Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040516.D
Acq On : 05 Oct 2020 17:51
Operator : SY/MD
Sample : L4240-09DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

Quant Time: Oct 06 07:54:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117798	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56764	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	30037	5.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.00%			
7) Chloroethane-d5	1.92	69	25372	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.58	63	47269	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	4.66	46	136727	47.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.40%			
24) Chloroform-d	5.08	84	67173	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.72	65	41872	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.75	84	126036	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	6.70	67	43268	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.91	98	107270	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
43) trans-1,3-Dichloropropene-	8.19	79	16746	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.64	63	92202	44.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.40%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37342	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	42580	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	14047	2.082	ug/L #	76
15) Methyl Acetate	3.10	43	1268579	218.207	ug/L #	56
16) Methylene chloride	3.06	84	3377	0.300	ug/L #	1
19) 1,1-Dichloroethane	3.89	63	3430	0.180	ug/L	88
21) 2-Butanone	4.67	43	8622	2.225	ug/L #	52
30) Cyclohexane	5.41	56	103062	6.172	ug/L	98
33) Benzene	5.79	78	2744	0.069	ug/L	100
35) Methylcyclohexane	6.77	83	6519	0.423	ug/L	86
37) 1,2-Dichloropropane	6.71	63	4984	0.452	ug/L #	95
39) cis-1,3-Dichloropropene	7.58	75	1164	0.079	ug/L #	63
44) trans-1,3-Dichloropropene	8.19	75	907	0.066	ug/L #	53
45) 1,1,2-Trichloroethane	8.38	97	5695	0.736	ug/L #	17
47) Tetrachloroethene	8.56	164	681	0.091	ug/L #	77
49) Dibromochloromethane	8.56	129	790	0.088	ug/L #	10
51) Chlorobenzene	9.45	112	386494	14.716	ug/L	99
52) Ethylbenzene	9.57	91	1932	0.044	ug/L	96
53) m,p-Xylene	9.70	106	1269	0.077	ug/L	83

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040516.D
Acq On : 05 Oct 2020 17:51
Operator : SY/MD
Sample : L4240-09DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

Quant Time: Oct 06 07:54:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	10.48	105	1149	0.028	ug/L	#	77
59) 1,2,3-Trichloropropane	11.74	75	13633	1.705	ug/L	#	43
62) 1,3-Dichlorobenzene	11.74	146	38078	2.026	ug/L		95
63) 1,4-Dichlorobenzene	11.83	146	73963	3.784	ug/L		98
65) 1,2-Dichlorobenzene	12.20	146	4686	0.256	ug/L		92
66) 1,2-Dibromo-3-chloropropan	13.21	75	239	0.145	ug/L	#	10
67) 1,3,5-Trichlorobenzene	13.83	180	43438	3.238	ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	43438	4.029	ug/L		97
70) 1,2,3-Trichlorobenzene	14.32	180	6505	0.659	ug/L		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040516.D
Acq On : 05 Oct 2020 17:51
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Sample : L4240-09DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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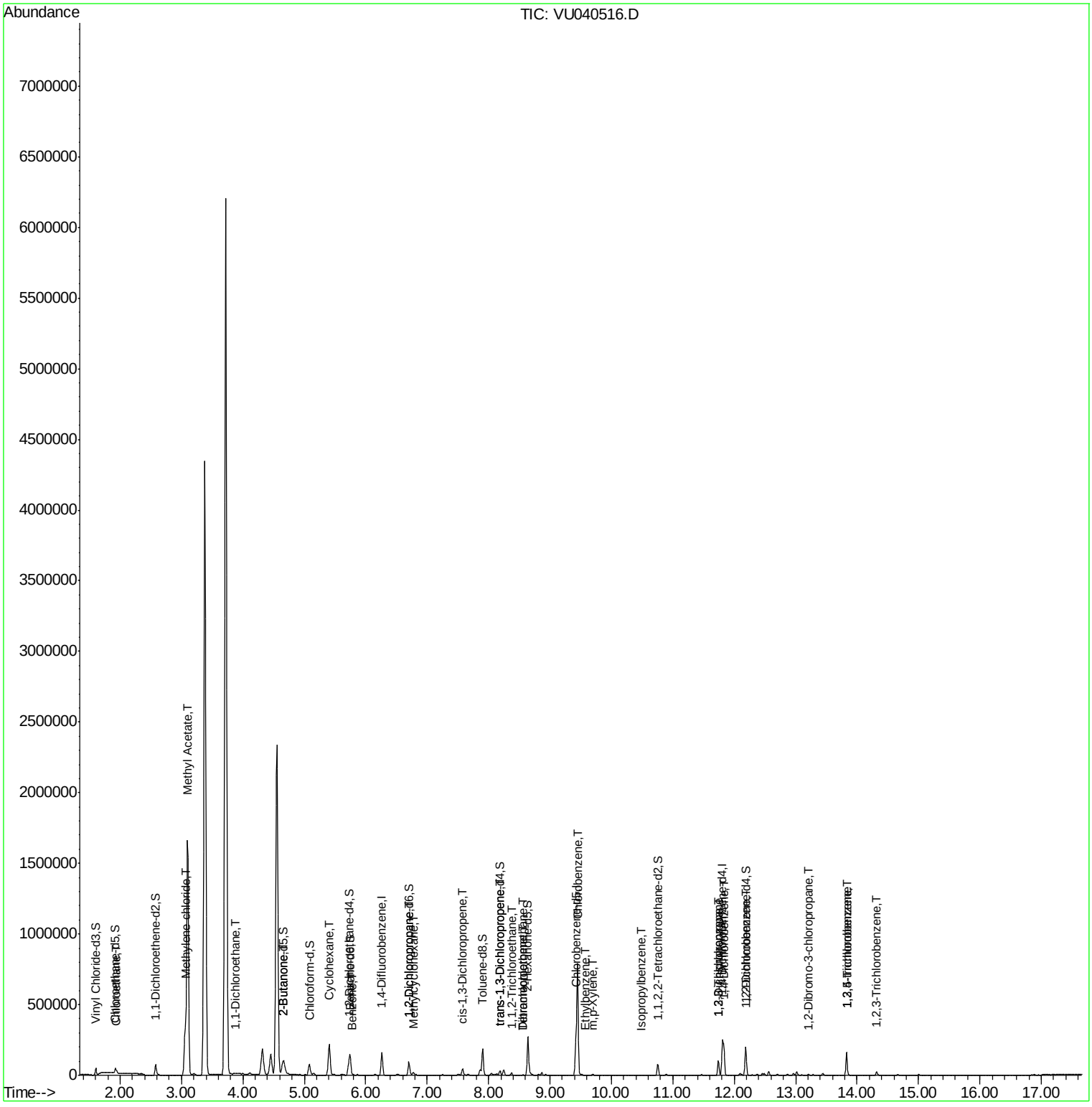
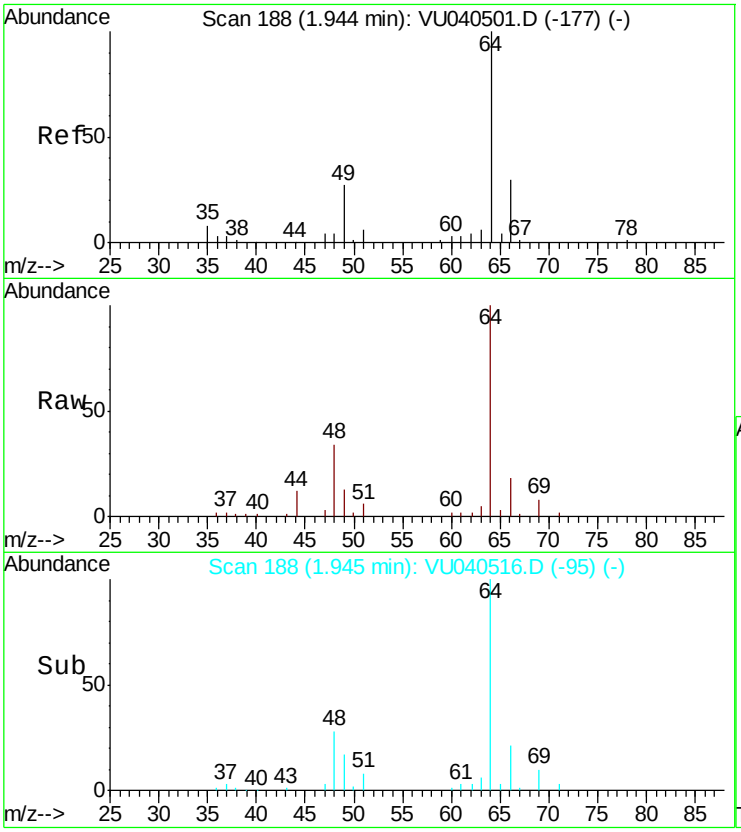
BG3S7DL

Quant Time: Oct 06 07:54:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration



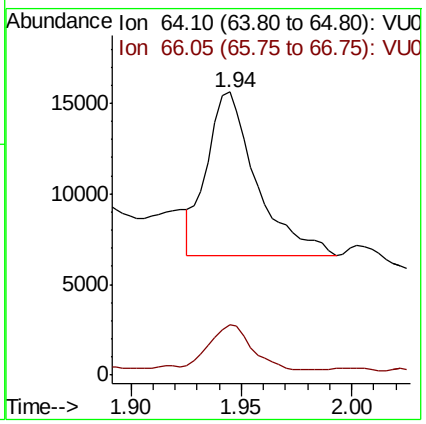


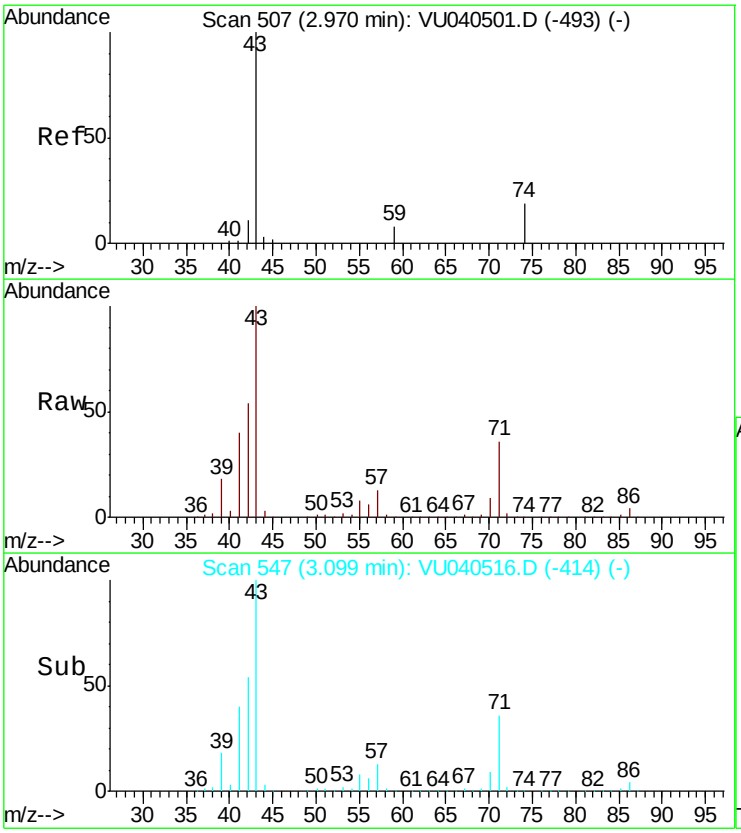
#8
Chloroethane
Concen: 2.082 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 64 Resp: 14047

Ion	Ratio	Lower	Upper
64	100		
66	17.7	21.3	39.6#

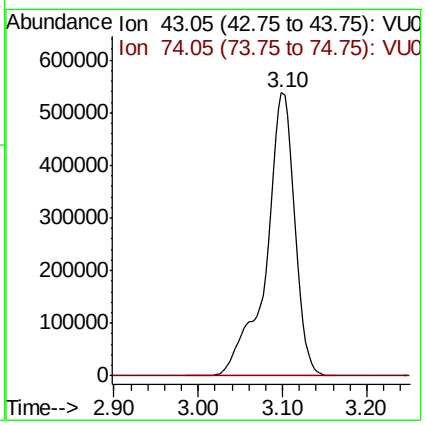


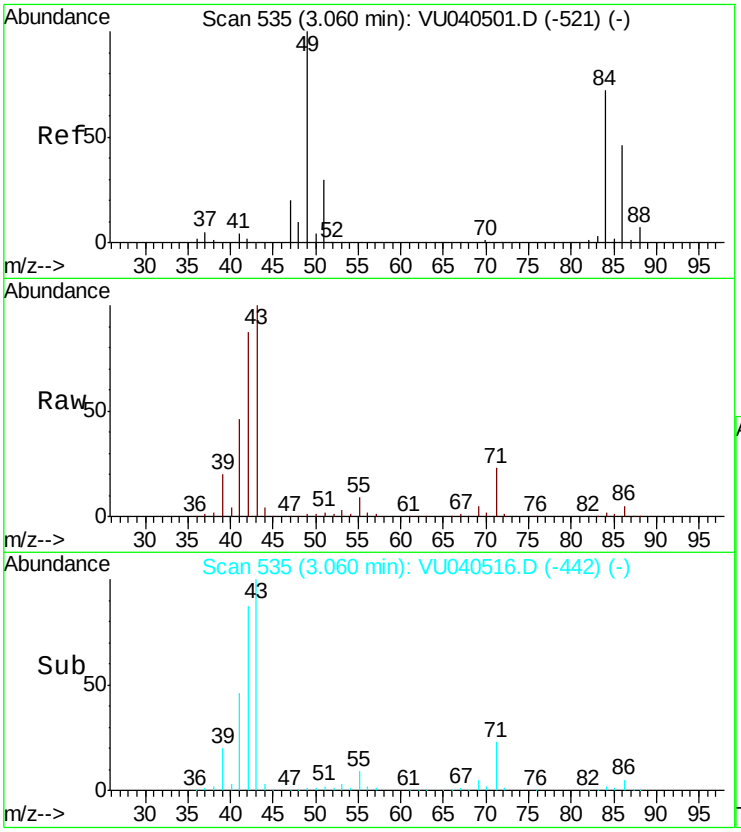


#15
Methyl Acetate
Concen: 218.207 ug/L
RT: 3.10 min Scan# 547
Delta R.T. 0.13 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion: 43 Resp: 1268579

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



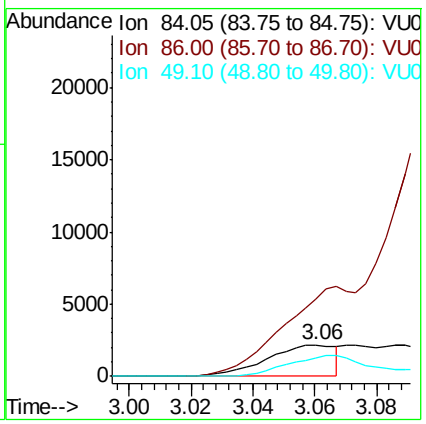


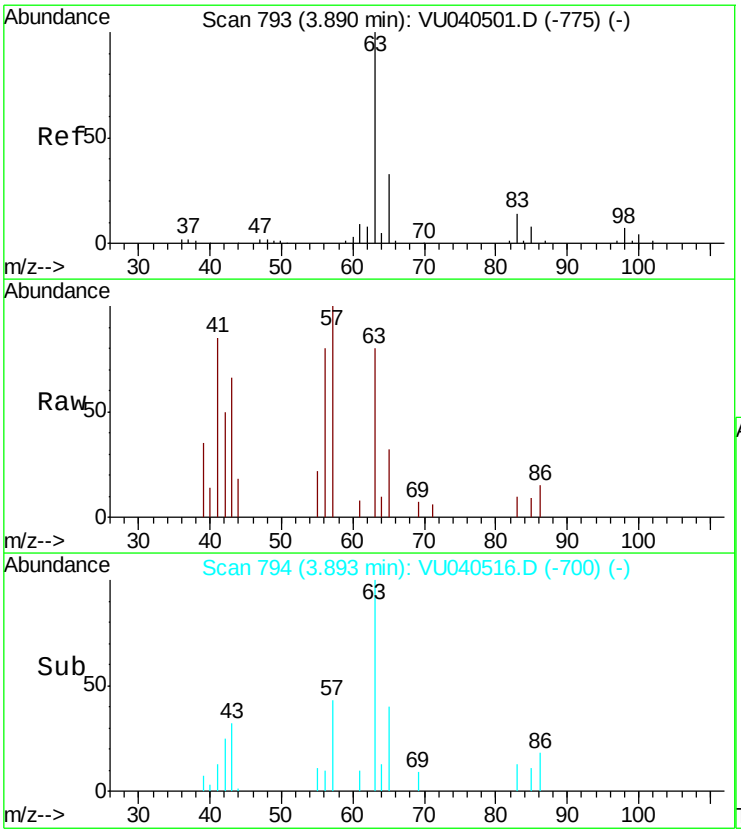
#16
Methylene chloride
Concen: 0.300 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 84 Resp: 3377

Ion	Ratio	Lower	Upper
84	100		
86	246.9	44.4	82.5#
49	56.6	92.2	171.2#

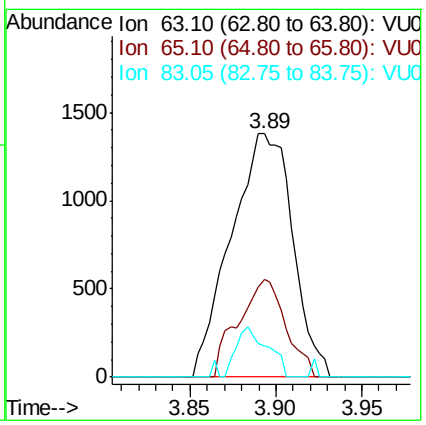


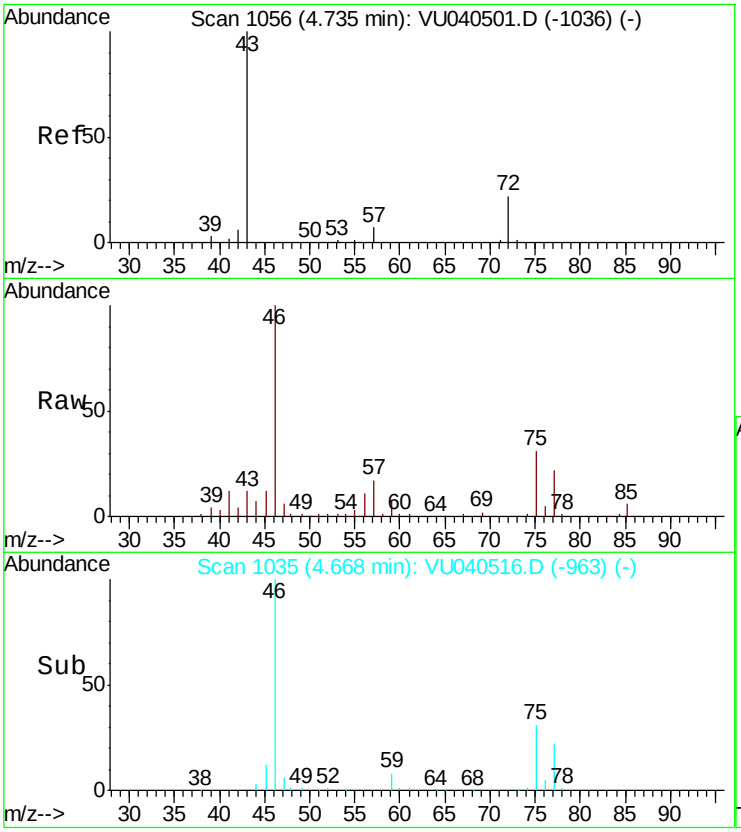


#19
1,1-Dichloroethane
Concen: 0.180 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion: 63 Resp: 3430

Ion	Ratio	Lower	Upper
63	100		
65	39.9	21.7	40.3
83	12.8	9.1	16.9



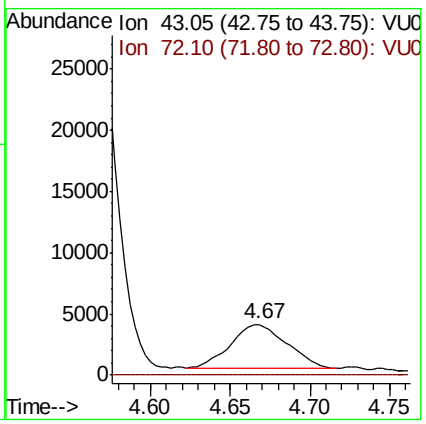


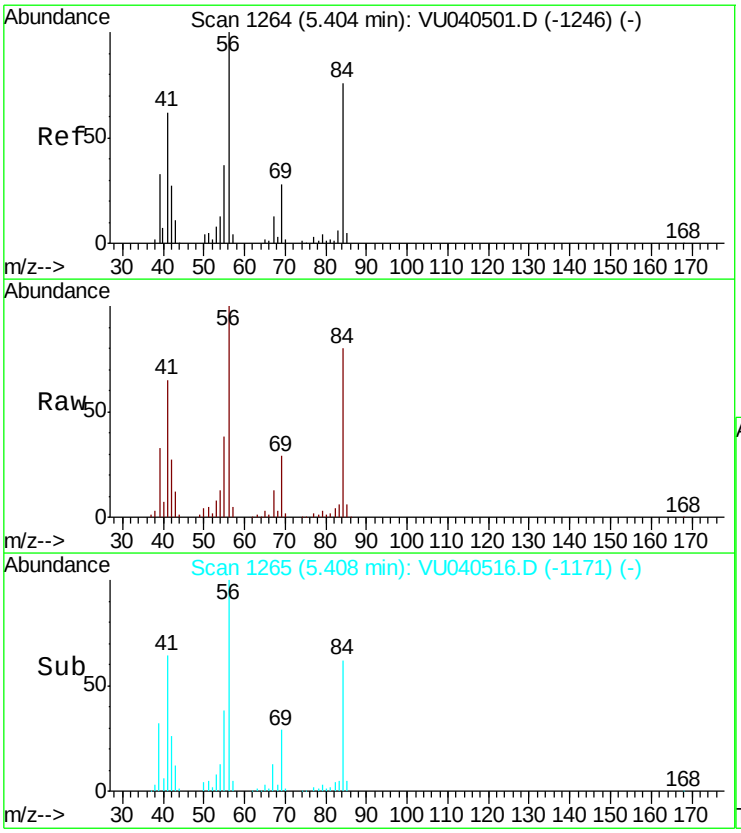
#21
2-Butanone
Concen: 2.225 ug/L
RT: 4.67 min Scan# 1035
Delta R.T. -0.07 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 43 Resp: 8622

Ion	Ratio	Lower	Upper
43	100		
72	0.3	12.0	36.1#

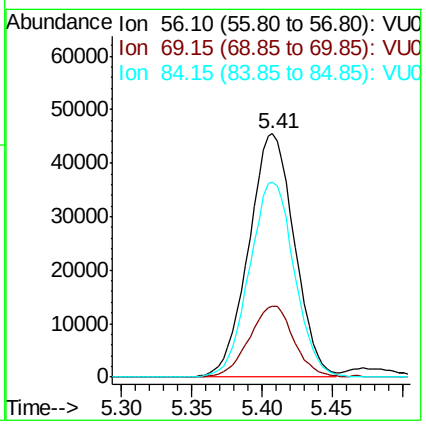


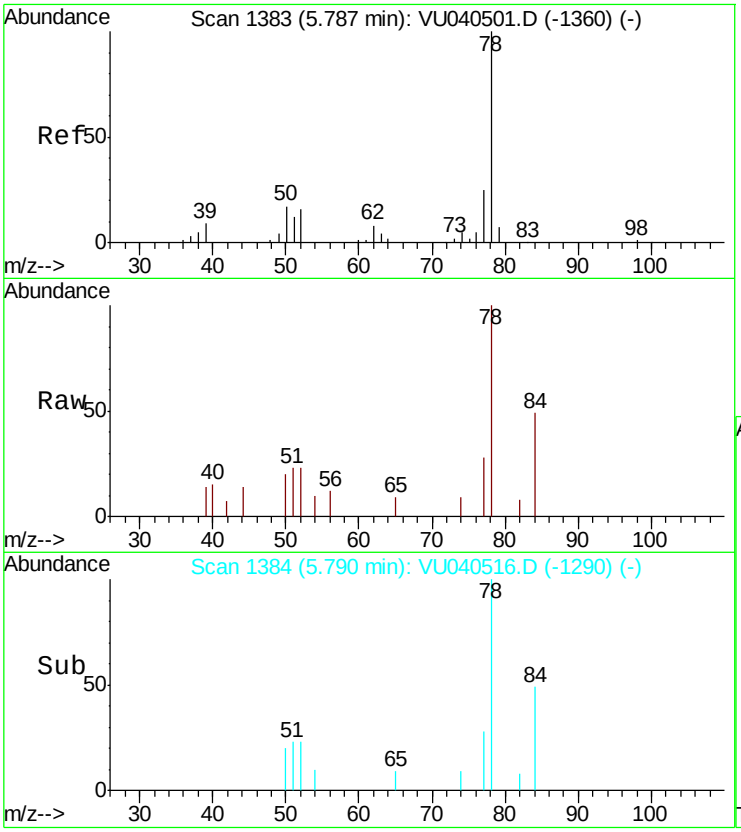


#30
Cyclohexane
Concen: 6.172 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion: 56 Resp: 103062

Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.3	34.9
84	78.6	64.2	96.4

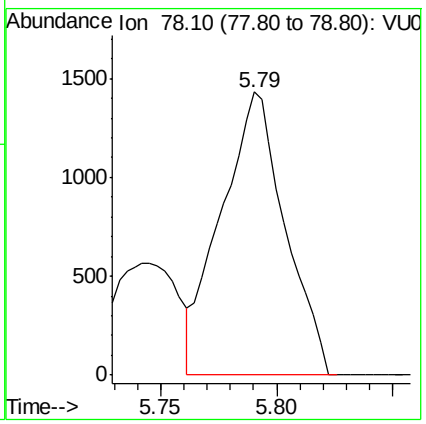


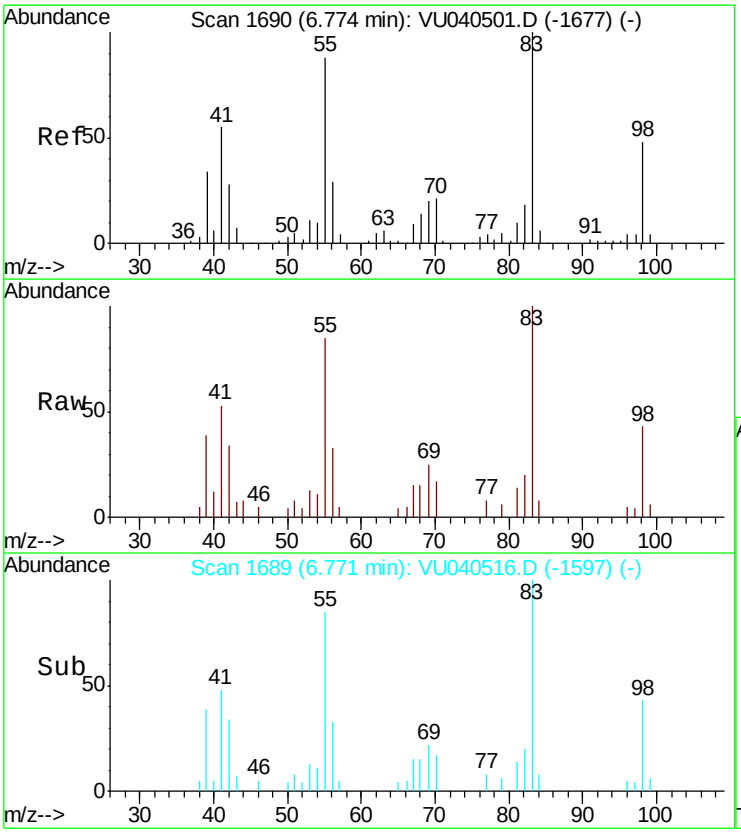


#33
Benzene
Concen: 0.069 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 78 Resp: 2744

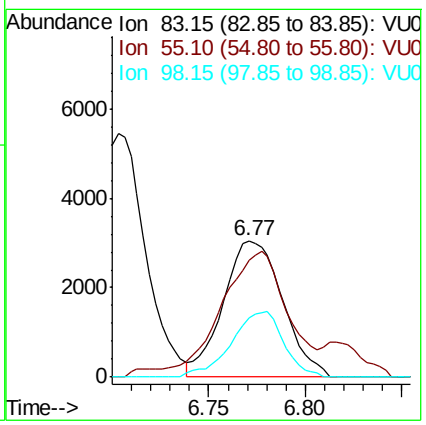


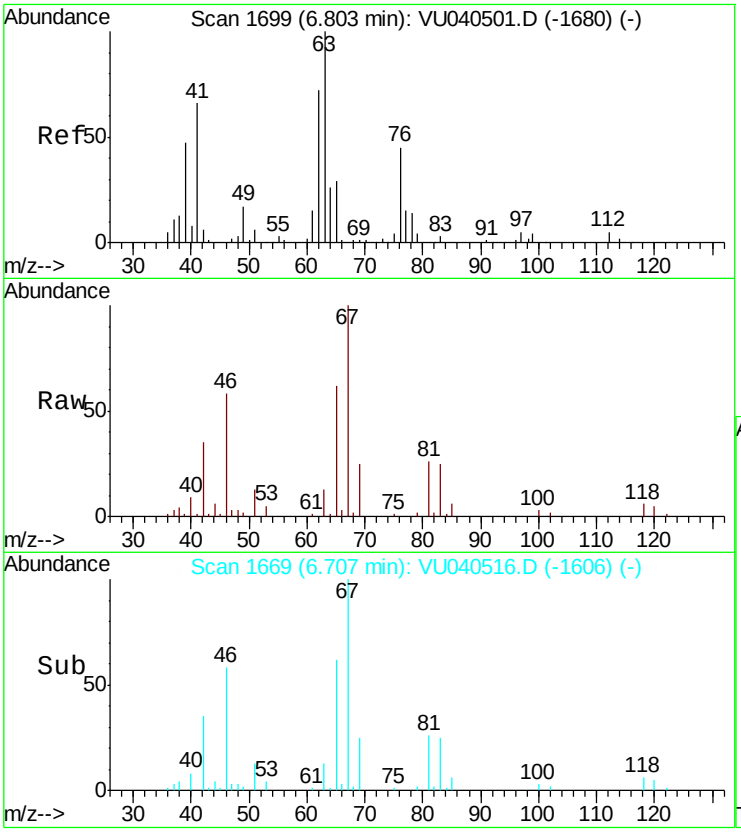


#35
Methylcyclohexane
Concen: 0.423 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion: 83 Resp: 6519

Ion	Ratio	Lower	Upper
83	100		
55	105.8	71.4	107.2
98	42.3	38.5	57.7



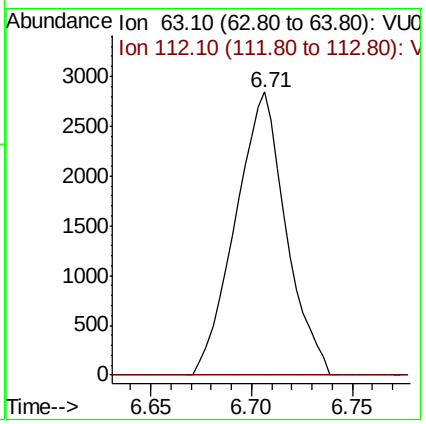


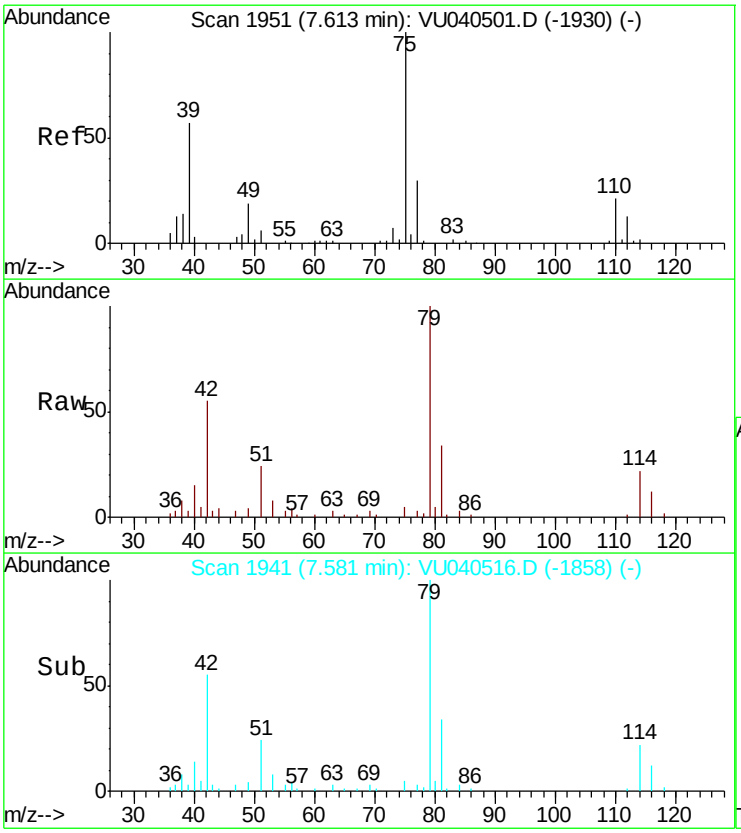
#37
1,2-Dichloropropane
Concen: 0.452 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 63 Resp: 4984

Ion	Ratio	Lower	Upper
63	100		
112	2.3	3.2	4.8#

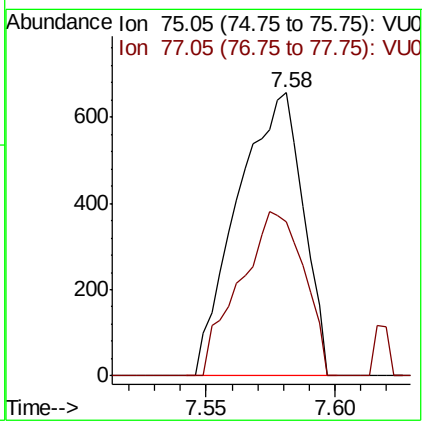


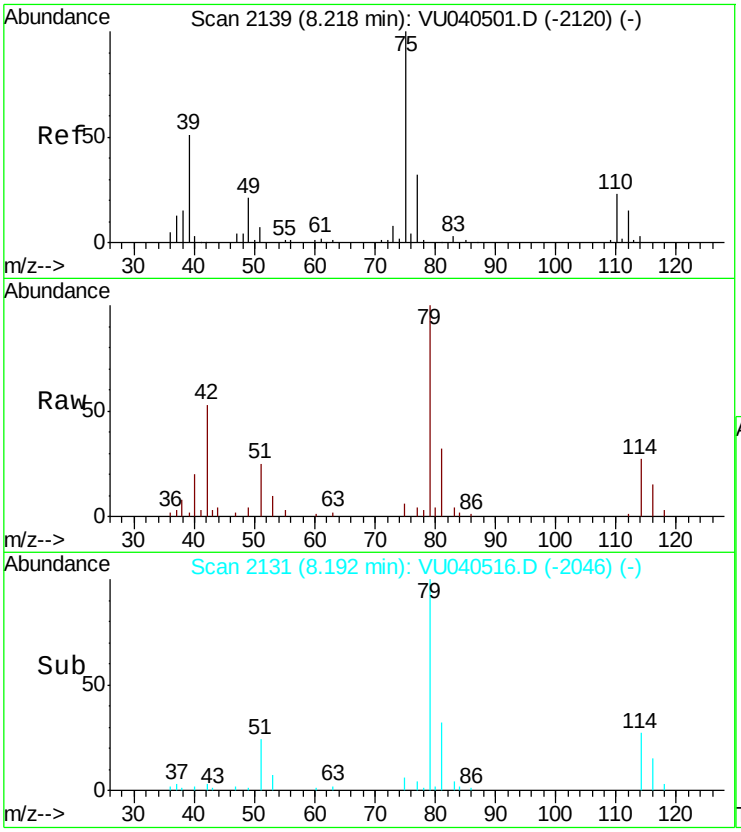


#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.03 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion: 75 Resp: 1164

Ion	Ratio	Lower	Upper
75	100		
77	54.5	23.5	43.7#



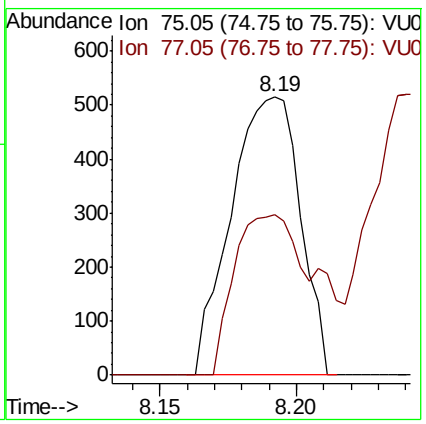


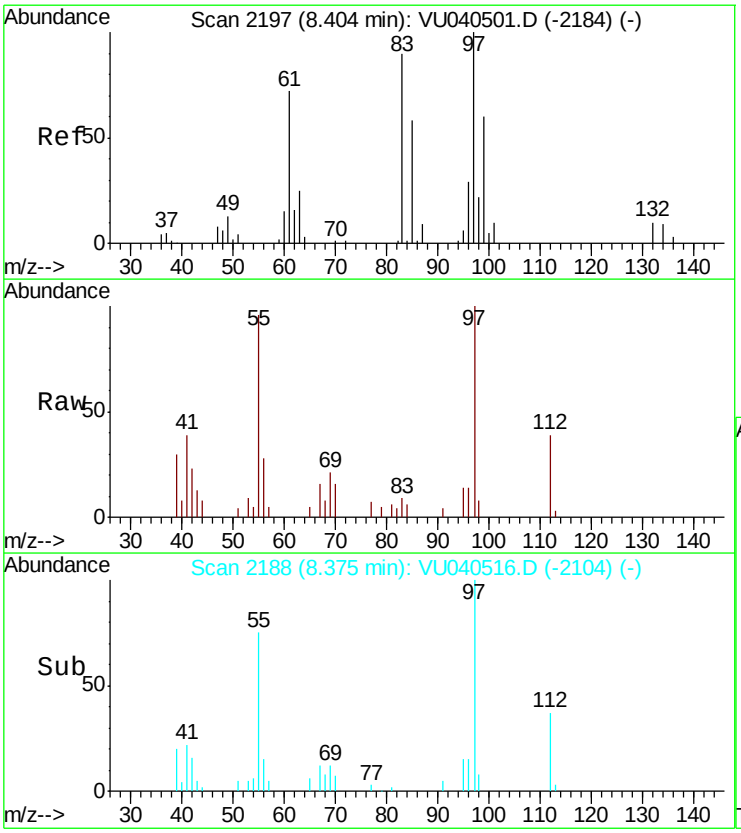
#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.03 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 75 Resp: 907

Ion	Ratio	Lower	Upper
75	100		
77	57.8	22.3	41.3#

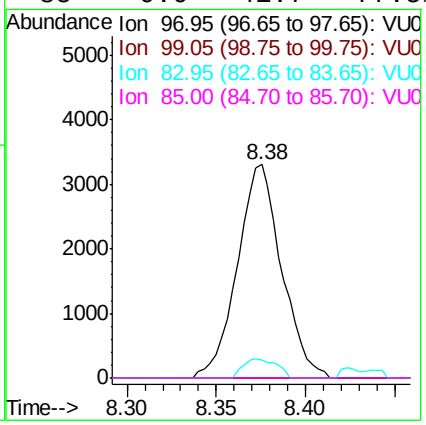


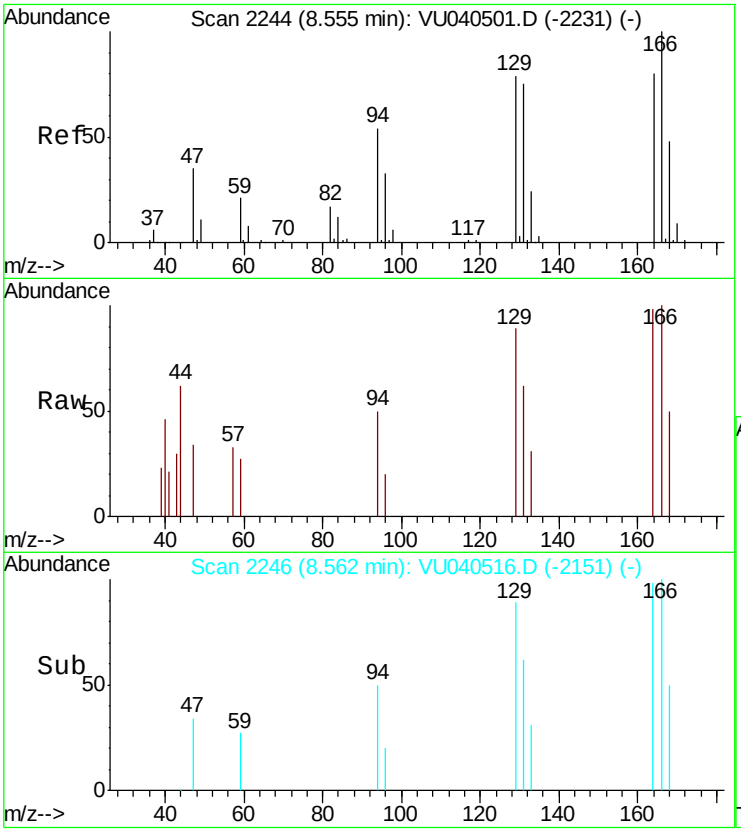


#45
1,1,2-Trichloroethane
Concen: 0.736 ug/L
RT: 8.38 min Scan# 2188
Delta R.T. -0.03 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion: 97 Resp: 5695

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.0#
83	8.6	62.9	116.9#
85	0.0	41.7	77.5#



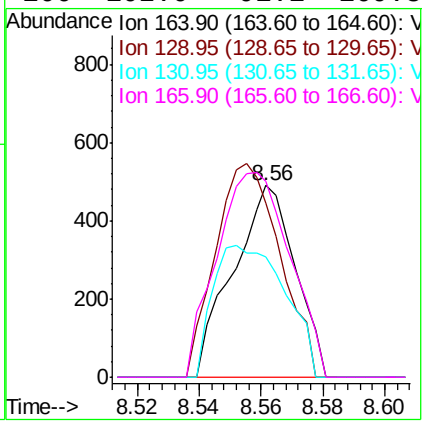


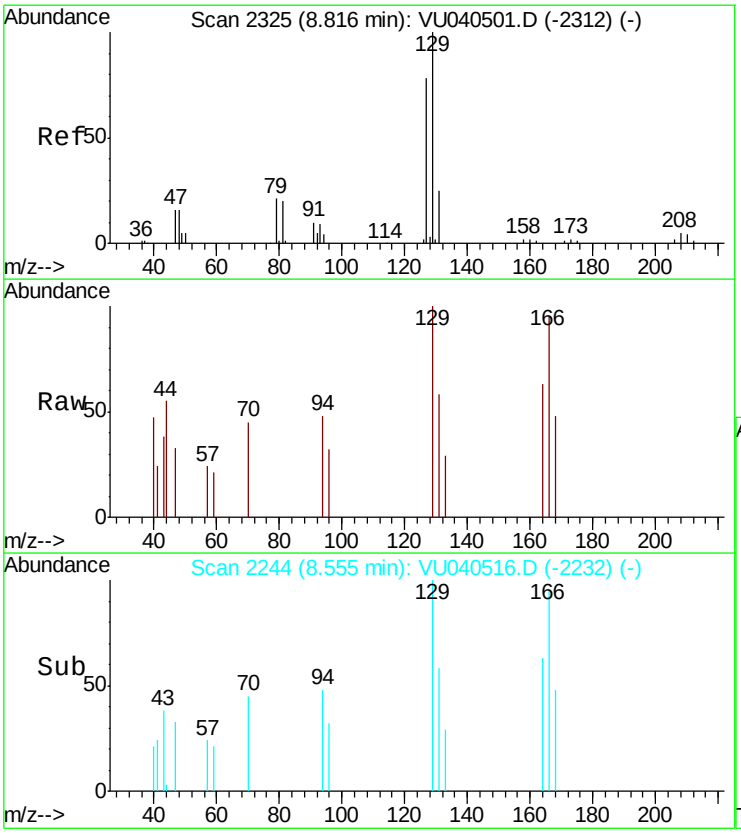
#47
Tetrachloroethene
Concen: 0.091 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

Tgt Ion:164 Resp: 681

Ion	Ratio	Lower	Upper
164	100		
129	91.2	70.3	130.7
131	63.1	69.2	128.6#
166	102.0	91.1	169.3

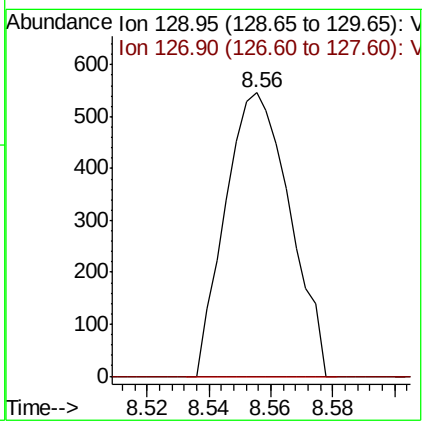


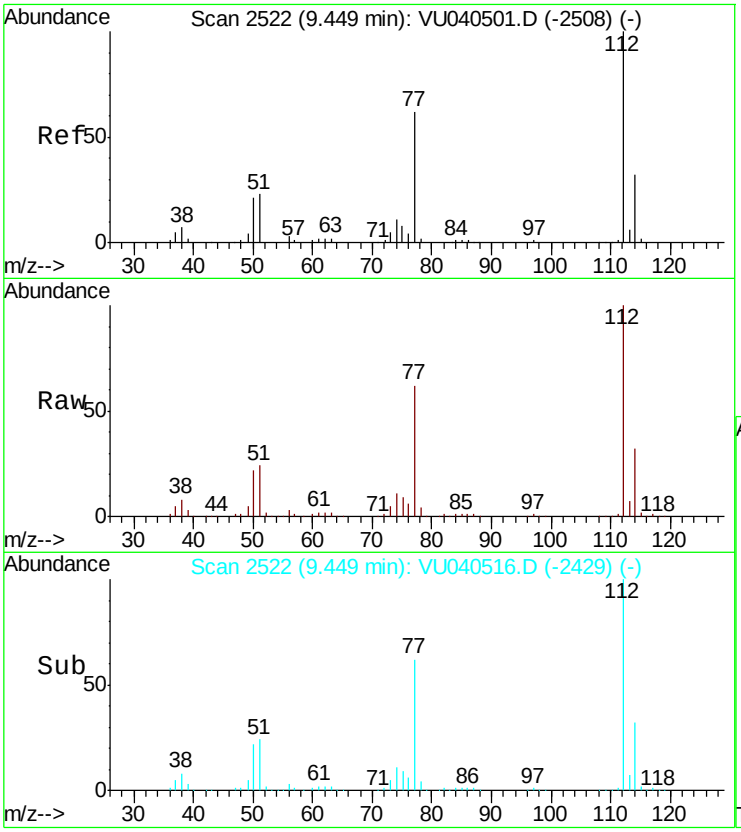


#49
Dibromochloromethane
Concen: 0.088 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion:129 Resp: 790

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#



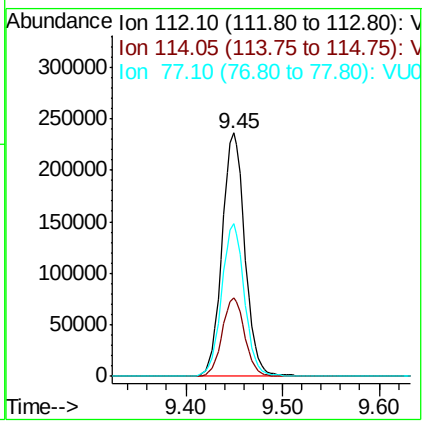


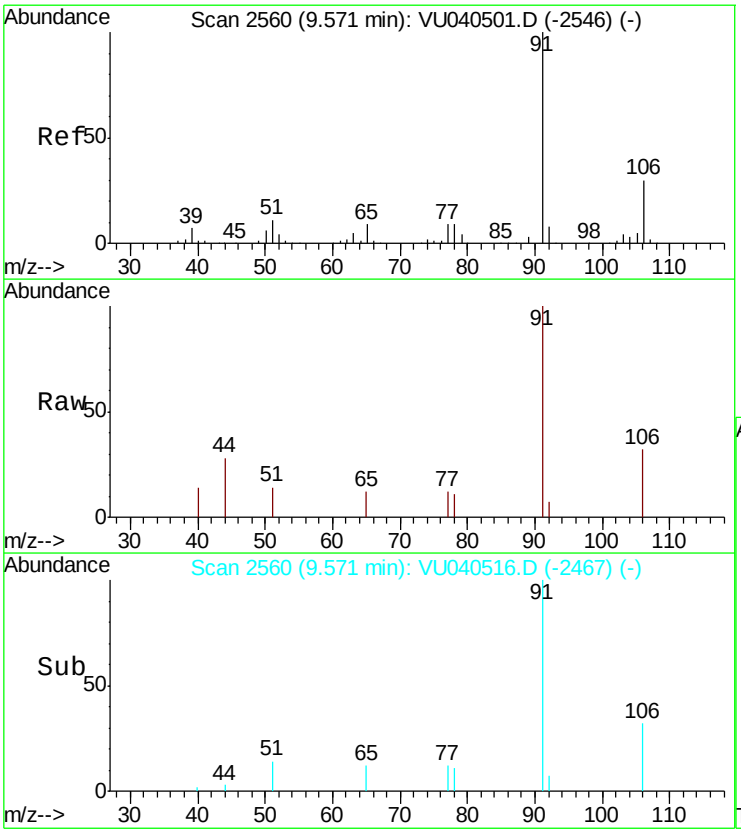
#51
Chlorobenzene
Concen: 14.716 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion:112 Resp: 386494

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	40.8
77	62.5	49.5	74.3

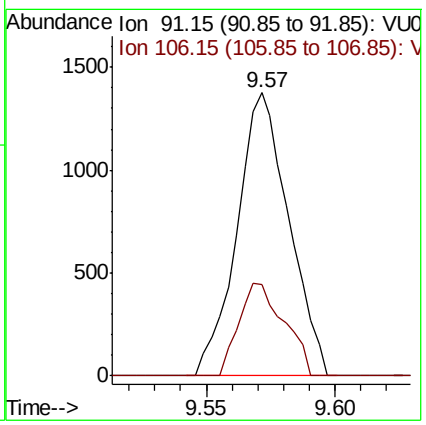


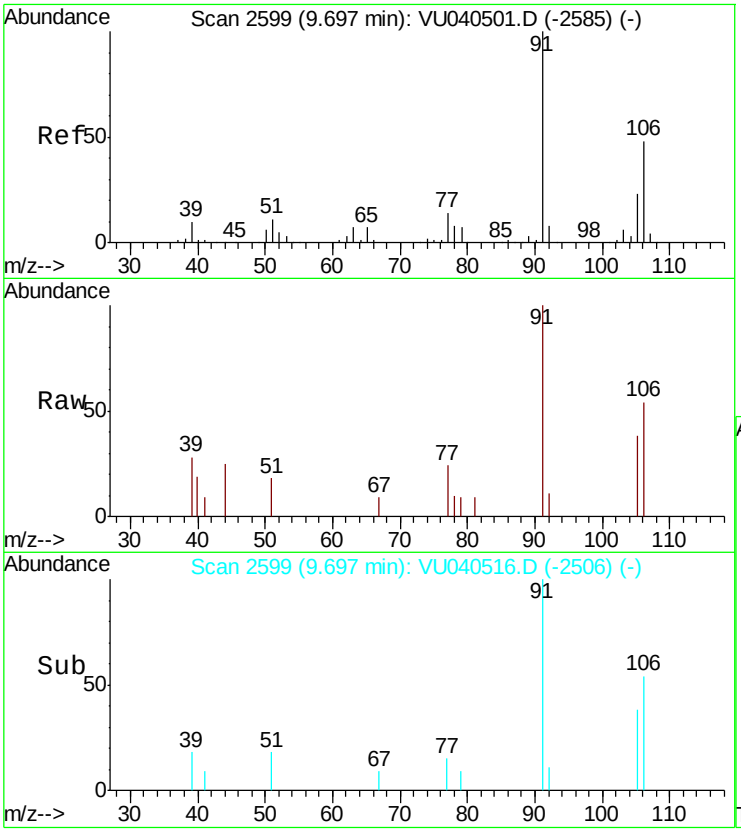


#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion: 91 Resp: 1932

Ion	Ratio	Lower	Upper
91	100		
106	32.3	21.1	39.3



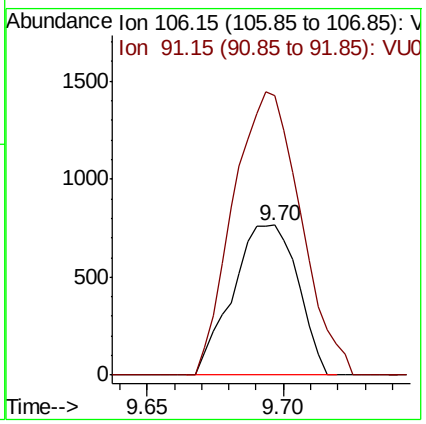


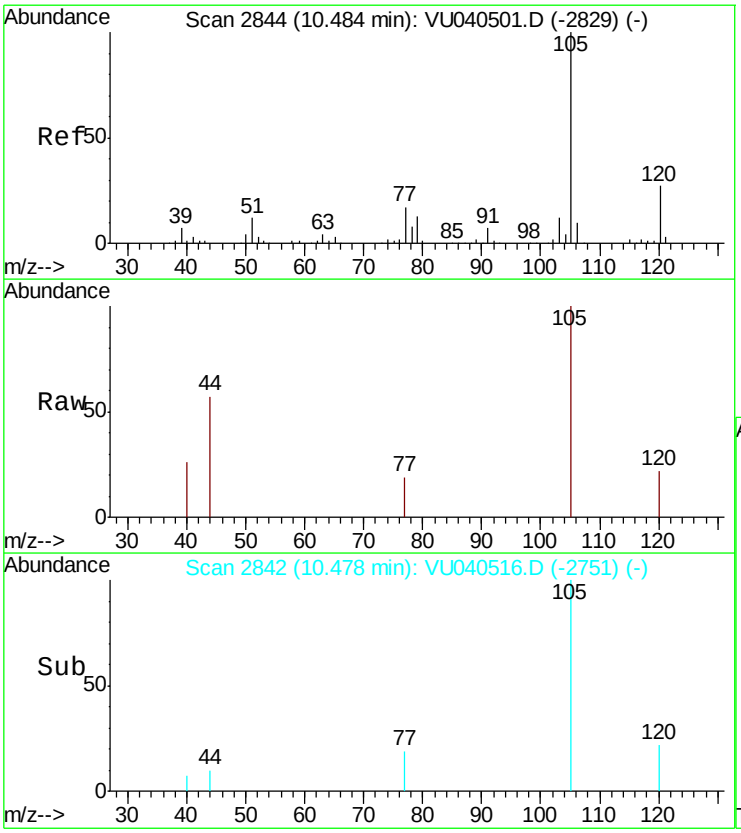
#53
m,p-Xylene
Concen: 0.077 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion:106 Resp: 1269

Ion	Ratio	Lower	Upper
106	100		
91	186.8	149.0	276.6

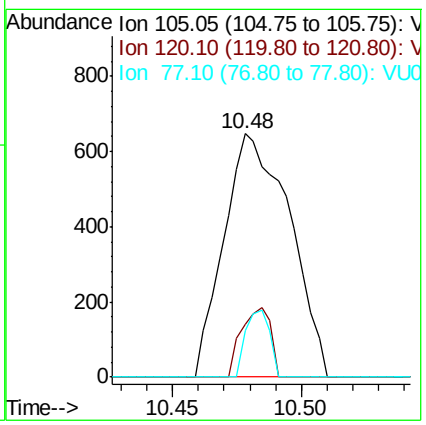


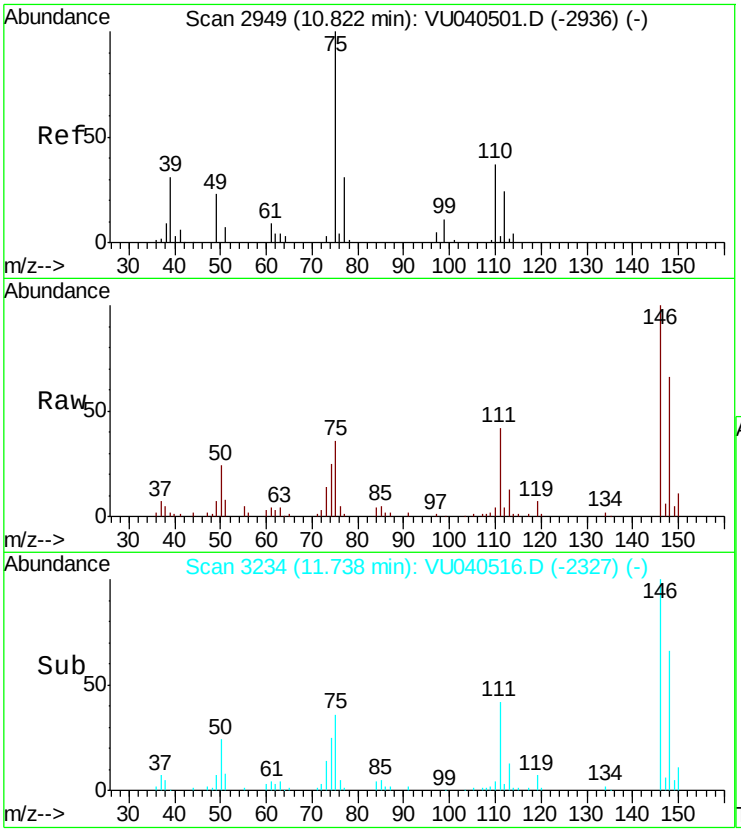


#56
Isopropylbenzene
Concen: 0.028 ug/L
RT: 10.48 min Scan# 2842
Delta R.T. -0.01 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion:105 Resp: 1149

Ion	Ratio	Lower	Upper
105	100		
120	12.5	20.6	30.8#
77	9.9	14.3	21.5#



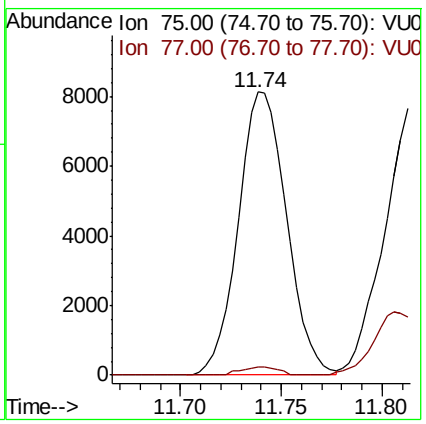


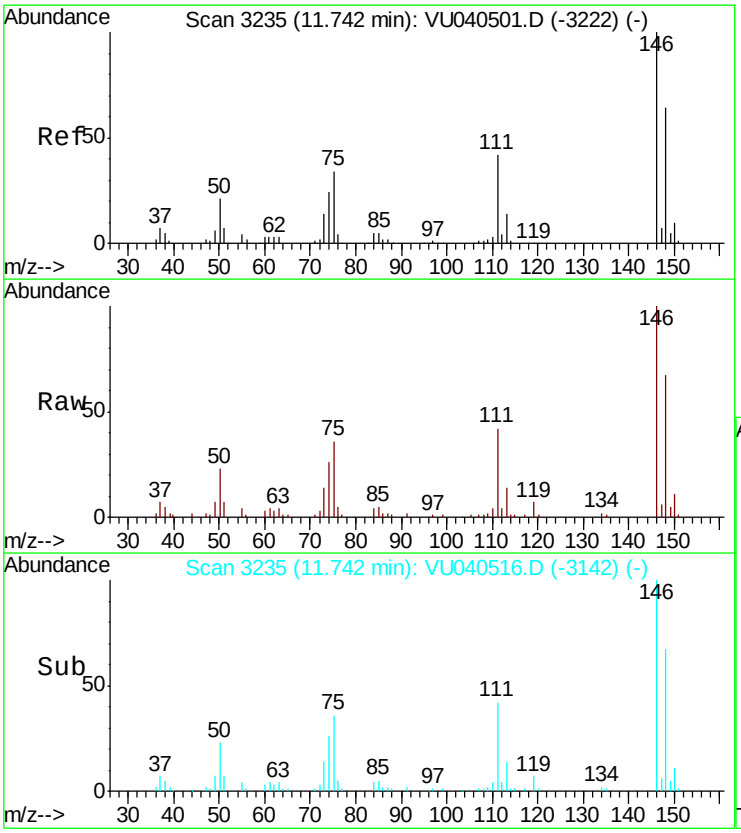
#59
1,2,3-Trichloropropane
Concen: 1.705 ug/L
RT: 11.74 min Scan# 3234
Delta R.T. 0.92 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 75 Resp: 13633

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#

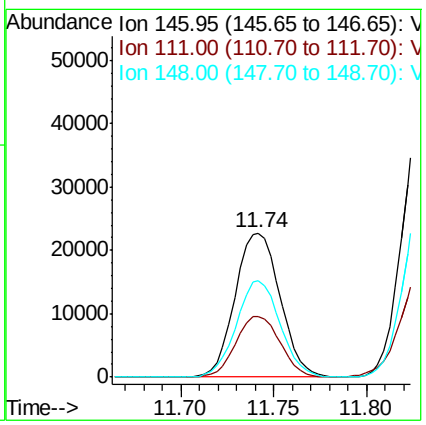


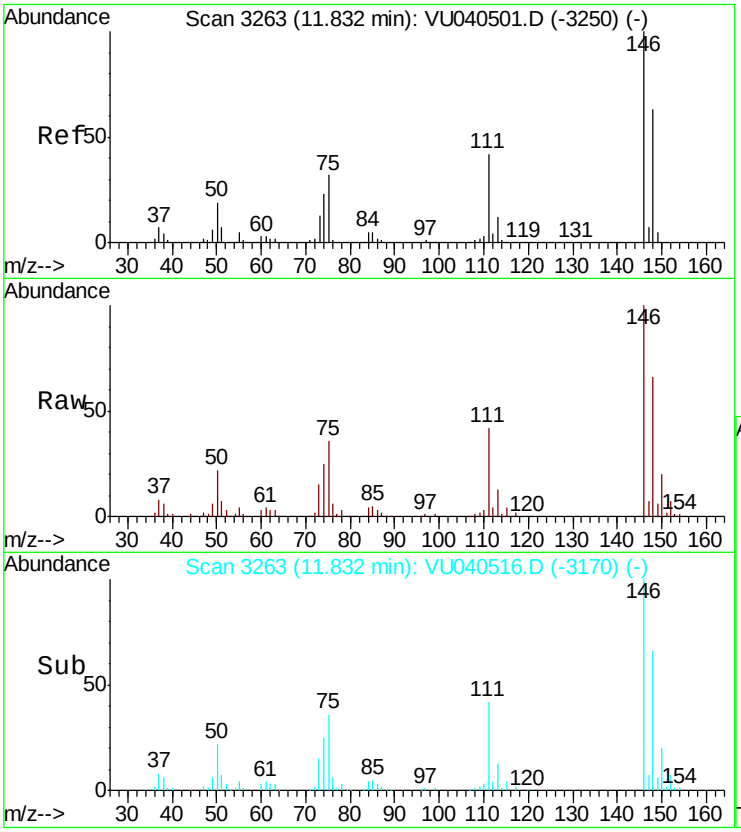


#62
1,3-Dichlorobenzene
Concen: 2.026 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion:146 Resp: 38078

Ion	Ratio	Lower	Upper
146	100		
111	42.2	28.6	53.0
148	67.3	43.4	80.6



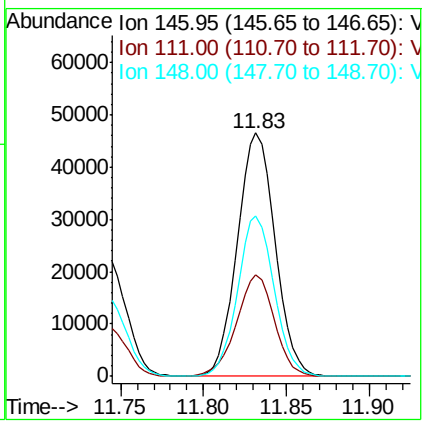


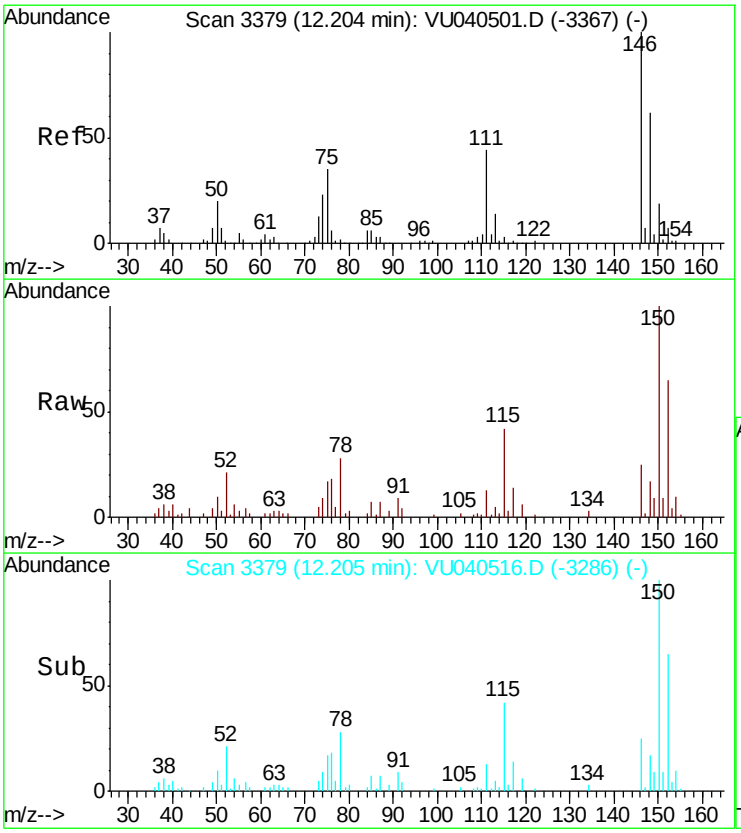
#63
1,4-Dichlorobenzene
Concen: 3.784 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion:146 Resp: 73963

Ion	Ratio	Lower	Upper
146	100		
111	41.6	29.2	54.2
148	65.6	44.4	82.4

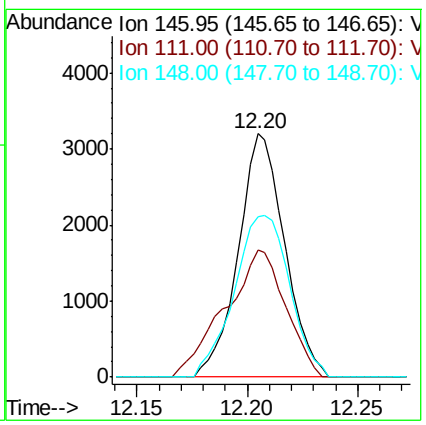


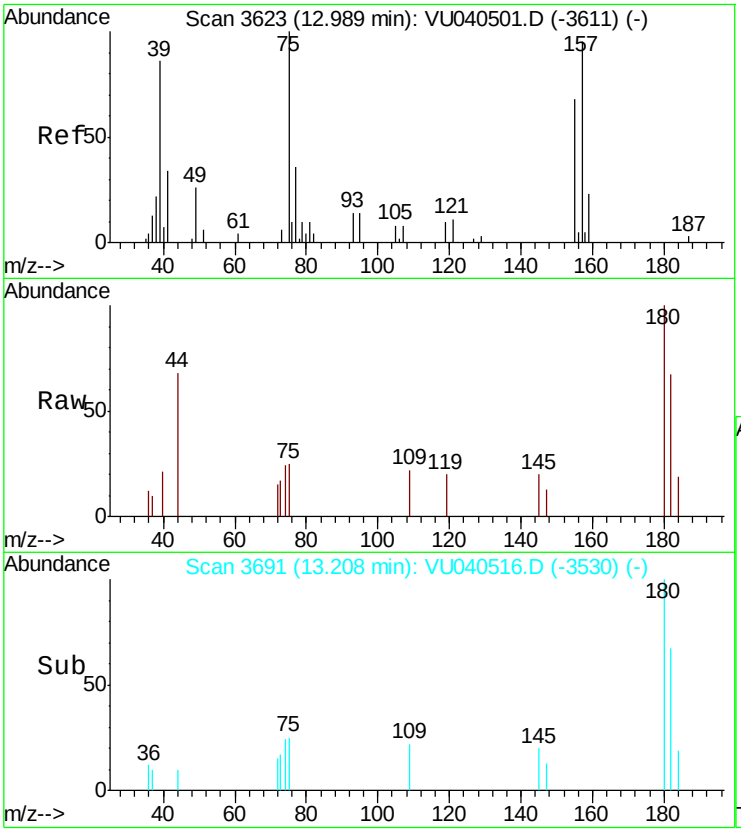


#65
1,2-Dichlorobenzene
Concen: 0.256 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion:146 Resp: 4686

Ion	Ratio	Lower	Upper
146	100		
111	52.1	35.6	53.4
148	66.0	49.8	74.6



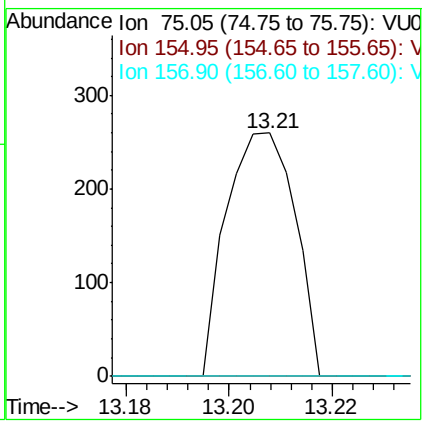


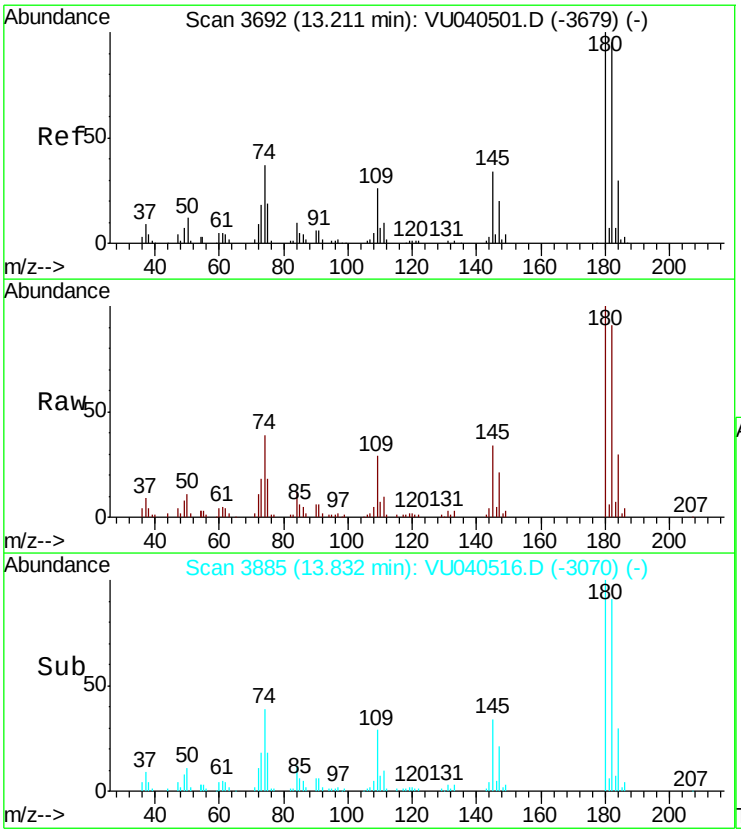
#66
1,2-Dibromo-3-chloropropane
Concen: 0.145 ug/L
RT: 13.21 min Scan# 3691
Delta R.T. 0.22 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion: 75 Resp: 239

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.4	89.2#
157	0.0	65.0	97.4#

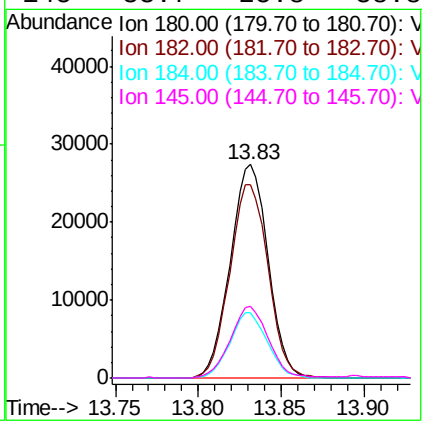


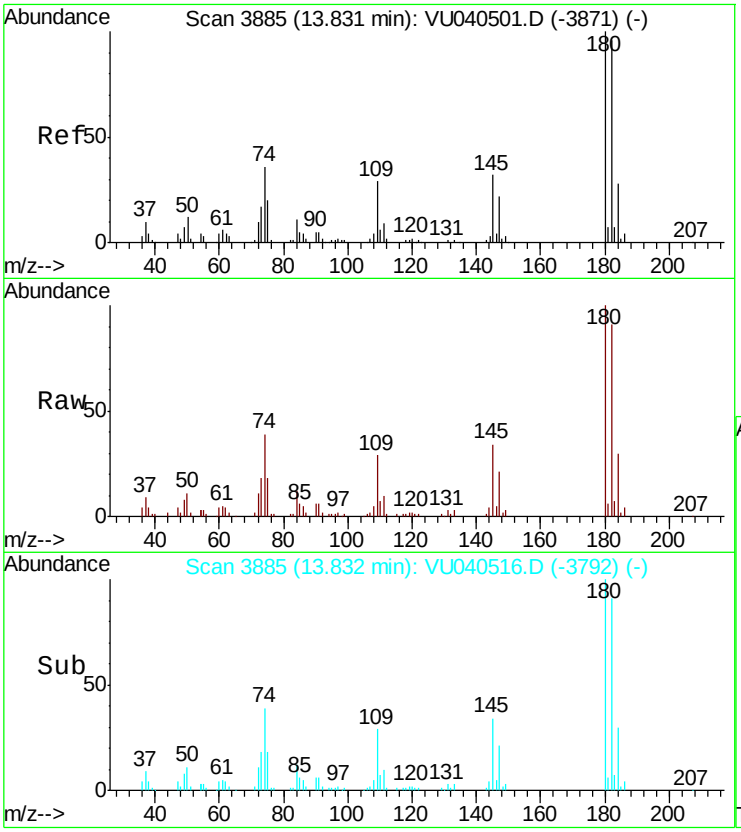


#67
1,3,5-Trichlorobenzene
Concen: 3.238 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.62 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion:180 Resp: 43438

Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.5	114.7
184	30.4	24.6	37.0
145	33.7	25.8	38.8



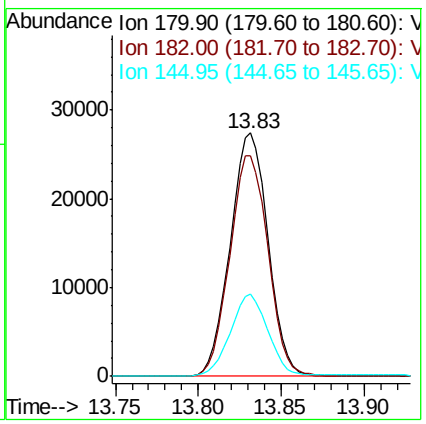


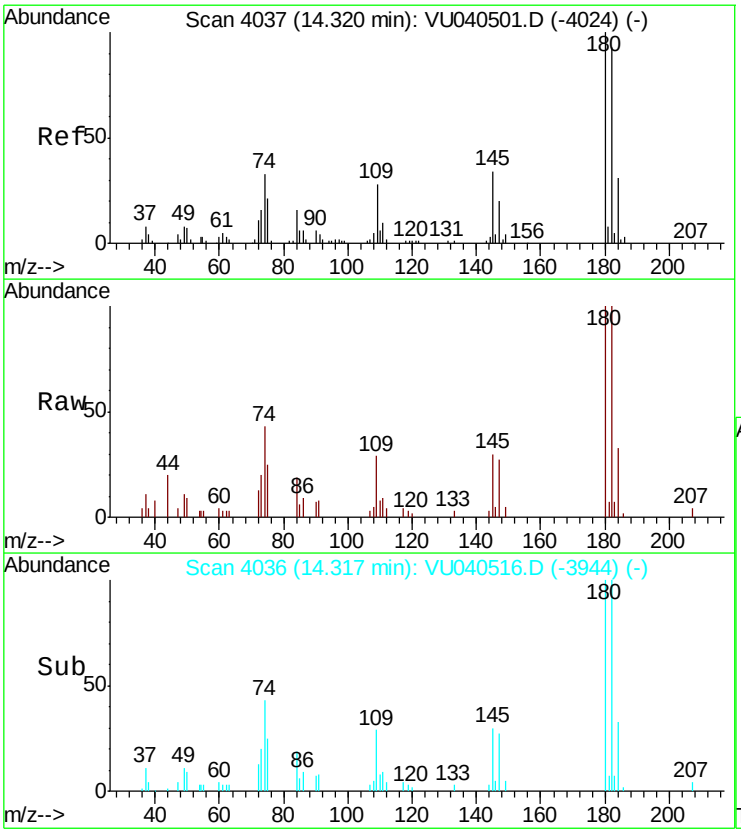
#68
1,2,4-trichlorobenzene
Concen: 4.029 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3S7DL

Tgt Ion:180 Resp: 43438

Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.6	115.0
145	33.7	26.3	39.5





#70
1,2,3-Trichlorobenzene
Concen: 0.659 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040516.D
Acq: 05 Oct 2020 17:51

Tgt Ion:180 Resp: 6505

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.6	115.0
145	37.8	27.8	41.6