Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T4

Quant Time: Oct 02 05:30:03 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	143421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67495	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24762	3.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.80%			
7) Chloroethane-d5	1.92	69	26716	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.58	63	45363	2.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.20%#			
20) 2-Butanone-d5	4.66	46	193231	54.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.58%			
24) Chloroform-d	5.08	84	76645	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.72	65	48765	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.75	84	134705	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.70	67	49751	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.91	98	108446	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.19	79	19248	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.64	63	132655	54.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48187	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53169	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	946	0.067	ug/L #	42
8) Chloroethane	1.95	64	318	0.039	ug/L #	54
13) Acetone	2.67	43	2866	0.975	ug/L	77
14) Carbon disulfide	2.81	76	2688	0.078	ug/L	96
15) Methyl Acetate	3.10	43	20596	2.910	ug/L #	56
25) Chloroform	5.11	83	1572	0.066	ug/L	92
35) Methylcyclohexane	6.70	83	11208	0.618	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	5603	0.432	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1372	0.079	ug/L #	70
42) Toluene	7.98	91	3654	0.076	ug/L	89
44) trans-1,3-Dichloropropene	8.18	75	732	0.046	ug/L #	56
45) 1,1,2-Trichloroethane	8.40	97	572	0.063	ug/L	94
51) Chlorobenzene	9.45	112	4949	0.160	ug/L	94
53) m,p-Xylene	9.69	106	2017	0.104	ug/L	73
56) Isopropylbenzene	10.48	105	1943	0.040	ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	9718	1.033	ug/L	92
67) 1,3,5-Trichlorobenzene	13.83	180	7970	0.500	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T4

Quant Time: Oct 02 05:30:03 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)
68) 1,2,4-trichlorobenzene	13.83	180	7970	0.622 ug/L	99
69) Naphthalene	14.07	128	5598	0.256 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	2643	0.225 ug/L	94

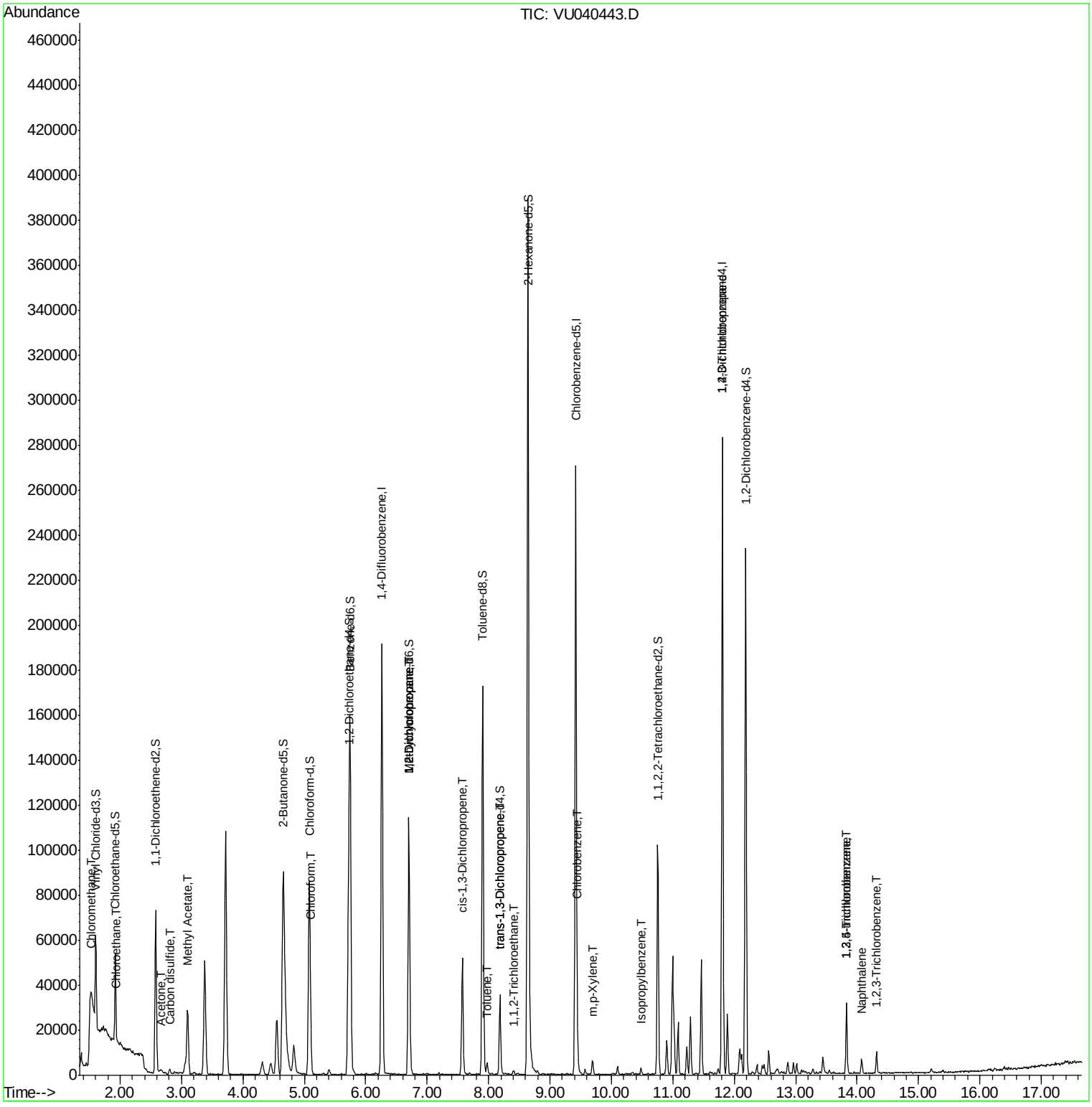
(#) = qualifier out of range (m) = manual integration (+) = signals summed

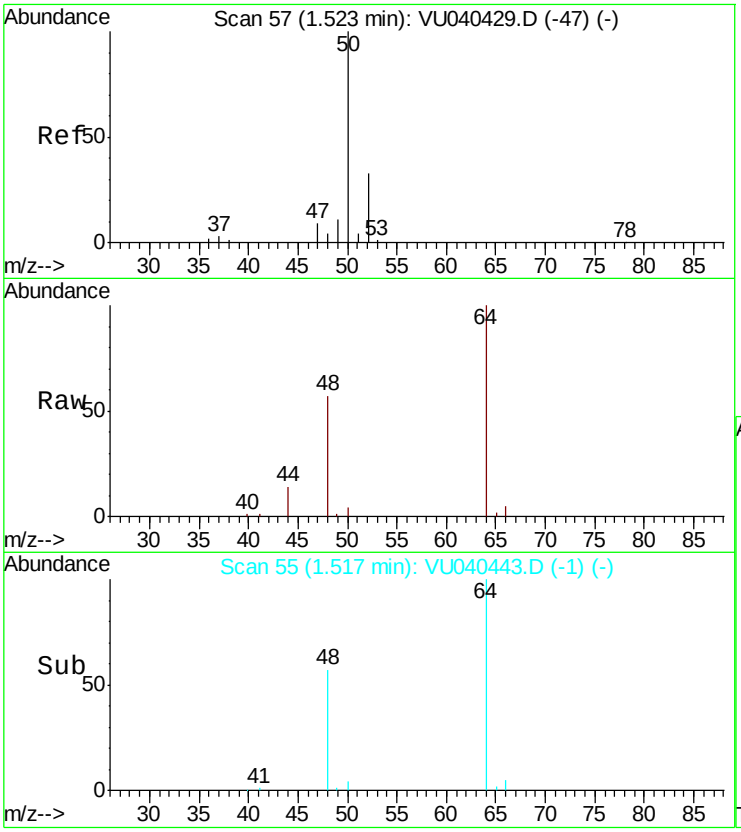
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Quant Time: Oct 02 05:30:03 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



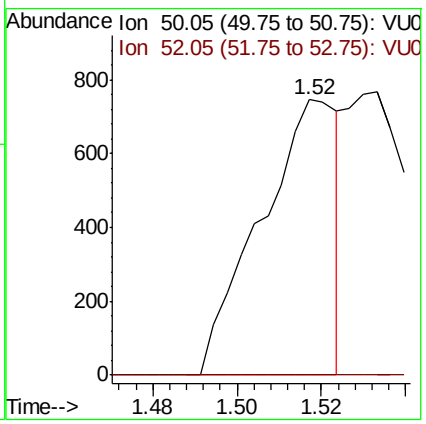


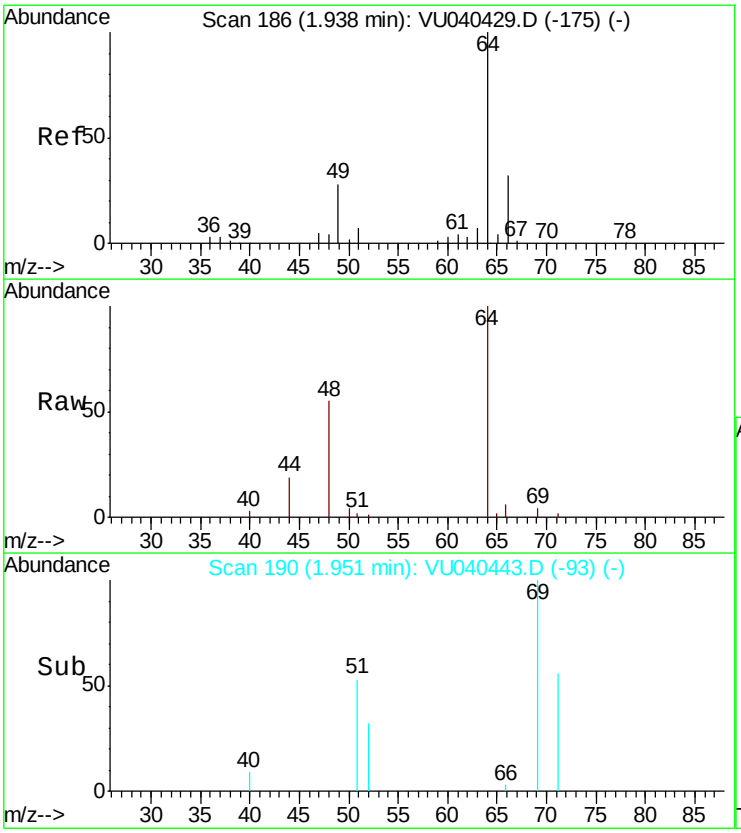
#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.52 min Scan# 55
Delta R.T. -0.01 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion: 50 Resp: 946

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.6#

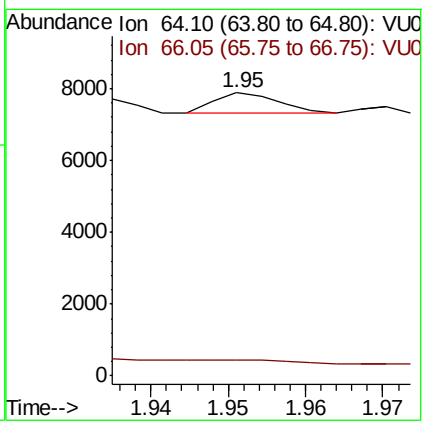


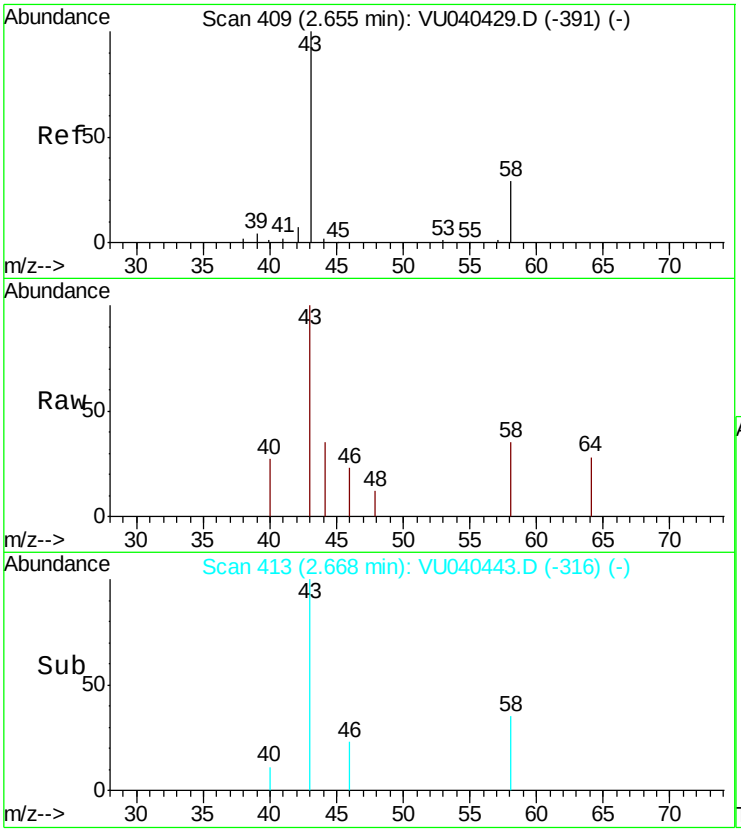


#8
Chloroethane
Concen: 0.039 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 64 Resp: 318

Ion	Ratio	Lower	Upper
64	100		
66	5.6	21.3	39.6#



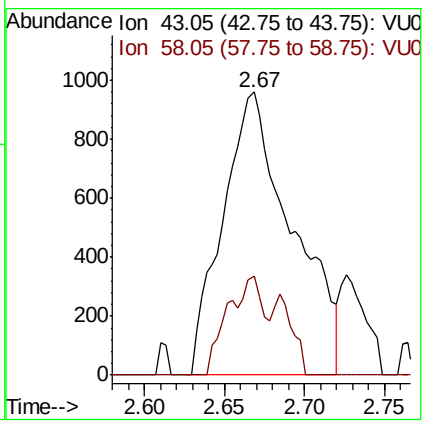


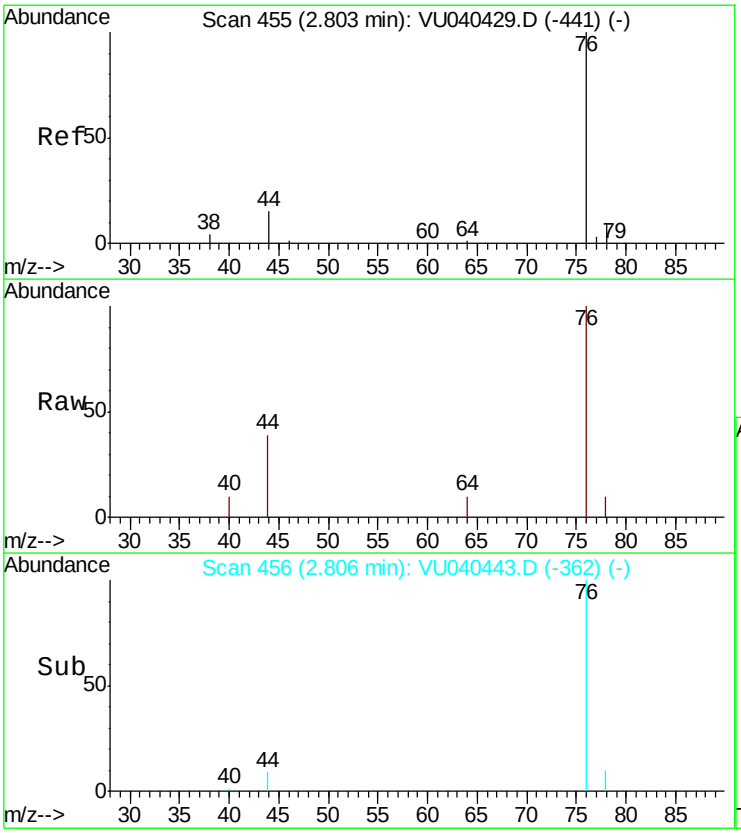
#13
Acetone
Concen: 0.975 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion: 43 Resp: 2866

Ion	Ratio	Lower	Upper
43	100		
58	18.1	0.0	61.8

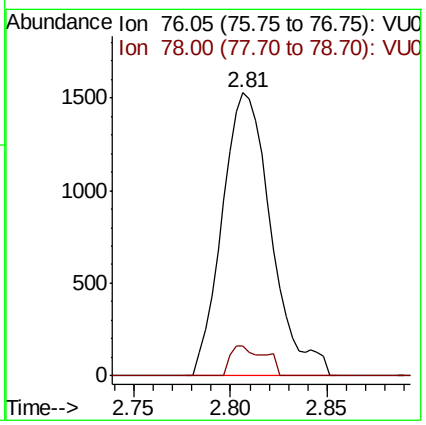


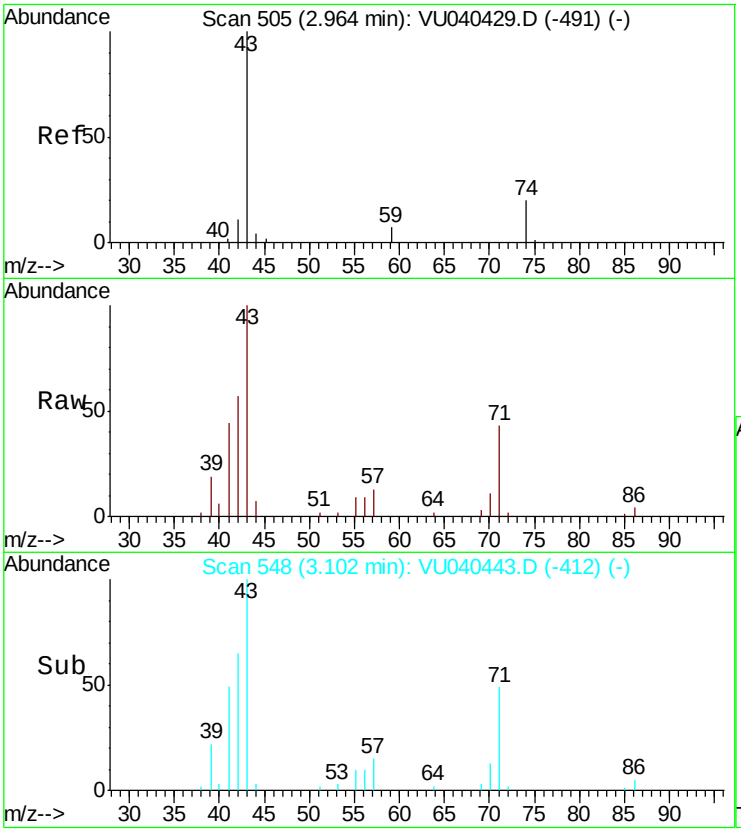


#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 76 Resp: 2688

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.2	10.8



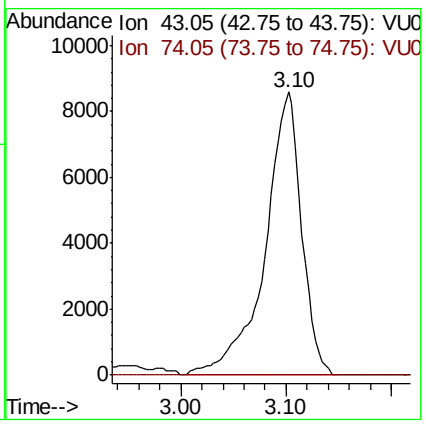


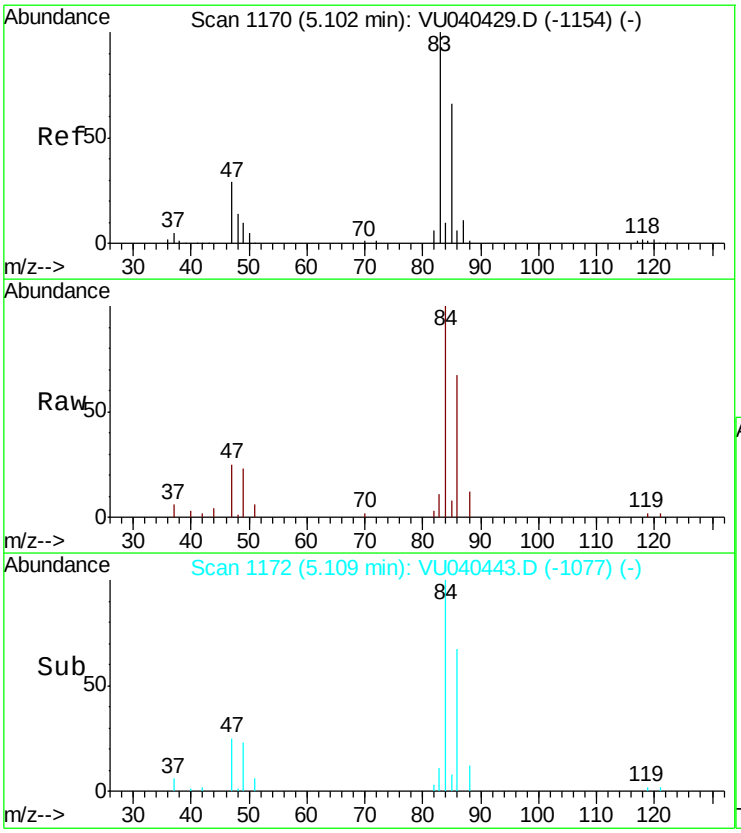
#15
Methyl Acetate
Concen: 2.910 ug/L
RT: 3.10 min Scan# 548
Delta R.T. 0.14 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion: 43 Resp: 20596

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

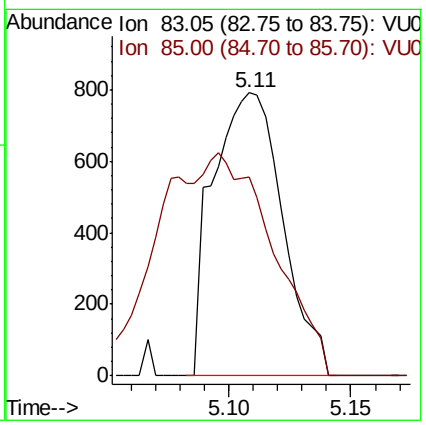


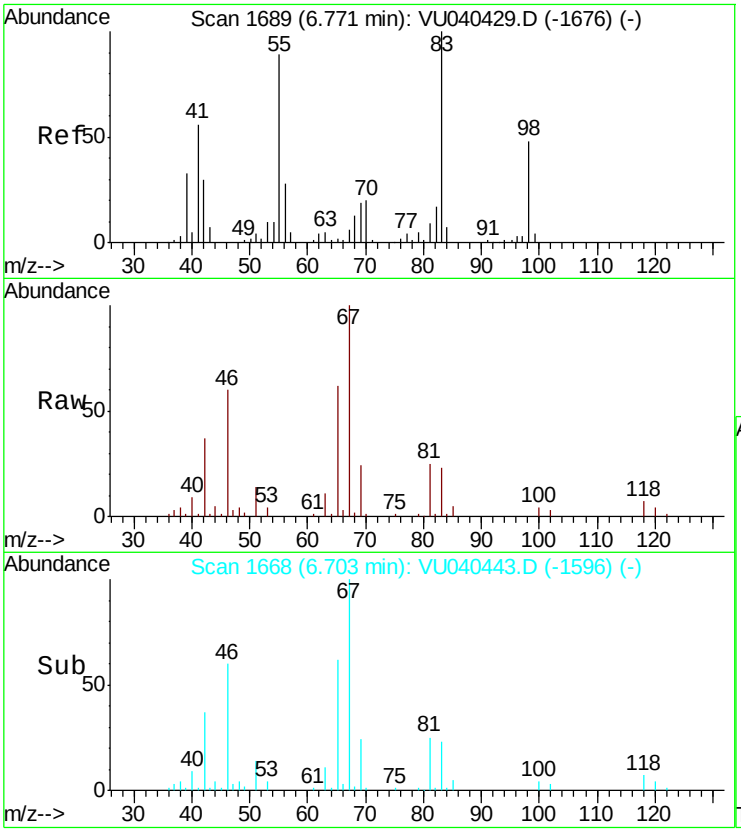


#25
Chloroform
Concen: 0.066 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 83 Resp: 1572

Ion	Ratio	Lower	Upper
83	100		
85	70.3	44.6	82.8



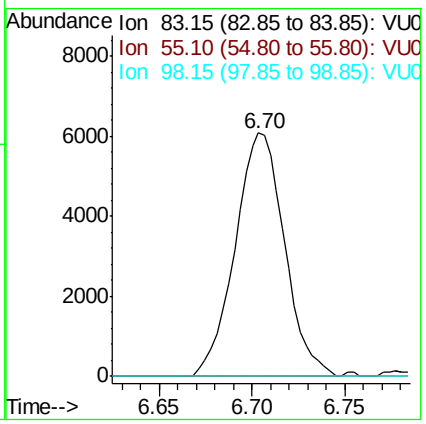


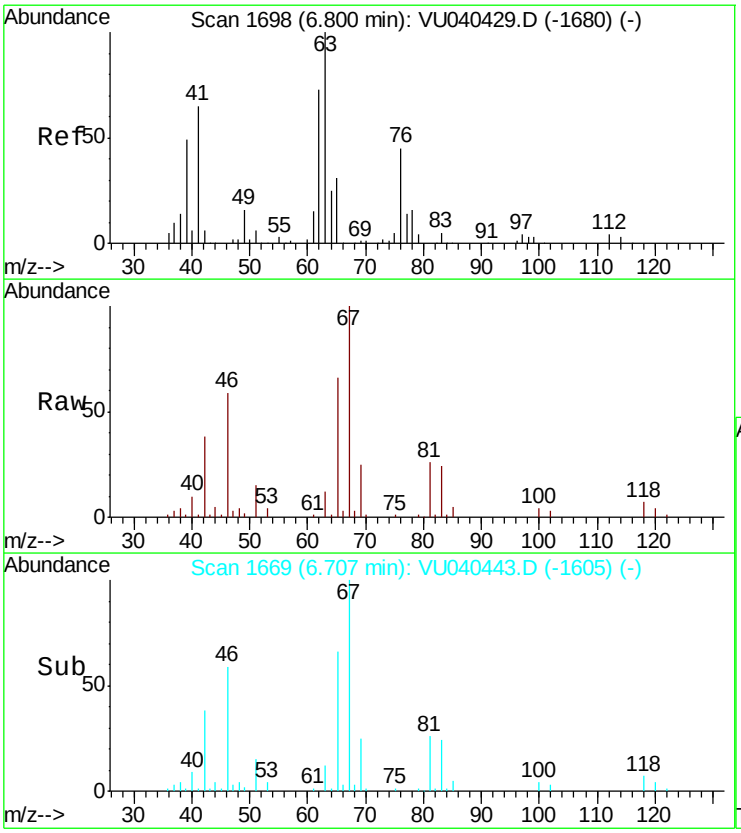
#35
Methylcyclohexane
Concen: 0.618 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion: 83 Resp: 11208

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.2#
98	0.0	38.5	57.7#

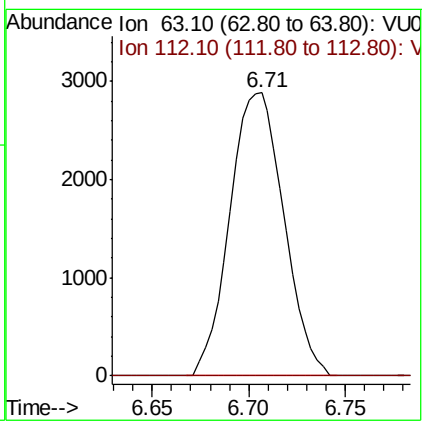


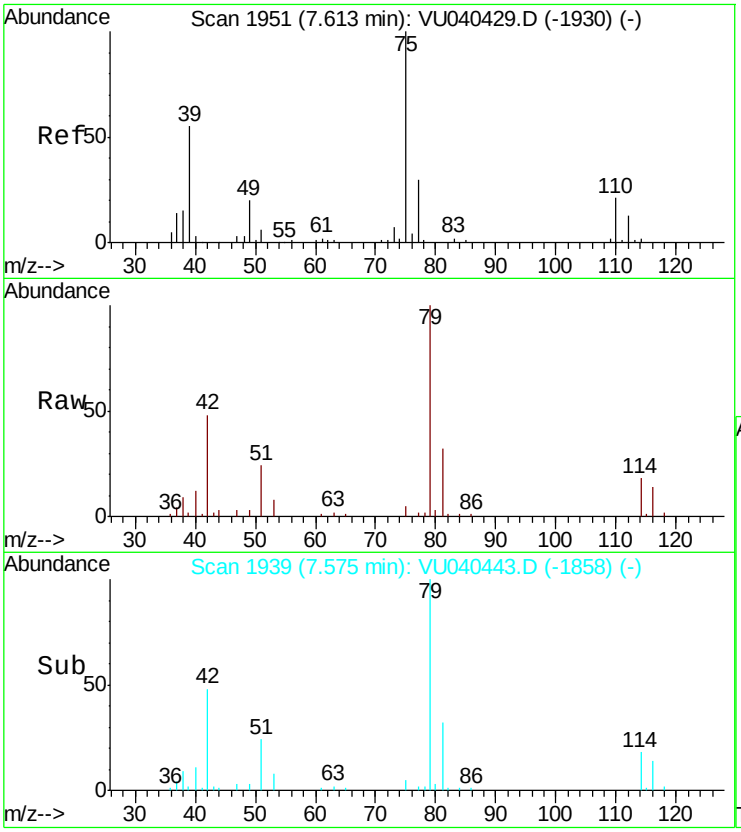


#37
1,2-Dichloropropane
Concen: 0.432 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 63 Resp: 5603

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



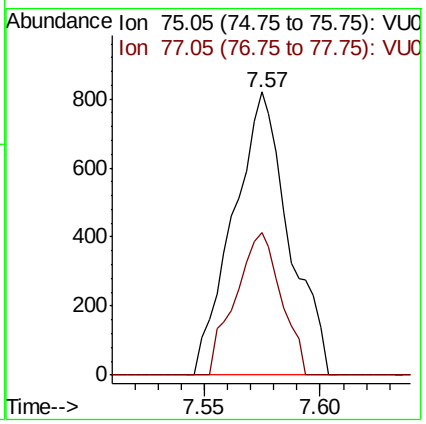


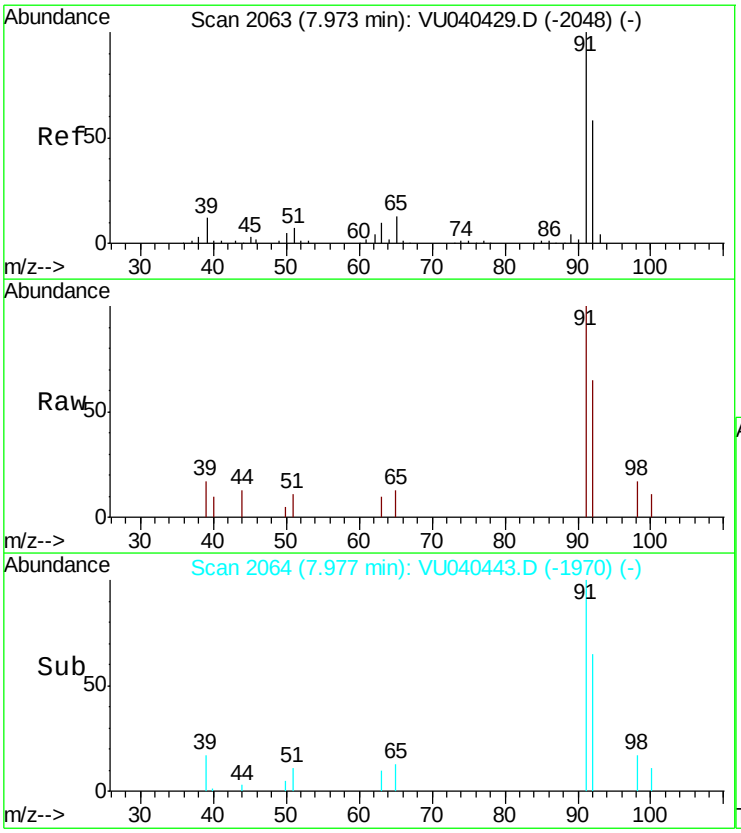
#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion: 75 Resp: 1372

Ion	Ratio	Lower	Upper
75	100		
77	50.5	23.5	43.7#

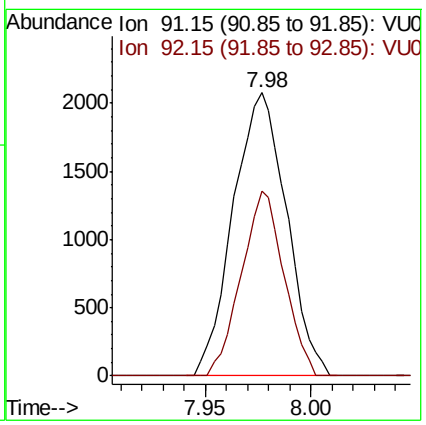


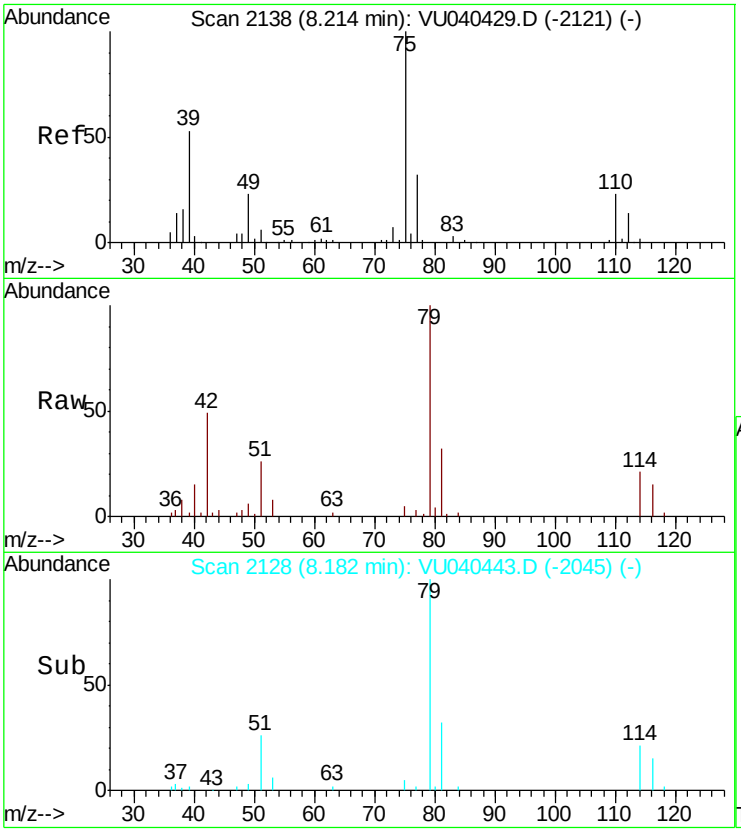


#42
Toluene
Concen: 0.076 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 91 Resp: 3654

Ion	Ratio	Lower	Upper
91	100		
92	65.5	40.0	74.4



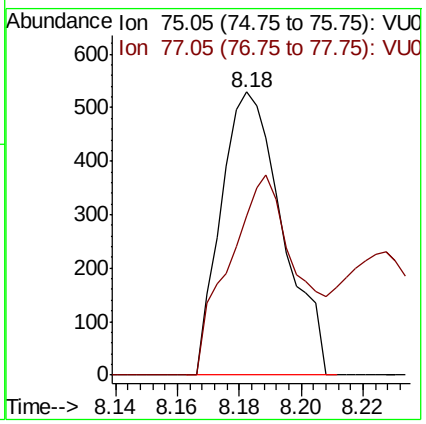


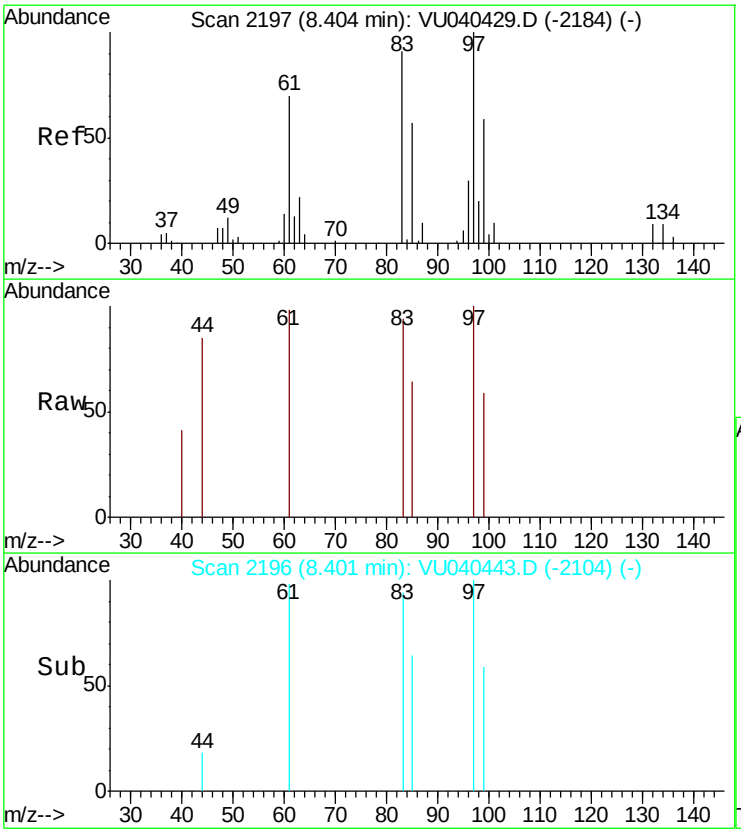
#44
trans-1,3-Dichloropropene
Concen: 0.046 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion: 75 Resp: 732

Ion	Ratio	Lower	Upper
75	100		
77	56.1	22.3	41.3#

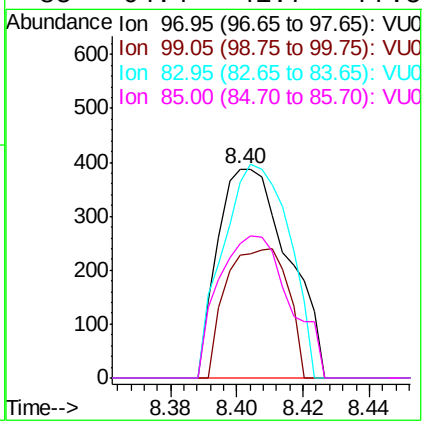


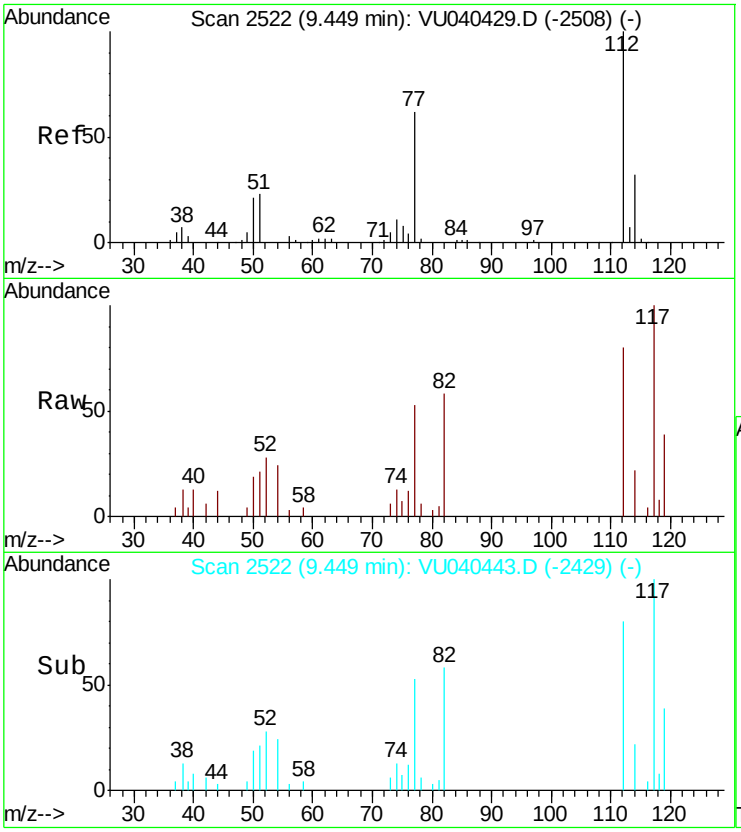


#45
1,1,2-Trichloroethane
Concen: 0.063 ug/L
RT: 8.40 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 97 Resp: 572

Ion	Ratio	Lower	Upper
97	100		
99	58.5	45.8	85.0
83	93.6	62.9	116.9
85	64.4	41.7	77.5



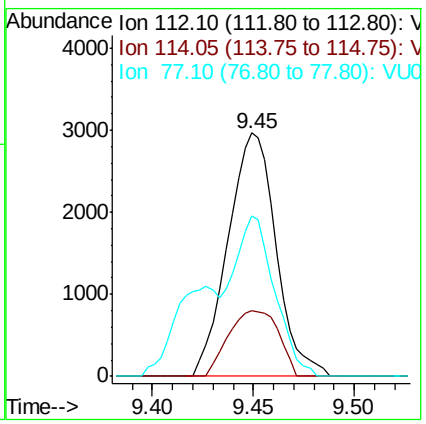


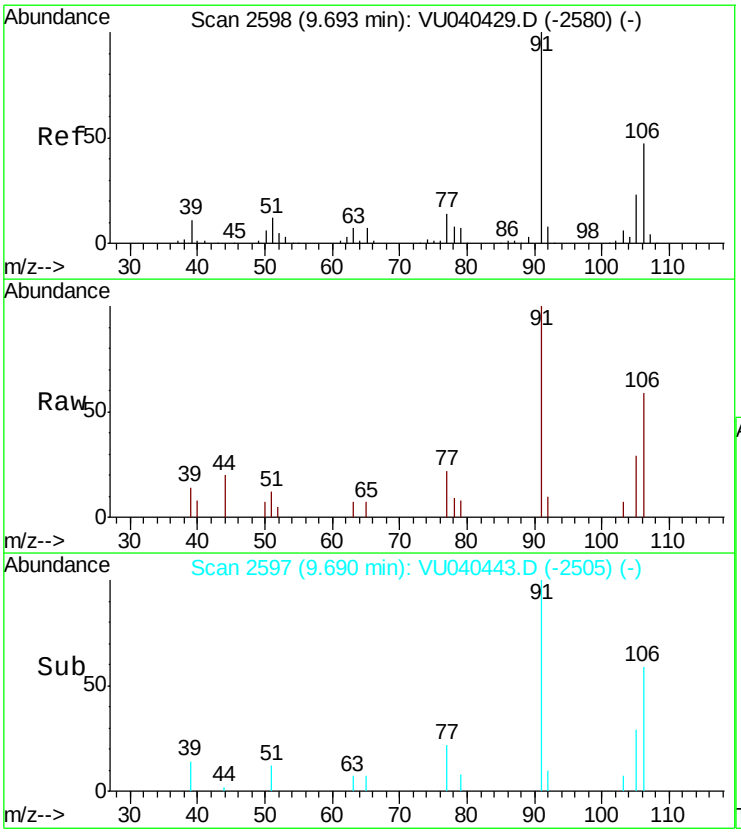
#51
Chlorobenzene
Concen: 0.160 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion:112 Resp: 4949

Ion	Ratio	Lower	Upper
112	100		
114	27.0	22.0	40.8
77	65.9	49.5	74.3

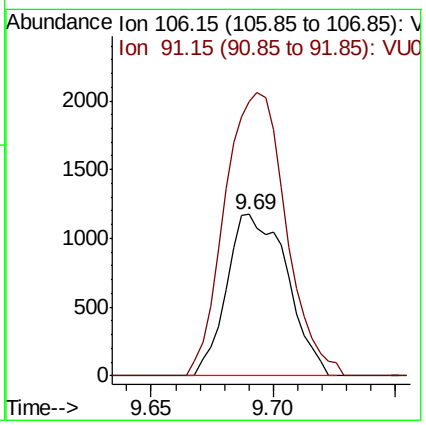


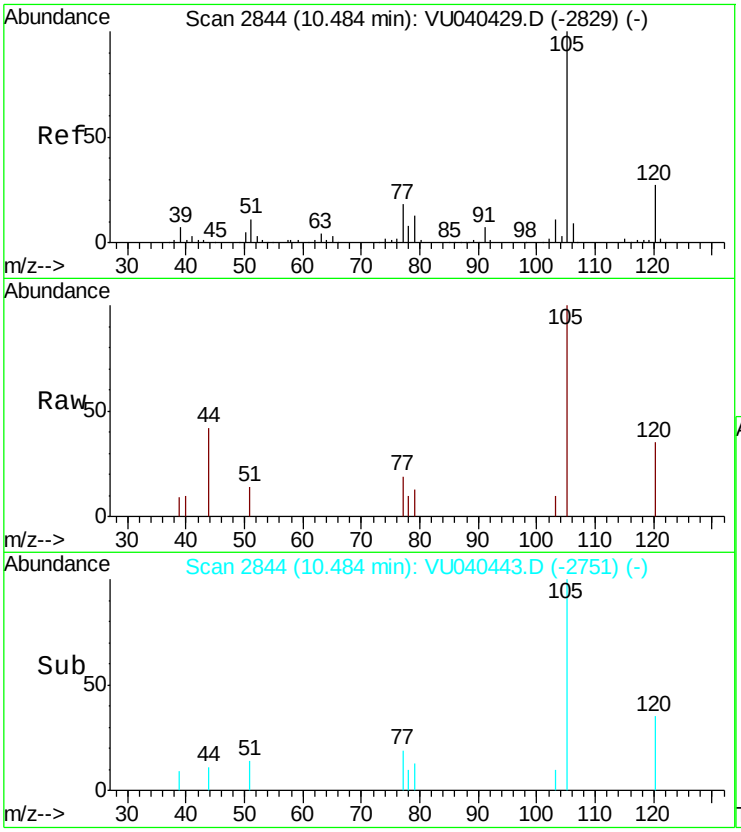


#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion:106 Resp: 2017

Ion	Ratio	Lower	Upper
106	100		
91	170.0	149.0	276.6



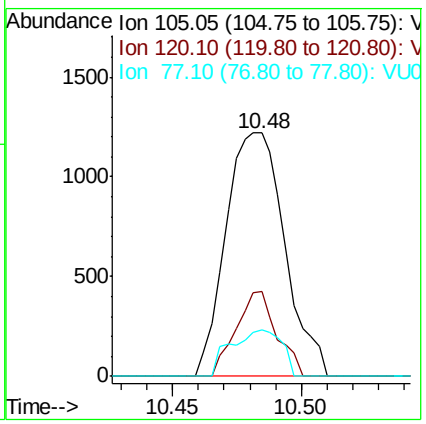


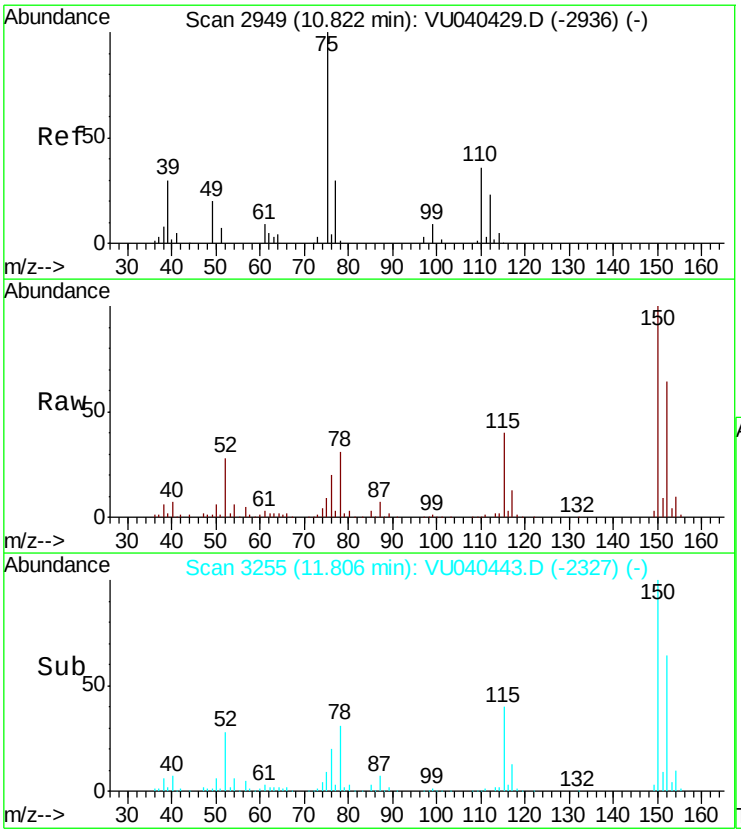
#56
Isopropylbenzene
Concen: 0.040 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion:105 Resp: 1943

Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.6	30.8
77	16.5	14.3	21.5

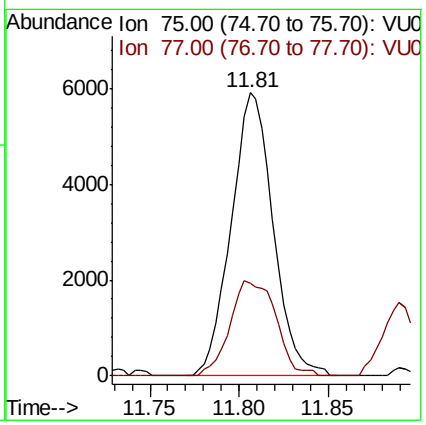


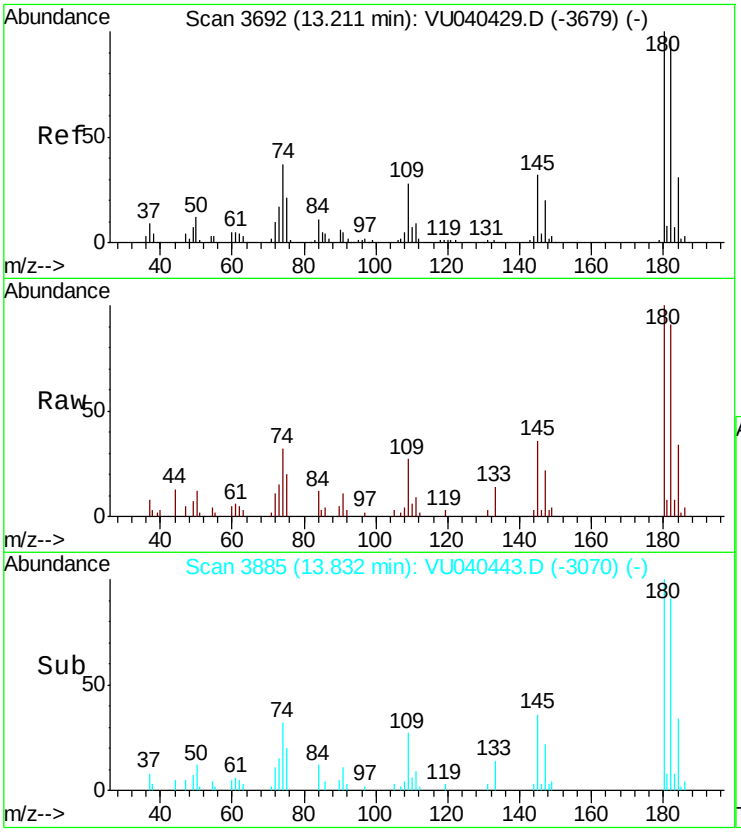


#59
1,2,3-Trichloropropane
Concen: 1.033 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 75 Resp: 9718

Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.7	38.5



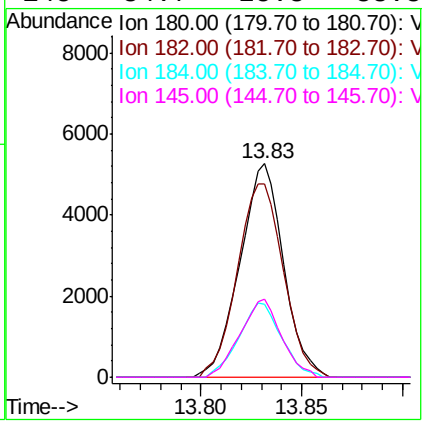


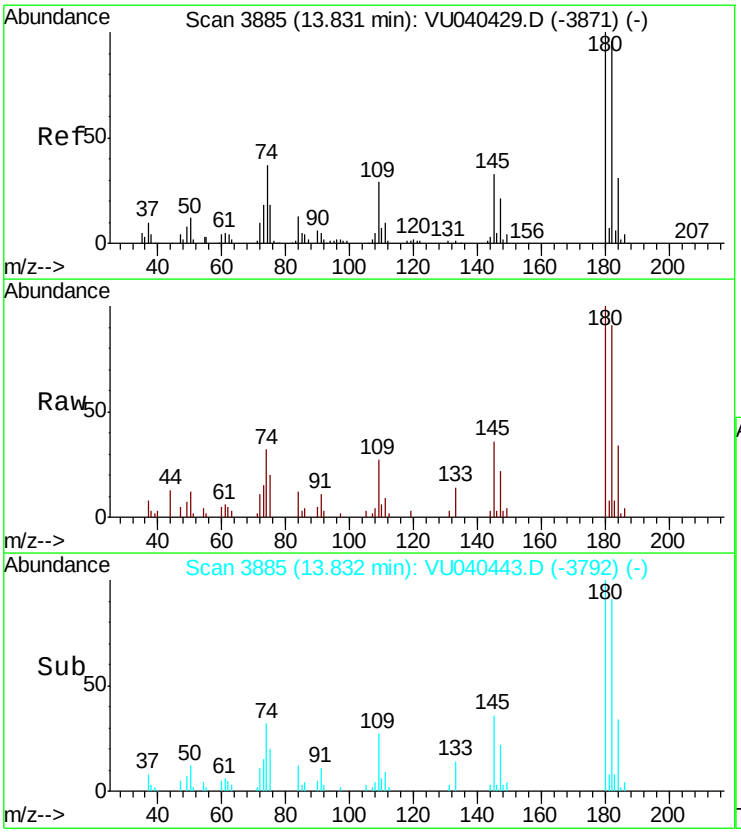
#67
1,3,5-Trichlorobenzene
Concen: 0.500 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.62 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion:180 Resp: 7970

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.5	114.7
184	34.0	24.6	37.0
145	34.7	25.8	38.8

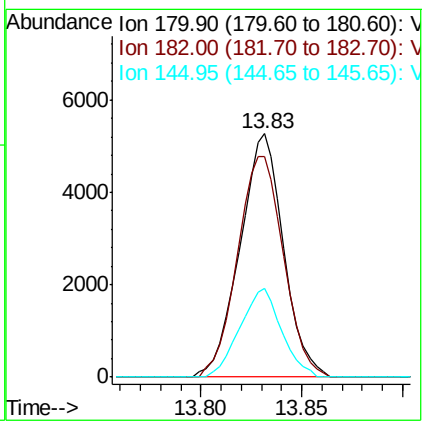


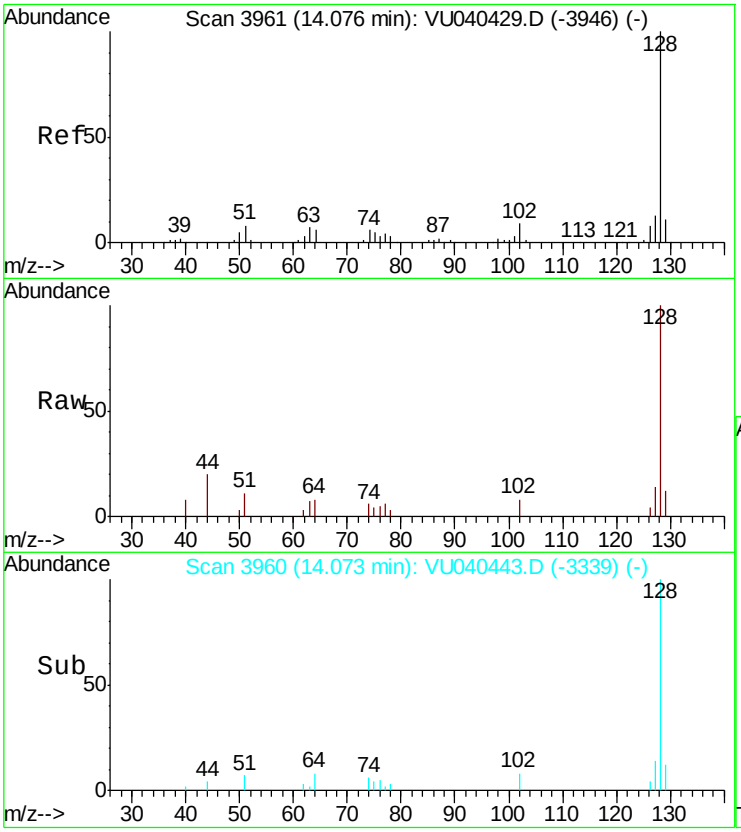


#68
1,2,4-trichlorobenzene
Concen: 0.622 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion:180 Resp: 7970

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	115.0
145	34.7	26.3	39.5



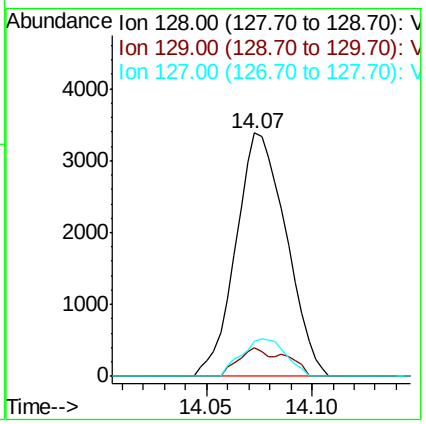


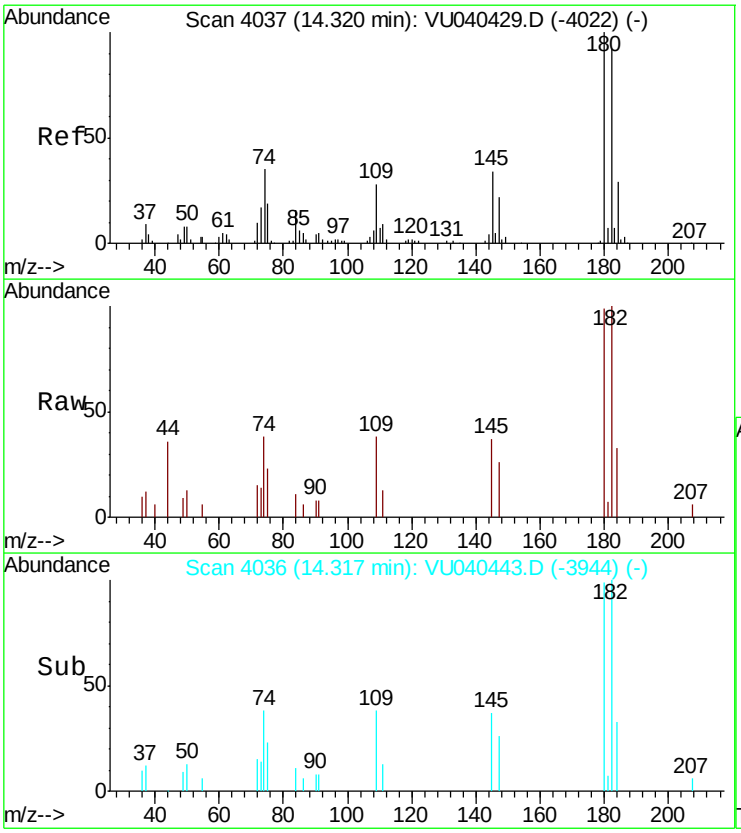
#69
Naphthalene
Concen: 0.256 ug/L
RT: 14.07 min Scan# 3960
Delta R.T. -0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion:128 Resp: 5598

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.4
127	13.5	10.2	15.4





#70
1,2,3-Trichlorobenzene
Concen: 0.225 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion:180 Resp: 2643

Ion	Ratio	Lower	Upper
180	100		
182	103.1	76.6	115.0
145	36.6	27.8	41.6