Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041181.D
Acq On : 10 Nov 2020 16:28
Operator : SY/MD
Sample : VIBLK42
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Quant Time: Nov 11 00:53:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25030	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21631	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.92	69	17023	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.58	63	31145	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	4.65	46	71376	48.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.40%			
24) Chloroform-d	5.08	84	41052	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.72	65	25747	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.74	84	74270	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.70	67	25644	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.90	98	62229	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	8.19	79	9925	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.64	63	51110	45.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21567	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24221	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
16) Methylene chloride	3.06	84	858	0.195	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	880	0.222	ug/L	87
25) Chloroform	5.11	83	943	0.122	ug/L	80
27) 1,2-Dichloroethane	5.74	62	364	0.063	ug/L #	74
33) Benzene	5.74	78	627	0.038	ug/L	100
34) Trichloroethene	6.56	95	2162	0.510	ug/L	98
35) Methylcyclohexane	6.70	83	6068	0.959	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3046	0.675	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	756	0.122	ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	496	0.085	ug/L	85
59) 1,2,3-Trichloropropane	11.81	75	3166	0.942	ug/L #	86

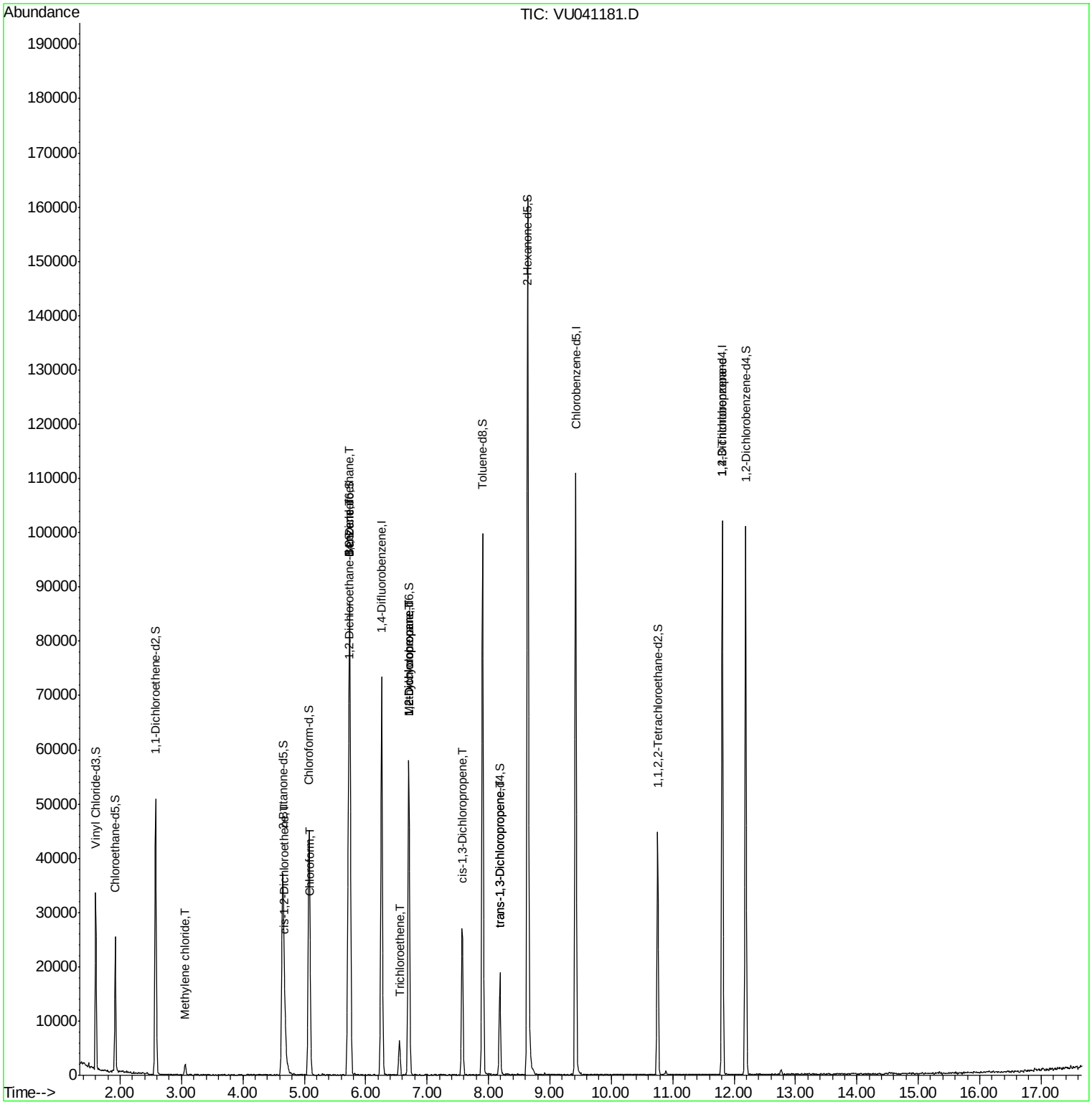
(#) = qualifier out of range (m) = manual integration (+) = signals summed

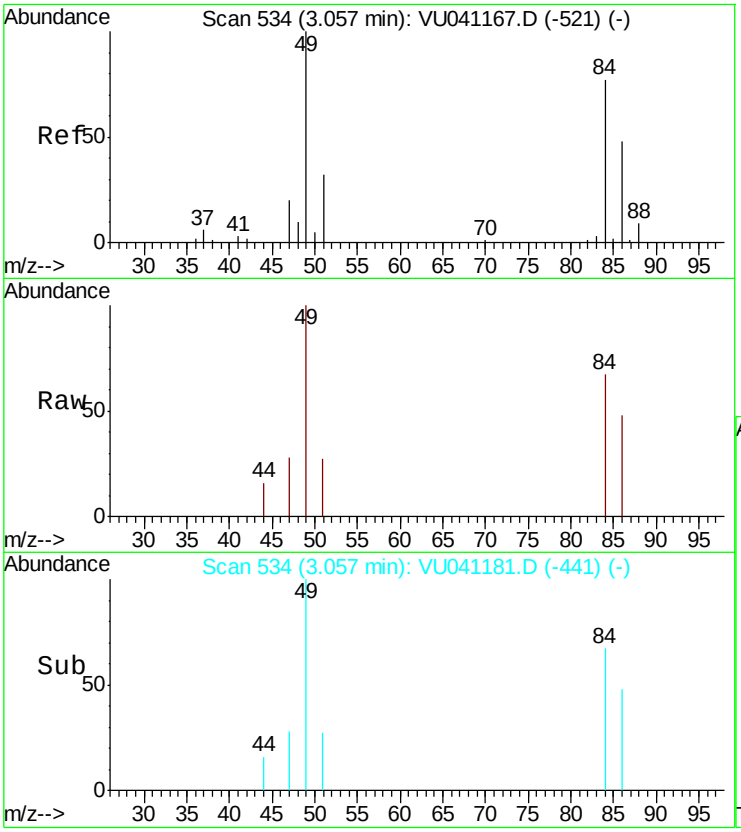
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041181.D
Acq On : 10 Nov 2020 16:28
Operator : SY/MD
Sample : VIBLK42
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Quant Time: Nov 11 00:53:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration



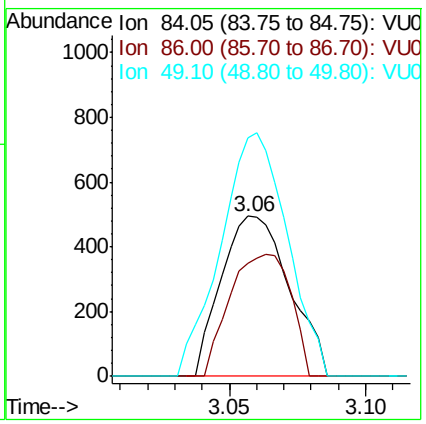


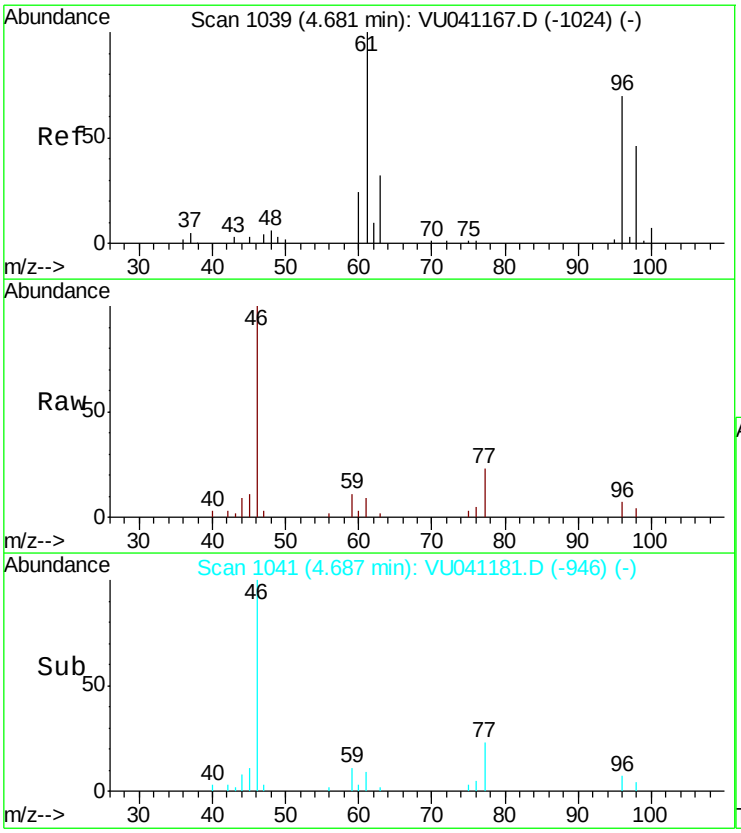
#16
Methylene chloride
Concen: 0.195 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Tgt Ion: 84 Resp: 858

Ion	Ratio	Lower	Upper
84	100		
86	70.7	42.8	79.6
49	148.5	99.5	184.7

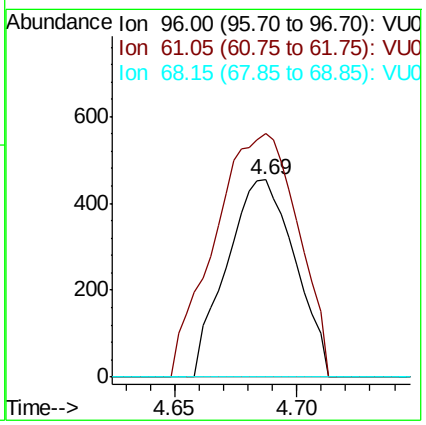


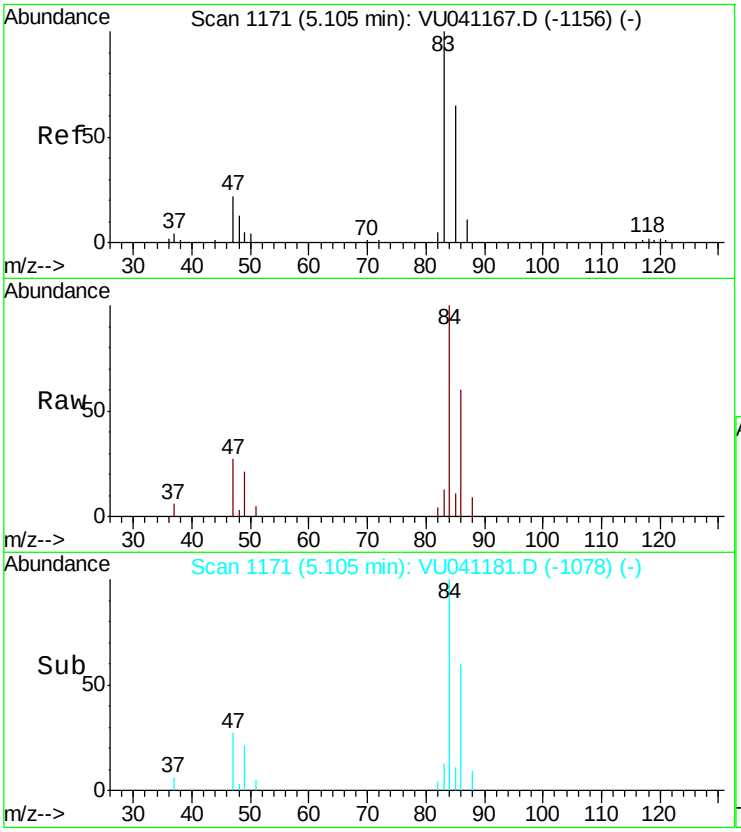


#22
cis-1,2-Dichloroethene
Concen: 0.222 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Tgt Ion: 96 Resp: 880

Ion	Ratio	Lower	Upper
96	100		
61	123.6	97.2	180.4
68	0.0	0.0	0.0



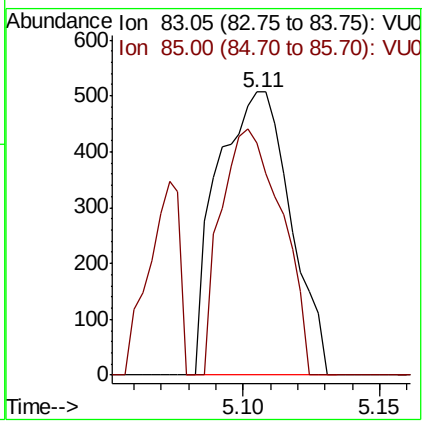


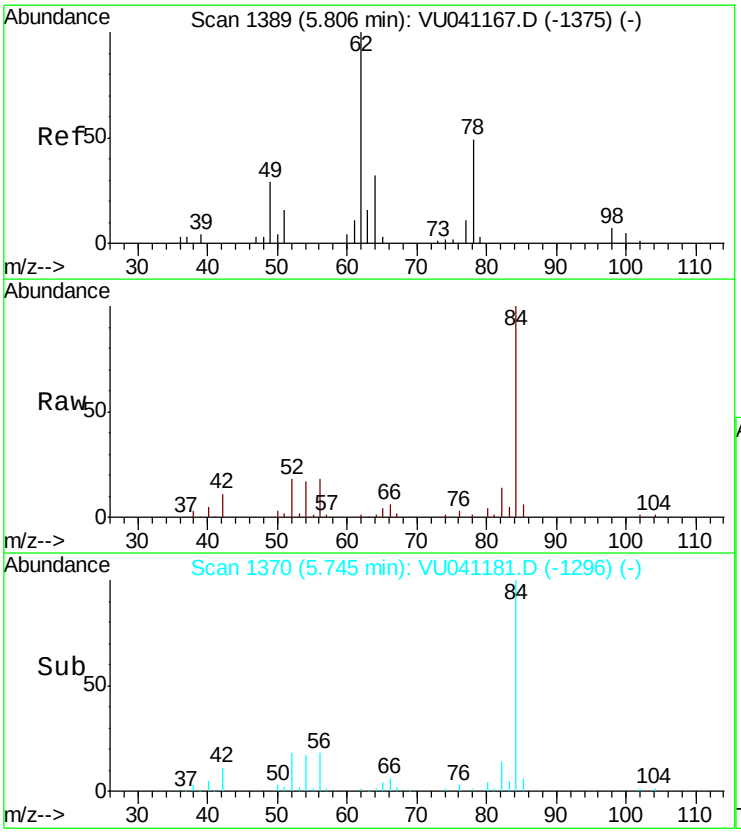
#25
Chloroform
Concen: 0.122 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Tgt Ion: 83 Resp: 943

Ion	Ratio	Lower	Upper
83	100		
85	81.9	46.1	85.7

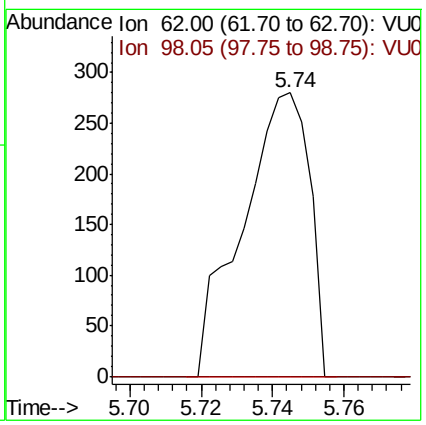


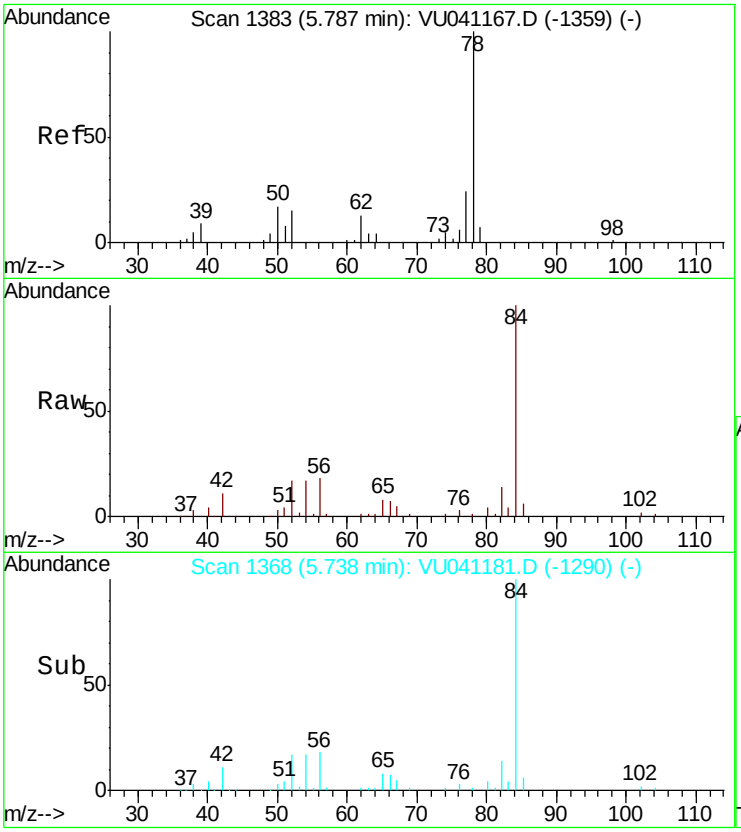


#27
1,2-Dichloroethane
Concen: 0.063 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Tgt Ion: 62 Resp: 364

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

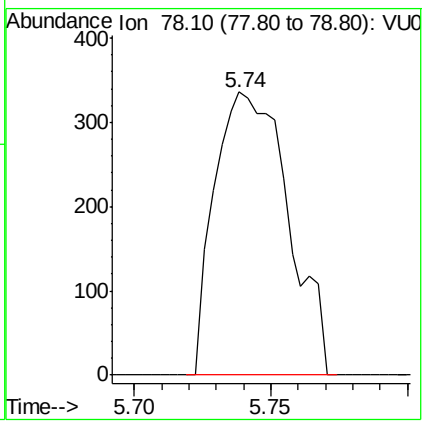


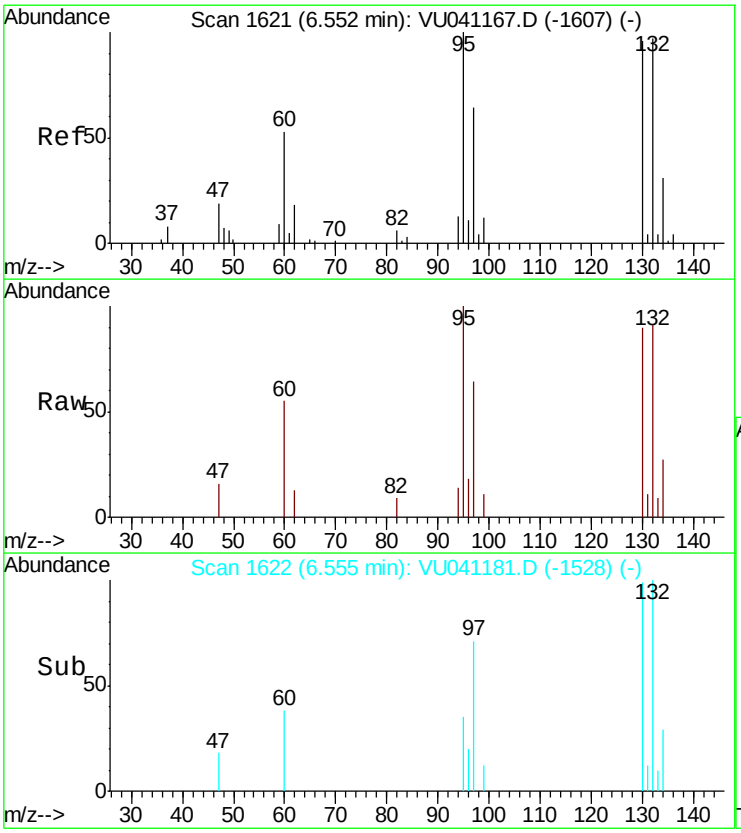


#33
Benzene
Concen: 0.038 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Tgt Ion: 78 Resp: 627

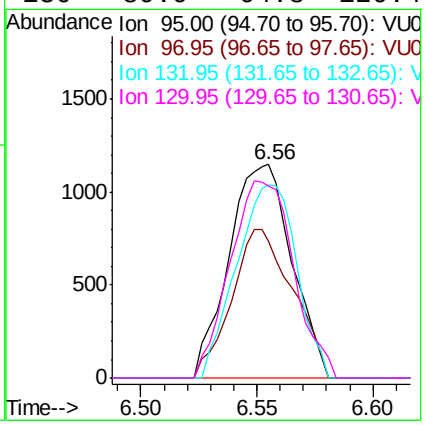


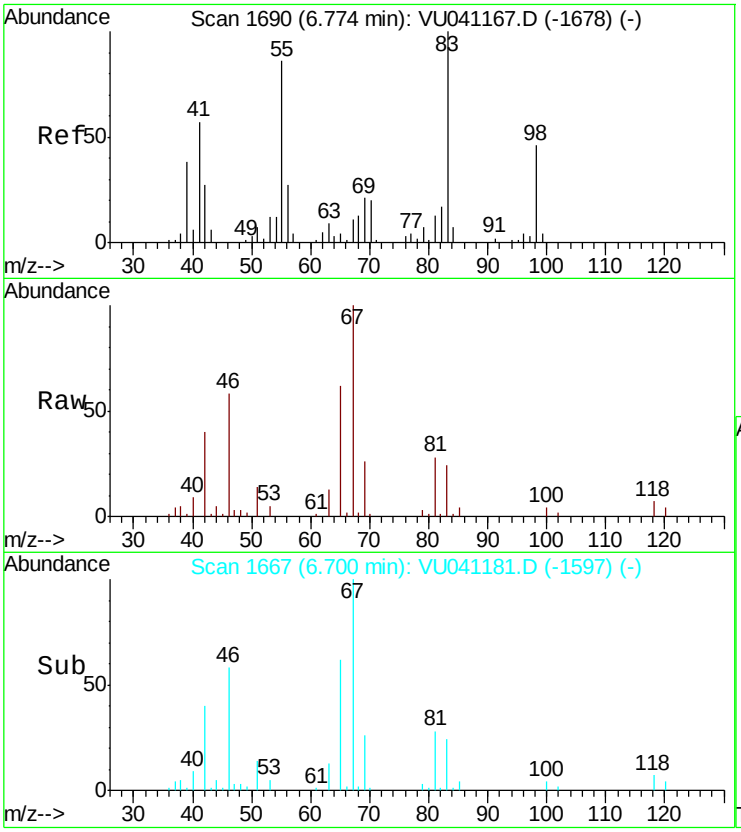


#34
Trichloroethene
Concen: 0.510 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Tgt Ion: 95 Resp: 2162

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.6	84.6
132	90.8	64.8	120.4
130	89.9	64.8	120.4



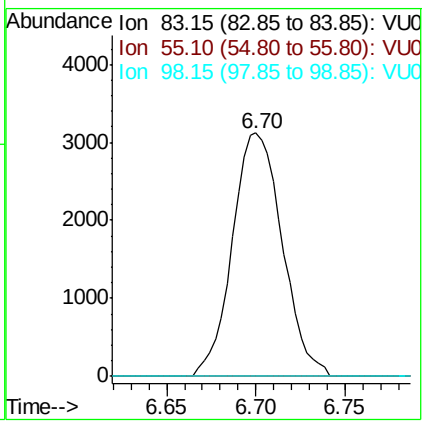


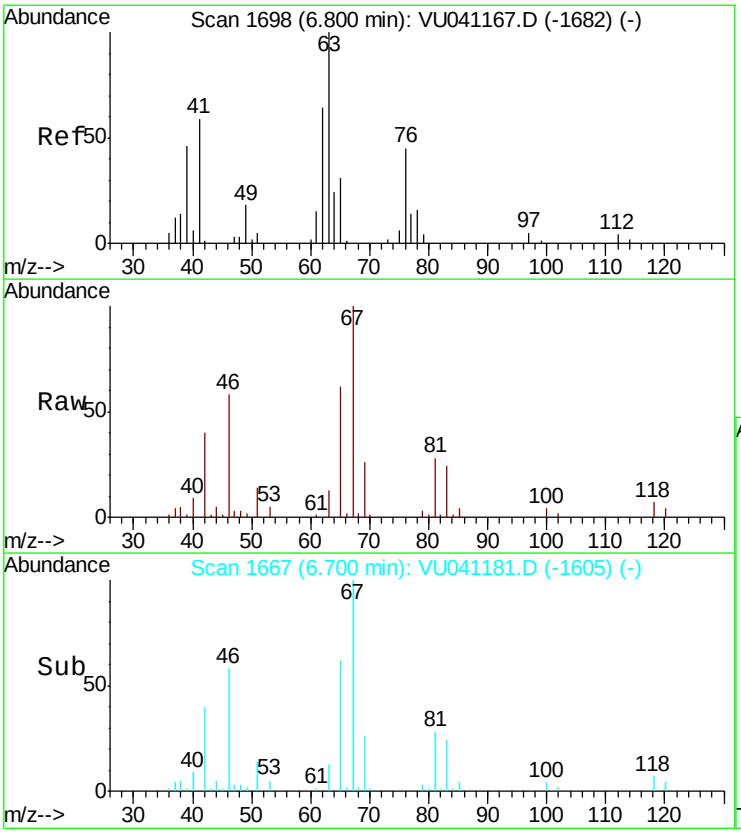
#35
Methylcyclohexane
Concen: 0.959 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Instrument : MSVOA_U
ClientSampleId : VIBLK42

Tgt Ion: 83 Resp: 6068

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	4.2	36.6	55.0#

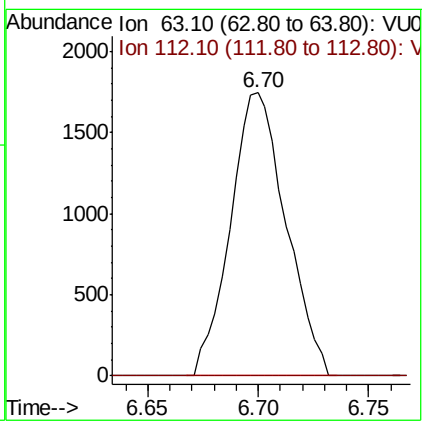


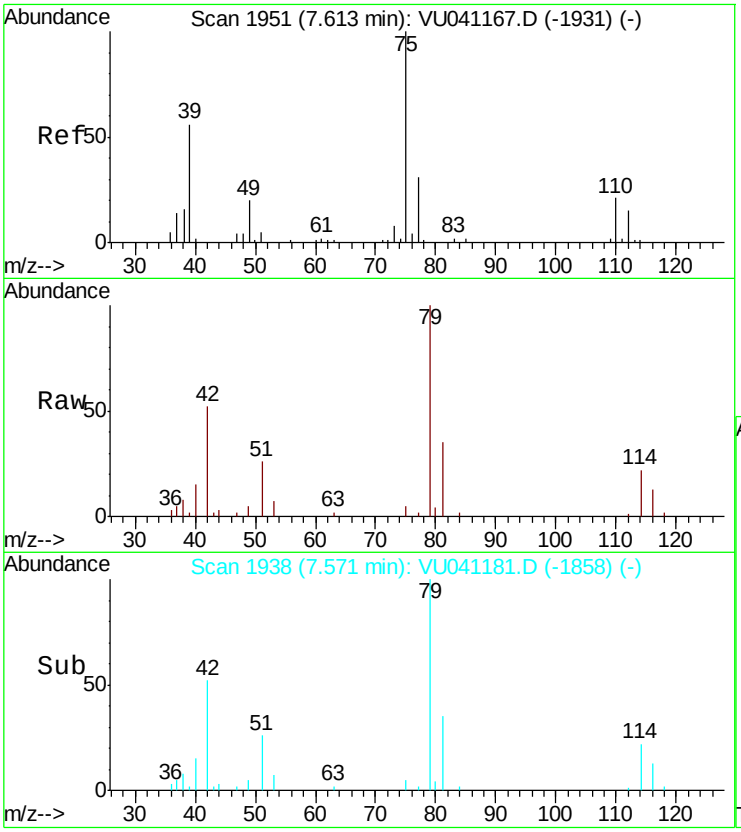


#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Tgt Ion: 63 Resp: 3046

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



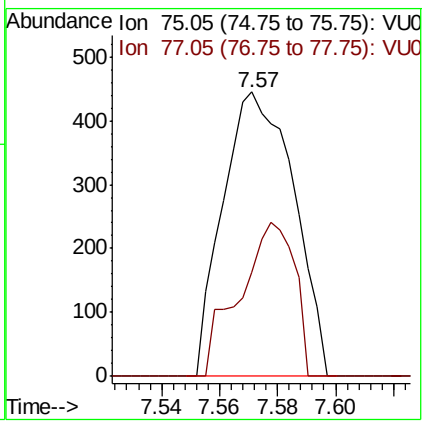


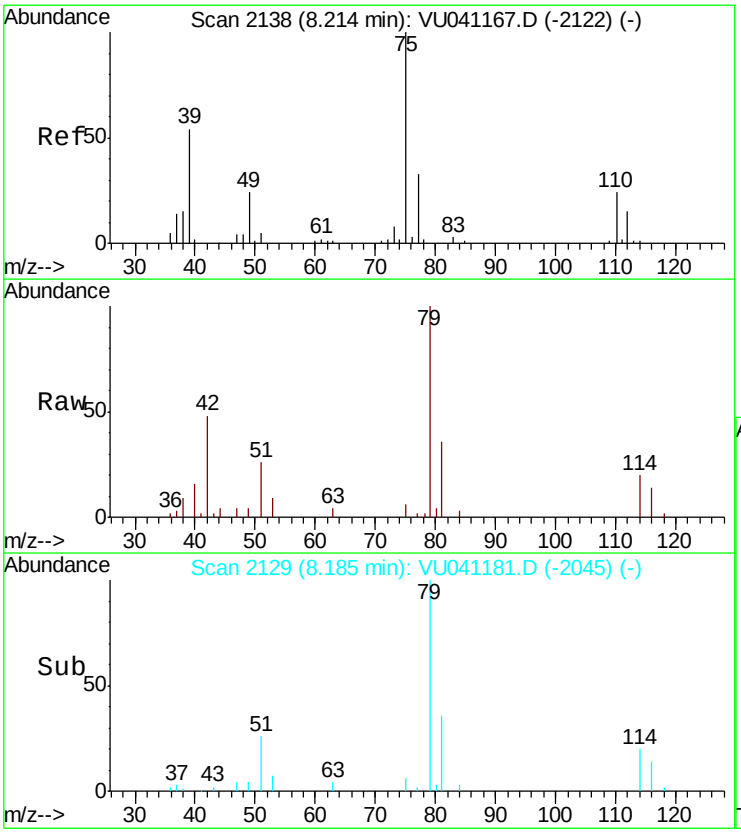
#39
cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Tgt Ion: 75 Resp: 756

Ion	Ratio	Lower	Upper
75	100		
77	36.3	22.7	42.3

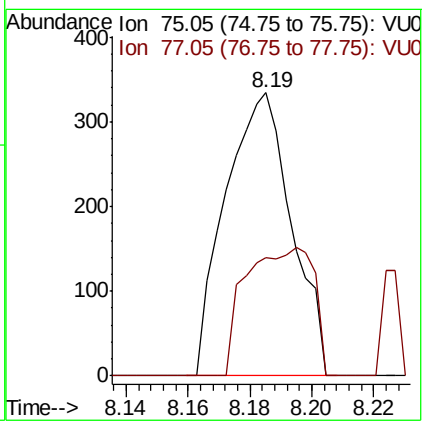


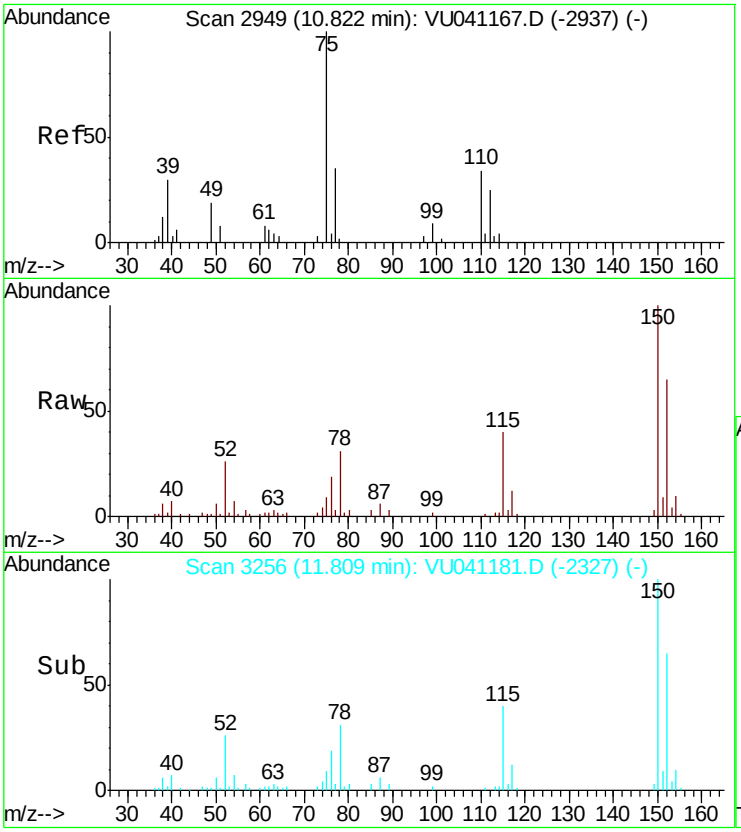


#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Tgt Ion: 75 Resp: 496

Ion	Ratio	Lower	Upper
75	100		
77	41.6	23.3	43.3





#59
1,2,3-Trichloropropane
Concen: 0.942 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041181.D
Acq: 10 Nov 2020 16:28

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Tgt Ion: 75 Resp: 3166

Ion	Ratio	Lower	Upper
75	100		
77	40.1	25.7	38.5#