Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040803.D
Acq On : 19 Oct 2020 14:31
Operator : SY/MD
Sample : L4354-20DL 2X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ39DL

Quant Time: Oct 20 01:37:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129922	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56326	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	32907	3.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.20%			
7) Chloroethane-d5	1.92	69	33660	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.00%			
11) 1,1-Dichloroethene-d2	2.58	63	54777	2.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.00%#			
20) 2-Butanone-d5	4.66	46	167922	48.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.48%			
24) Chloroform-d	5.08	84	81348	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.72	65	51871	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	5.74	84	142208	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.80%			
36) 1,2-Dichloropropane-d6	6.70	67	50718	4.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.60%			
41) Toluene-d8	7.91	98	105690	3.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 64.60%#			
43) trans-1,3-Dichloropropene-	8.19	79	18789	3.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.00%			
46) 2-Hexanone-d5	8.64	63	110415	41.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47571	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46561	4.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	52662	4.543	ug/L	88
12) 1,1-Dichloroethene	2.58	96	494	0.053	ug/L #	1
15) Methyl Acetate	3.06	43	666	0.109	ug/L #	56
16) Methylene chloride	3.06	84	2076	0.174	ug/L	81
18) trans-1,2-Dichloroethene	3.38	96	1559	0.161	ug/L	78
22) cis-1,2-Dichloroethene	4.69	96	93029	8.890	ug/L	99
25) Chloroform	5.11	83	1324	0.065	ug/L	97
27) 1,2-Dichloroethane	5.74	62	970	0.067	ug/L #	77
30) Cyclohexane	5.40	56	2277	0.136	ug/L	97
35) Methylcyclohexane	6.77	83	668	0.042	ug/L #	65
37) 1,2-Dichloropropane	6.70	63	5781	0.476	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1242	0.075	ug/L #	51
44) trans-1,3-Dichloropropene	8.19	75	869	0.057	ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	7389	0.828	ug/L	93

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

Quantitation Report (Not Reviewed)

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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
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ClientSampleId :
ETZ39DL

Quant Time: Oct 20 01:37:56 2020
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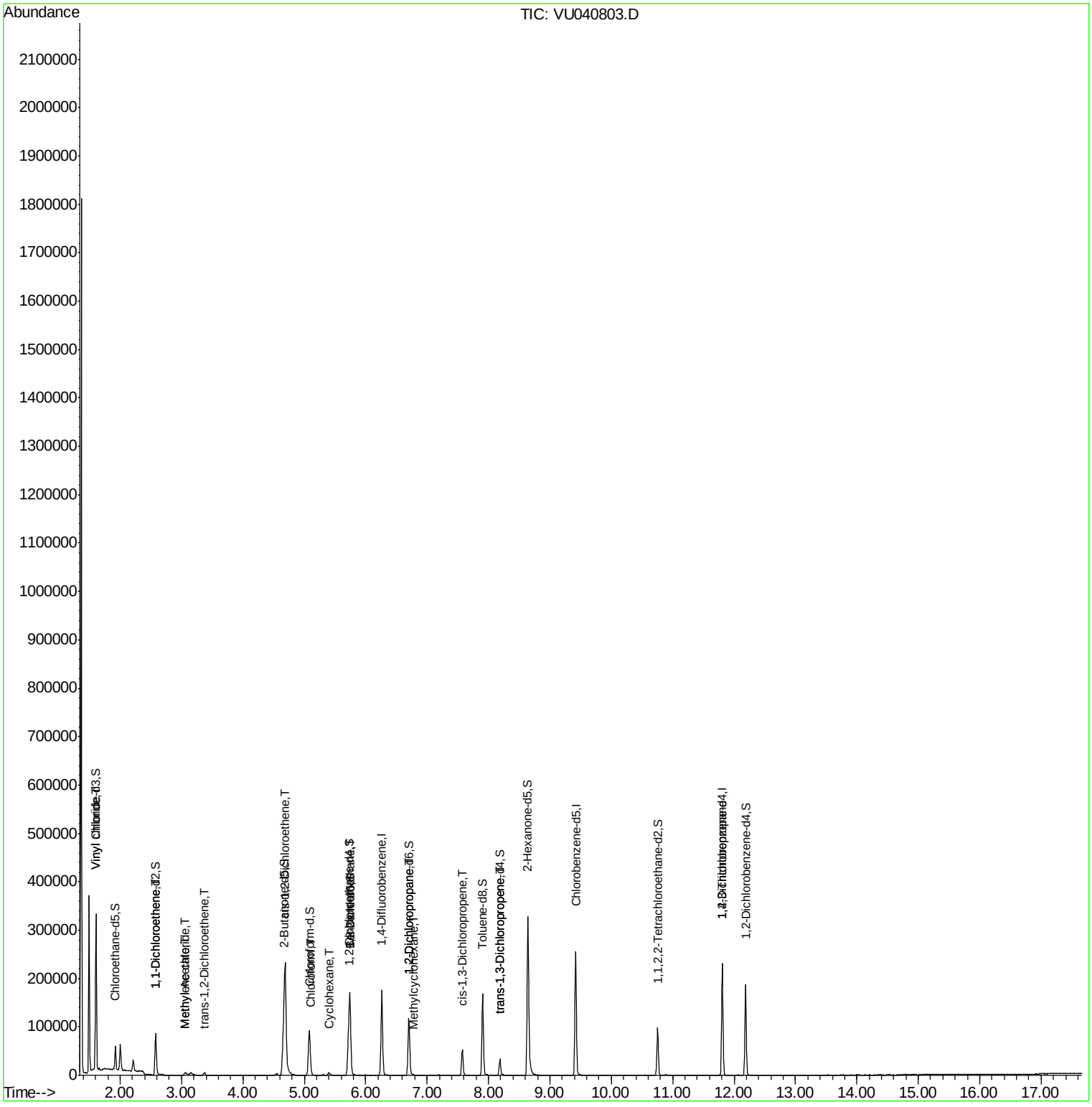
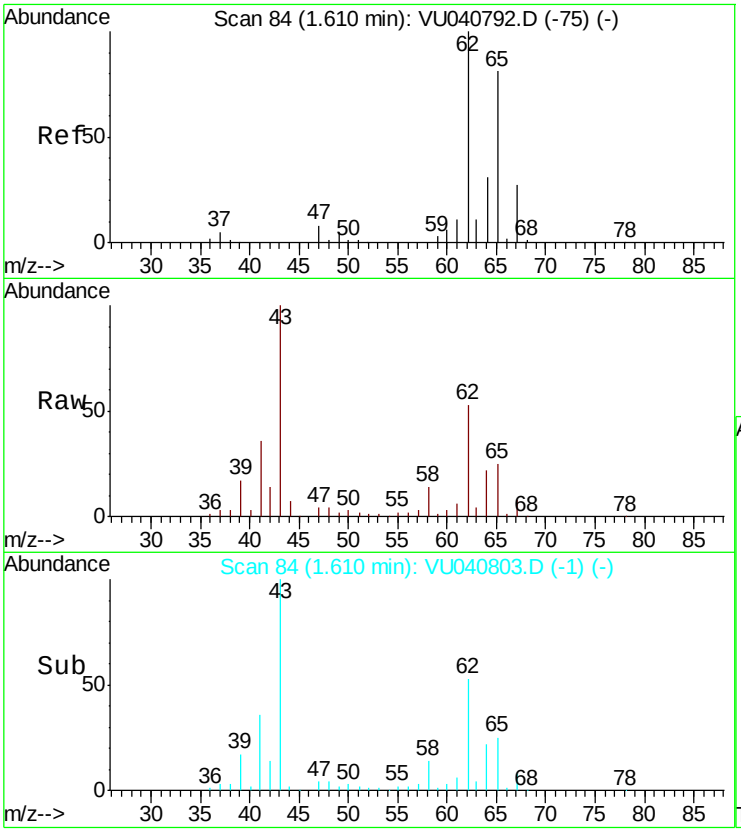
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration



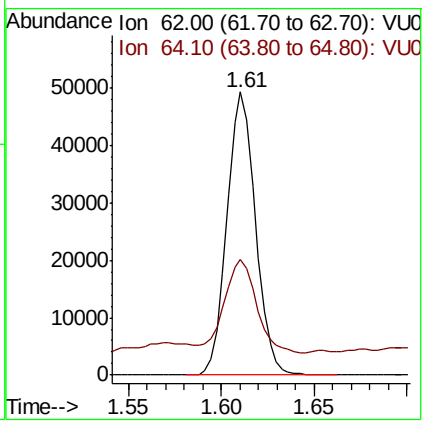


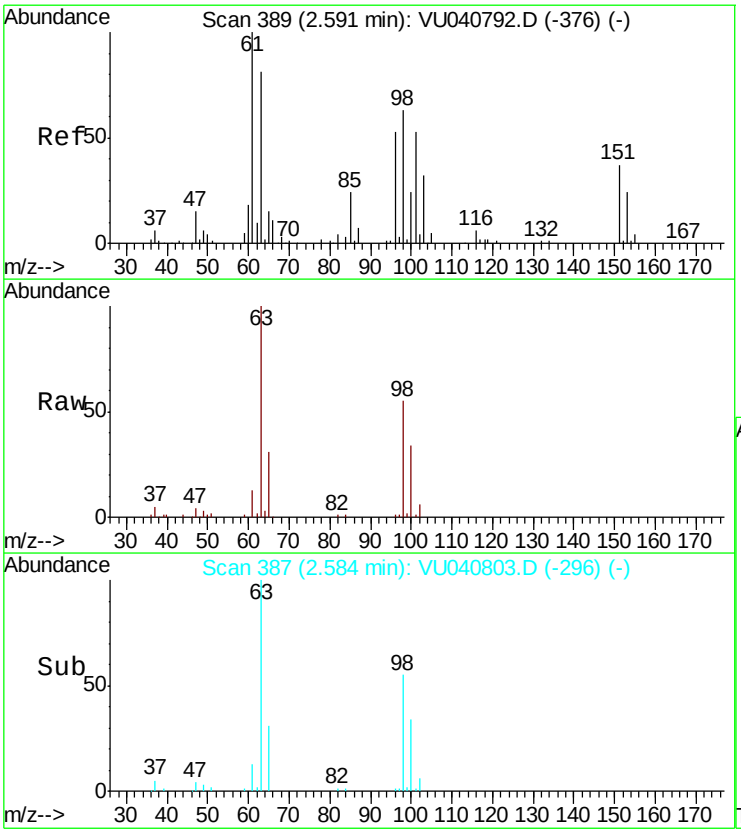
#5
Vinyl chloride
Concen: 4.543 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Instrument : MSVOA_U
ClientSampleId : ETZ39DL

Tgt Ion: 62 Resp: 52662

Ion	Ratio	Lower	Upper
62	100		
64	40.8	23.7	44.1

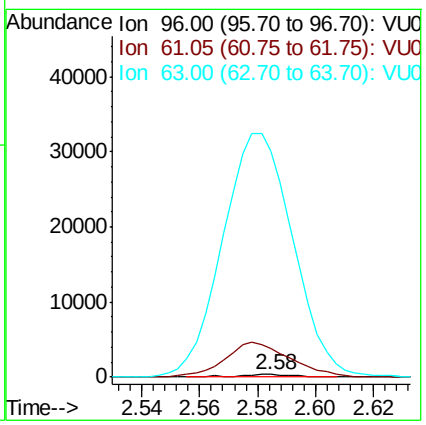


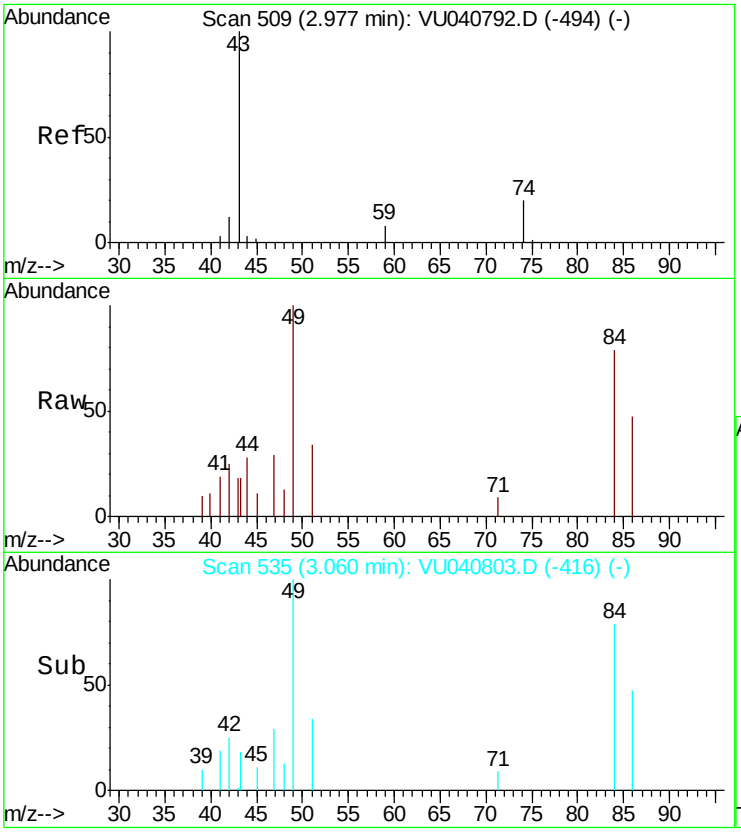


#12
1,1-Dichloroethene
Concen: 0.053 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 96 Resp: 494

Ion	Ratio	Lower	Upper
96	100		
61	1144.4	128.8	239.2#
63	9045.0	84.6	157.2#



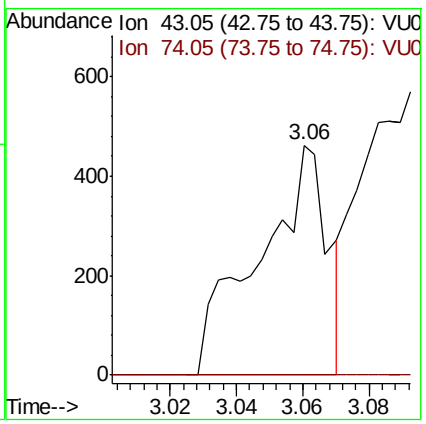


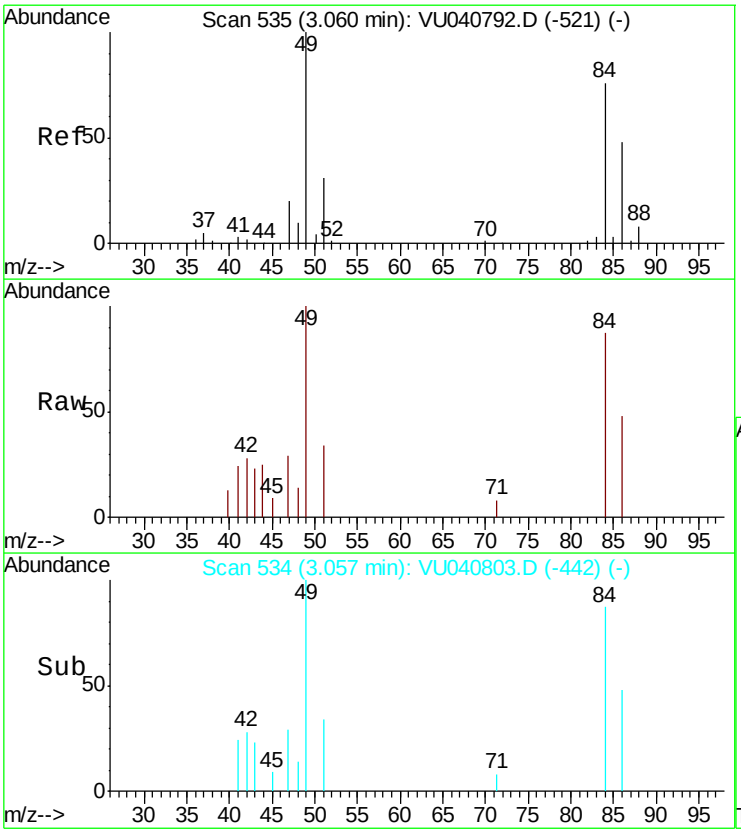
#15
Methyl Acetate
Concen: 0.109 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.08 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Instrument : MSVOA_U
ClientSampleId : ETZ39DL

Tgt Ion: 43 Resp: 666

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#

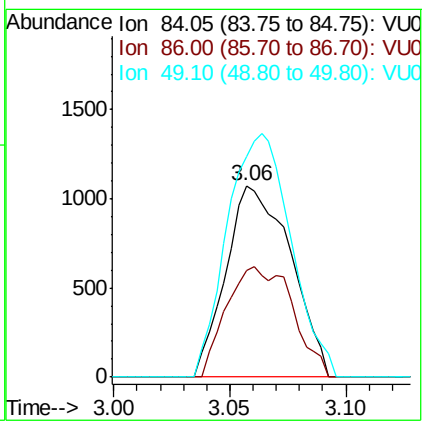


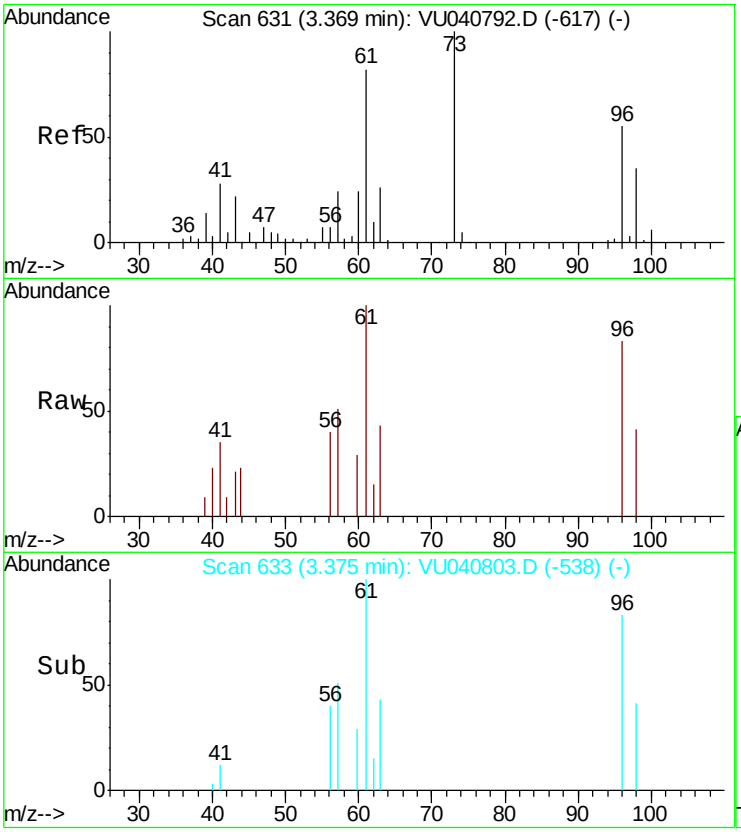


#16
Methylene chloride
Concen: 0.174 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 84 Resp: 2076

Ion	Ratio	Lower	Upper
84	100		
86	55.9	45.4	84.4
49	115.5	99.8	185.3



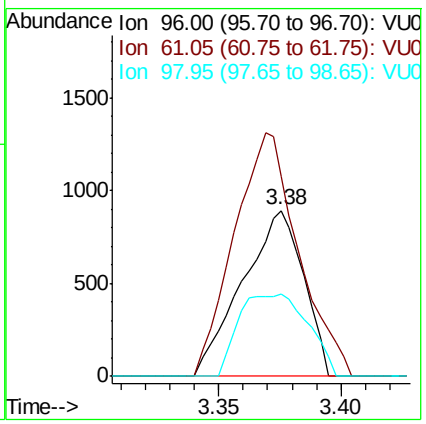


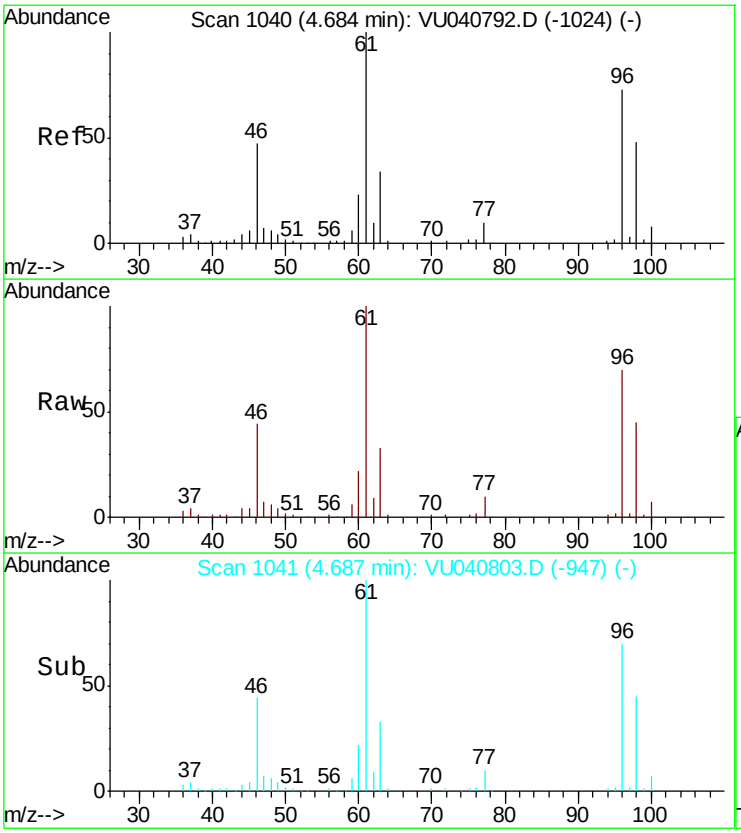
#18
trans-1,2-Dichloroethene
Concen: 0.161 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Instrument :
MSVOA_U
ClientSampleId :
ETZ39DL

Tgt Ion: 96 Resp: 1559

Ion	Ratio	Lower	Upper
96	100		
61	120.9	105.9	196.7
98	49.3	43.8	81.3

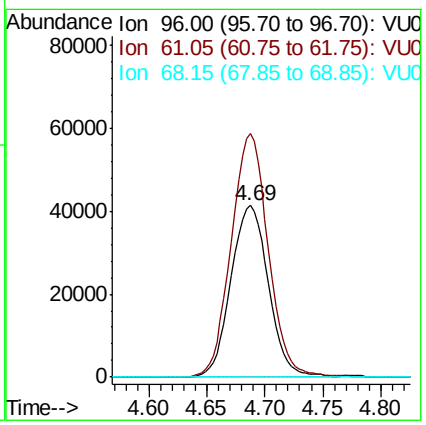


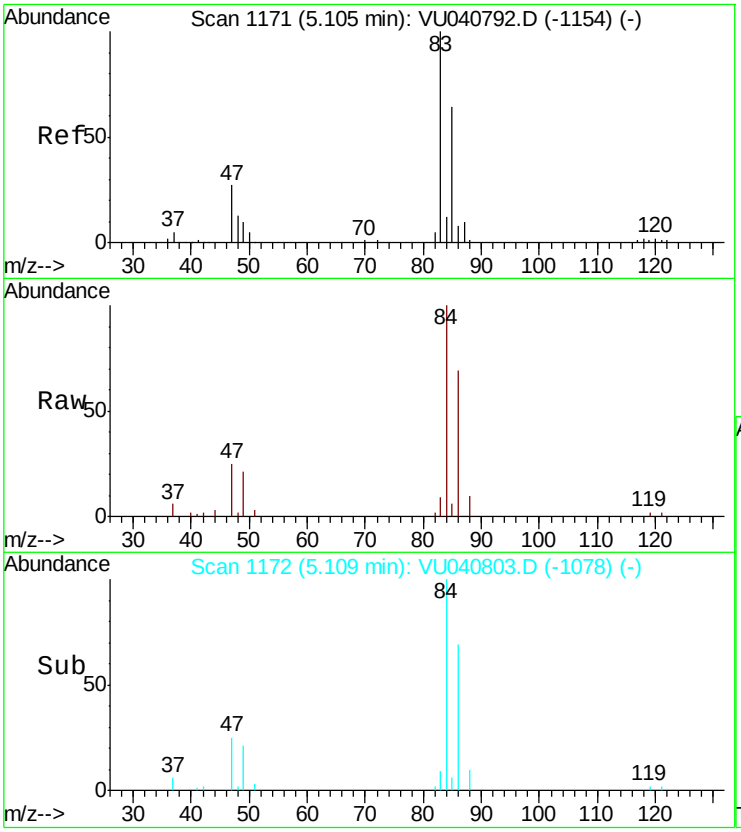


#22
cis-1,2-Dichloroethene
Concen: 8.890 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 96 Resp: 93029

Ion	Ratio	Lower	Upper
96	100		
61	141.9	99.8	185.4
68	0.0	0.0	0.0



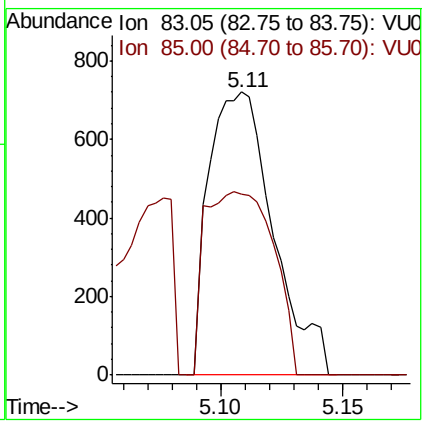


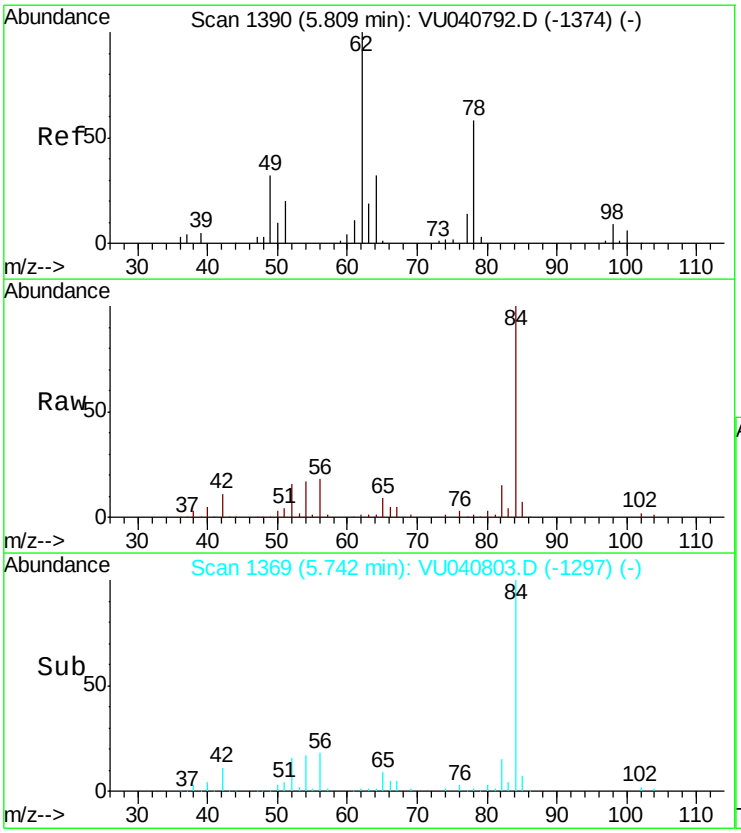
#25
Chloroform
Concen: 0.065 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Instrument :
MSVOA_U
ClientSampleId :
ETZ39DL

Tgt Ion: 83 Resp: 1324

Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.5	86.5

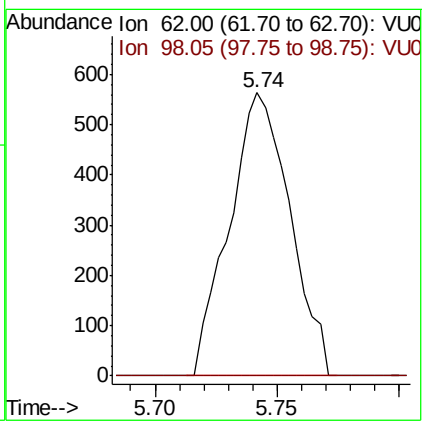


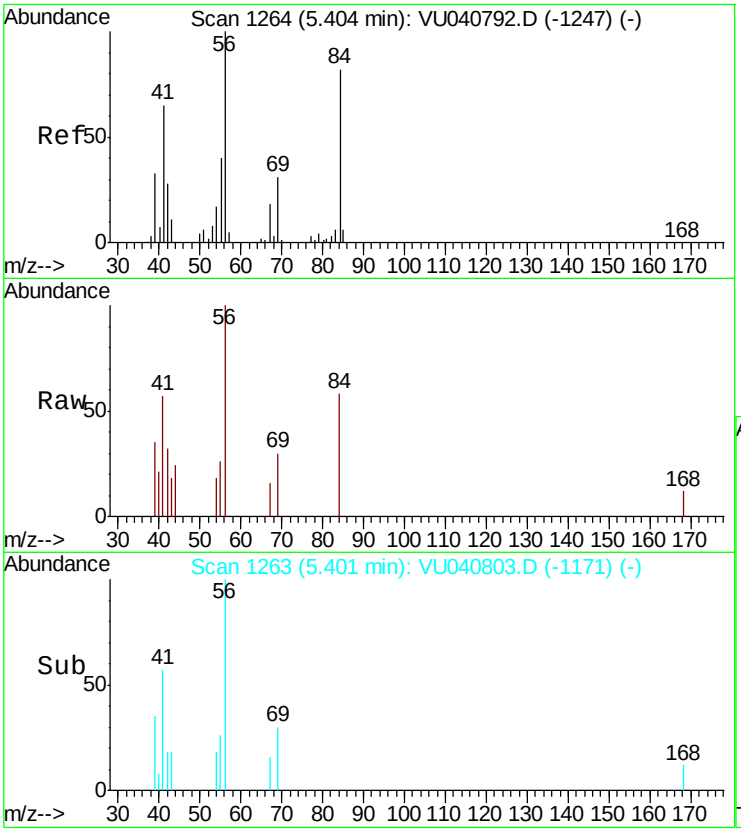


#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 62 Resp: 970

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



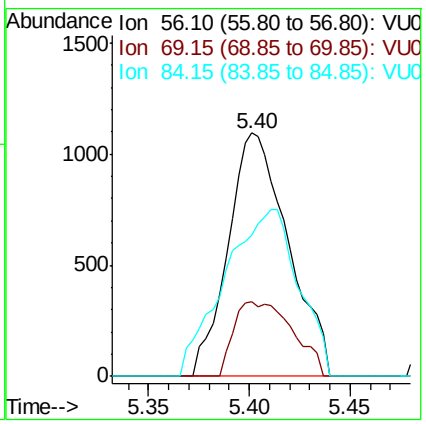


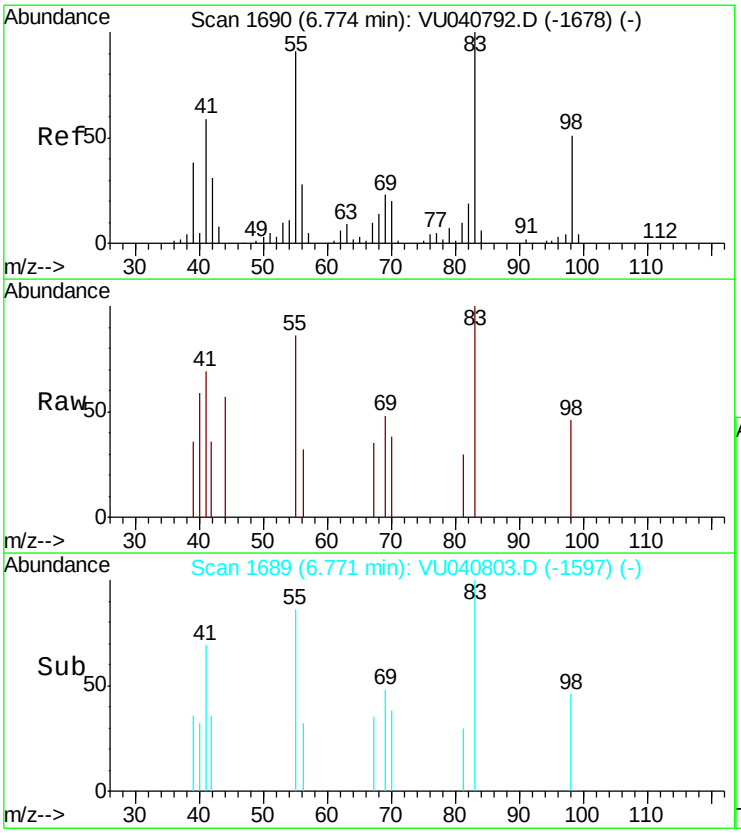
#30
Cyclohexane
Concen: 0.136 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Instrument : MSVOA_U
ClientSampleId : ETZ39DL

Tgt Ion: 56 Resp: 2277

Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.8	35.8
84	84.0	64.0	96.0

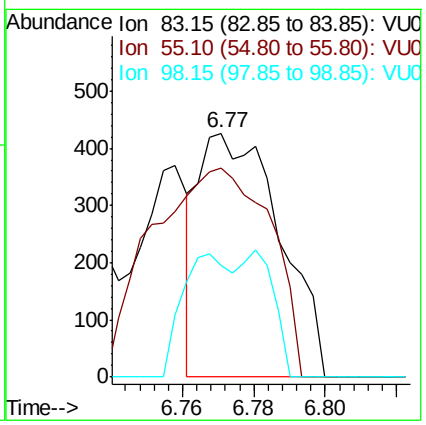


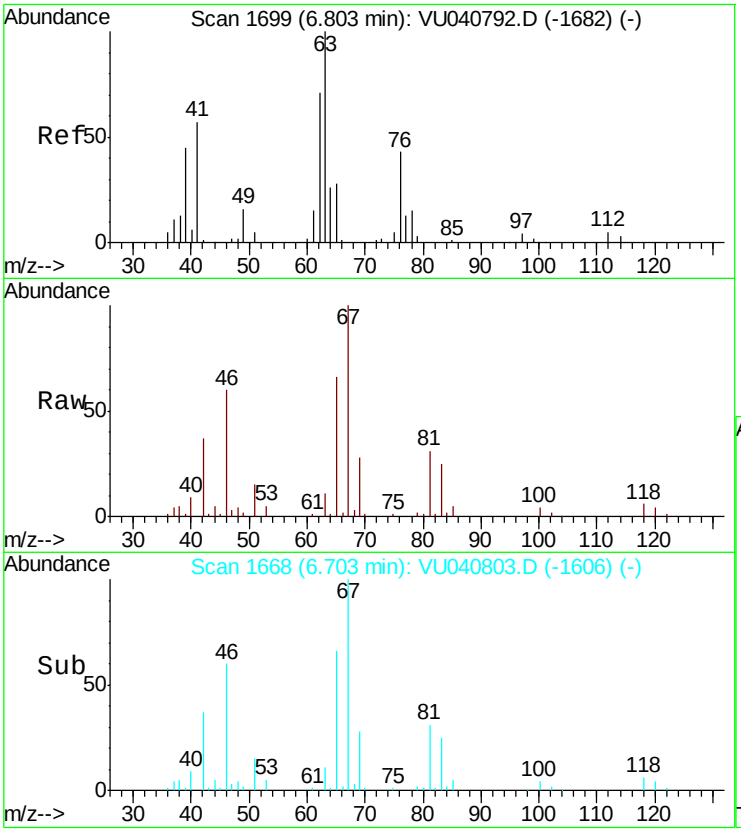


#35
Methylcyclohexane
Concen: 0.042 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 83 Resp: 668

Ion	Ratio	Lower	Upper
83	100		
55	126.6	70.7	106.1#
98	31.0	38.4	57.6#



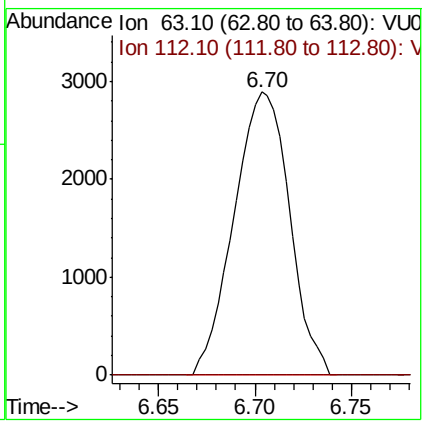


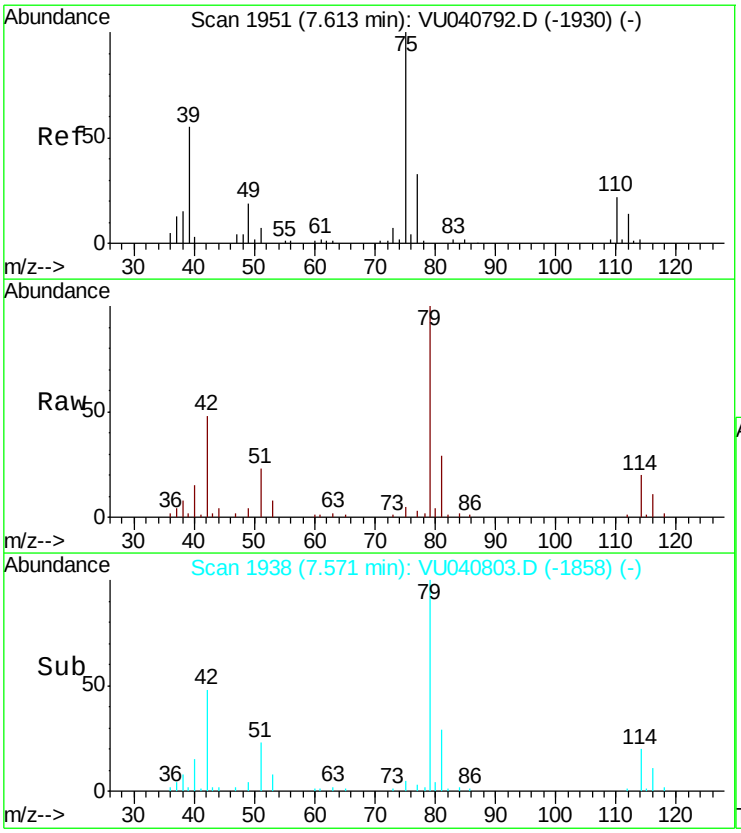
#37
1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Instrument :
MSVOA_U
ClientSampleId :
ETZ39DL

Tgt Ion: 63 Resp: 5781

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

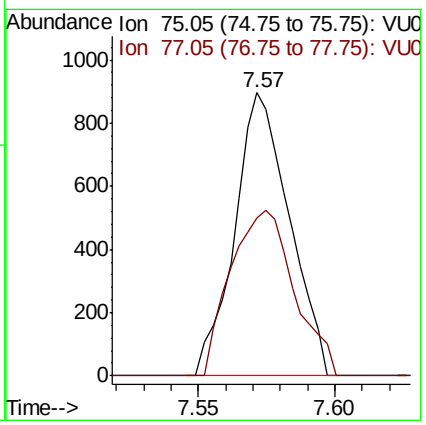


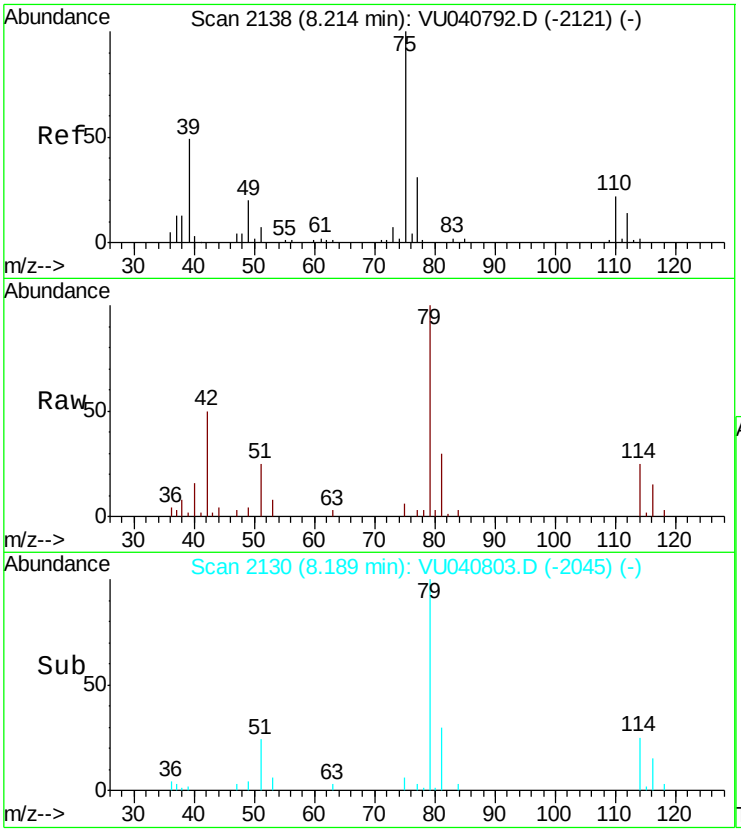


#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 75 Resp: 1242

Ion	Ratio	Lower	Upper
75	100		
77	55.6	20.5	38.1#



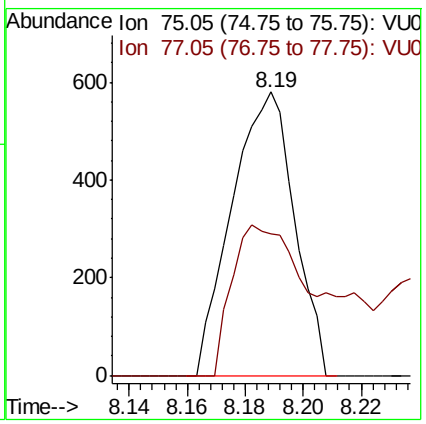


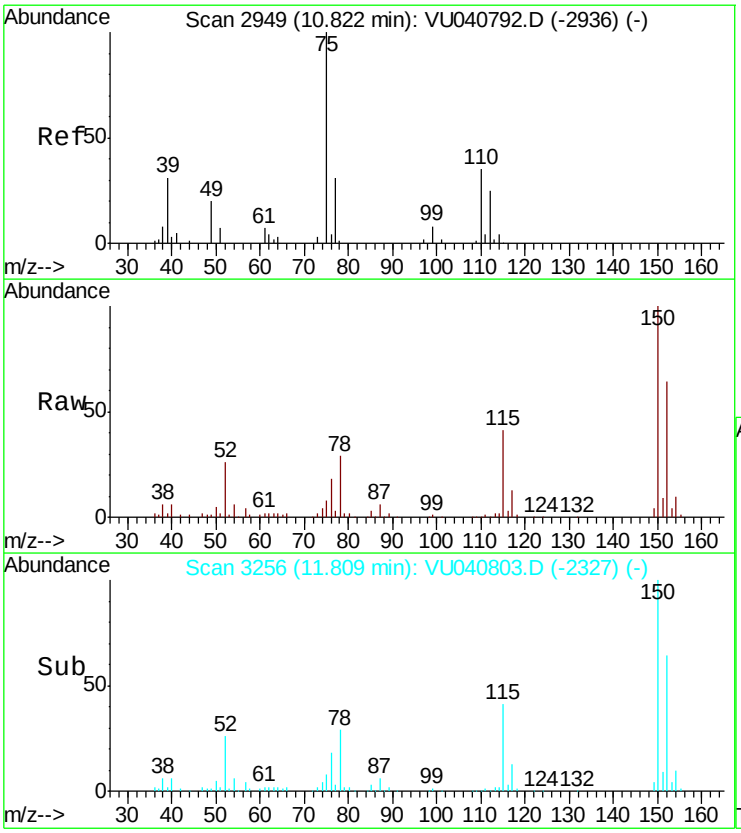
#44
trans-1,3-Dichloropropene
Concen: 0.057 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Instrument :
MSVOA_U
ClientSampleId :
ETZ39DL

Tgt Ion: 75 Resp: 869

Ion	Ratio	Lower	Upper
75	100		
77	49.8	20.4	38.0#





#59
1,2,3-Trichloropropane
Concen: 0.828 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 75 Resp: 7389

Ion	Ratio	Lower	Upper
75	100		
77	36.9	26.4	39.6