Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041253.D
Acq On : 16 Nov 2020 17:16
Operator : SY/MD
Sample : L4740-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB110MS

Quant Time: Nov 17 07:17:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52297	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	45465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	19217	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	22092	5.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.80%			
7) Chloroethane-d5	1.92	69	20655	6.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 125.60%			
11) 1,1-Dichloroethene-d2	2.58	63	42458	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.80%			
20) 2-Butanone-d5	4.65	46	94649	59.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.34%			
24) Chloroform-d	5.08	84	46010	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
26) 1,2-Dichloroethane-d4	5.72	65	30975	5.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.00%			
32) Benzene-d6	5.74	84	76675	6.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 125.20%#			
36) 1,2-Dichloropropane-d6	6.70	67	27285	6.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 129.20%			
41) Toluene-d8	7.90	98	52383	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.18	79	9237	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.64	63	67960	69.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 139.98%#			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26459	6.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 129.20%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	19419	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	358	0.077	ug/L #	43
5) Vinyl chloride	1.61	62	2666	0.587	ug/L	89
8) Chloroethane	1.93	64	240	0.080	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	196	0.051	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	21167	6.218	ug/L	94
13) Acetone	2.66	43	9872	9.382	ug/L #	57
15) Methyl Acetate	2.97	43	595	0.272	ug/L #	53
16) Methylene chloride	3.06	84	694	0.163	ug/L	87
18) trans-1,2-Dichloroethene	3.37	96	4109	1.239	ug/L	97
19) 1,1-Dichloroethane	3.89	63	5211	0.703	ug/L	97
21) 2-Butanone	4.74	43	2085	1.305	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	181567	48.489	ug/L	97
25) Chloroform	5.11	83	1287	0.160	ug/L	80
27) 1,2-Dichloroethane	5.79	62	961	0.166	ug/L #	74
29) 1,1,1-Trichloroethane	5.33	97	1325	0.238	ug/L	91
33) Benzene	5.79	78	93202	7.565	ug/L	100
34) Trichloroethene	6.55	95	133964	40.231	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041253.D
Acq On : 16 Nov 2020 17:16
Operator : SY/MD
Sample : L4740-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB110MS

Quant Time: Nov 17 07:17:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) Methylcyclohexane	6.70	83	6662	1.506 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3288	0.913 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	722	0.144 ug/L #	59
42) Toluene	7.98	91	74877	5.687 ug/L	97
44) trans-1,3-Dichloropropene	8.19	75	416	0.088 ug/L #	19
47) Tetrachloroethene	8.56	164	2674	1.087 ug/L	92
48) 2-Hexanone	8.68	43	1152	0.518 ug/L #	47
49) Dibromochloromethane	8.56	129	2819	0.854 ug/L #	11
51) Chlorobenzene	9.45	112	48793	5.595 ug/L	99
59) 1,2,3-Trichloropropane	11.80	75	2943	1.036 ug/L	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
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Acq On : 16 Nov 2020 17:16
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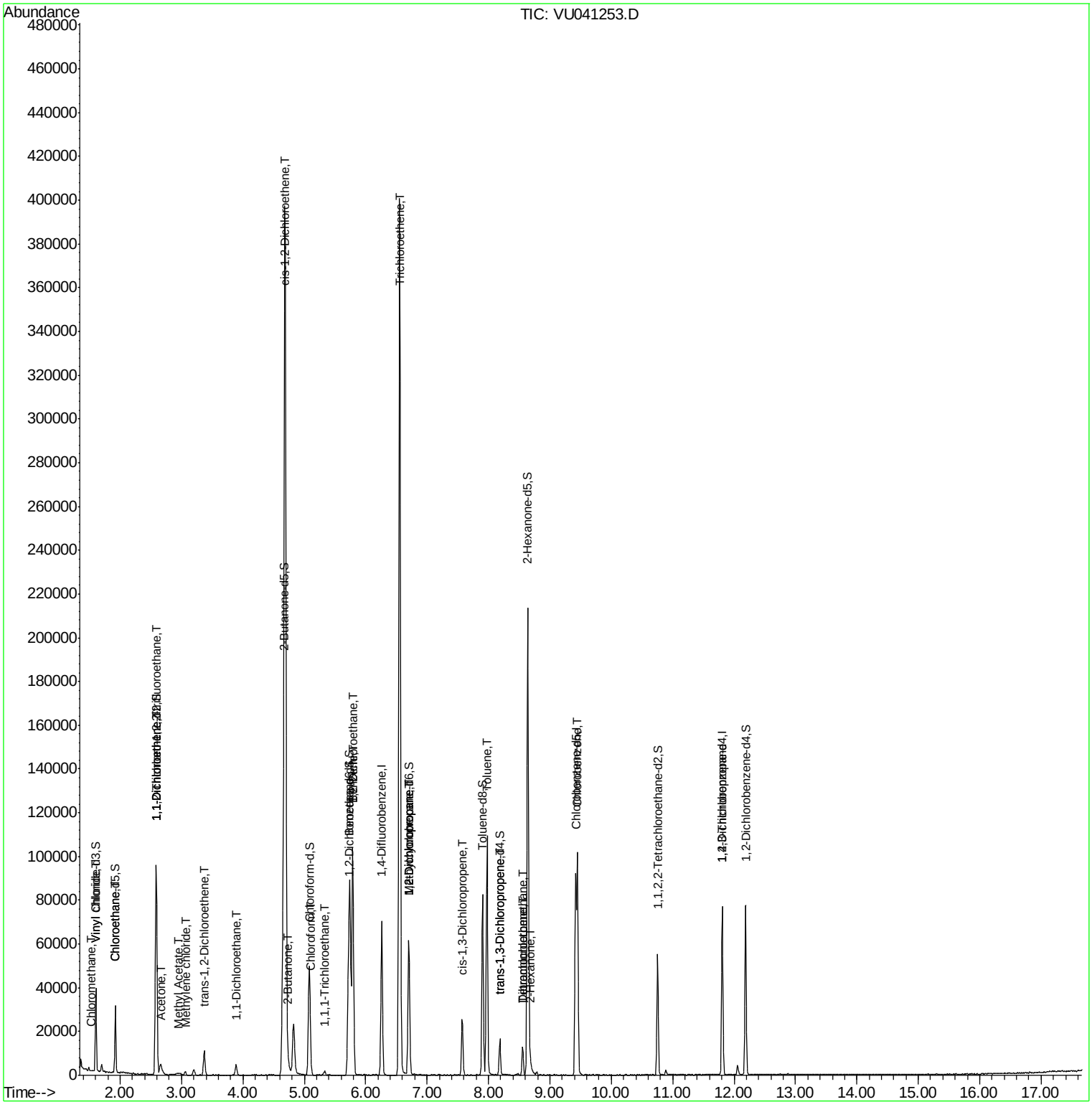
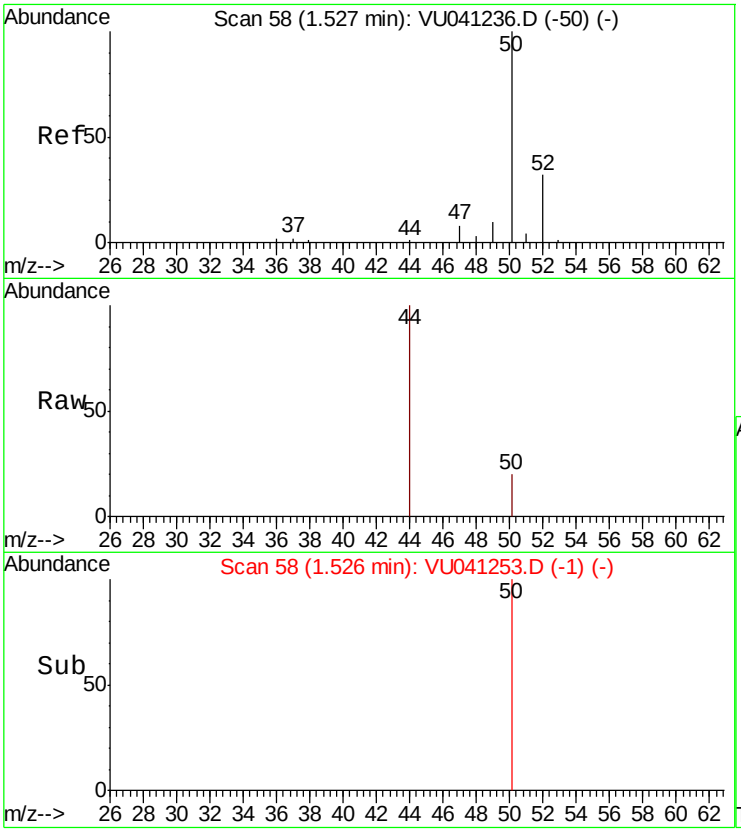
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration



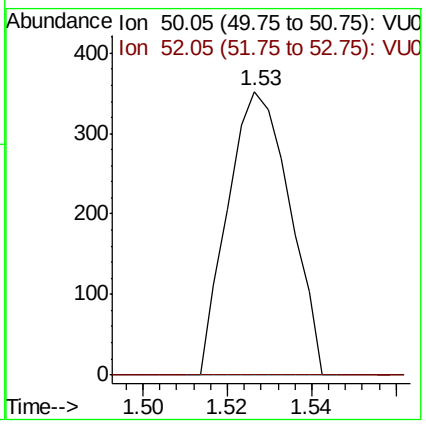


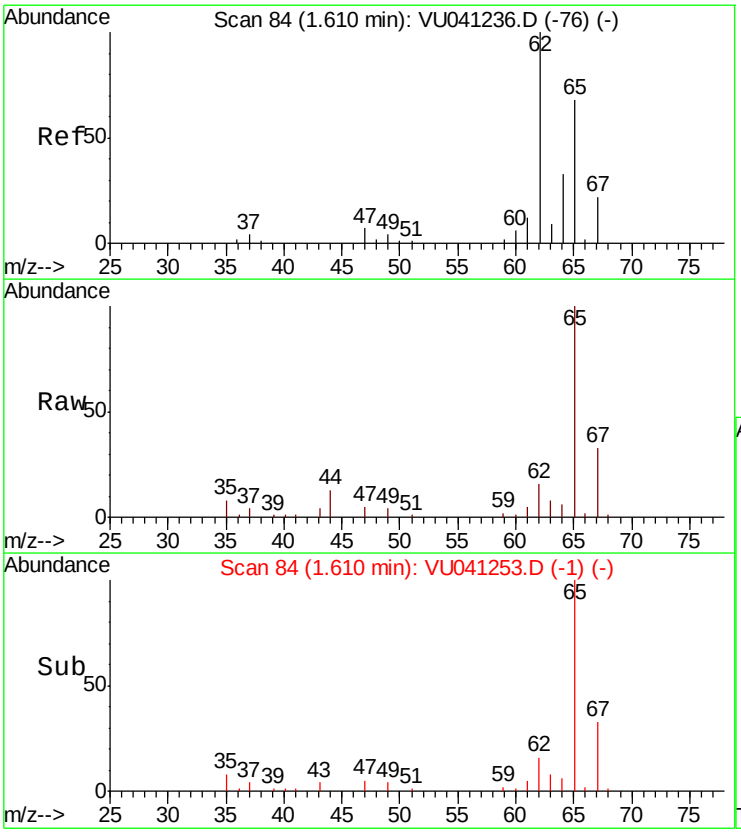
#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 50 Resp: 358

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.4	41.6#

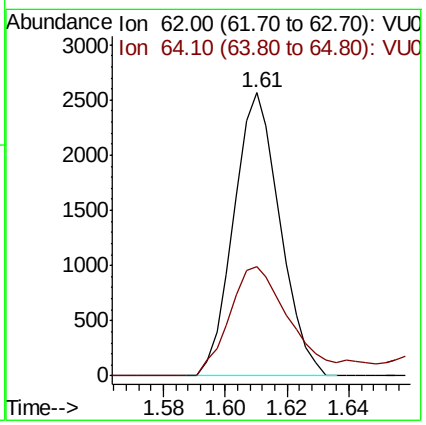


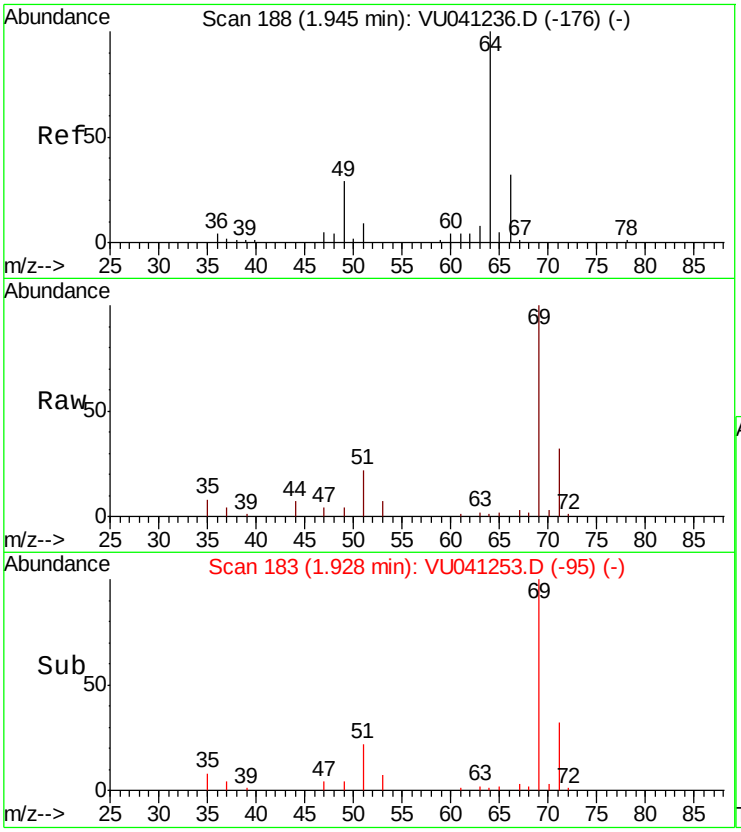


#5
Vinyl chloride
Concen: 0.587 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 62 Resp: 2666

Ion	Ratio	Lower	Upper
62	100		
64	38.7	22.7	42.3



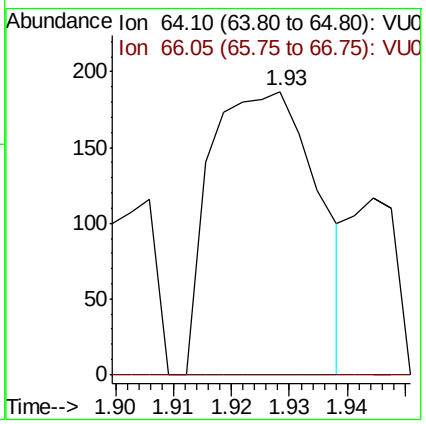


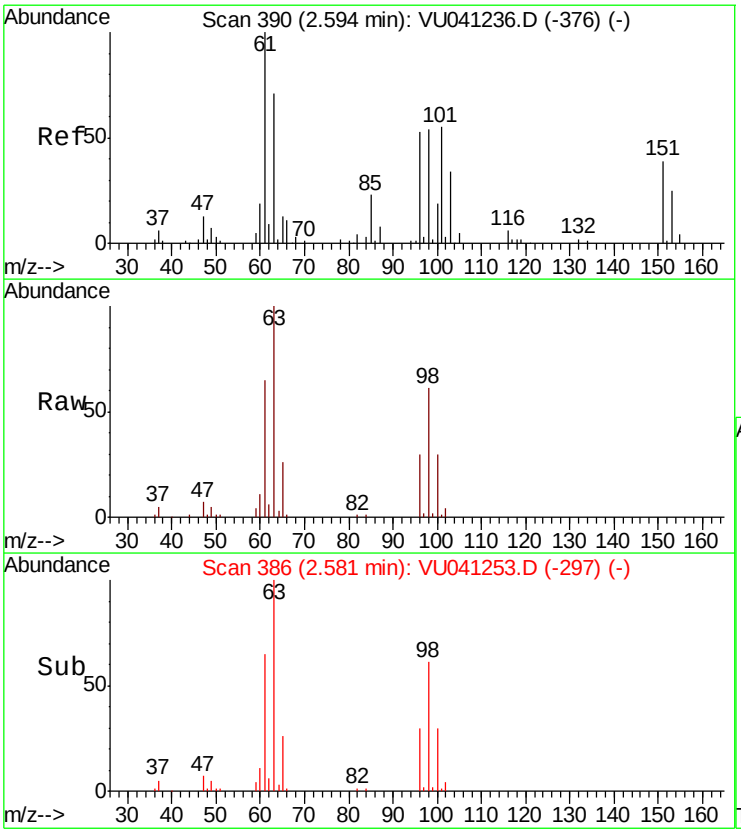
#8
Chloroethane
Concen: 0.080 ug/L
RT: 1.93 min Scan# 183
Delta R.T. -0.02 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 64 Resp: 240

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#

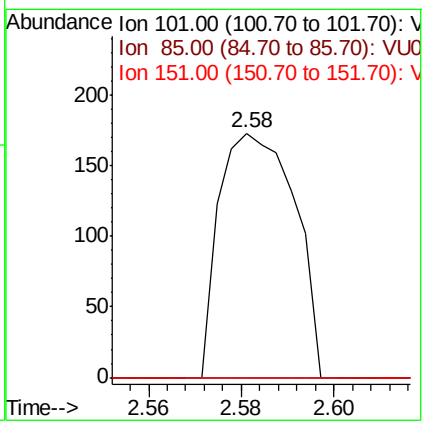


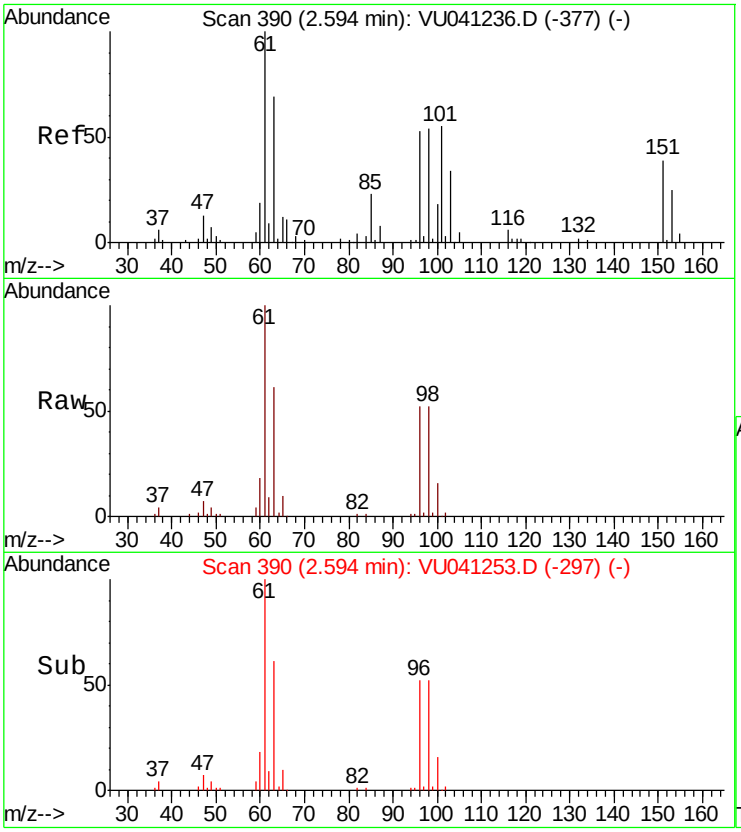


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion:101 Resp: 196

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	0.0	55.3	82.9#



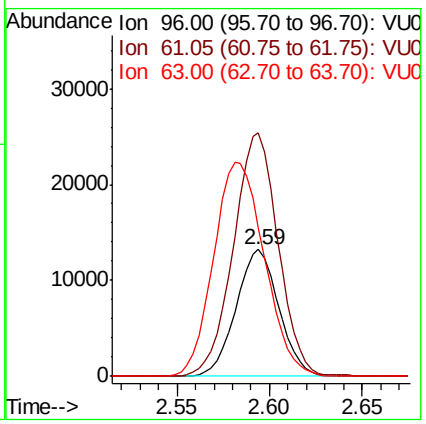


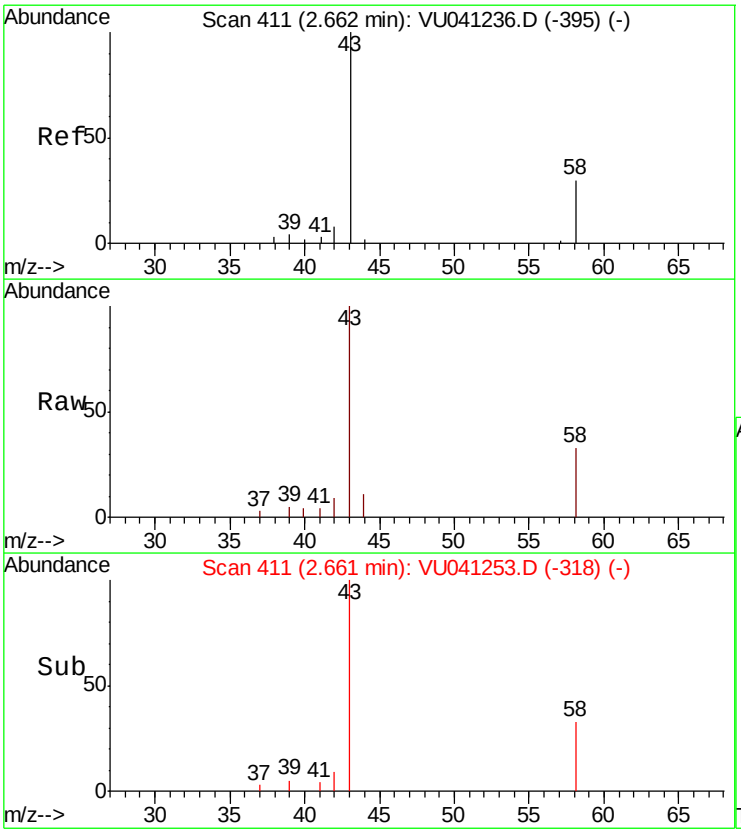
#12
1,1-Dichloroethene
Concen: 6.218 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 96 Resp: 21167

Ion	Ratio	Lower	Upper
96	100		
61	191.8	134.3	249.5
63	117.1	95.0	176.4

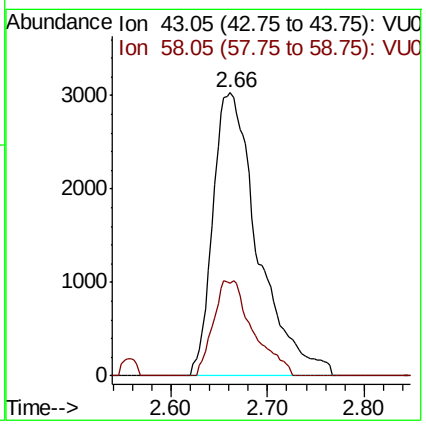


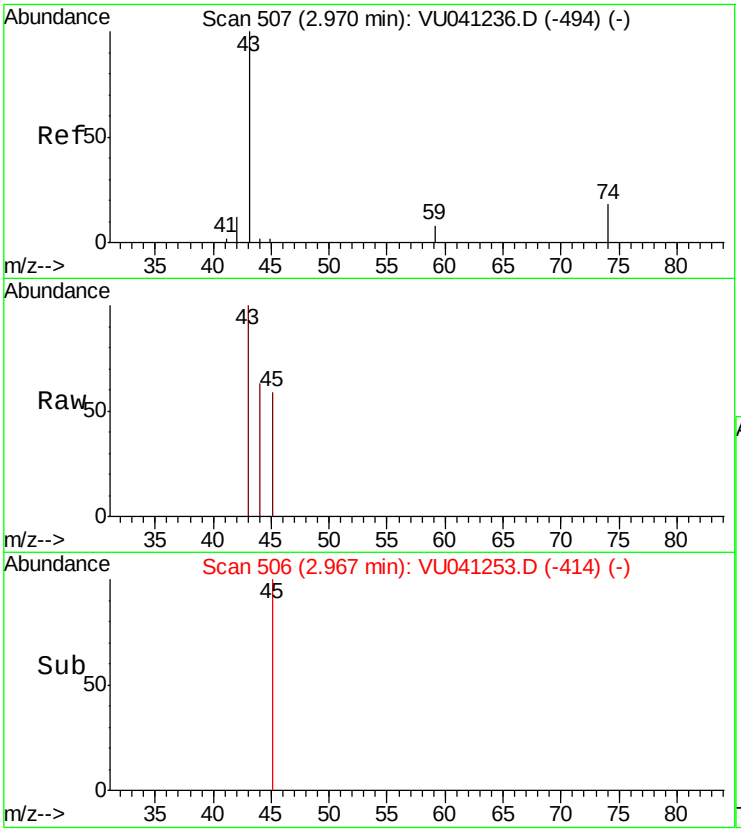


#13
Acetone
Concen: 9.382 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 43 Resp: 9872

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	25.4#



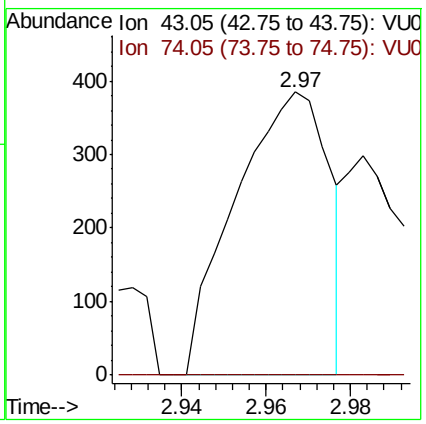


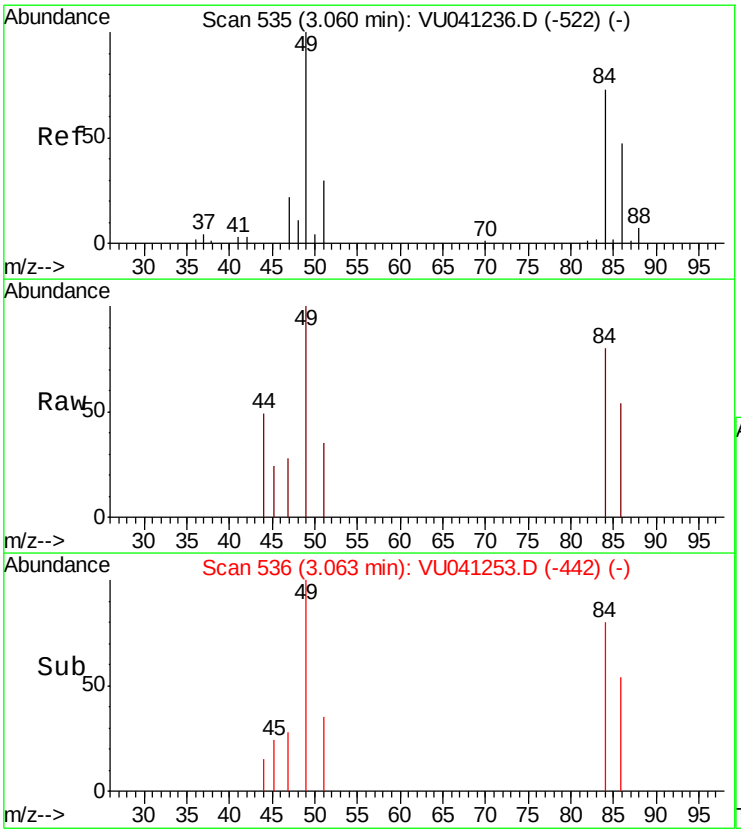
#15
Methyl Acetate
Concen: 0.272 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument : MSVOA_U
ClientSampleId : GB110MS

Tgt Ion: 43 Resp: 595

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#

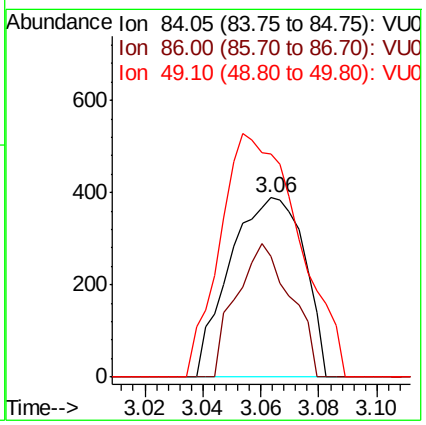


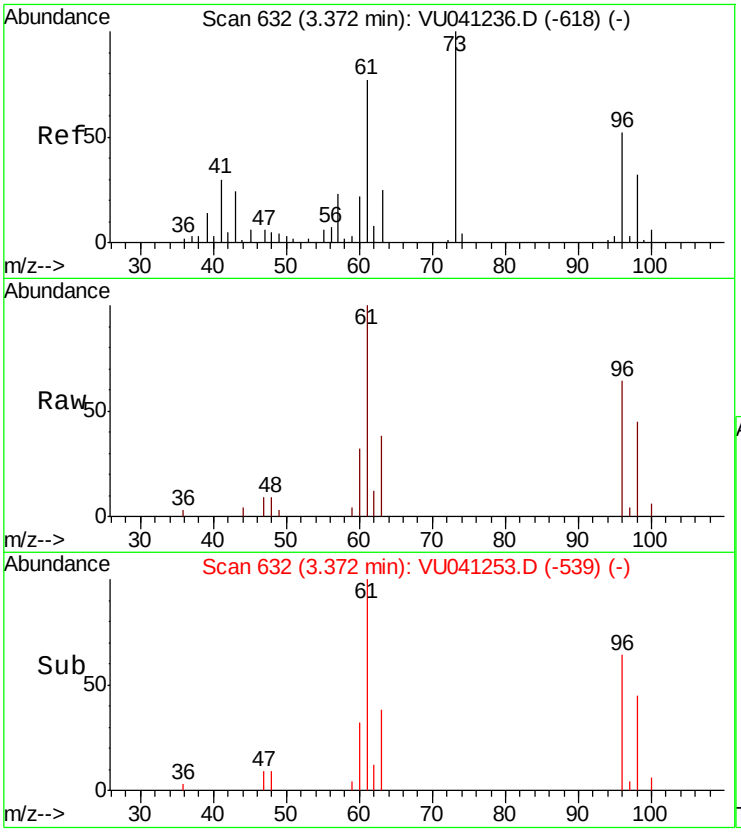


#16
Methylene chloride
Concen: 0.163 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 84 Resp: 694

Ion	Ratio	Lower	Upper
84	100		
86	67.5	42.8	79.6
49	124.5	99.5	184.7



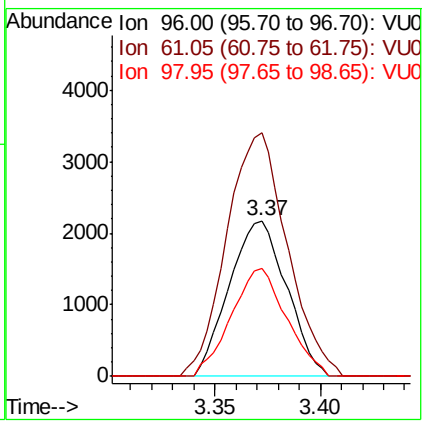


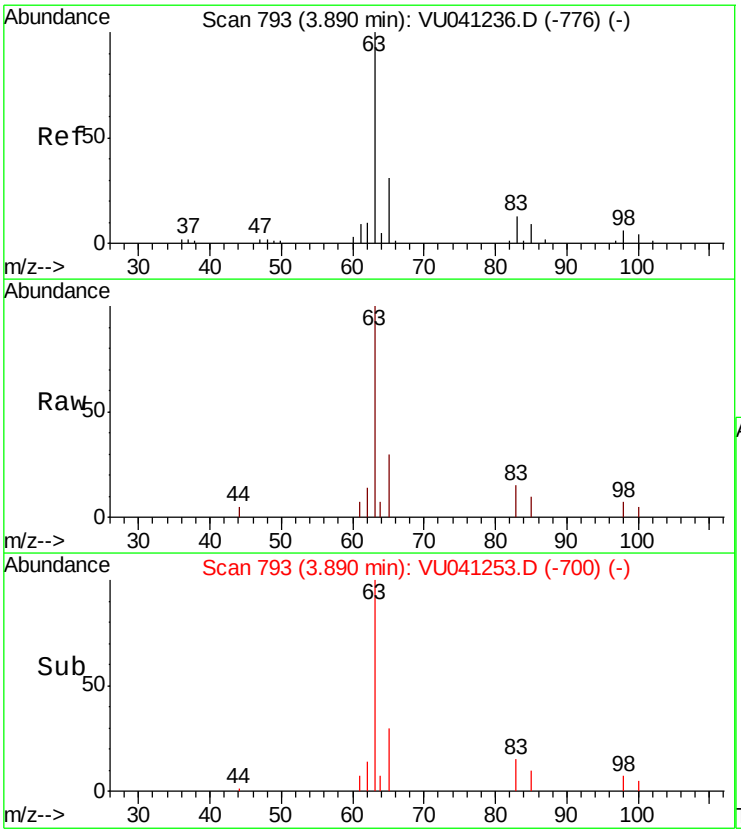
#18
trans-1,2-Dichloroethene
Concen: 1.239 ug/L
RT: 3.37 min Scan# 632
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 96 Resp: 4109

Ion	Ratio	Lower	Upper
96	100		
61	156.8	110.9	205.9
98	69.8	45.4	84.2

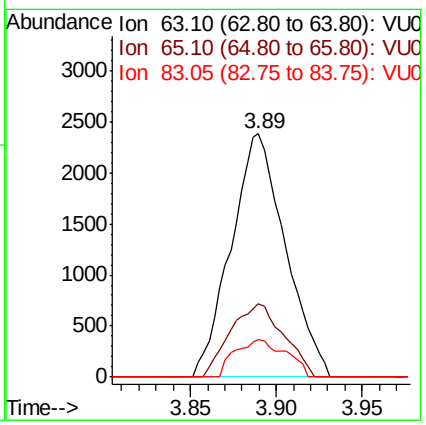


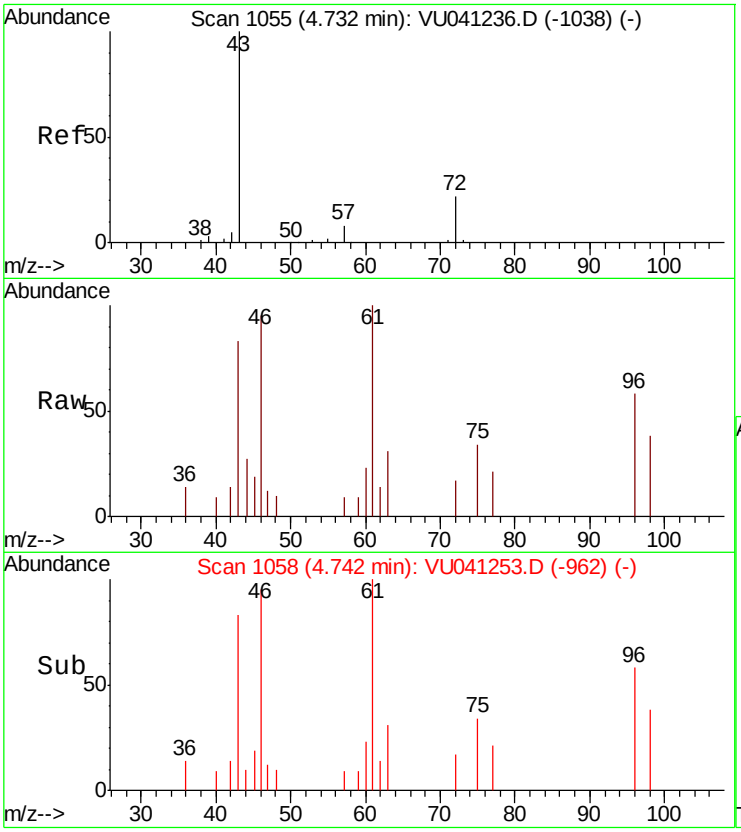


#19
1,1-Dichloroethane
Concen: 0.703 ug/L
RT: 3.89 min Scan# 793
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 63 Resp: 5211

Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.3	39.6
83	15.5	8.8	16.3



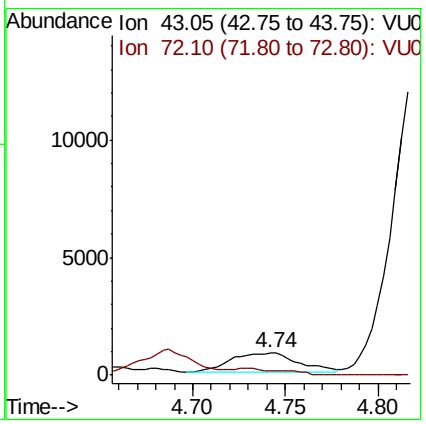


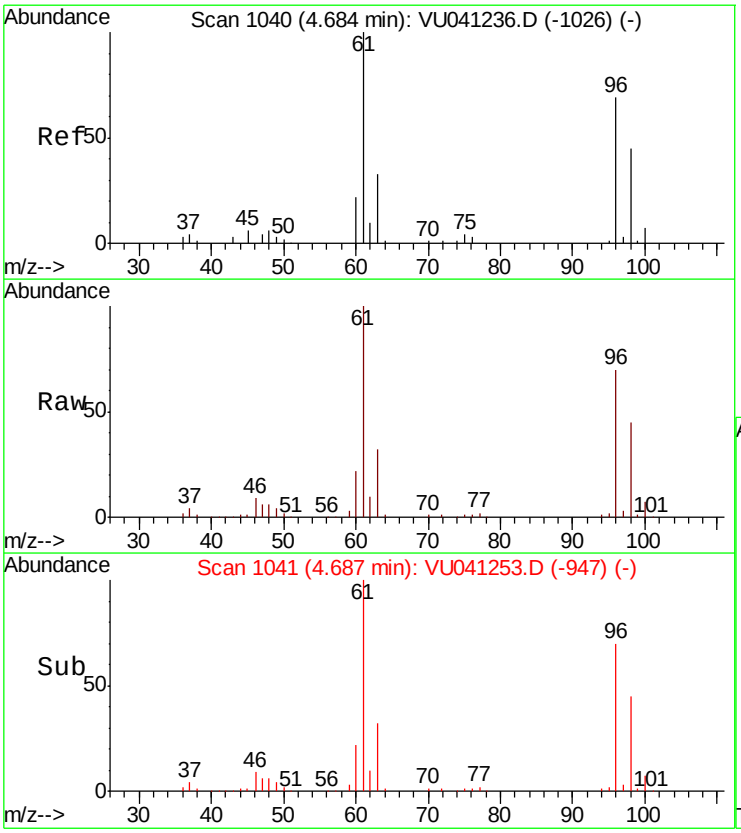
#21
2-Butanone
Concen: 1.305 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 43 Resp: 2085

Ion	Ratio	Lower	Upper
43	100		
72	25.8	11.8	35.4

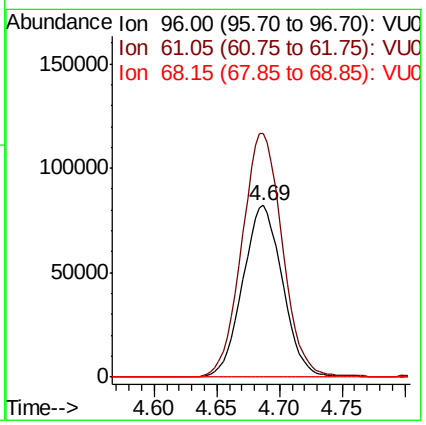


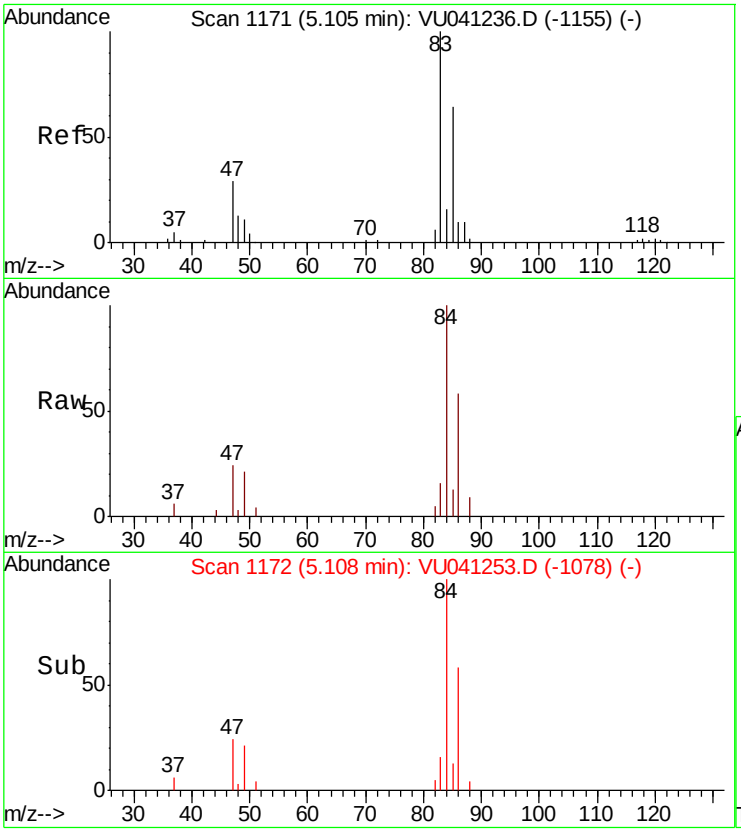


#22
cis-1,2-Dichloroethene
Concen: 48.489 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 96 Resp: 181567

Ion	Ratio	Lower	Upper
96	100		
61	142.0	97.2	180.4
68	0.0	0.0	0.0



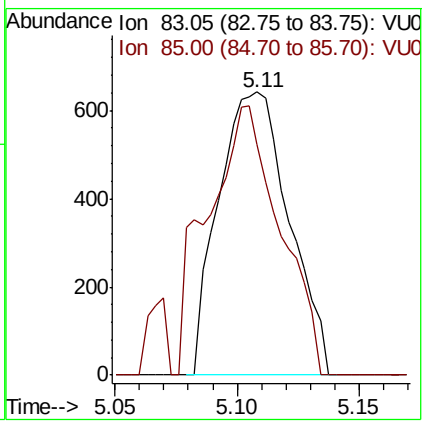


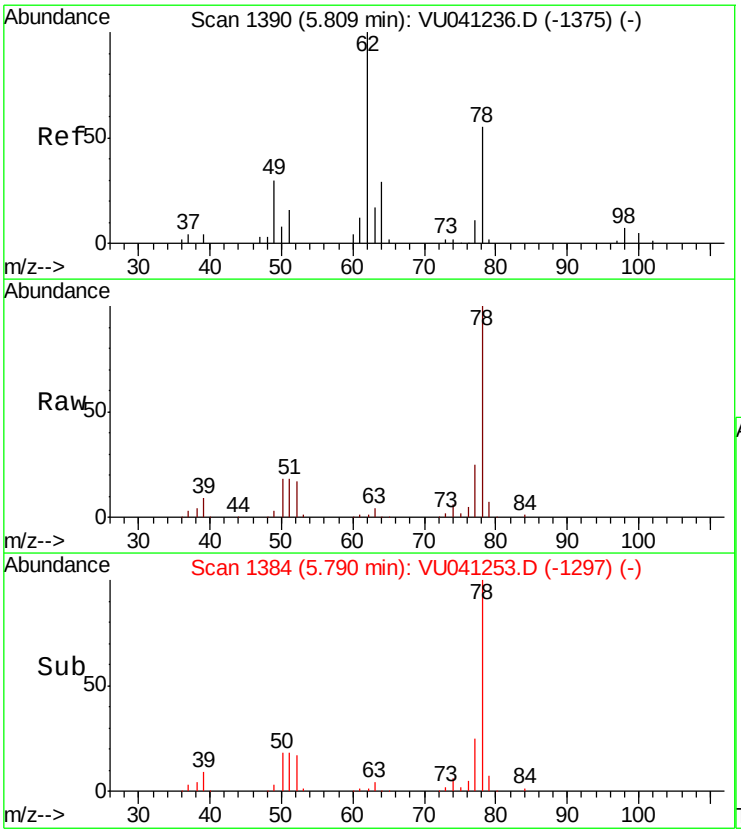
#25
Chloroform
Concen: 0.160 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 83 Resp: 1287

Ion	Ratio	Lower	Upper
83	100		
85	81.5	46.1	85.7

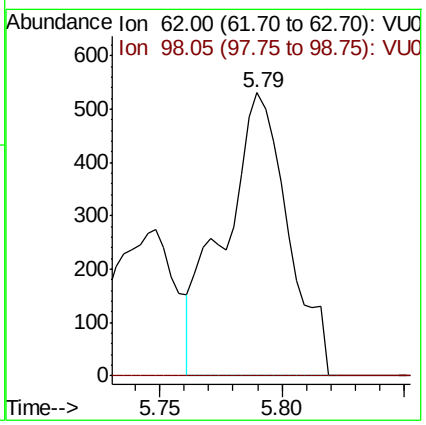


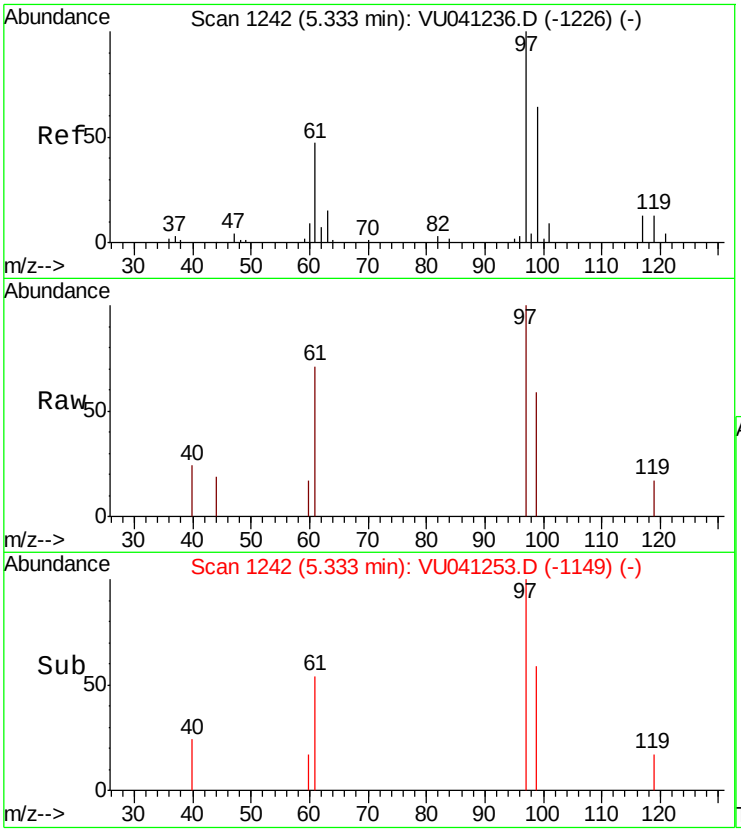


#27
1,2-Dichloroethane
Concen: 0.166 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.02 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 62 Resp: 961

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#



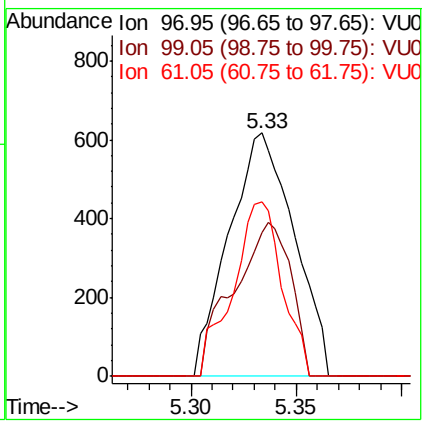


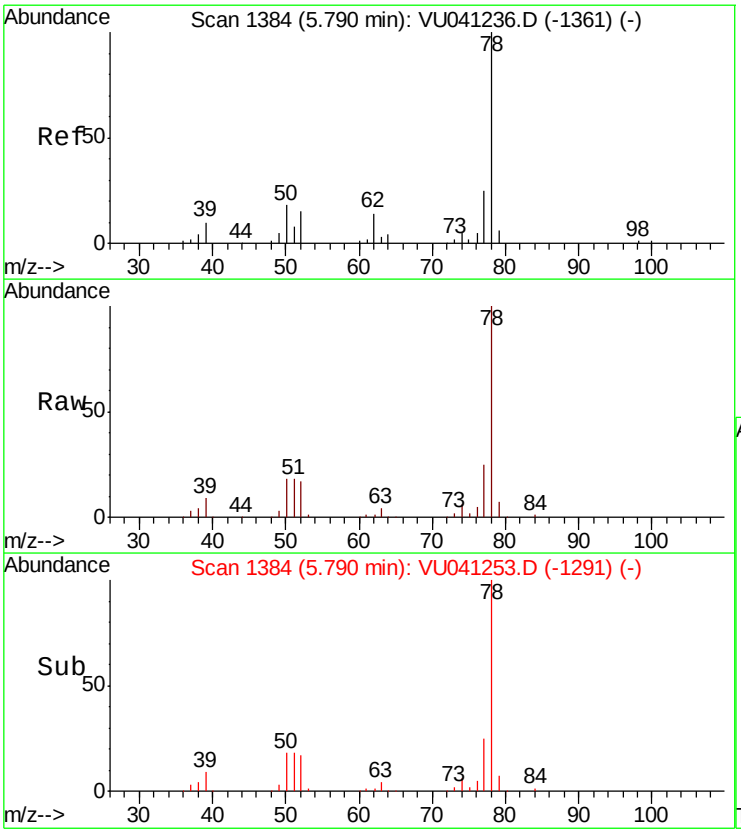
#29
1,1,1-Trichloroethane
Concen: 0.238 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 97 Resp: 1325

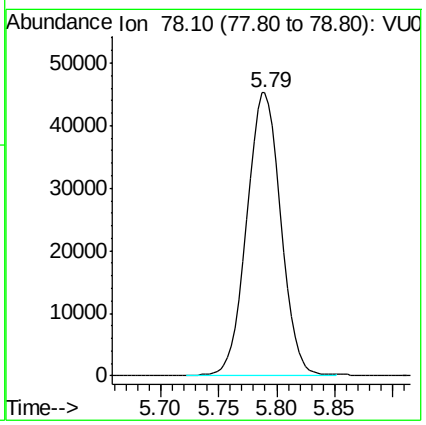
Ion	Ratio	Lower	Upper
97	100		
99	55.6	53.4	80.0
61	54.0	41.6	62.4

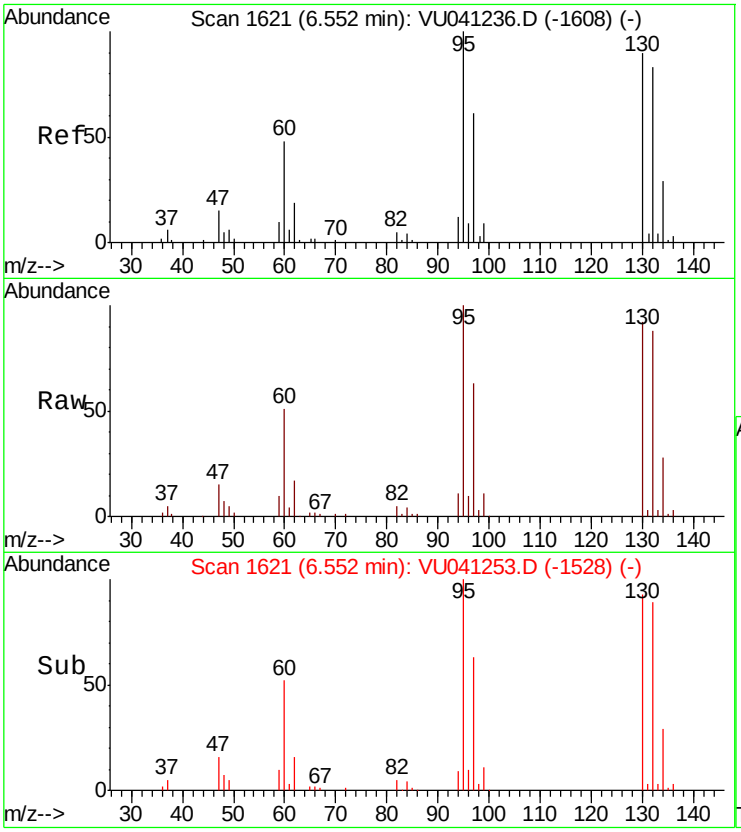




#33
Benzene
Concen: 7.565 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 78 Resp: 93202



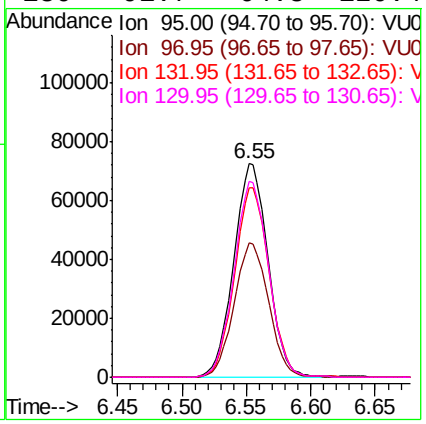


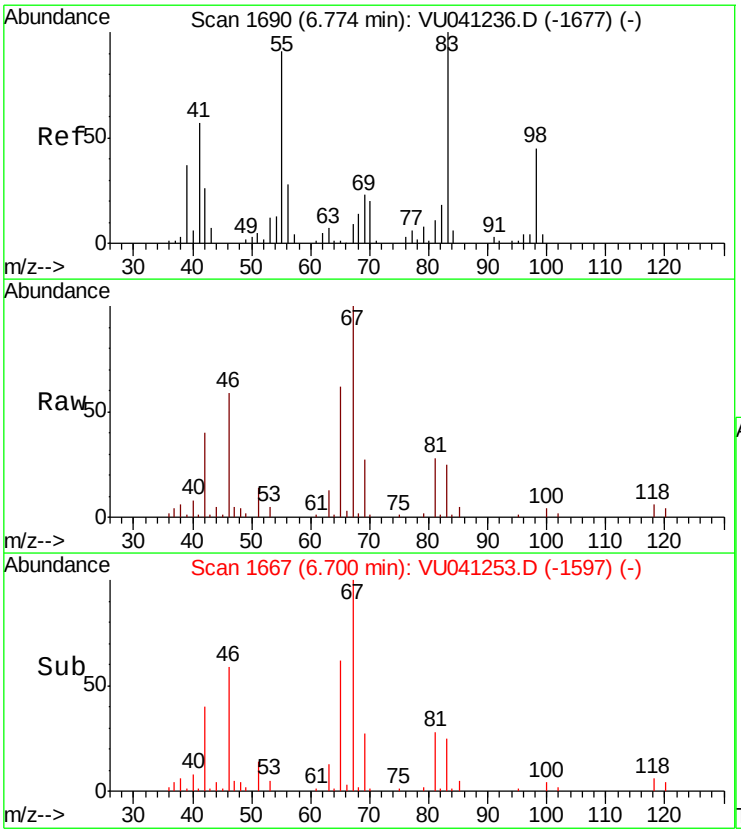
#34
Trichloroethene
Concen: 40.231 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 95 Resp: 133964

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.6	84.6
132	88.4	64.8	120.4
130	91.7	64.8	120.4

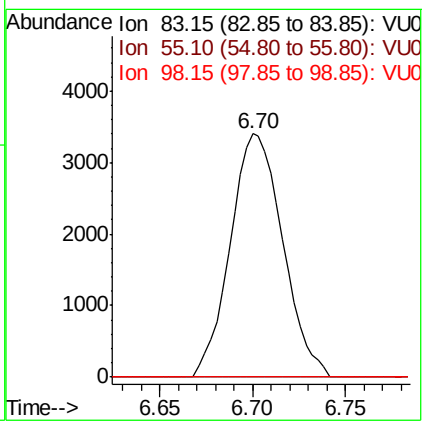


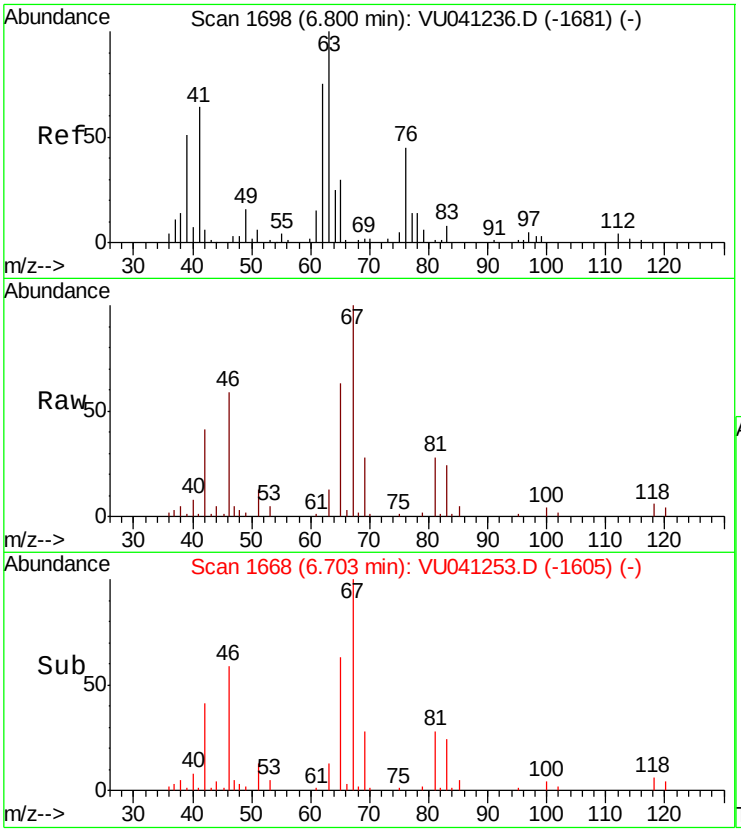


#35
Methylcyclohexane
Concen: 1.506 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 83 Resp: 6662

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



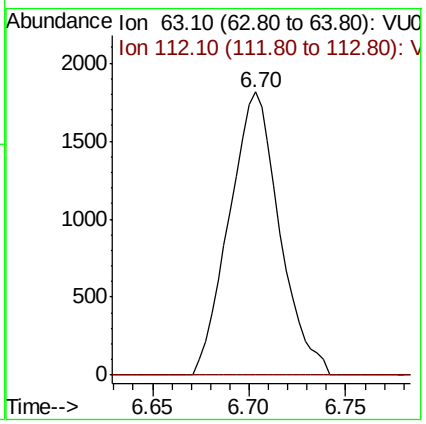


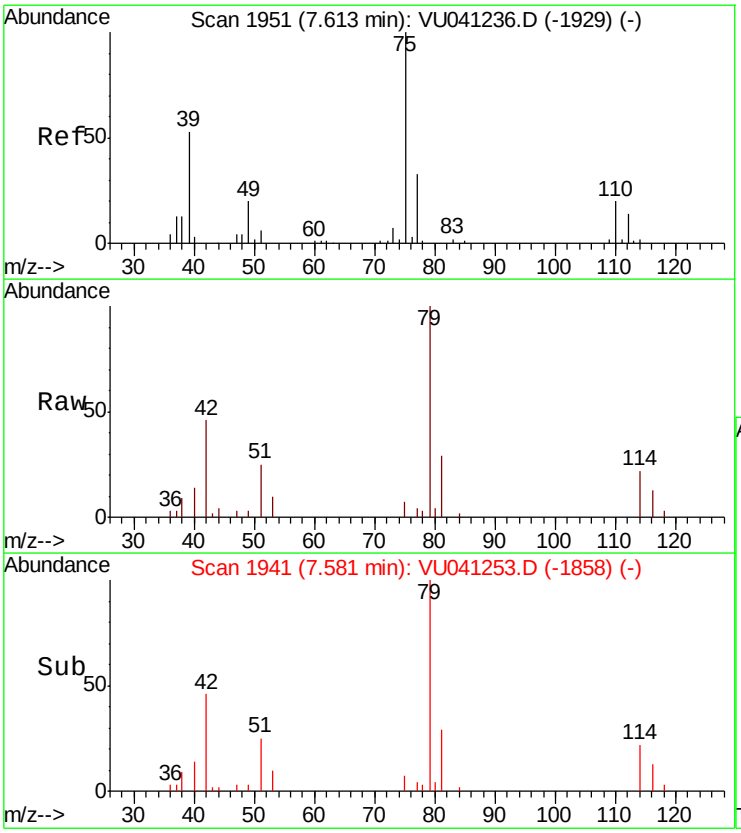
#37
1,2-Dichloropropane
Concen: 0.913 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 63 Resp: 3288

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

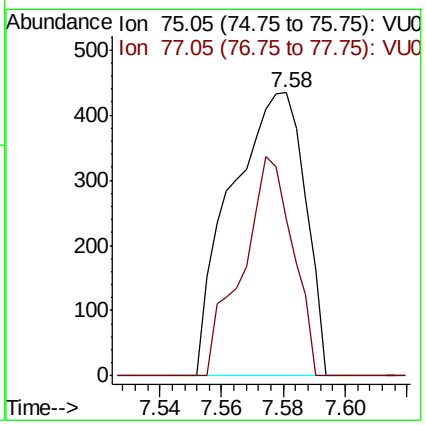


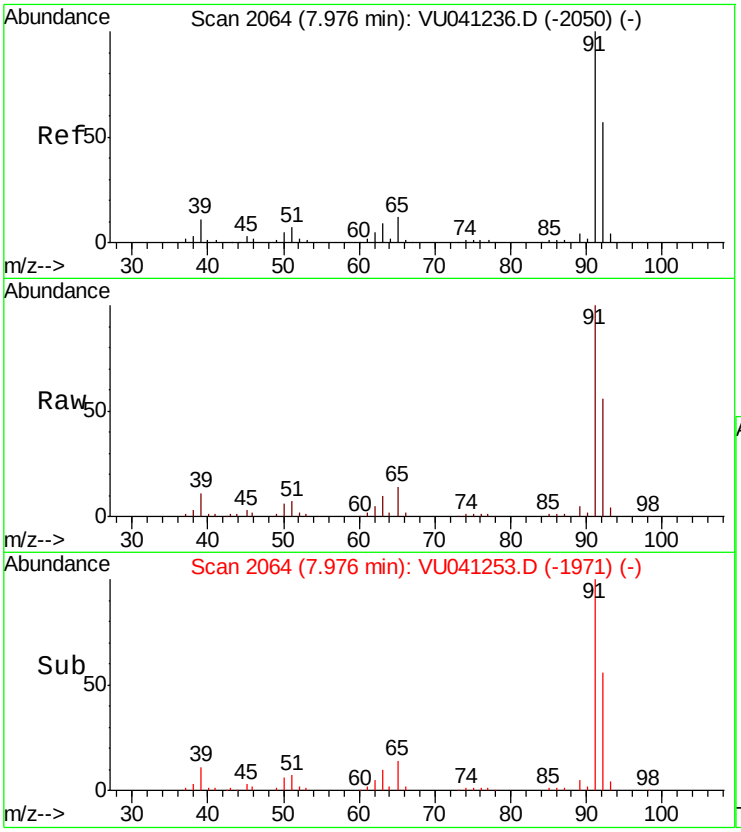


#39
cis-1,3-Dichloropropene
Concen: 0.144 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.03 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 75 Resp: 722

Ion	Ratio	Lower	Upper
75	100		
77	55.3	22.7	42.3#



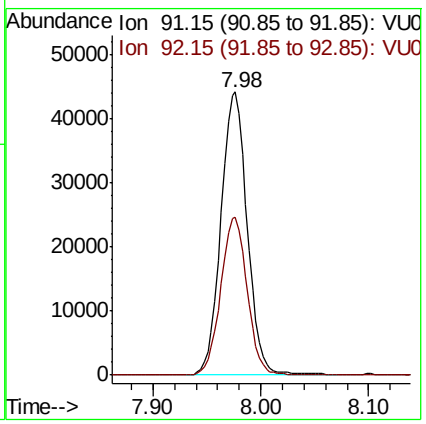


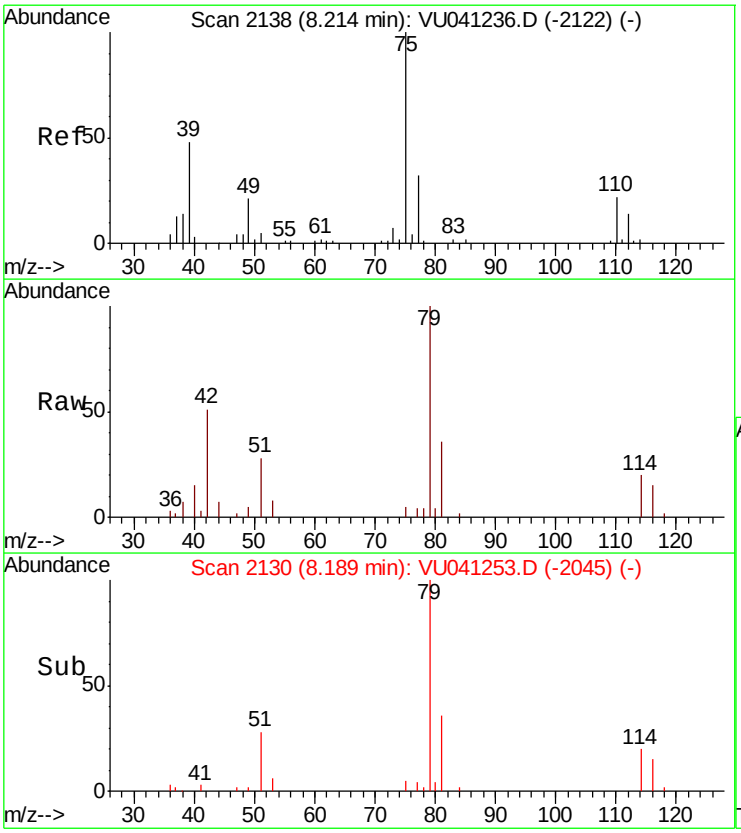
#42
Toluene
Concen: 5.687 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 91 Resp: 74877

Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.6	75.4

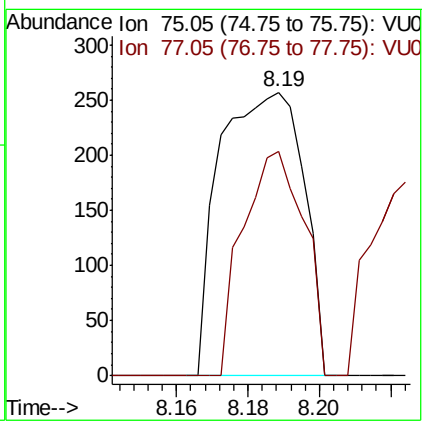


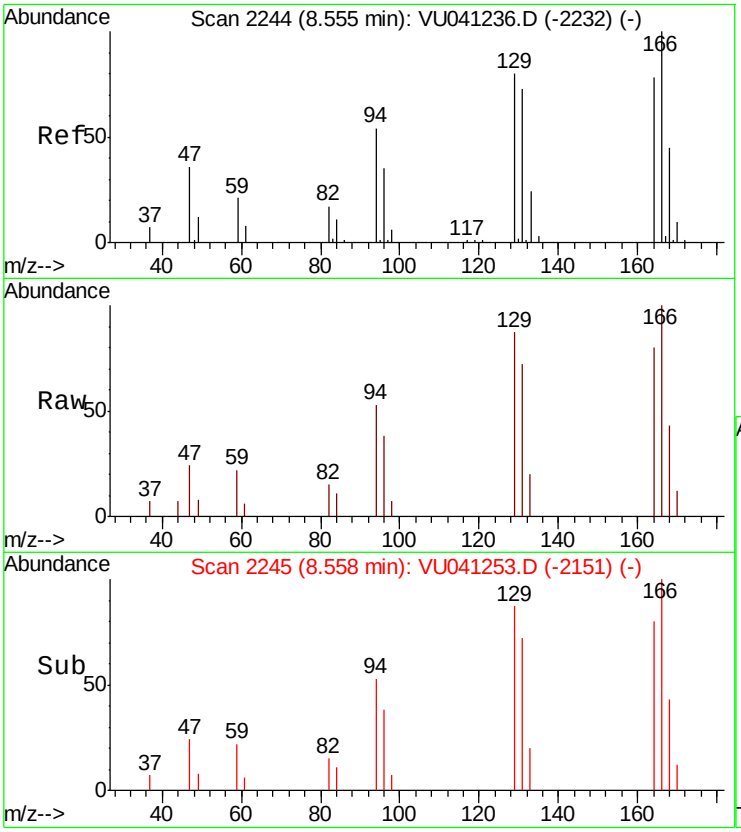


#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 75 Resp: 416

Ion	Ratio	Lower	Upper
75	100		
77	79.4	23.3	43.3#



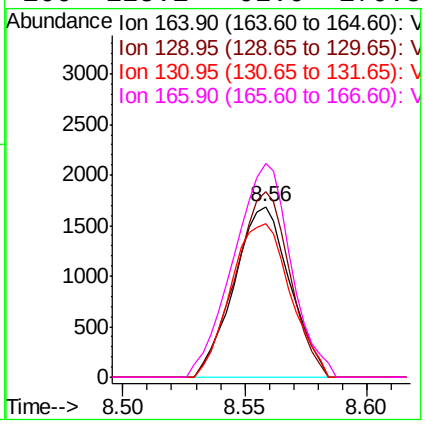


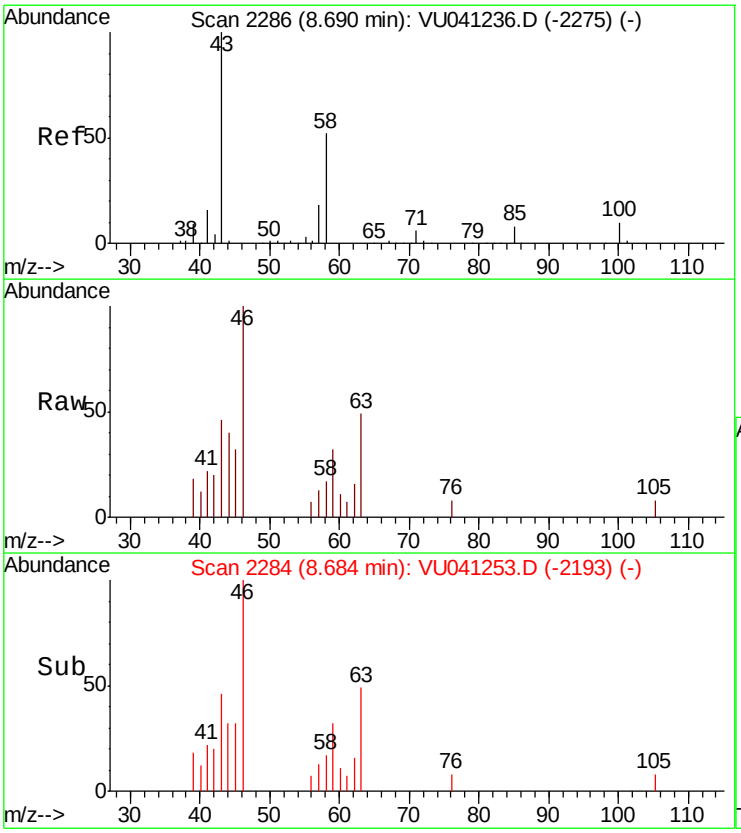
#47
Tetrachloroethene
Concen: 1.087 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument : MSVOA_U
ClientSampleId : GB110MS

Tgt Ion:164 Resp: 2674

Ion	Ratio	Lower	Upper
164	100		
129	108.8	70.3	130.7
131	89.6	70.8	131.4
166	125.1	92.0	170.8

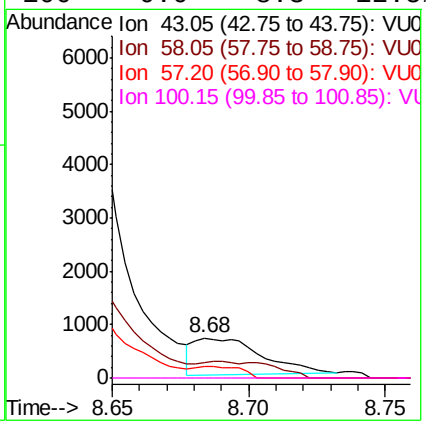


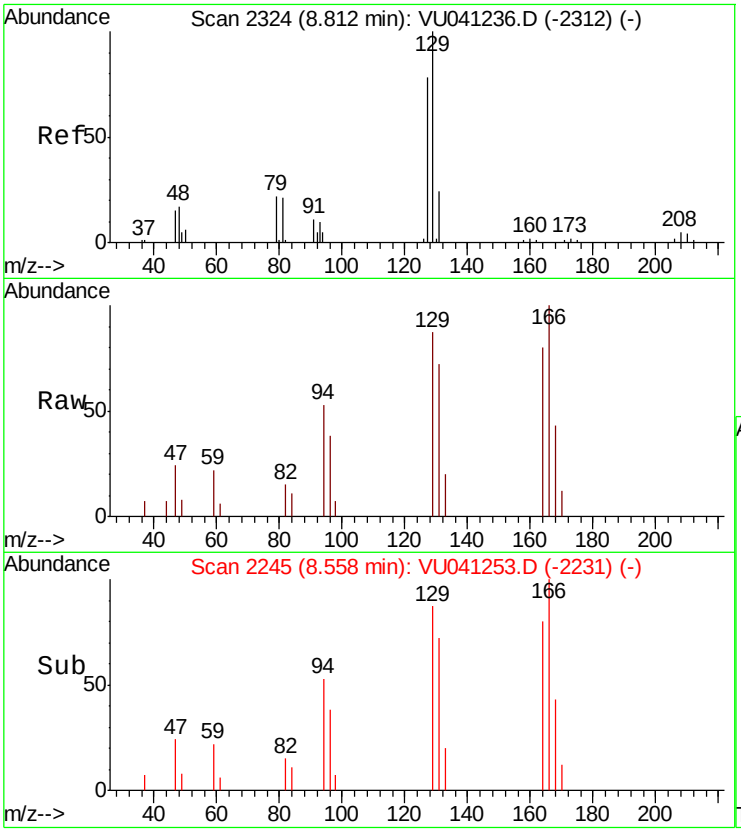


#48
2-Hexanone
Concen: 0.518 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.01 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion: 43 Resp: 1152

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#
57	21.9	14.6	21.8#
100	0.0	8.3	12.5#



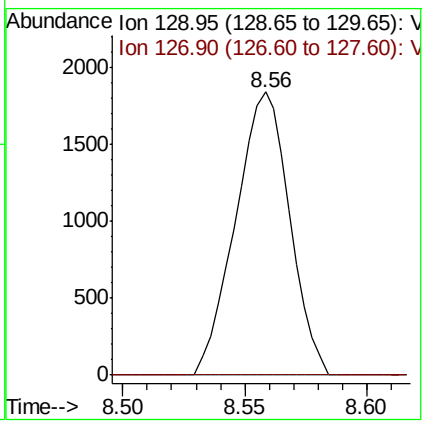


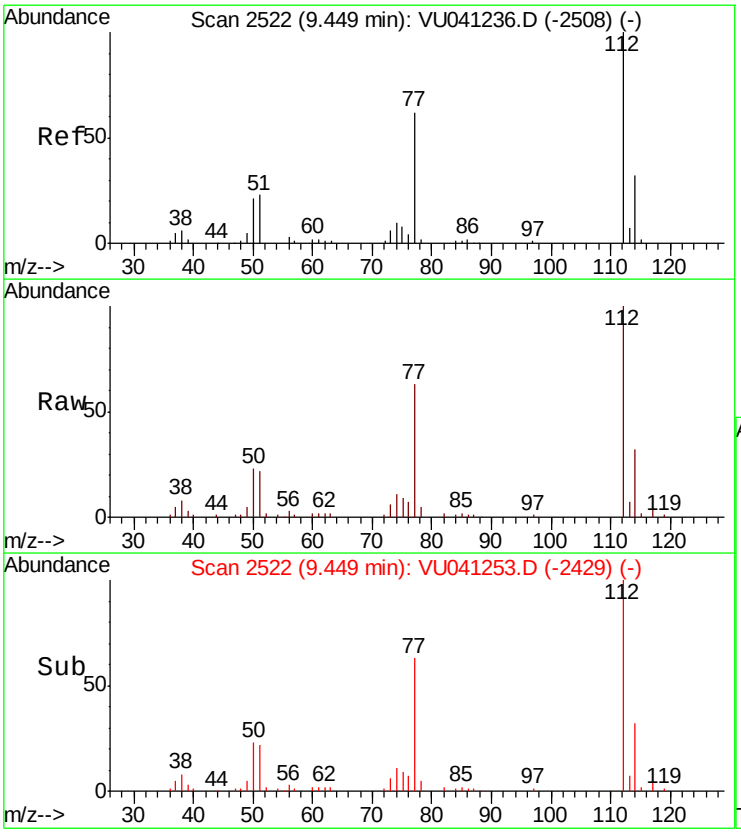
#49
Dibromochloromethane
Concen: 0.854 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion:129 Resp: 2819

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#

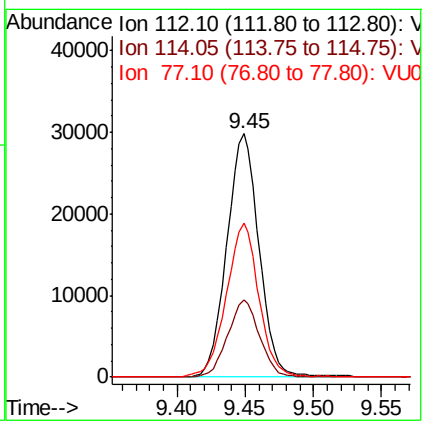


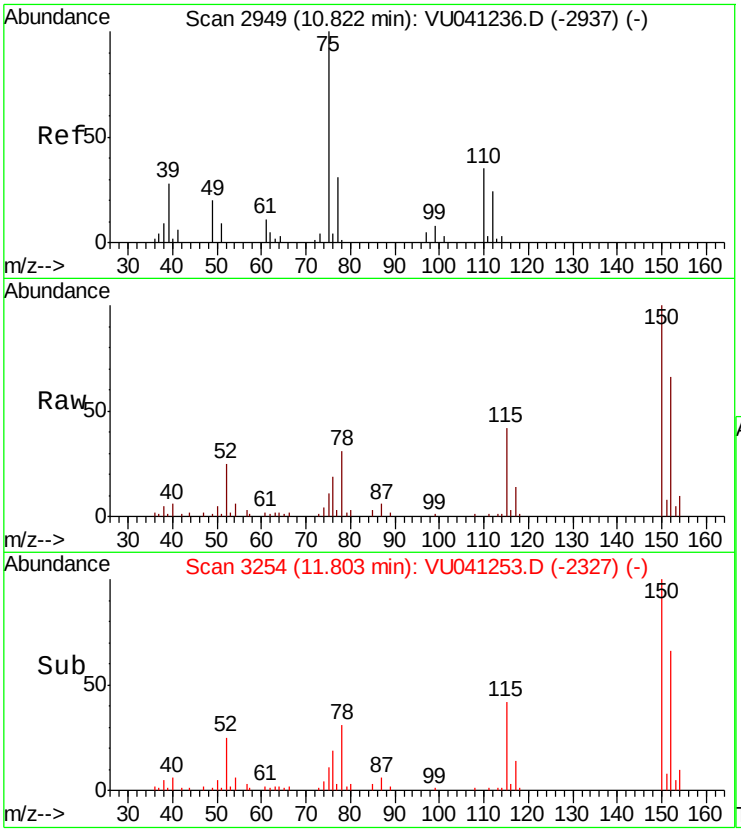


#51
Chlorobenzene
Concen: 5.595 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Tgt Ion:112 Resp: 48793

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.4	41.6
77	63.1	51.2	76.8





#59
1,2,3-Trichloropropane
Concen: 1.036 ug/L
RT: 11.80 min Scan# 3254
Delta R.T. 0.98 min
Lab File: VU041253.D
Acq: 16 Nov 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
GB110MS

Tgt Ion: 75 Resp: 2943

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5