Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041286.D
Acq On : 17 Nov 2020 17:31
Operator : SY/MD
Sample : L4740-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB115

Quant Time: Nov 17 22:36:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	62568	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	69166	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27857	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	22564	4.90	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%				
7) Chloroethane-d5	1.92	69	20912	5.31	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%				
11) 1,1-Dichloroethene-d2	2.58	63	35043	3.69	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.80%				
20) 2-Butanone-d5	4.65	46	92504	48.75	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.50%				
24) Chloroform-d	5.08	84	48930	4.91	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%				
26) 1,2-Dichloroethane-d4	5.72	65	31958	4.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%				
32) Benzene-d6	5.74	84	84936	4.56	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%				
36) 1,2-Dichloropropane-d6	6.70	67	29848	4.64	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%				
41) Toluene-d8	7.91	98	69871	3.98	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%				
43) trans-1,3-Dichloropropene-	8.19	79	12561	4.54	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%				
46) 2-Hexanone-d5	8.64	63	65287	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	25533	4.10	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.00%				
64) 1,2-Dichlorobenzene-d4	12.19	152	30075	5.53	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.60%				
Target Compounds							Qvalue
3) Chloromethane	1.52	50	361	0.065	ug/L		95
5) Vinyl chloride	1.61	62	269	0.050	ug/L	#	1
6) Bromomethane	1.87	94	400	0.124	ug/L		94
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	220	0.048	ug/L	#	22
12) 1,1-Dichloroethene	2.58	96	399	0.098	ug/L	#	1
13) Acetone	2.66	43	9626	7.647	ug/L	#	63
14) Carbon disulfide	2.81	76	667	0.056	ug/L	#	74
21) 2-Butanone	4.74	43	2752	1.440	ug/L		82
22) cis-1,2-Dichloroethene	4.69	96	3519	0.786	ug/L		99
27) 1,2-Dichloroethane	5.75	62	574	0.083	ug/L	#	74
33) Benzene	5.79	78	799	0.043	ug/L		100
34) Trichloroethene	6.56	95	1381	0.273	ug/L		86
35) Methylcyclohexane	6.70	83	7400	1.100	ug/L	#	14
37) 1,2-Dichloropropane	6.70	63	3425	0.625	ug/L	#	86
39) cis-1,3-Dichloropropene	7.57	75	1000	0.131	ug/L	#	56
42) Toluene	7.98	91	1309	0.065	ug/L		91
44) trans-1,3-Dichloropropene	8.18	75	507	0.070	ug/L	#	74

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041286.D
Acq On : 17 Nov 2020 17:31
Operator : SY/MD
Sample : L4740-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB115

Quant Time: Nov 17 22:36:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.56	164	348	0.093	ug/L		89
48) 2-Hexanone	8.69	43	2089	0.617	ug/L	#	66
49) Dibromochloromethane	8.56	129	431	0.086	ug/L	#	11
53) m,p-Xylene	9.69	106	368	0.048	ug/L		92
59) 1,2,3-Trichloropropane	11.81	75	4113	0.952	ug/L		96

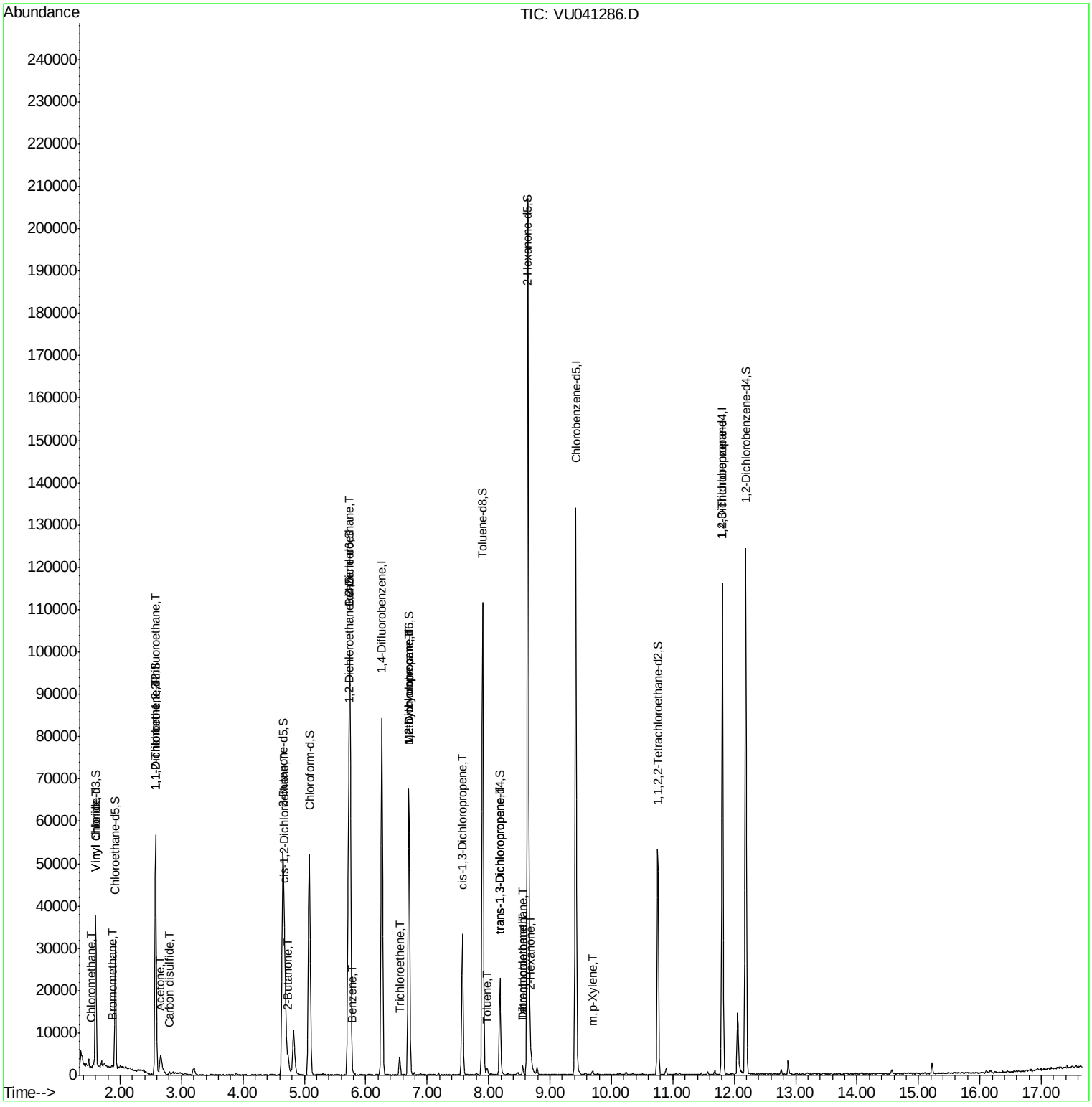
(#) = qualifier out of range (m) = manual integration (+) = signals summed

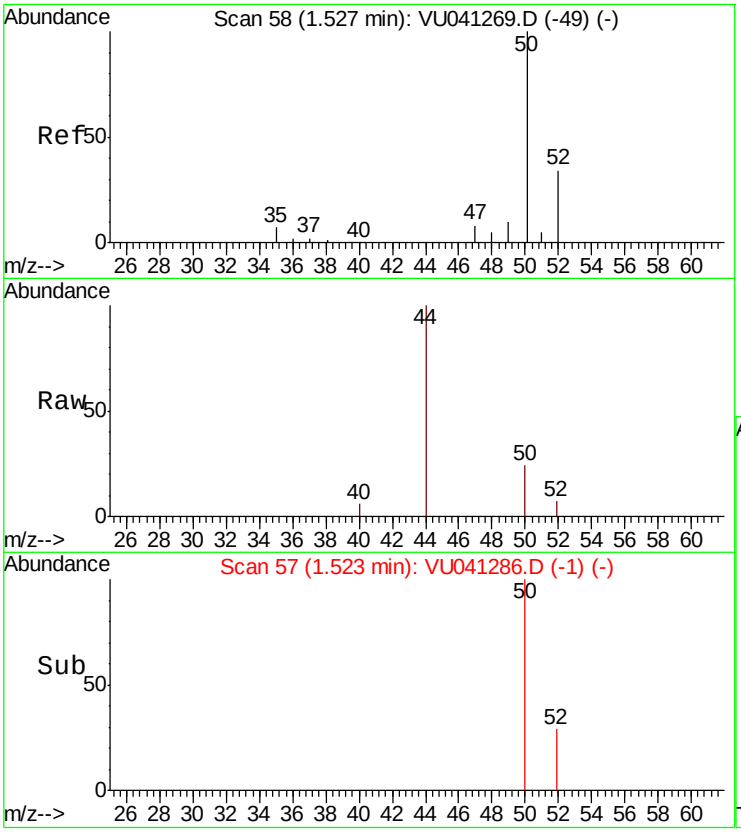
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041286.D
Acq On : 17 Nov 2020 17:31
Operator : SY/MD
Sample : L4740-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB115

Quant Time: Nov 17 22:36:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration



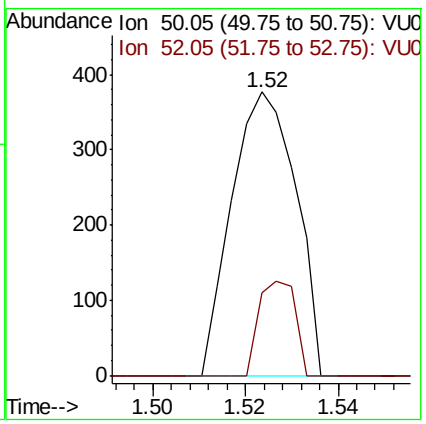


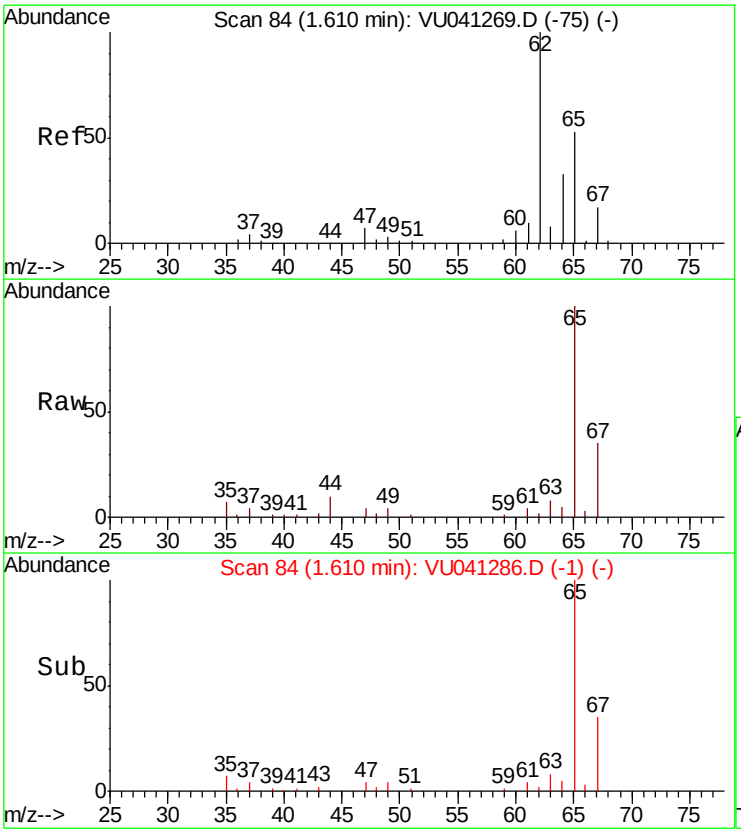
#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
GB115

Tgt Ion: 50 Resp: 361

Ion	Ratio	Lower	Upper
50	100		
52	29.2	22.4	41.6

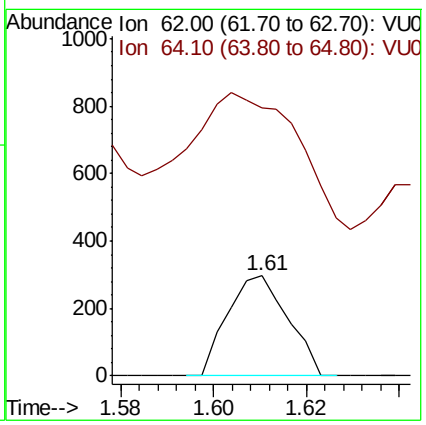


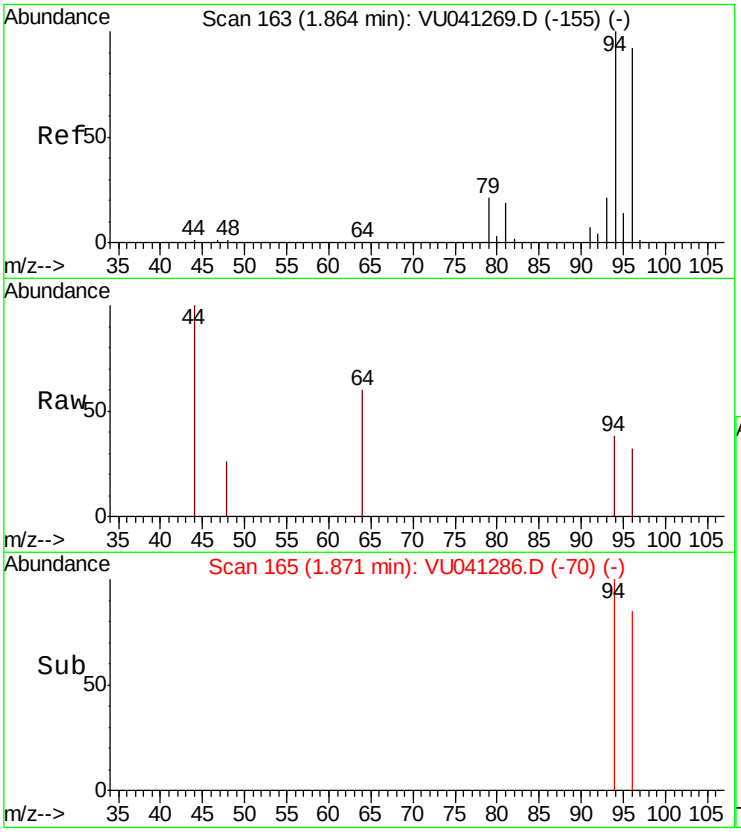


#5
Vinyl chloride
Concen: 0.050 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 62 Resp: 269

Ion	Ratio	Lower	Upper
62	100		
64	268.2	22.7	42.3#



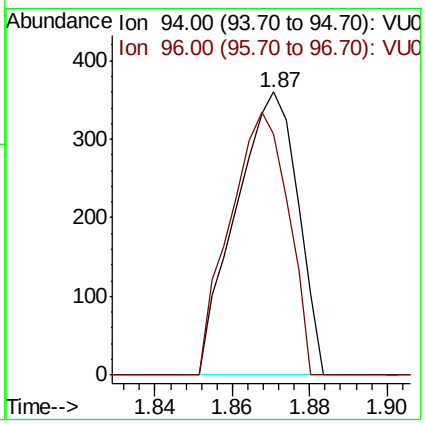


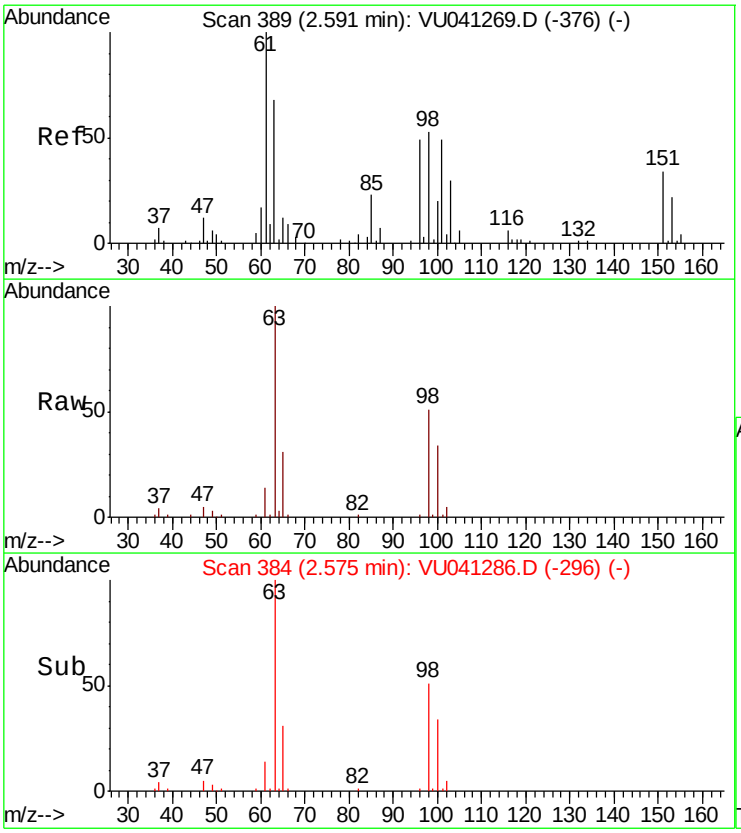
#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.87 min Scan# 165
Delta R.T. 0.01 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
GB115

Tgt Ion: 94 Resp: 400

Ion	Ratio	Lower	Upper
94	100		
96	85.0	63.5	117.9

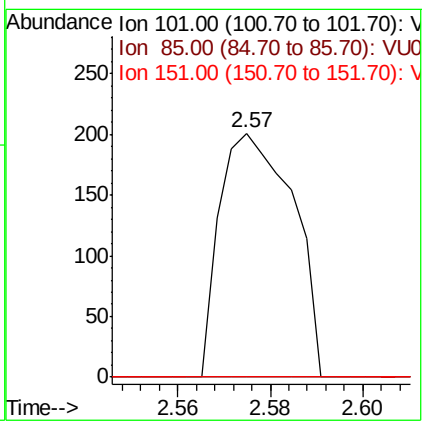


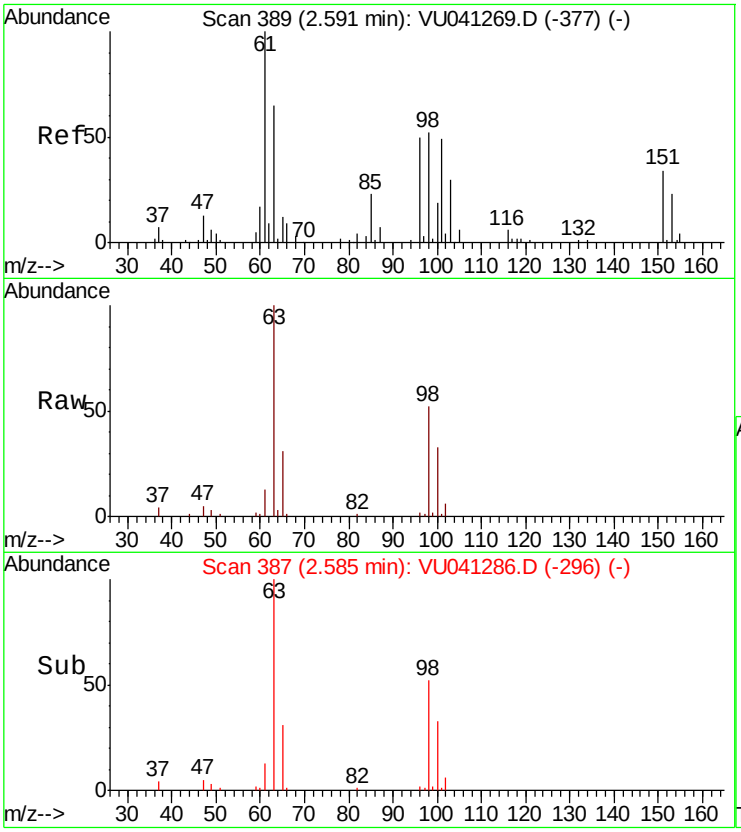


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion:101 Resp: 220

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



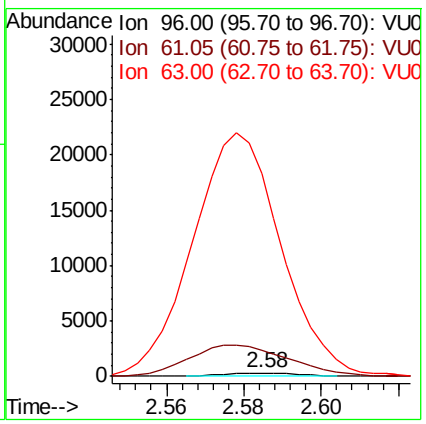


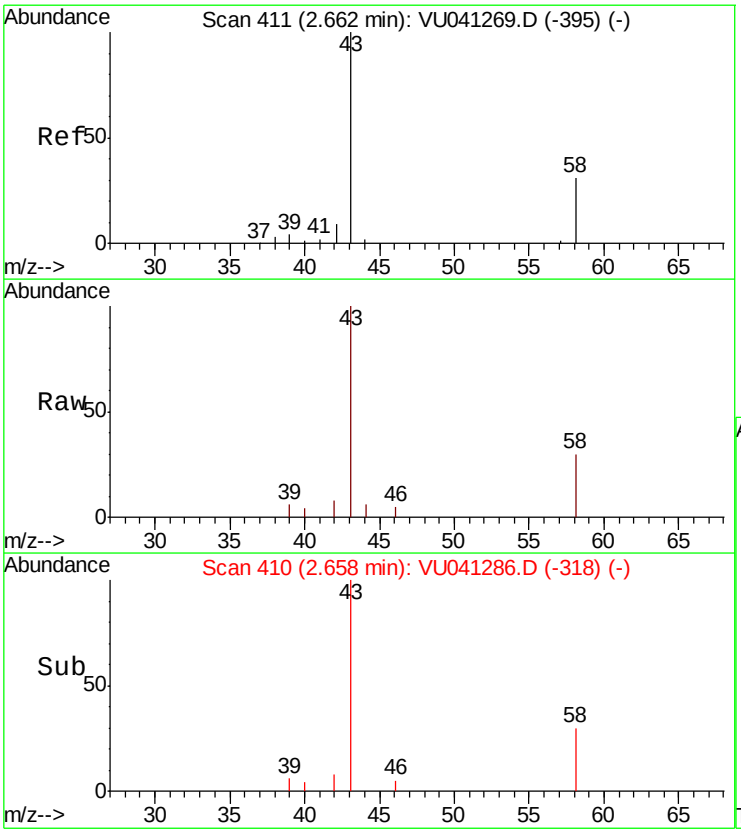
#12
1,1-Dichloroethene
Concen: 0.098 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument : MSVOA_U
ClientSampleId : GB115

Tgt Ion: 96 Resp: 399

Ion	Ratio	Lower	Upper
96	100		
61	726.9	134.3	249.5#
63	5720.0	95.0	176.4#

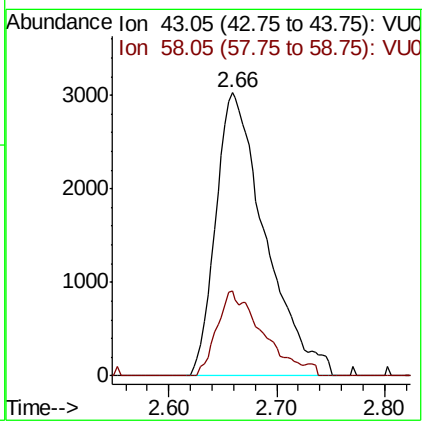


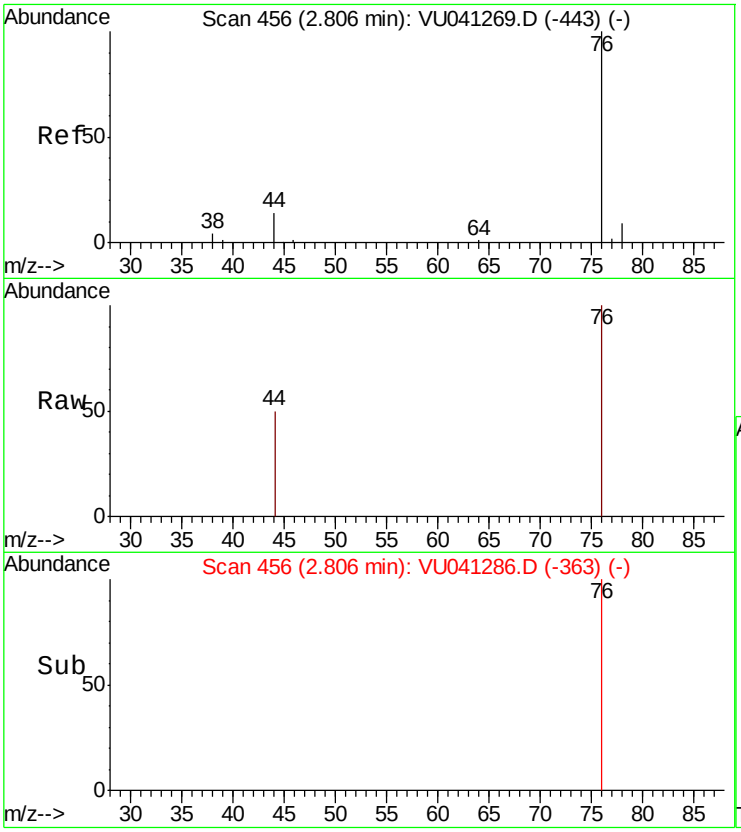


#13
Acetone
Concen: 7.647 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 43 Resp: 9626

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	25.4#



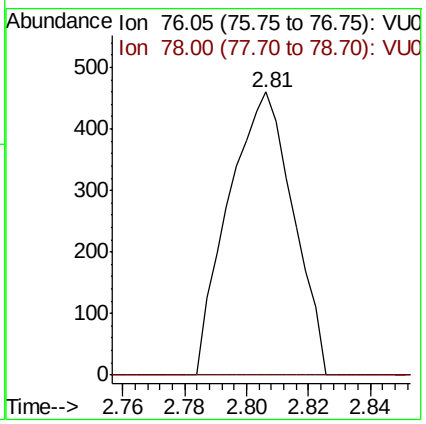


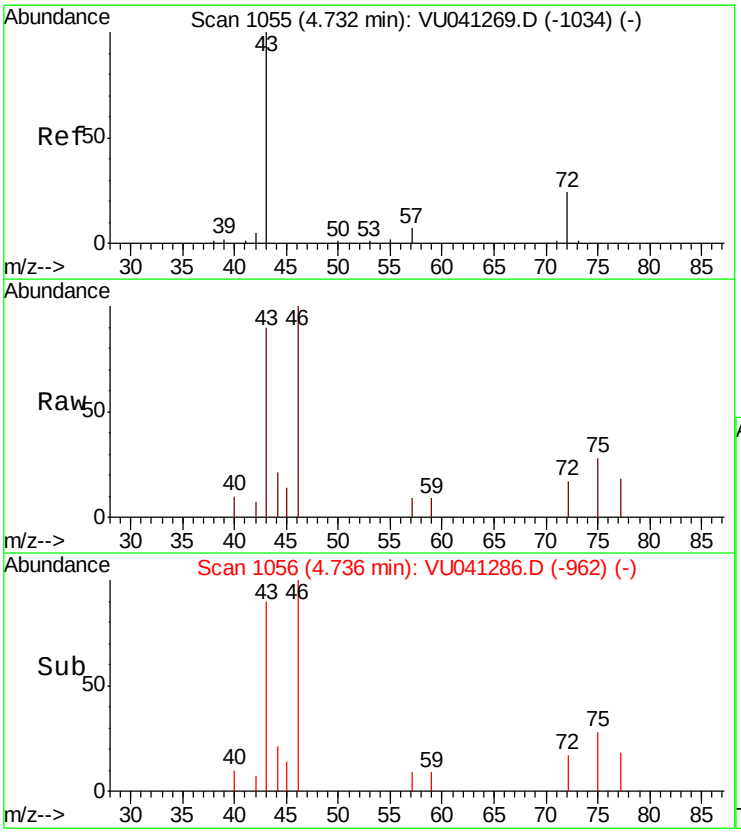
#14
Carbon disulfide
Concen: 0.056 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument : MSVOA_U
ClientSampleId : GB115

Tgt Ion: 76 Resp: 667

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

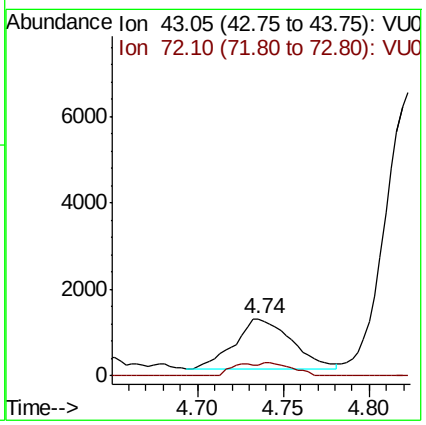


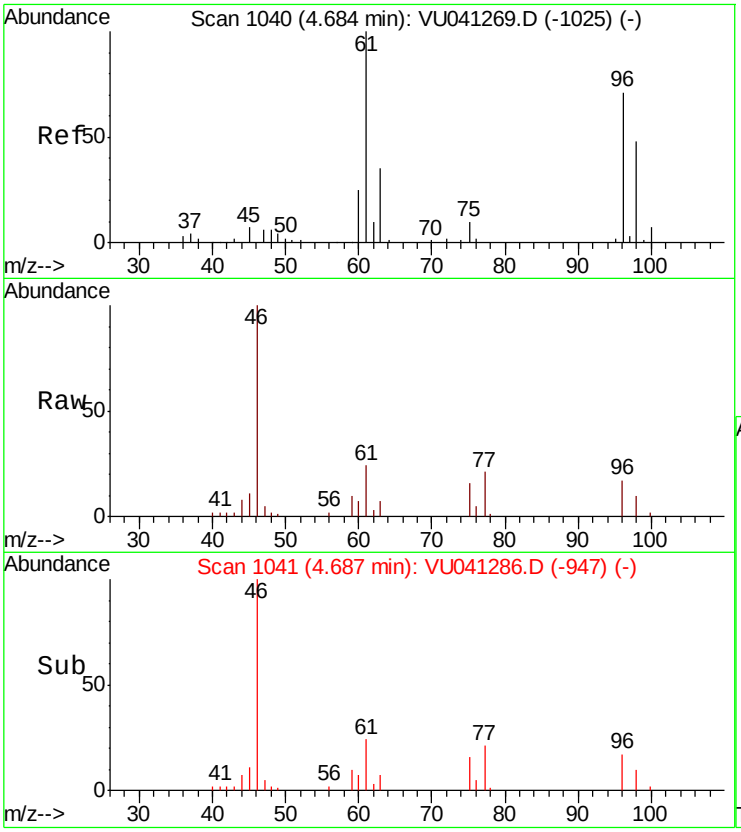


#21
2-Butanone
Concen: 1.440 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 43 Resp: 2752

Ion	Ratio	Lower	Upper
43	100		
72	14.9	11.8	35.4



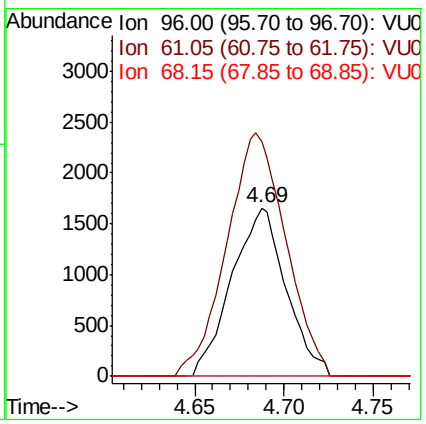


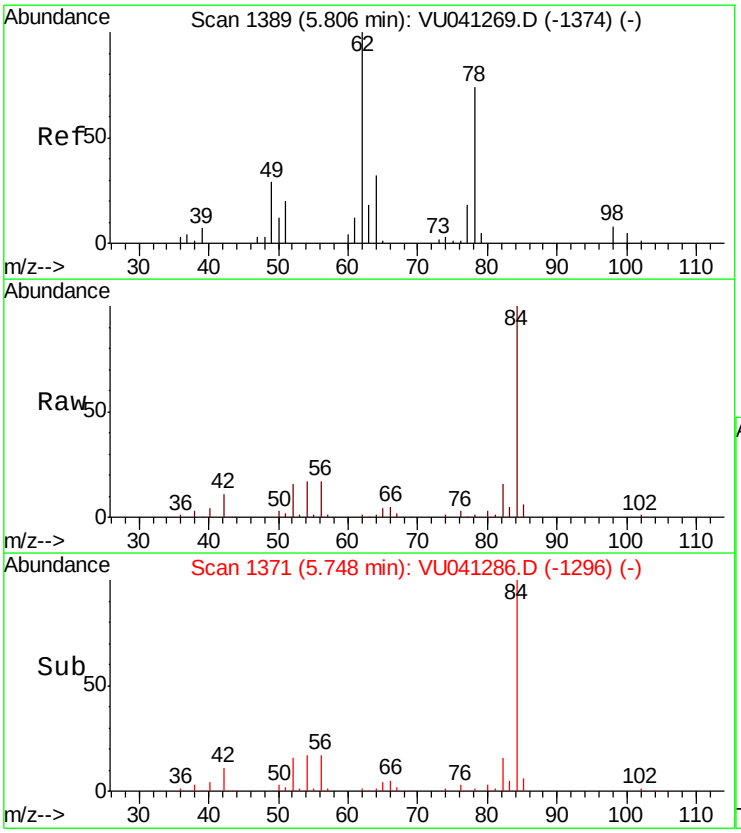
#22
cis-1,2-Dichloroethene
Concen: 0.786 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument : MSVOA_U
ClientSampleId : GB115

Tgt Ion: 96 Resp: 3519

Ion	Ratio	Lower	Upper
96	100		
61	139.6	97.2	180.4
68	0.0	0.0	0.0

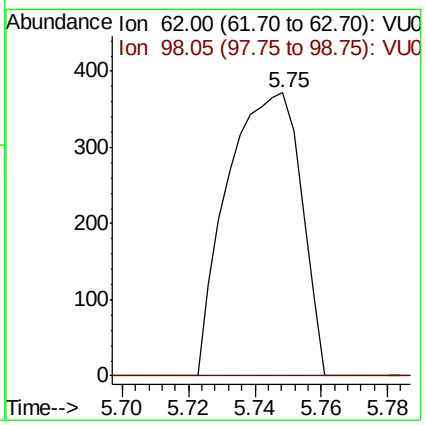


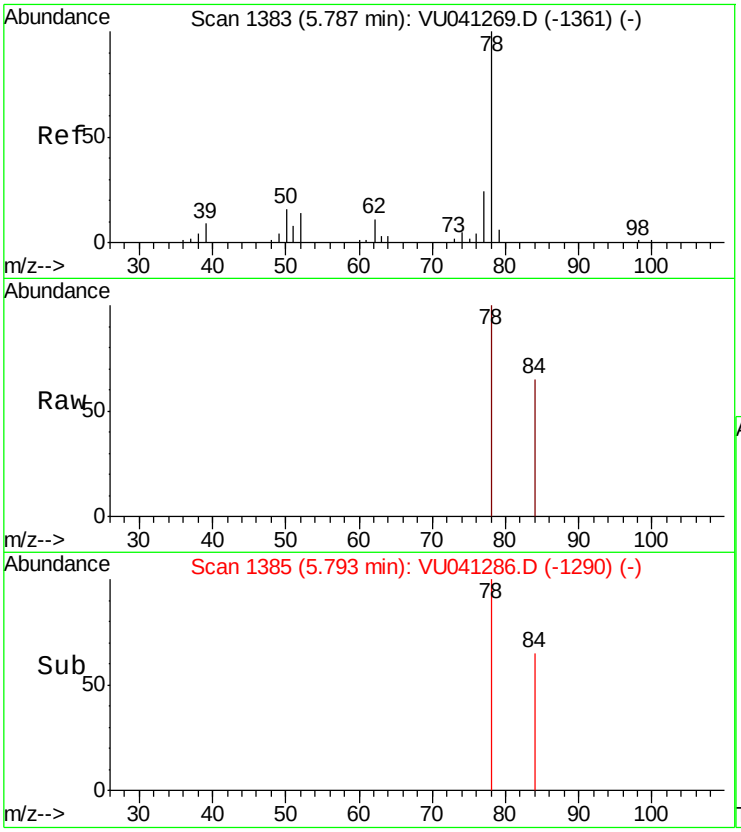


#27
1,2-Dichloroethane
Concen: 0.083 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 62 Resp: 574

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

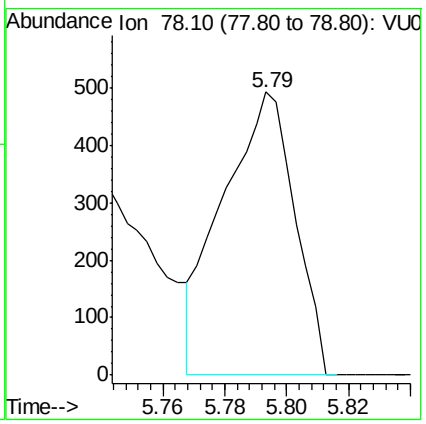


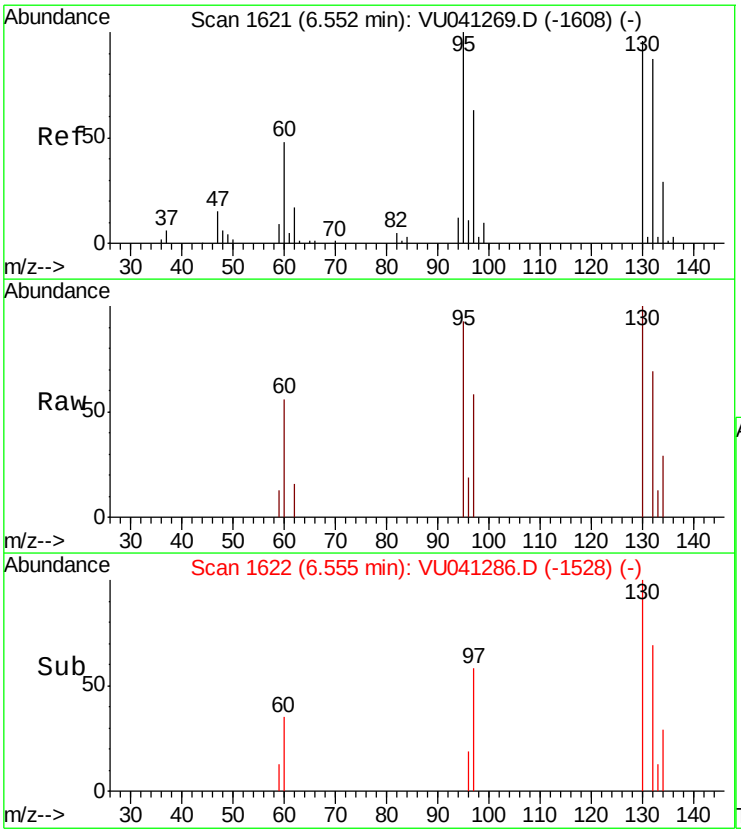


#33
Benzene
Concen: 0.043 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
GB115

Tgt Ion: 78 Resp: 799

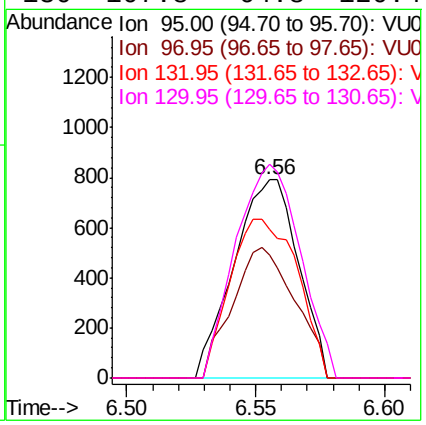


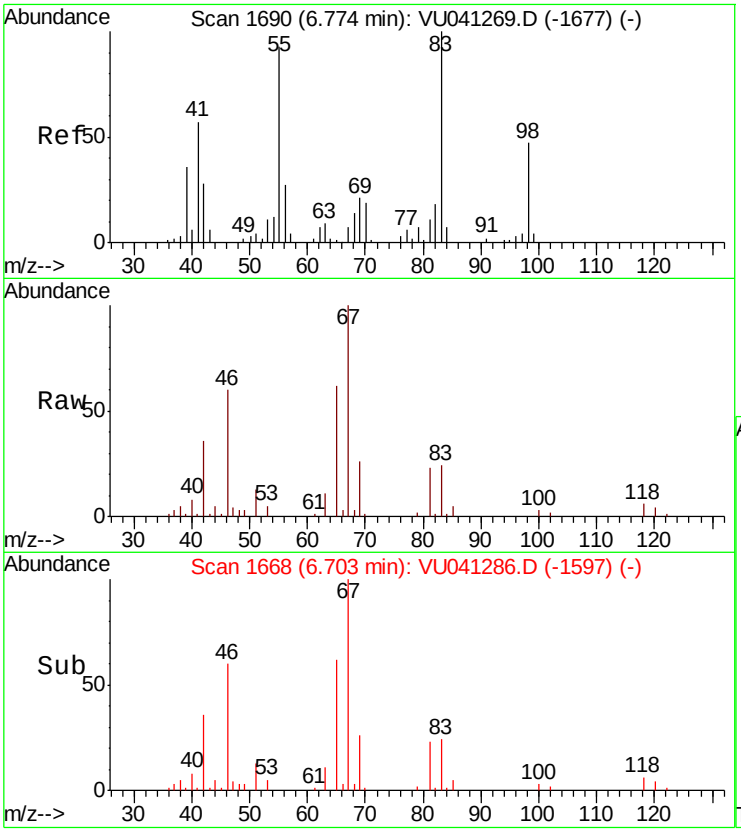


#34
Trichloroethene
Concen: 0.273 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 95 Resp: 1381

Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.6	84.6
132	74.8	64.8	120.4
130	107.8	64.8	120.4



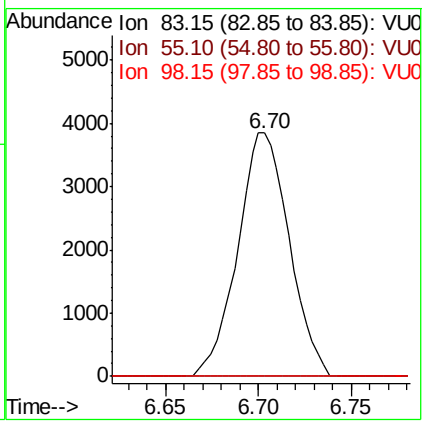


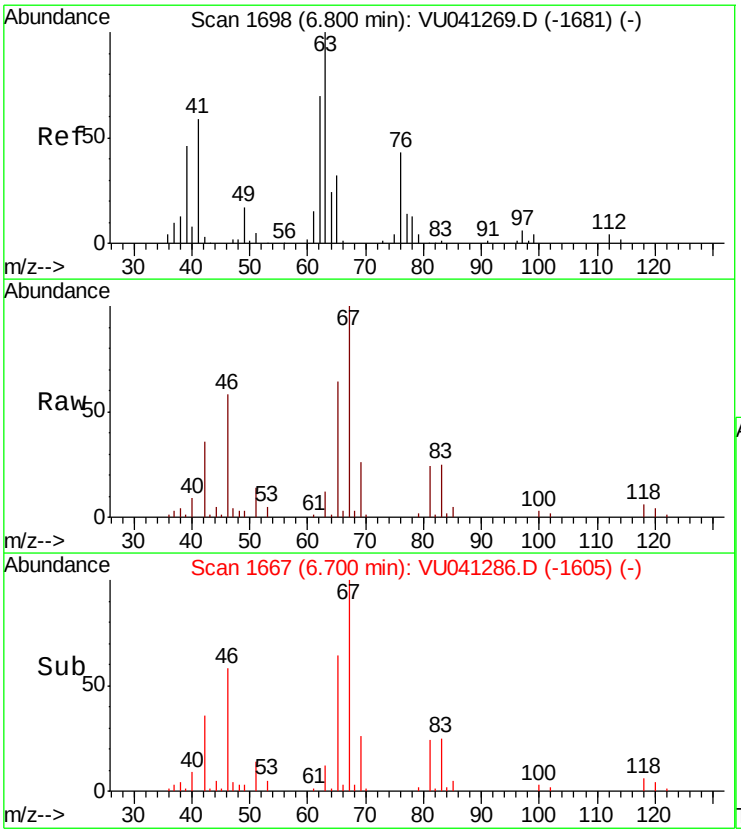
#35
Methylcyclohexane
Concen: 1.100 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument : MSVOA_U
ClientSampleId : GB115

Tgt Ion: 83 Resp: 7400

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	1.1	36.6	55.0#

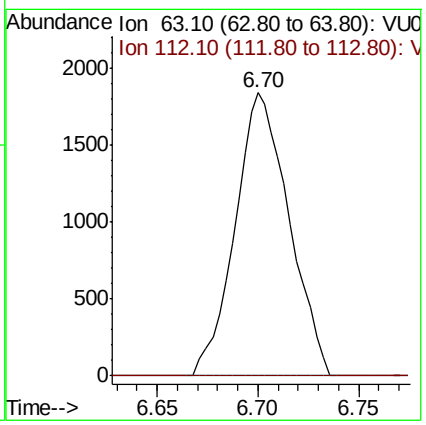


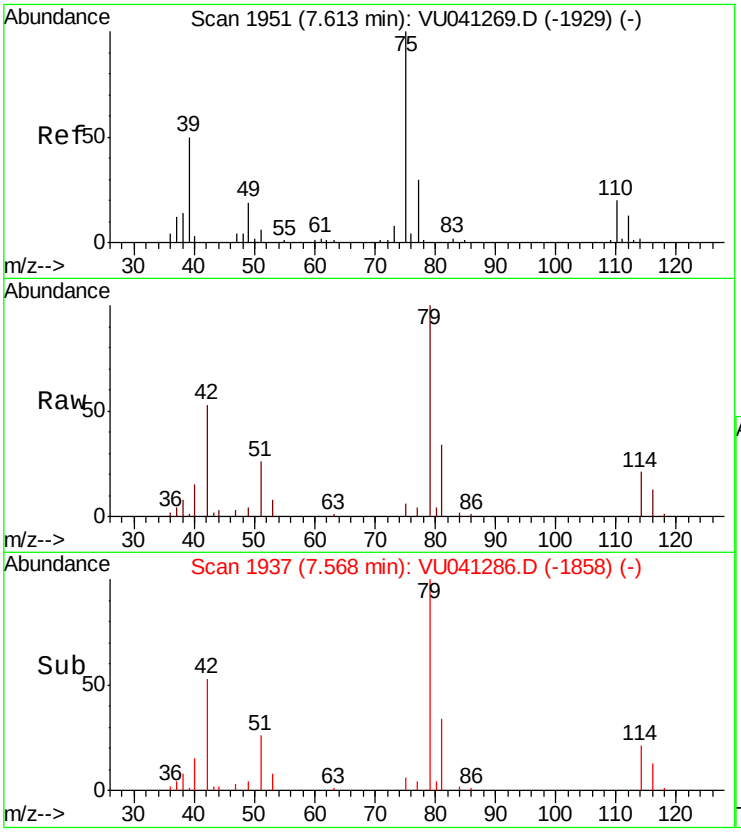


#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 63 Resp: 3425

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



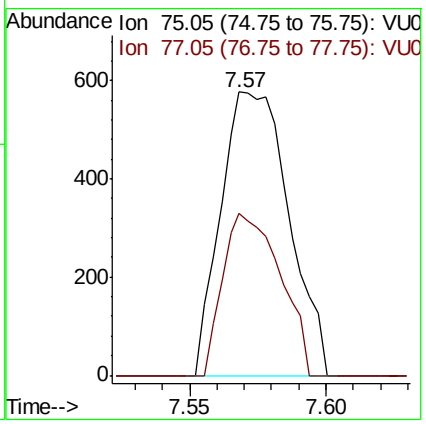


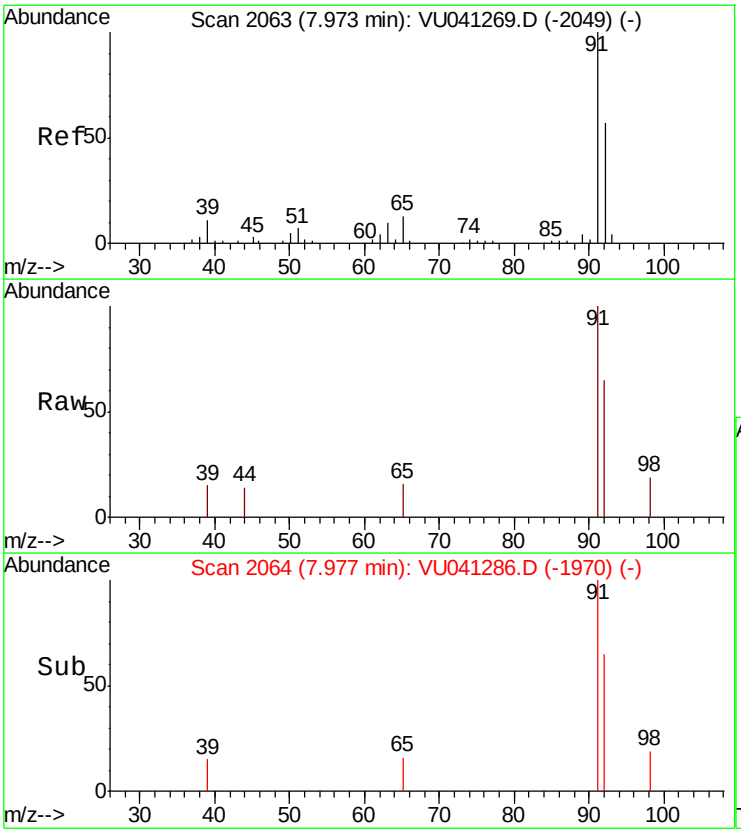
#39
cis-1,3-Dichloropropene
Concen: 0.131 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.04 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
GB115

Tgt Ion: 75 Resp: 1000

Ion	Ratio	Lower	Upper
75	100		
77	57.0	22.7	42.3#

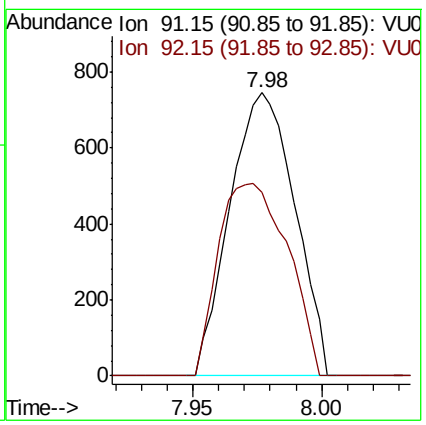


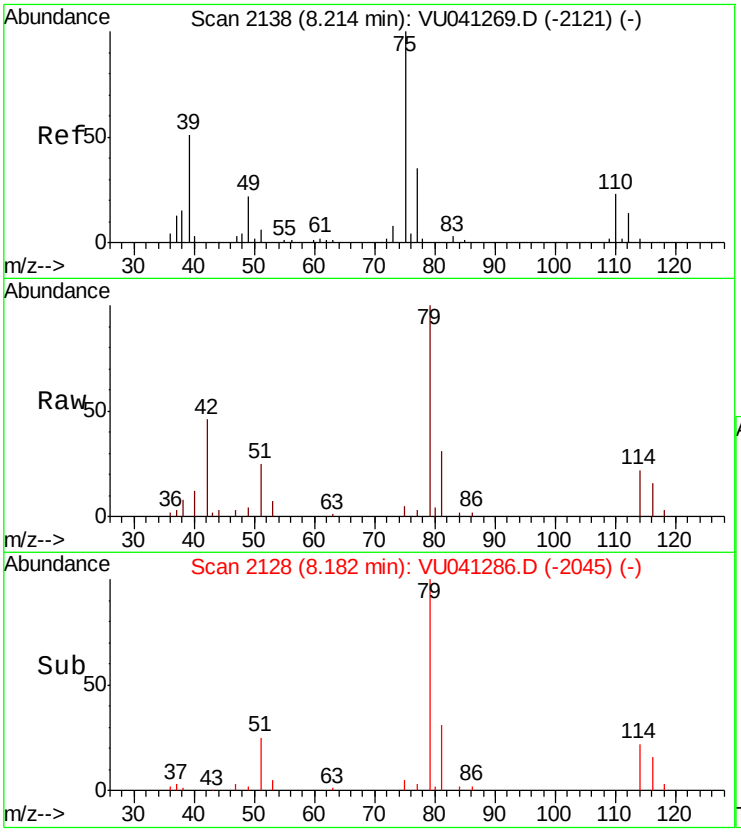


#42
Toluene
Concen: 0.065 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 91 Resp: 1309

Ion	Ratio	Lower	Upper
91	100		
92	64.8	40.6	75.4



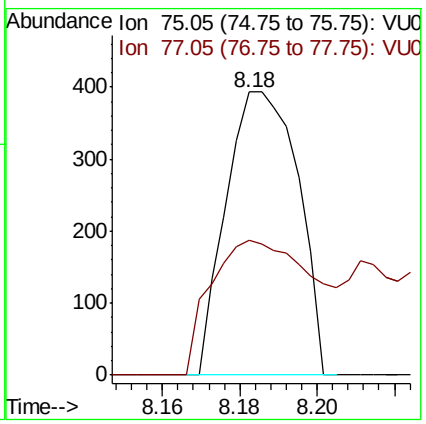


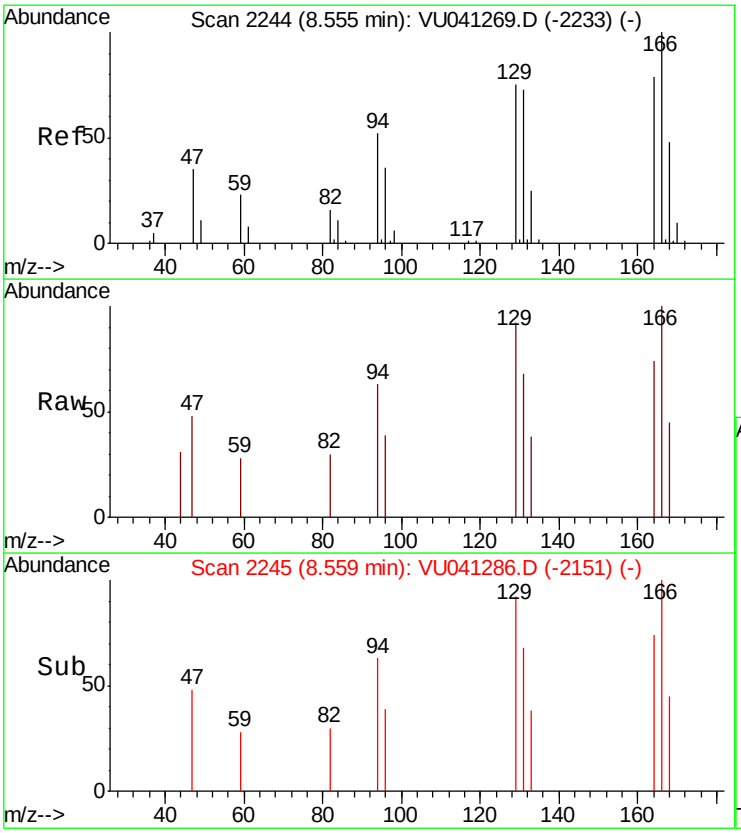
#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument : MSVOA_U
ClientSampleId : GB115

Tgt Ion: 75 Resp: 507

Ion	Ratio	Lower	Upper
75	100		
77	47.8	23.3	43.3#

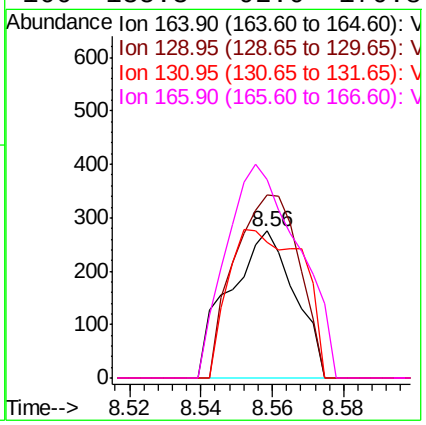


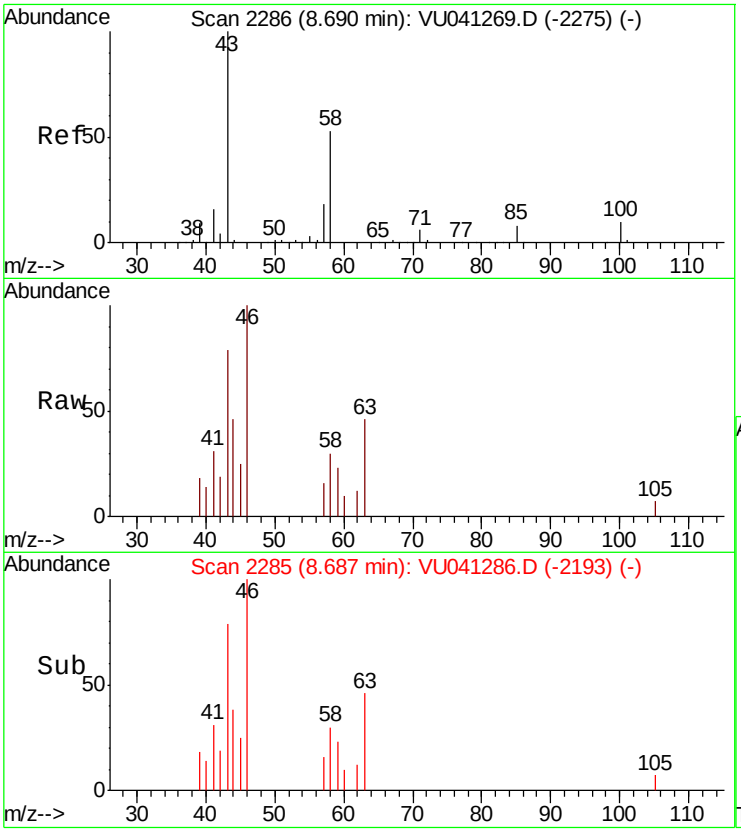


#47
Tetrachloroethene
Concen: 0.093 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion:164 Resp: 348

Ion	Ratio	Lower	Upper
164	100		
129	124.7	70.3	130.7
131	92.0	70.8	131.4
166	135.3	92.0	170.8



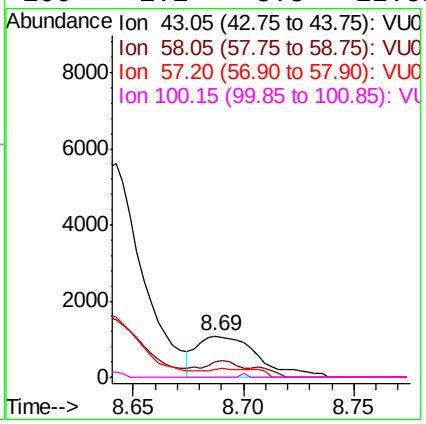


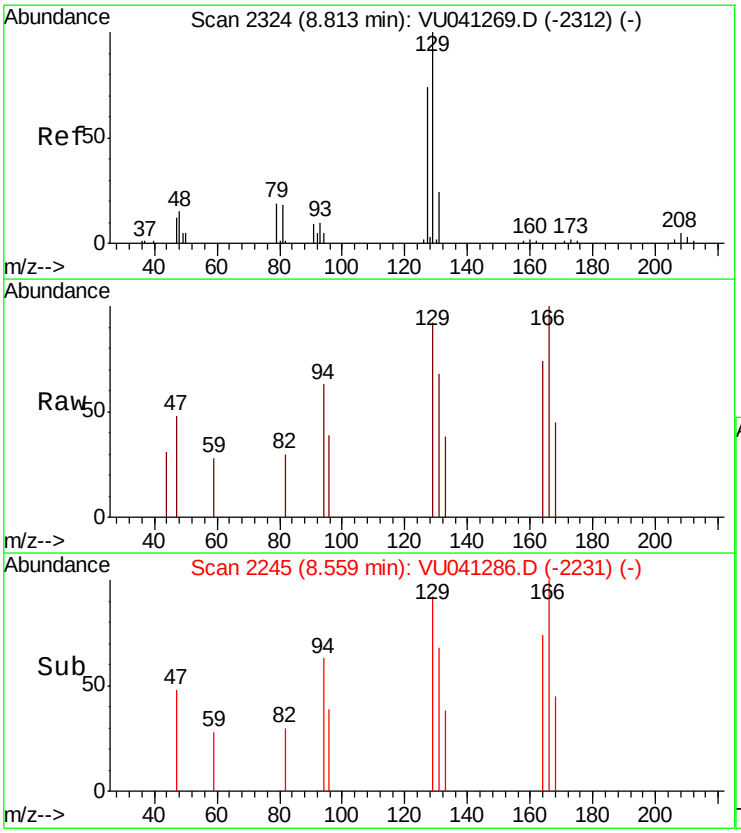
#48
2-Hexanone
Concen: 0.617 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument : MSVOA_U
ClientSampleId : GB115

Tgt Ion: 43 Resp: 2089

Ion	Ratio	Lower	Upper
43	100		
58	28.9	41.4	62.2#
57	0.0	14.6	21.8#
100	1.1	8.3	12.5#

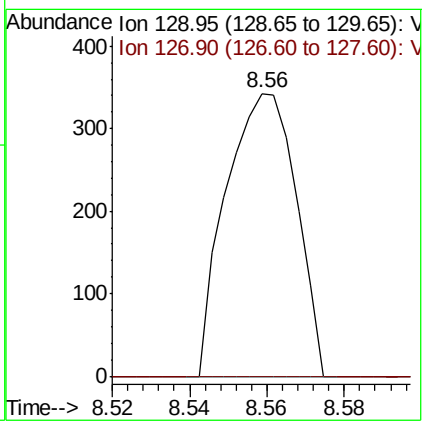


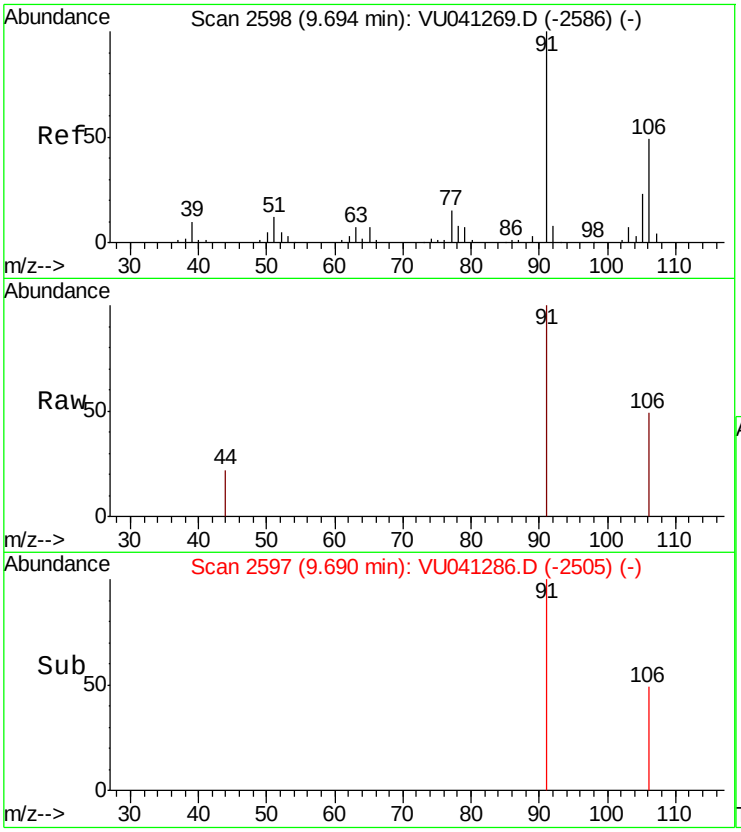


#49
Dibromochloromethane
Concen: 0.086 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion:129 Resp: 431

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#



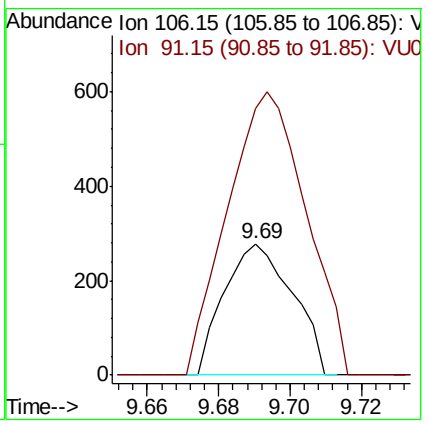


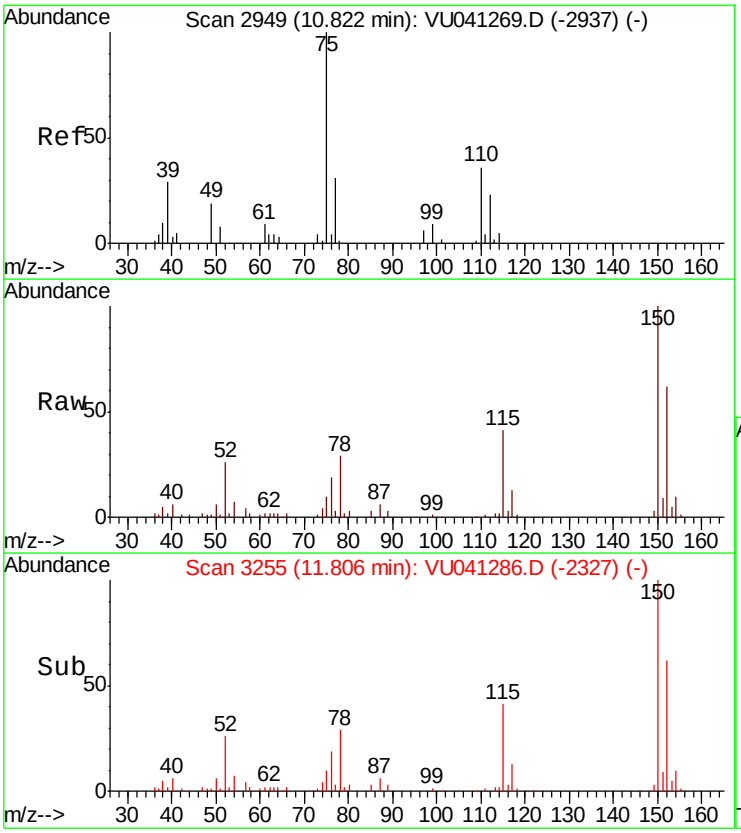
#53
m,p-Xylene
Concen: 0.048 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
GB115

Tgt Ion:106 Resp: 368

Ion	Ratio	Lower	Upper
106	100		
91	203.2	150.9	280.3





#59
1,2,3-Trichloropropane
Concen: 0.952 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 75 Resp: 4113

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.7	38.5