Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041145.D
Acq On : 09 Nov 2020 16:55
Operator : SY/MD
Sample : L4646-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6

Quant Time: Nov 10 01:13:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31123	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16018	3.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.20%			
7) Chloroethane-d5	1.92	69	16701	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.58	63	26733	2.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.00%#			
20) 2-Butanone-d5	4.65	46	93683	55.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.60%			
24) Chloroform-d	5.08	84	42388	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.73	65	26984	4.79	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.75	84	77220	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.70	67	26480	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.91	98	69793	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	8.19	79	12111	5.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.40%			
46) 2-Hexanone-d5	8.64	63	68803	55.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.12%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25212	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	29752	5.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.00%			
Target Compounds						Qvalue
3) Chloromethane	1.49	50	8996	1.543	ug/L #	69
5) Vinyl chloride	1.61	62	1378	0.240	ug/L #	1
8) Chloroethane	2.00	64	1648	0.452	ug/L	99
13) Acetone	2.61	43	49918	43.099	ug/L	82
15) Methyl Acetate	3.06	43	790235	298.178	ug/L #	53
16) Methylene chloride	3.00	84	3991	0.792	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	752	0.068	ug/L #	1
19) 1,1-Dichloroethane	3.85	63	905	0.103	ug/L #	1
21) 2-Butanone	4.67	43	13732	7.586	ug/L #	54
22) cis-1,2-Dichloroethene	4.69	96	14223	3.137	ug/L	97
25) Chloroform	5.15	83	18458	2.094	ug/L #	56
27) 1,2-Dichloroethane	5.82	62	481113	73.298	ug/L #	83
30) Cyclohexane	5.41	56	797496	107.626	ug/L	98
34) Trichloroethene	6.59	95	3106	0.664	ug/L #	18
35) Methylcyclohexane	6.77	83	132259	18.962	ug/L	90
37) 1,2-Dichloropropane	6.77	63	2066	0.416	ug/L	98
38) Bromodichloromethane	7.13	83	586	0.091	ug/L #	26

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041145.D
Acq On : 09 Nov 2020 16:55
Operator : SY/MD
Sample : L4646-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T6

Quant Time: Nov 10 01:13:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) cis-1,3-Dichloropropene	7.58	75	1089	0.159	ug/L	#	58
42) Toluene	7.98	91	193095	10.364	ug/L		99
44) trans-1,3-Dichloropropene	8.18	75	594	0.093	ug/L	#	1
45) 1,1,2-Trichloroethane	8.38	97	6110	1.651	ug/L	#	15
52) Ethylbenzene	9.57	91	421658	21.500	ug/L		100
53) m,p-Xylene	9.70	106	1096279	153.273	ug/L		99
54) o-Xylene	10.10	106	16296	2.446	ug/L		95
55) Styrene	10.10	104	1093	0.092	ug/L	#	1
56) Isopropylbenzene	10.48	105	409406	22.856	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.85	83	980	0.202	ug/L	#	48
59) 1,2,3-Trichloropropane	10.91	75	5149	1.390	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.97	75	1026	1.181	ug/L	#	7
69) Naphthalene	14.08	128	35227	3.785	ug/L		99

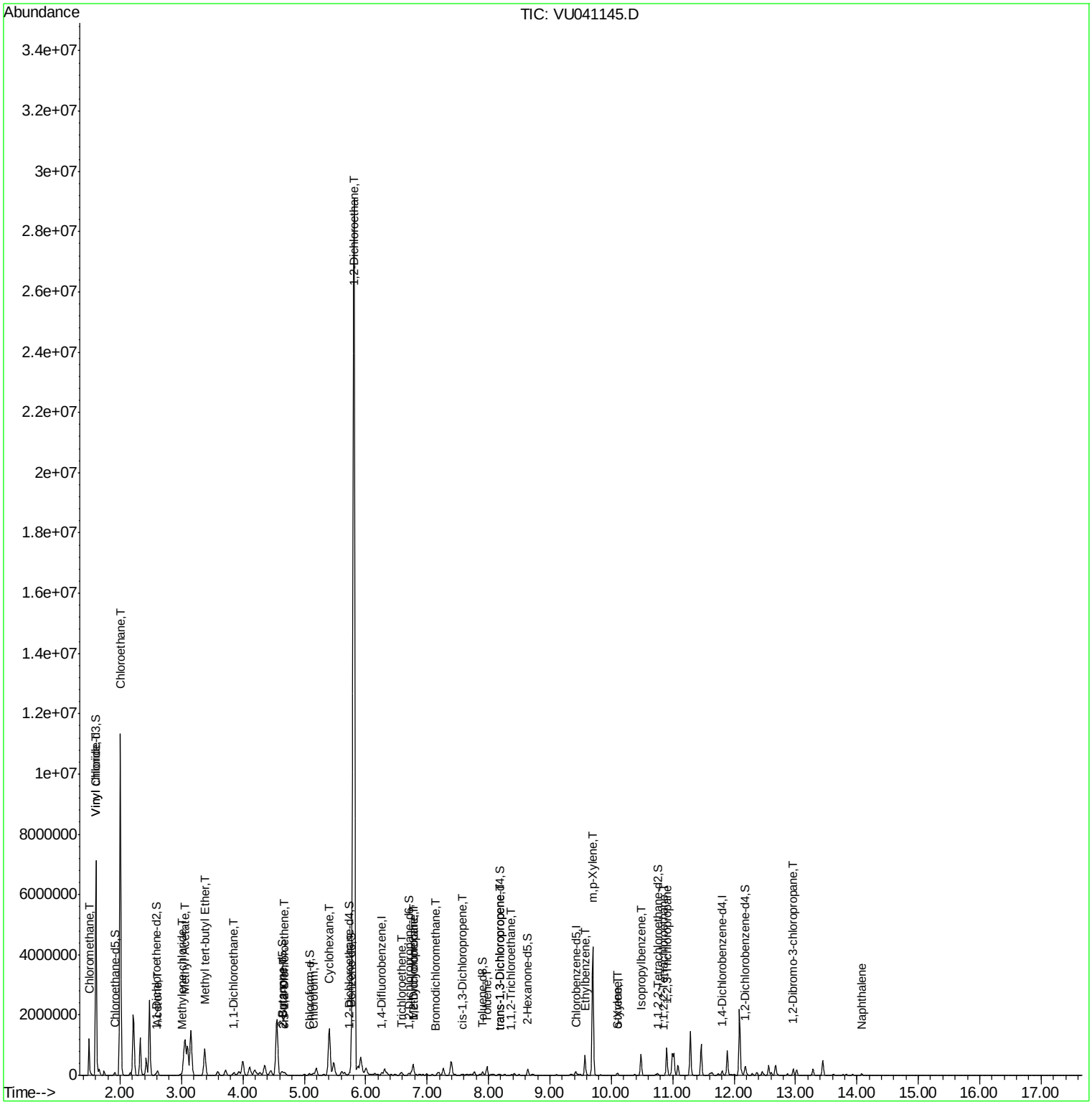
(#) = qualifier out of range (m) = manual integration (+) = signals summed

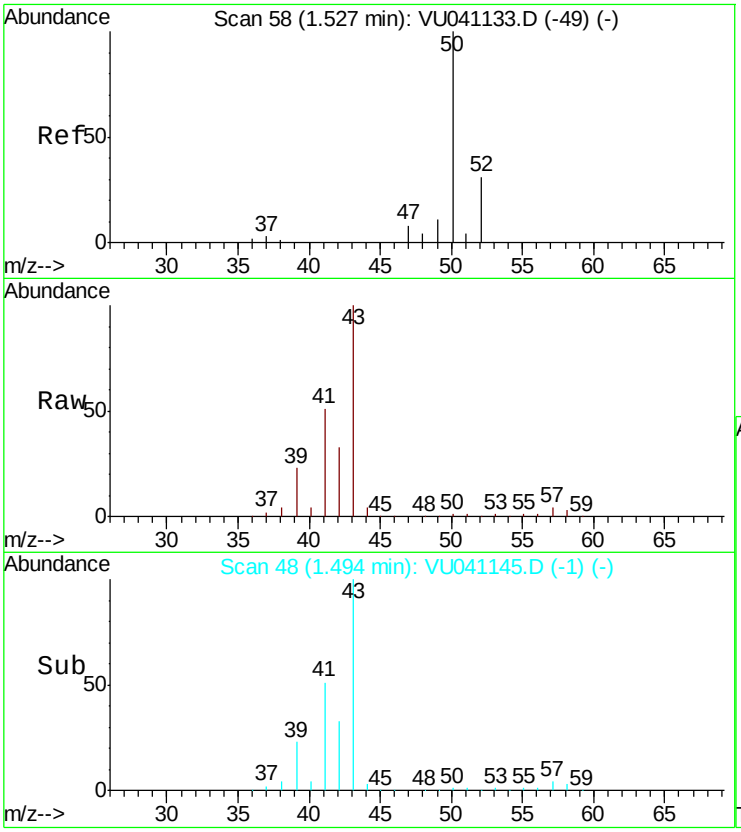
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
Data File : VU041145.D
Acq On : 09 Nov 2020 16:55
Operator : SY/MD
Sample : L4646-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Quant Time: Nov 10 01:13:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration



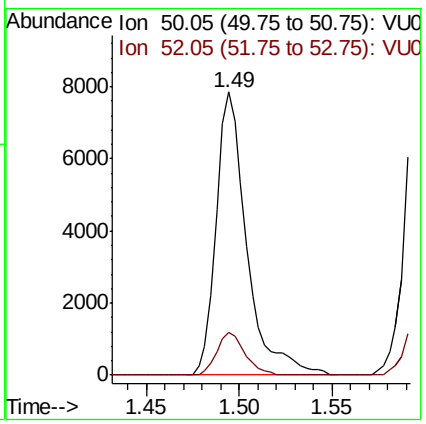


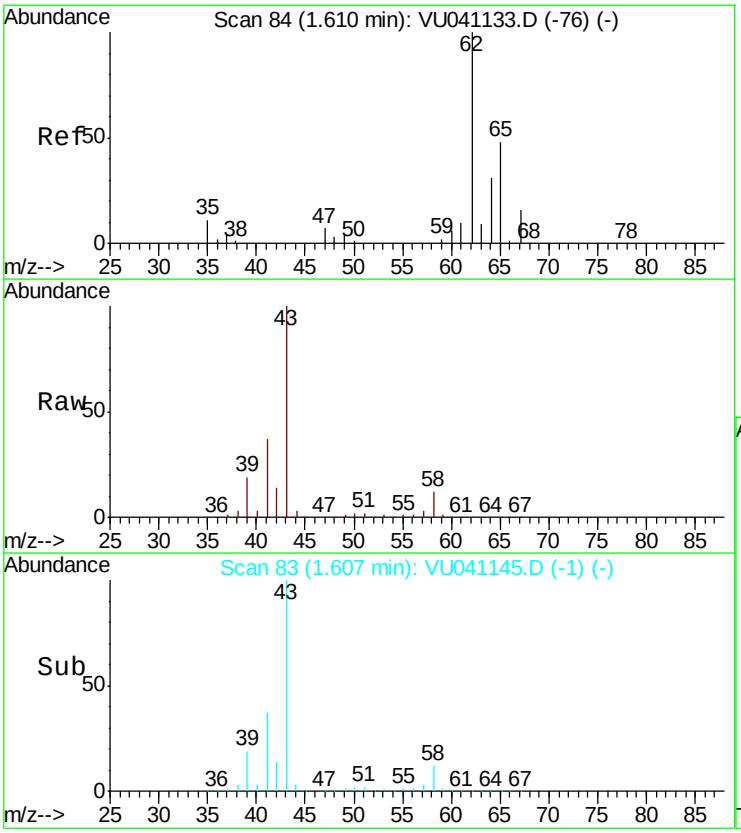
#3
Chloromethane
Concen: 1.543 ug/L
RT: 1.49 min Scan# 48
Delta R.T. -0.03 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Tgt Ion: 50 Resp: 8996

Ion	Ratio	Lower	Upper
50	100		
52	14.9	22.4	41.6#

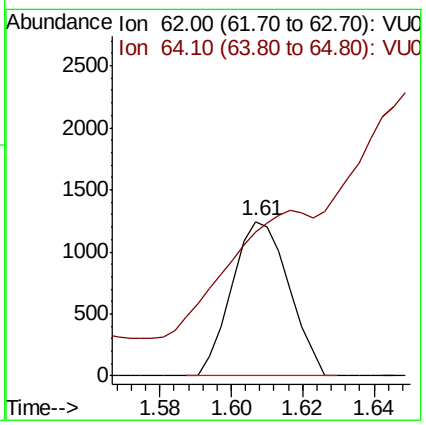


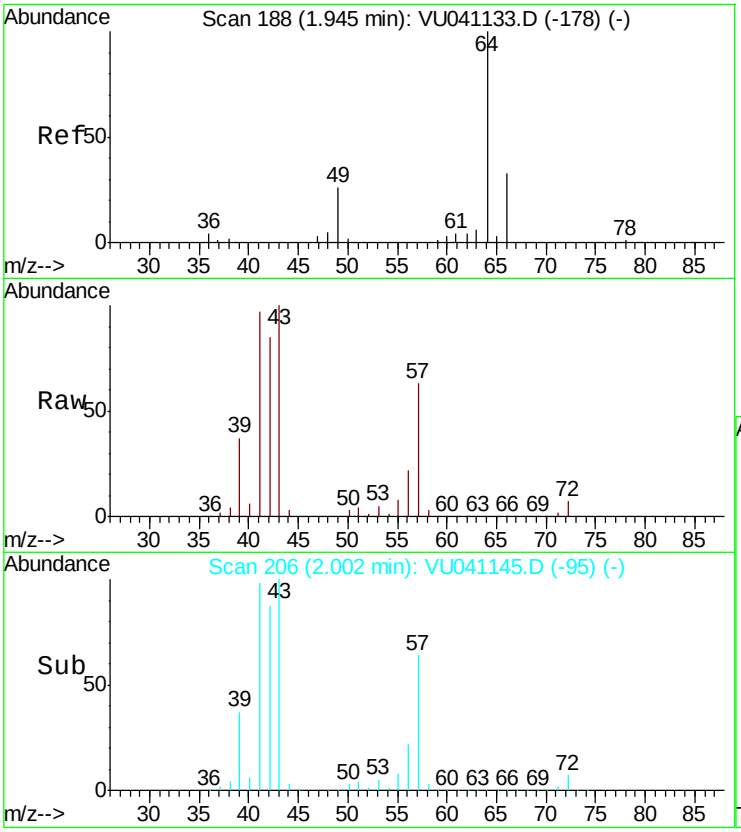


#5
Vinyl chloride
Concen: 0.240 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 62 Resp: 1378

Ion	Ratio	Lower	Upper
62	100		
64	93.6	22.7	42.3#



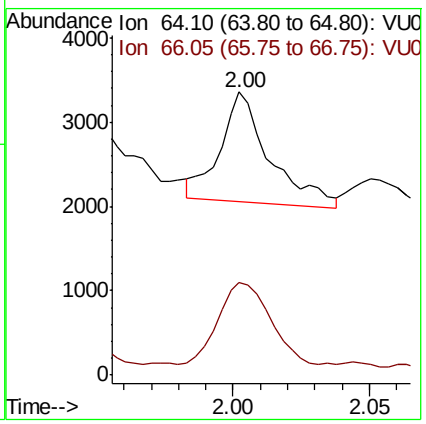


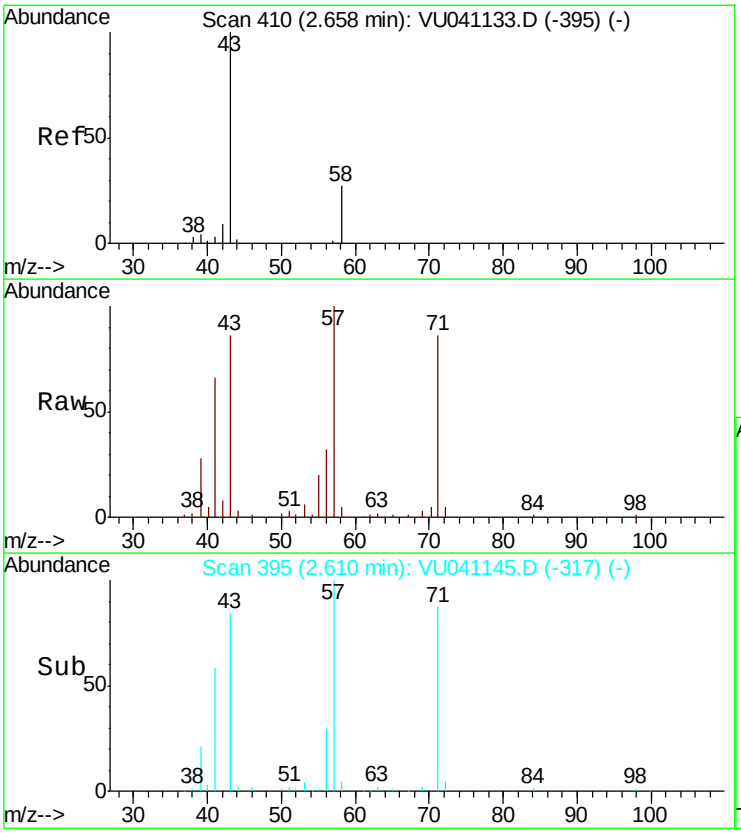
#8
Chloroethane
Concen: 0.452 ug/L
RT: 2.00 min Scan# 206
Delta R.T. 0.06 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Tgt Ion: 64 Resp: 1648

Ion	Ratio	Lower	Upper
64	100		
66	32.7	22.3	41.5

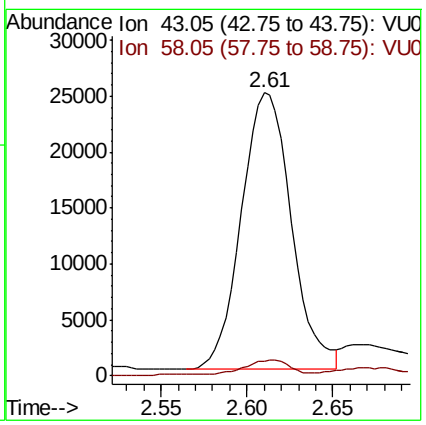


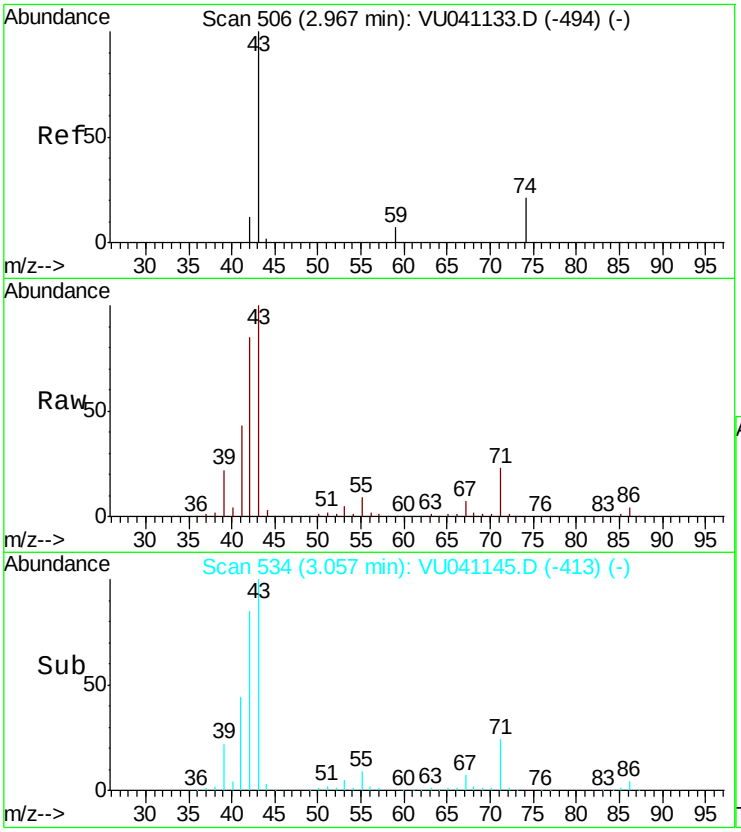


#13
Acetone
Concen: 43.099 ug/L
RT: 2.61 min Scan# 395
Delta R.T. -0.05 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 43 Resp: 49918

Ion	Ratio	Lower	Upper
43	100		
58	5.4	0.0	25.4



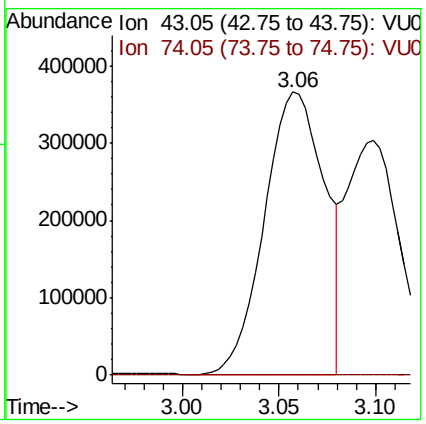


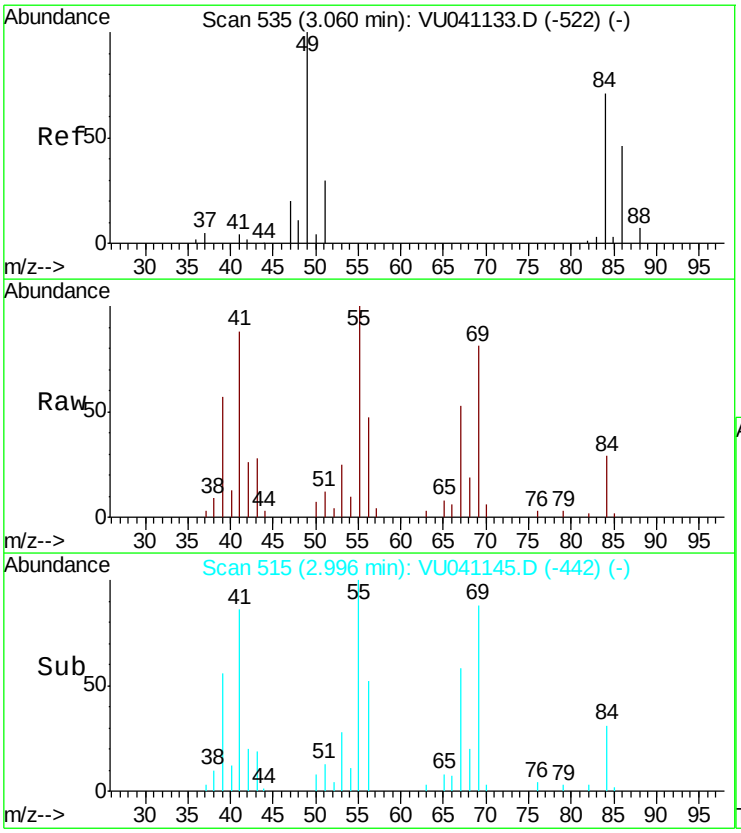
#15
Methyl Acetate
Concen: 298.178 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.09 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion: 43 Resp: 790235

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#

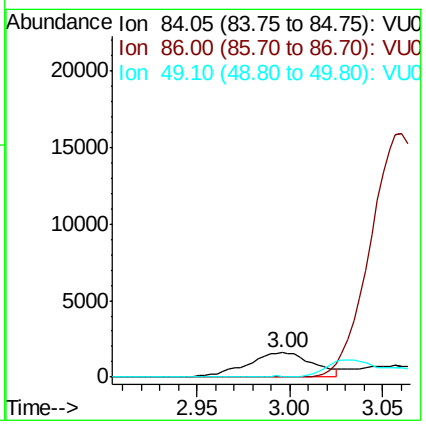


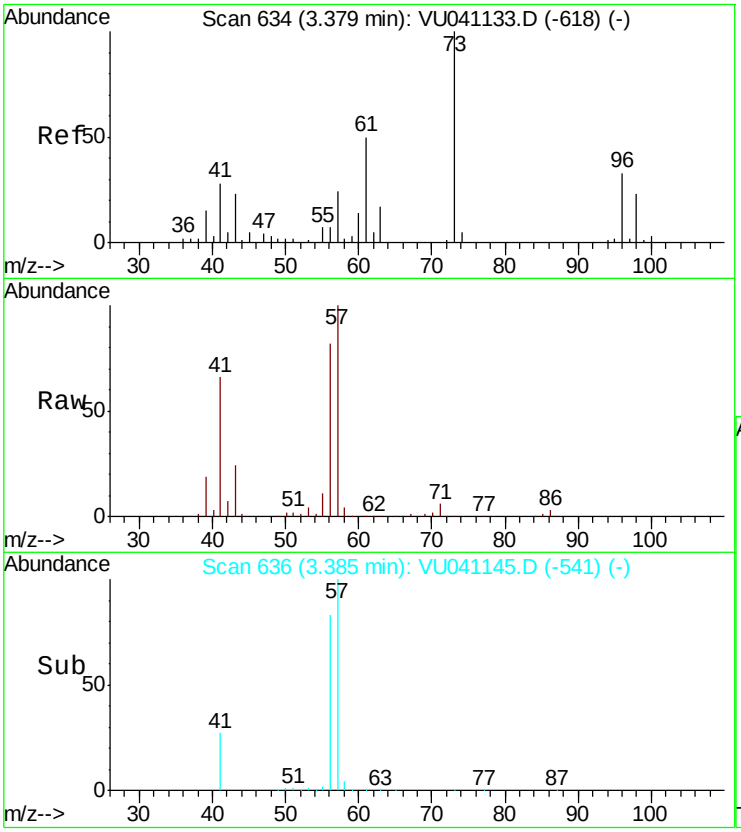


#16
Methylene chloride
Concen: 0.792 ug/L
RT: 3.00 min Scan# 515
Delta R.T. -0.06 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 84 Resp: 3991

Ion	Ratio	Lower	Upper
84	100		
86	0.0	42.8	79.6#
49	0.0	99.5	184.7#



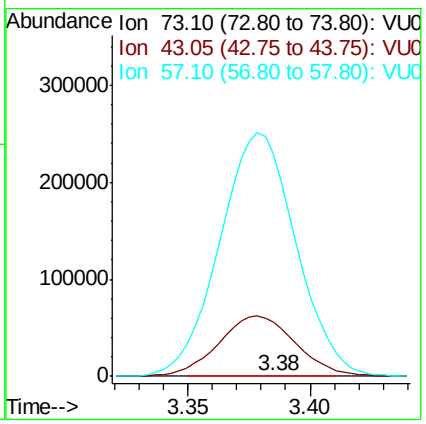


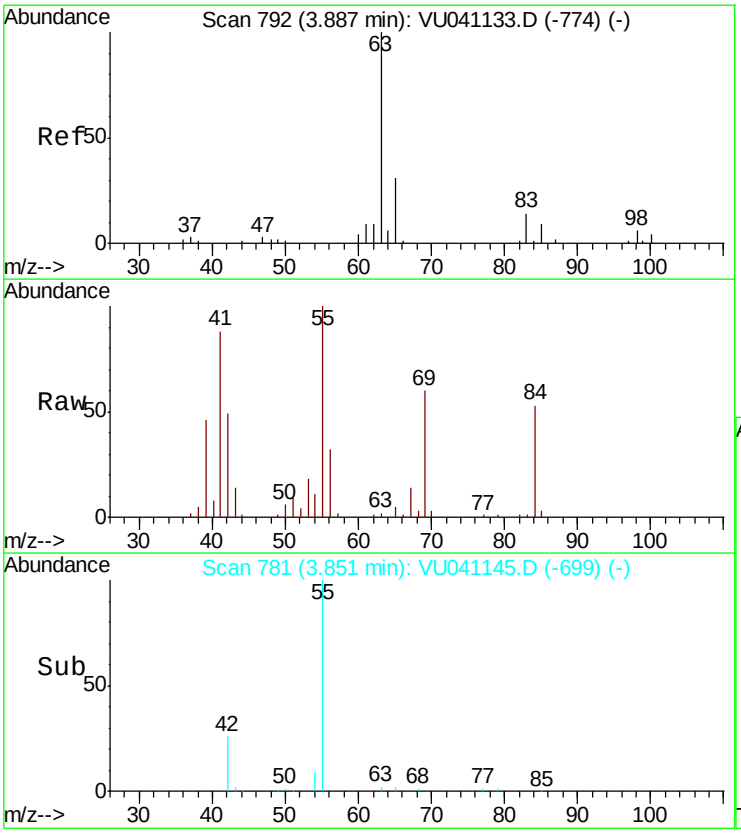
#17
Methyl tert-butyl Ether
Concen: 0.068 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.01 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion: 73 Resp: 752

Ion	Ratio	Lower	Upper
73	100		
43	18048.1	18.5	27.7#
57	72727.5	18.4	27.6#

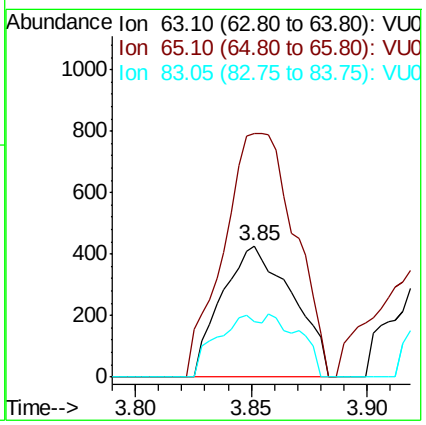


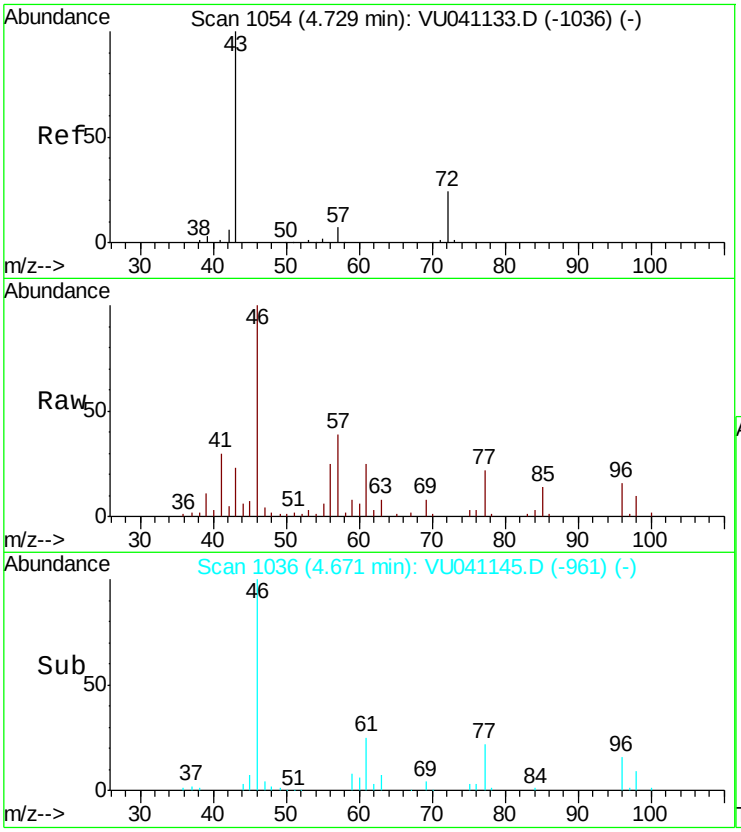


#19
1,1-Dichloroethane
Concen: 0.103 ug/L
RT: 3.85 min Scan# 781
Delta R.T. -0.04 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 63 Resp: 905

Ion	Ratio	Lower	Upper
63	100		
65	185.0	21.3	39.6#
83	42.1	8.8	16.3#



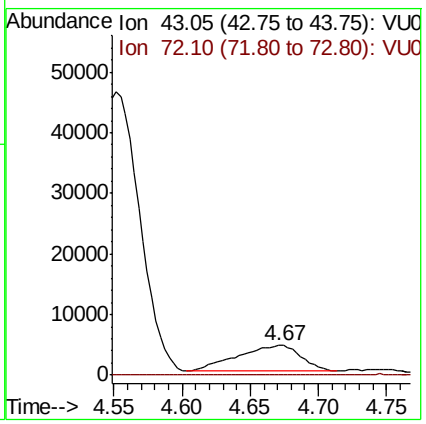


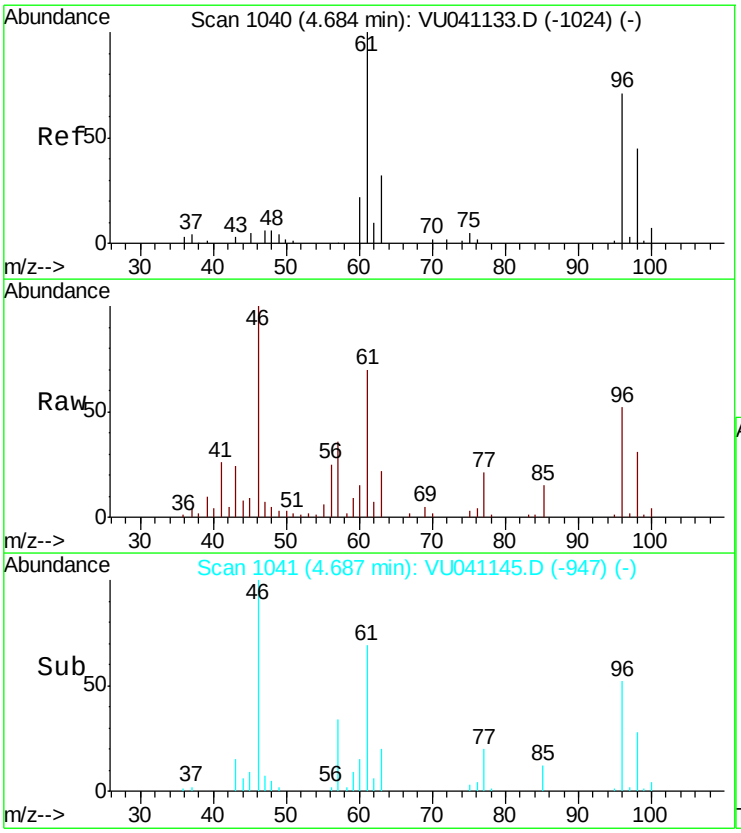
#21
2-Butanone
Concen: 7.586 ug/L
RT: 4.67 min Scan# 1036
Delta R.T. -0.06 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Tgt Ion: 43 Resp: 13732

Ion	Ratio	Lower	Upper
43	100		
72	1.1	11.8	35.4#

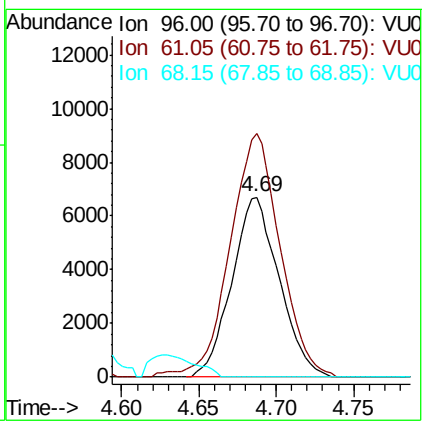


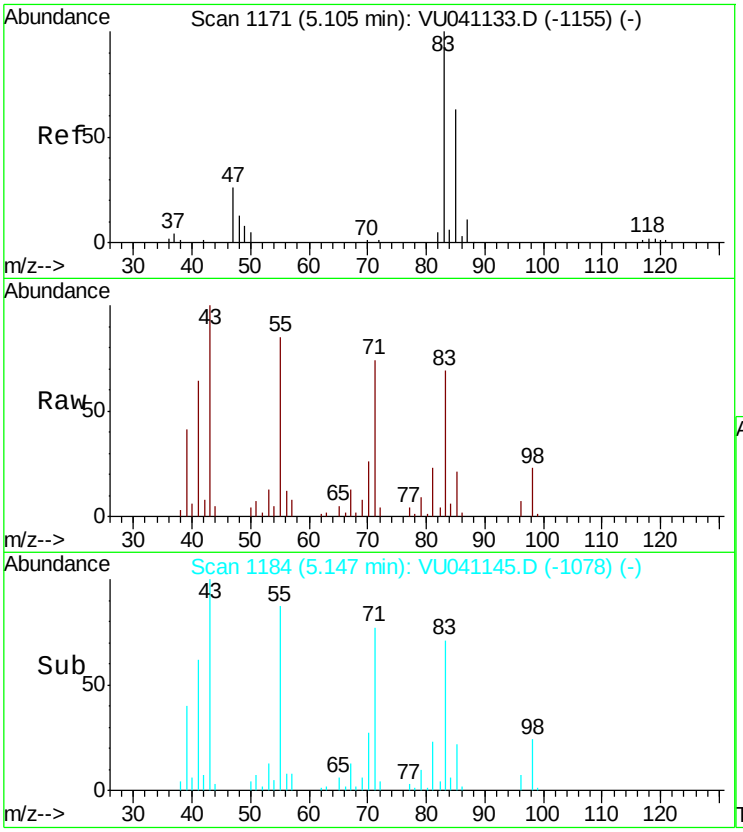


#22
cis-1,2-Dichloroethene
Concen: 3.137 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 96 Resp: 14223

Ion	Ratio	Lower	Upper
96	100		
61	135.4	97.2	180.4
68	0.0	0.0	0.0



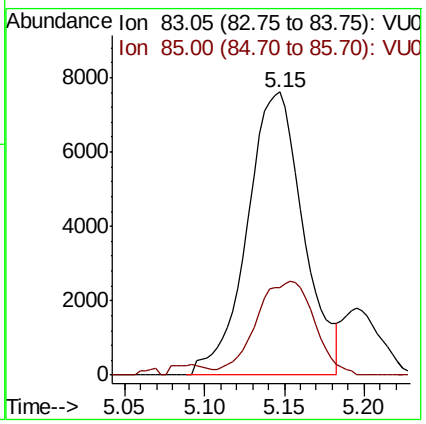


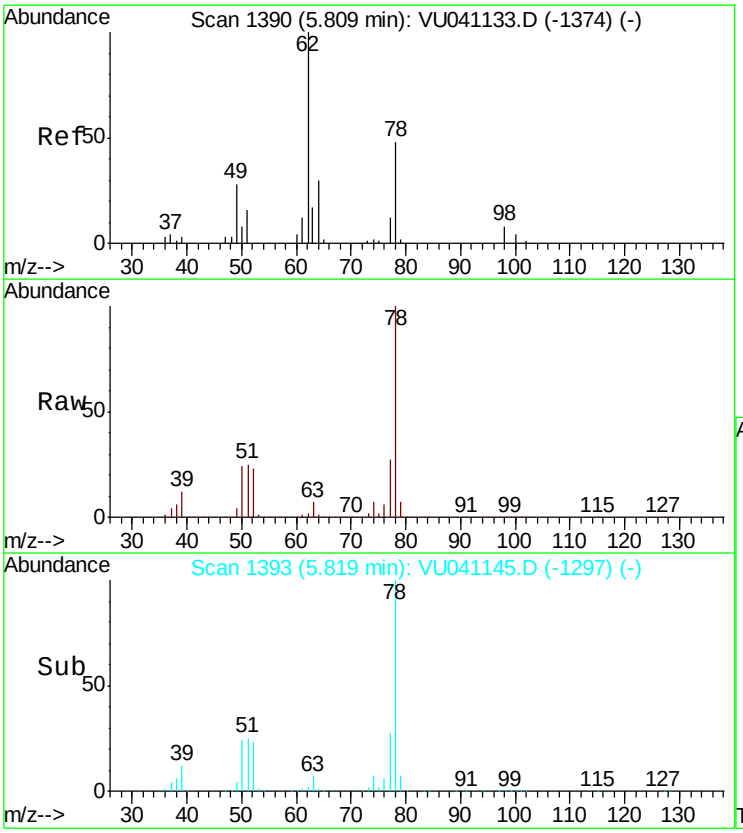
#25
Chloroform
Concen: 2.094 ug/L
RT: 5.15 min Scan# 1184
Delta R.T. 0.04 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion: 83 Resp: 18458

Ion	Ratio	Lower	Upper
83	100		
85	30.8	46.1	85.7#

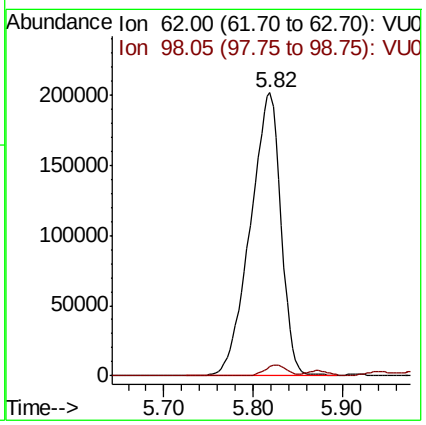


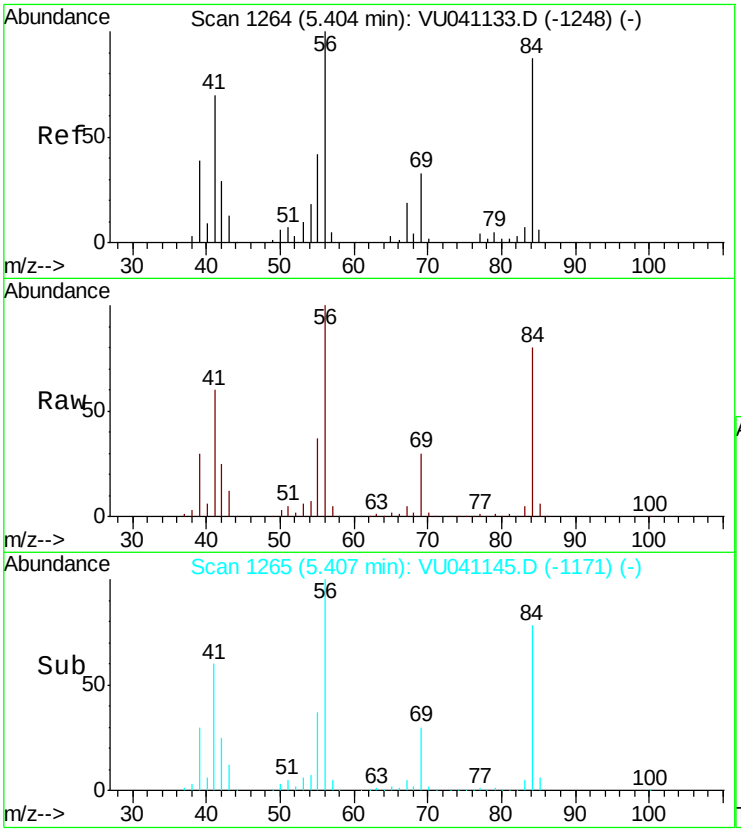


#27
1,2-Dichloroethane
Concen: 73.298 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 62 Resp: 481113

Ion	Ratio	Lower	Upper
62	100		
98	3.2	7.6	11.4#



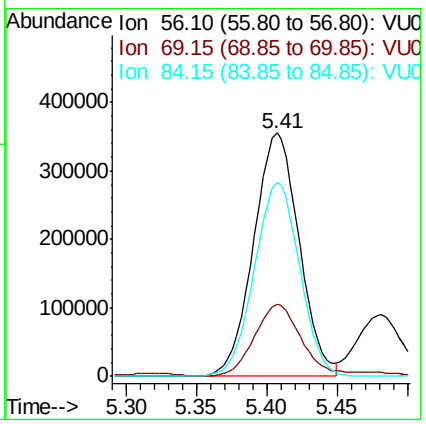


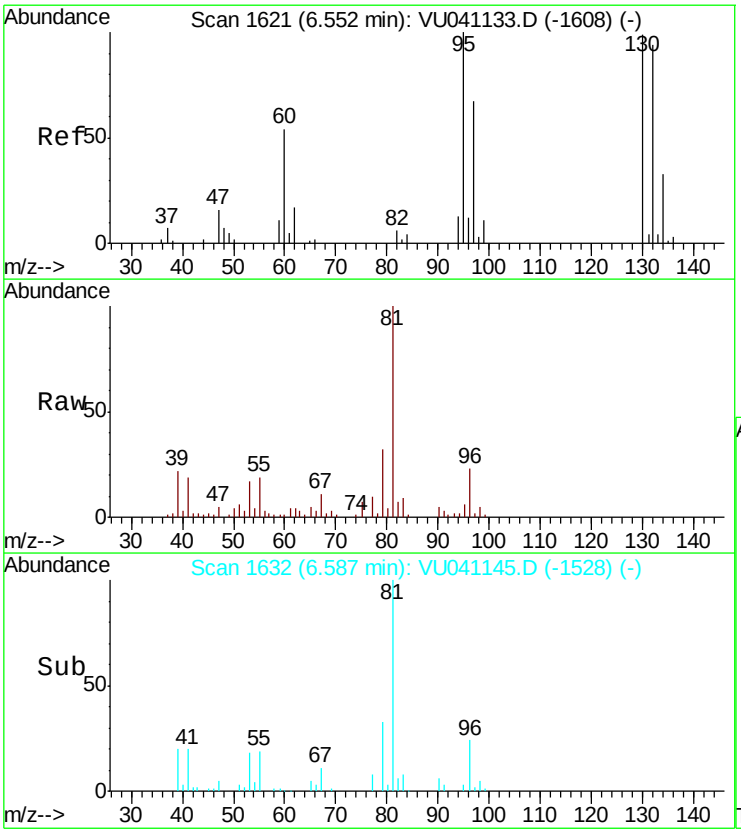
#30
Cyclohexane
Concen: 107.626 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion: 56 Resp: 797496

Ion	Ratio	Lower	Upper
56	100		
69	32.4	22.8	34.2
84	79.5	63.6	95.4

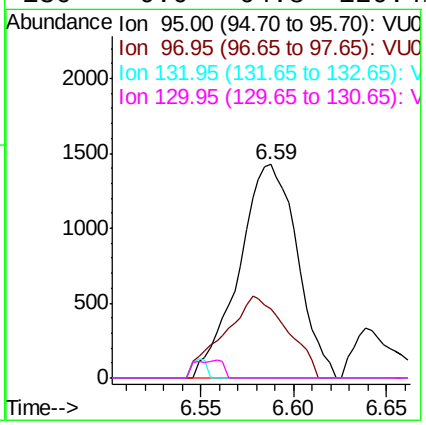


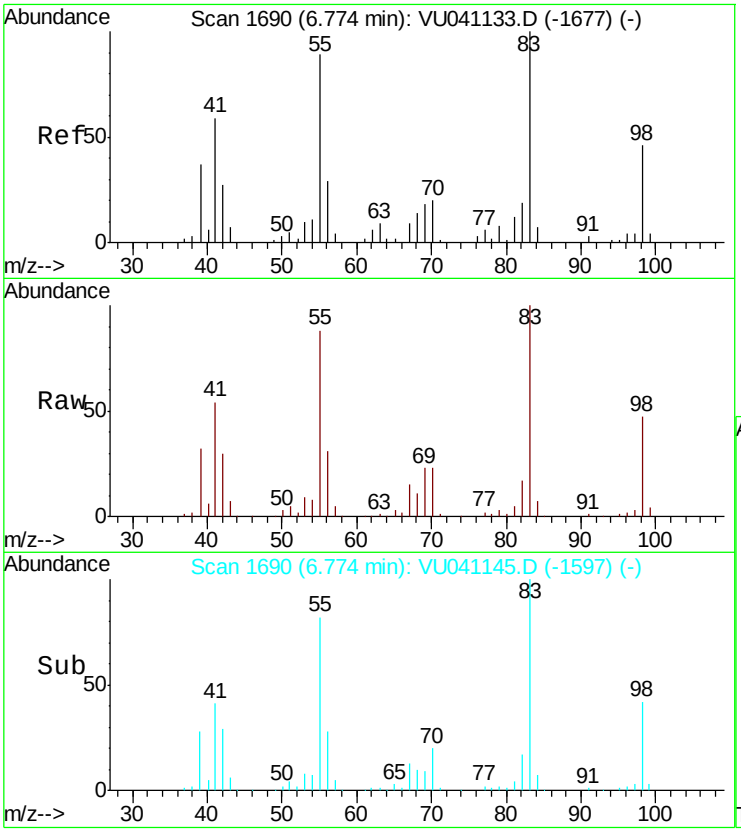


#34
Trichloroethene
Concen: 0.664 ug/L
RT: 6.59 min Scan# 1632
Delta R.T. 0.04 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 95 Resp: 3106

Ion	Ratio	Lower	Upper
95	100		
97	32.3	45.6	84.6#
132	0.0	64.8	120.4#
130	0.0	64.8	120.4#



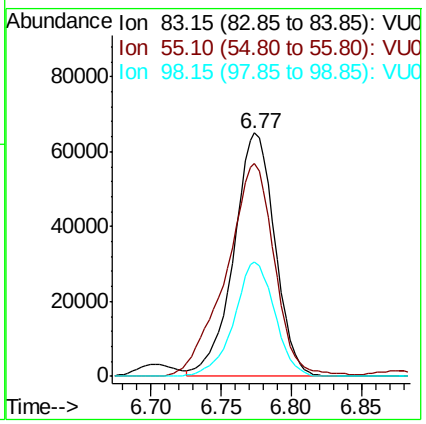


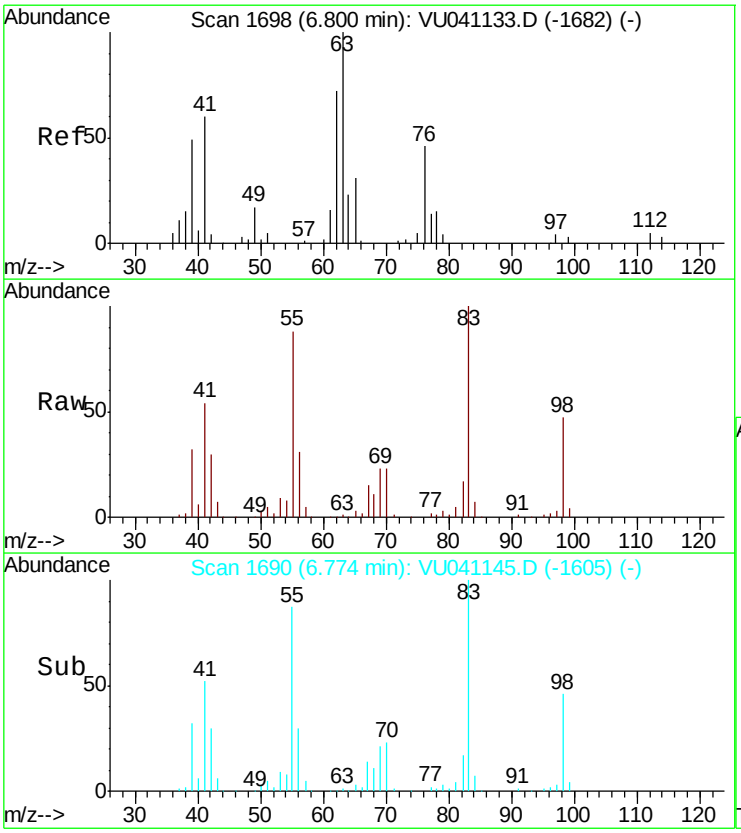
#35
Methylcyclohexane
Concen: 18.962 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Tgt Ion: 83 Resp: 132259

Ion	Ratio	Lower	Upper
83	100		
55	103.3	72.0	108.0
98	46.4	36.6	55.0

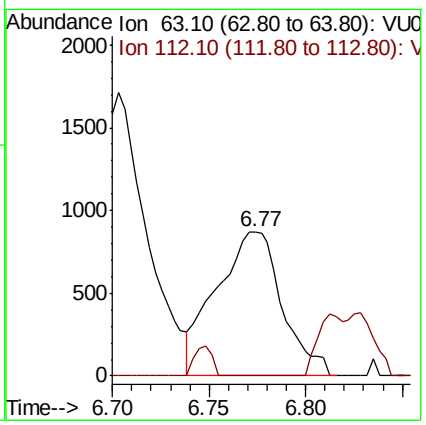


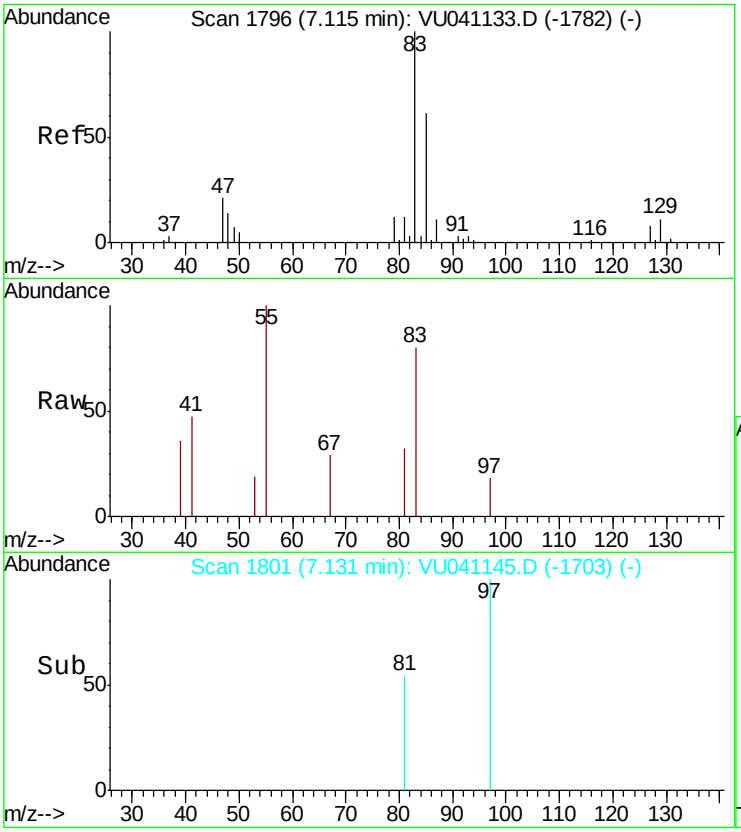


#37
1,2-Dichloropropane
Concen: 0.416 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.03 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 63 Resp: 2066

Ion	Ratio	Lower	Upper
63	100		
112	5.3	3.6	5.4



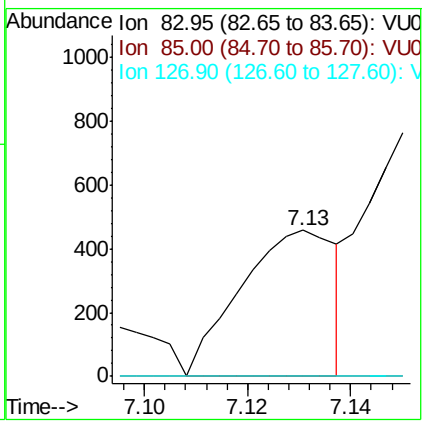


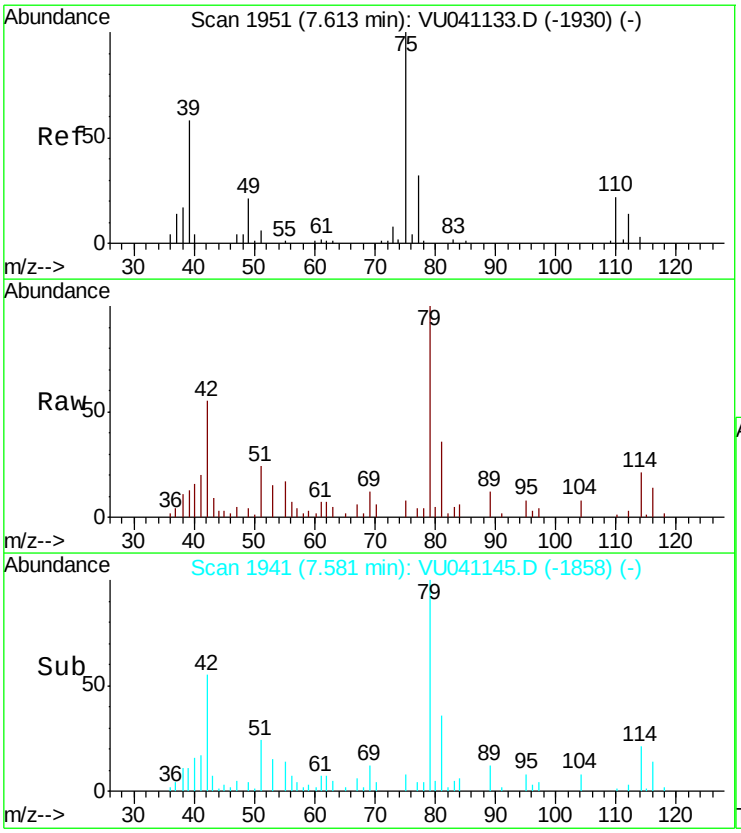
#38
Bromodichloromethane
Concen: 0.091 ug/L
RT: 7.13 min Scan# 1801
Delta R.T. 0.02 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion: 83 Resp: 586

Ion	Ratio	Lower	Upper
83	100		
85	0.0	43.3	80.3#
127	0.0	5.9	8.9#

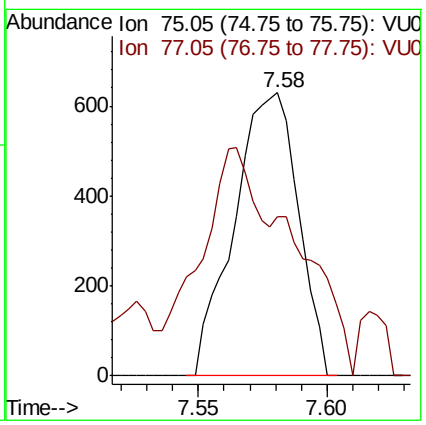


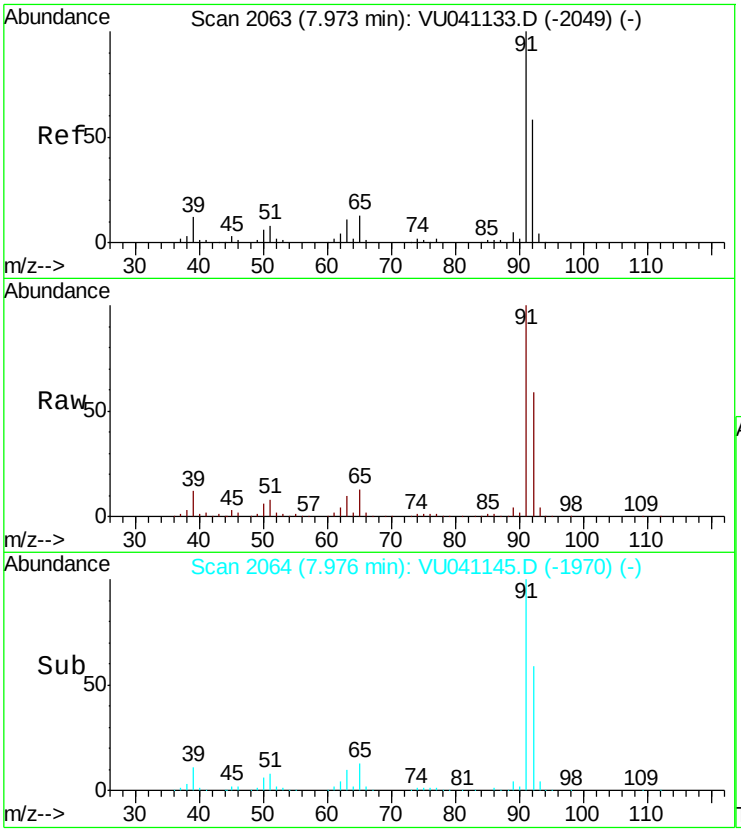


#39
cis-1,3-Dichloropropene
Concen: 0.159 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.03 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 75 Resp: 1089

Ion	Ratio	Lower	Upper
75	100		
77	56.3	22.7	42.3#



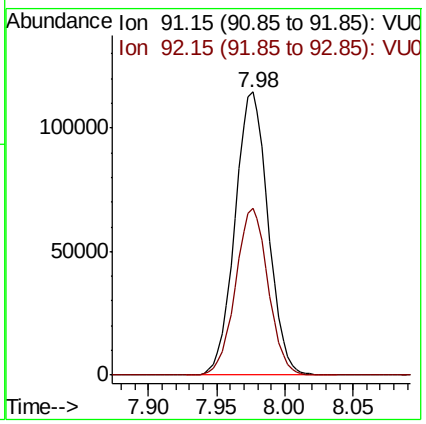


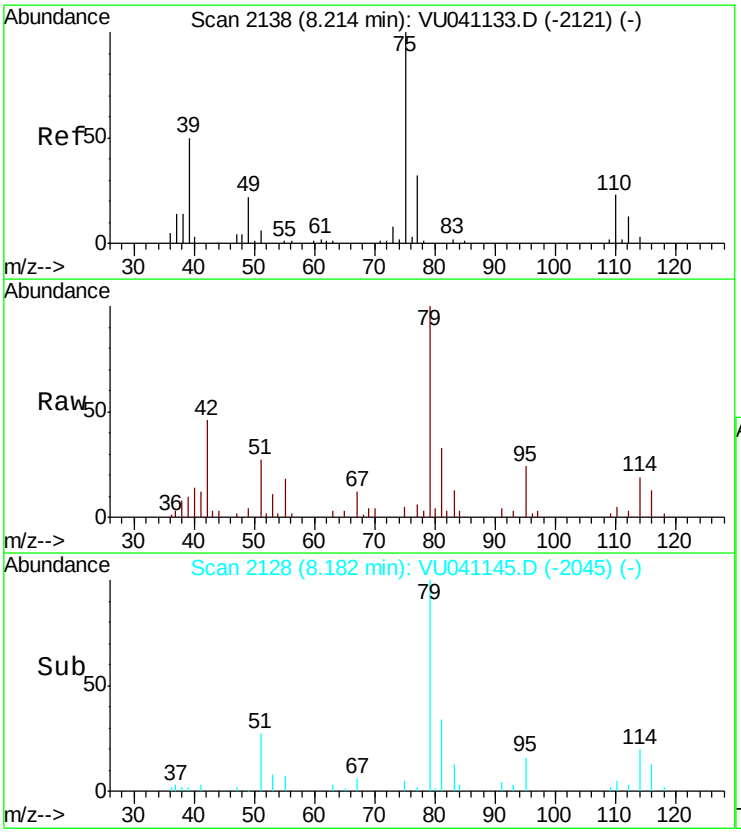
#42
Toluene
Concen: 10.364 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Tgt Ion: 91 Resp: 193095

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.6	75.4

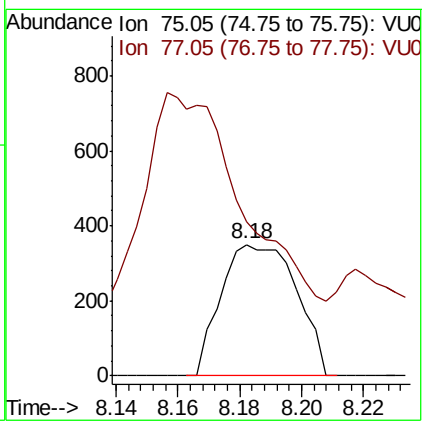


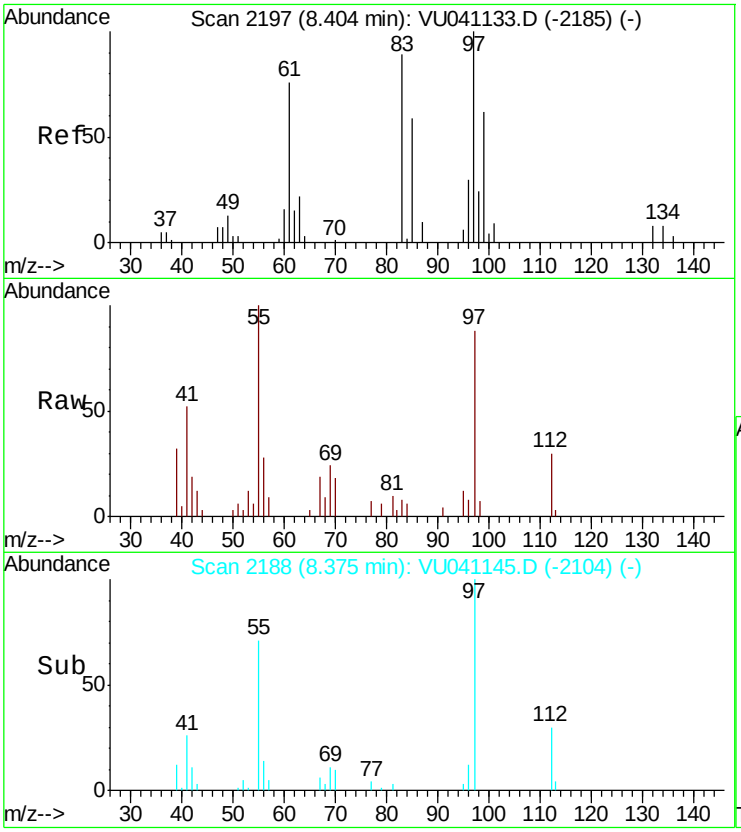


#44
trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 75 Resp: 594

Ion	Ratio	Lower	Upper
75	100		
77	117.1	23.3	43.3#



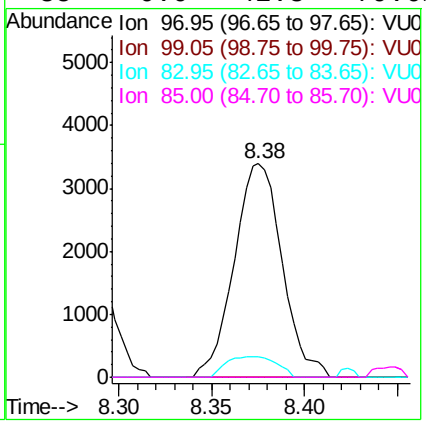


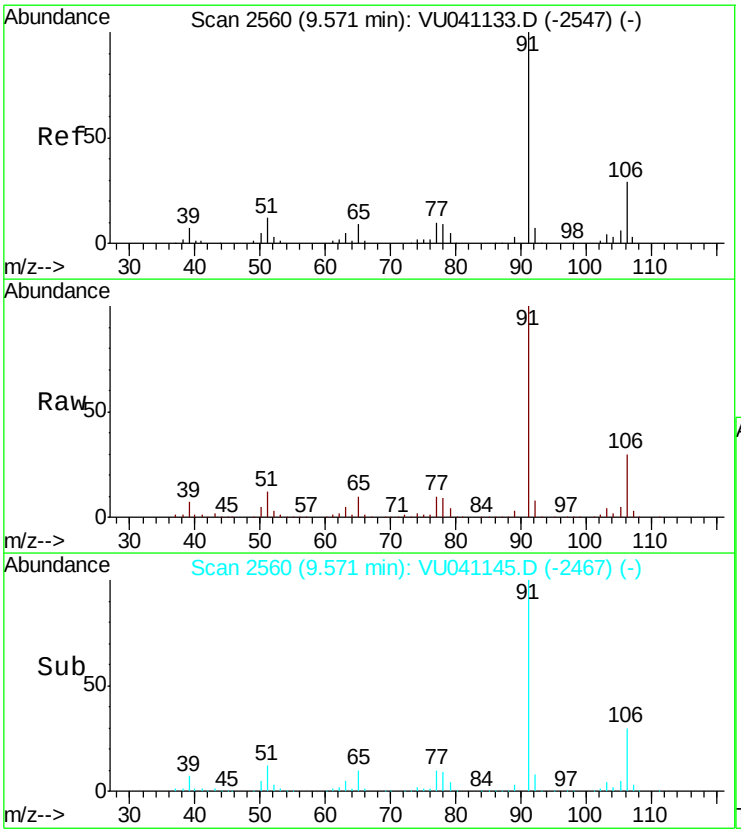
#45
1,1,2-Trichloroethane
Concen: 1.651 ug/L
RT: 8.38 min Scan# 2188
Delta R.T. -0.03 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion: 97 Resp: 6110

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	9.3	67.9	126.1#
85	0.0	42.8	79.6#

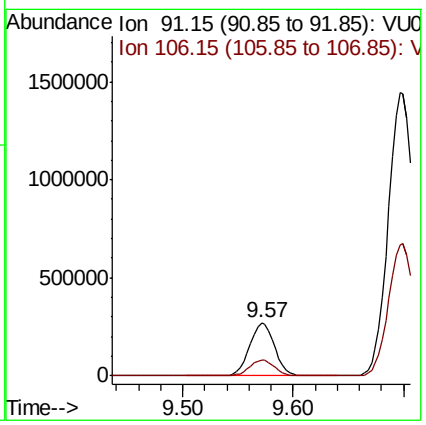


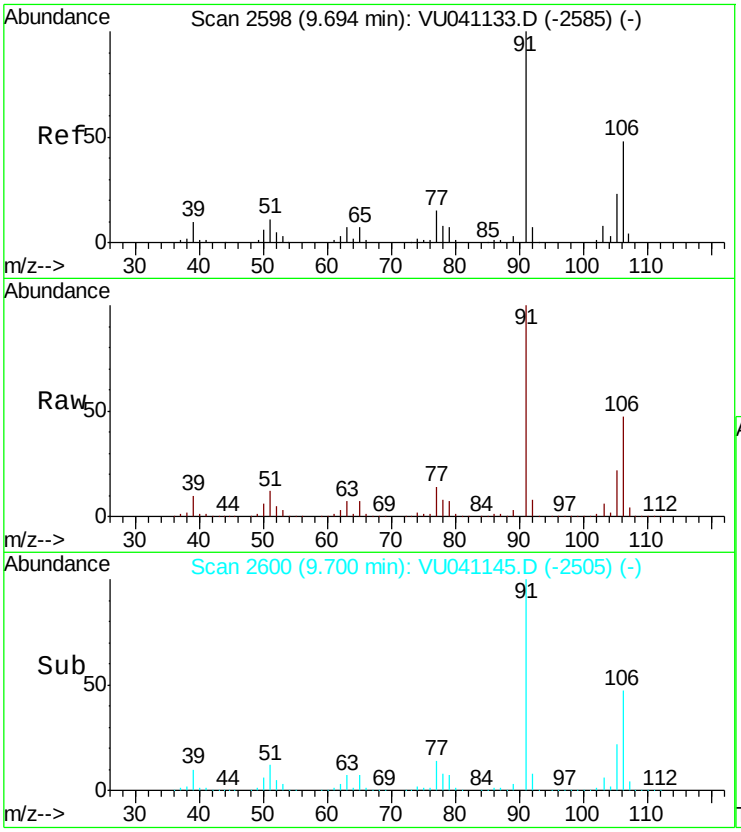


#52
Ethylbenzene
Concen: 21.500 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 91 Resp: 421658

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.0	39.0



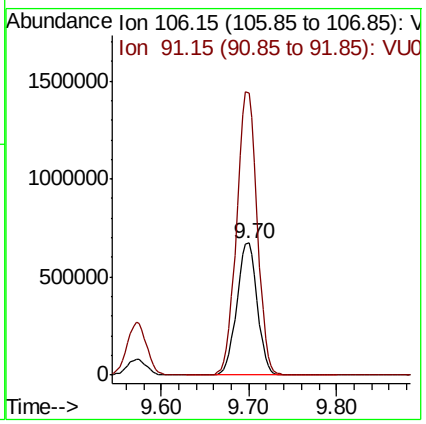


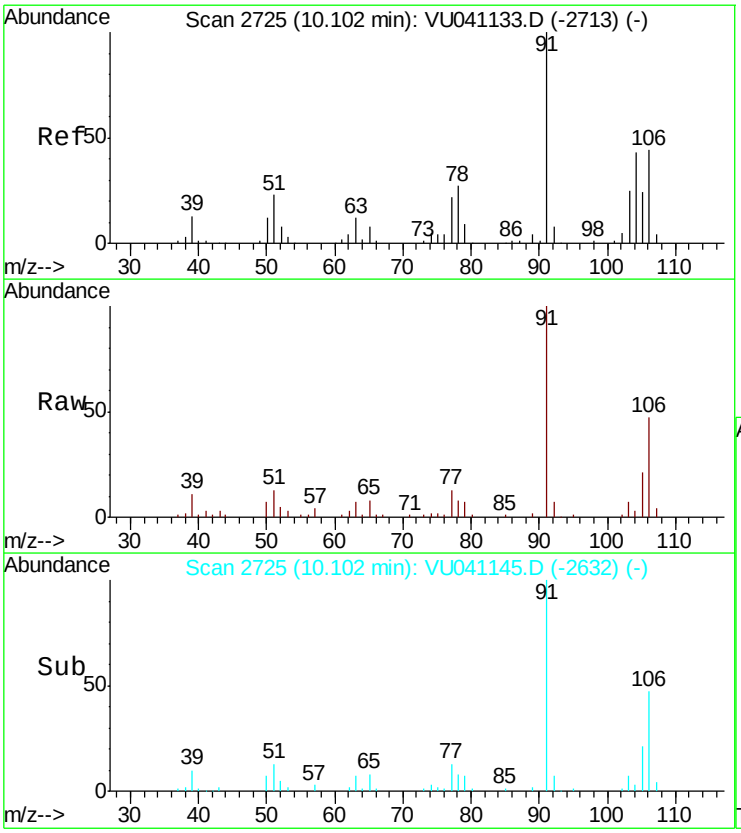
#53
m,p-Xylene
Concen: 153.273 ug/L
RT: 9.70 min Scan# 2600
Delta R.T. 0.01 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion:106 Resp: 1096279

Ion	Ratio	Lower	Upper
106	100		
91	214.5	150.9	280.3

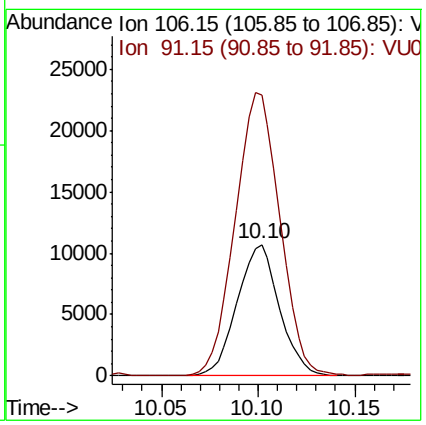


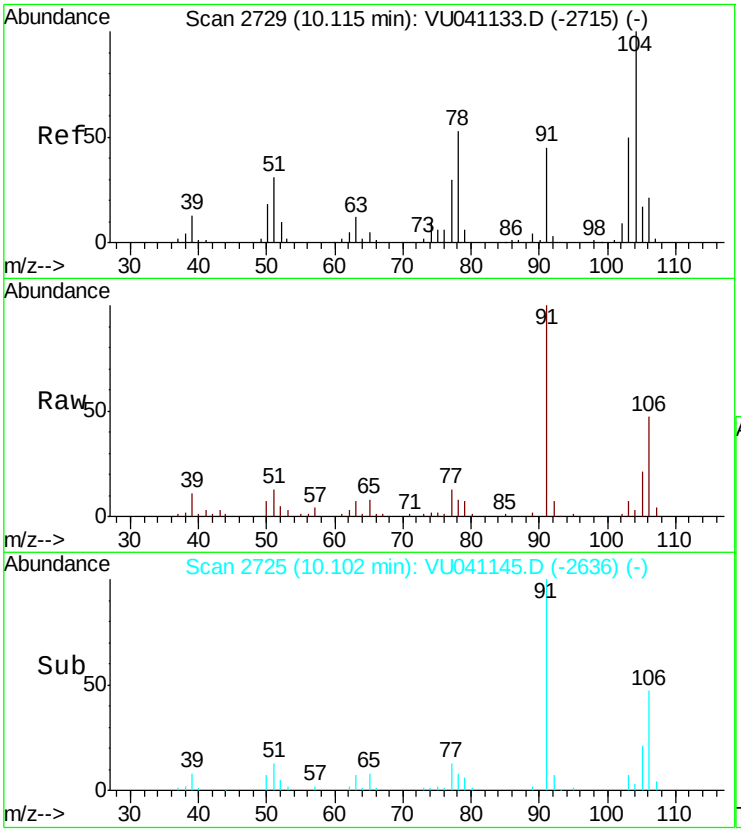


#54
o-Xylene
Concen: 2.446 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion:106 Resp: 16296

Ion	Ratio	Lower	Upper
106	100		
91	213.1	154.3	286.5



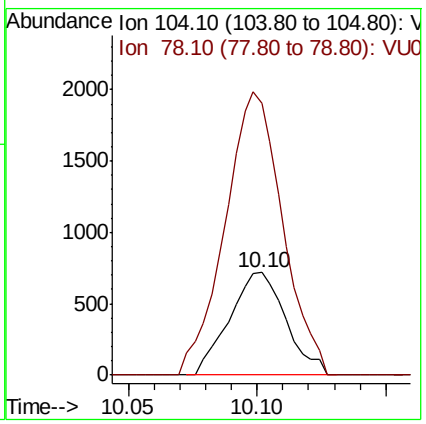


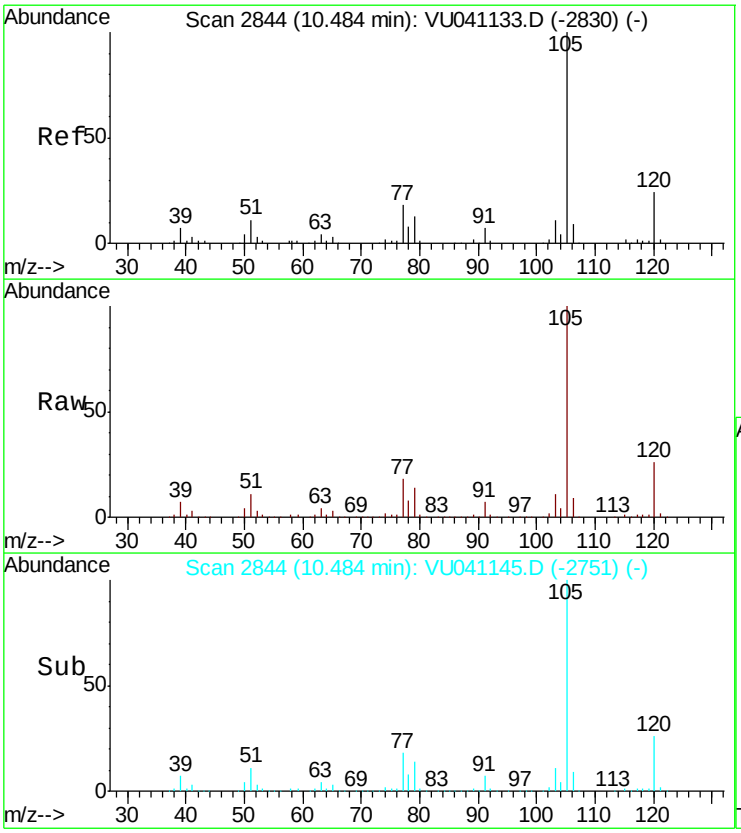
#55
Stvrene
Concen: 0.092 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.01 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion:104 Resp: 1093

Ion	Ratio	Lower	Upper
104	100		
78	265.2	35.5	65.9#

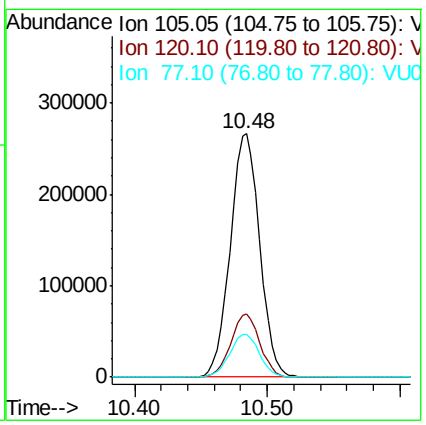


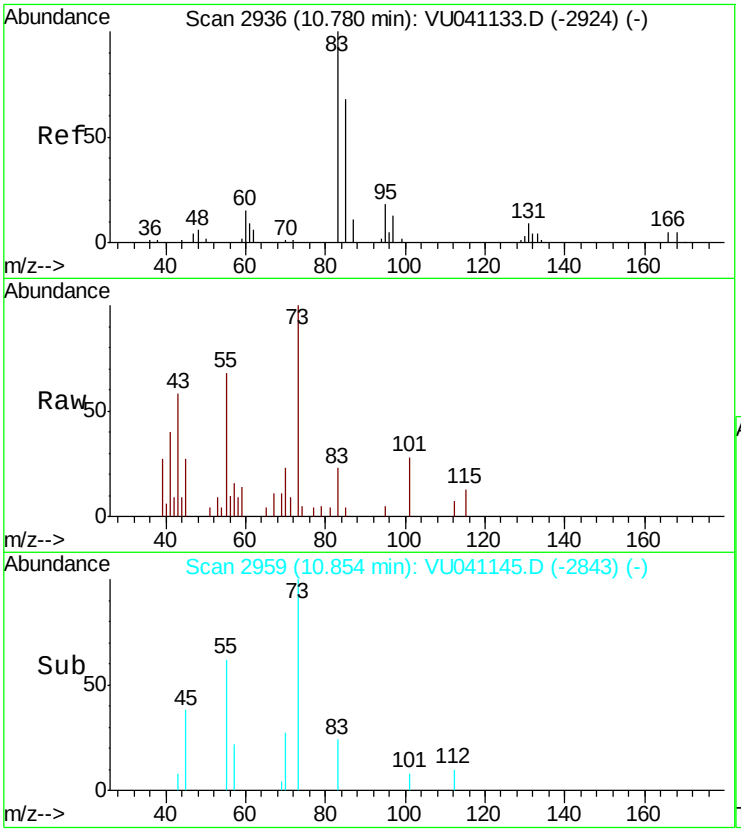


#56
Isopropylbenzene
Concen: 22.856 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion:105 Resp: 409406

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1
77	17.7	13.8	20.6



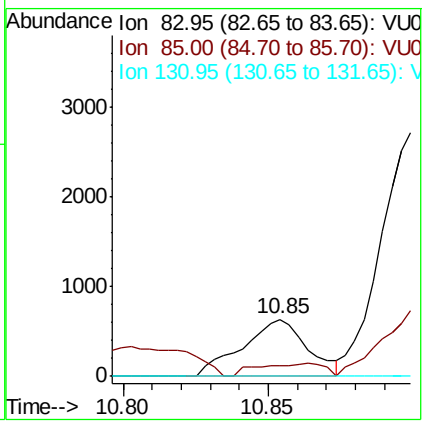


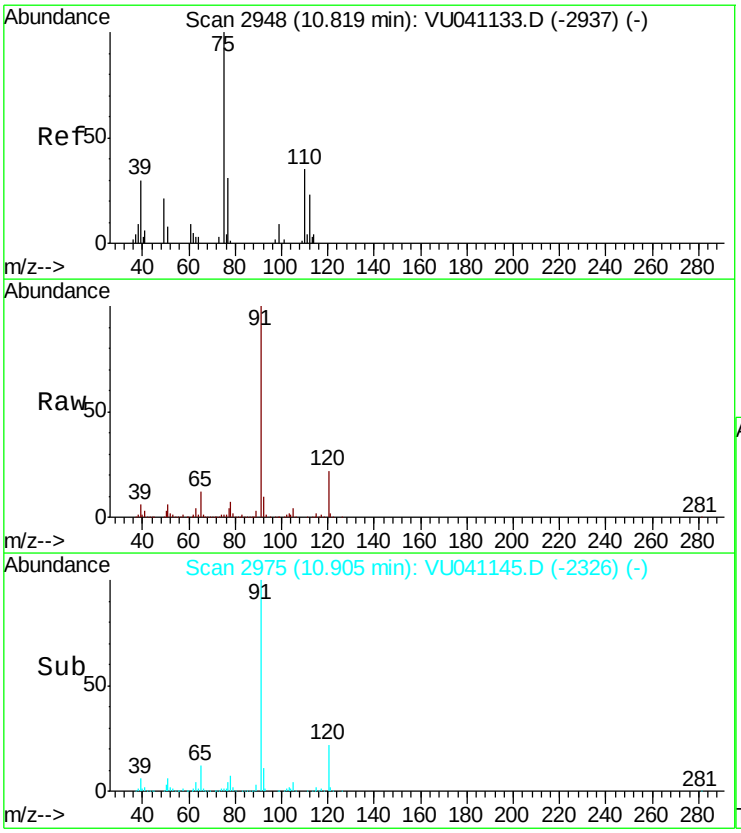
#58
1,1,2,2-Tetrachloroethane
Concen: 0.202 ug/L
RT: 10.85 min Scan# 2959
Delta R.T. 0.07 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument : MSVOA_U
ClientSampleId : GB0T6

Tgt Ion: 83 Resp: 980

Ion	Ratio	Lower	Upper
83	100		
85	19.8	44.4	82.4#
131	0.0	7.7	11.5#

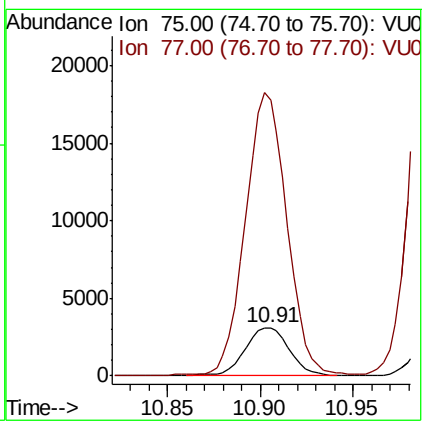


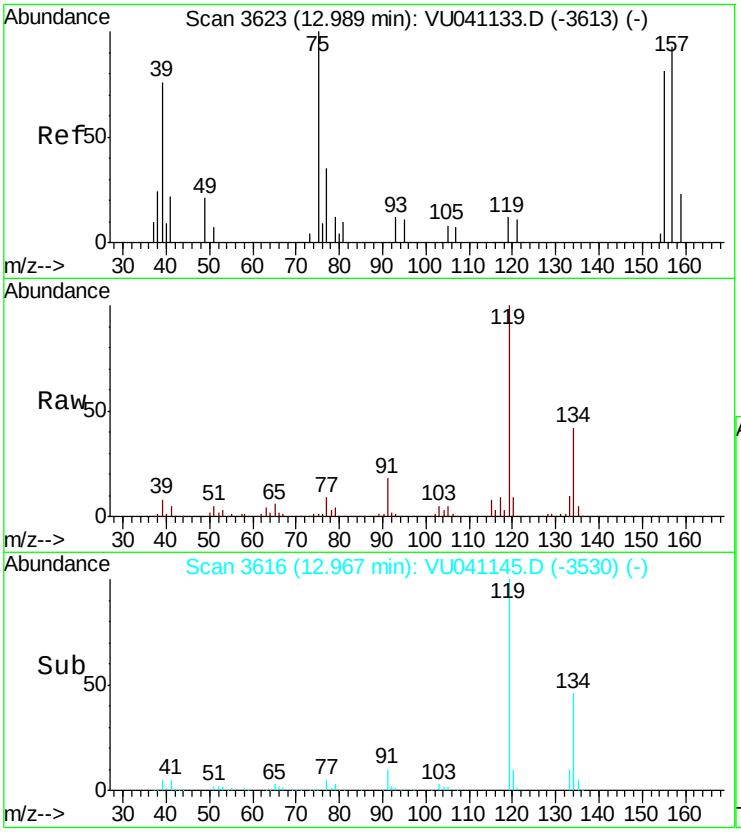


#59
1,2,3-Trichloropropane
Concen: 1.390 ug/L
RT: 10.91 min Scan# 2975
Delta R.T. 0.09 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 75 Resp: 5149

Ion	Ratio	Lower	Upper
75	100		
77	556.3	25.7	38.5#



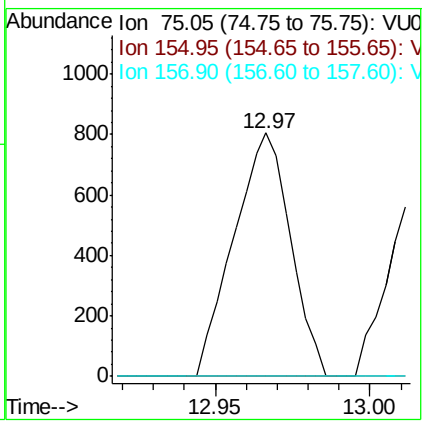


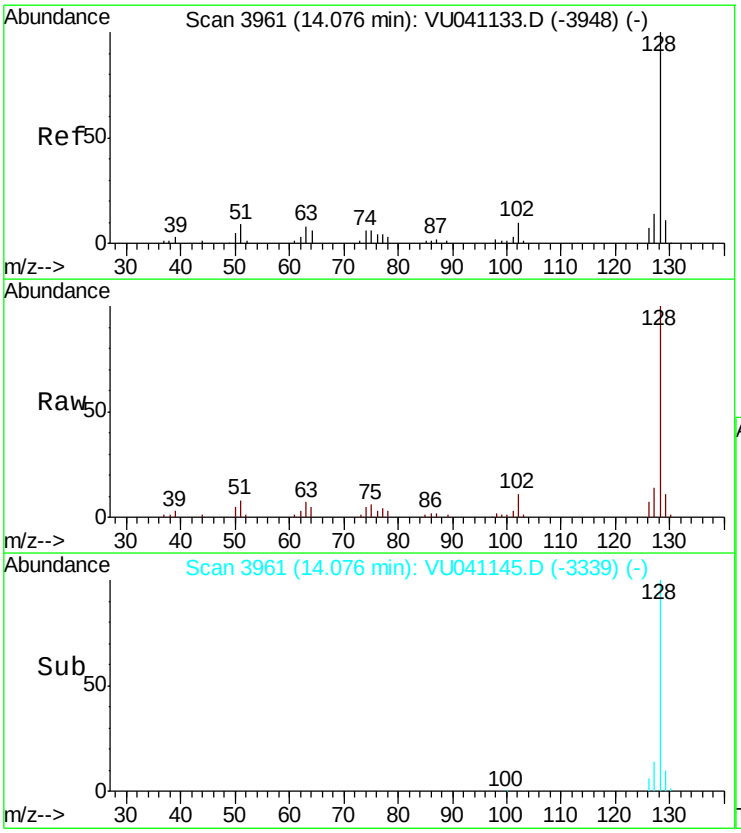
#66
1,2-Dibromo-3-chloropropane
Concen: 1.181 ug/L
RT: 12.97 min Scan# 3616
Delta R.T. -0.02 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Tgt Ion: 75 Resp: 1026

Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.4	92.2#
157	0.0	74.2	111.4#





#69
Naphthalene
Concen: 3.785 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion:128 Resp: 35227

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.7	13.1
127	13.4	10.8	16.2