Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040163.D
Acq On : 16 Sep 2020 21:54
Operator : SY/MD
Sample : L4046-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0N9

Quant Time: Sep 17 02:08:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 02:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51495	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26996	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.92	69	25331	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.58	63	47056	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.66	46	82381	34.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 68.04%			
24) Chloroform-d	5.09	84	63339	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.72	65	39067	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.75	84	115330	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.71	67	38177	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.91	98	94885	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	8.19	79	16005	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.64	63	82719	45.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.80%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34776	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	41719	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1109	0.105	ug/L	93
5) Vinyl chloride	1.61	62	579	0.054	ug/L #	1
8) Chloroethane	1.94	64	16923	2.636	ug/L	97
13) Acetone	2.39	43	254281	113.417	ug/L	53
14) Carbon disulfide	2.82	76	3825	0.139	ug/L	96
16) Methylene chloride	3.06	84	1856	0.165	ug/L #	69
17) Methyl tert-butyl Ether	3.38	73	14876	0.575	ug/L #	33
18) trans-1,2-Dichloroethene	3.37	96	1498	0.162	ug/L	91
19) 1,1-Dichloroethane	3.89	63	6382	0.336	ug/L	95
27) 1,2-Dichloroethane	5.80	62	153573	10.771	ug/L #	78
30) Cyclohexane	5.41	56	22636	1.366	ug/L	99
33) Benzene	5.80	78	15167738	389.677	ug/L	100
35) Methylcyclohexane	6.77	83	11423	0.714	ug/L	99
38) Bromodichloromethane	7.16	83	584	0.041	ug/L #	25
39) cis-1,3-Dichloropropene	7.63	75	2310	0.149	ug/L	93
42) Toluene	7.98	91	59195	1.477	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	701	0.049	ug/L #	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040163.D
Acq On : 16 Sep 2020 21:54
Operator : SY/MD
Sample : L4046-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0N9

Quant Time: Sep 17 02:08:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 02:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.64	43	61335	9.724	ug/L	#	48
51) Chlorobenzene	9.45	112	4899401	196.863	ug/L		98
52) Ethylbenzene	9.57	91	235477	5.170	ug/L		98
53) m,p-Xylene	9.69	106	483540	29.819	ug/L		99
54) o-Xylene	10.10	106	131625	8.518	ug/L		98
55) Styrene	10.10	104	9128	0.340	ug/L	#	1
56) Isopropylbenzene	10.48	105	946379	22.457	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	2155	0.219	ug/L	#	50
62) 1,3-Dichlorobenzene	11.74	146	7588	0.403	ug/L		95
63) 1,4-Dichlorobenzene	11.83	146	97712	5.131	ug/L		96
65) 1,2-Dichlorobenzene	12.20	146	72208	3.965	ug/L		97
66) 1,2-Dibromo-3-chloropropan	13.01	75	763	0.392	ug/L	#	8
69) Naphthalene	14.08	128	274979	11.573	ug/L		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040163.D
Acq On : 16 Sep 2020 21:54
Operator : SY/MD
Sample : L4046-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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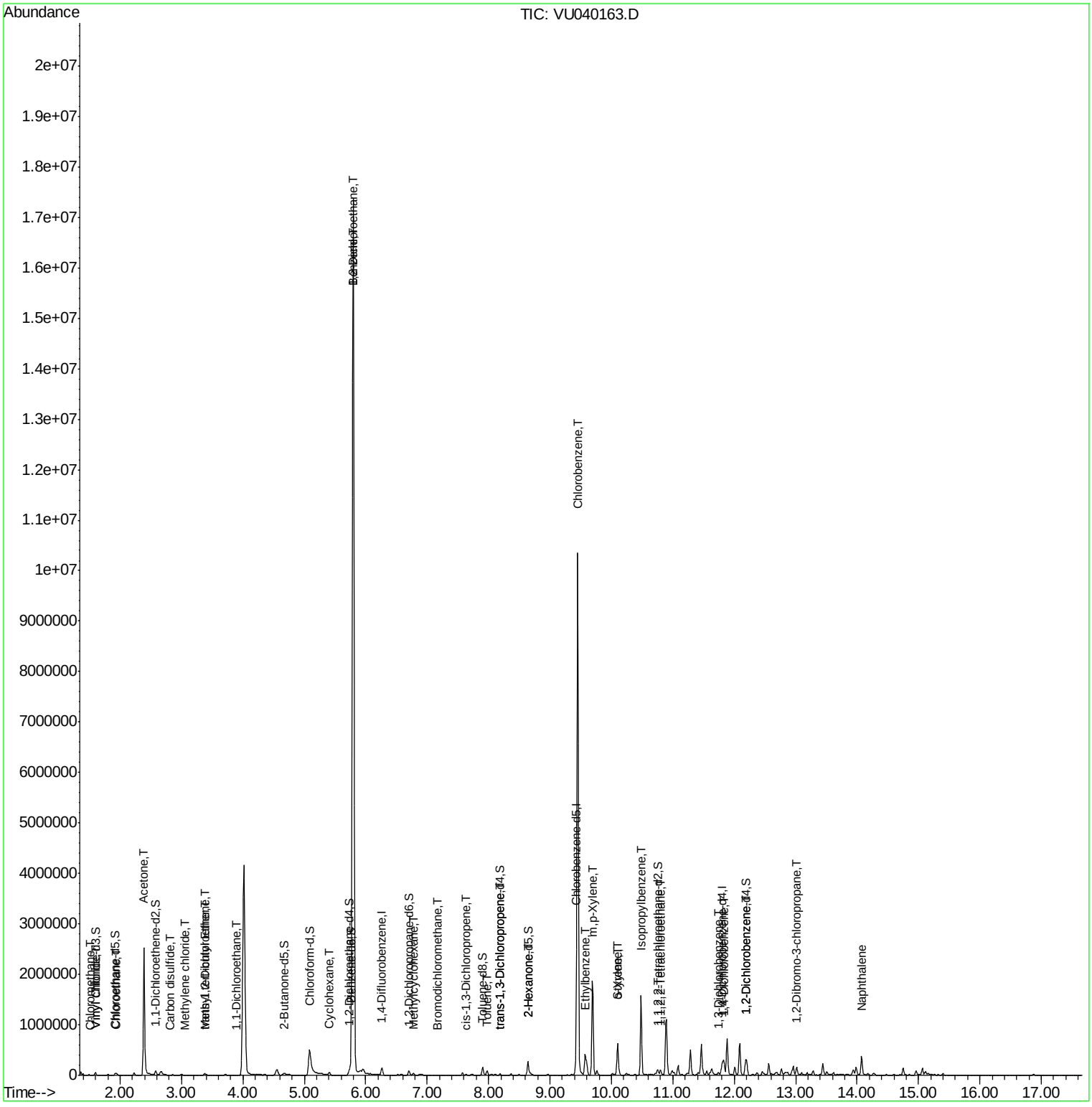
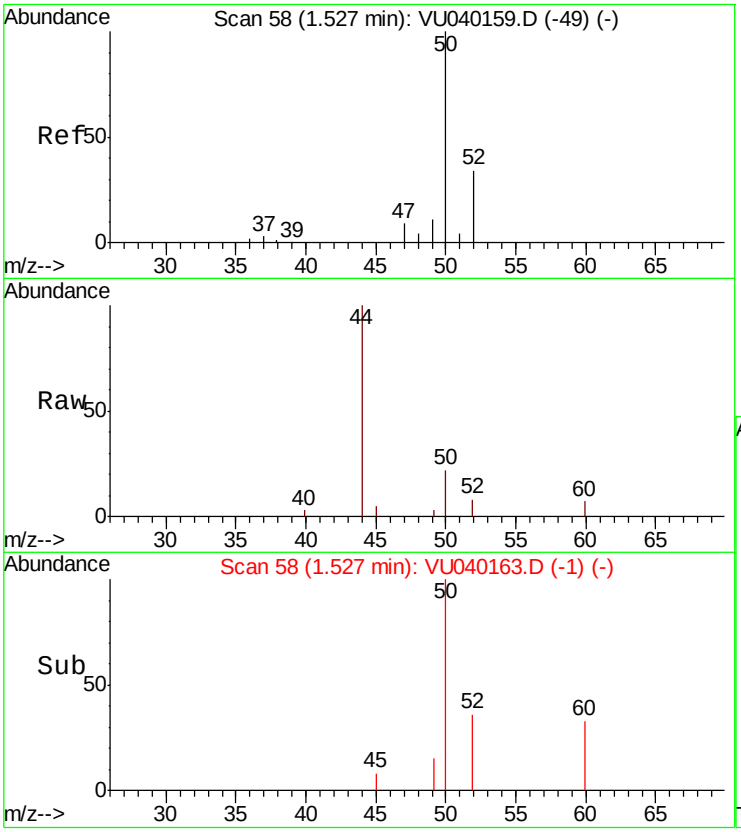
Quant Time: Sep 17 02:08:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 02:07:00 2020
Response via : Initial Calibration



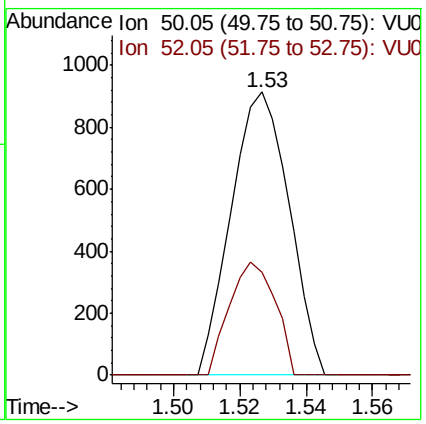


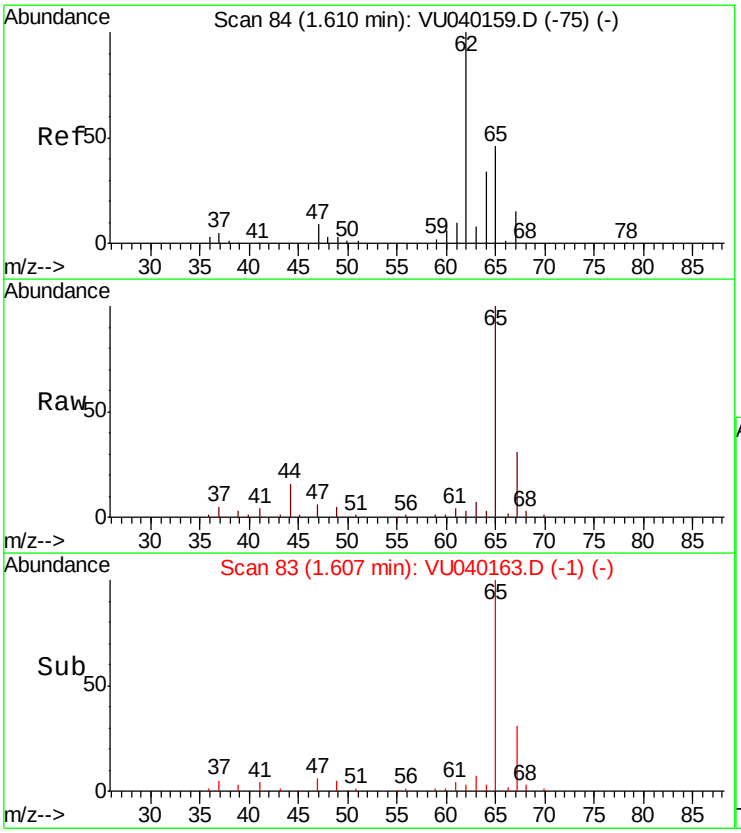
#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion: 50 Resp: 1109

Ion	Ratio	Lower	Upper
50	100		
52	36.4	22.8	42.4

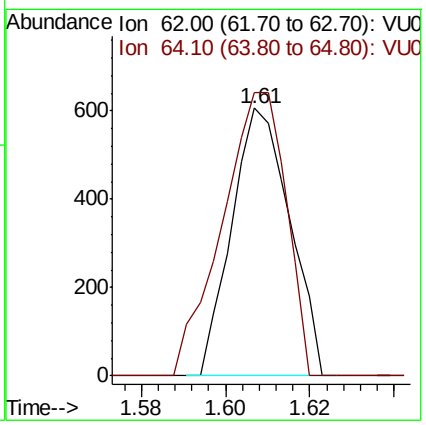


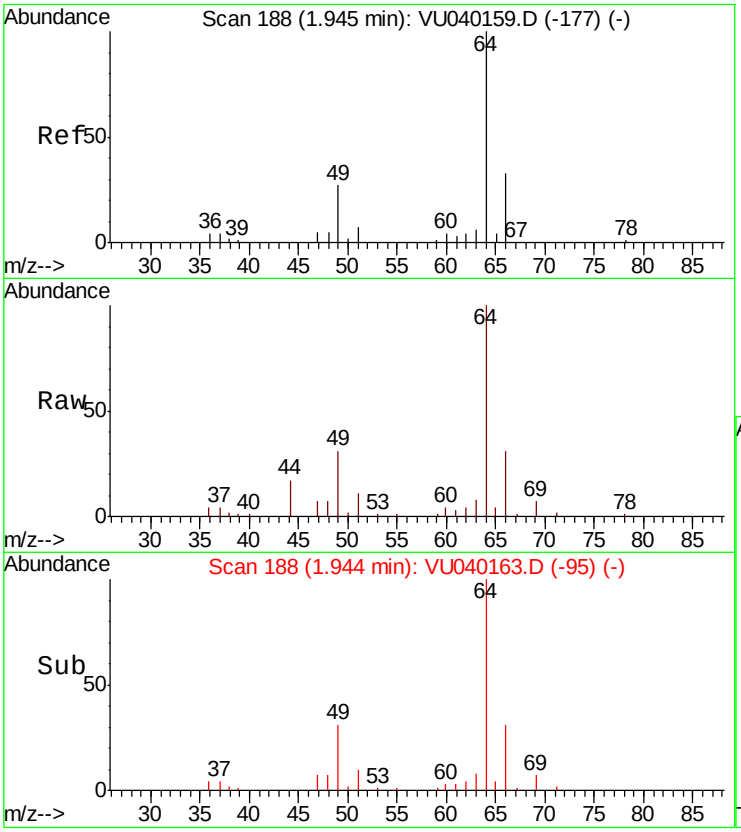


#5
Vinyl chloride
Concen: 0.054 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 62 Resp: 579

Ion	Ratio	Lower	Upper
62	100		
64	105.8	23.9	44.3#



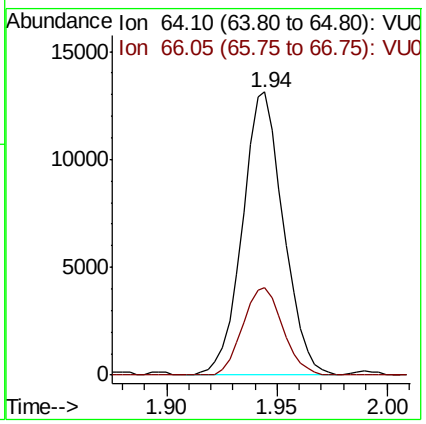


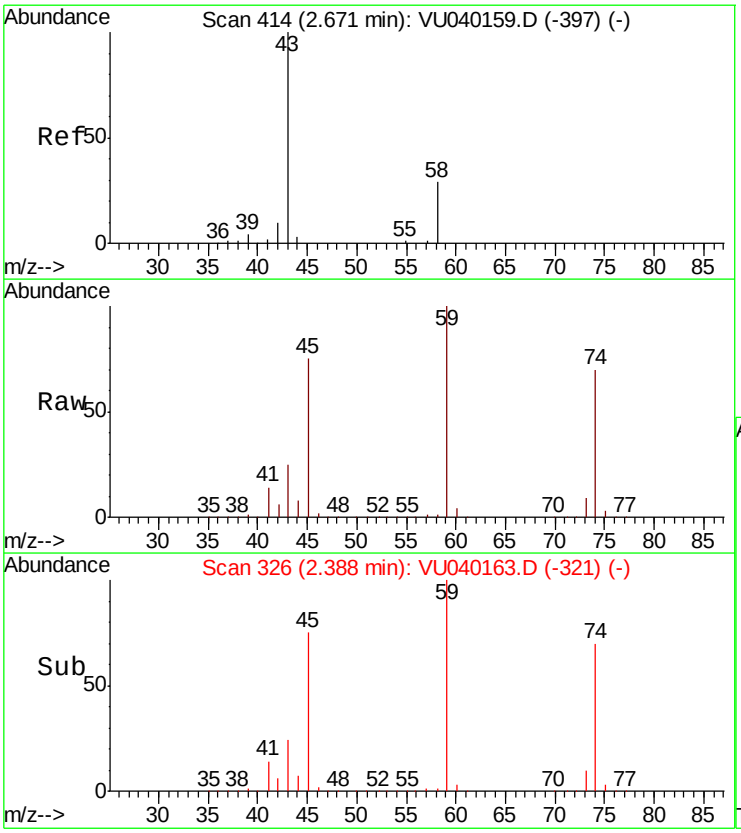
#8
Chloroethane
Concen: 2.636 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion: 64 Resp: 16923

Ion	Ratio	Lower	Upper
64	100		
66	30.8	22.7	42.1

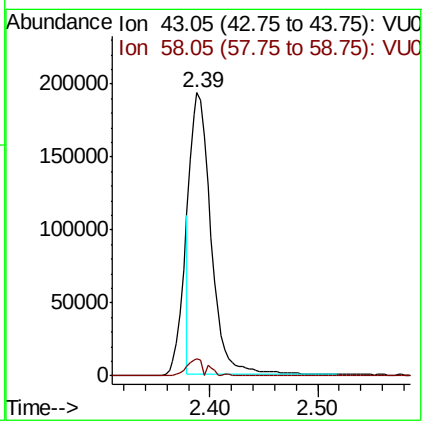


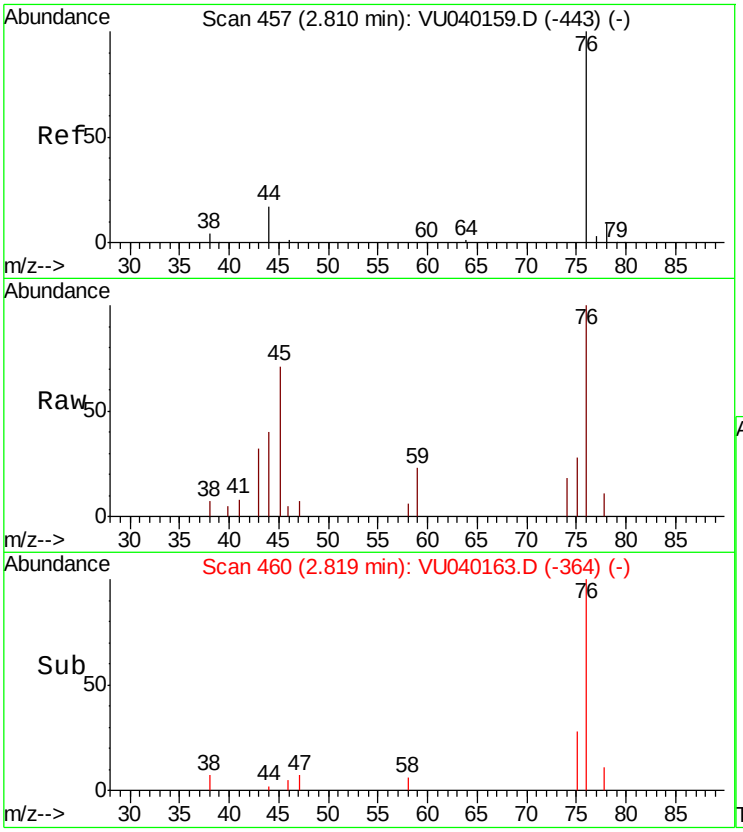


#13
Acetone
Concen: 113.417 ug/L
RT: 2.39 min Scan# 326
Delta R.T. -0.28 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 43 Resp: 254281

Ion	Ratio	Lower	Upper
43	100		
58	3.2	0.0	55.4



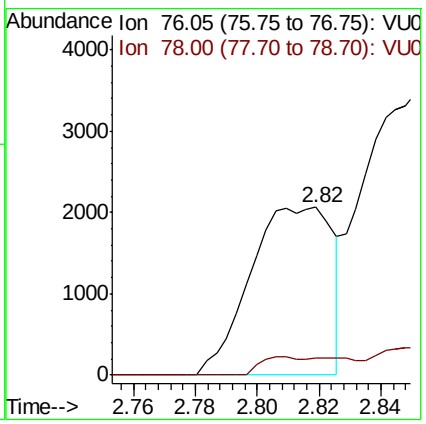


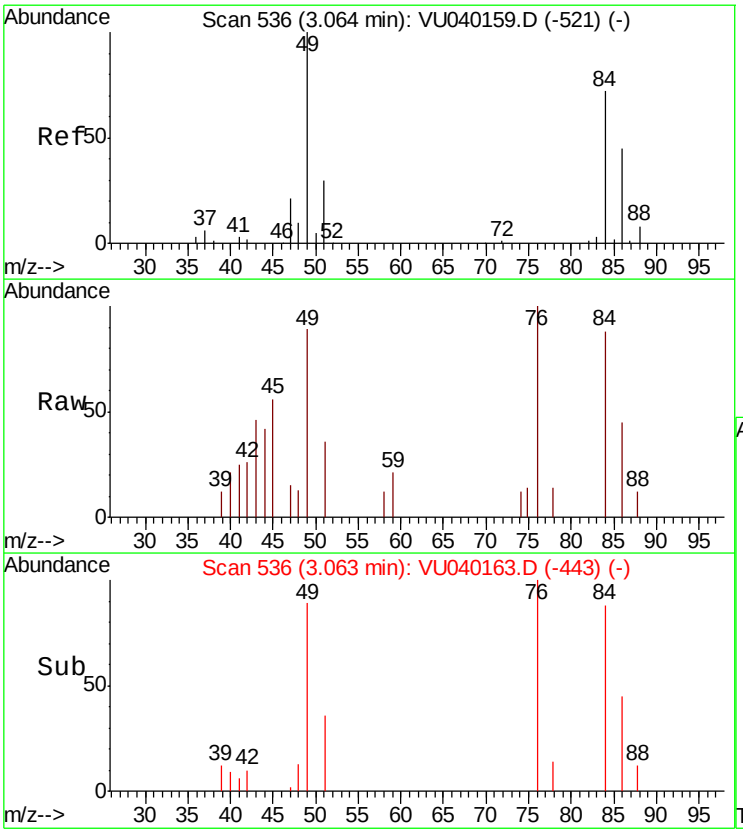
#14
Carbon disulfide
Concen: 0.139 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.01 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument : MSVOA_U
ClientSampleId : BG0N9

Tgt Ion: 76 Resp: 3825

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.2	10.8

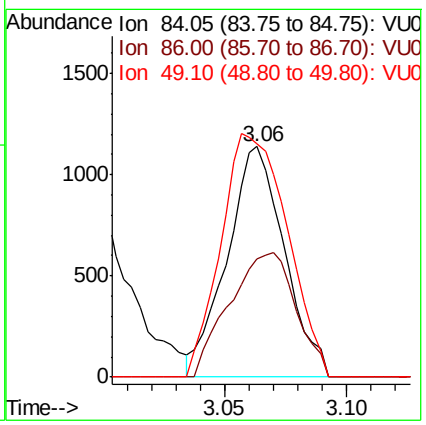


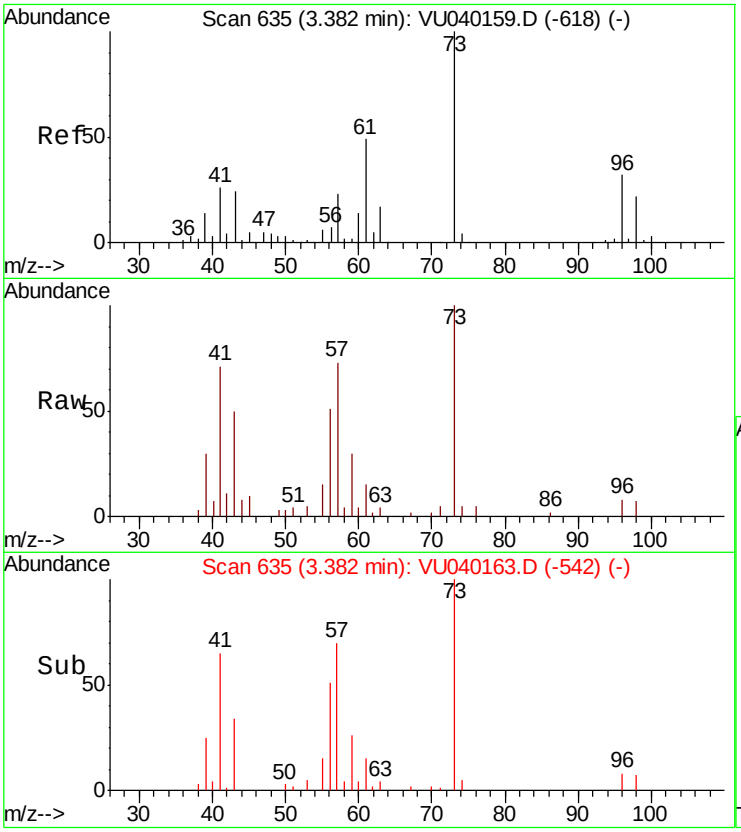


#16
Methylene chloride
Concen: 0.165 ug/L
RT: 3.06 min Scan# 536
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 84 Resp: 1856

Ion	Ratio	Lower	Upper
84	100		
86	51.0	45.2	84.0
49	101.4	104.0	193.2#



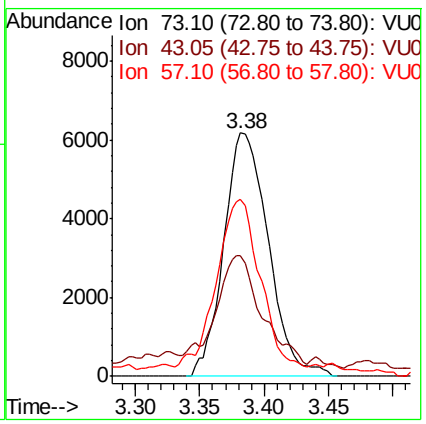


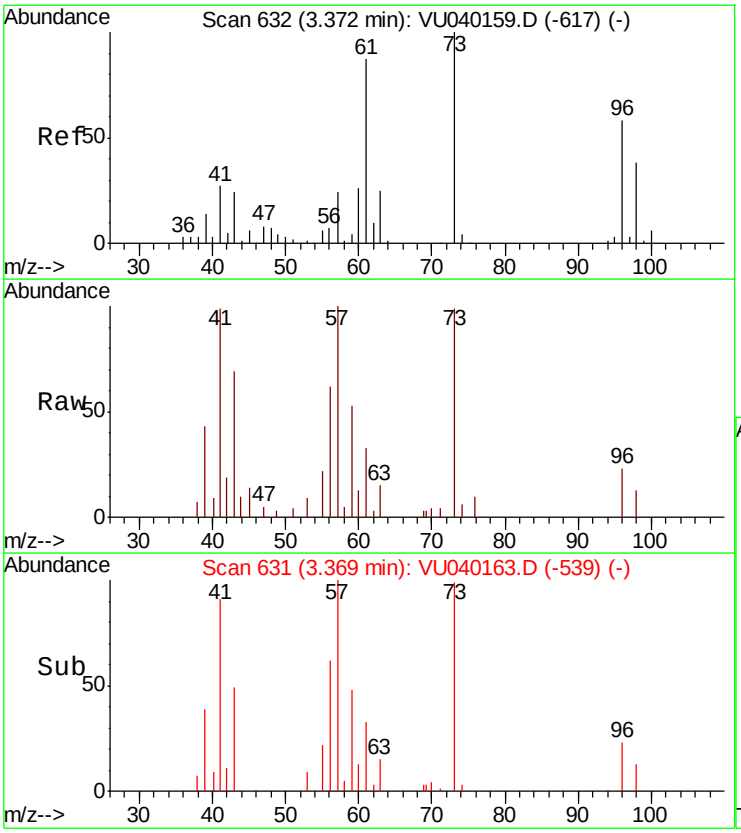
#17
Methyl tert-butyl Ether
Concen: 0.575 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument : MSVOA_U
ClientSampleId : BG0N9

Tgt Ion: 73 Resp: 14876

Ion	Ratio	Lower	Upper
73	100		
43	45.0	19.1	28.7#
57	67.9	18.3	27.5#

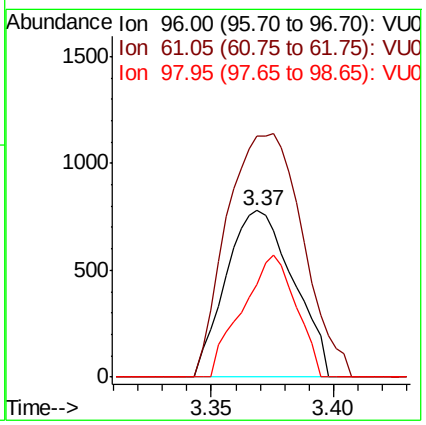


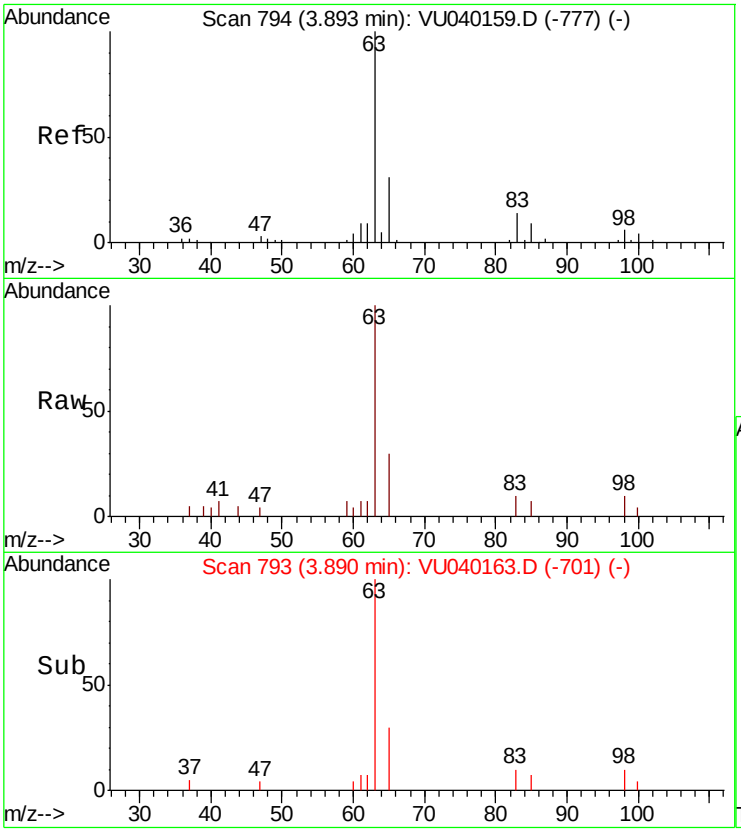


#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 96 Resp: 1498

Ion	Ratio	Lower	Upper
96	100		
61	144.6	110.5	205.3
98	55.9	43.2	80.2



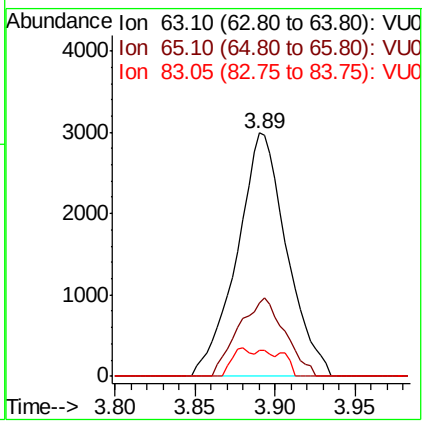


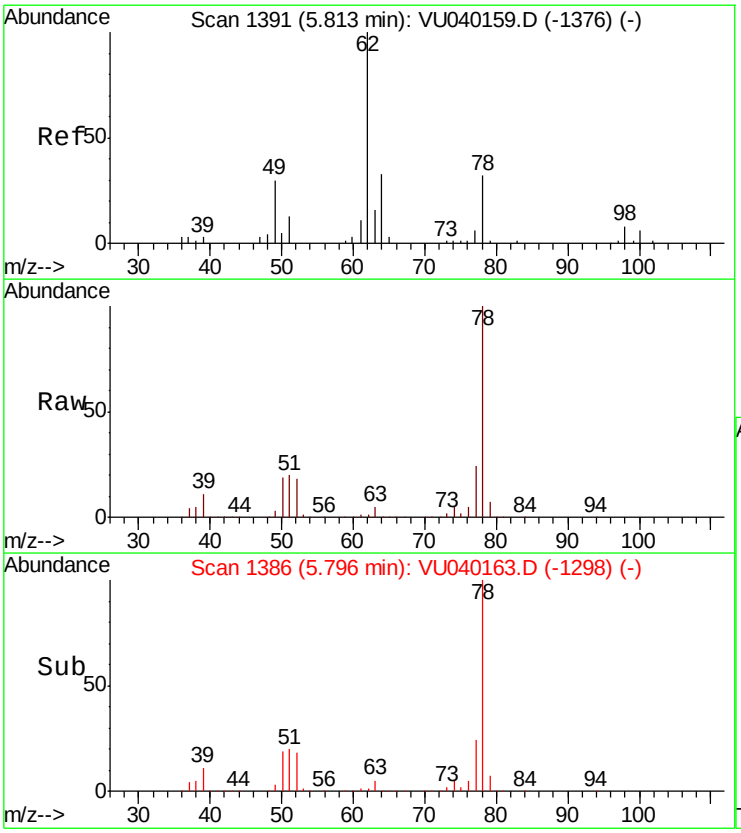
#19
1,1-Dichloroethane
Concen: 0.336 ug/L
RT: 3.89 min Scan# 793
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument : MSVOA_U
ClientSampleId : BG0N9

Tgt Ion: 63 Resp: 6382

Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.2	41.2
83	10.4	9.4	17.6

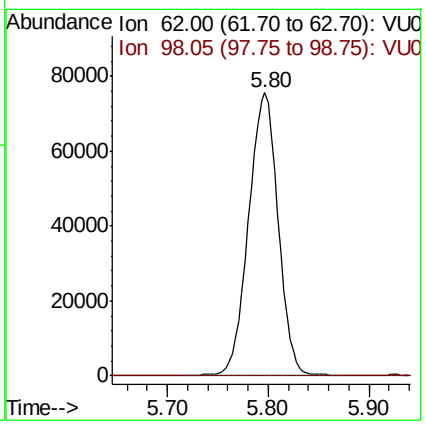


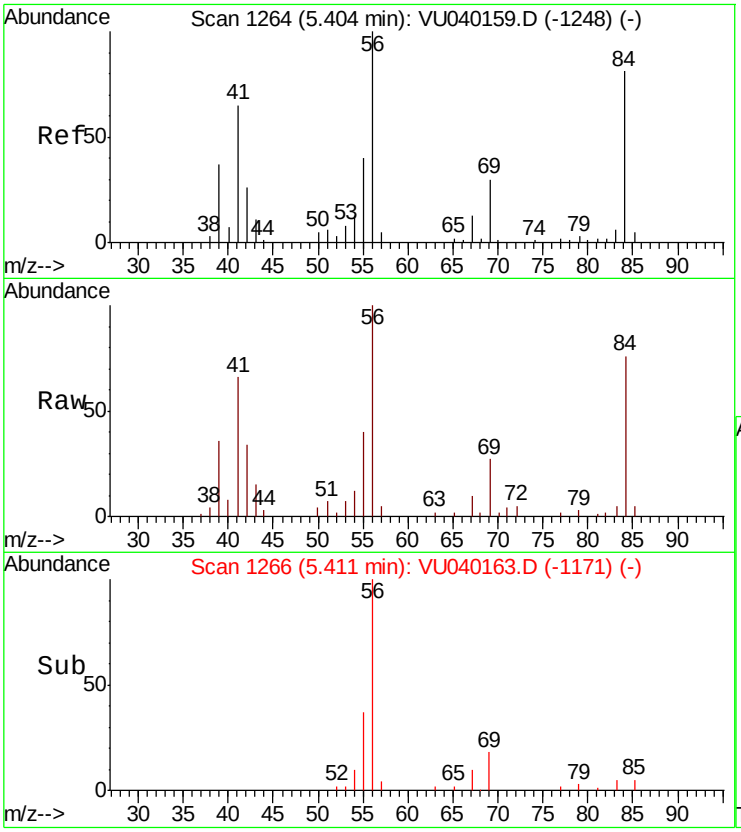


#27
1,2-Dichloroethane
Concen: 10.771 ug/L
RT: 5.80 min Scan# 1386
Delta R.T. -0.02 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 62 Resp: 153573

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#



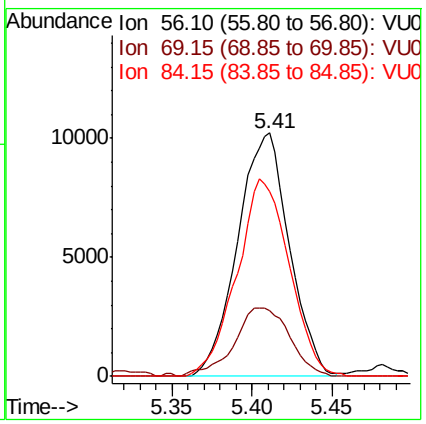


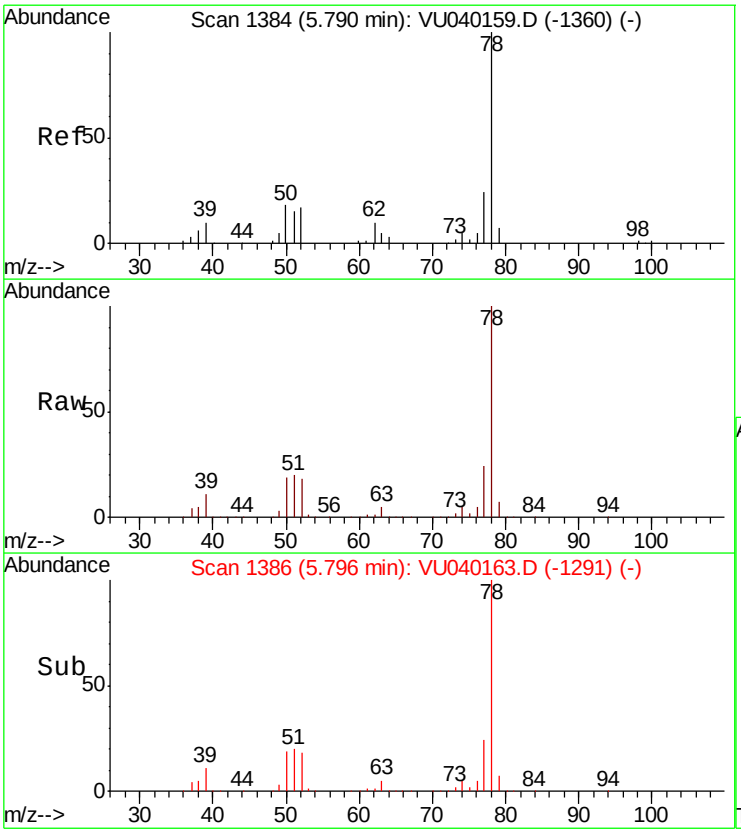
#30
Cyclohexane
Concen: 1.366 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument : MSVOA_U
ClientSampleId : BG0N9

Tgt Ion: 56 Resp: 22636

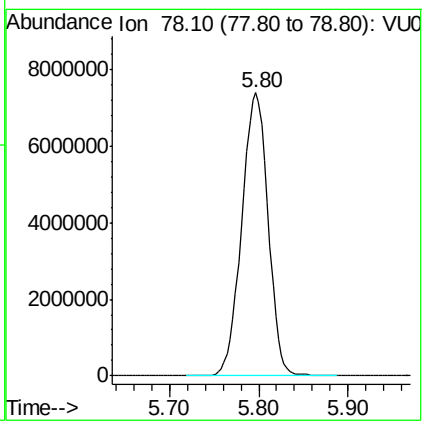
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.1	36.1
84	82.3	65.0	97.4

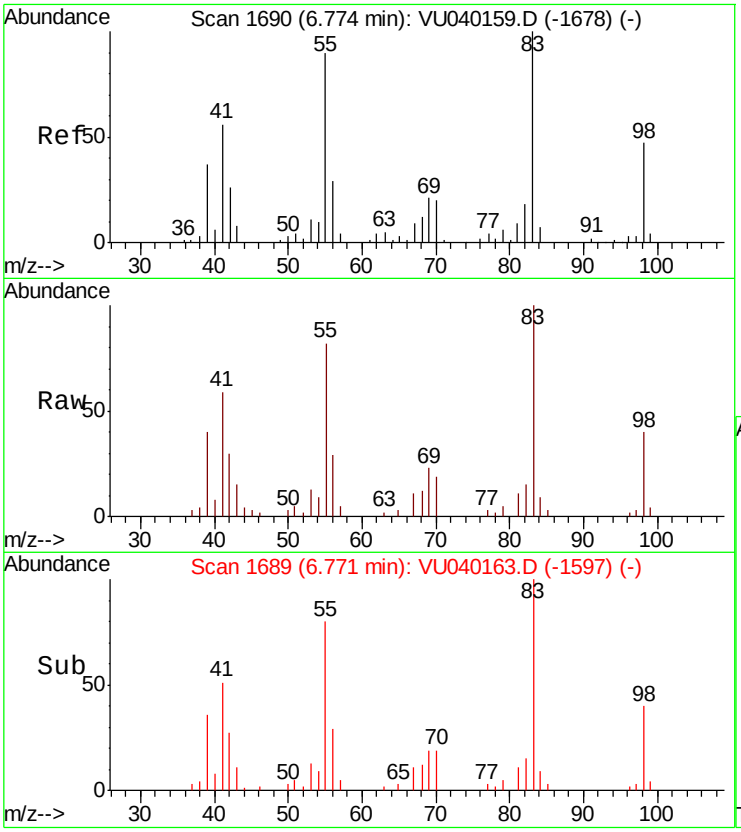




#33
Benzene
Concen: 389.677 ug/L
RT: 5.80 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 78 Resp:15167738



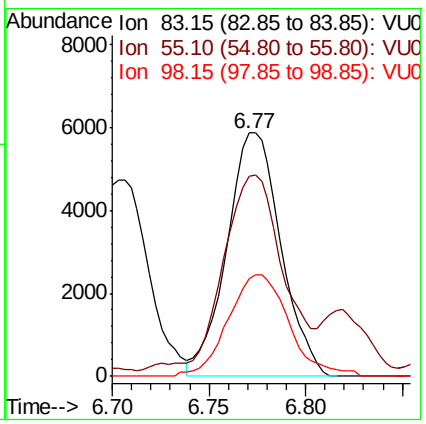


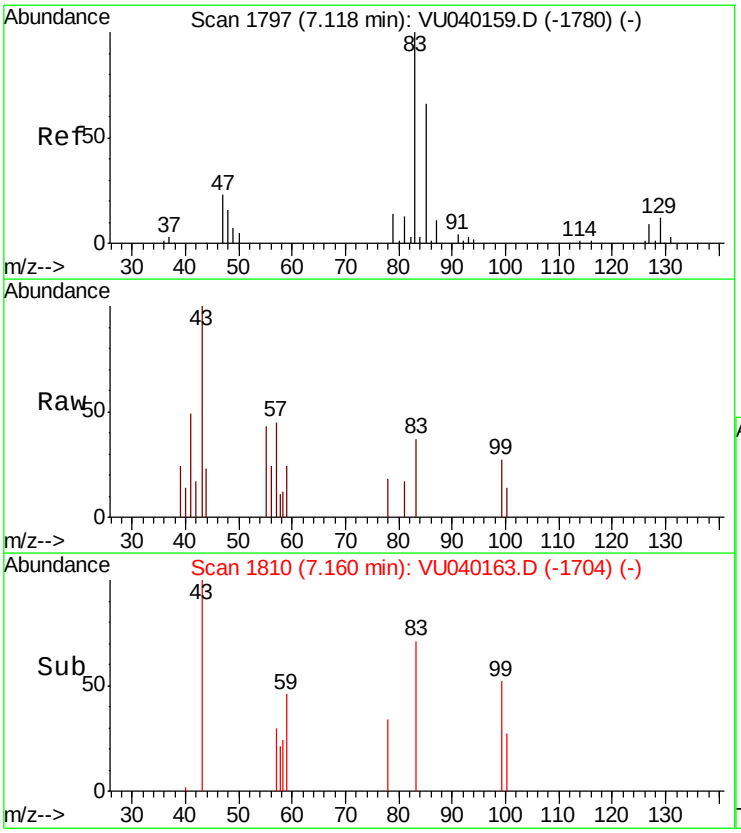
#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion: 83 Resp: 11423

Ion	Ratio	Lower	Upper
83	100		
55	89.2	70.5	105.7
98	46.7	37.8	56.6

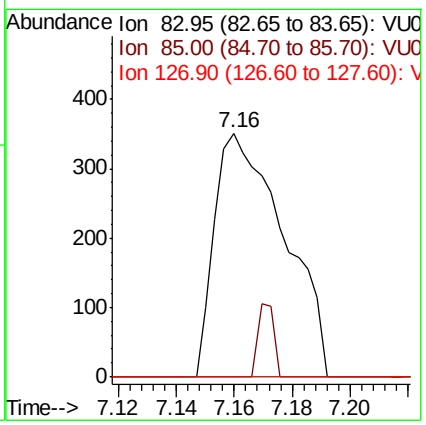


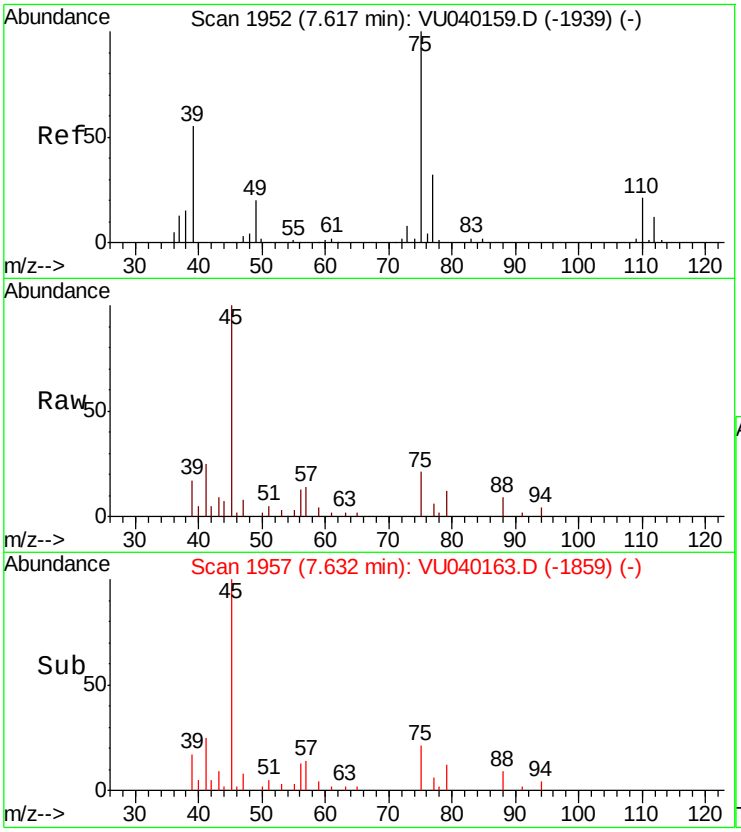


#38
Bromodichloromethane
Concen: 0.041 ug/L
RT: 7.16 min Scan# 1810
Delta R.T. 0.04 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 83 Resp: 584

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.1	83.9#
127	0.0	6.7	10.1#



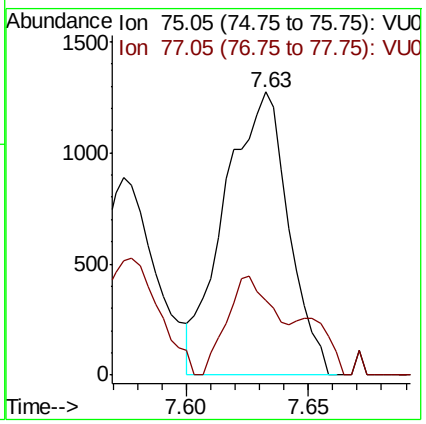


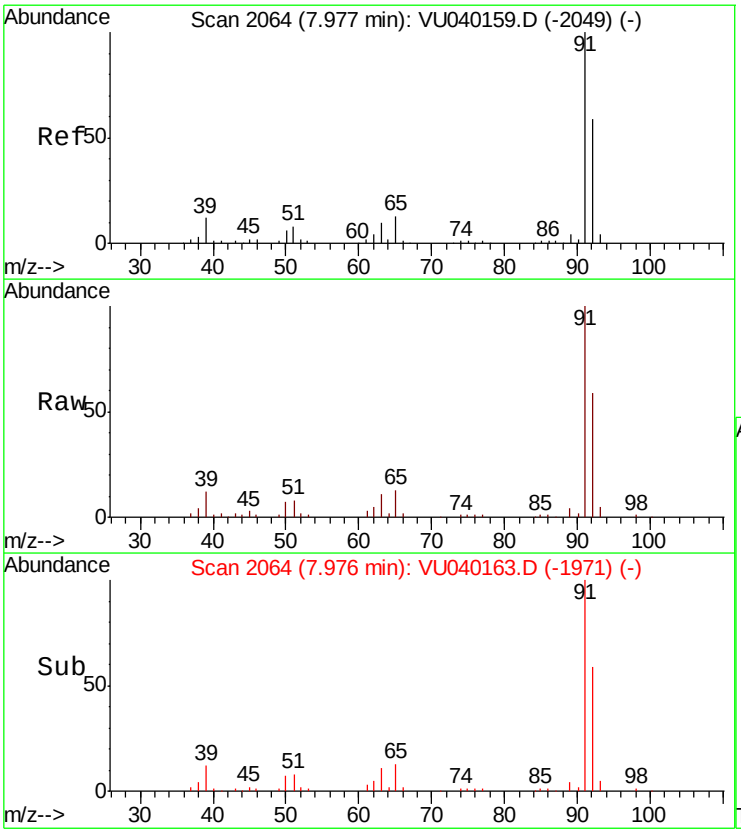
#39
cis-1,3-Dichloropropene
Concen: 0.149 ug/L
RT: 7.63 min Scan# 1957
Delta R.T. 0.02 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion: 75 Resp: 2310

Ion	Ratio	Lower	Upper
75	100		
77	26.3	21.1	39.3

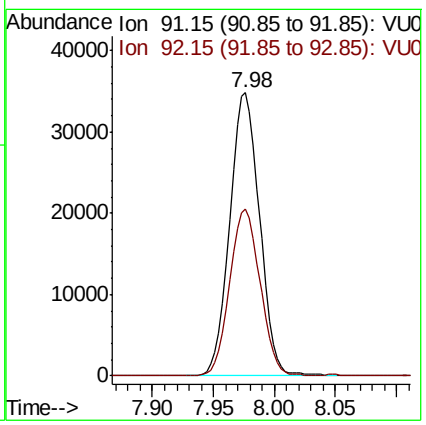


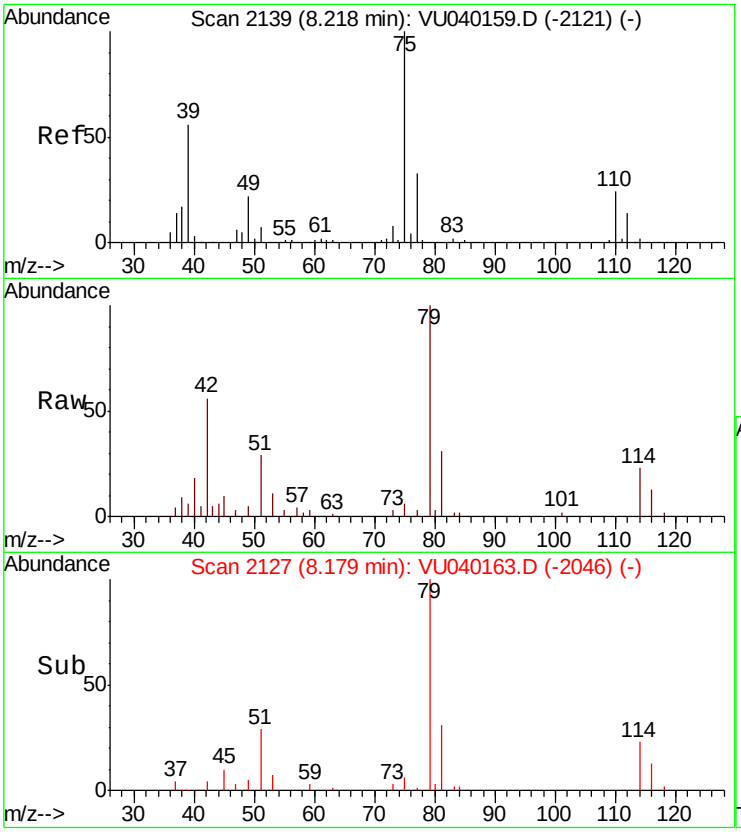


#42
Toluene
Concen: 1.477 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 91 Resp: 59195

Ion	Ratio	Lower	Upper
91	100		
92	59.2	40.7	75.5



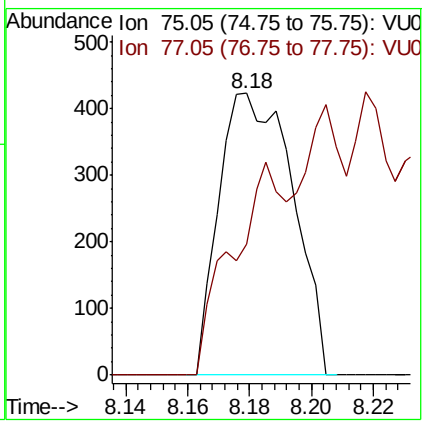


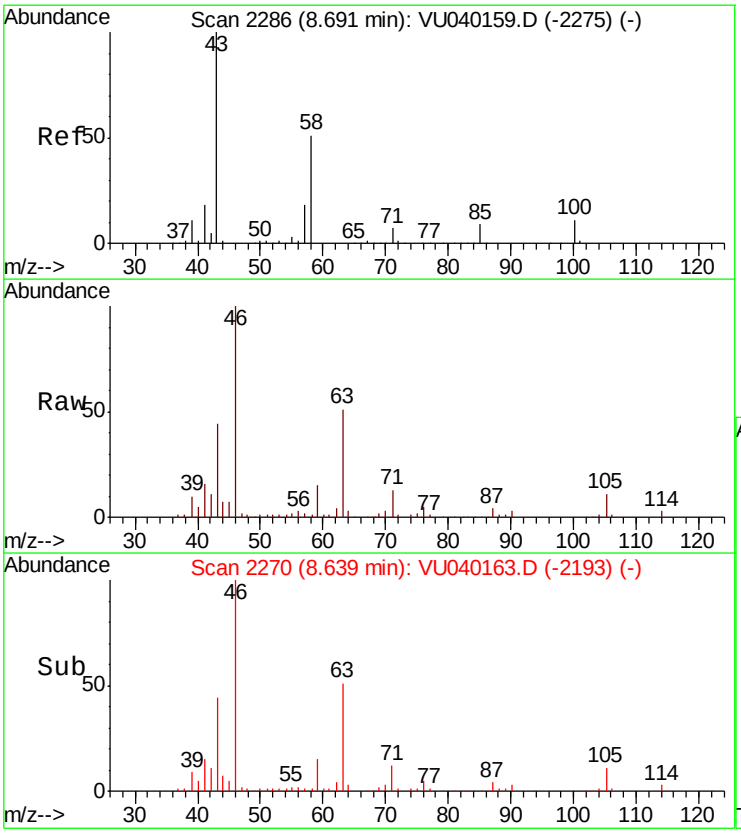
#44
trans-1,3-Dichloropropene
Concen: 0.049 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion: 75 Resp: 701

Ion	Ratio	Lower	Upper
75	100		
77	46.6	23.9	44.3#

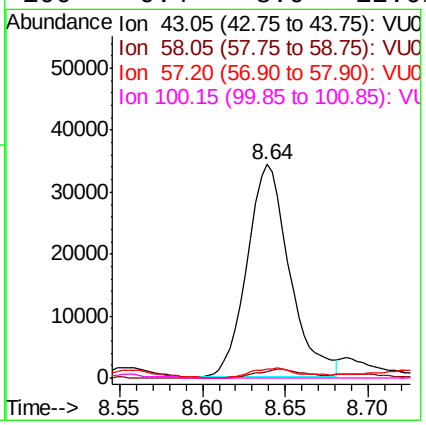


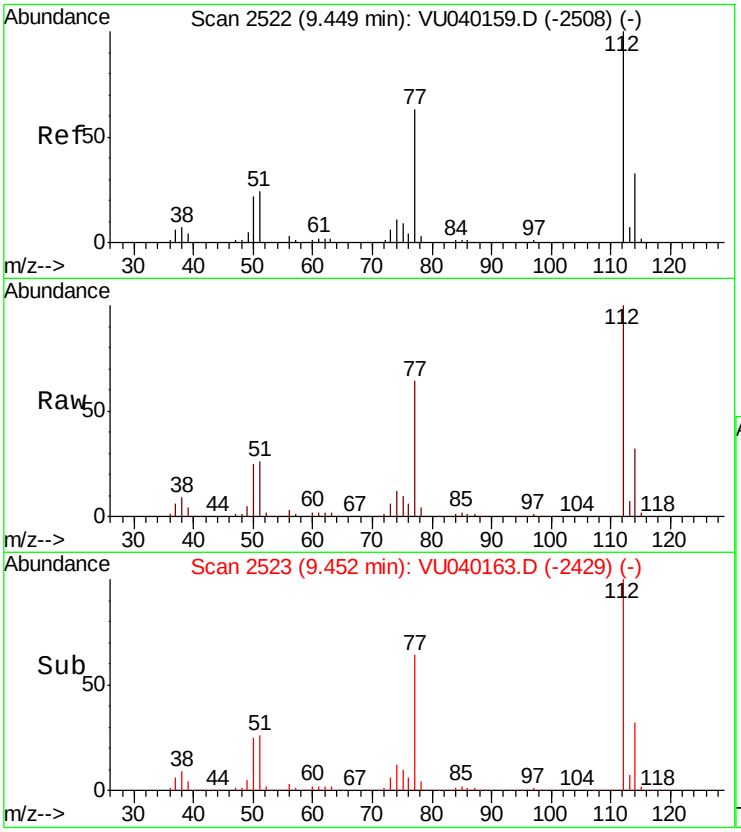


#48
2-Hexanone
Concen: 9.724 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 43 Resp: 61335

Ion	Ratio	Lower	Upper
43	100		
58	4.6	39.6	59.4#
57	4.7	14.3	21.5#
100	0.4	8.0	12.0#



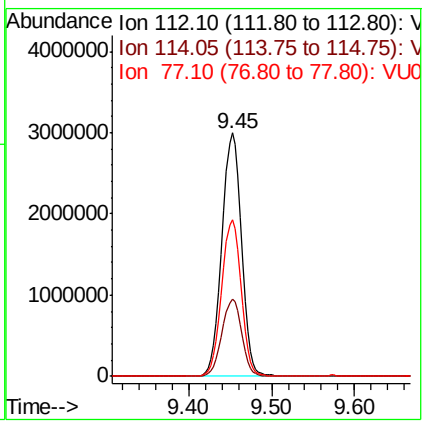


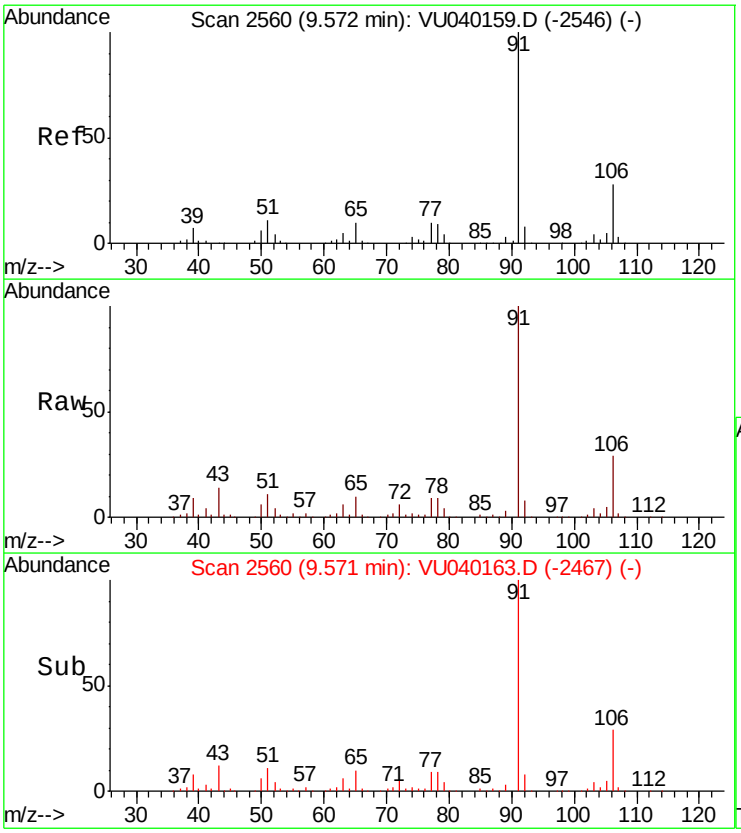
#51
Chlorobenzene
Concen: 196.863 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument : MSVOA_U
ClientSampleId : BG0N9

Tgt Ion:112 Resp: 4899401

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	64.5	53.2	79.8

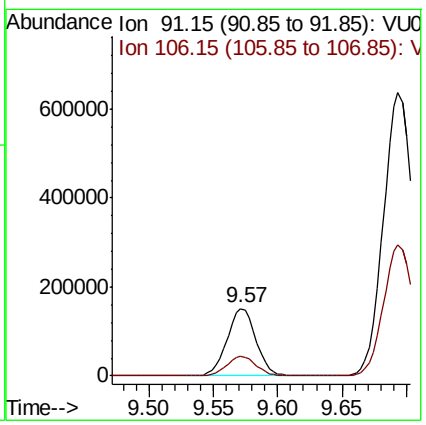


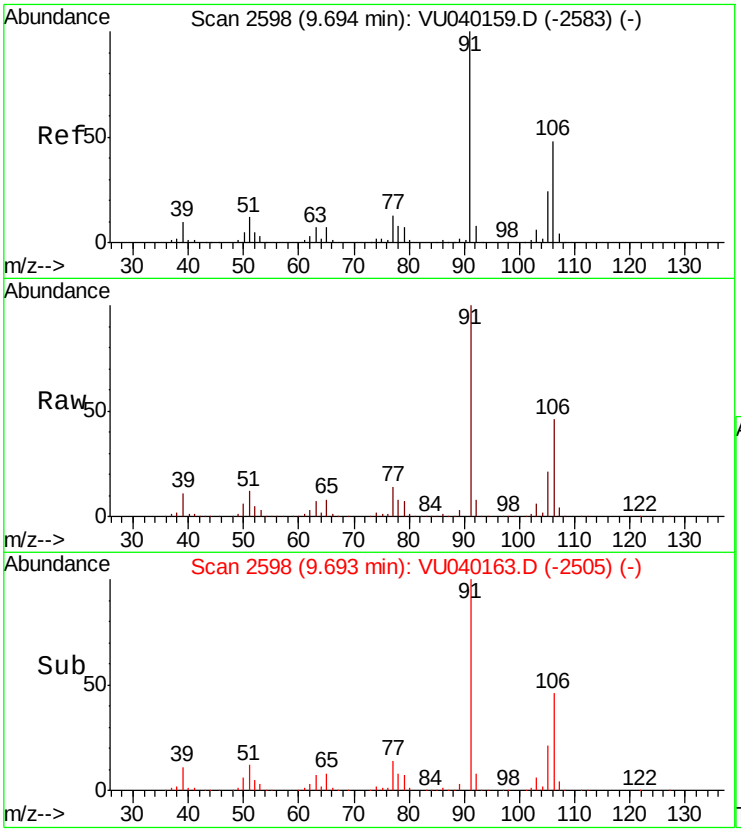


#52
Ethylbenzene
Concen: 5.170 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion: 91 Resp: 235477

Ion	Ratio	Lower	Upper
91	100		
106	28.9	21.0	39.0



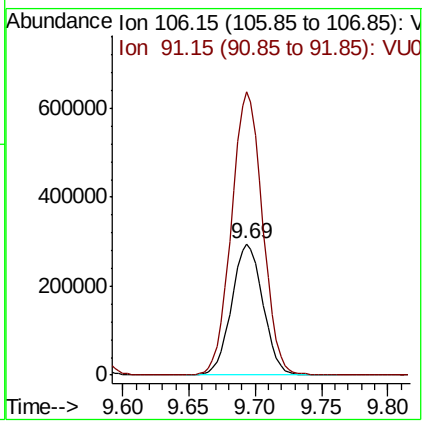


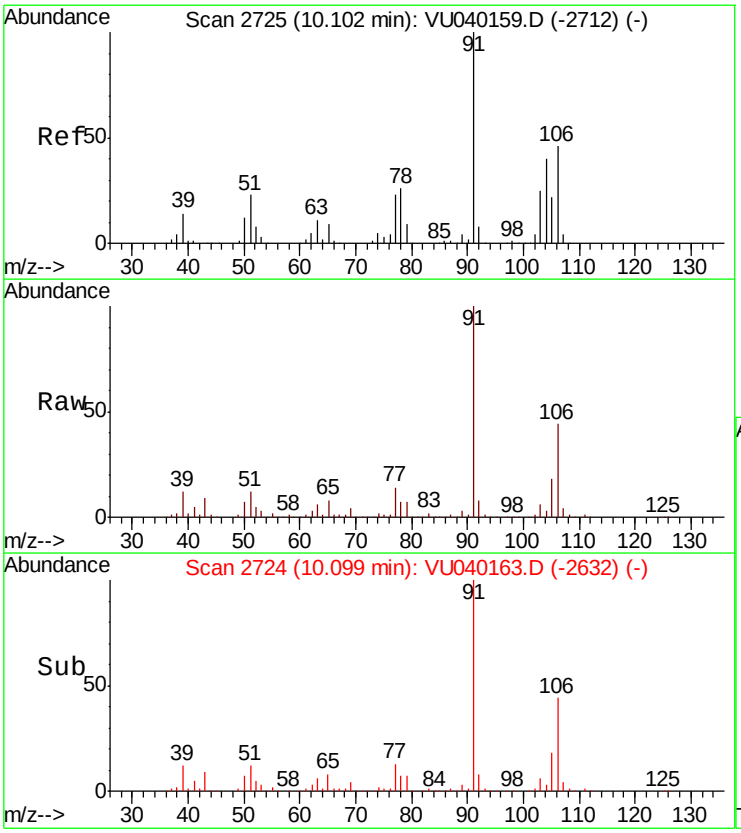
#53
m,p-Xylene
Concen: 29.819 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion:106 Resp: 483540

Ion	Ratio	Lower	Upper
106	100		
91	215.8	151.7	281.7

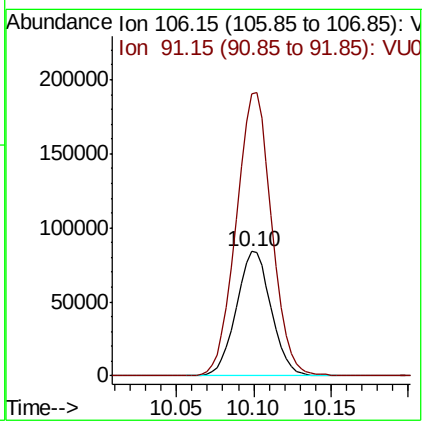


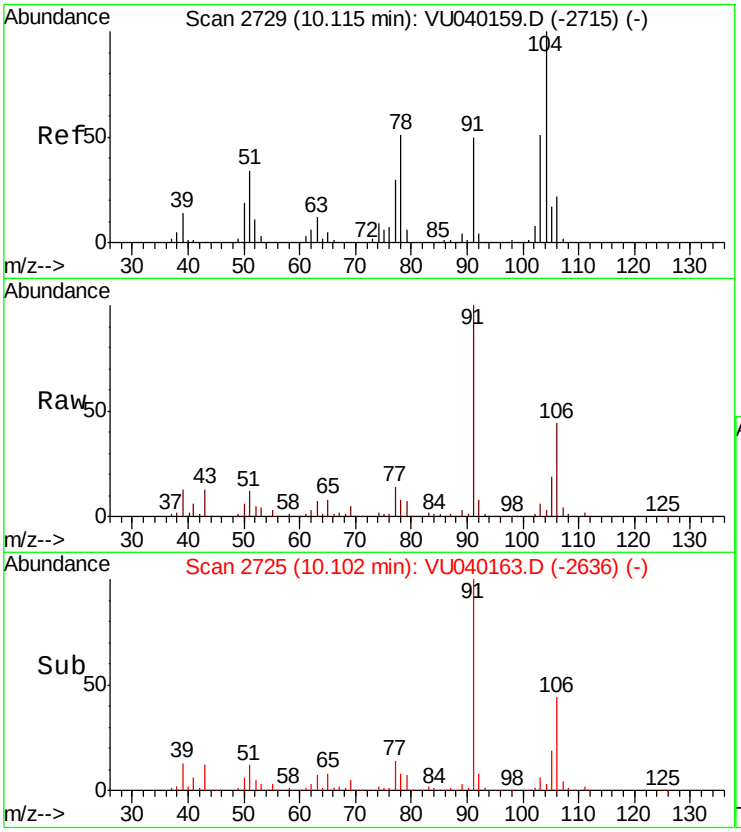


#54
o-Xylene
Concen: 8.518 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion:106 Resp: 131625

Ion	Ratio	Lower	Upper
106	100		
91	226.2	160.8	298.6



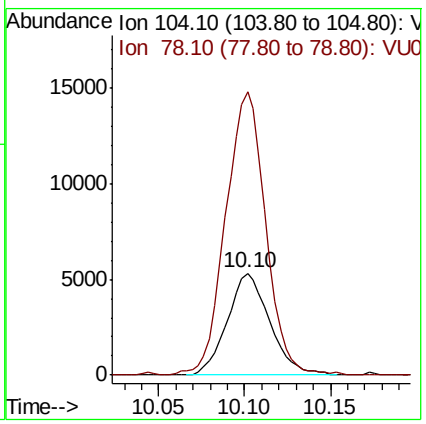


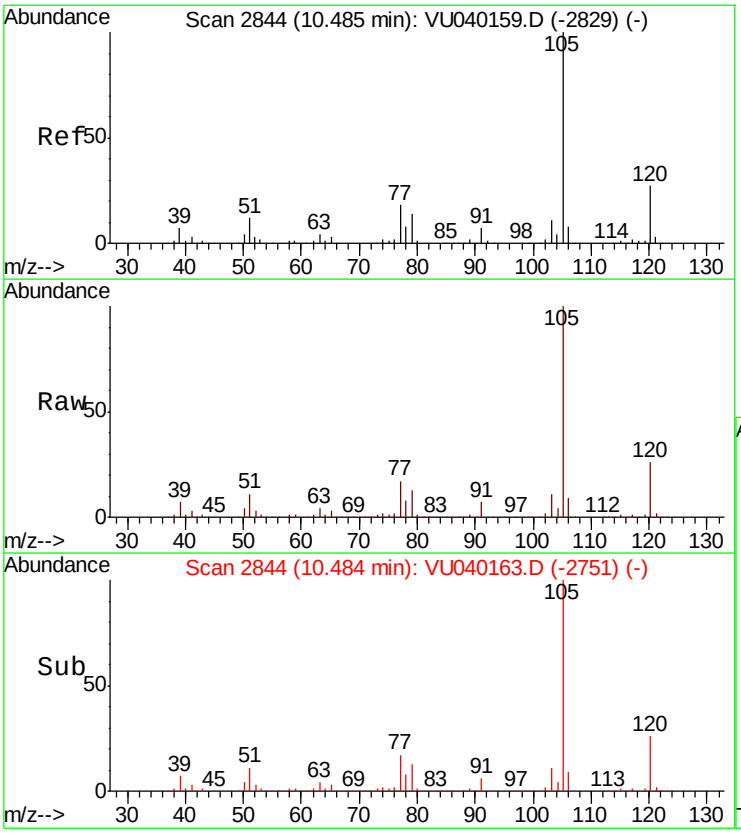
#55
Stvrene
Concen: 0.340 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.01 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion:104 Resp: 9128

Ion	Ratio	Lower	Upper
104	100		
78	276.9	36.8	68.3#

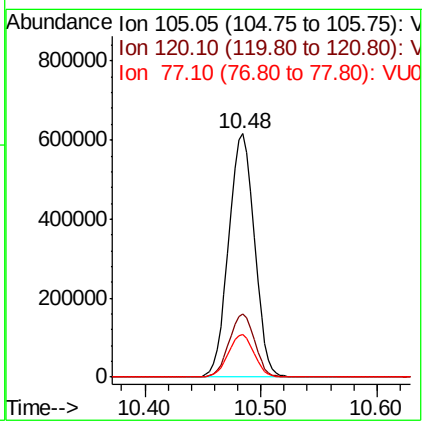


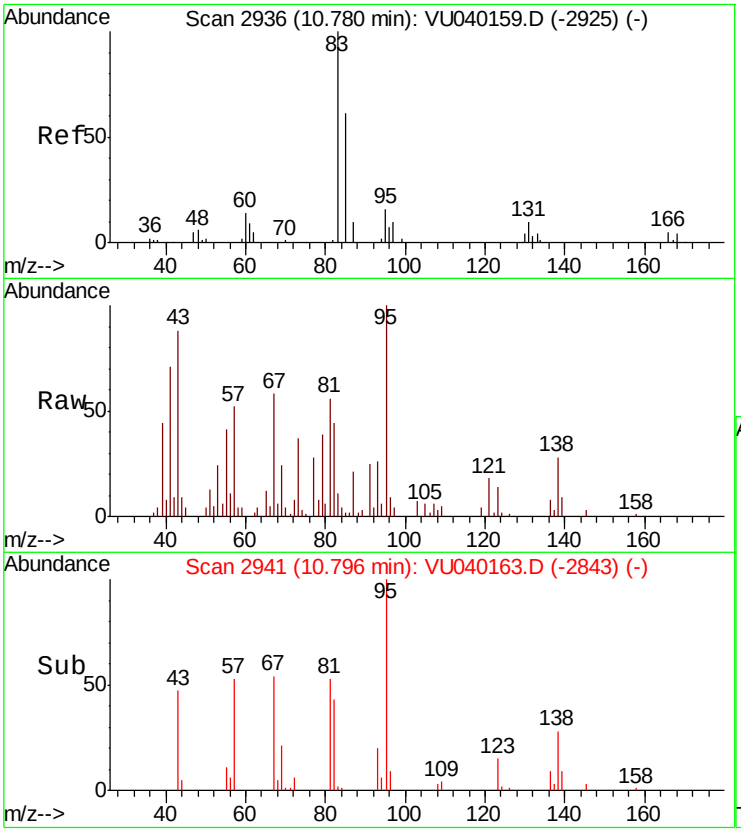


#56
Isopropylbenzene
Concen: 22.457 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion:105 Resp: 946379

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.1	30.1
77	17.5	14.4	21.6



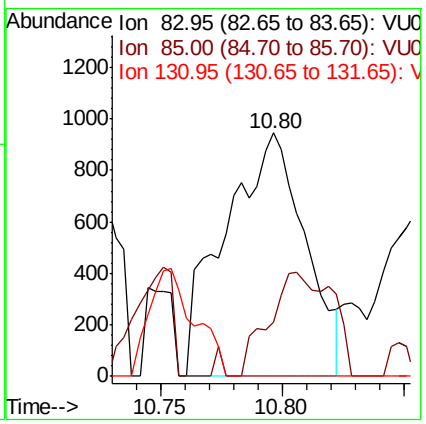


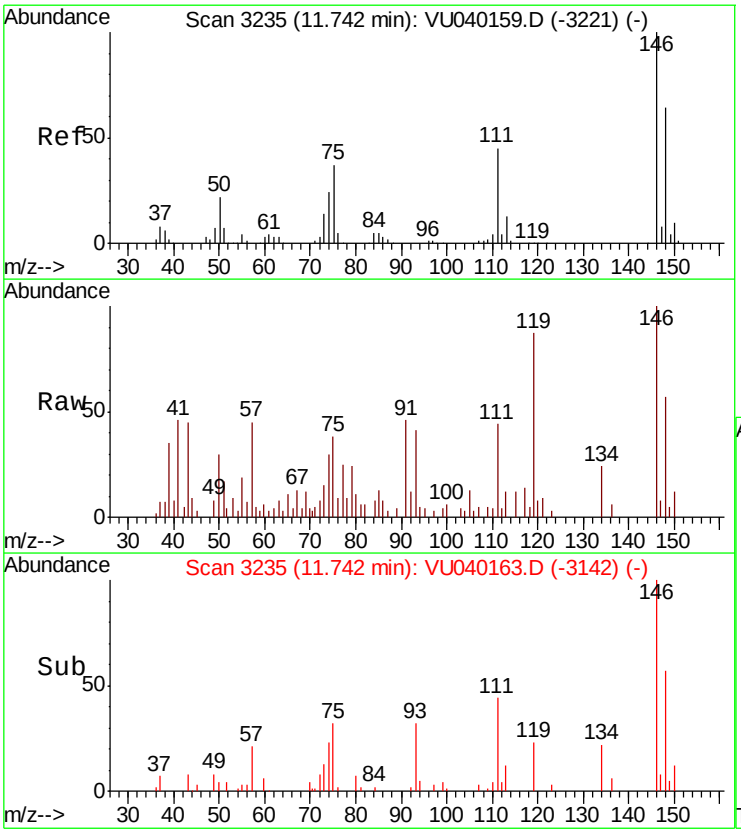
#58
1,1,2,2-Tetrachloroethane
Concen: 0.219 ug/L
RT: 10.80 min Scan# 2941
Delta R.T. 0.02 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument : MSVOA_U
ClientSampleId : BG0N9

Tgt Ion: 83 Resp: 2155

Ion	Ratio	Lower	Upper
83	100		
85	22.2	44.9	83.3#
131	0.0	7.4	11.0#

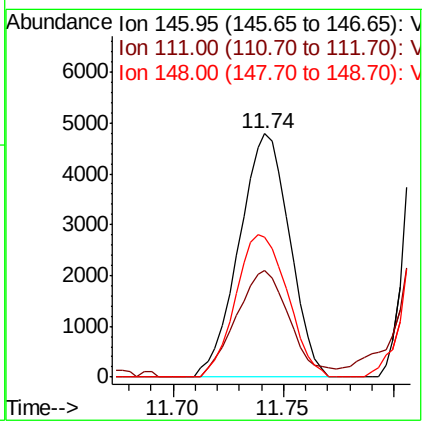


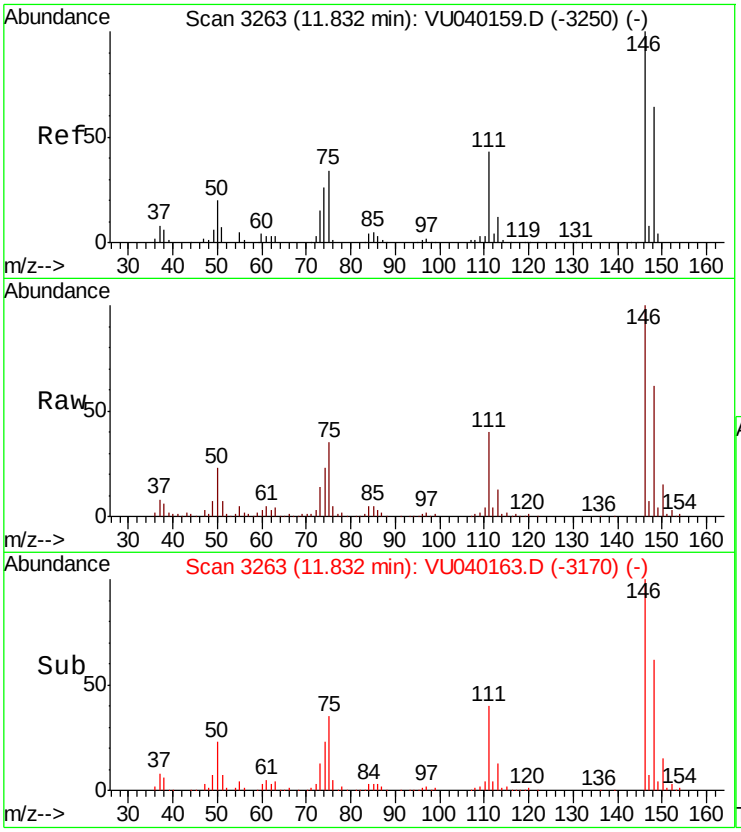


#62
1,3-Dichlorobenzene
Concen: 0.403 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion:146 Resp: 7588

Ion	Ratio	Lower	Upper
146	100		
111	43.7	31.6	58.8
148	57.5	44.2	82.0



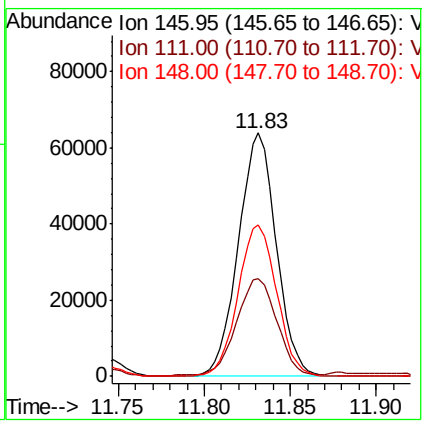


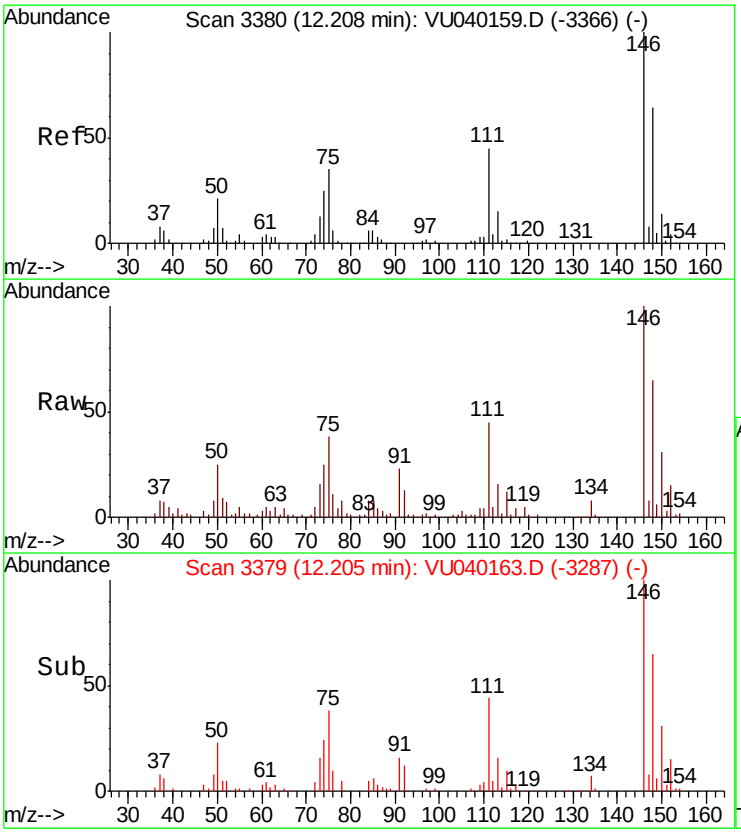
#63
1,4-Dichlorobenzene
Concen: 5.131 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion:146 Resp: 97712

Ion	Ratio	Lower	Upper
146	100		
111	40.2	30.5	56.7
148	62.1	45.4	84.4

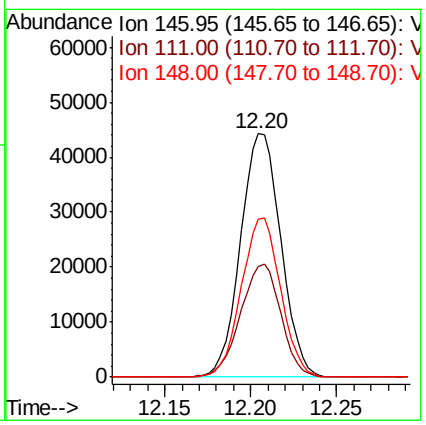


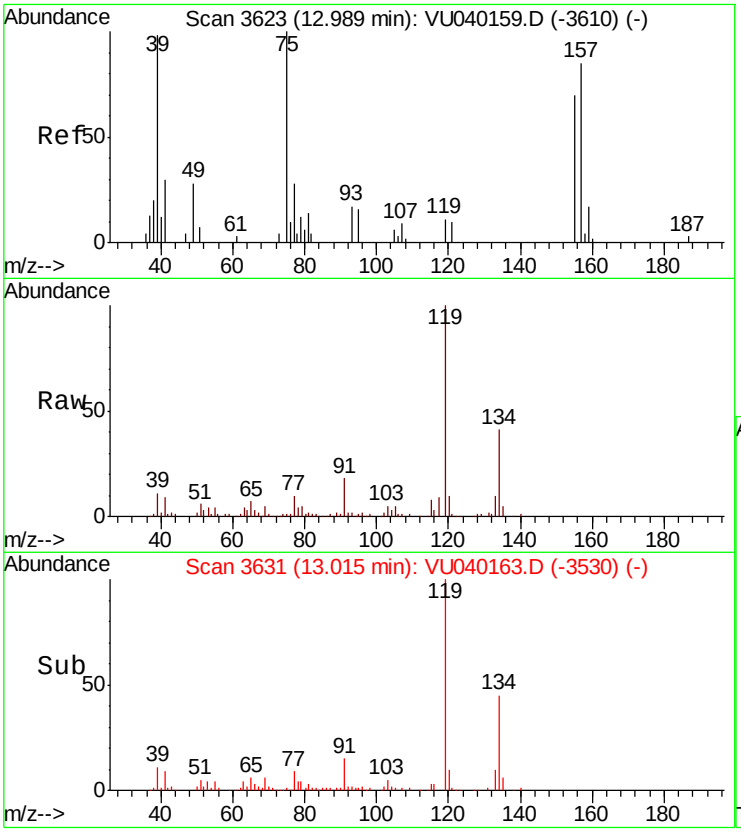


#65
1,2-Dichlorobenzene
Concen: 3.965 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion:146 Resp: 72208

Ion	Ratio	Lower	Upper
146	100		
111	45.3	36.5	54.7
148	65.0	48.6	72.8



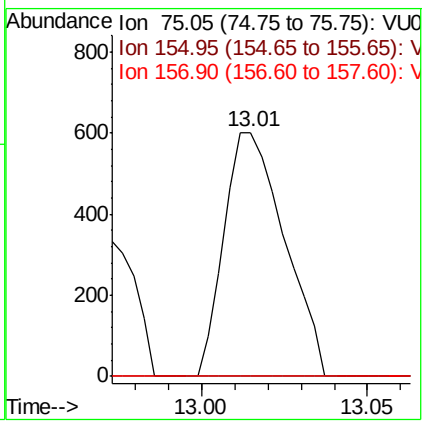


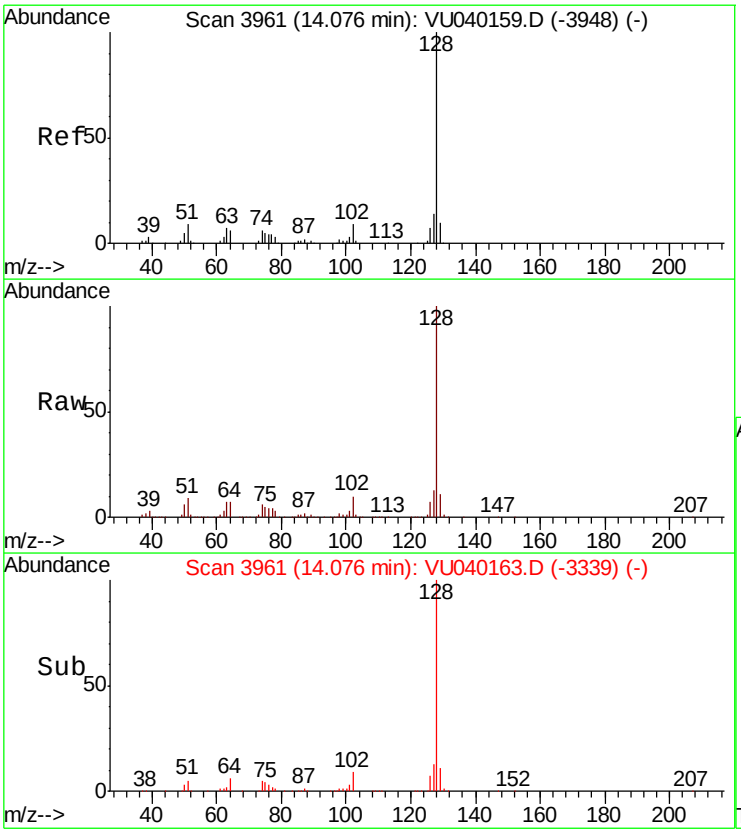
#66
1,2-Dibromo-3-chloropropane
Concen: 0.392 ug/L
RT: 13.01 min Scan# 3631
Delta R.T. 0.03 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Instrument :
MSVOA_U
ClientSampleId :
BG0N9

Tgt Ion: 75 Resp: 763

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.6	82.0#
157	0.0	75.6	113.4#





#69
Naphthalene
Concen: 11.573 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040163.D
Acq: 16 Sep 2020 21:54

Tgt Ion:128 Resp: 274979

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.6	10.7	16.1