Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040789.D
Acq On : 18 Oct 2020 02:14
Operator : SY/MD
Sample : L4354-21
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:12:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124735	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51082	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	47072	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.93	69	33059	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.00%			
11) 1,1-Dichloroethene-d2	2.58	63	57283	2.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.80%#			
20) 2-Butanone-d5	4.67	46	194539	58.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.64%			
24) Chloroform-d	5.08	84	86932	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.72	65	54526	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.74	84	150299	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	6.70	67	53760	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.91	98	111355	3.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18976	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.64	63	123398	48.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.10%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51624	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47786	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	3309	0.313	ug/L #	74
5) Vinyl chloride	1.61	62	1630233	146.469	ug/L	99
8) Chloroethane	2.16	64	1179	0.166	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	488	0.047	ug/L #	1
12) 1,1-Dichloroethene	2.59	96	1797	0.202	ug/L #	1
14) Carbon disulfide	2.82	76	2625	0.105	ug/L	98
17) Methyl tert-butyl Ether	3.39	73	3652	0.145	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	2092	0.225	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	582781	58.007	ug/L	96
34) Trichloroethene	6.56	95	12310	1.125	ug/L	96
35) Methylcyclohexane	6.70	83	12254	0.790	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6054	0.515	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1271	0.079	ug/L #	65
44) trans-1,3-Dichloropropene	8.19	75	786	0.053	ug/L #	34
47) Tetrachloroethene	8.56	164	12482	1.599	ug/L	96
48) 2-Hexanone	8.64	43	17360	2.487	ug/L #	75
49) Dibromochloromethane	8.56	129	11879	1.172	ug/L #	9

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040789.D
Acq On : 18 Oct 2020 02:14
Operator : SY/MD
Sample : L4354-21
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:12:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.70	106	1412	0.083	ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	6986	0.809	ug/L	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101720\
Data File : VU040789.D
Acq On : 18 Oct 2020 02:14
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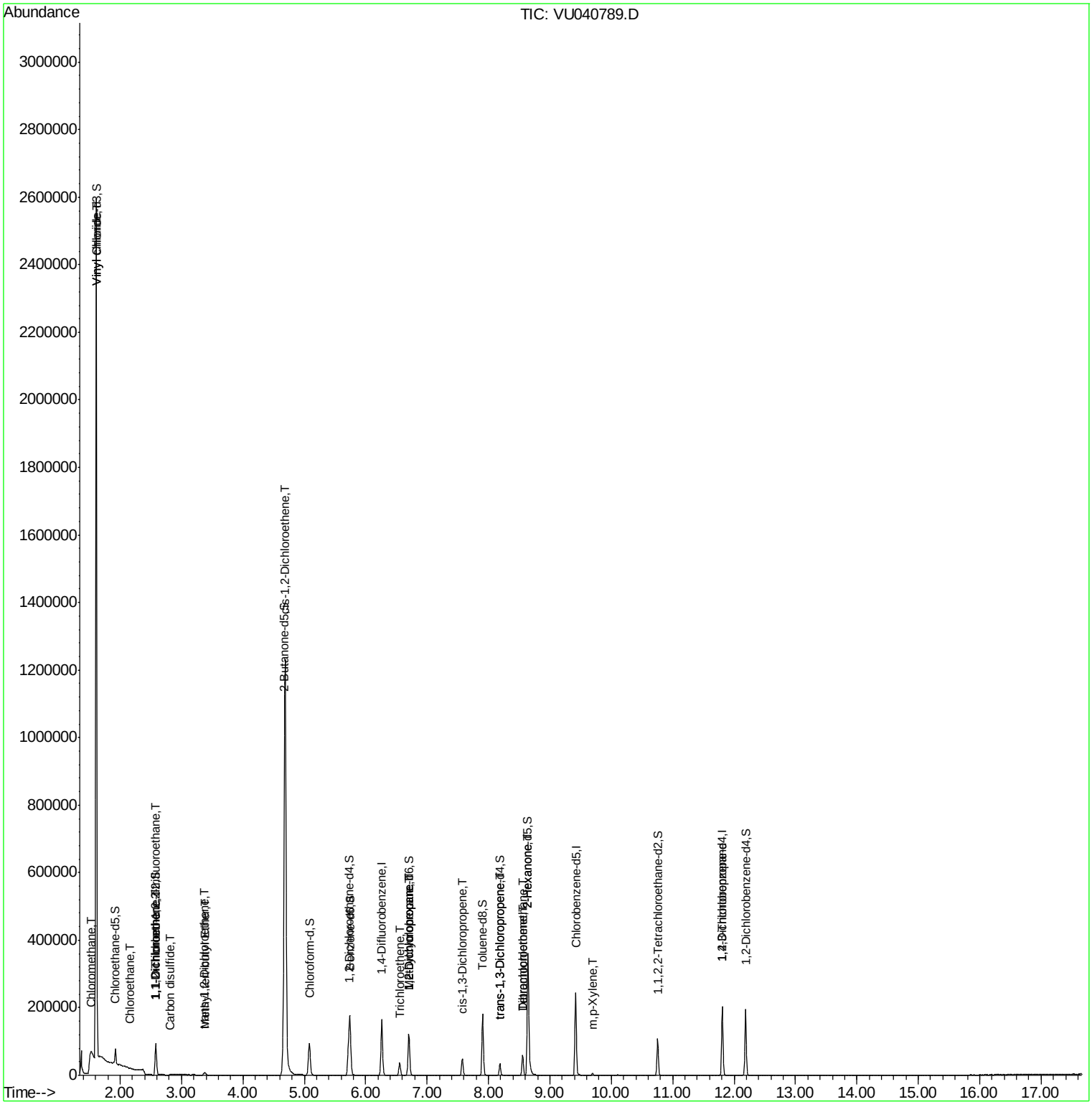
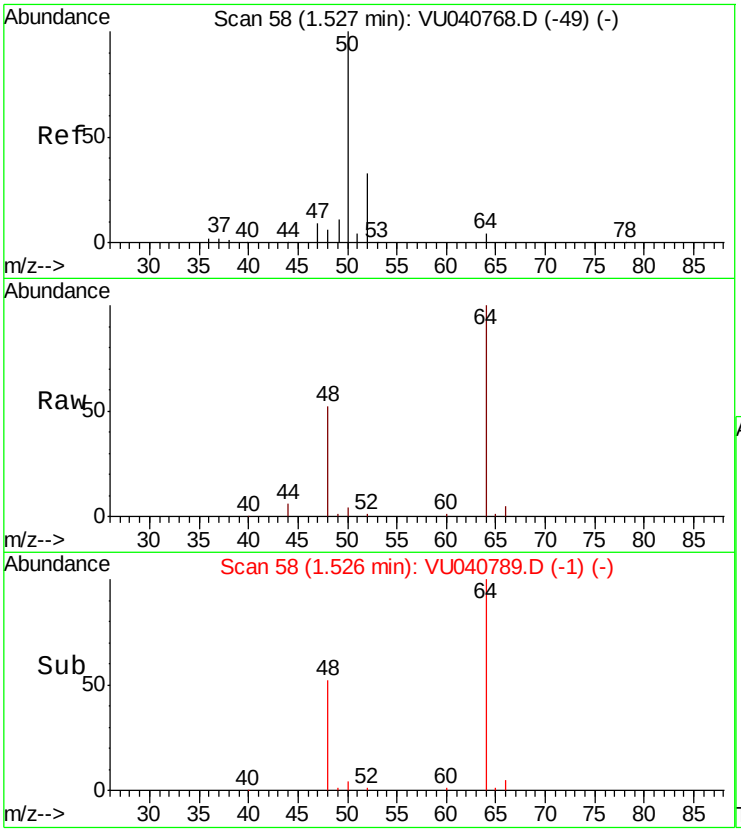


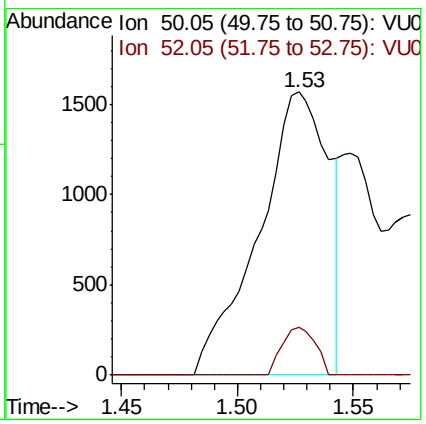


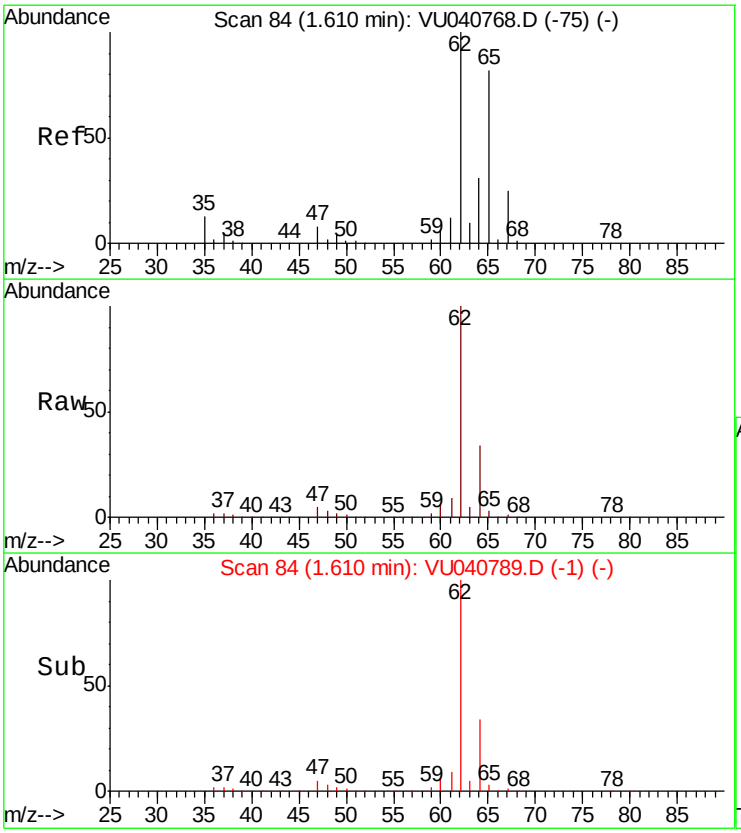
#3
Chloromethane
Concen: 0.313 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 3309

Ion	Ratio	Lower	Upper
50	100		
52	17.0	21.9	40.7#

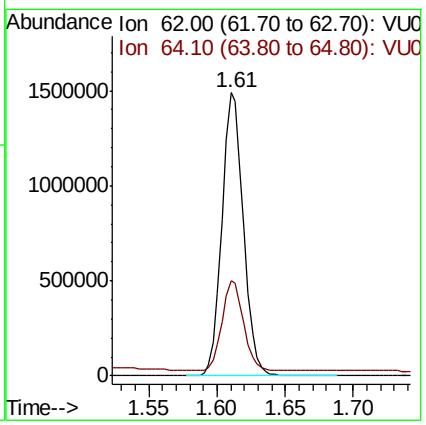


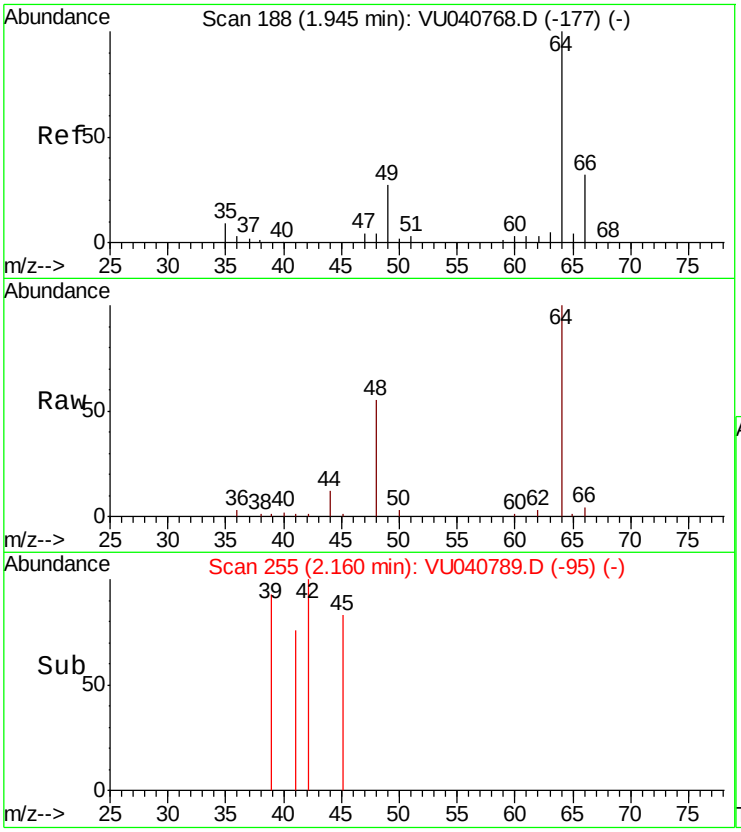


#5
Vinyl chloride
Concen: 146.469 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 62 Resp: 1630233

Ion	Ratio	Lower	Upper
62	100		
64	33.6	23.7	44.1



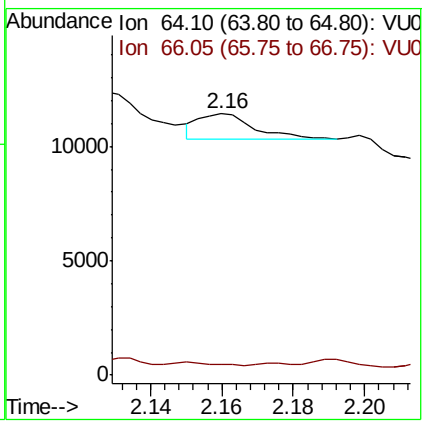


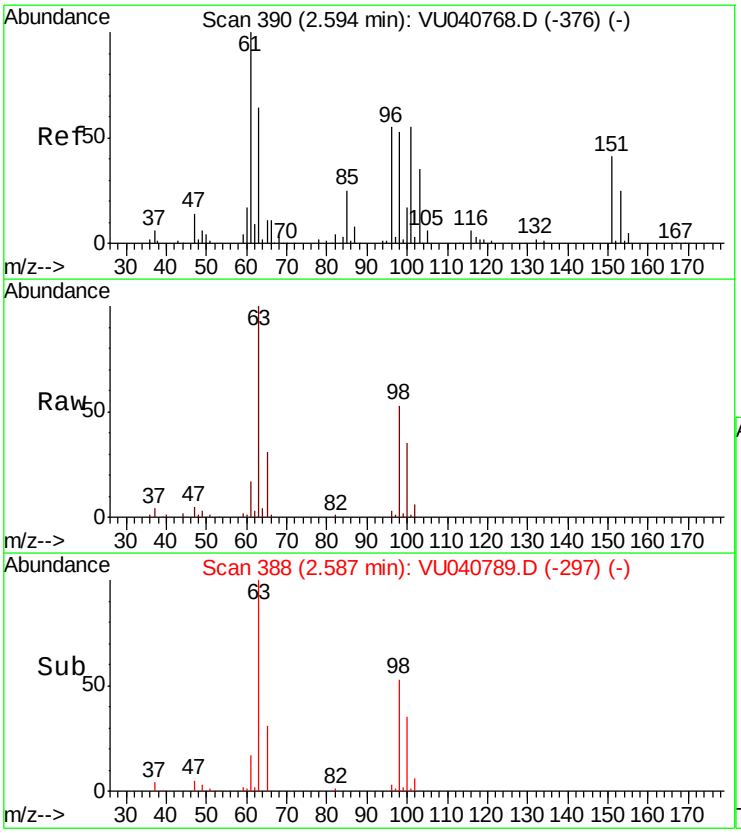
#8
Chloroethane
Concen: 0.166 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.22 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 1179

Ion	Ratio	Lower	Upper
64	100		
66	4.1	23.3	43.3#

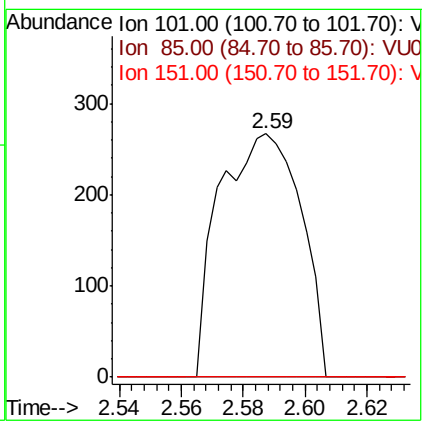


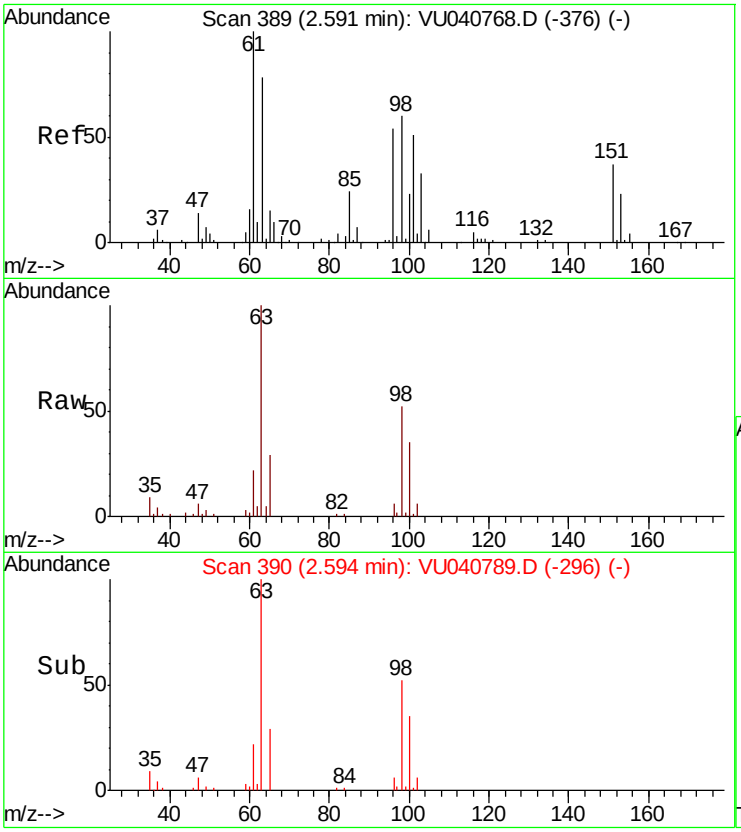


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion:101 Resp: 488

Ion	Ratio	Lower	Upper
101	100		
85	230.5	36.7	55.1#
151	0.0	58.0	87.0#



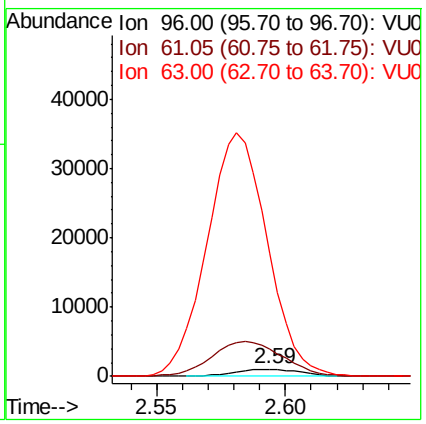


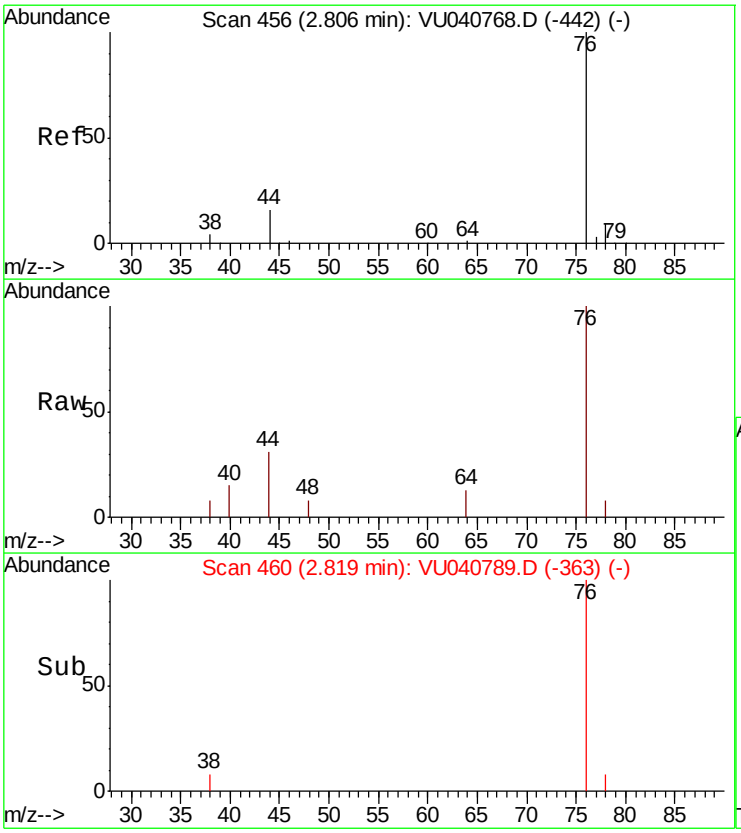
#12
1,1-Dichloroethene
Concen: 0.202 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1797

Ion	Ratio	Lower	Upper
96	100		
61	388.1	128.8	239.2#
63	1765.2	84.6	157.2#

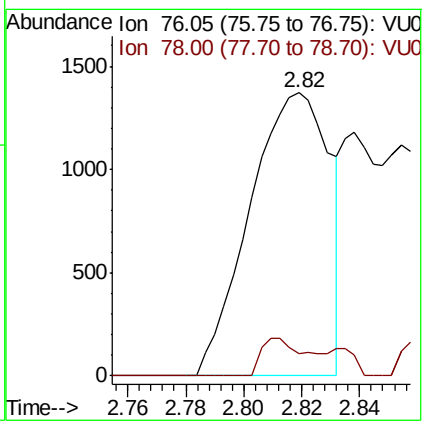


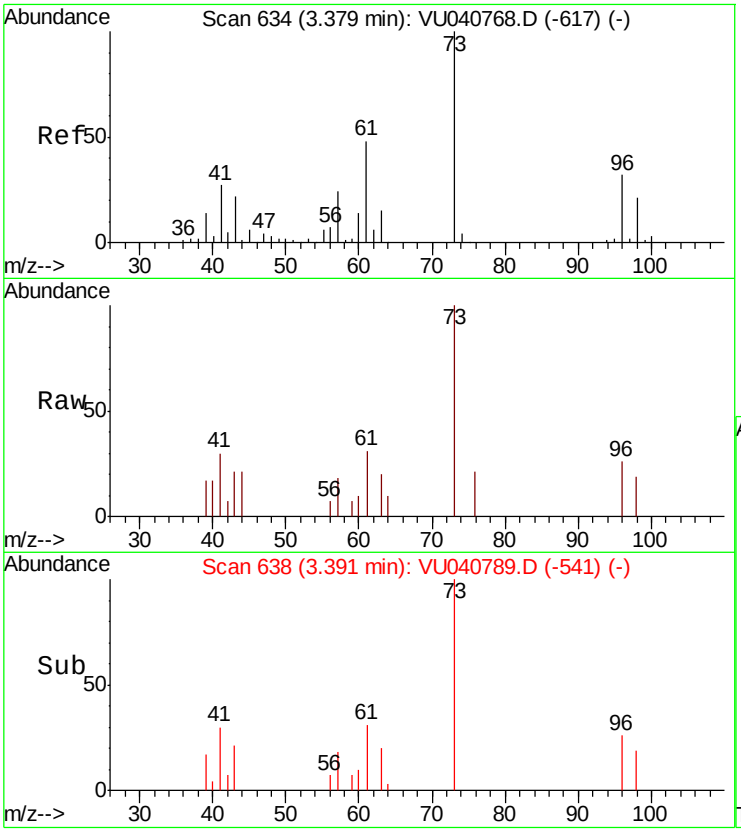


#14
Carbon disulfide
Concen: 0.105 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.01 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 76 Resp: 2625

Ion	Ratio	Lower	Upper
76	100		
78	7.9	6.8	10.2



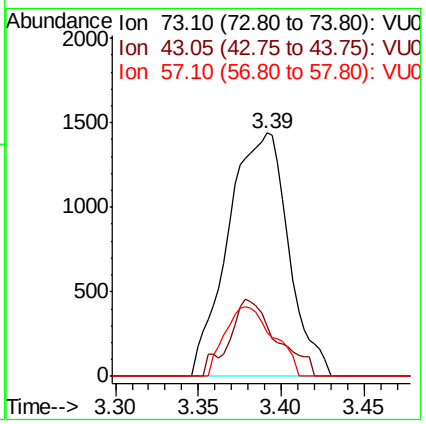


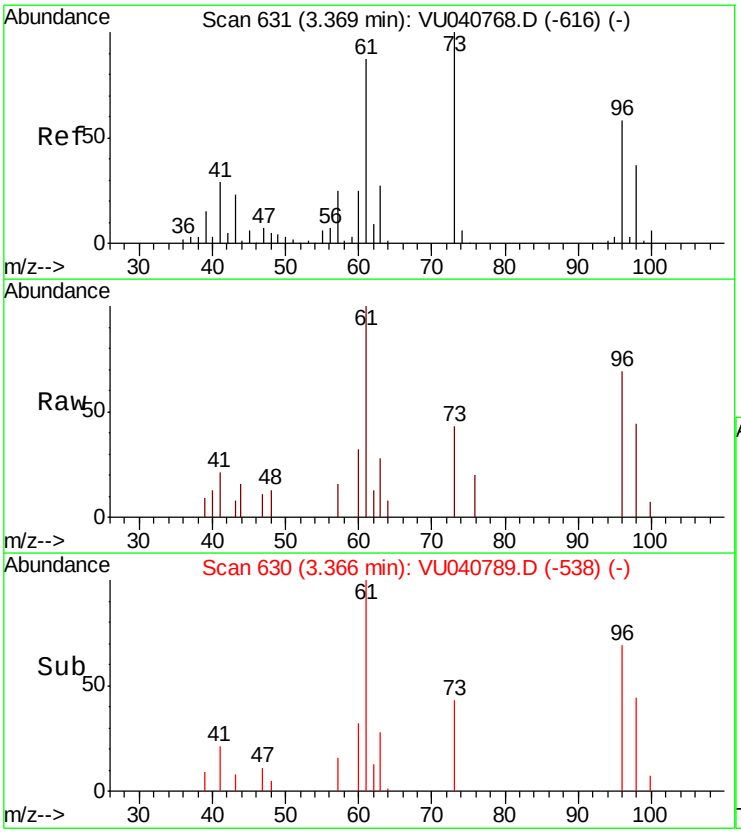
#17
Methyl tert-butyl Ether
Concen: 0.145 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.01 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 3652

Ion	Ratio	Lower	Upper
73	100		
43	24.9	18.2	27.4
57	22.9	18.6	28.0

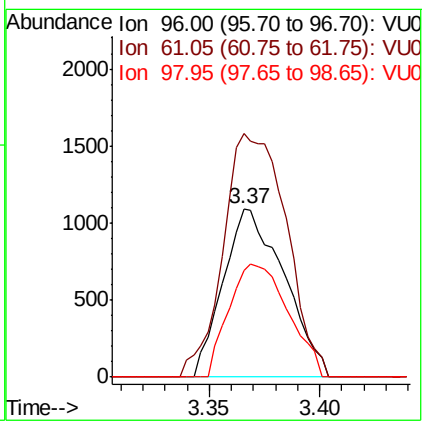


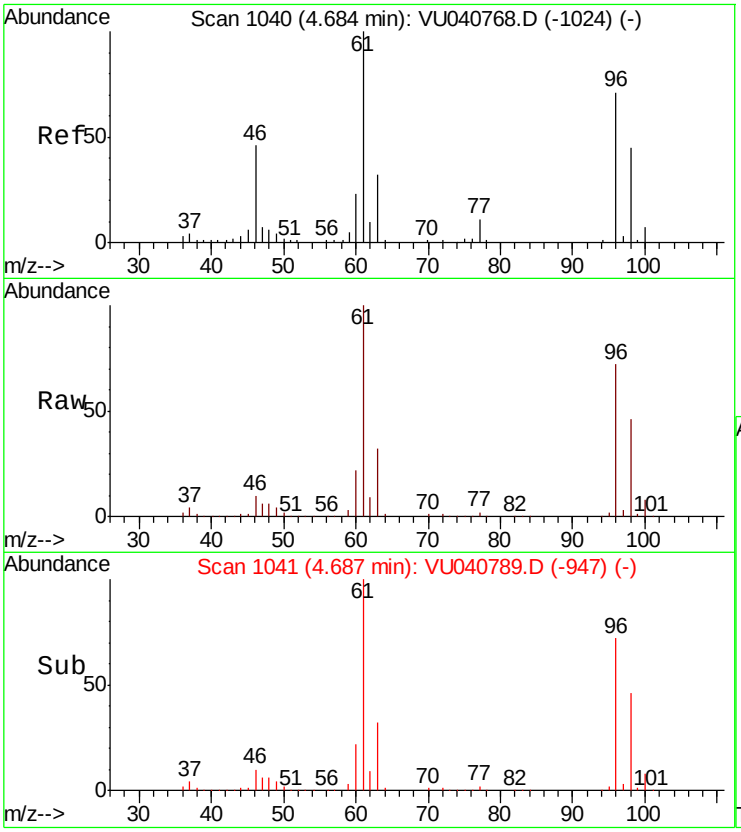


#18
trans-1,2-Dichloroethene
Concen: 0.225 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 96 Resp: 2092

Ion	Ratio	Lower	Upper
96	100		
61	144.7	105.9	196.7
98	63.2	43.8	81.3



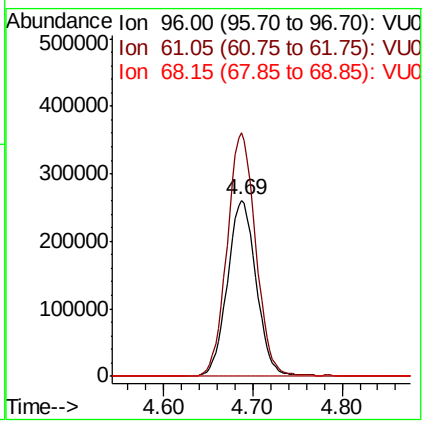


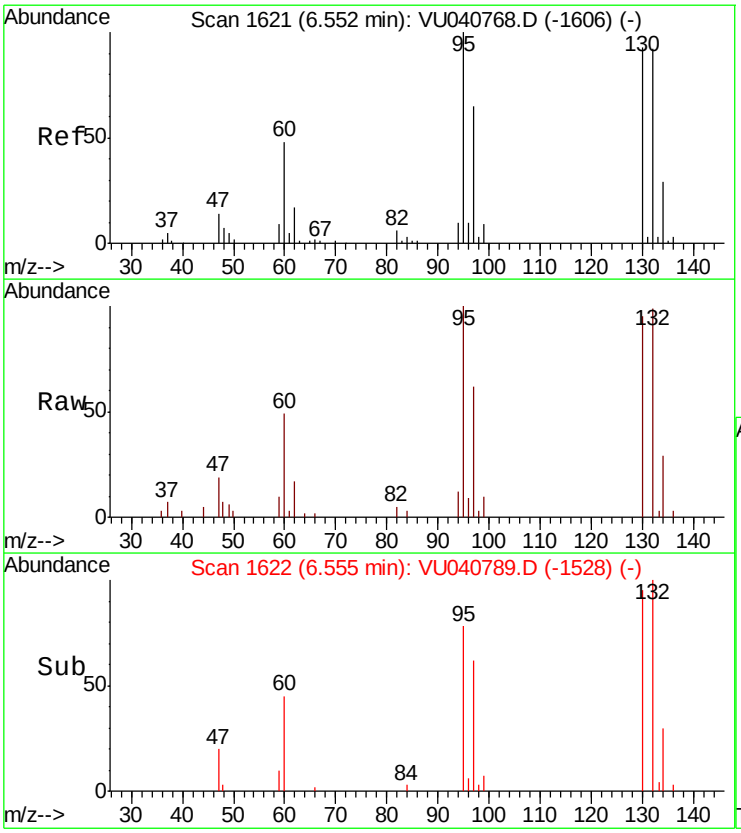
#22
cis-1,2-Dichloroethene
Concen: 58.007 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 582781

Ion	Ratio	Lower	Upper
96	100		
61	138.1	99.8	185.4
68	0.0	0.0	0.0

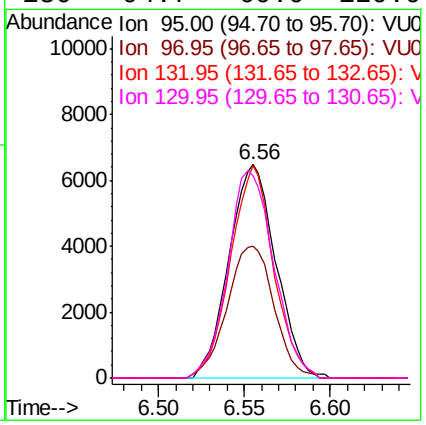


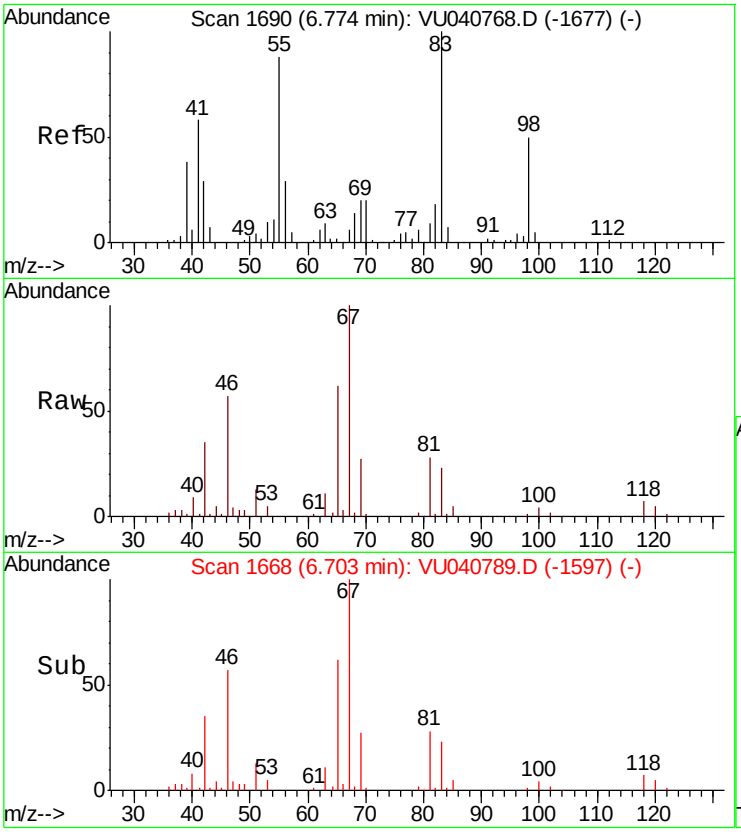


#34
Trichloroethene
Concen: 1.125 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 95 Resp: 12310

Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.5	84.5
132	99.5	67.5	125.4
130	94.7	69.9	129.9



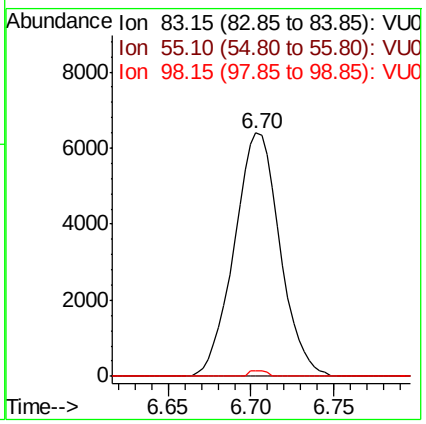


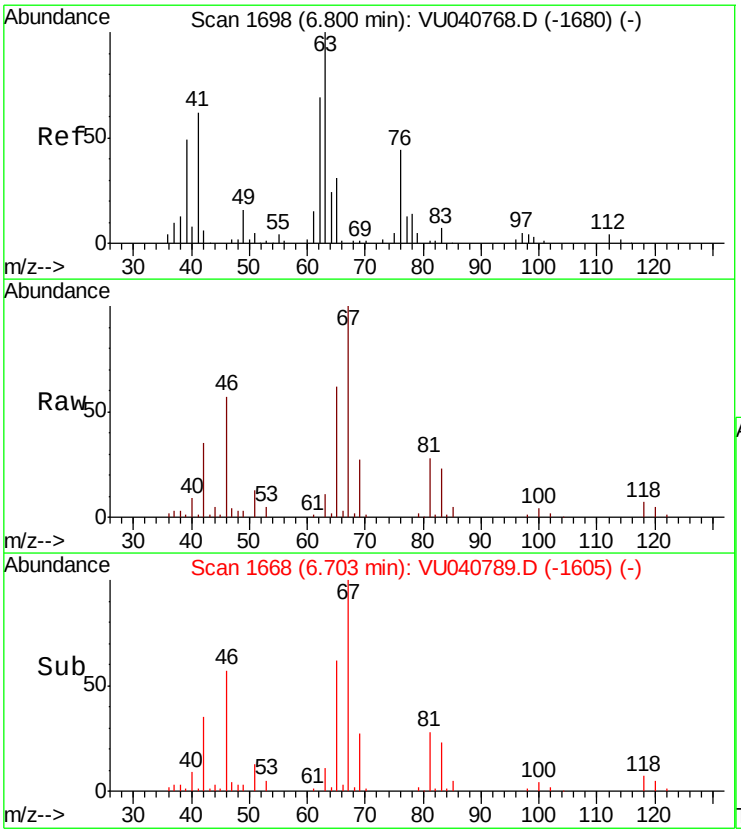
#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 12254

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

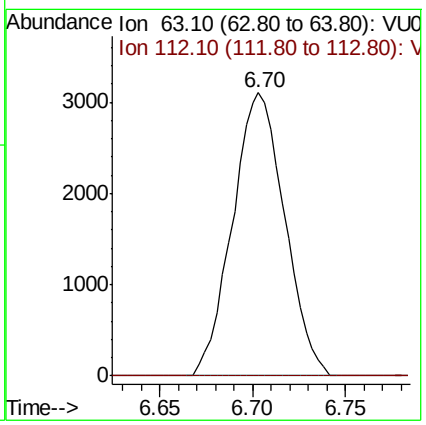


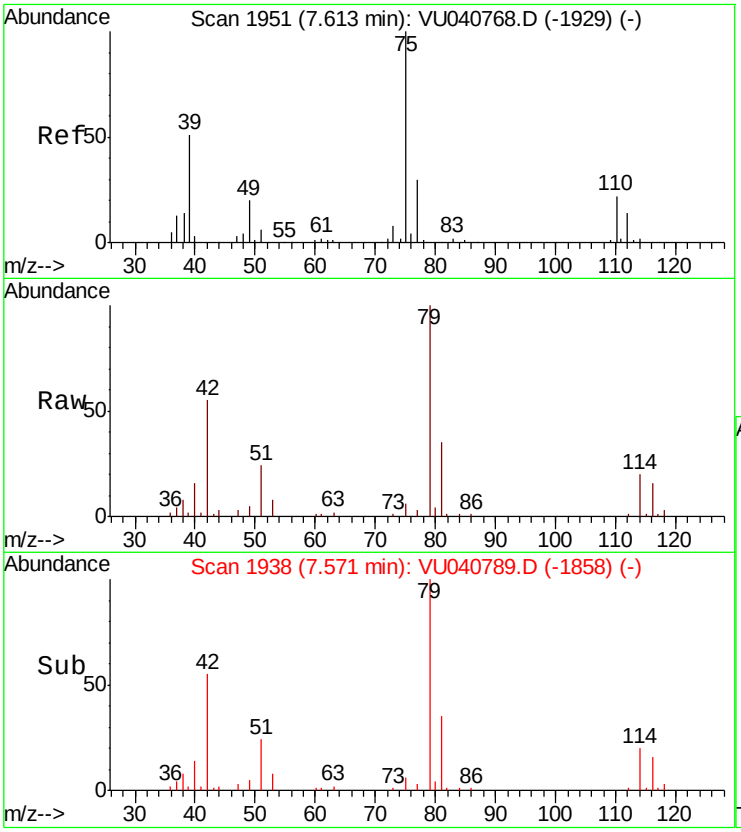


#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 63 Resp: 6054

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



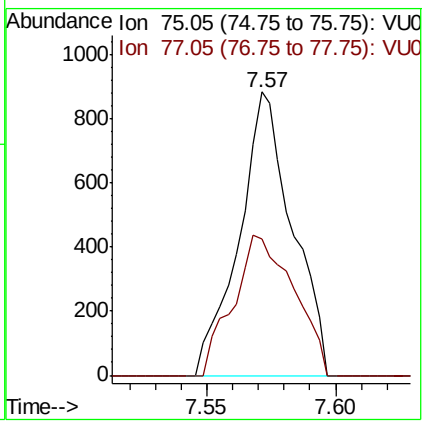


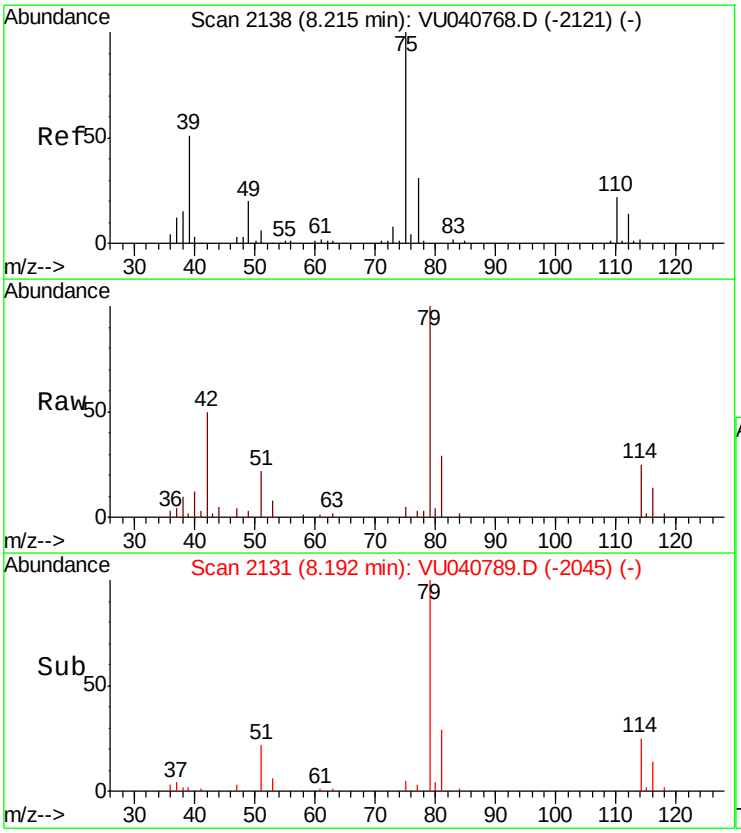
#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1271

Ion	Ratio	Lower	Upper
75	100		
77	48.1	20.5	38.1#

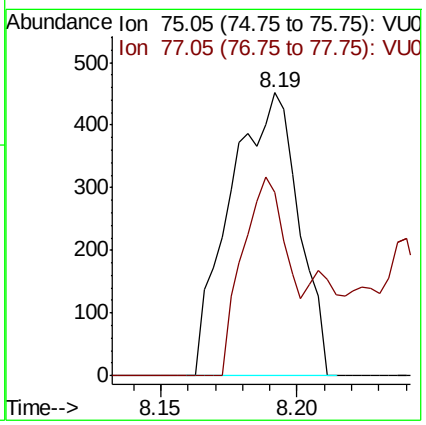


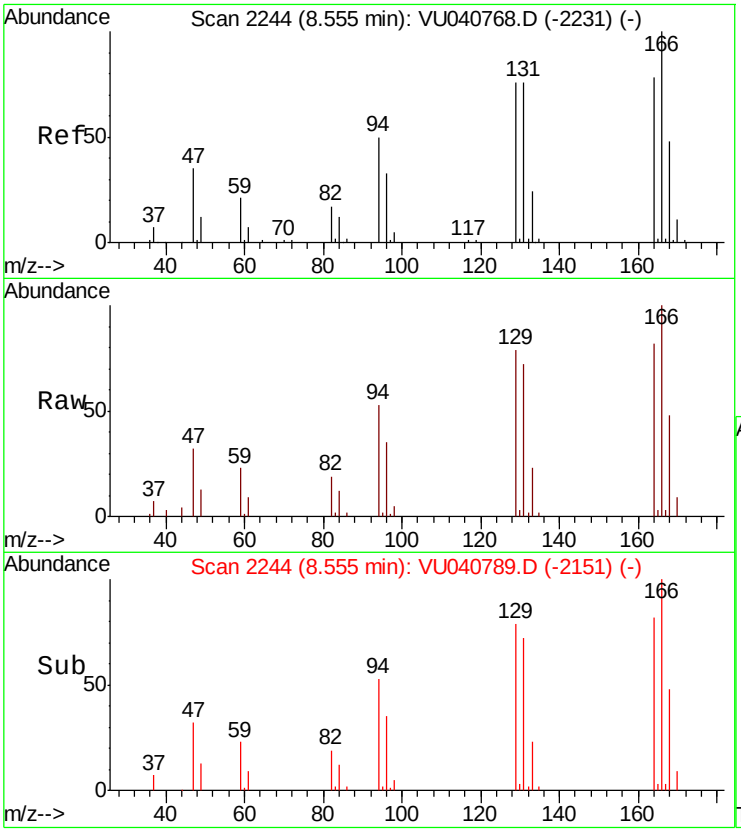


#44
trans-1,3-Dichloropropene
Concen: 0.053 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 75 Resp: 786

Ion	Ratio	Lower	Upper
75	100		
77	64.6	20.4	38.0#



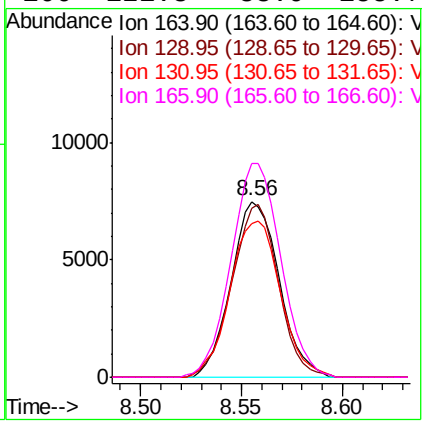


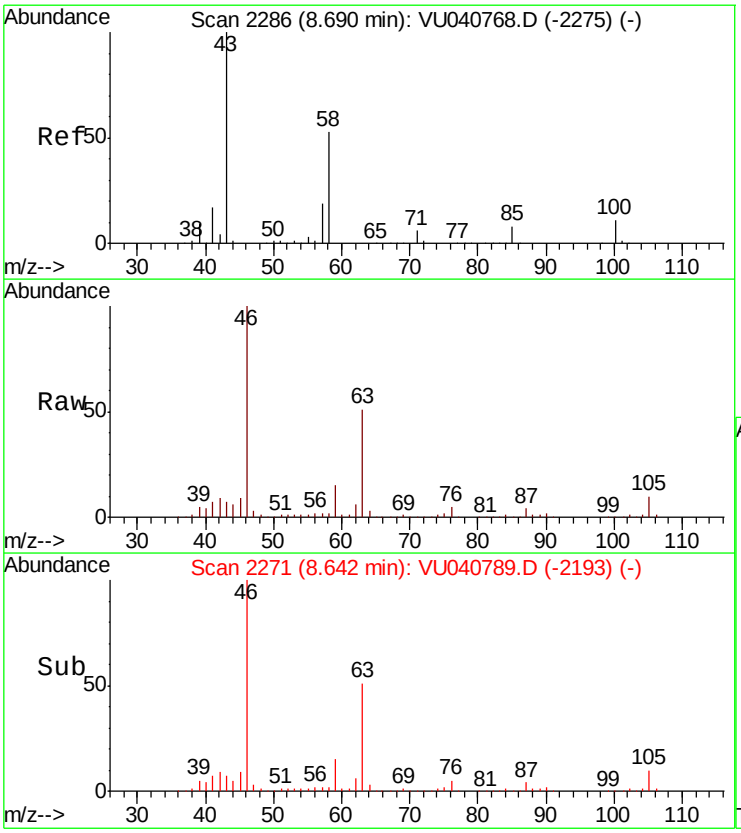
#47
Tetrachloroethene
Concen: 1.599 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 12482

Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.8	127.8
131	87.2	66.7	123.9
166	121.3	83.9	155.7

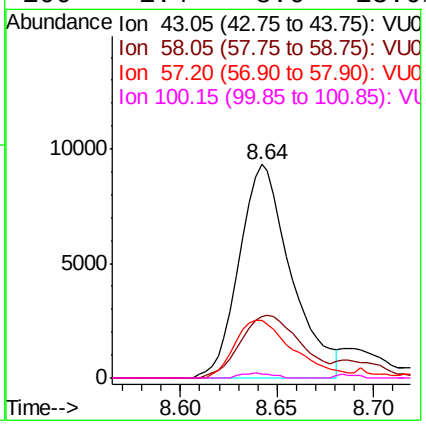


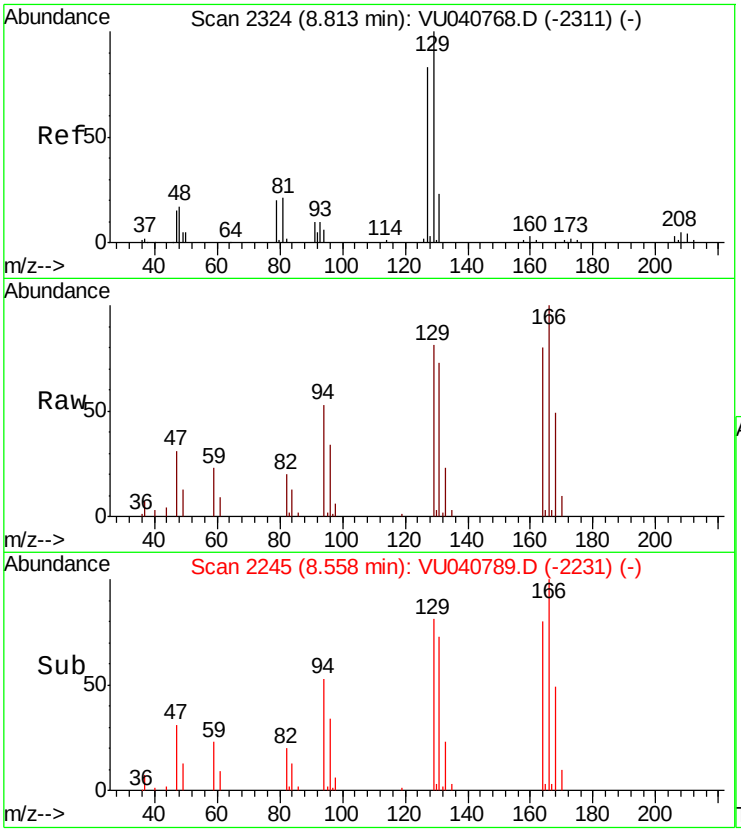


#48
2-Hexanone
Concen: 2.487 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 43 Resp: 17360

Ion	Ratio	Lower	Upper
43	100		
58	34.1	41.0	61.6#
57	30.5	14.4	21.6#
100	1.4	8.6	13.0#



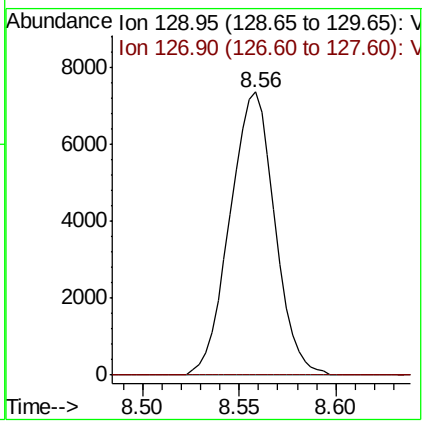


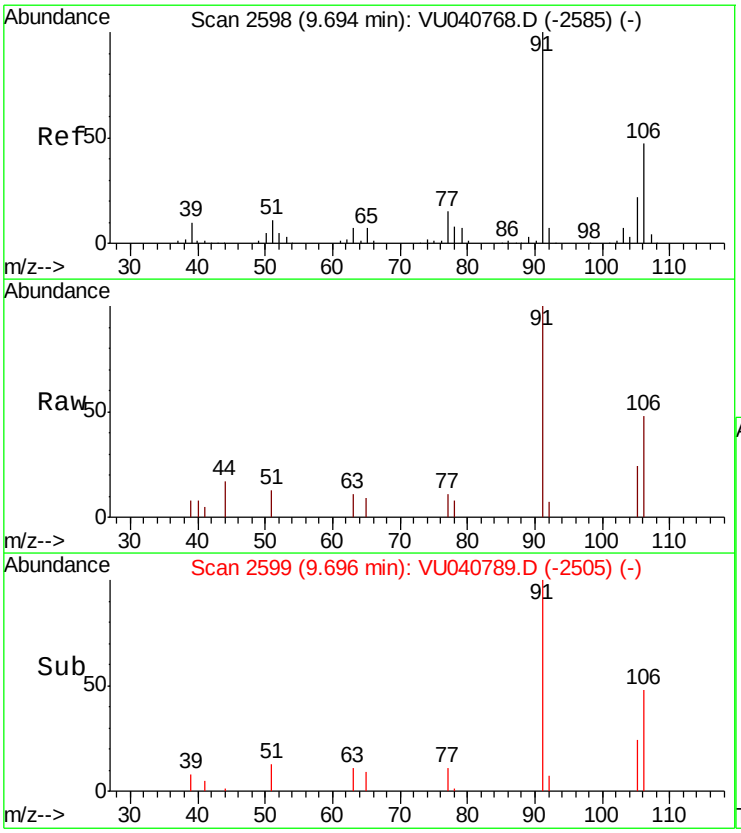
#49
Dibromochloromethane
Concen: 1.172 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 11879

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

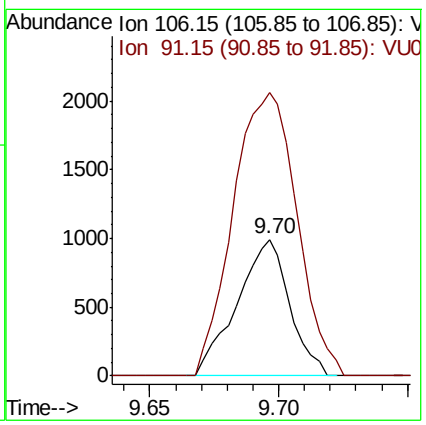


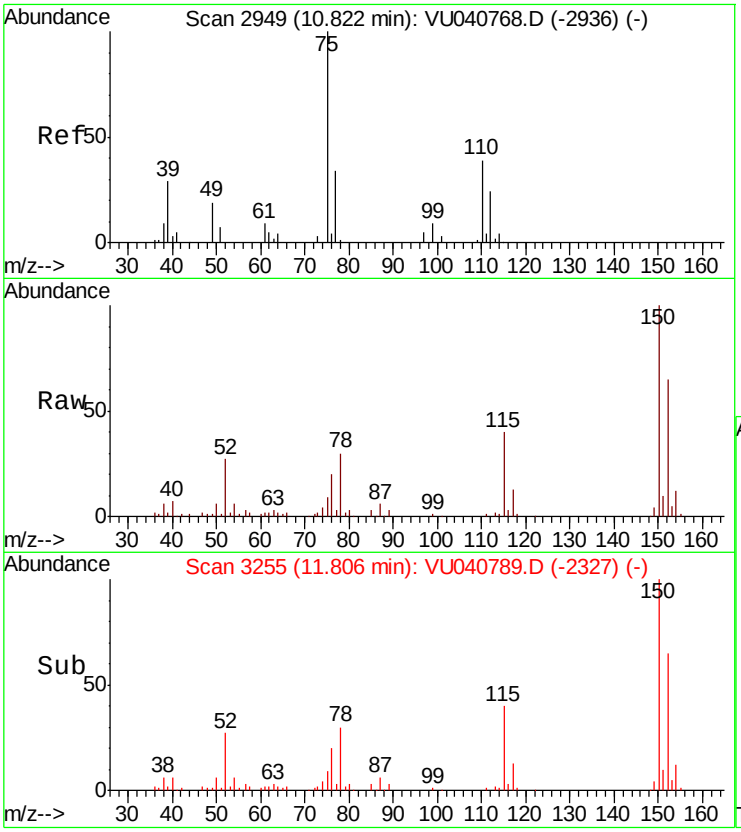


#53
m,p-Xylene
Concen: 0.083 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion:106 Resp: 1412

Ion	Ratio	Lower	Upper
106	100		
91	207.7	148.5	275.7





#59
1,2,3-Trichloropropane
Concen: 0.809 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6986

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.4	39.6