Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040483.D
Acq On : 03 Oct 2020 16:41
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T1

Quant Time: Oct 05 01:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139519	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68846	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	33538	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.92	69	27951	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.58	63	52386	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	4.66	46	144127	42.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.02%			
24) Chloroform-d	5.08	84	70459	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.72	65	43324	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
32) Benzene-d6	5.75	84	136075	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.70	67	45835	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.91	98	116310	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18046	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	97141	40.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.46%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39334	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50284	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2877	0.210	ug/L #	42
5) Vinyl chloride	1.61	62	603	0.045	ug/L #	1
8) Chloroethane	2.15	64	1831	0.229	ug/L #	52
13) Acetone	2.61	43	6845	2.394	ug/L	49
14) Carbon disulfide	2.81	76	3612	0.108	ug/L	95
15) Methyl Acetate	3.10	43	5954712	864.802	ug/L #	56
16) Methylene chloride	3.05	84	5058	0.379	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	1913	0.065	ug/L #	1
19) 1,1-Dichloroethane	3.73	63	35830	1.589	ug/L #	1
21) 2-Butanone	4.67	43	55628	12.122	ug/L #	51
30) Cyclohexane	5.40	56	20391	1.068	ug/L #	82
35) Methylcyclohexane	6.77	83	7524	0.427	ug/L #	71
37) 1,2-Dichloropropane	6.70	63	5225	0.414	ug/L #	93
39) cis-1,3-Dichloropropene	7.57	75	1402	0.083	ug/L	86
42) Toluene	7.97	91	11343	0.244	ug/L	98
44) trans-1,3-Dichloropropene	8.19	75	1041	0.067	ug/L	95
45) 1,1,2-Trichloroethane	8.37	97	3487	0.394	ug/L #	19

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040483.D
Acq On : 03 Oct 2020 16:41
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T1

Quant Time: Oct 05 01:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.57	91	3379	0.067	ug/L		99
53) m,p-Xylene	9.69	106	3835	0.204	ug/L		96
56) Isopropylbenzene	10.48	105	3288	0.069	ug/L	#	92
59) 1,2,3-Trichloropropane	11.09	75	472	0.052	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.96	75	730	0.366	ug/L	#	10
67) 1,3,5-Trichlorobenzene	13.83	180	28359	1.743	ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	28359	2.169	ug/L		97
69) Naphthalene	14.08	128	4722	0.211	ug/L	#	94
70) 1,2,3-Trichlorobenzene	14.32	180	6162	0.515	ug/L	#	90

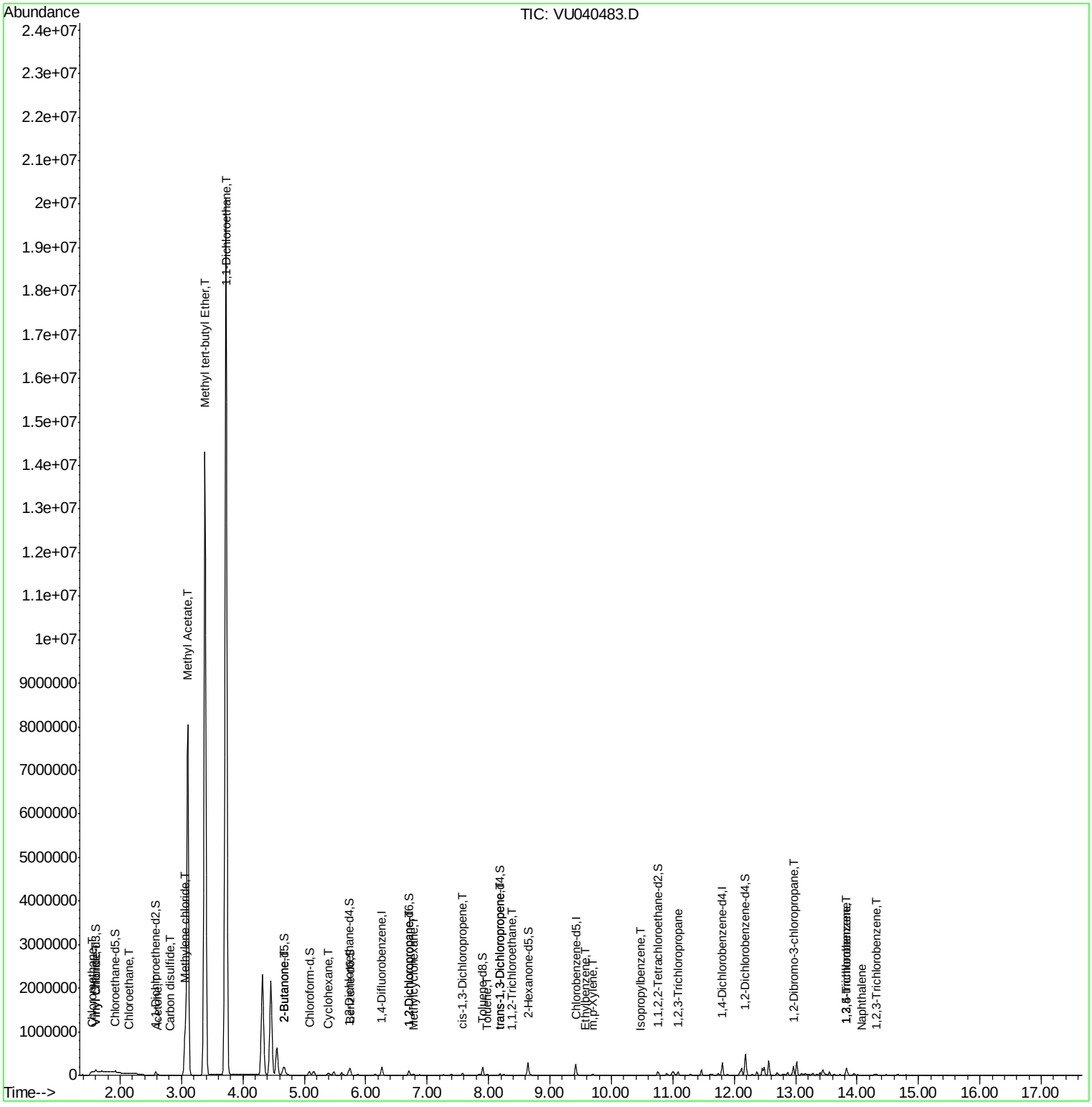
(#) = qualifier out of range (m) = manual integration (+) = signals summed

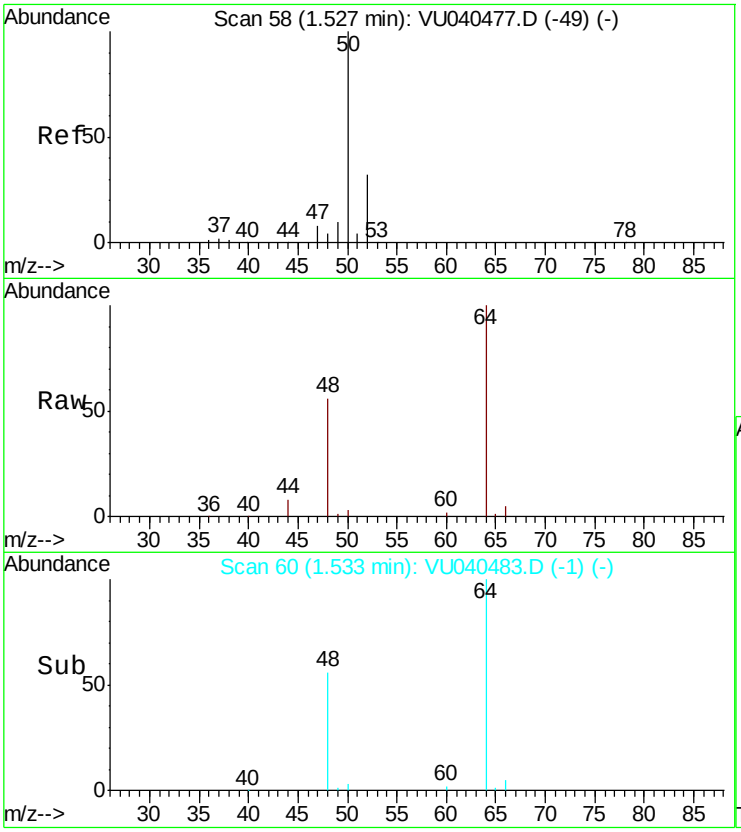
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040483.D
Acq On : 03 Oct 2020 16:41
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Quant Time: Oct 05 01:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration



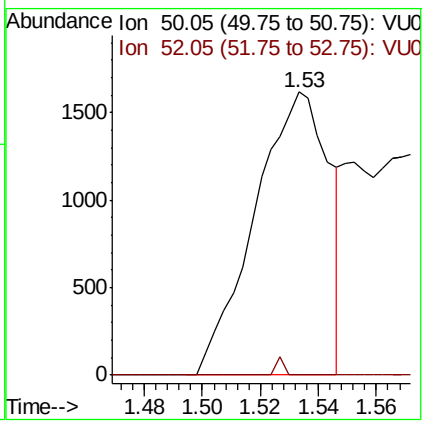


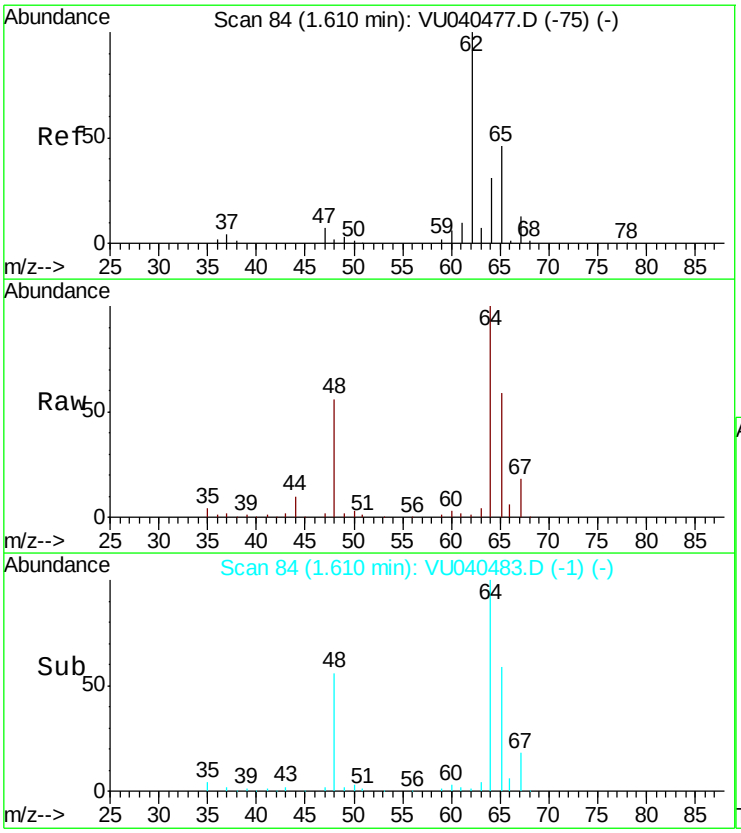
#3
Chloromethane
Concen: 0.210 ug/L
RT: 1.53 min Scan# 60
Delta R.T. 0.01 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 50 Resp: 2877

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.6#

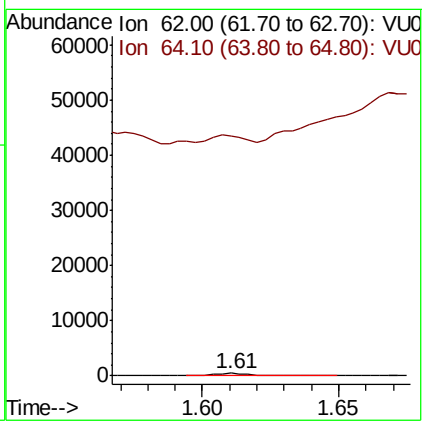


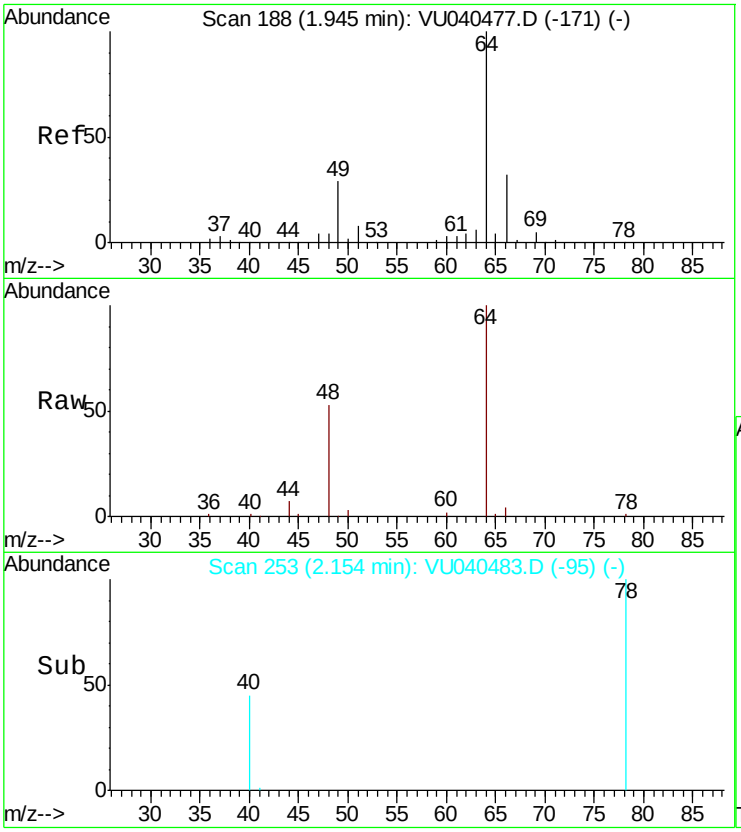


#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 62 Resp: 603

Ion	Ratio	Lower	Upper
62	100		
64	9901.8	23.0	42.8#



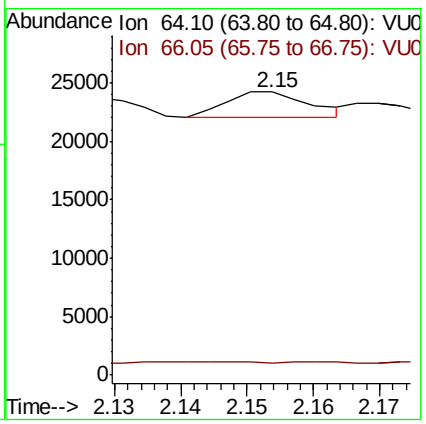


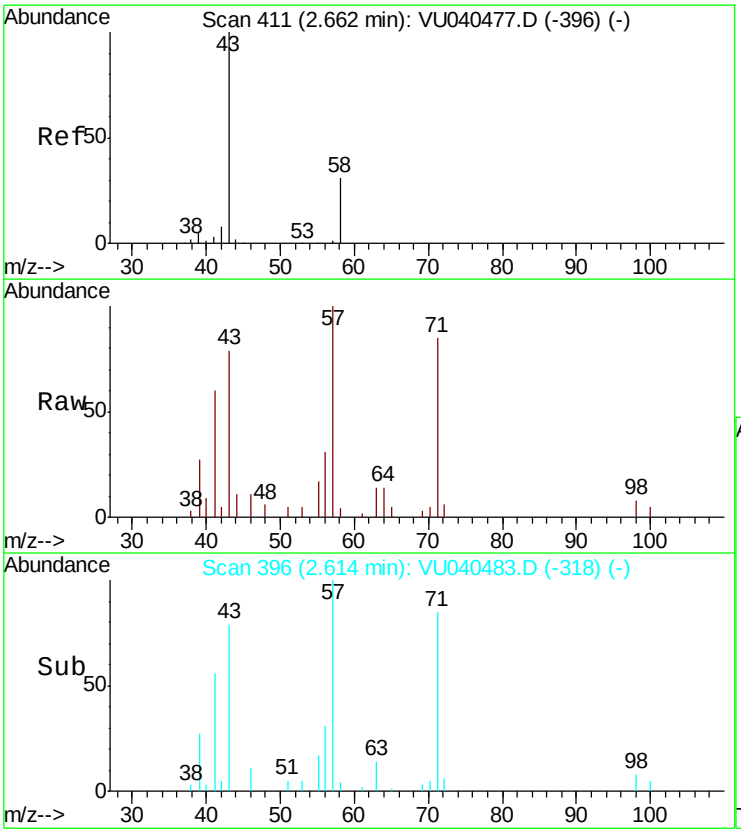
#8
Chloroethane
Concen: 0.229 ug/L
RT: 2.15 min Scan# 253
Delta R.T. 0.21 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 64 Resp: 1831

Ion	Ratio	Lower	Upper
64	100		
66	4.4	21.3	39.6#

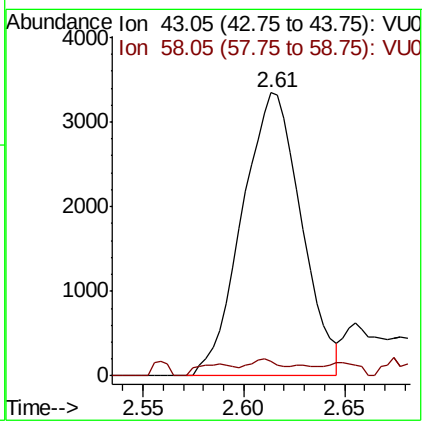


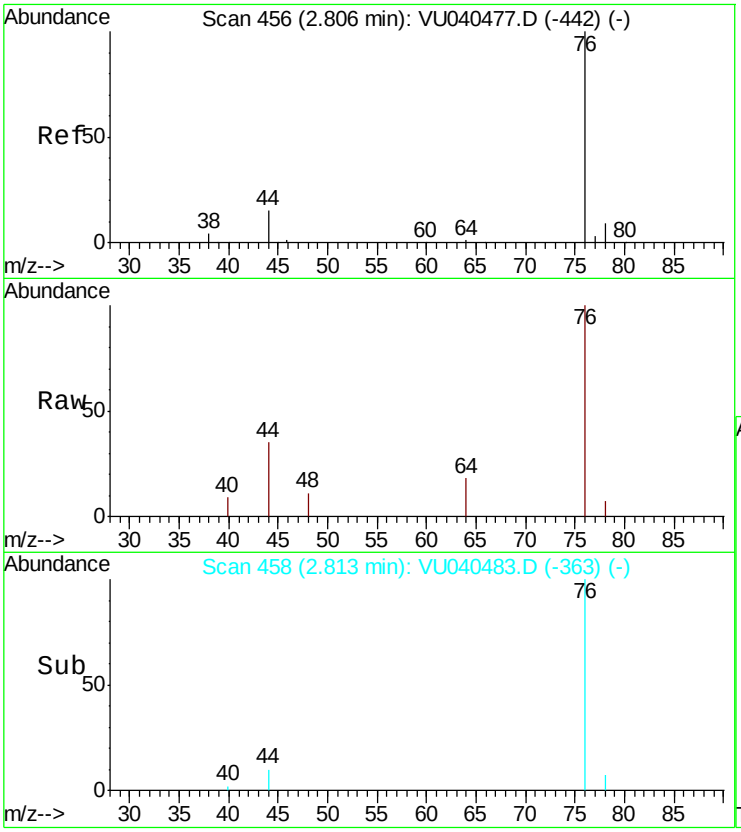


#13
Acetone
Concen: 2.394 ug/L
RT: 2.61 min Scan# 396
Delta R.T. -0.05 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 43 Resp: 6845

Ion	Ratio	Lower	Upper
43	100		
58	3.0	0.0	61.8



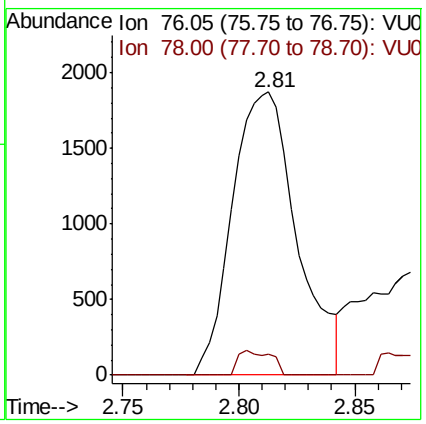


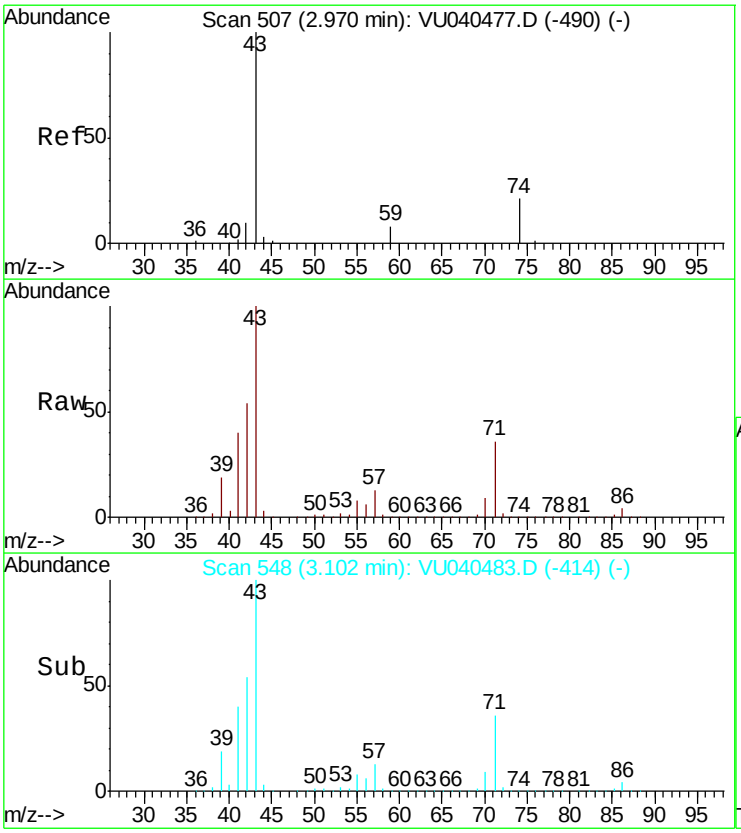
#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.81 min Scan# 458
Delta R.T. 0.01 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 76 Resp: 3612

Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.2	10.8

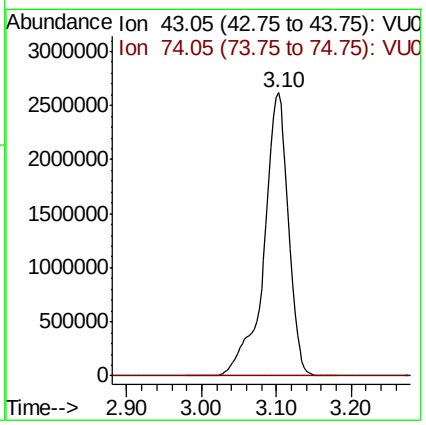


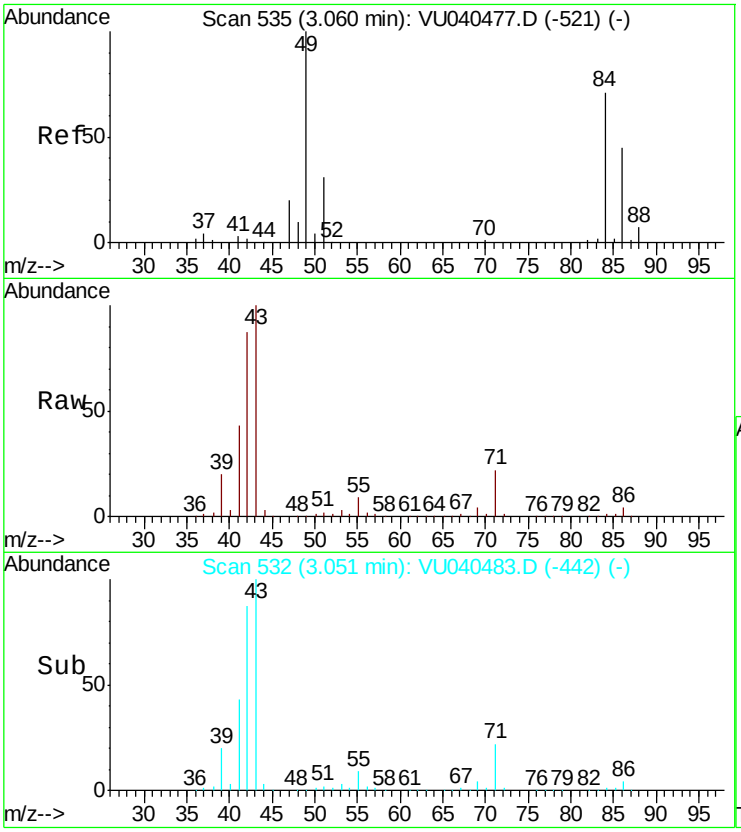


#15
Methyl Acetate
Concen: 864.802 ug/L
RT: 3.10 min Scan# 548
Delta R.T. 0.13 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 43 Resp: 5954712

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



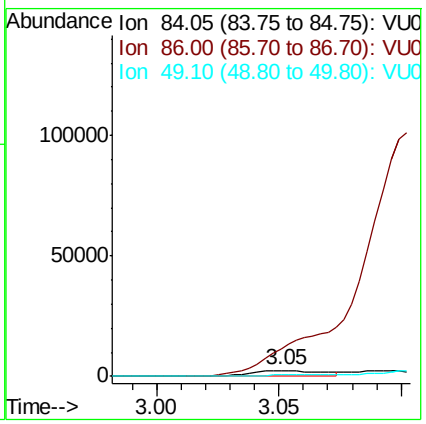


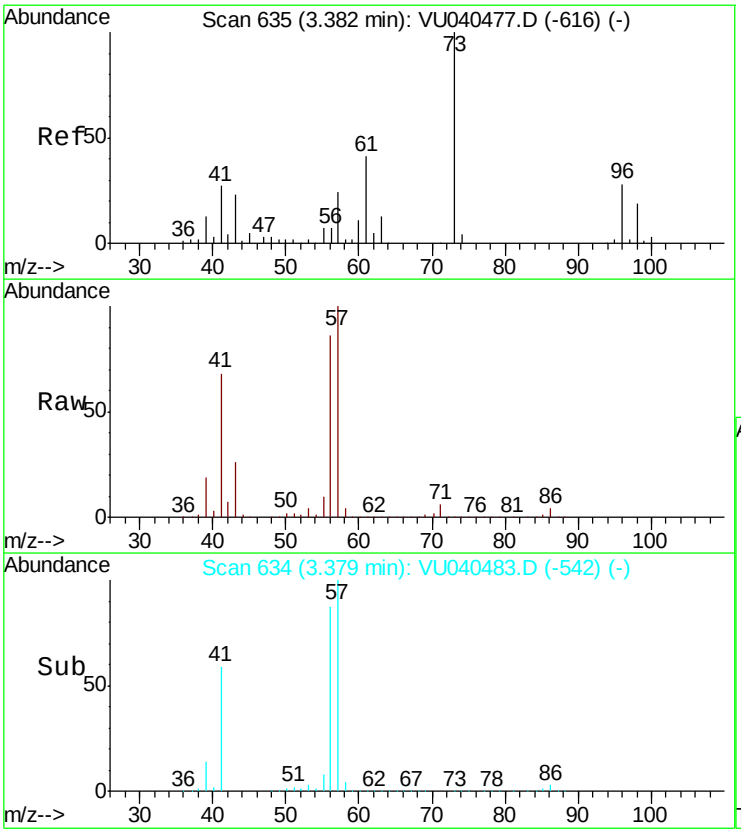
#16
Methylene chloride
Concen: 0.379 ug/L
RT: 3.05 min Scan# 532
Delta R.T. -0.01 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 84 Resp: 5058

Ion	Ratio	Lower	Upper
84	100		
86	455.6	44.4	82.5#
49	19.1	92.2	171.2#

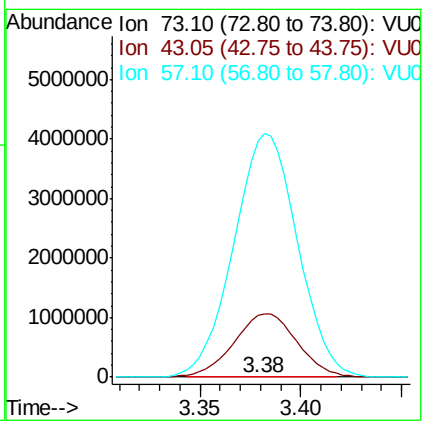


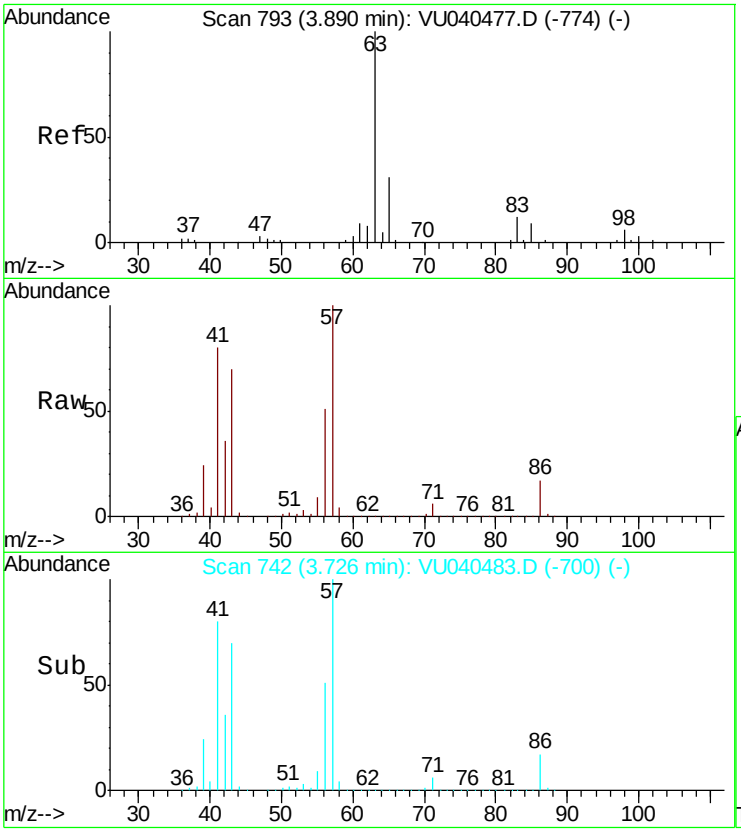


#17
Methyl tert-butyl Ether
Concen: 0.065 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 73 Resp: 1913

Ion	Ratio	Lower	Upper
73	100		
43	121675.7	19.0	28.4#
57	473271.9	18.9	28.3#



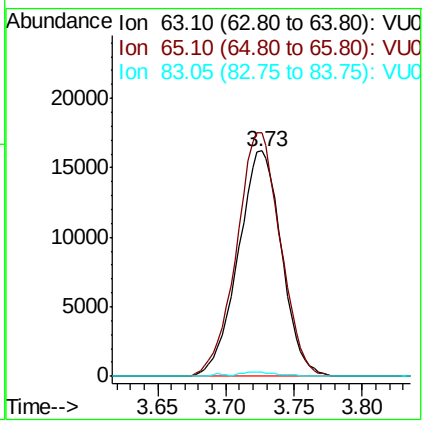


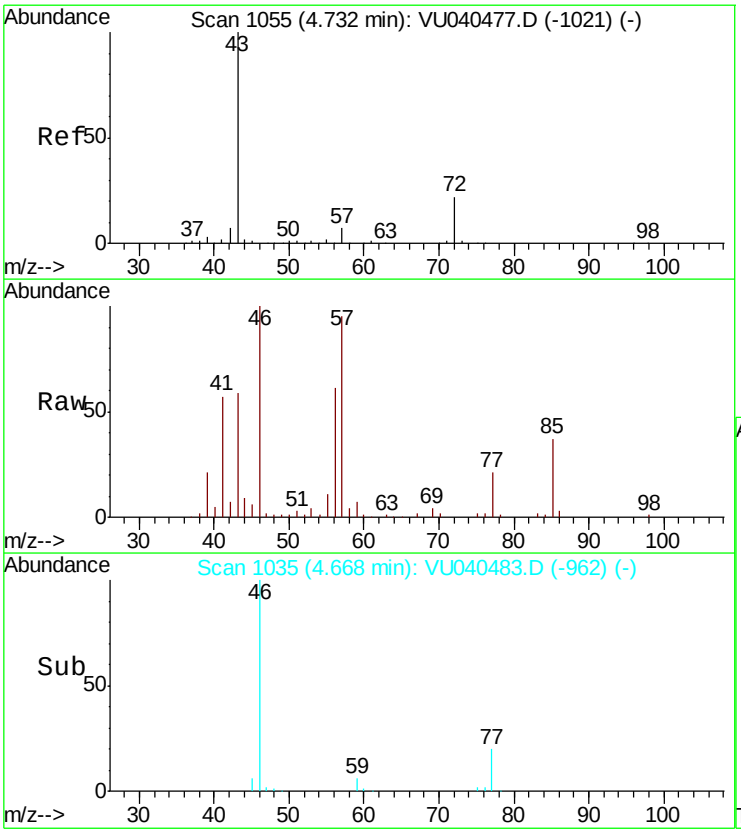
#19
1,1-Dichloroethane
Concen: 1.589 ug/L
RT: 3.73 min Scan# 742
Delta R.T. -0.16 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 63 Resp: 35830

Ion	Ratio	Lower	Upper
63	100		
65	108.0	21.7	40.3#
83	1.7	9.1	16.9#

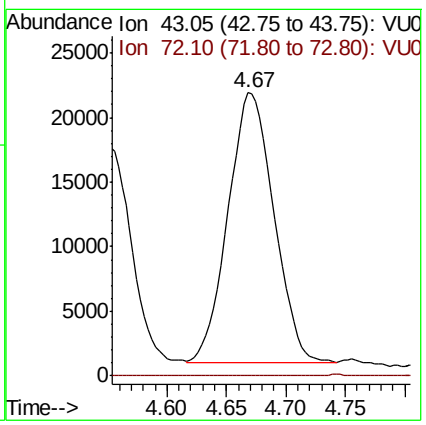


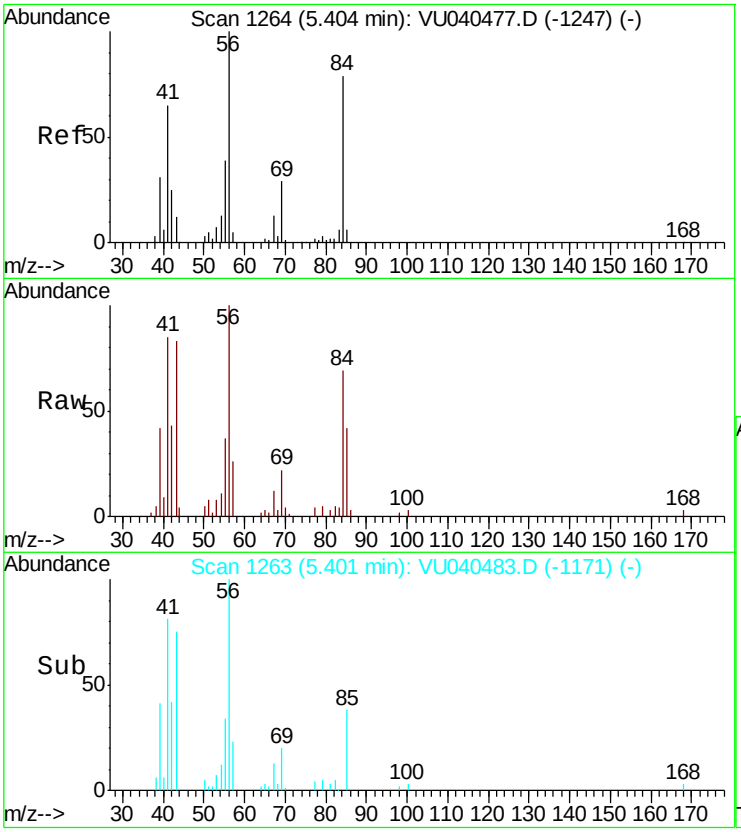


#21
2-Butanone
Concen: 12.122 ug/L
RT: 4.67 min Scan# 1035
Delta R.T. -0.06 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 43 Resp: 55628

Ion	Ratio	Lower	Upper
43	100		
72	0.1	12.0	36.1#



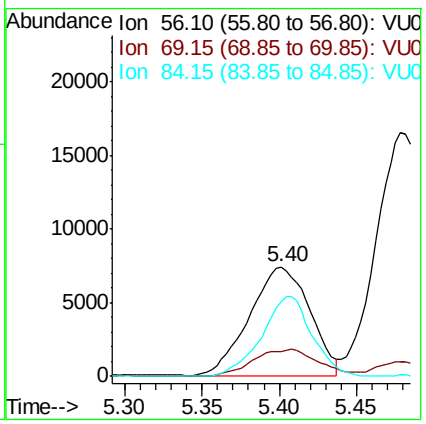


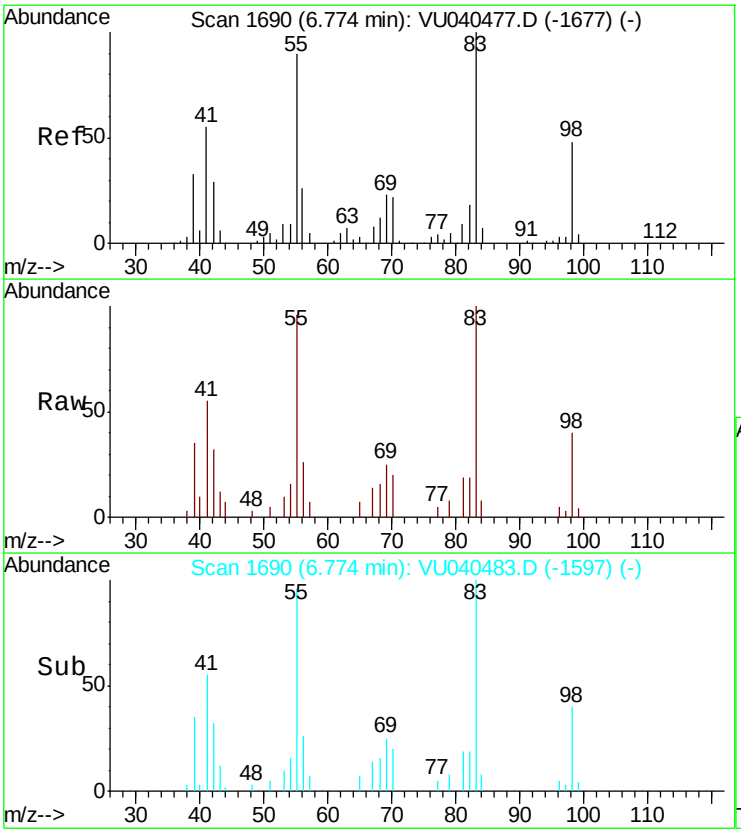
#30
Cyclohexane
Concen: 1.068 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 56 Resp: 20391

Ion	Ratio	Lower	Upper
56	100		
69	26.0	23.3	34.9
84	60.2	64.2	96.4#

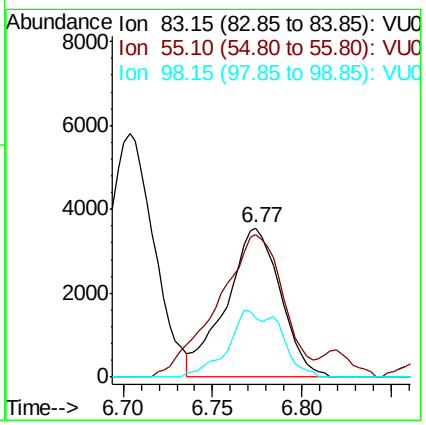


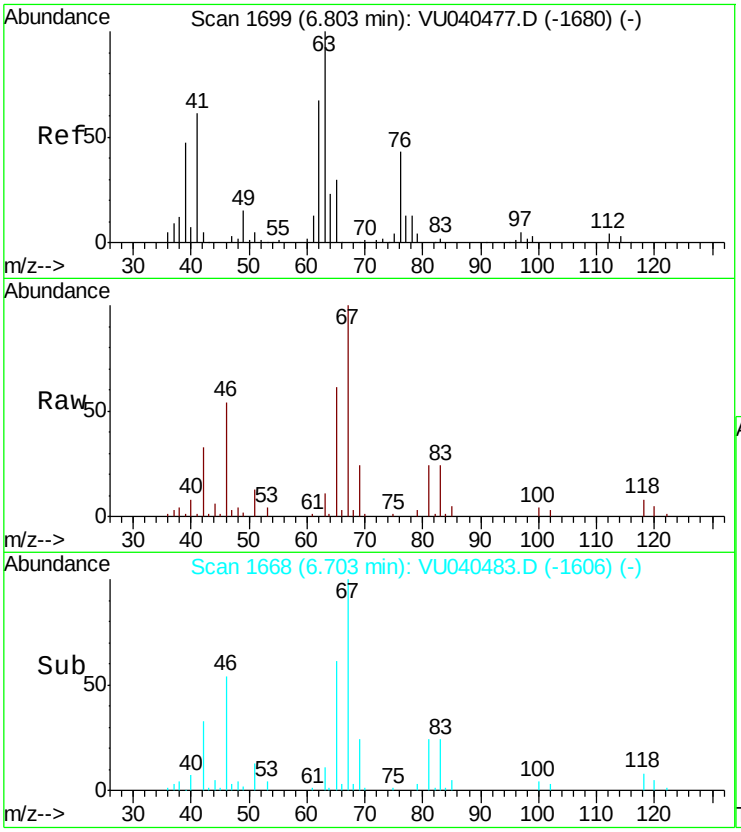


#35
Methylcyclohexane
Concen: 0.427 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 83 Resp: 7524

Ion	Ratio	Lower	Upper
83	100		
55	115.3	71.4	107.2#
98	27.5	38.5	57.7#



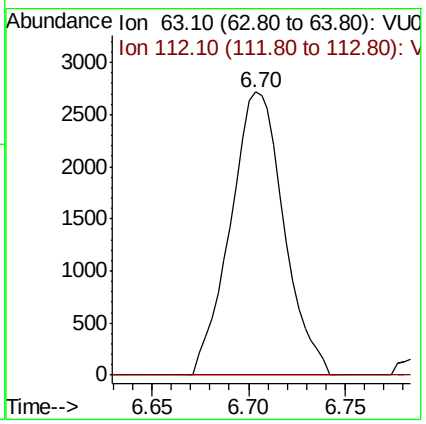


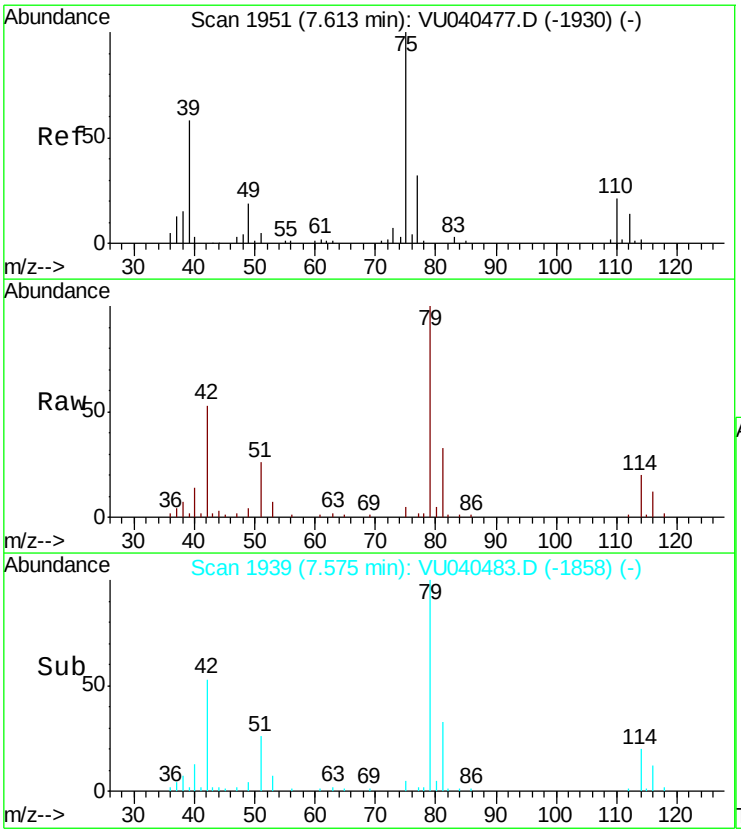
#37
1,2-Dichloropropane
Concen: 0.414 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 63 Resp: 5225

Ion	Ratio	Lower	Upper
63	100		
112	6.4	3.2	4.8#

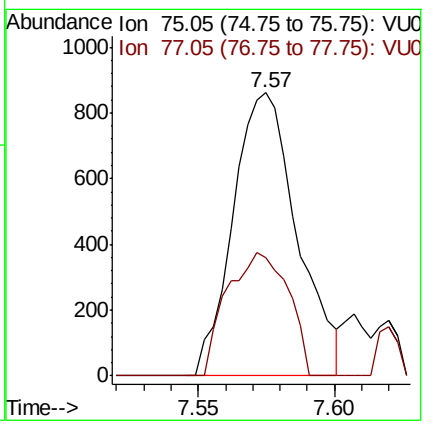


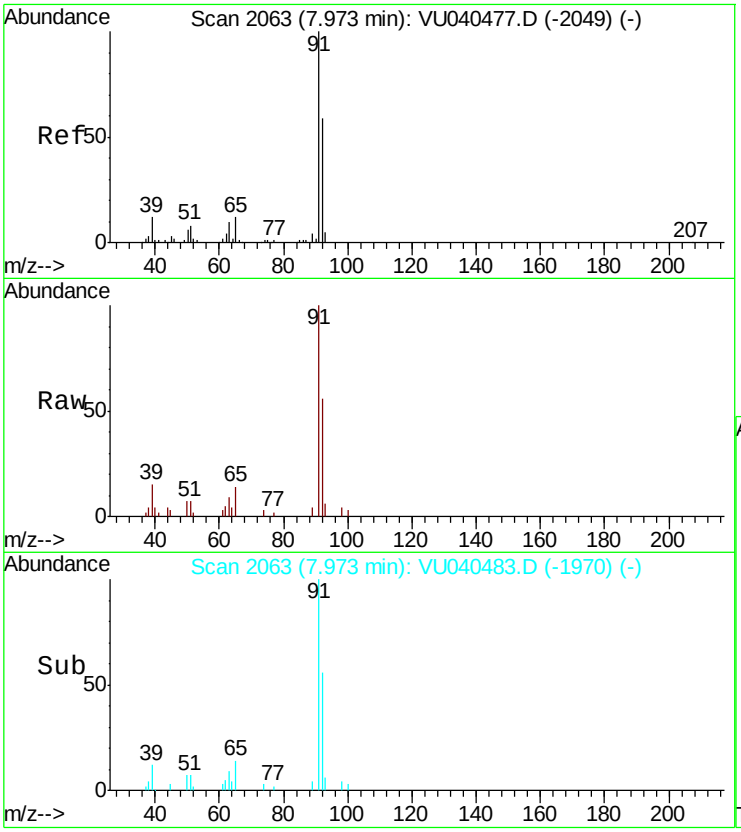


#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 75 Resp: 1402

Ion	Ratio	Lower	Upper
75	100		
77	41.6	23.5	43.7



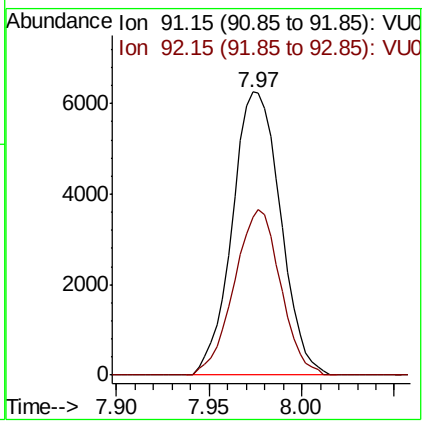


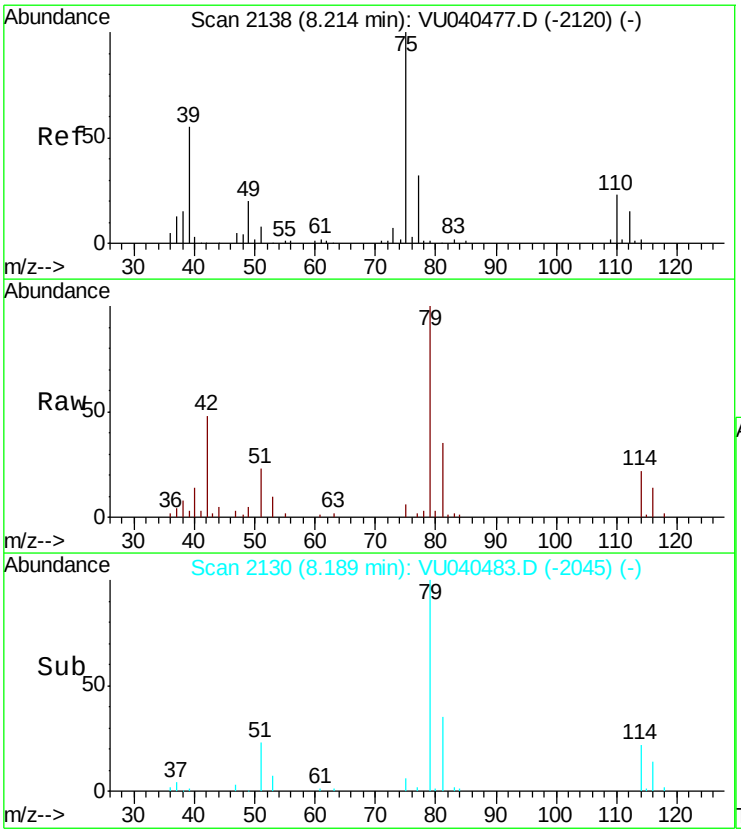
#42
Toluene
Concen: 0.244 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion: 91 Resp: 11343

Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.0	74.4

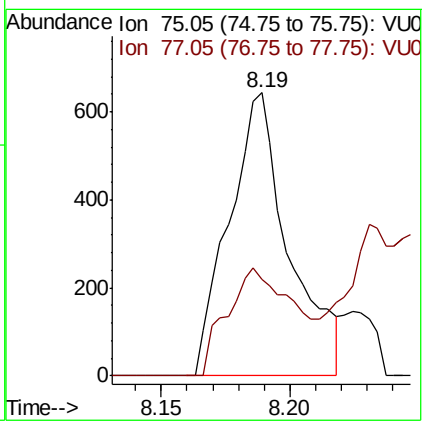


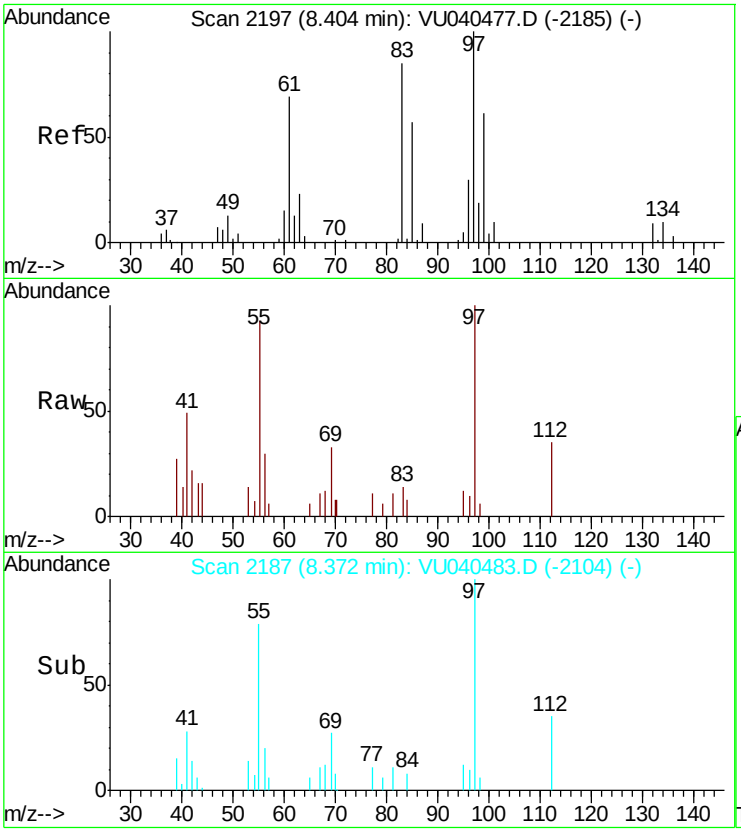


#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 75 Resp: 1041

Ion	Ratio	Lower	Upper
75	100		
77	34.4	22.3	41.3



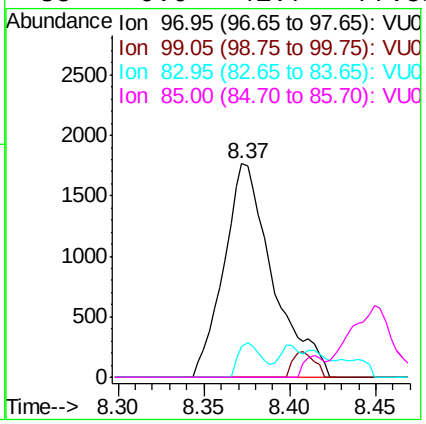


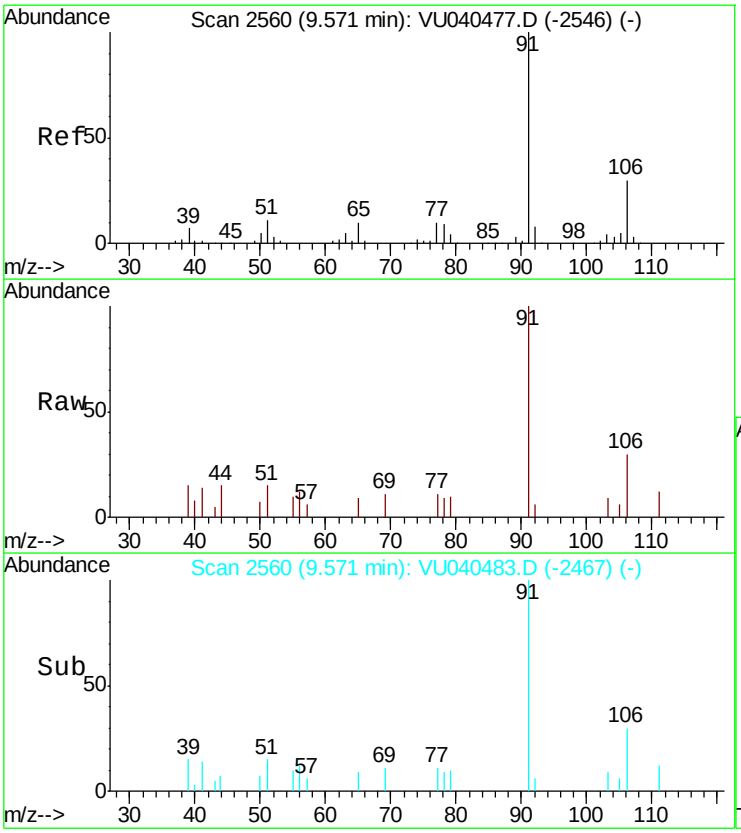
#45
1,1,2-Trichloroethane
Concen: 0.394 ug/L
RT: 8.37 min Scan# 2187
Delta R.T. -0.03 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 97 Resp: 3487

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.0#
83	14.2	62.9	116.9#
85	0.0	41.7	77.5#

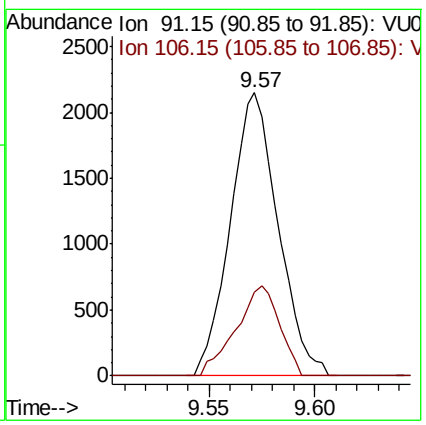


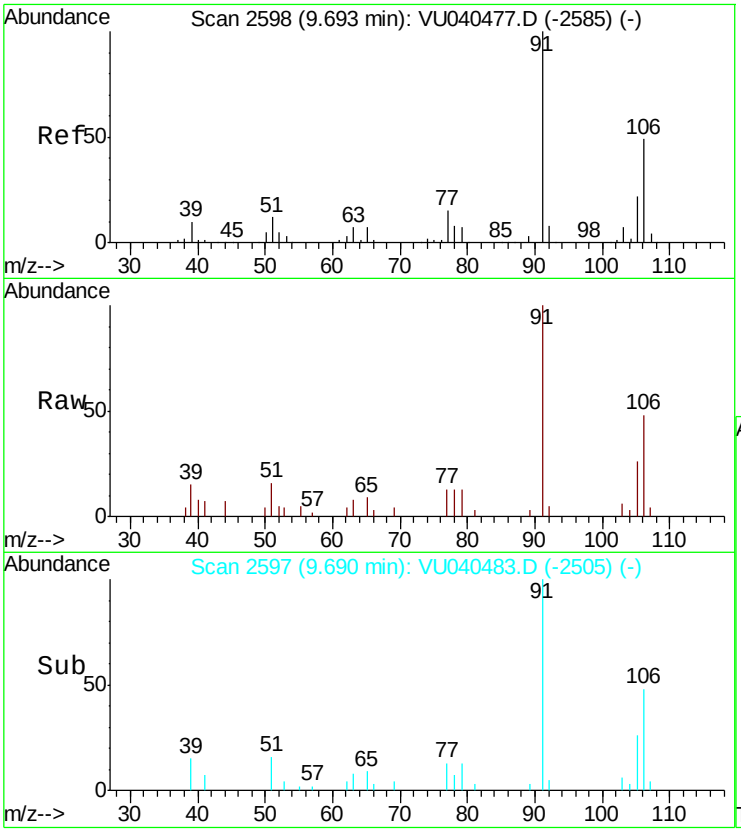


#52
Ethylbenzene
Concen: 0.067 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 91 Resp: 3379

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.1	39.3



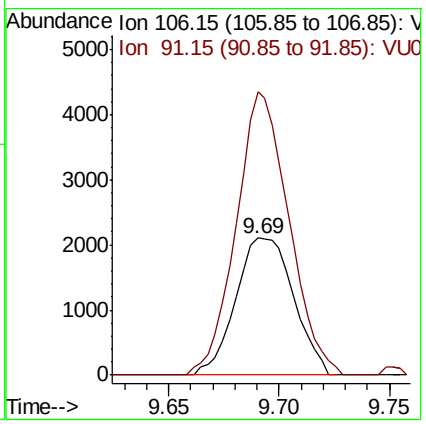


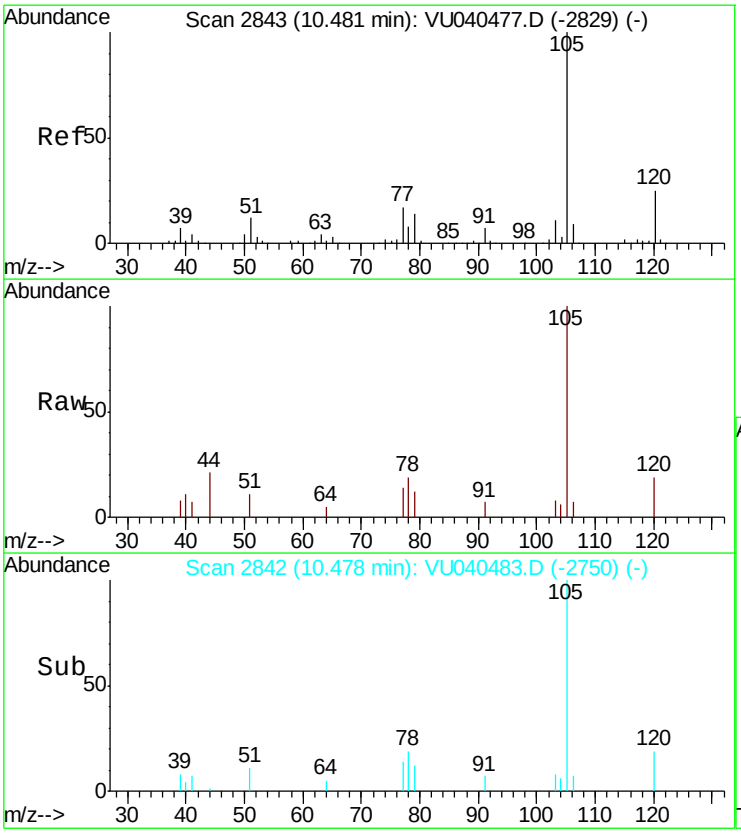
#53
m,p-Xylene
Concen: 0.204 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:106 Resp: 3835

Ion	Ratio	Lower	Upper
106	100		
91	206.7	149.0	276.6

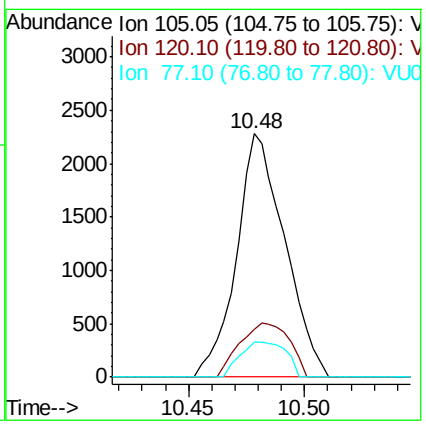


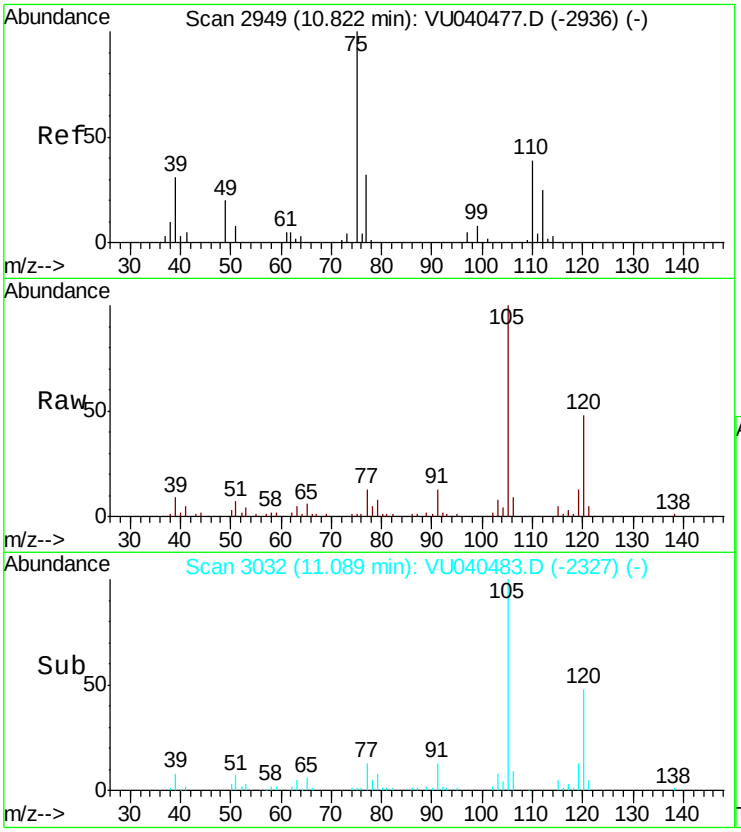


#56
Isopropylbenzene
Concen: 0.069 ug/L
RT: 10.48 min Scan# 2842
Delta R.T. -0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion:105 Resp: 3288

Ion	Ratio	Lower	Upper
105	100		
120	22.7	20.6	30.8
77	13.6	14.3	21.5#



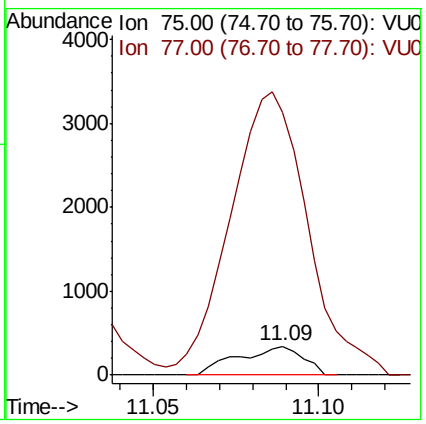


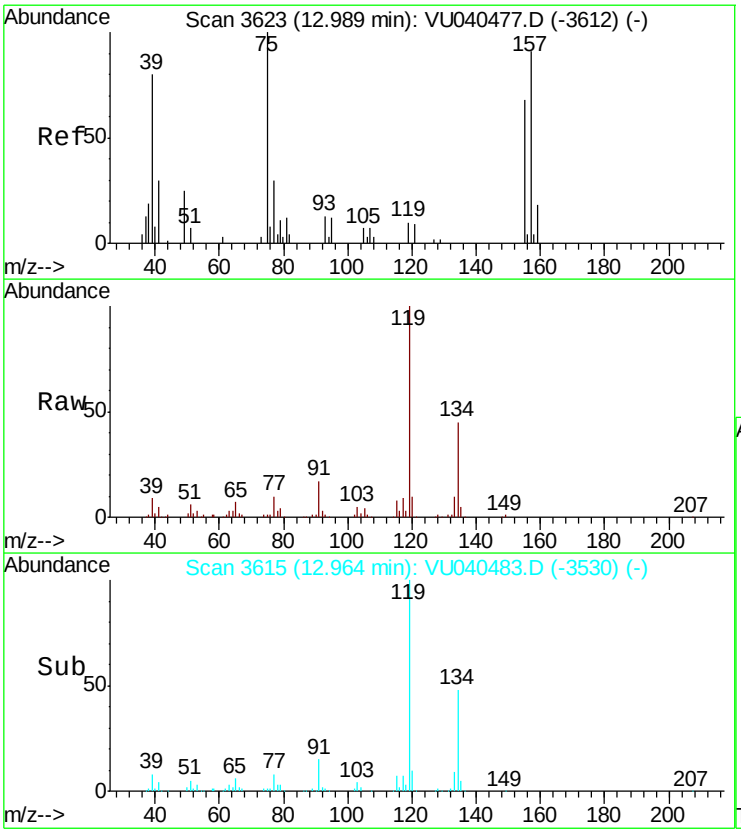
#59
1,2,3-Trichloropropane
Concen: 0.052 ug/L
RT: 11.09 min Scan# 3032
Delta R.T. 0.27 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 75 Resp: 472

Ion	Ratio	Lower	Upper
75	100		
77	1163.3	25.7	38.5#

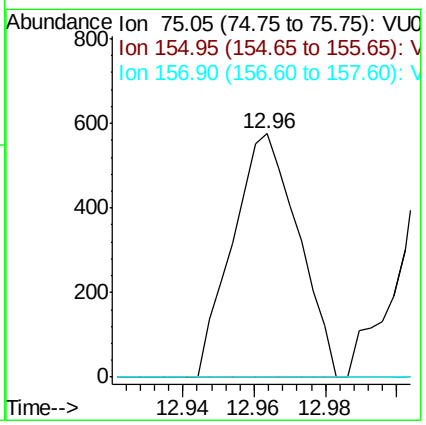


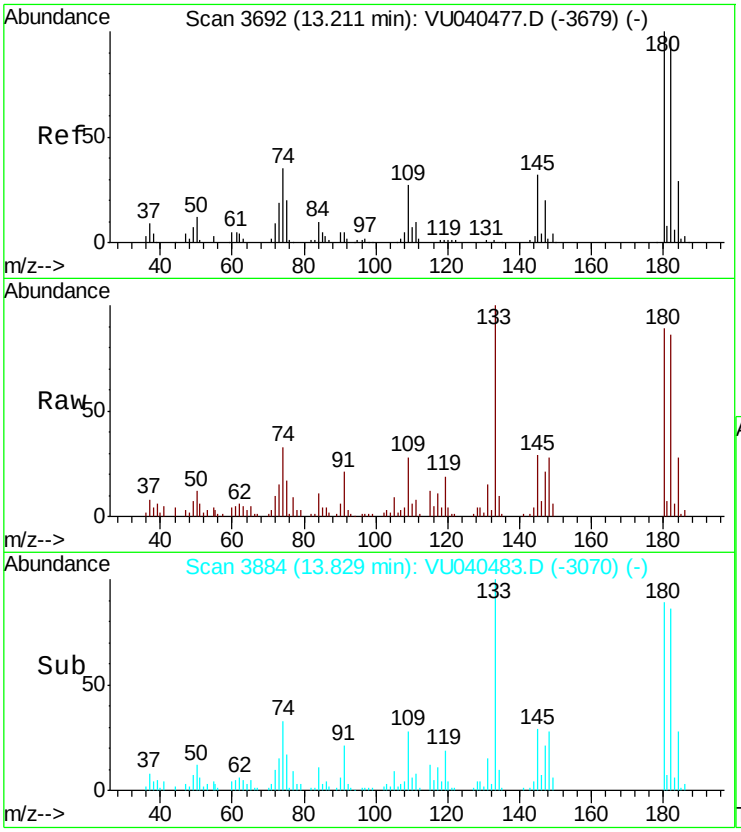


#66
1,2-Dibromo-3-chloropropane
Concen: 0.366 ug/L
RT: 12.96 min Scan# 3615
Delta R.T. -0.03 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 75 Resp: 730

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



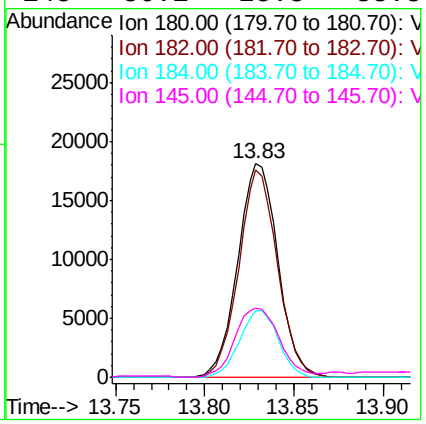


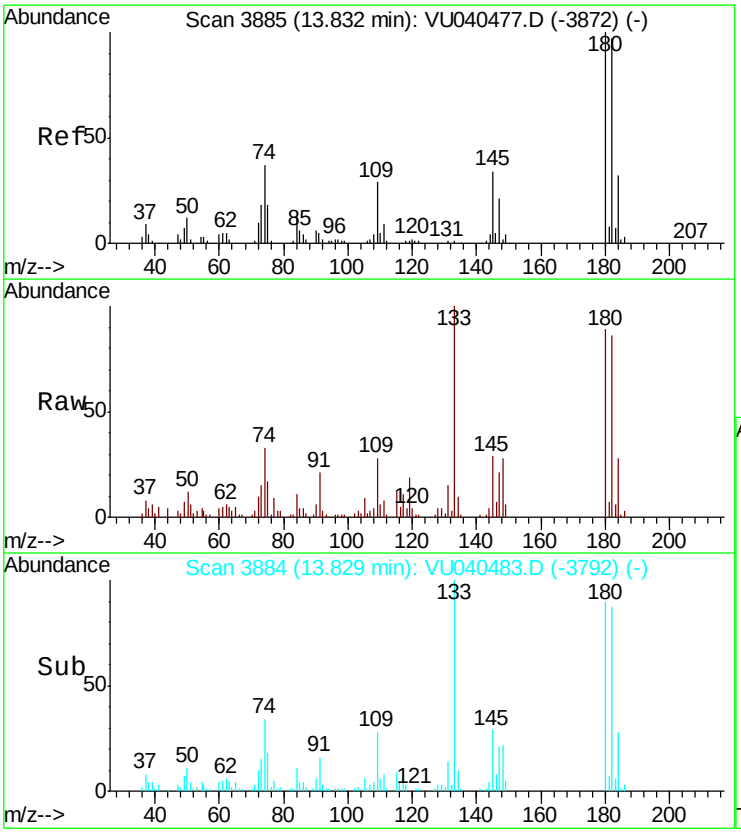
#67
1,3,5-Trichlorobenzene
Concen: 1.743 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. 0.62 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:180 Resp: 28359

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.5	114.7
184	30.1	24.6	37.0
145	36.1	25.8	38.8

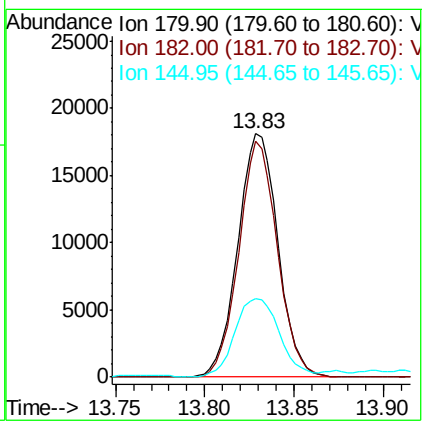


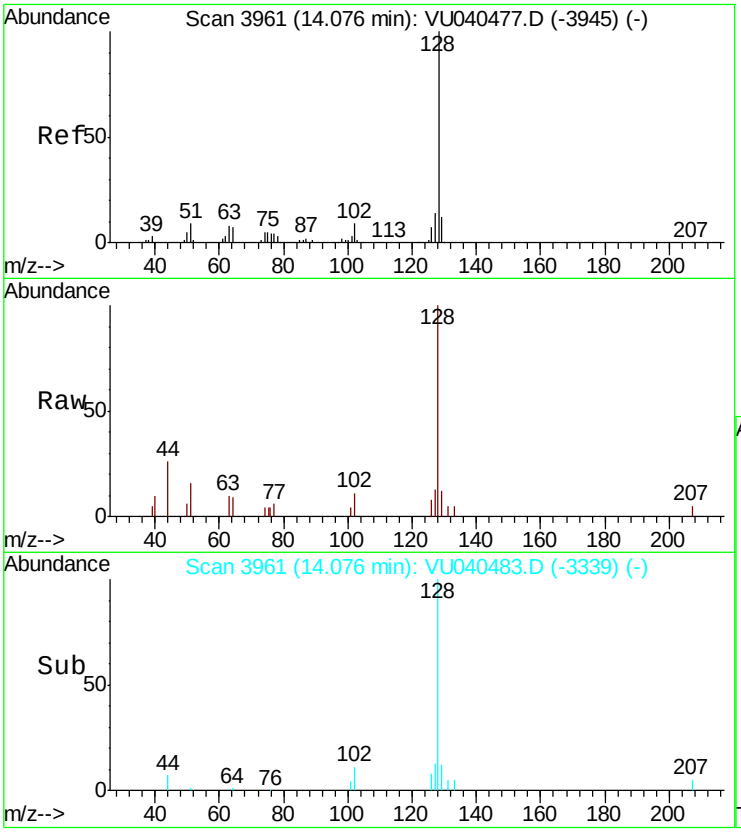


#68
1,2,4-trichlorobenzene
Concen: 2.169 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion:180 Resp: 28359

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.6	115.0
145	36.1	26.3	39.5



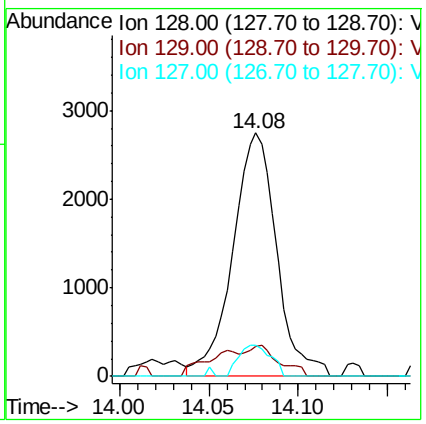


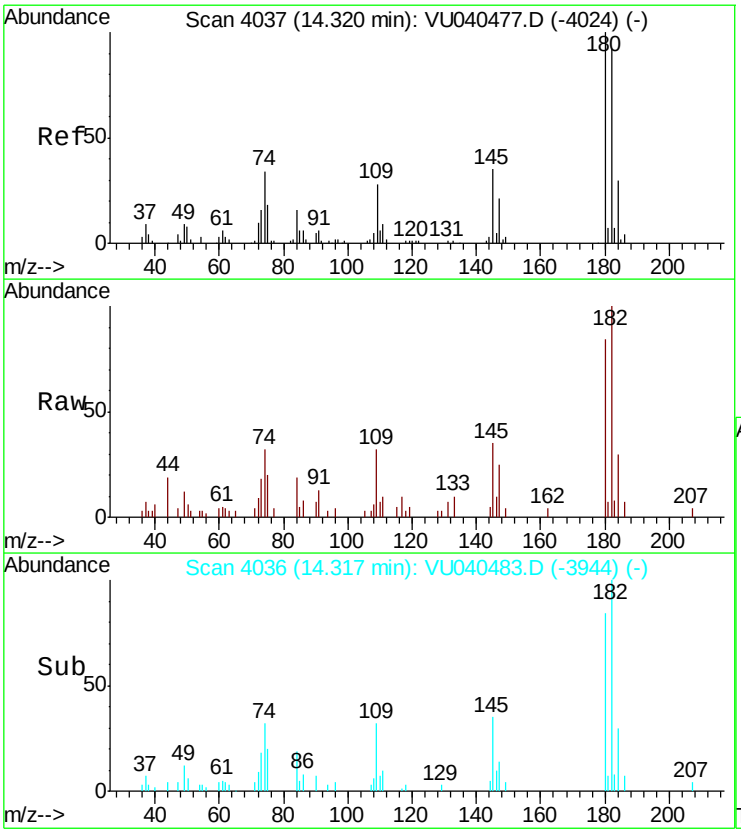
#69
Naphthalene
Concen: 0.211 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:128 Resp: 4722

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.2	12.4
127	9.4	10.2	15.4#





#70
1,2,3-Trichlorobenzene
Concen: 0.515 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion:180 Resp: 6162

Ion	Ratio	Lower	Upper
180	100		
182	102.1	76.6	115.0
145	46.1	27.8	41.6#