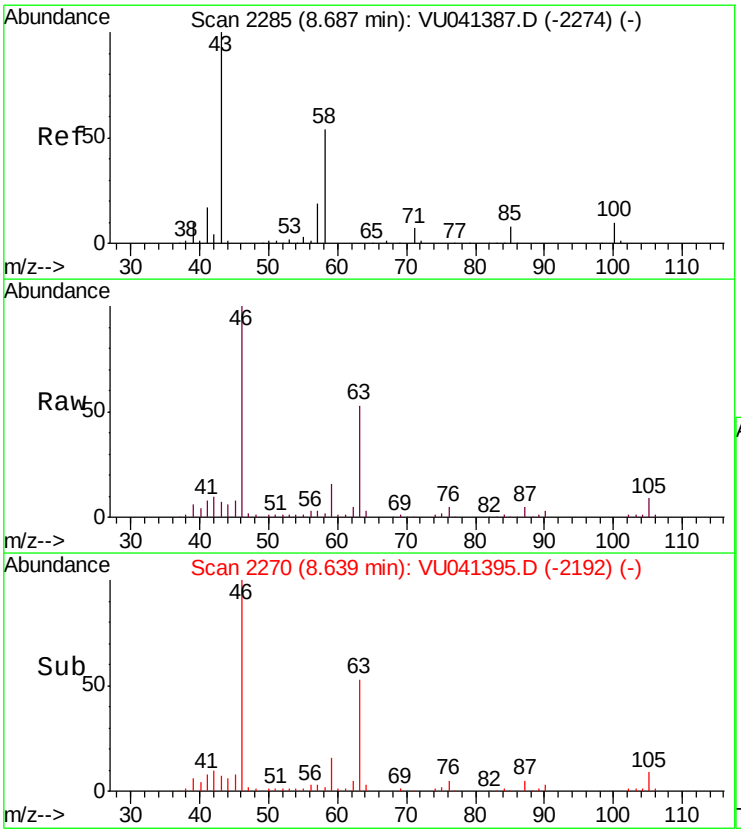
#44
trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 75 Resp: 668

Ion	Ratio	Lower	Upper
75	100		
77	38.8	21.7	40.3

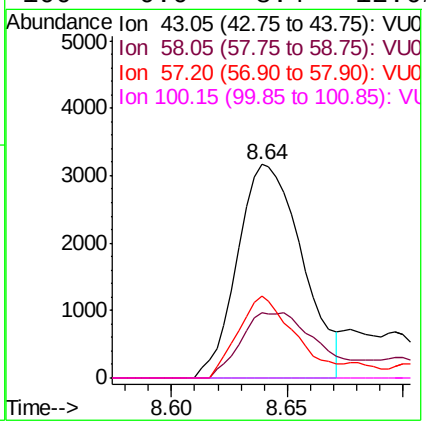


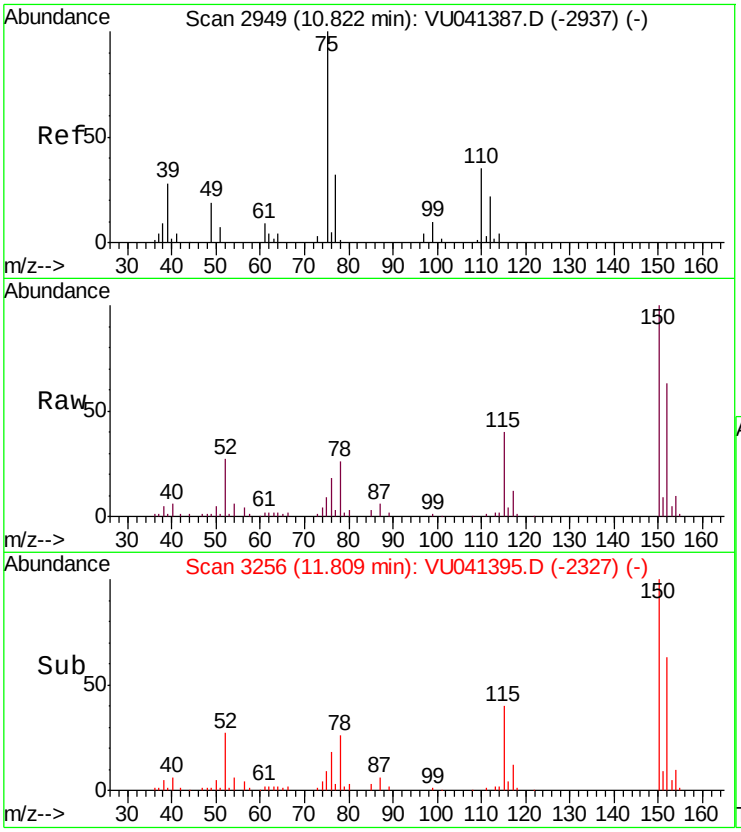


#48
2-Hexanone
Concen: 2.725 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Tgt Ion: 43 Resp: 6149

Ion	Ratio	Lower	Upper
43	100		
58	38.8	42.0	63.0#
57	34.5	15.0	22.4#
100	0.0	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 1.164 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041395.D
Acq: 23 Nov 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
H4406DL

Tgt Ion: 75 Resp: 3813

Ion	Ratio	Lower	Upper
75	100		
77	39.9	25.1	37.7#