Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040799.D
Acq On : 19 Oct 2020 13:00
Operator : SY/MD
Sample : L4421-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Quant Time: Oct 20 01:37:14 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	118166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51287	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	48752	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.93	69	41855	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.80%			
11) 1,1-Dichloroethene-d2	2.58	63	77324	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	4.66	46	167990	53.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.24%			
24) Chloroform-d	5.08	84	90238	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.72	65	57040	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
32) Benzene-d6	5.74	84	172249	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.70	67	57412	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.91	98	138771	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	8.19	79	22114	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.64	63	118097	48.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.62%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49305	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	54052	5.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.60%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	614	0.061	ug/L #	43
5) Vinyl chloride	1.61	62	369	0.035	ug/L #	1
8) Chloroethane	1.95	64	232	0.035	ug/L #	53
12) 1,1-Dichloroethene	2.58	96	505	0.060	ug/L #	1
25) Chloroform	5.11	83	4779	0.256	ug/L	95
33) Benzene	5.75	78	1554	0.039	ug/L	100
35) Methylcyclohexane	6.70	83	13265	0.907	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6452	0.582	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1598	0.106	ug/L	88
44) trans-1,3-Dichloropropene	8.19	75	1091	0.078	ug/L #	70
48) 2-Hexanone	8.64	43	16956	2.578	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	7099	0.872	ug/L	90

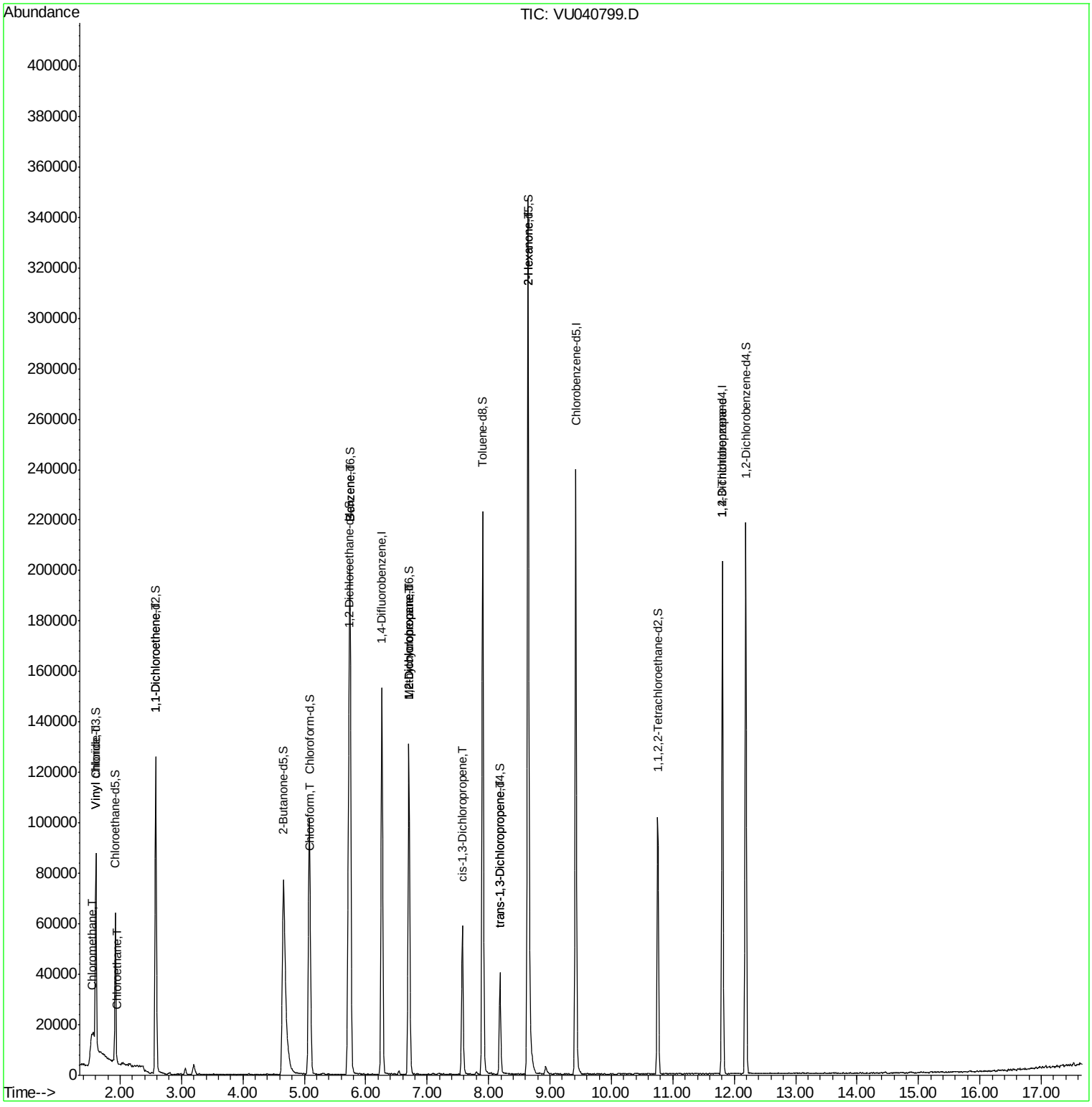
(#) = qualifier out of range (m) = manual integration (+) = signals summed

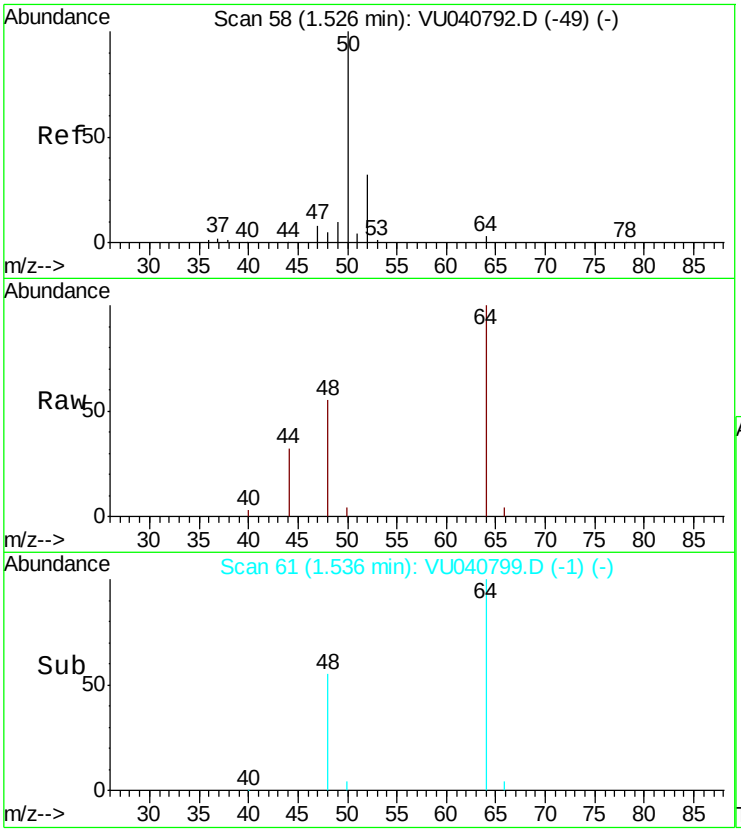
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040799.D
Acq On : 19 Oct 2020 13:00
Operator : SY/MD
Sample : L4421-22
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Oct 20 01:37:14 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



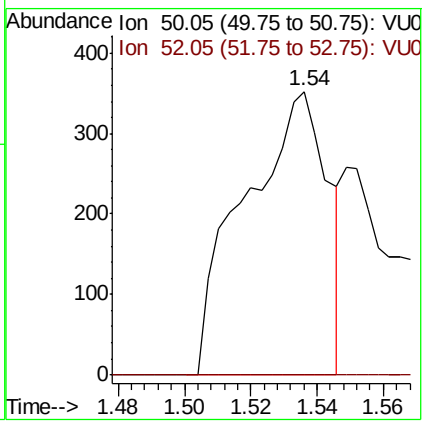


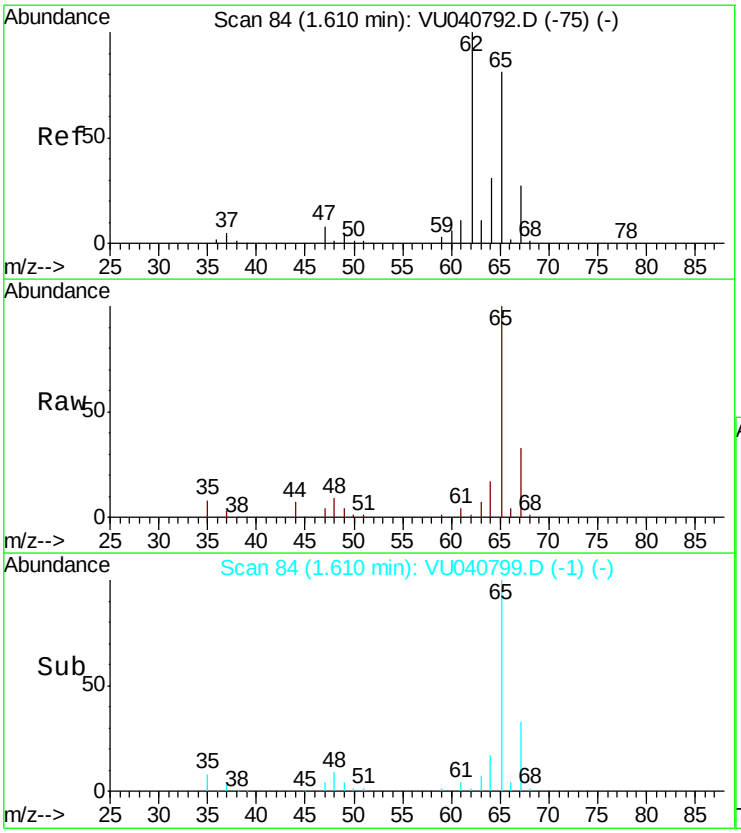
#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.01 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Tgt Ion: 50 Resp: 614

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.9	40.7#

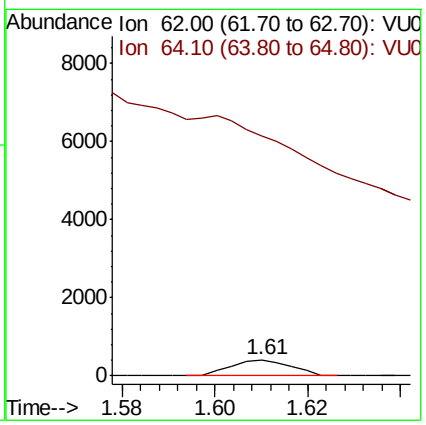


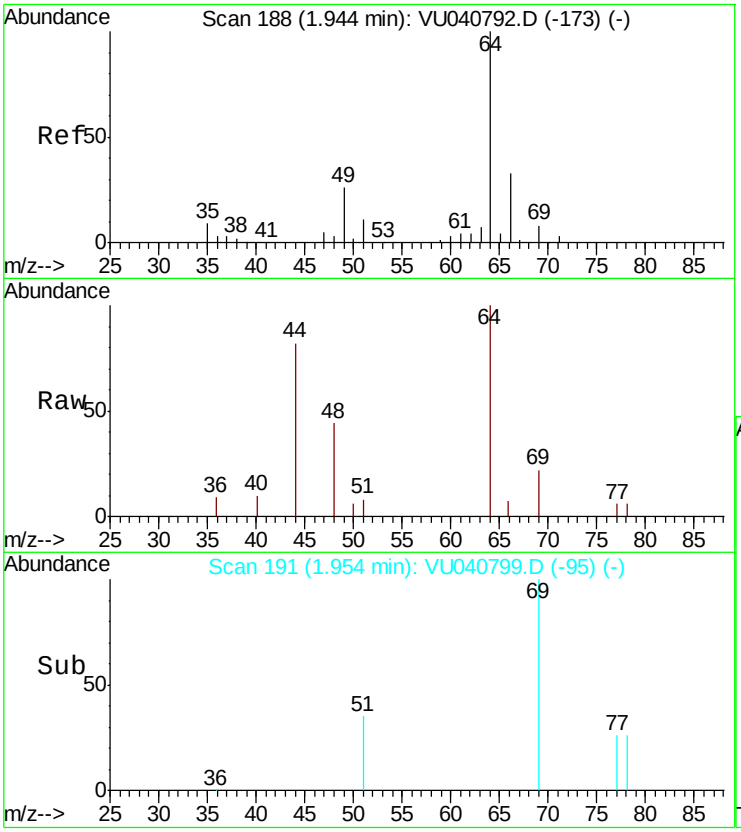


#5
Vinyl chloride
Concen: 0.035 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Tgt Ion: 62 Resp: 369

Ion	Ratio	Lower	Upper
62	100		
64	1493.7	23.7	44.1#



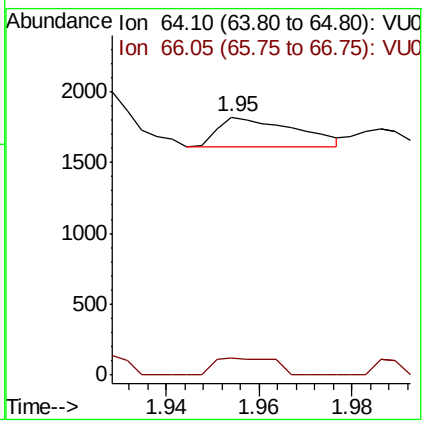


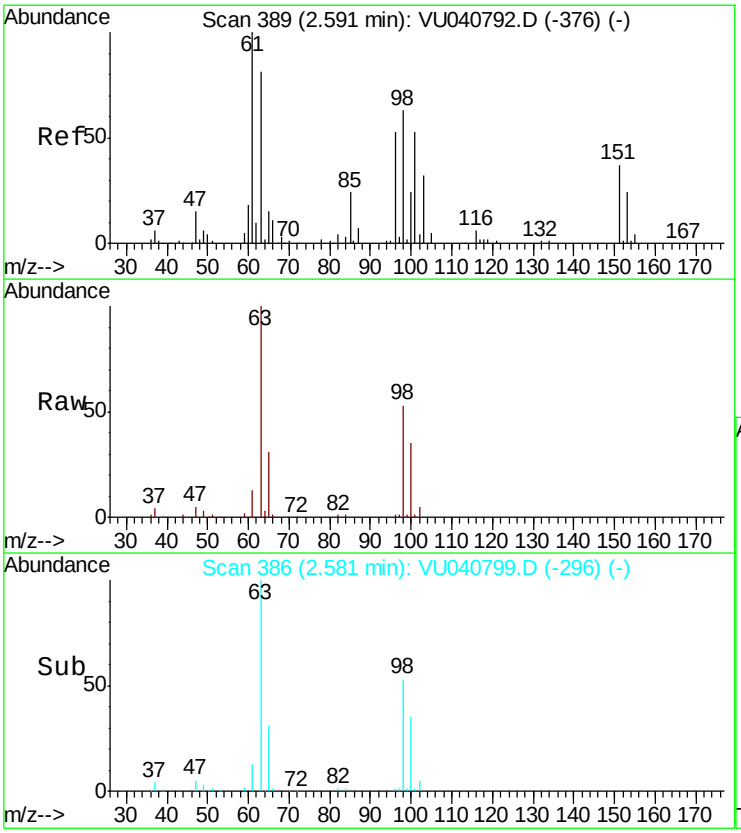
#8
Chloroethane
Concen: 0.035 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 64 Resp: 232

Ion	Ratio	Lower	Upper
64	100		
66	6.5	23.3	43.3#

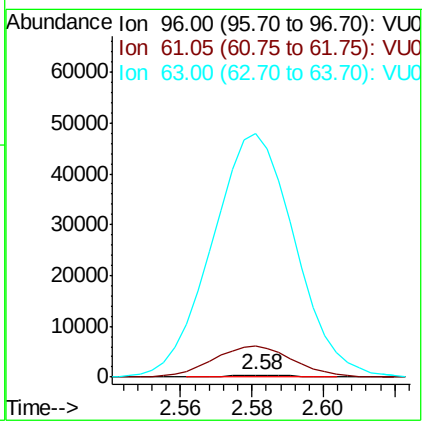


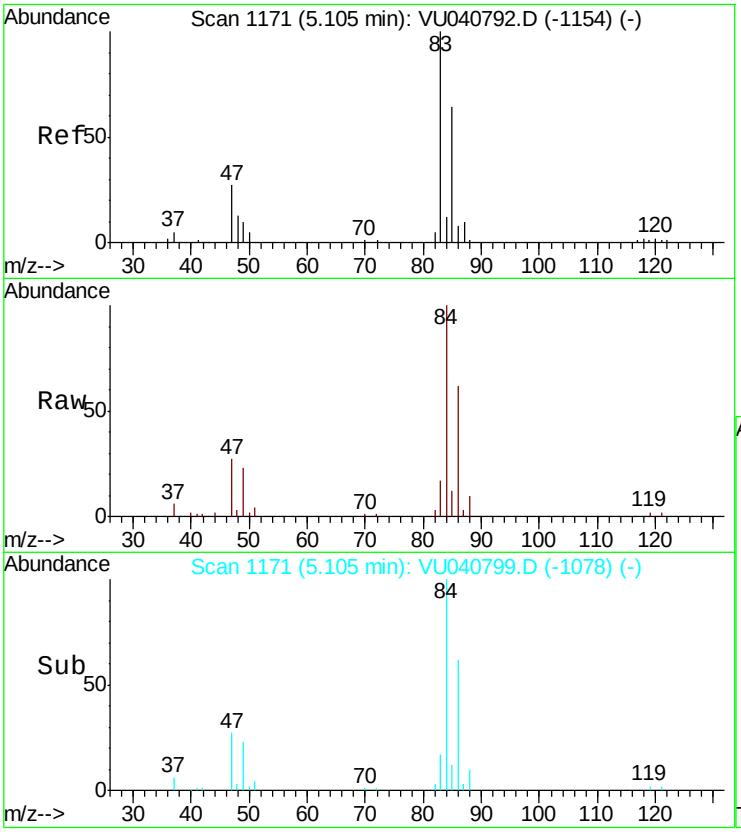


#12
1,1-Dichloroethene
Concen: 0.060 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Tgt Ion: 96 Resp: 505

Ion	Ratio	Lower	Upper
96	100		
61	1504.8	128.8	239.2#
63	11980.0	84.6	157.2#



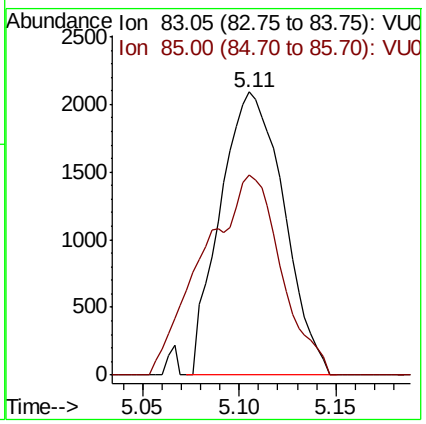


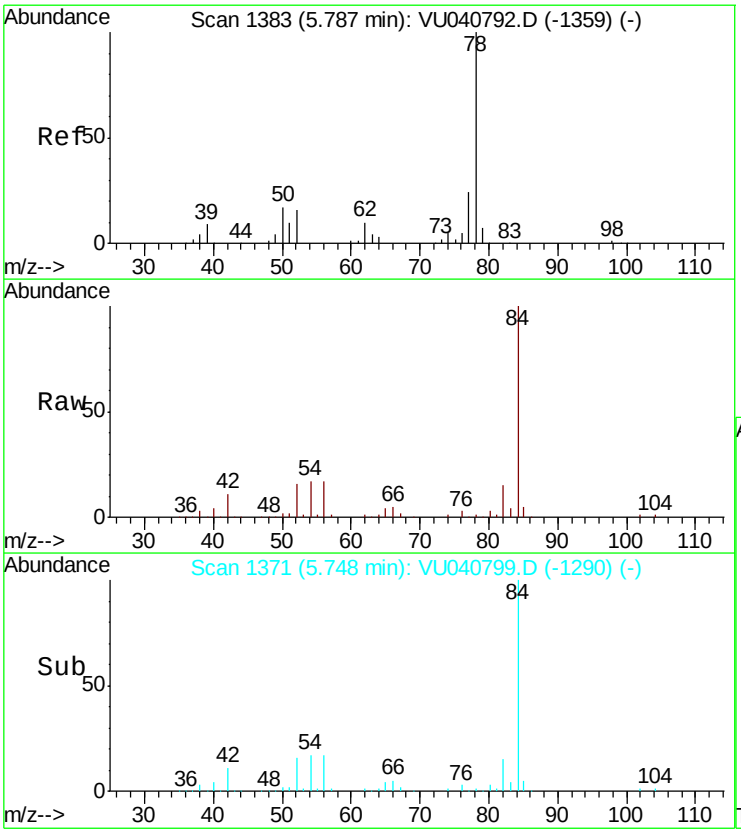
#25
Chloroform
Concen: 0.256 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 4779

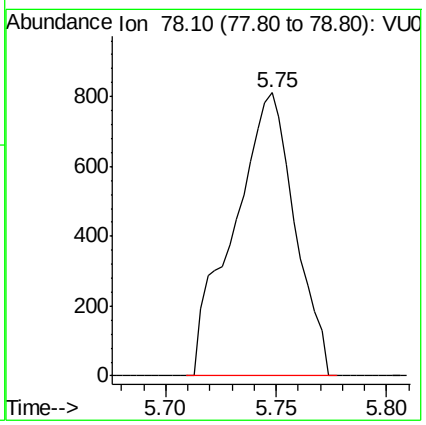
Ion	Ratio	Lower	Upper
83	100		
85	70.5	46.5	86.5

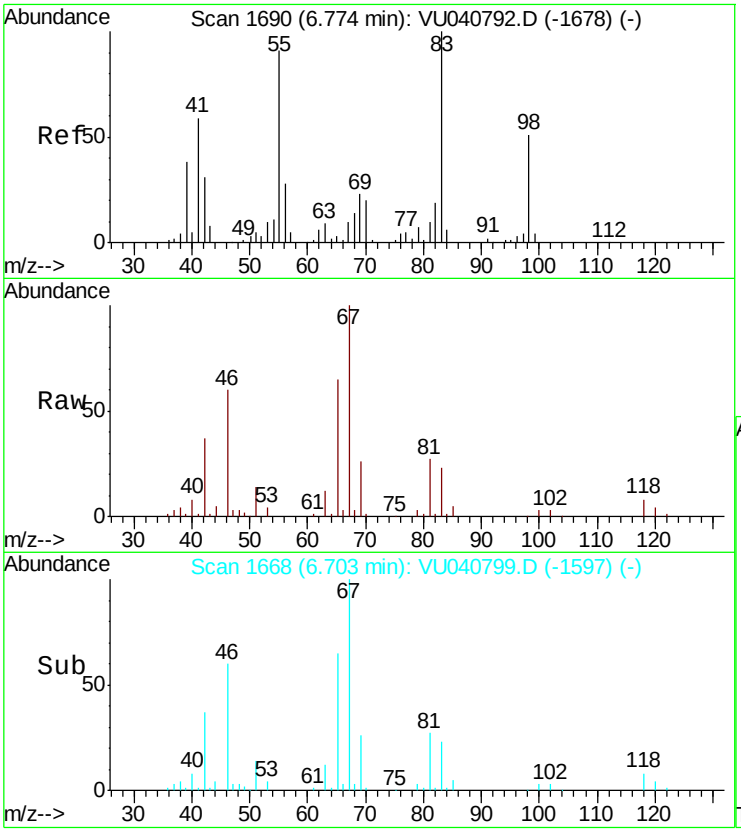




#33
Benzene
Concen: 0.039 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Tgt Ion: 78 Resp: 1554



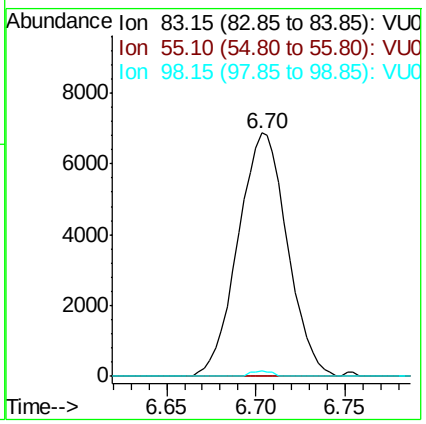


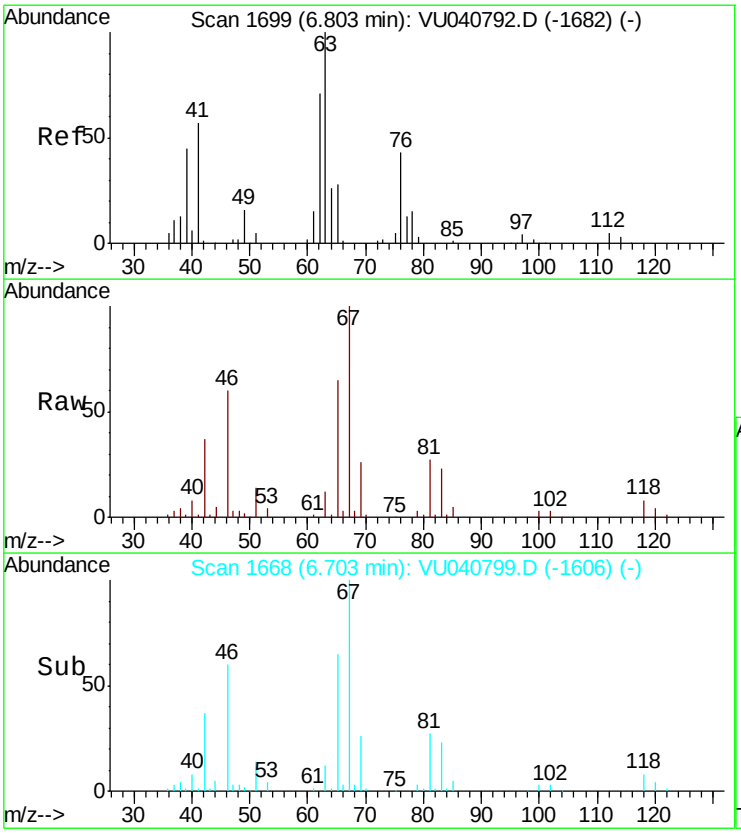
#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 13265

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.9	38.4	57.6#

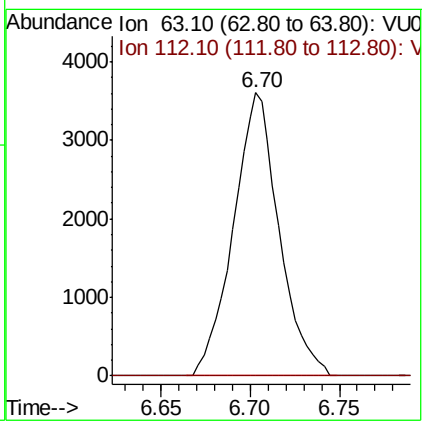


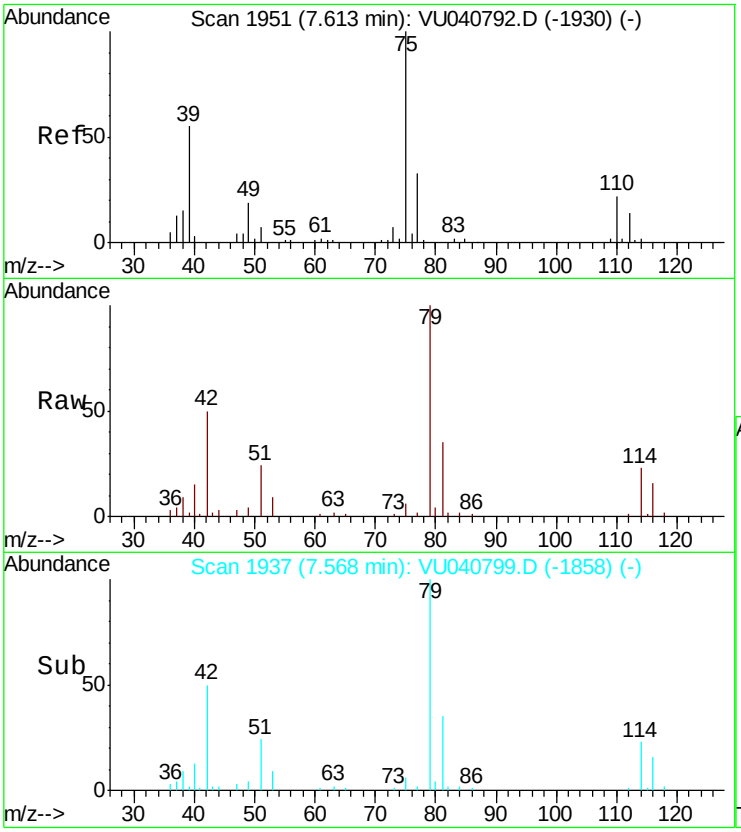


#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Tgt Ion: 63 Resp: 6452

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



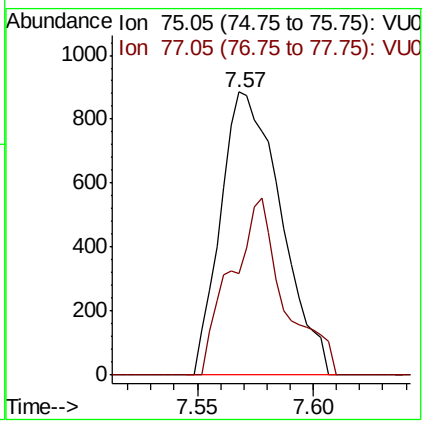


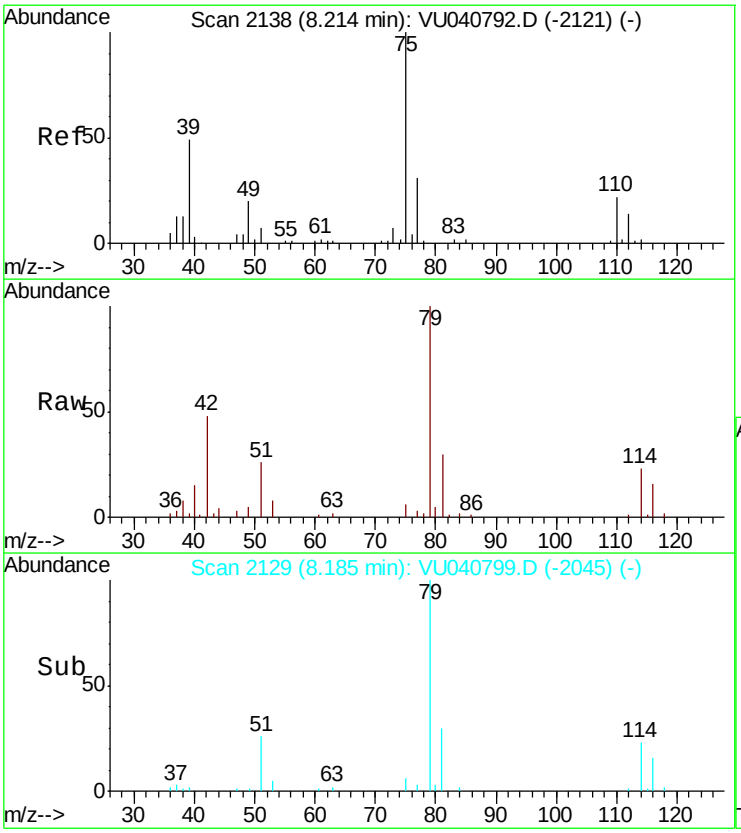
#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 1598

Ion	Ratio	Lower	Upper
75	100		
77	35.8	20.5	38.1

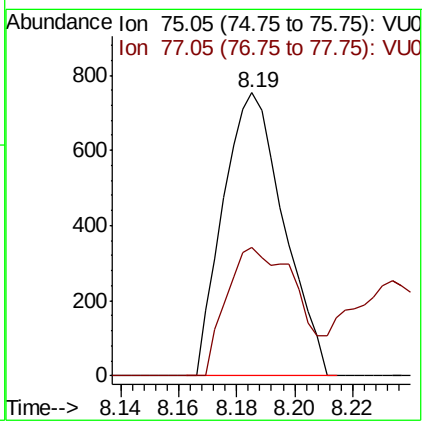


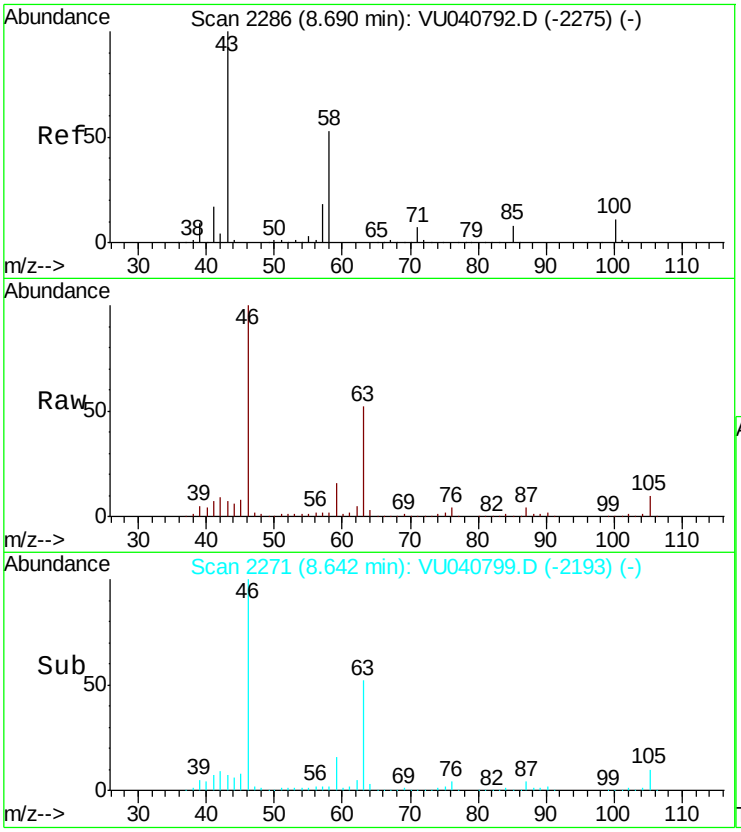


#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Tgt Ion: 75 Resp: 1091

Ion	Ratio	Lower	Upper
75	100		
77	45.4	20.4	38.0#



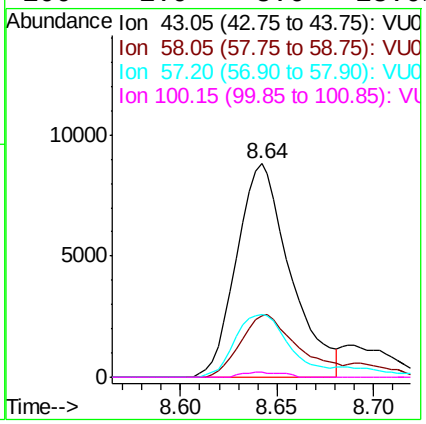


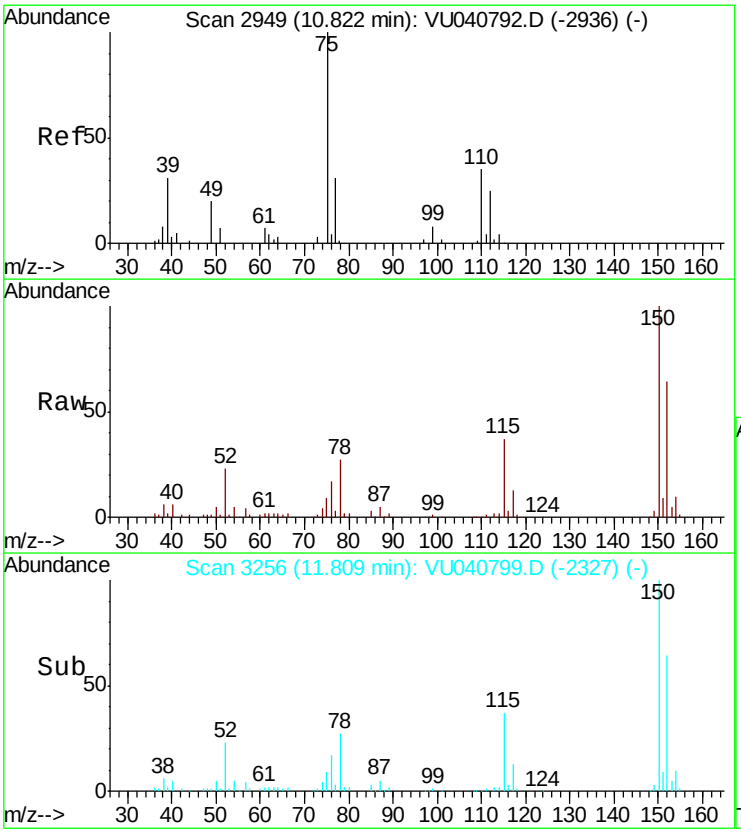
#48
2-Hexanone
Concen: 2.578 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Tgt Ion: 43 Resp: 16956

Ion	Ratio	Lower	Upper
43	100		
58	31.7	41.0	61.6#
57	30.2	14.4	21.6#
100	1.9	8.6	13.0#





#59
1,2,3-Trichloropropane
Concen: 0.872 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040799.D
Acq: 19 Oct 2020 13:00

Tgt Ion: 75 Resp: 7099

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.4	39.6