Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040441.D
Acq On : 01 Oct 2020 23:47
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T1

Quant Time: Oct 02 05:29:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	153086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	143808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73208	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29026	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.92	69	28262	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.58	63	48700	2.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.40%#			
20) 2-Butanone-d5	4.66	46	205122	54.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.98%			
24) Chloroform-d	5.08	84	81811	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.72	65	50468	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.75	84	145119	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.70	67	53514	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.91	98	121368	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18913	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	148940	58.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.34%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51997	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	59004	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
3) Chloromethane	1.50	50	4656	0.309	ug/L #	42
8) Chloroethane	2.15	64	2946	0.336	ug/L #	52
14) Carbon disulfide	2.81	76	10630	0.288	ug/L	97
15) Methyl Acetate	3.10	43	9387602	1242.535	ug/L #	56
16) Methylene chloride	3.05	84	2671	0.182	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	2503	0.078	ug/L #	1
19) 1,1-Dichloroethane	3.73	63	57970	2.343	ug/L #	1
21) 2-Butanone	4.67	43	83402	16.563	ug/L #	51
30) Cyclohexane	5.40	56	31250	1.538	ug/L #	79
35) Methylcyclohexane	6.77	83	13183	0.702	ug/L	93
37) 1,2-Dichloropropane	6.70	63	6429	0.479	ug/L #	96
39) cis-1,3-Dichloropropene	7.57	75	1284	0.071	ug/L #	73
42) Toluene	7.97	91	13099	0.265	ug/L	95
44) trans-1,3-Dichloropropene	8.19	75	824	0.050	ug/L #	77
45) 1,1,2-Trichloroethane	8.37	97	5246	0.557	ug/L #	16
51) Chlorobenzene	9.45	112	5199	0.163	ug/L	98
52) Ethylbenzene	9.57	91	3692	0.069	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040441.D
Acq On : 01 Oct 2020 23:47
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T1

Quant Time: Oct 02 05:29:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-Xylene	9.69	106	4724	0.236	ug/L		88
54) o-Xylene	10.10	106	1793	0.095	ug/L		71
56) Isopropylbenzene	10.48	105	3880	0.076	ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	1772	0.070	ug/L		91
66) 1,2-Dibromo-3-chloropropan	12.96	75	1280	0.603	ug/L	#	10
67) 1,3,5-Trichlorobenzene	13.83	180	37674	2.177	ug/L	#	96
68) 1,2,4-trichlorobenzene	13.83	180	37674	2.710	ug/L		96
69) Naphthalene	14.08	128	7458	0.314	ug/L	#	87
70) 1,2,3-Trichlorobenzene	14.32	180	8630	0.678	ug/L	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040441.D
Acq On : 01 Oct 2020 23:47
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Sample : L4240-12
Misc : 25.0mL/MSVOA_U/WATER
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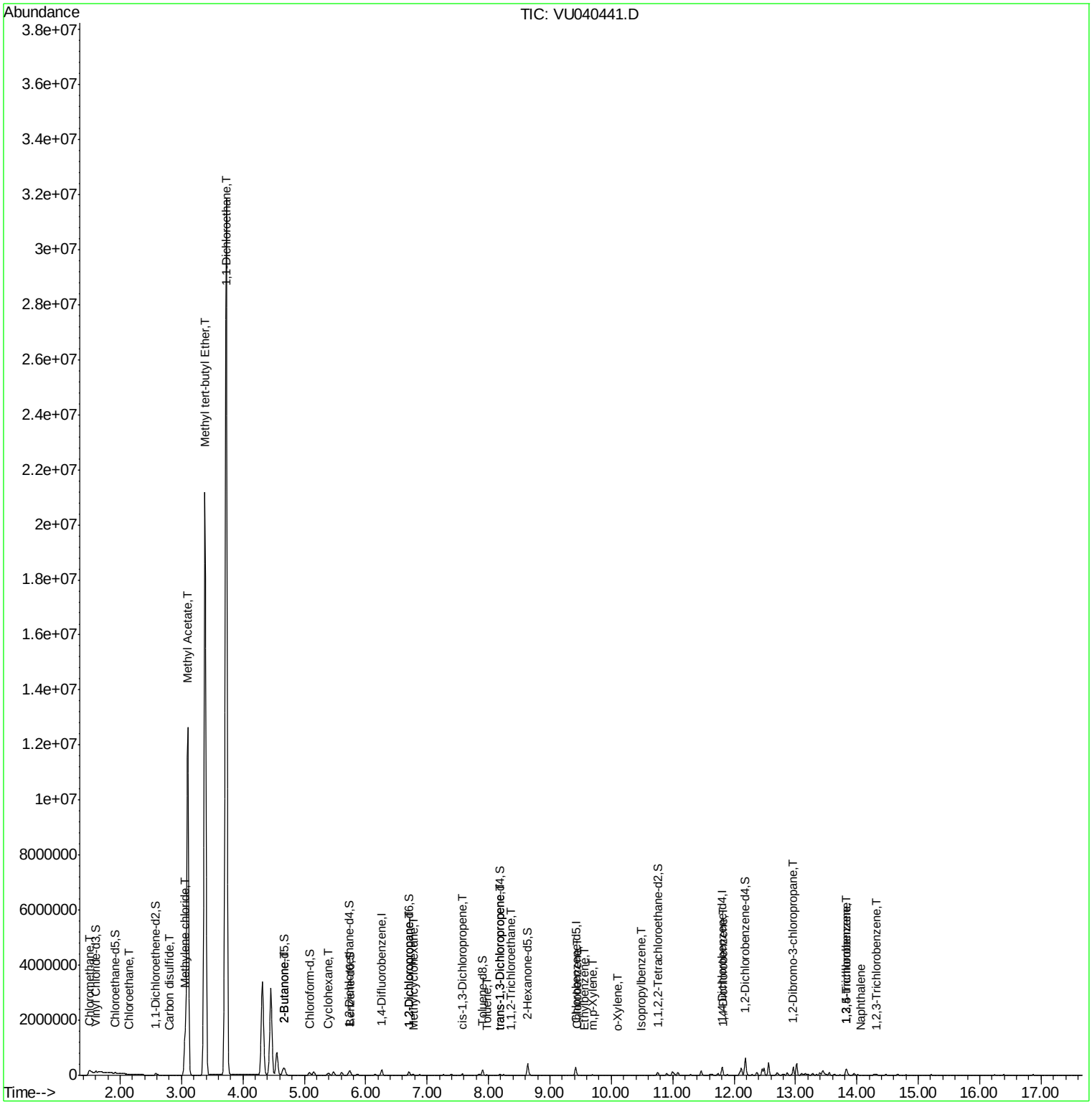
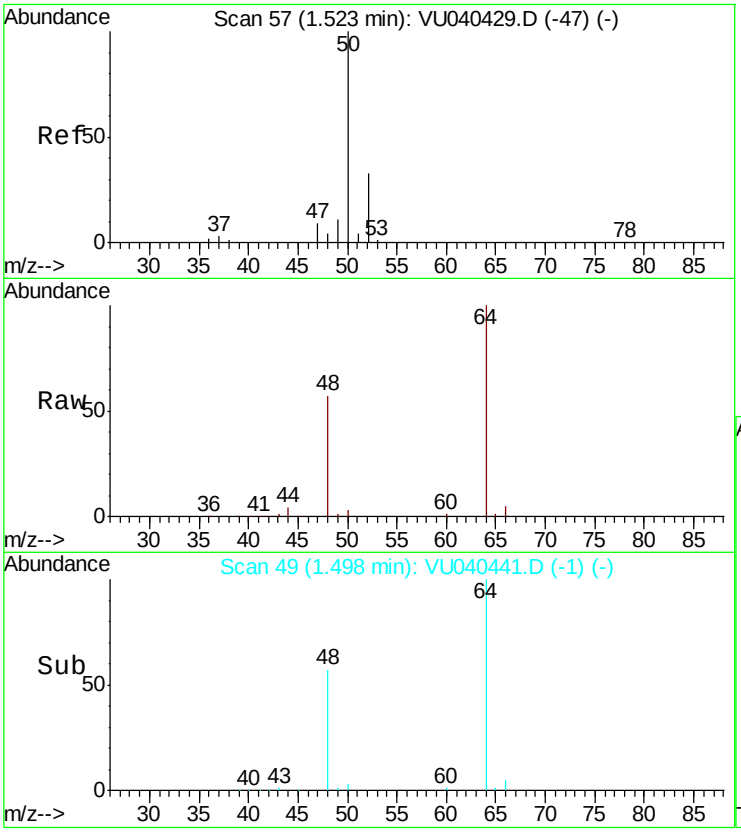


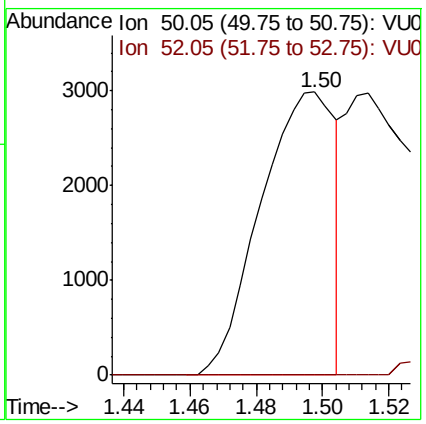


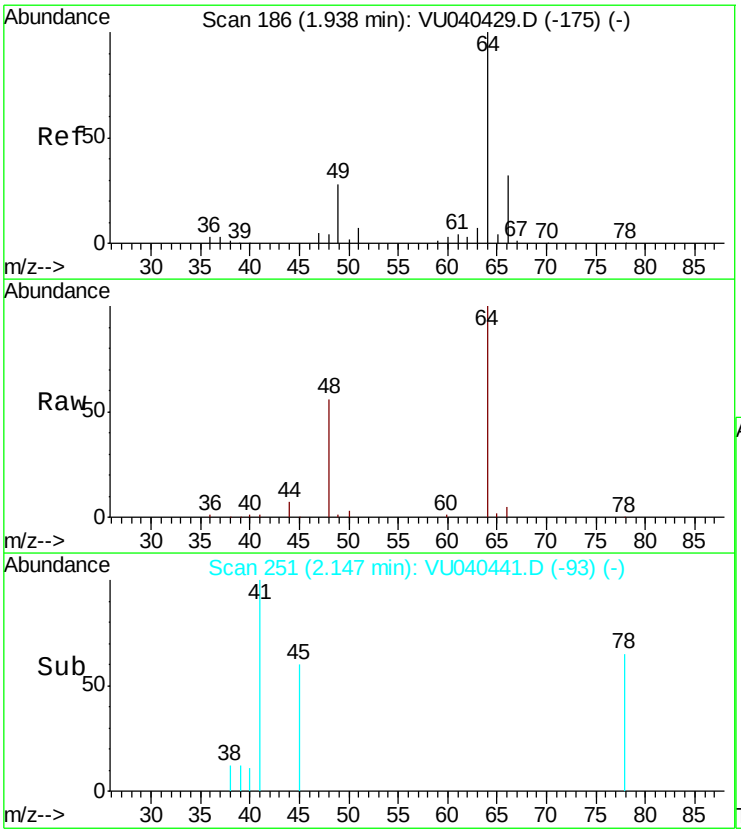
#3
Chloromethane
Concen: 0.309 ug/L
RT: 1.50 min Scan# 49
Delta R.T. -0.03 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 50 Resp: 4656

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.6#

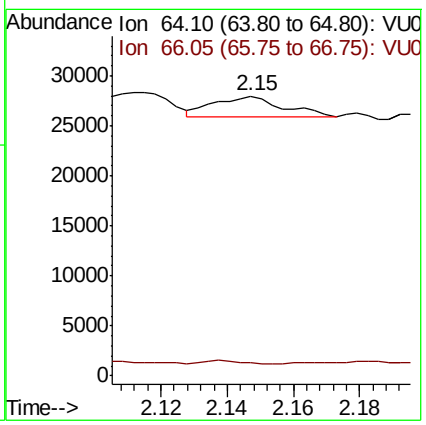


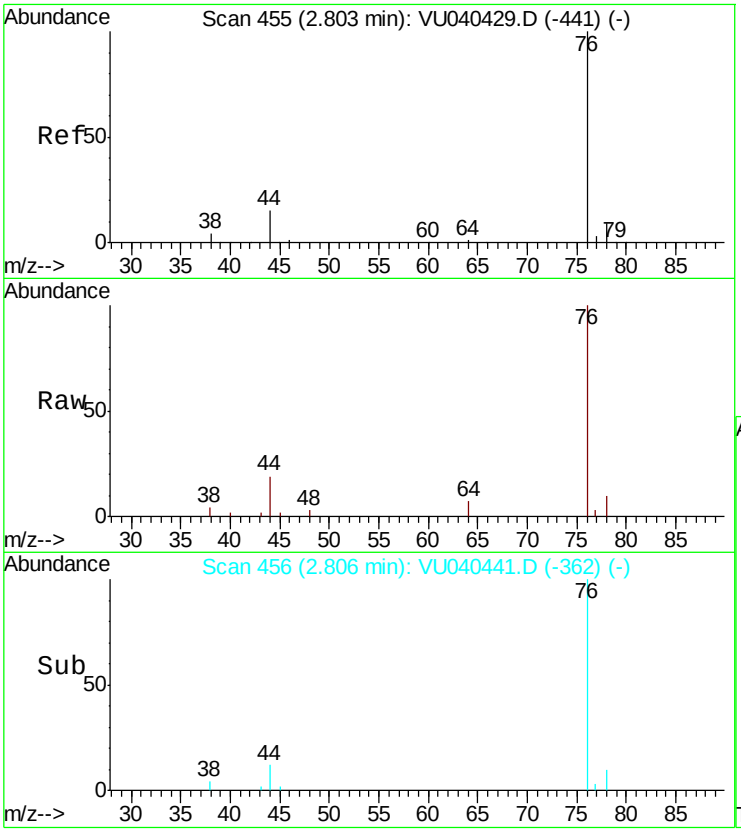


#8
Chloroethane
Concen: 0.336 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.21 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 64 Resp: 2946

Ion	Ratio	Lower	Upper
64	100		
66	4.5	21.3	39.6#



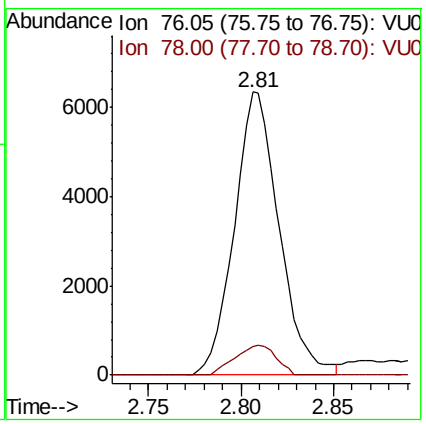


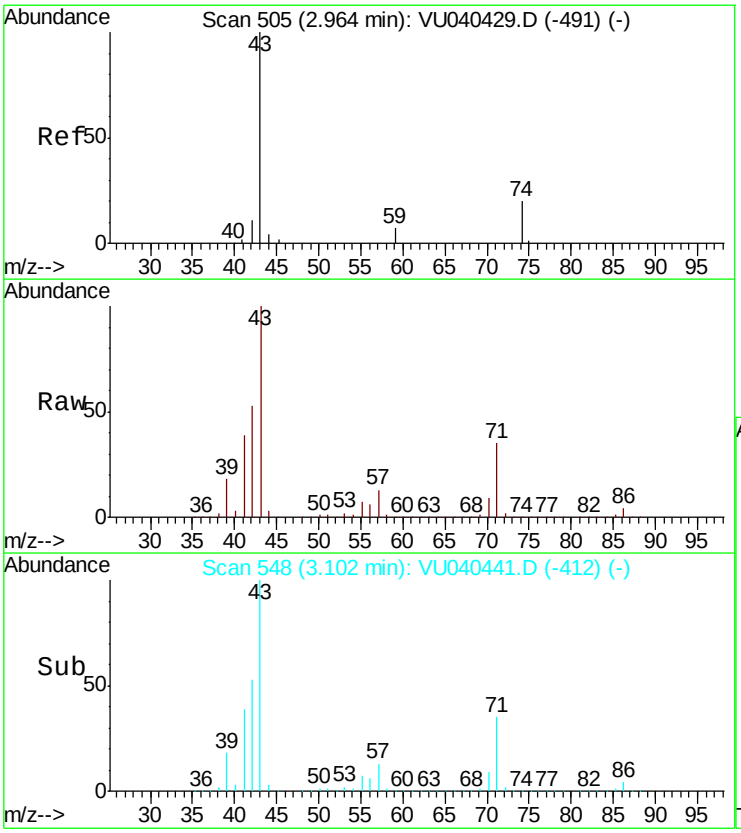
#14
Carbon disulfide
Concen: 0.288 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 76 Resp: 10630

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.2	10.8

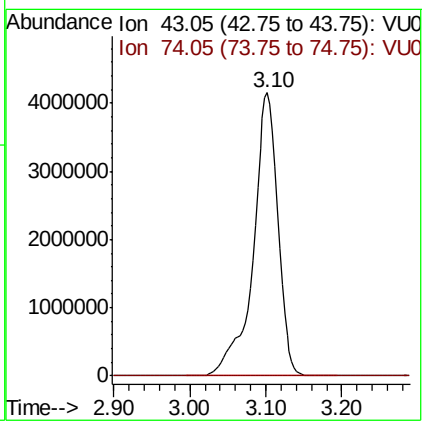


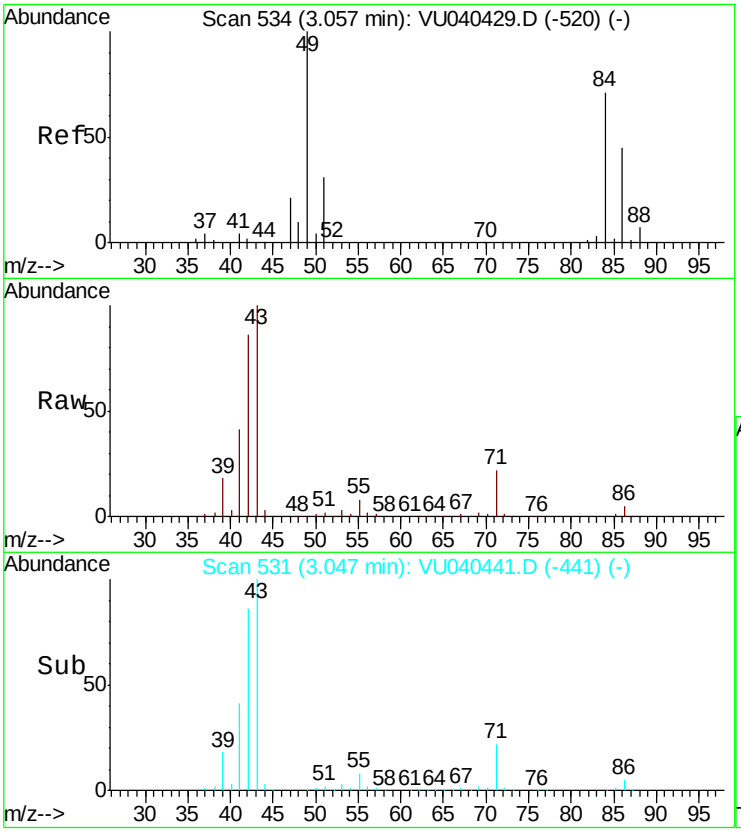


#15
Methyl Acetate
Concen: 1242.535 ug/L
RT: 3.10 min Scan# 548
Delta R.T. 0.14 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 43 Resp: 9387602

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



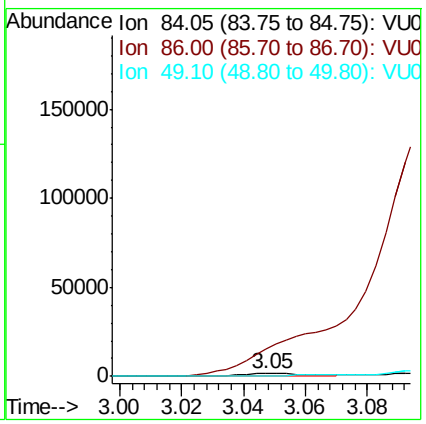


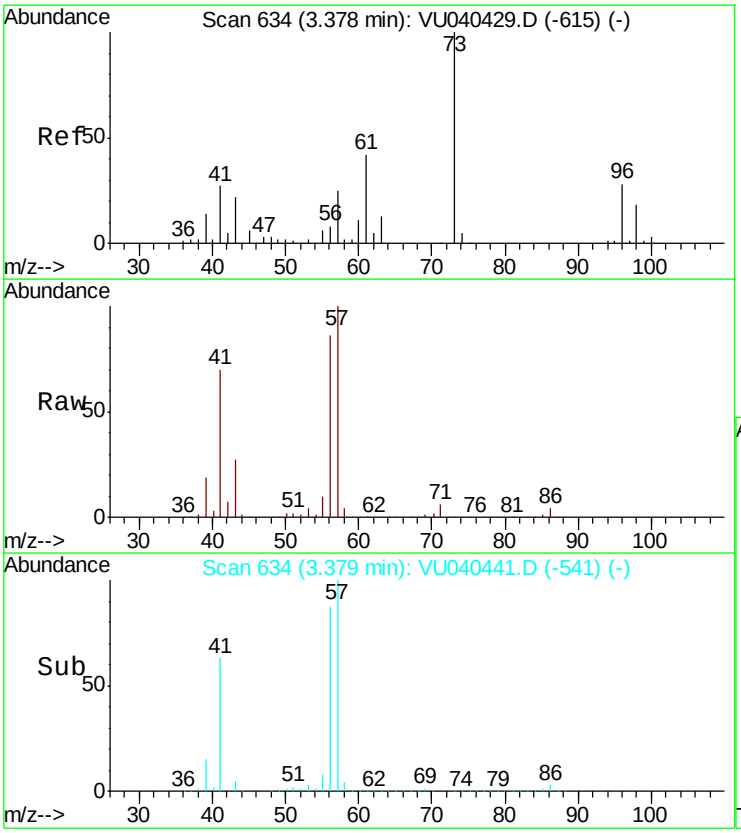
#16
Methylene chloride
Concen: 0.182 ug/L
RT: 3.05 min Scan# 531
Delta R.T. -0.01 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 84 Resp: 2671

Ion	Ratio	Lower	Upper
84	100		
86	1080.5	44.4	82.5#
49	25.4	92.2	171.2#

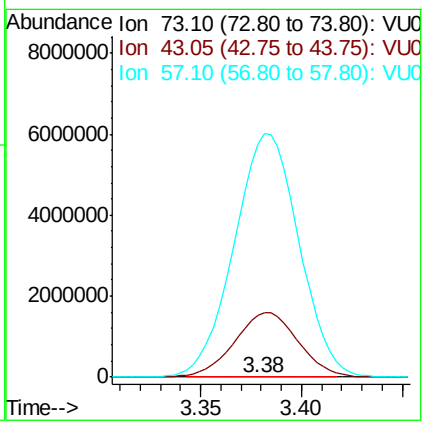


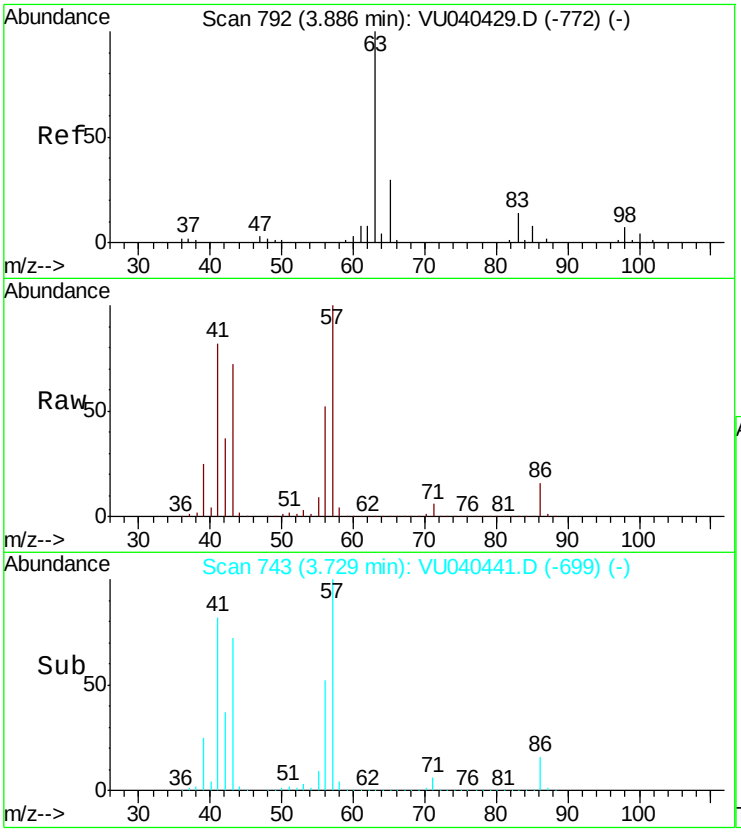


#17
Methyl tert-butyl Ether
Concen: 0.078 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 73 Resp: 2503

Ion	Ratio	Lower	Upper
73	100		
43	140356.0	19.0	28.4#
57	538921.8	18.9	28.3#



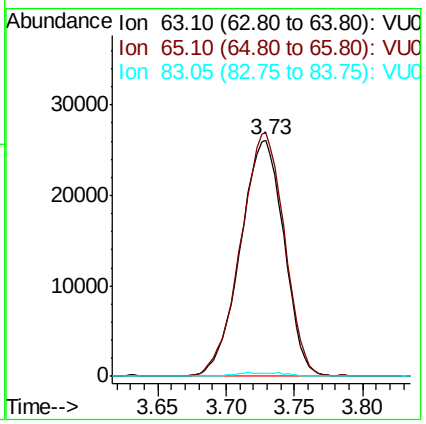


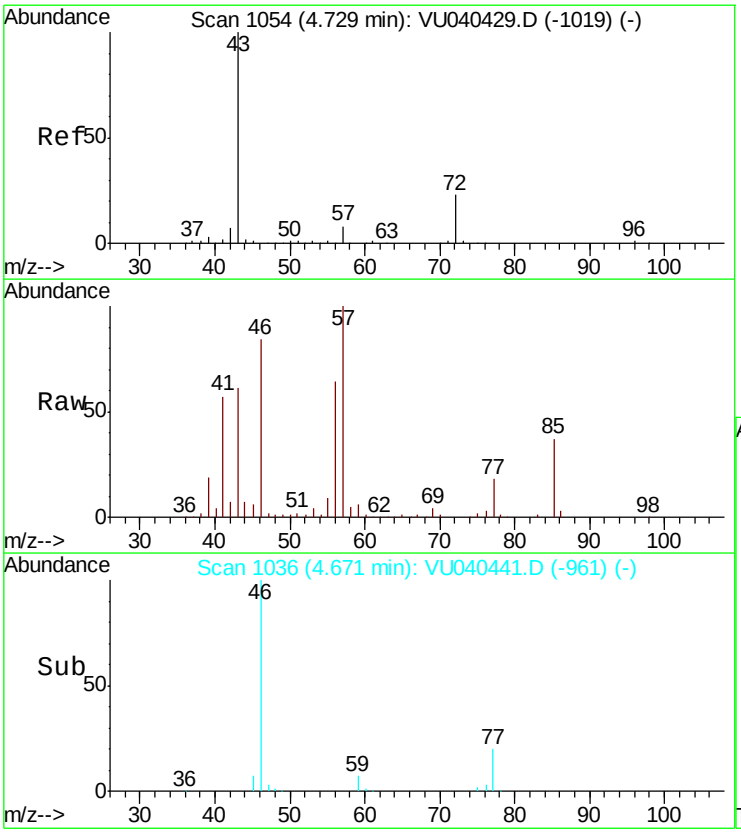
#19
1,1-Dichloroethane
Concen: 2.343 ug/L
RT: 3.73 min Scan# 743
Delta R.T. -0.16 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 63 Resp: 57970

Ion	Ratio	Lower	Upper
63	100		
65	103.1	21.7	40.3#
83	1.3	9.1	16.9#

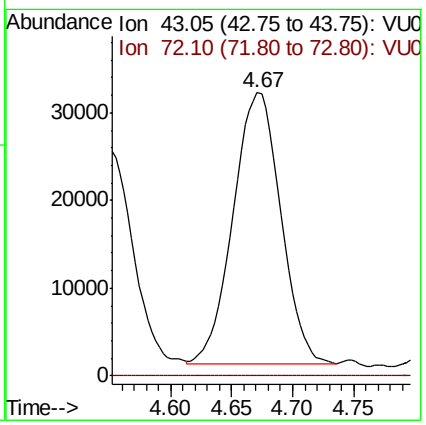


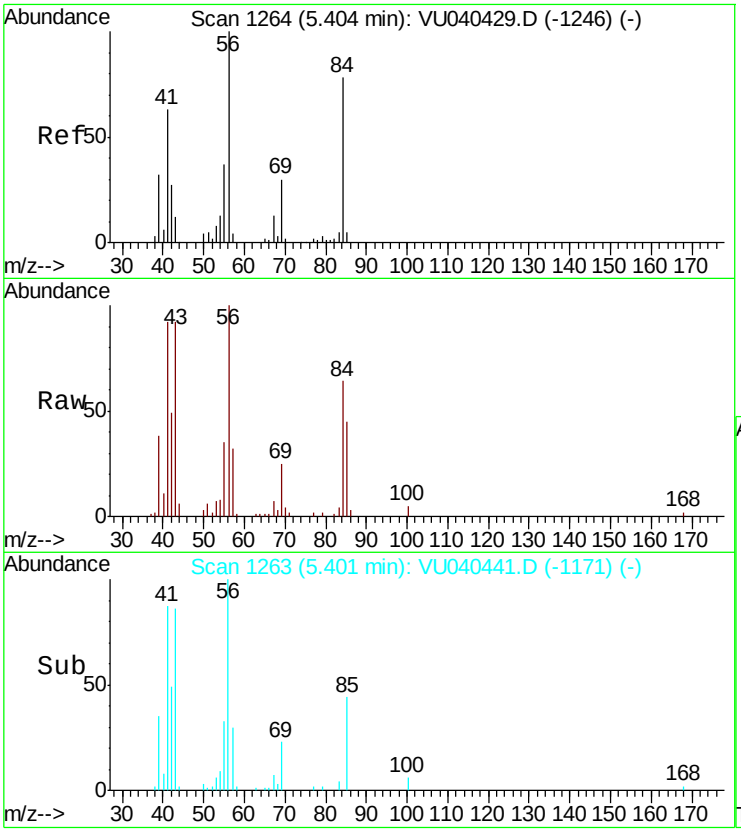


#21
2-Butanone
Concen: 16.563 ug/L
RT: 4.67 min Scan# 1036
Delta R.T. -0.06 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 43 Resp: 83402

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.0	36.1#



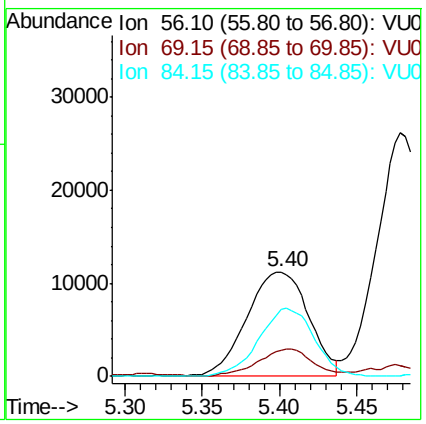


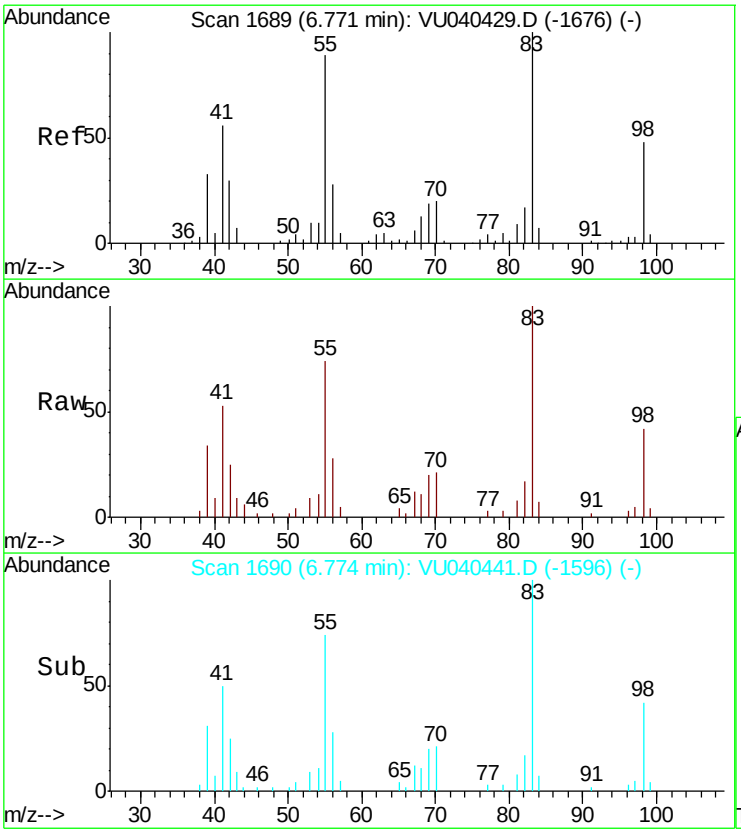
#30
Cyclohexane
Concen: 1.538 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 56 Resp: 31250

Ion	Ratio	Lower	Upper
56	100		
69	23.1	23.3	34.9#
84	58.2	64.2	96.4#

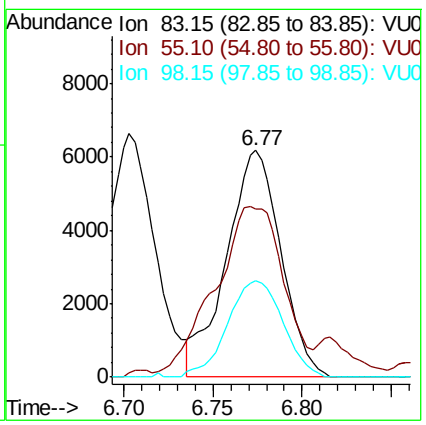


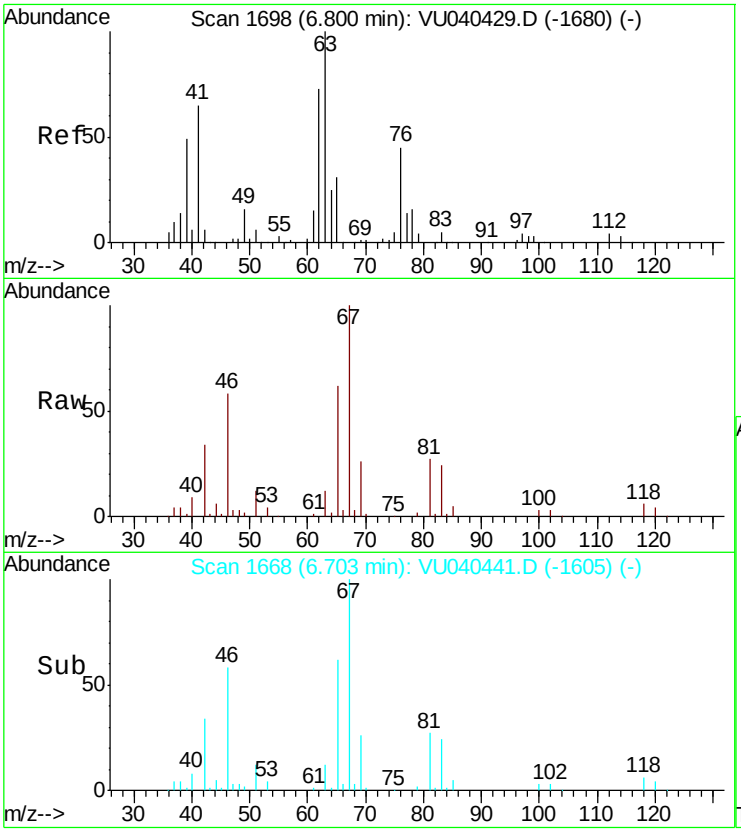


#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 83 Resp: 13183

Ion	Ratio	Lower	Upper
83	100		
55	95.6	71.4	107.2
98	43.2	38.5	57.7



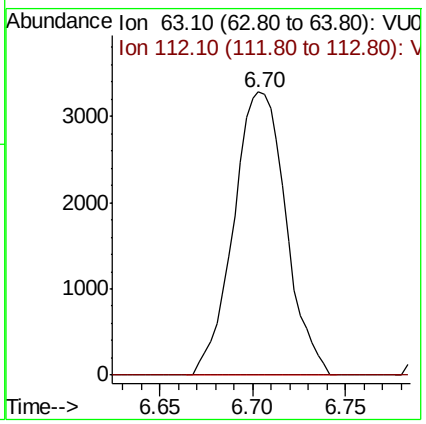


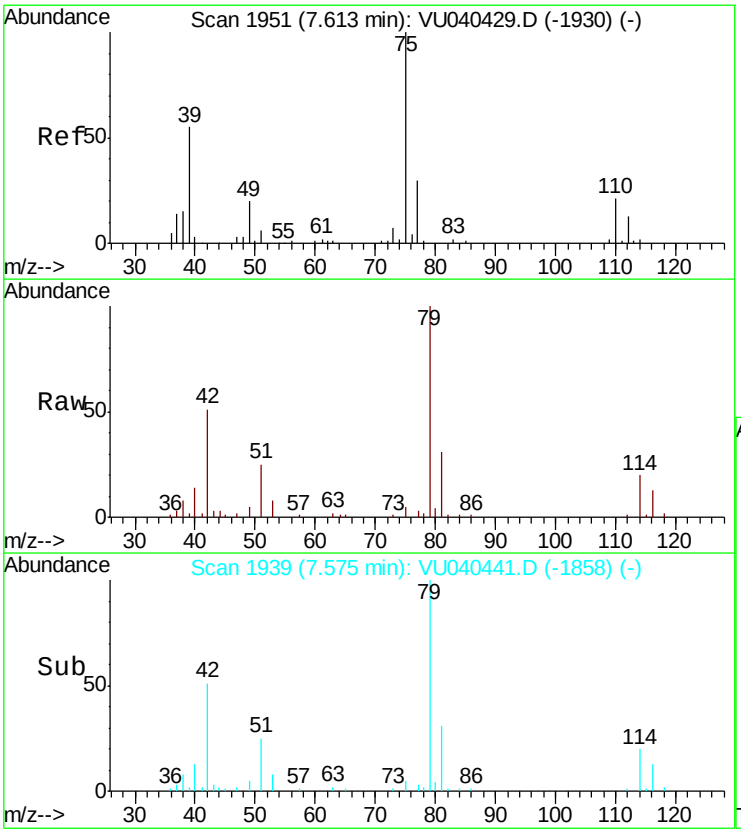
#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 63 Resp: 6429

Ion	Ratio	Lower	Upper
63	100		
112	5.2	3.2	4.8#

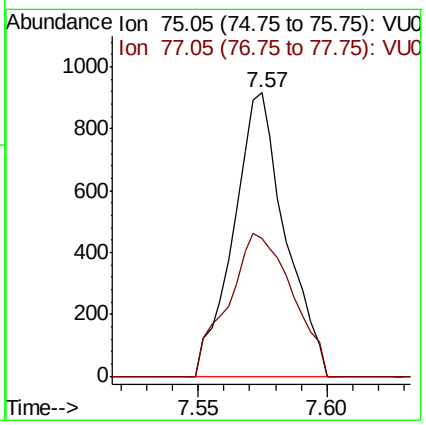


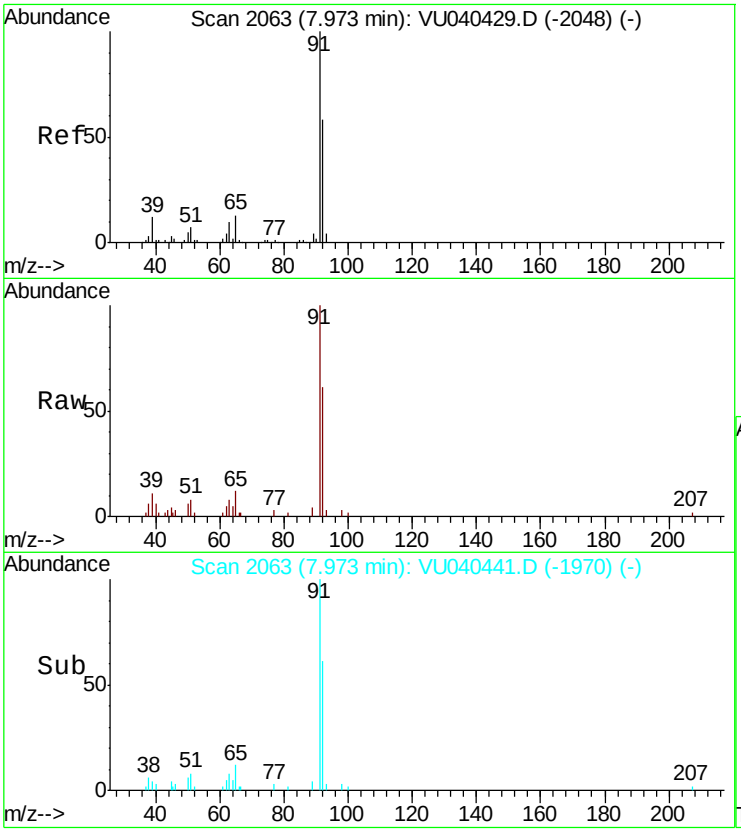


#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 75 Resp: 1284

Ion	Ratio	Lower	Upper
75	100		
77	48.8	23.5	43.7#



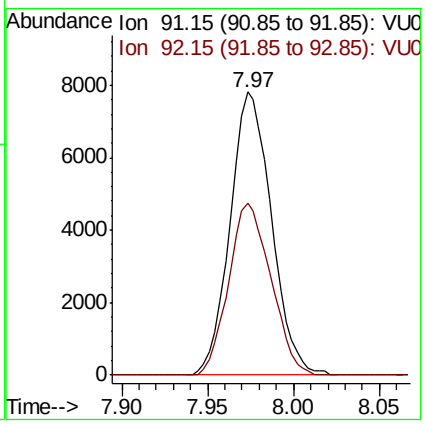


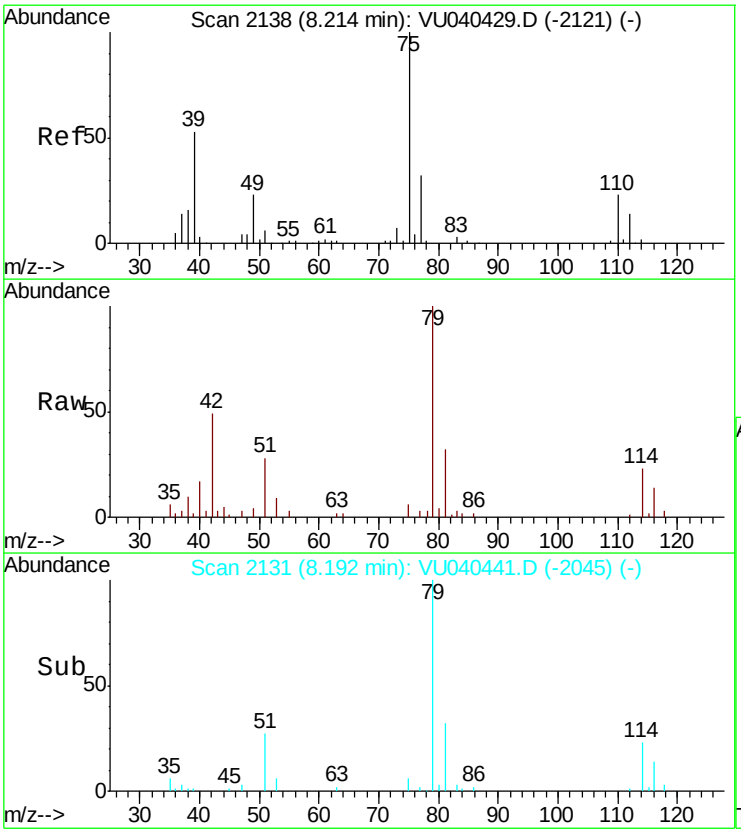
#42
Toluene
Concen: 0.265 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 91 Resp: 13099

Ion	Ratio	Lower	Upper
91	100		
92	61.0	40.0	74.4

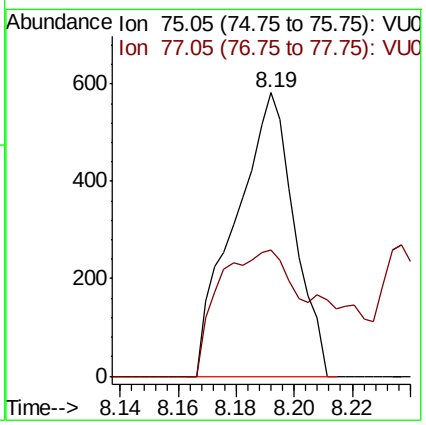


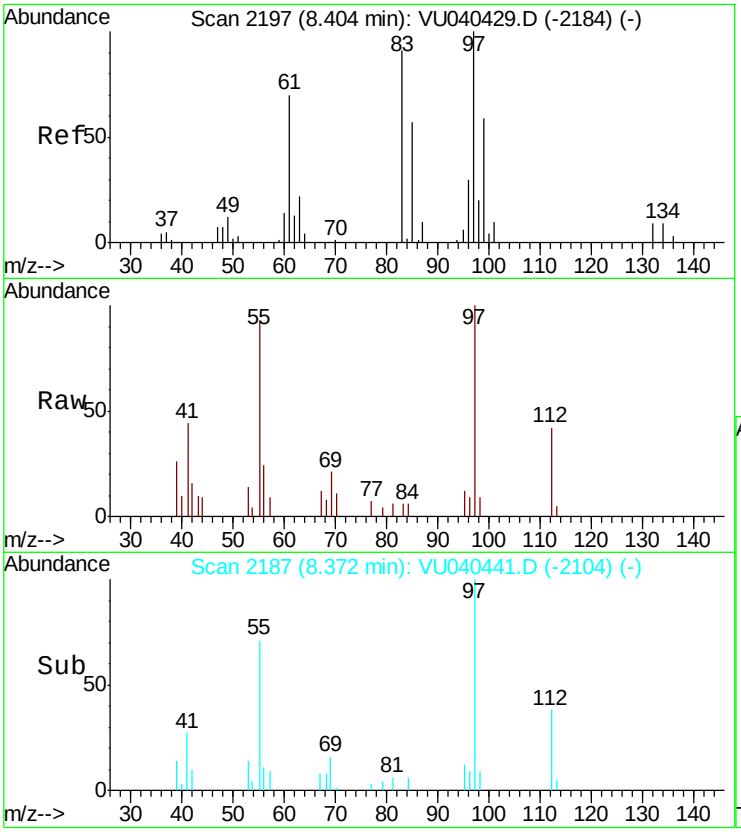


#44
trans-1,3-Dichloropropene
Concen: 0.050 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 75 Resp: 824

Ion	Ratio	Lower	Upper
75	100		
77	44.3	22.3	41.3#



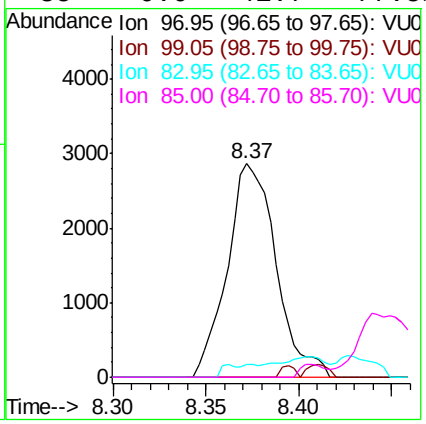


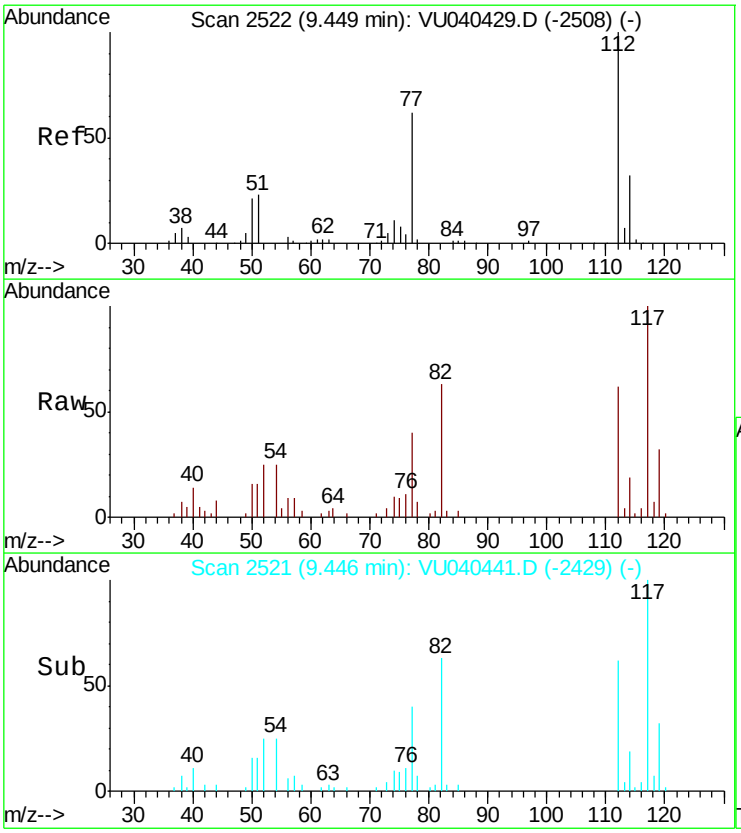
#45
1,1,2-Trichloroethane
Concen: 0.557 ug/L
RT: 8.37 min Scan# 2187
Delta R.T. -0.03 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 97 Resp: 5246

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.0#
83	5.7	62.9	116.9#
85	0.0	41.7	77.5#

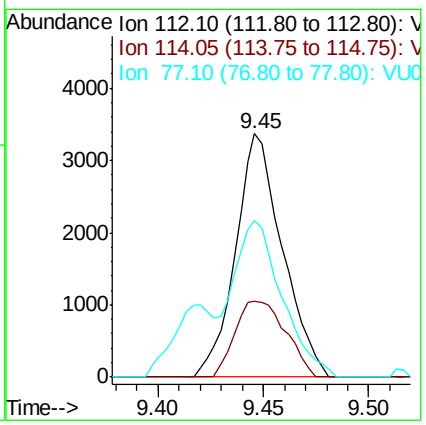


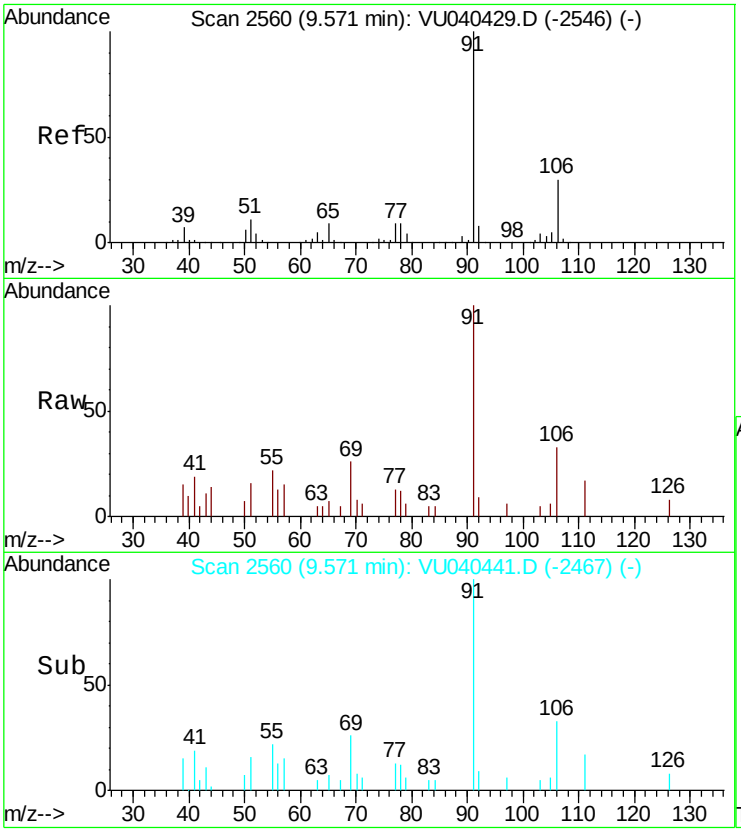


#51
Chlorobenzene
Concen: 0.163 ug/L
RT: 9.45 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:112 Resp: 5199

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	40.8
77	64.3	49.5	74.3



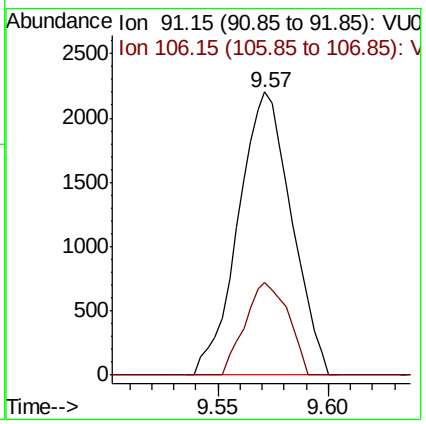


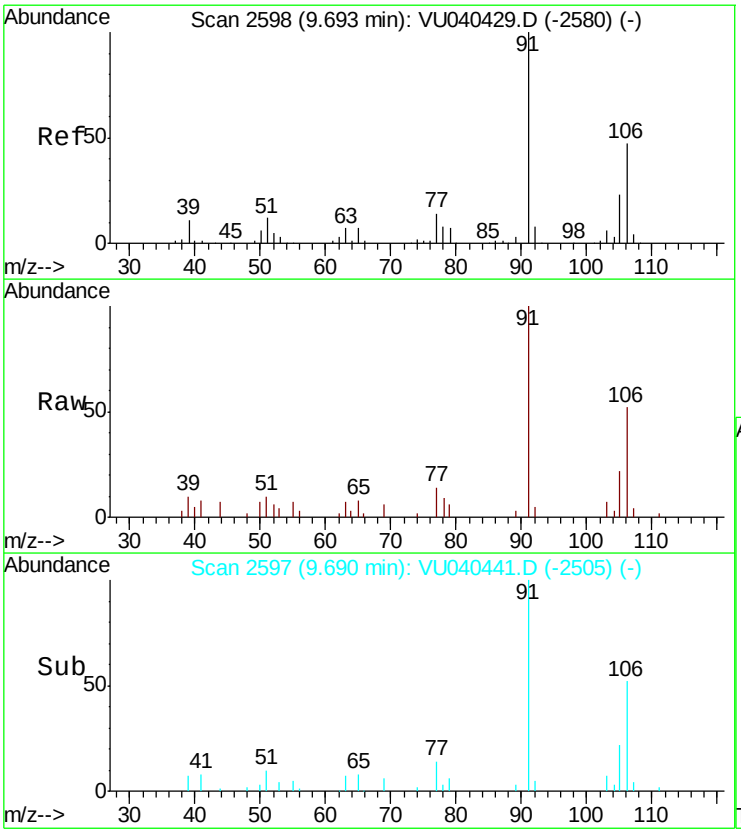
#52
Ethylbenzene
Concen: 0.069 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 91 Resp: 3692

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.1	39.3

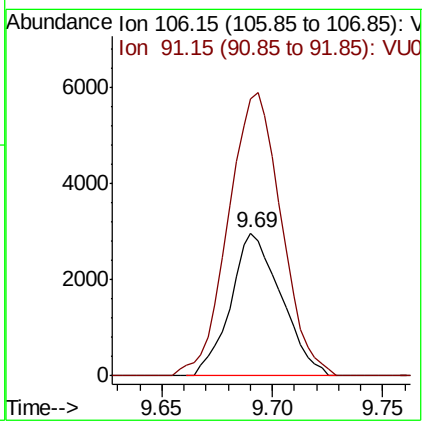


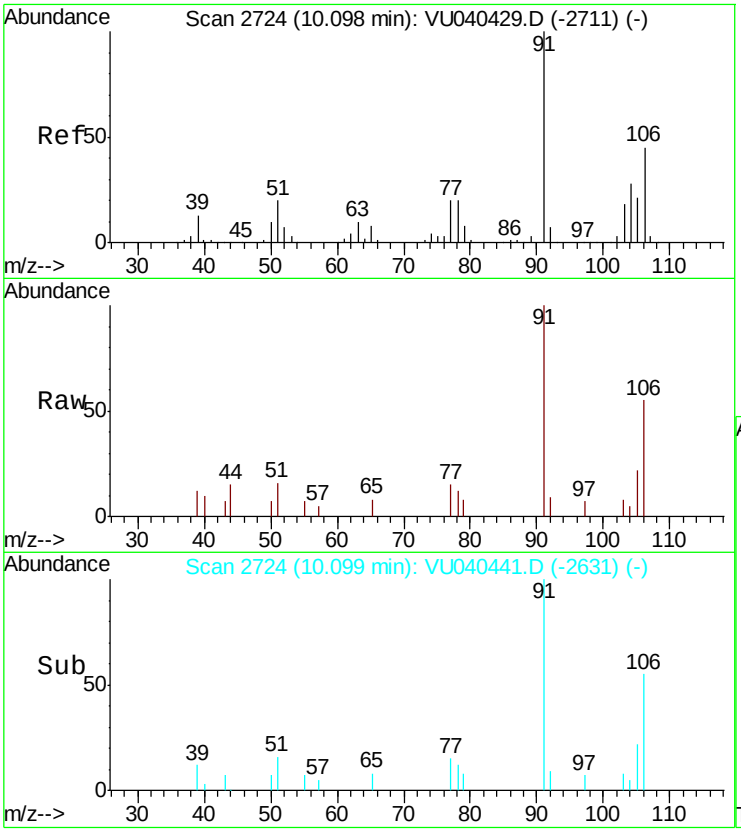


#53
m,p-Xylene
Concen: 0.236 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:106 Resp: 4724

Ion	Ratio	Lower	Upper
106	100		
91	193.5	149.0	276.6



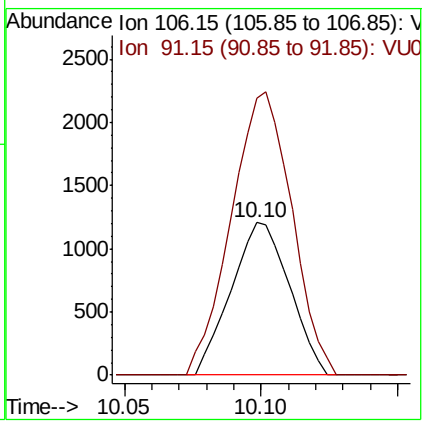


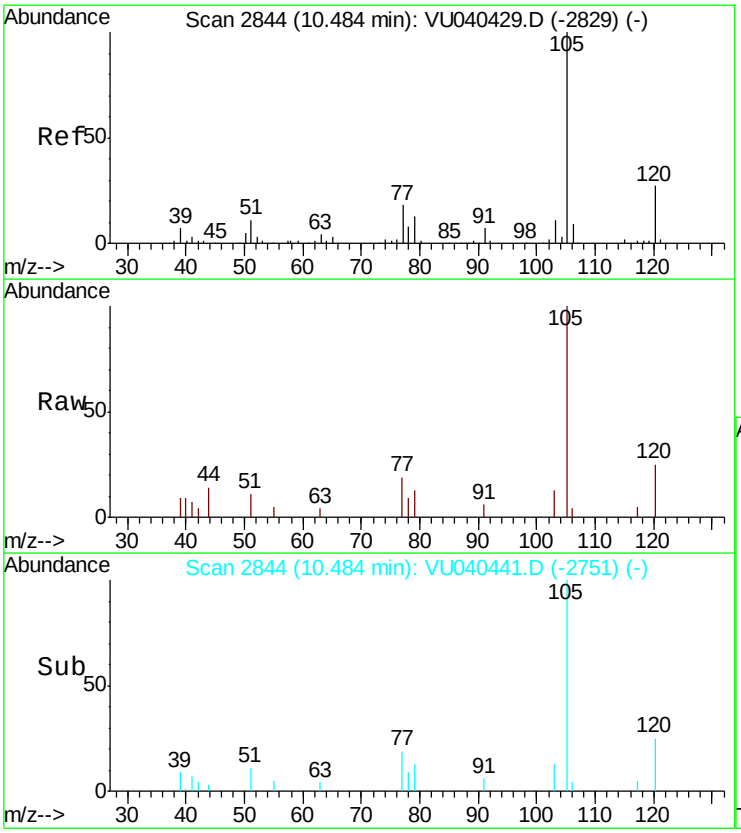
#54
o-Xylene
Concen: 0.095 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:106 Resp: 1793

Ion	Ratio	Lower	Upper
106	100		
91	181.5	160.9	298.9

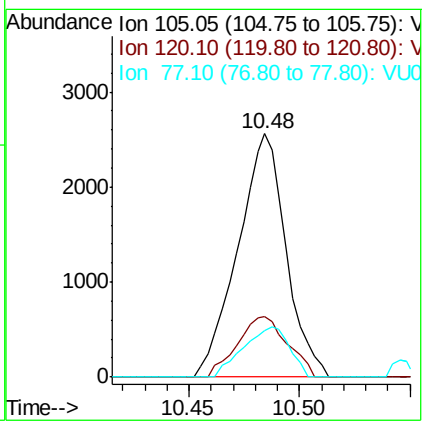


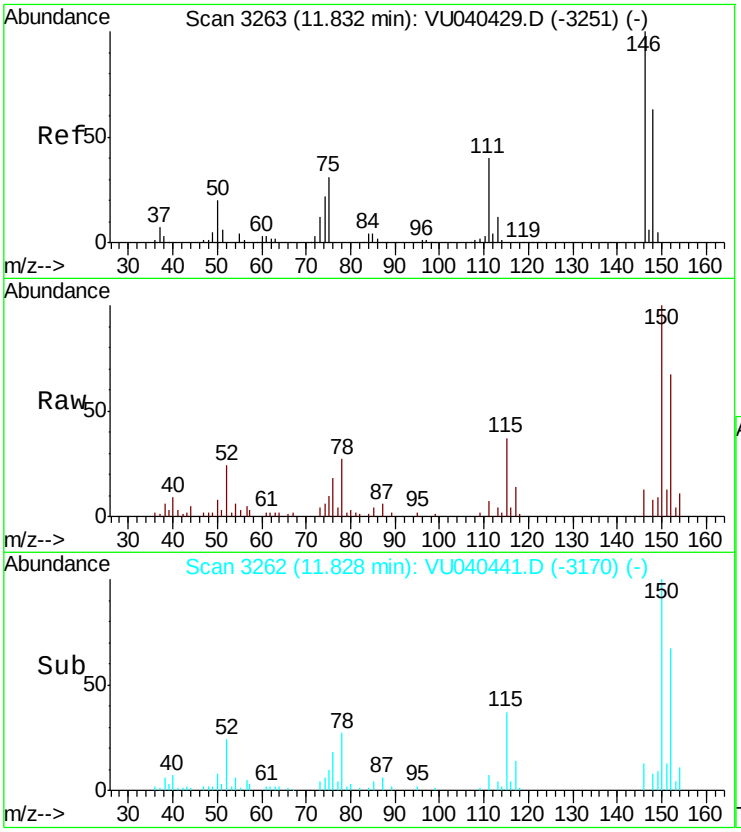


#56
Isopropylbenzene
Concen: 0.076 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:105 Resp: 3880

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.6	30.8
77	19.7	14.3	21.5



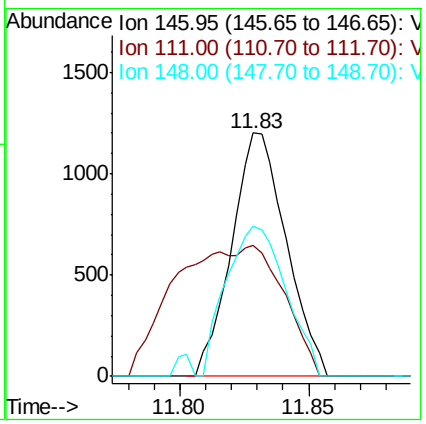


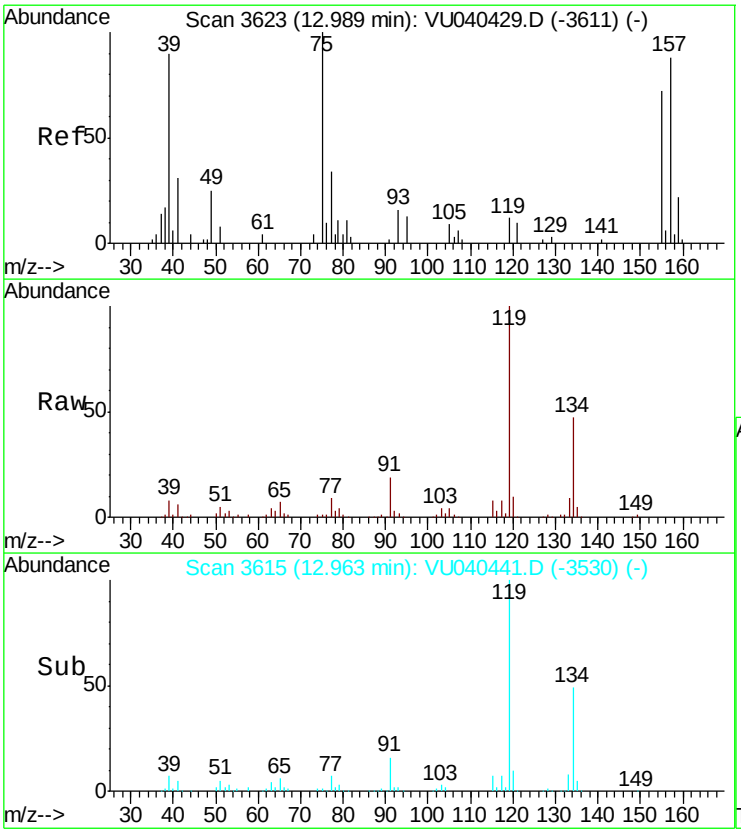
#63
1,4-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:146 Resp: 1772

Ion	Ratio	Lower	Upper
146	100		
111	53.8	29.2	54.2
148	61.9	44.4	82.4

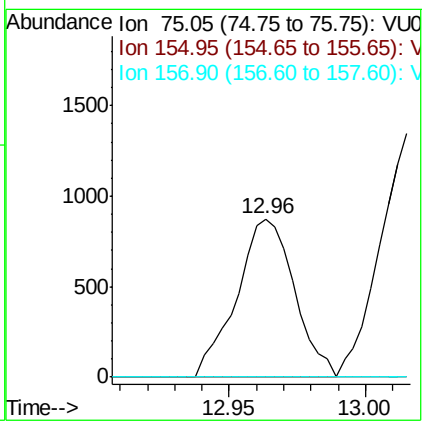


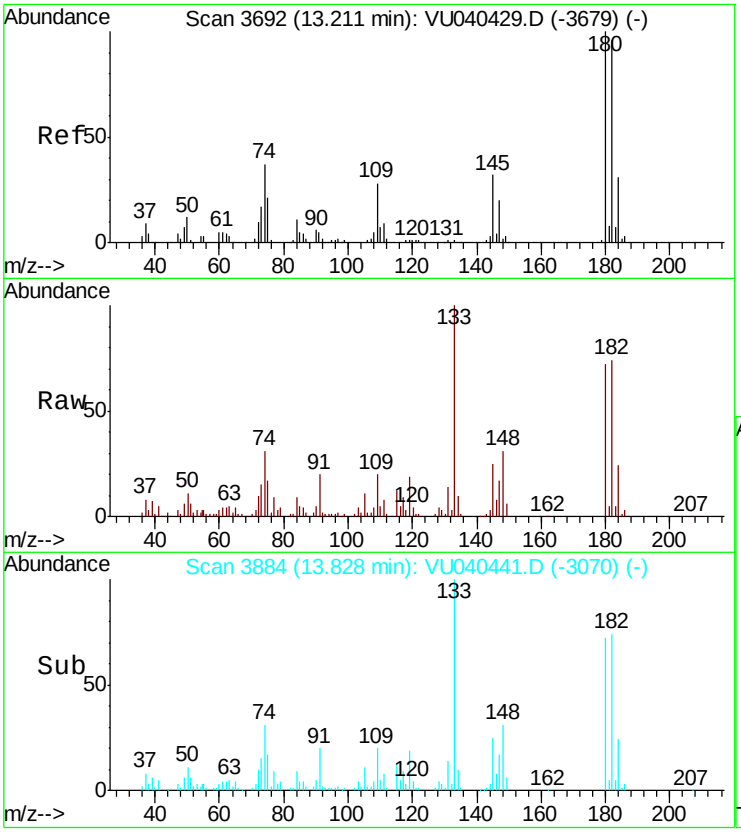


#66
1,2-Dibromo-3-chloropropane
Concen: 0.603 ug/L
RT: 12.96 min Scan# 3615
Delta R.T. -0.03 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 75 Resp: 1280

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



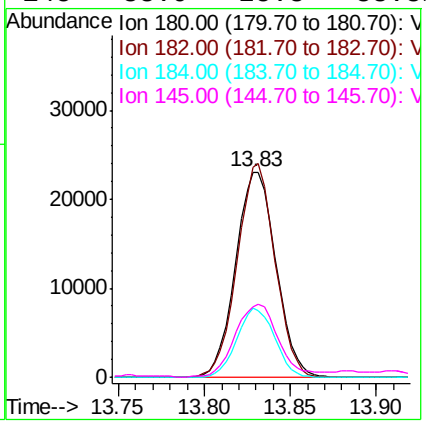


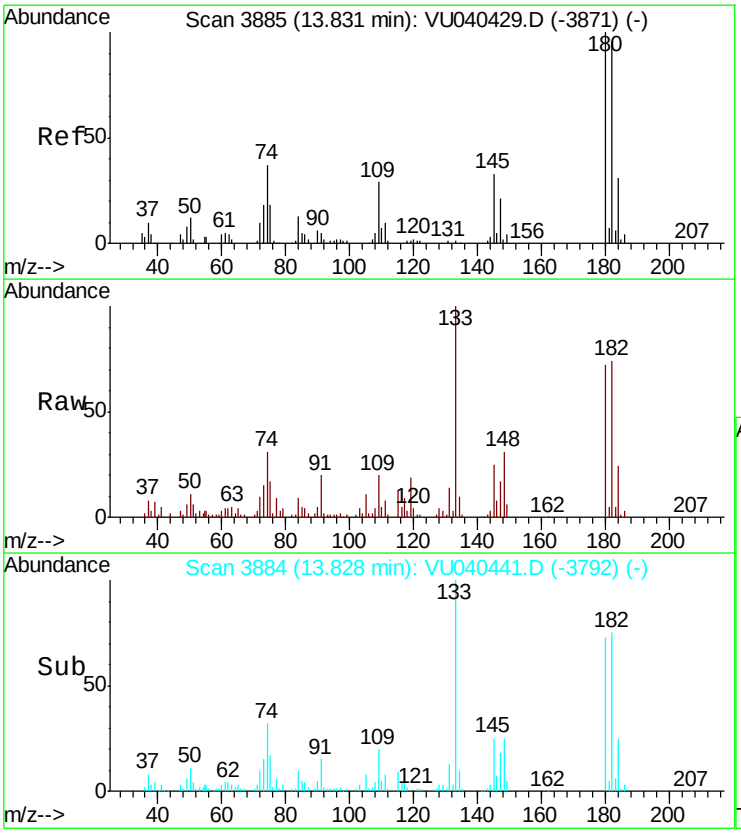
#67
1,3,5-Trichlorobenzene
Concen: 2.177 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. 0.62 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:180 Resp: 37674

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.5	114.7
184	31.4	24.6	37.0
145	38.9	25.8	38.8#

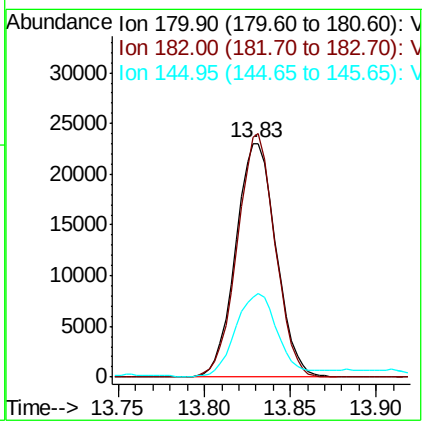


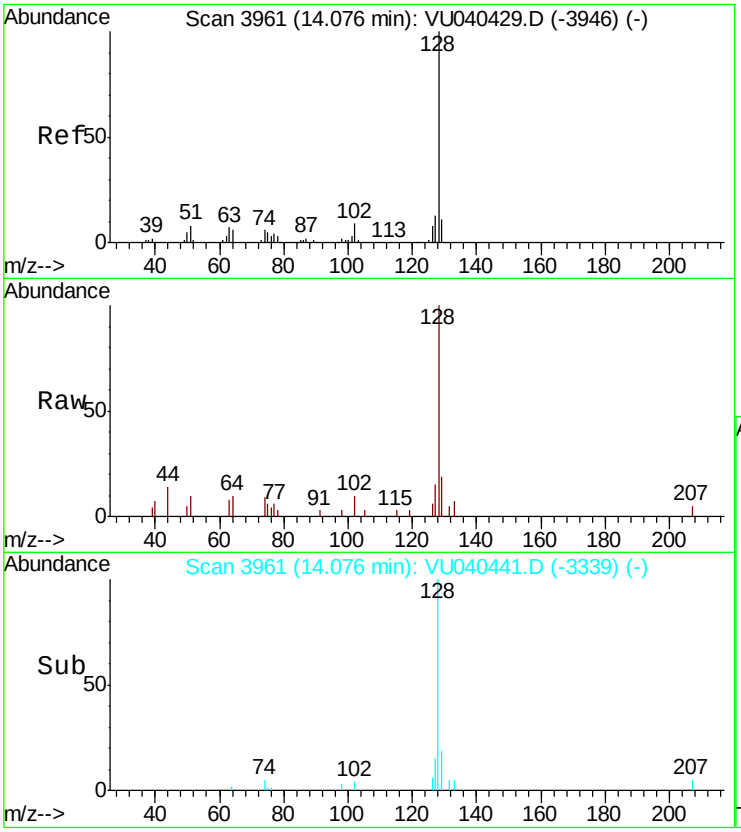


#68
1,2,4-trichlorobenzene
Concen: 2.710 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:180 Resp: 37674

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.6	115.0
145	38.9	26.3	39.5



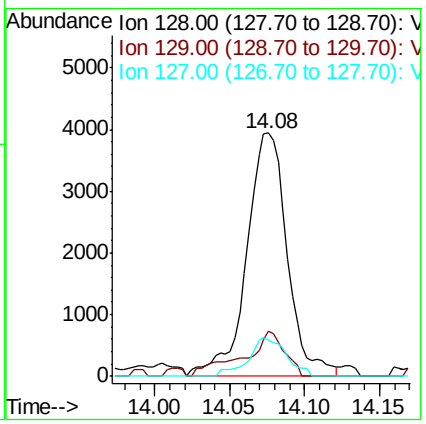


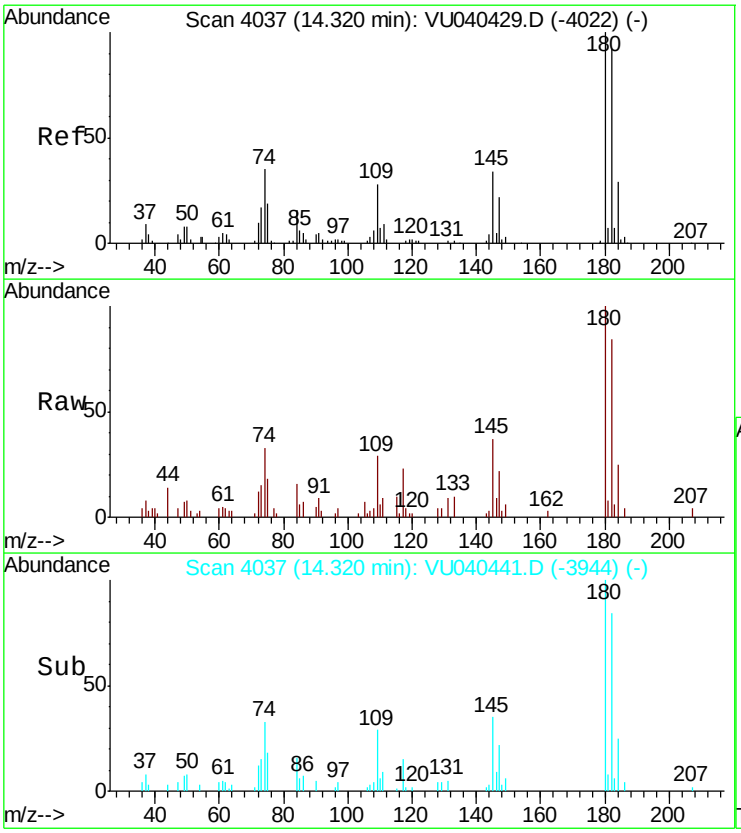
#69
Naphthalene
Concen: 0.314 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:128 Resp: 7458

Ion	Ratio	Lower	Upper
128	100		
129	18.9	8.2	12.4#
127	14.9	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 0.678 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:180 Resp: 8630

Ion	Ratio	Lower	Upper
180	100		
182	90.2	76.6	115.0
145	48.0	27.8	41.6#