Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
Data File : VU040666.D
Acq On : 12 Oct 2020 18:06
Operator : SY/MD
Sample : L4345-16MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQY6MSD

Quant Time: Oct 13 04:43:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55930	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41399	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.92	69	37400	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.58	63	94428	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.66	46	173862	50.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.86%			
24) Chloroform-d	5.08	84	88150	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	53805	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.74	84	162226	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	56433	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.91	98	126256	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
43) trans-1,3-Dichloropropene-	8.19	79	22369	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.64	63	123877	48.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47314	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	52818	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	920	0.084	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	808	0.075	ug/L #	20
12) 1,1-Dichloroethene	2.59	96	46517	5.064	ug/L	96
13) Acetone	2.67	43	74289	28.074	ug/L	100
15) Methyl Acetate	2.95	43	1104	0.183	ug/L #	56
25) Chloroform	5.11	83	4867	0.240	ug/L	95
27) 1,2-Dichloroethane	5.79	62	2046	0.142	ug/L #	77
33) Benzene	5.79	78	207217	4.983	ug/L	100
34) Trichloroethene	6.56	95	146020	13.547	ug/L	99
35) Methylcyclohexane	6.70	83	12644	0.827	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6712	0.579	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1388	0.088	ug/L #	75
42) Toluene	7.98	91	206887	4.883	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	1092	0.075	ug/L #	77
47) Tetrachloroethene	8.56	164	14414	1.874	ug/L	98
48) 2-Hexanone	8.64	43	19751	2.872	ug/L #	68
49) Dibromochloromethane	8.56	129	13806	1.383	ug/L #	9

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
Data File : VU040666.D
Acq On : 12 Oct 2020 18:06
Operator : SY/MD
Sample : L4345-16MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQY6MSD

Quant Time: Oct 13 04:43:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	9.45	112	141916	5.085	ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	7420	0.872	ug/L #	79

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
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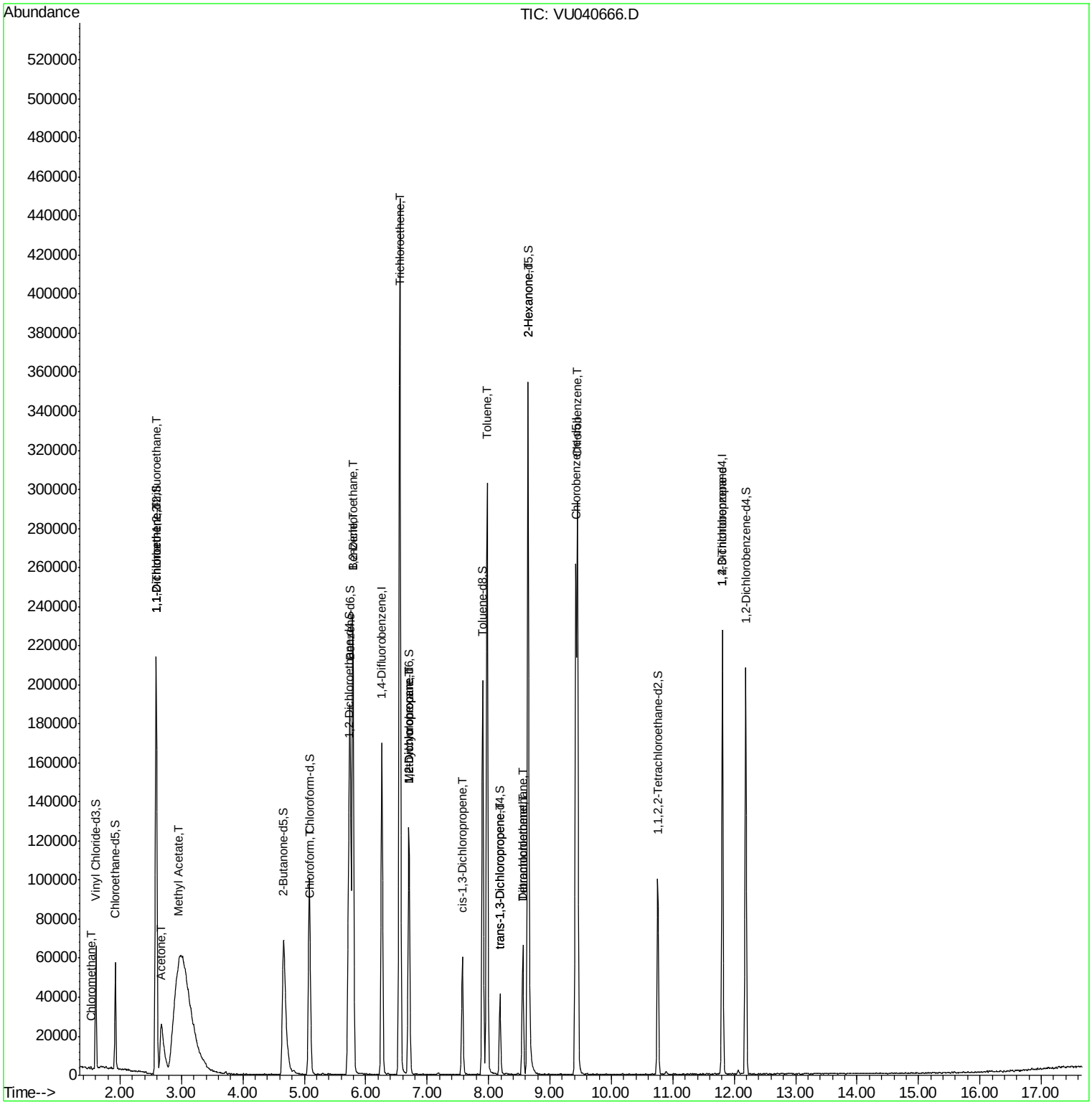
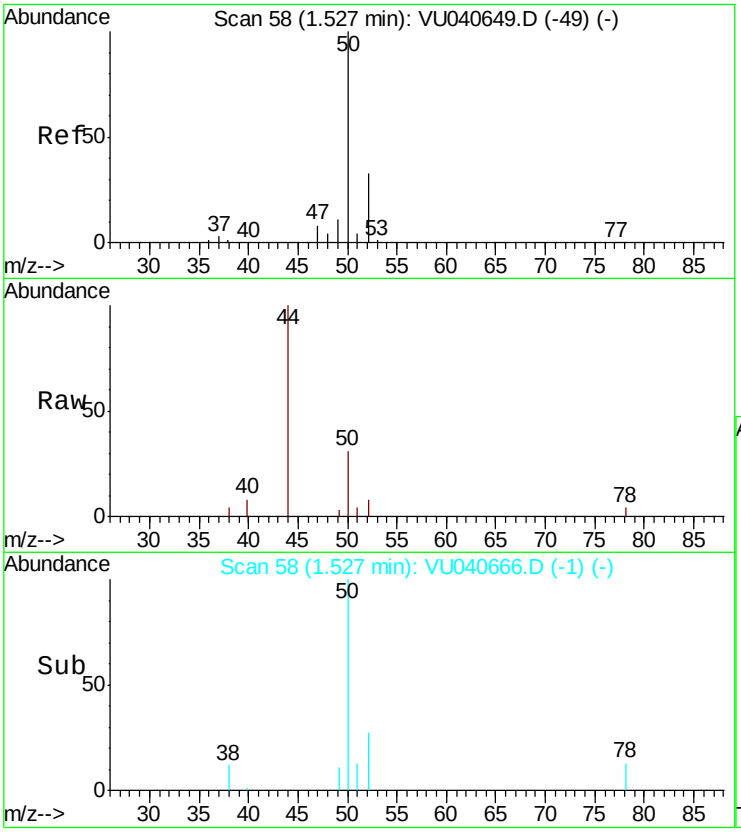
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration



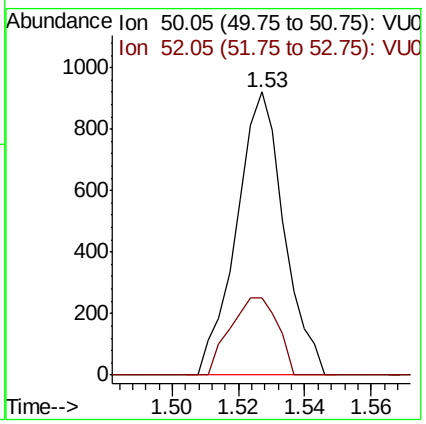


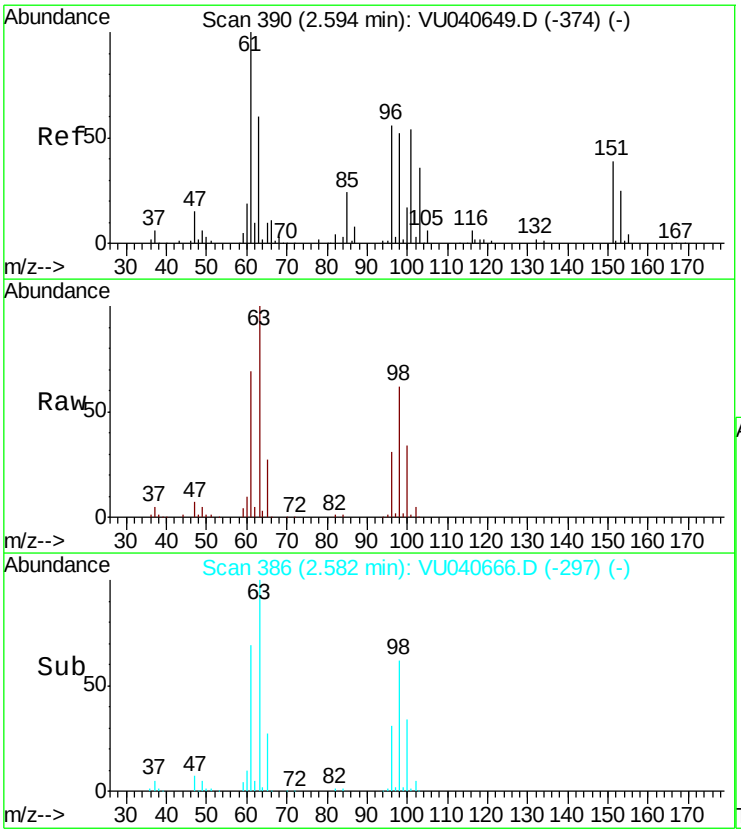
#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 50 Resp: 920

Ion	Ratio	Lower	Upper
50	100		
52	27.3	21.9	40.7

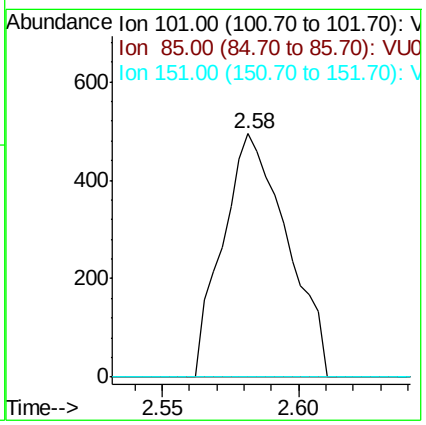


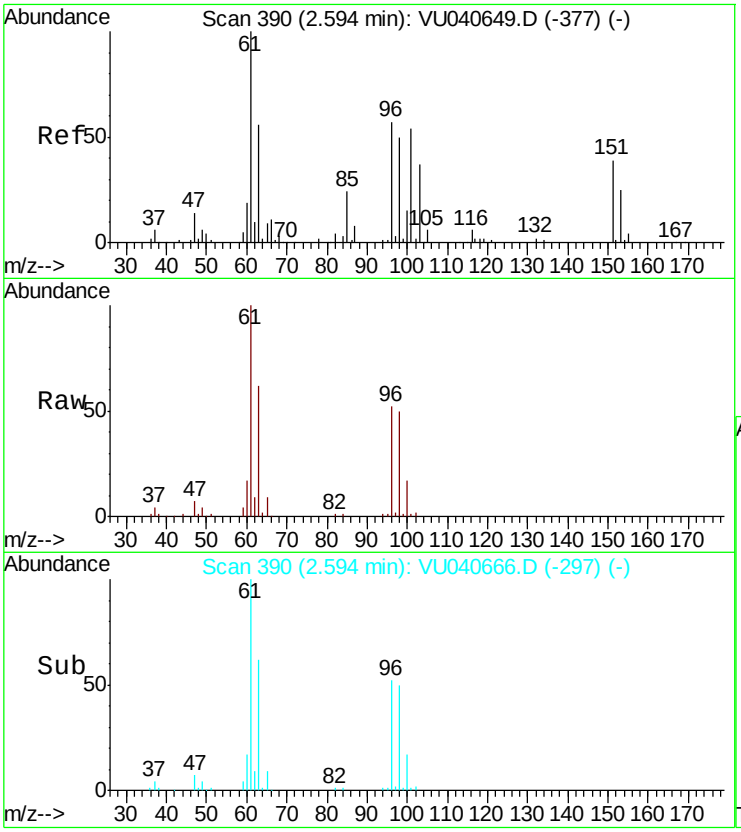


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion:101 Resp: 808

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



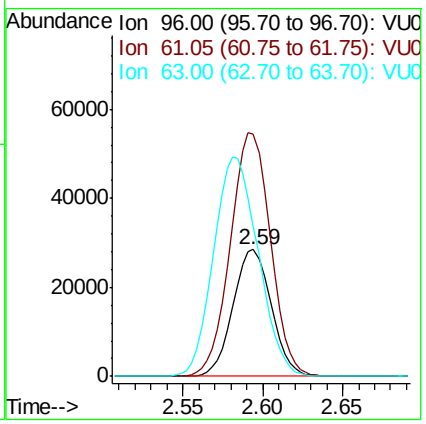


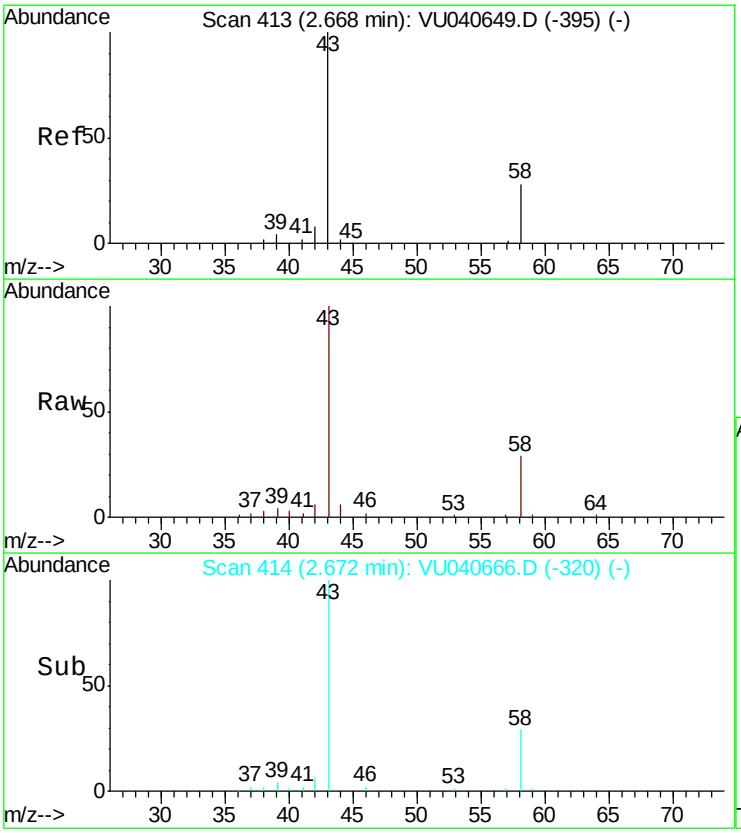
#12
1,1-Dichloroethene
Concen: 5.064 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 96 Resp: 46517

Ion	Ratio	Lower	Upper
96	100		
61	191.8	128.8	239.2
63	118.5	84.6	157.2

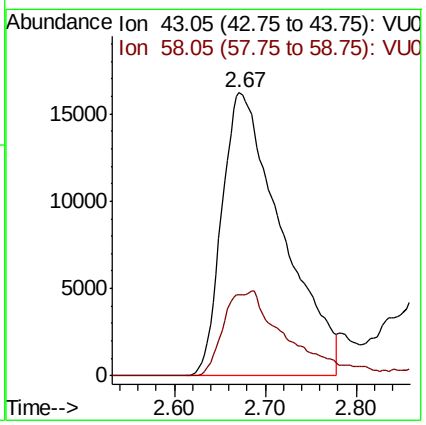


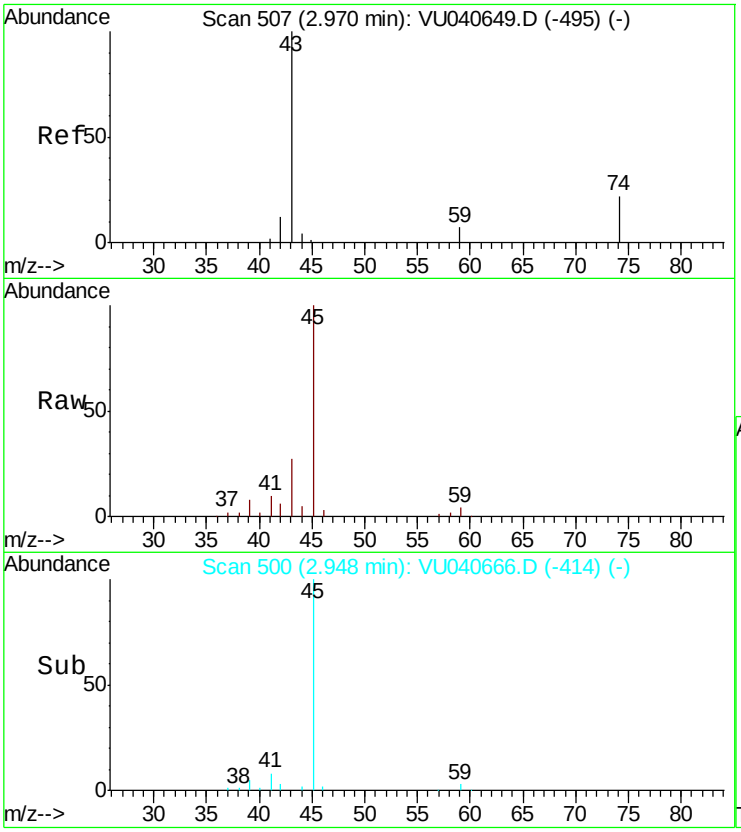


#13
Acetone
Concen: 28.074 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 43 Resp: 74289

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	60.6



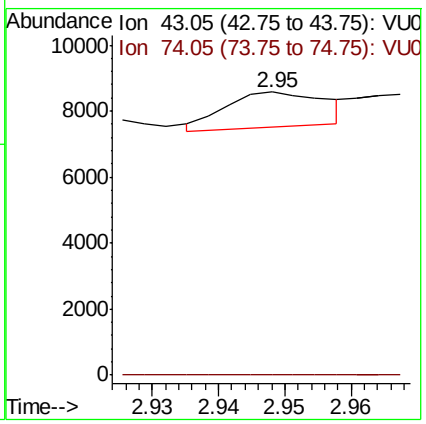


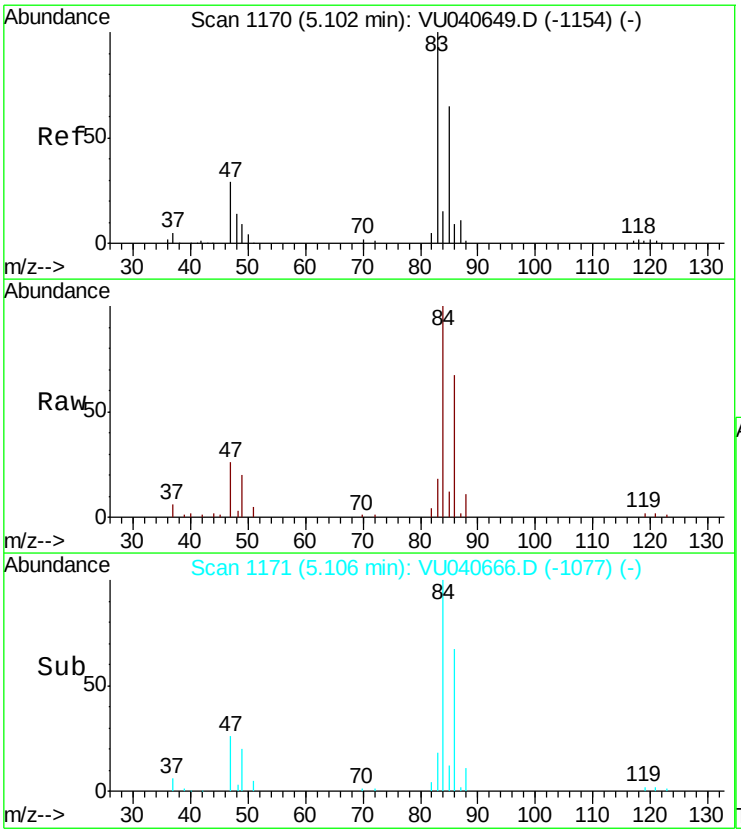
#15
Methyl Acetate
Concen: 0.183 ug/L
RT: 2.95 min Scan# 500
Delta R.T. -0.02 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 43 Resp: 1104

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#

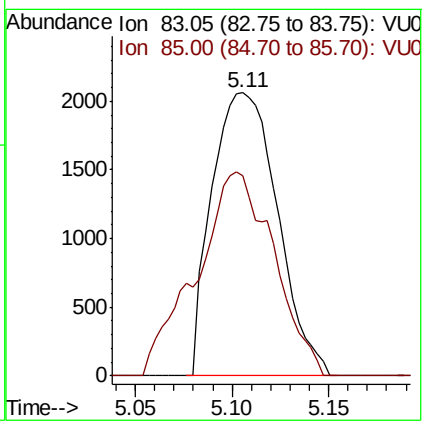


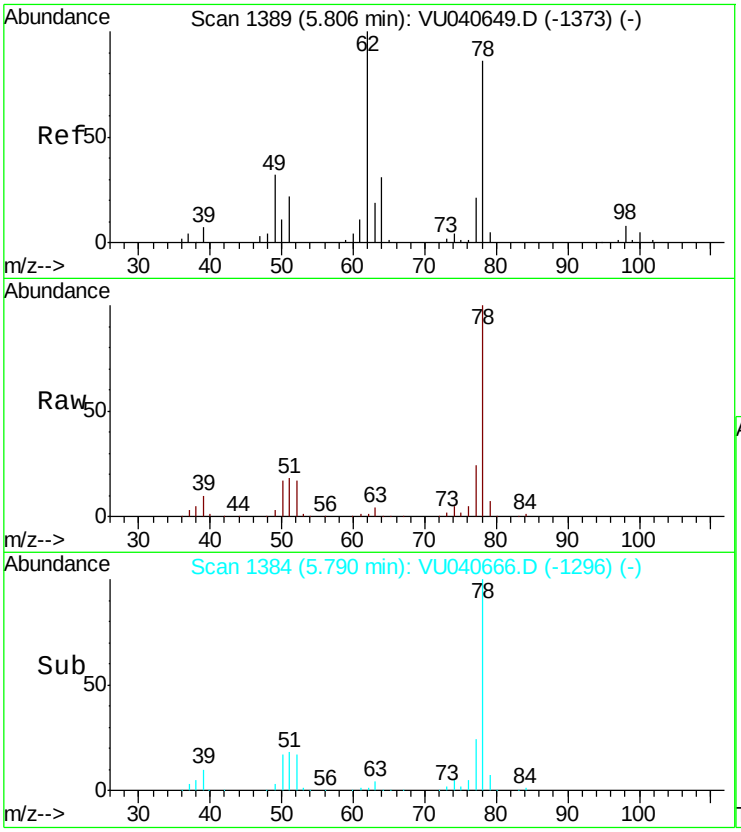


#25
Chloroform
Concen: 0.240 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 83 Resp: 4867

Ion	Ratio	Lower	Upper
83	100		
85	70.5	46.5	86.5



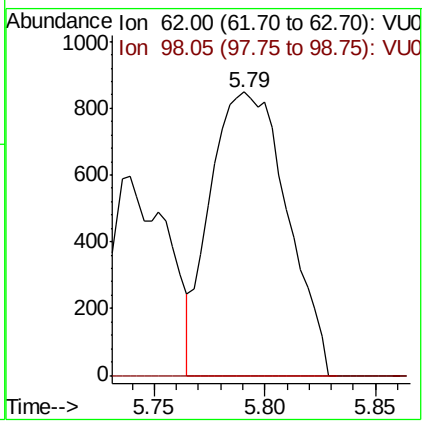


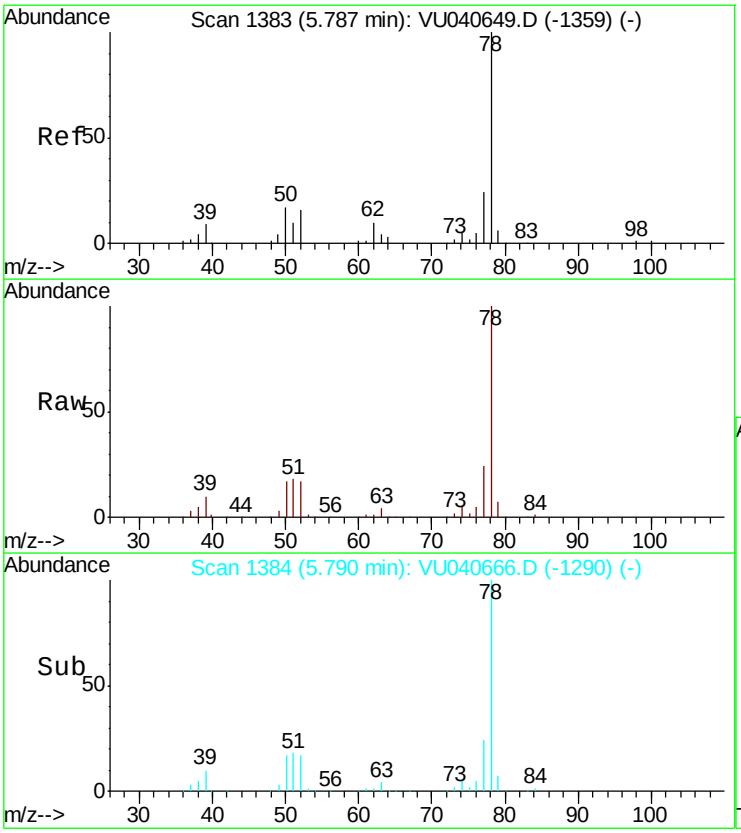
#27
1,2-Dichloroethane
Concen: 0.142 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.02 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 62 Resp: 2046

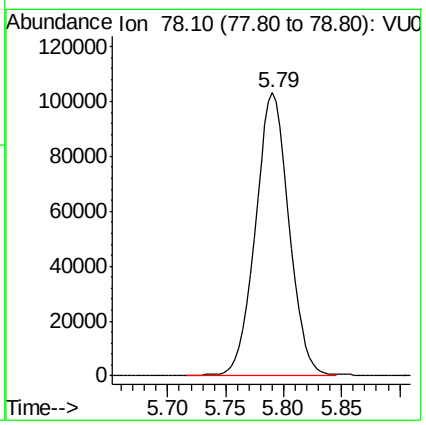
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

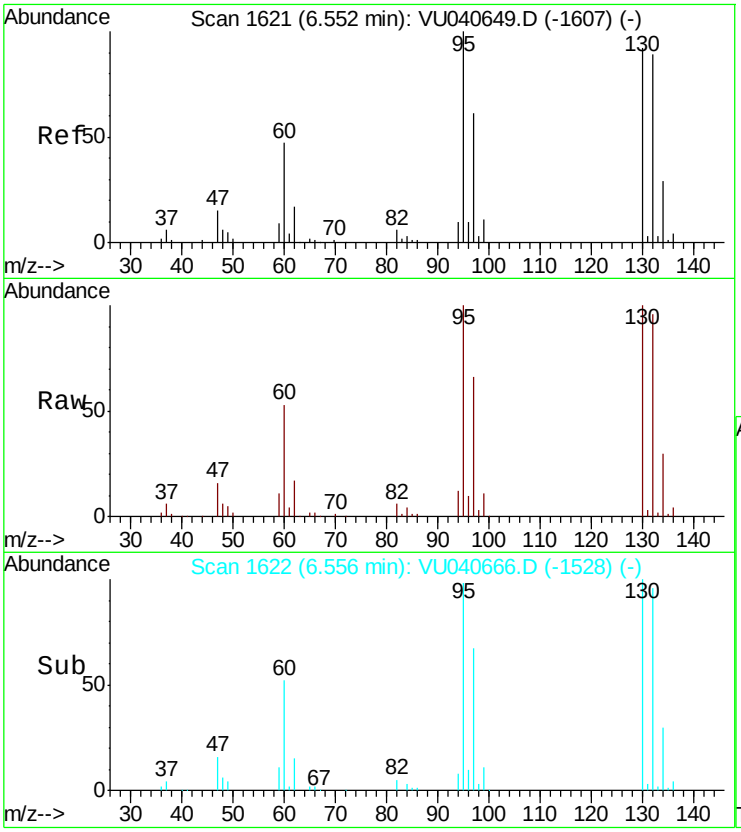




#33
Benzene
Concen: 4.983 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 78 Resp: 207217



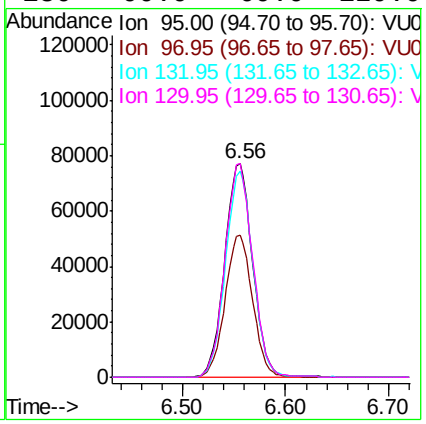


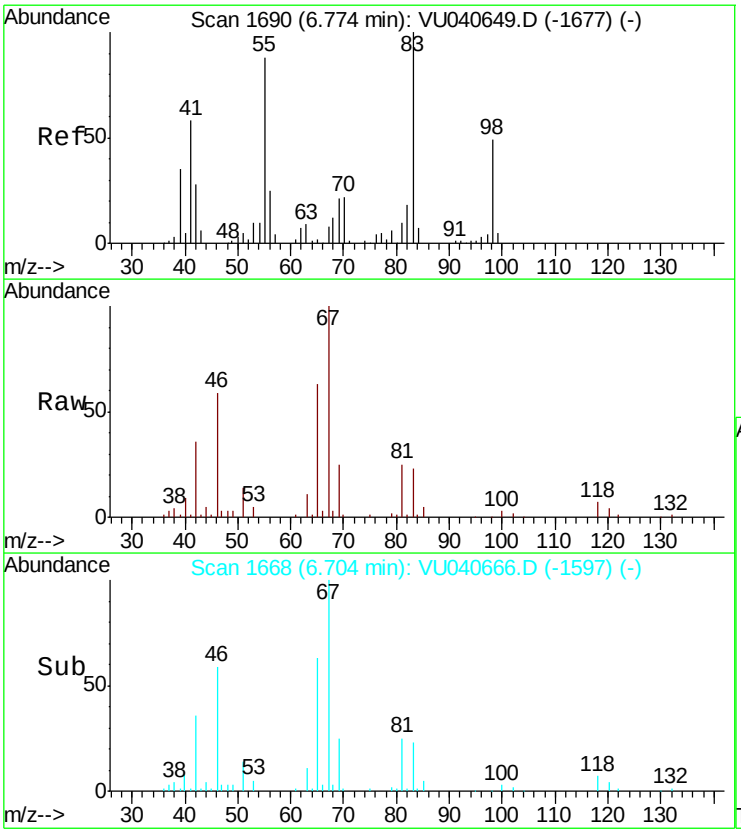
#34
Trichloroethene
Concen: 13.547 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 95 Resp: 146020

Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.5	84.5
132	96.2	67.5	125.4
130	99.9	69.9	129.9

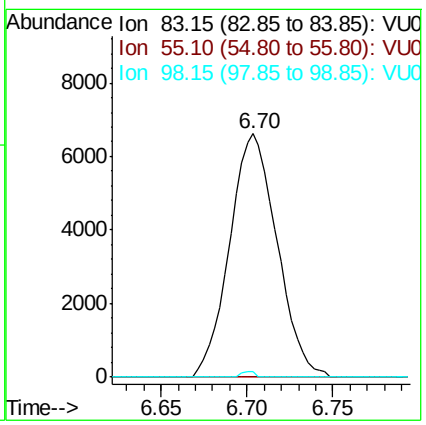


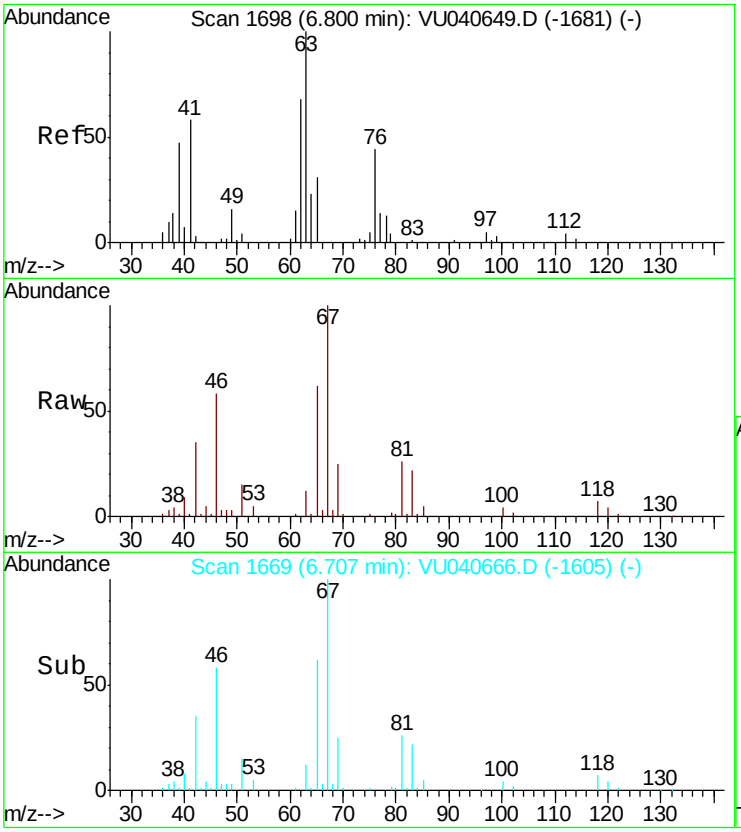


#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 83 Resp: 12644

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



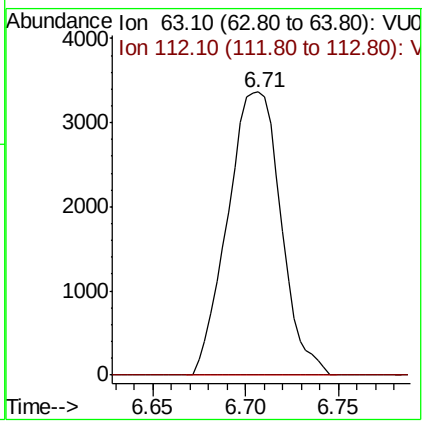


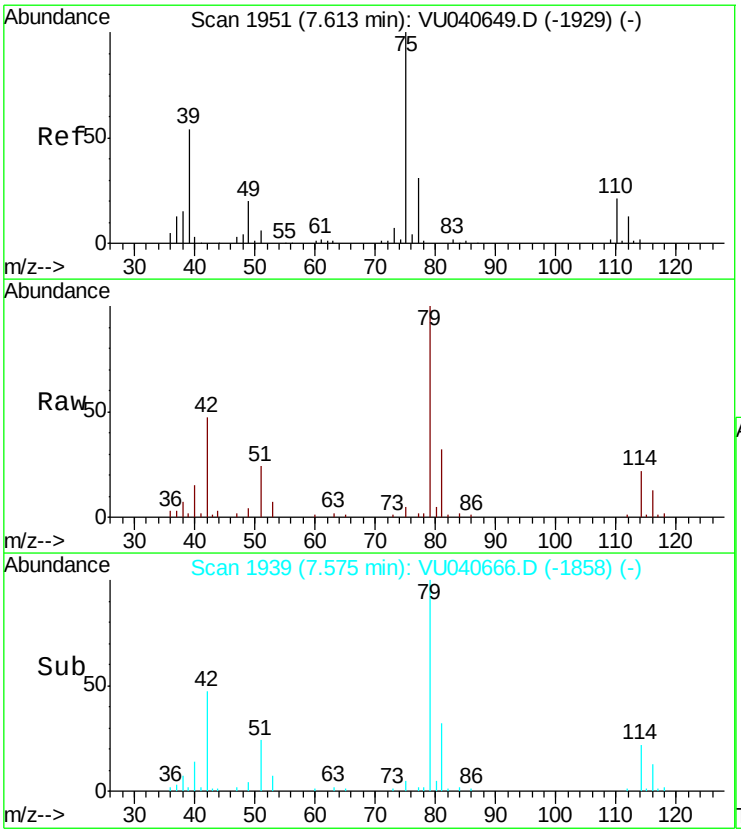
#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 63 Resp: 6712

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

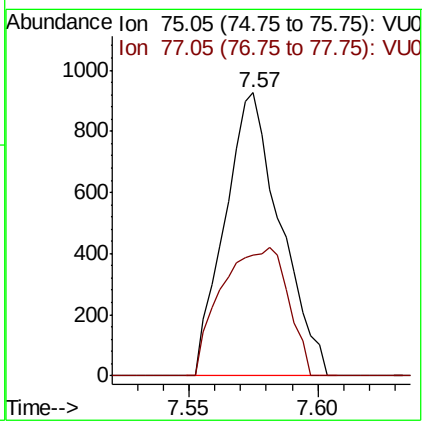


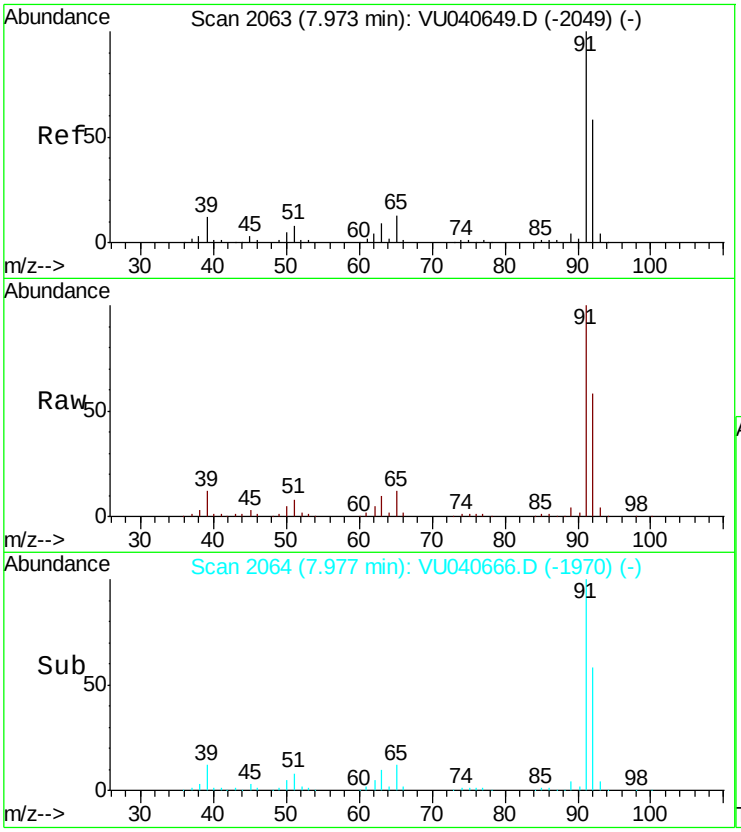


#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 75 Resp: 1388

Ion	Ratio	Lower	Upper
75	100		
77	42.7	20.5	38.1#



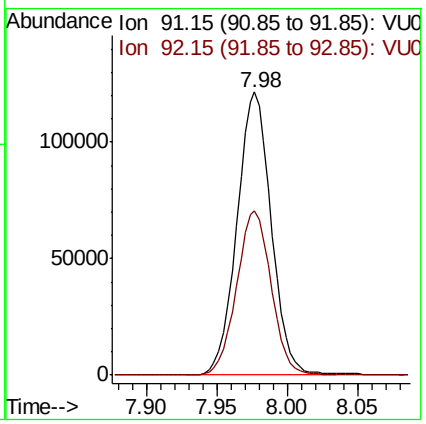


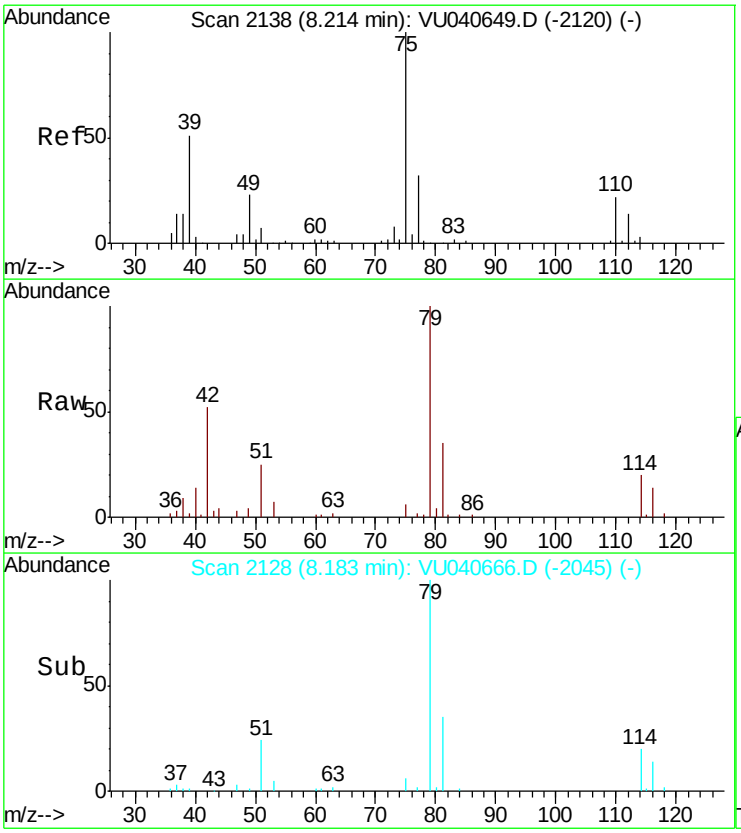
#42
Toluene
Concen: 4.883 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 91 Resp: 206887

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.2	74.6

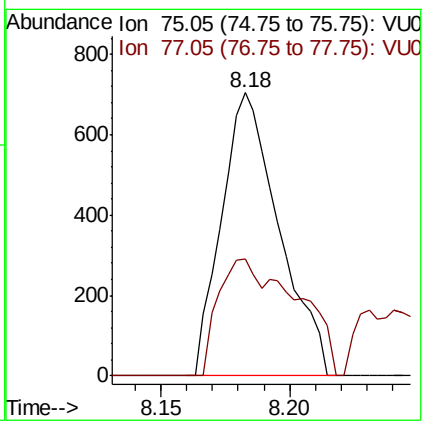


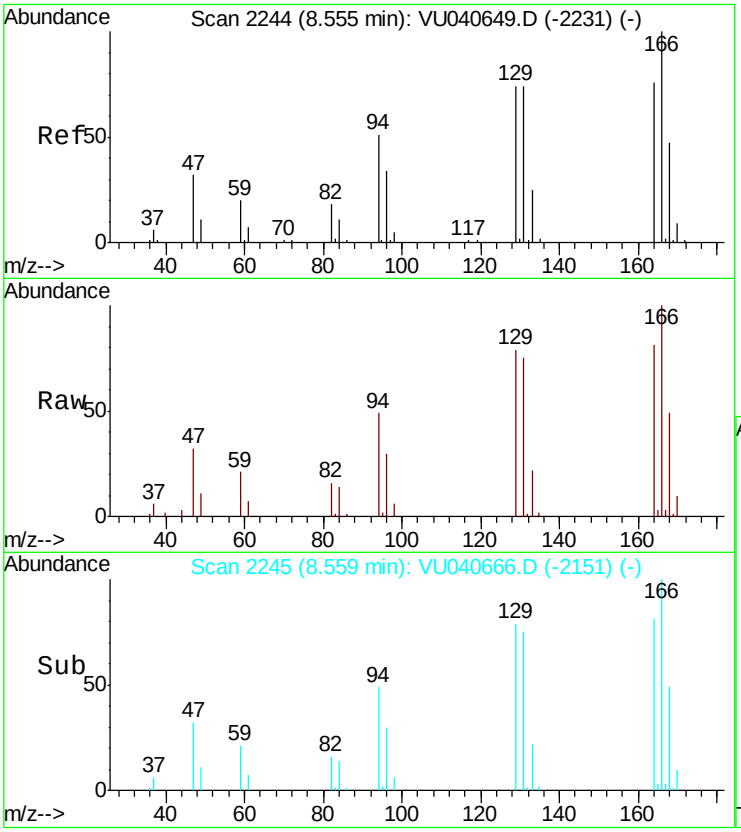


#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 75 Resp: 1092

Ion	Ratio	Lower	Upper
75	100		
77	41.5	20.4	38.0#



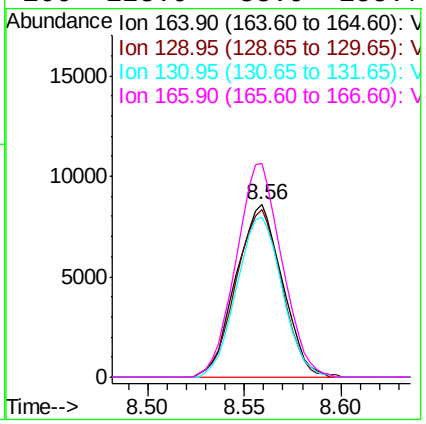


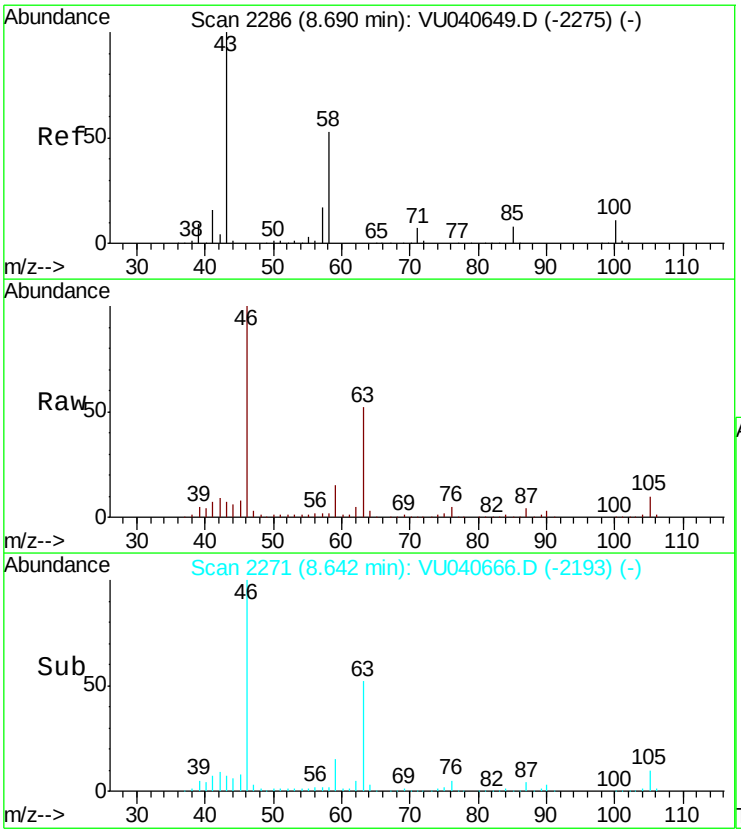
#47
Tetrachloroethene
Concen: 1.874 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion:164 Resp: 14414

Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.8	127.8
131	93.0	66.7	123.9
166	123.9	83.9	155.7

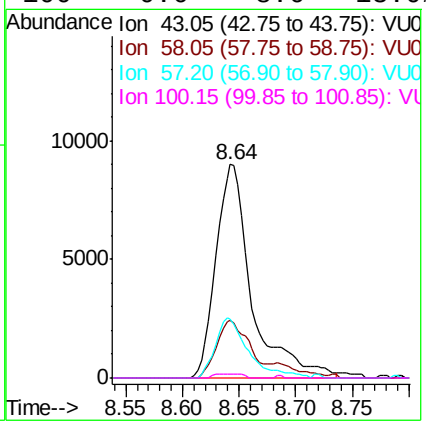


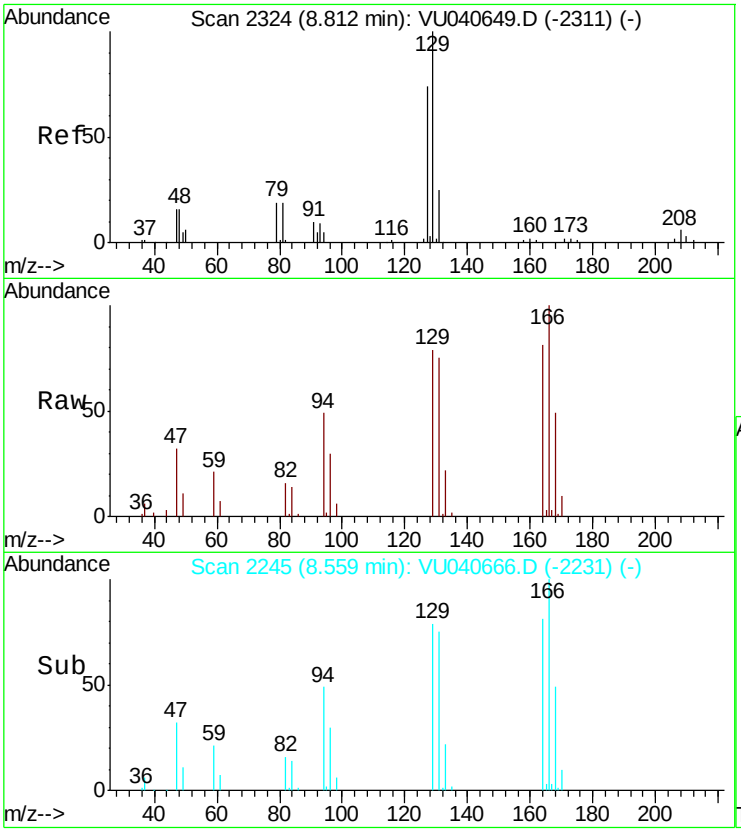


#48
2-Hexanone
Concen: 2.872 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 43 Resp: 19751

Ion	Ratio	Lower	Upper
43	100		
58	24.6	41.0	61.6#
57	26.0	14.4	21.6#
100	0.6	8.6	13.0#



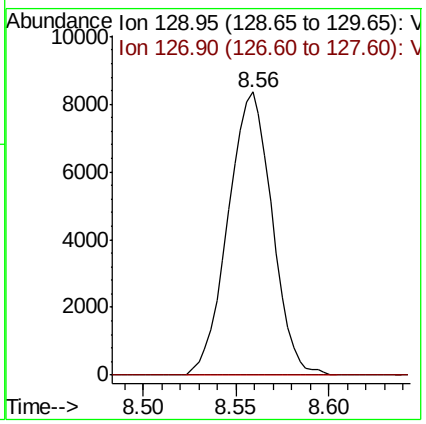


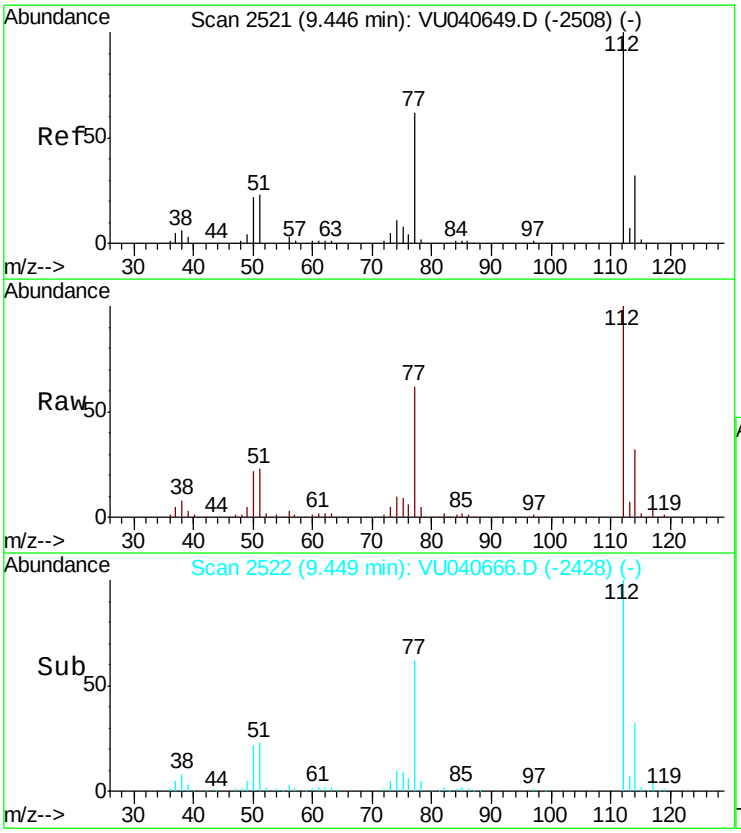
#49
Dibromochloromethane
Concen: 1.383 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument : MSVOA_U
ClientSampleId : YAQY6MSD

Tgt Ion:129 Resp: 13806

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

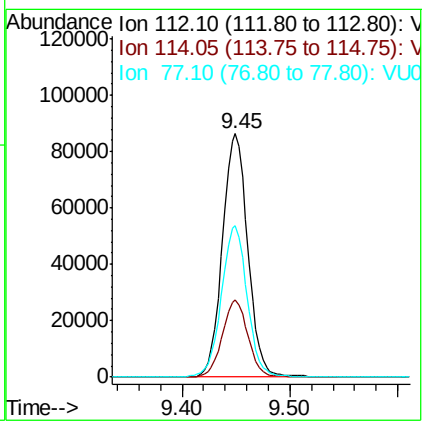


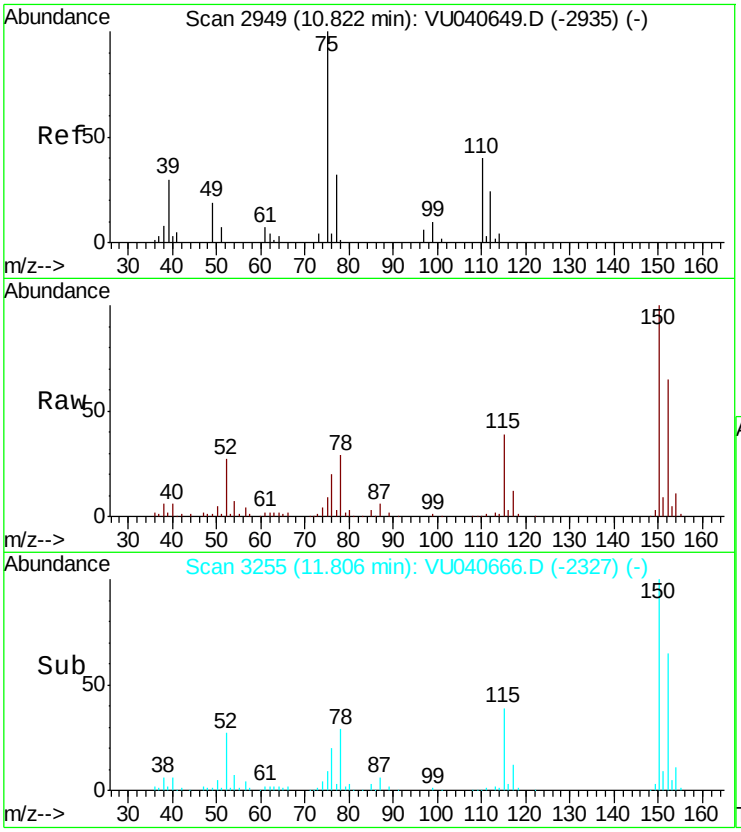


#51
Chlorobenzene
Concen: 5.085 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion:112 Resp: 141916

Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.1	42.9
77	62.2	50.3	75.5





#59
1,2,3-Trichloropropane
Concen: 0.872 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
YAQY6MSD

Tgt Ion: 75 Resp: 7420

Ion	Ratio	Lower	Upper
75	100		
77	44.7	26.4	39.6#