Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040318.D
Acq On : 25 Sep 2020 22:29
Operator : SY/MD
Sample : L4139-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG491

Quant Time: Sep 28 09:47:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	148076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71224	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33933	4.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.00%			
7) Chloroethane-d5	1.92	69	33252	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.57	63	53727	2.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.80%#			
20) 2-Butanone-d5	4.73	46	142002	43.91	ug/L	0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.82%			
24) Chloroform-d	5.08	84	80086	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	5.72	65	49012	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
32) Benzene-d6	5.74	84	153464	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.70	67	54025	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.90	98	132312	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19038	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.65	63	110131	46.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.34%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	45239	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53171	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	2209	0.157	ug/L	99
5) Vinyl chloride	1.60	62	130560	9.153	ug/L	97
8) Chloroethane	1.94	64	1098906	128.198	ug/L	99
13) Acetone	2.77	43	524311	175.147	ug/L	98
14) Carbon disulfide	2.80	76	11048	0.301	ug/L	99
19) 1,1-Dichloroethane	3.88	63	121299	4.780	ug/L	100
21) 2-Butanone	4.80	43	73079	14.953	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	1110973	83.816	ug/L	99
30) Cyclohexane	5.39	56	45493	2.120	ug/L	94
33) Benzene	5.79	78	4083739	81.003	ug/L	100
34) Trichloroethene	6.55	95	4243	0.314	ug/L	90
35) Methylcyclohexane	6.77	83	68574	3.312	ug/L	92
40) 4-Methyl-2-pentanone	7.82	43	53195	4.749	ug/L	100
42) Toluene	7.98	91	15474041	298.040	ug/L	96
47) Tetrachloroethene	8.56	164	6274	0.706	ug/L	91
51) Chlorobenzene	9.45	112	3980894	123.498	ug/L	98
52) Ethylbenzene	9.57	91	2847334	48.267	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040318.D
Acq On : 25 Sep 2020 22:29
Operator : SY/MD
Sample : L4139-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG491

Quant Time: Sep 28 09:47:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.70	106	4254084	202.547	ug/L	98
54) o-Xylene	10.10	106	963115	48.121	ug/L	99
56) Isopropylbenzene	10.48	105	522919	9.580	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	18171	0.698	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	144475	5.485	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	102381	4.064	ug/L	96

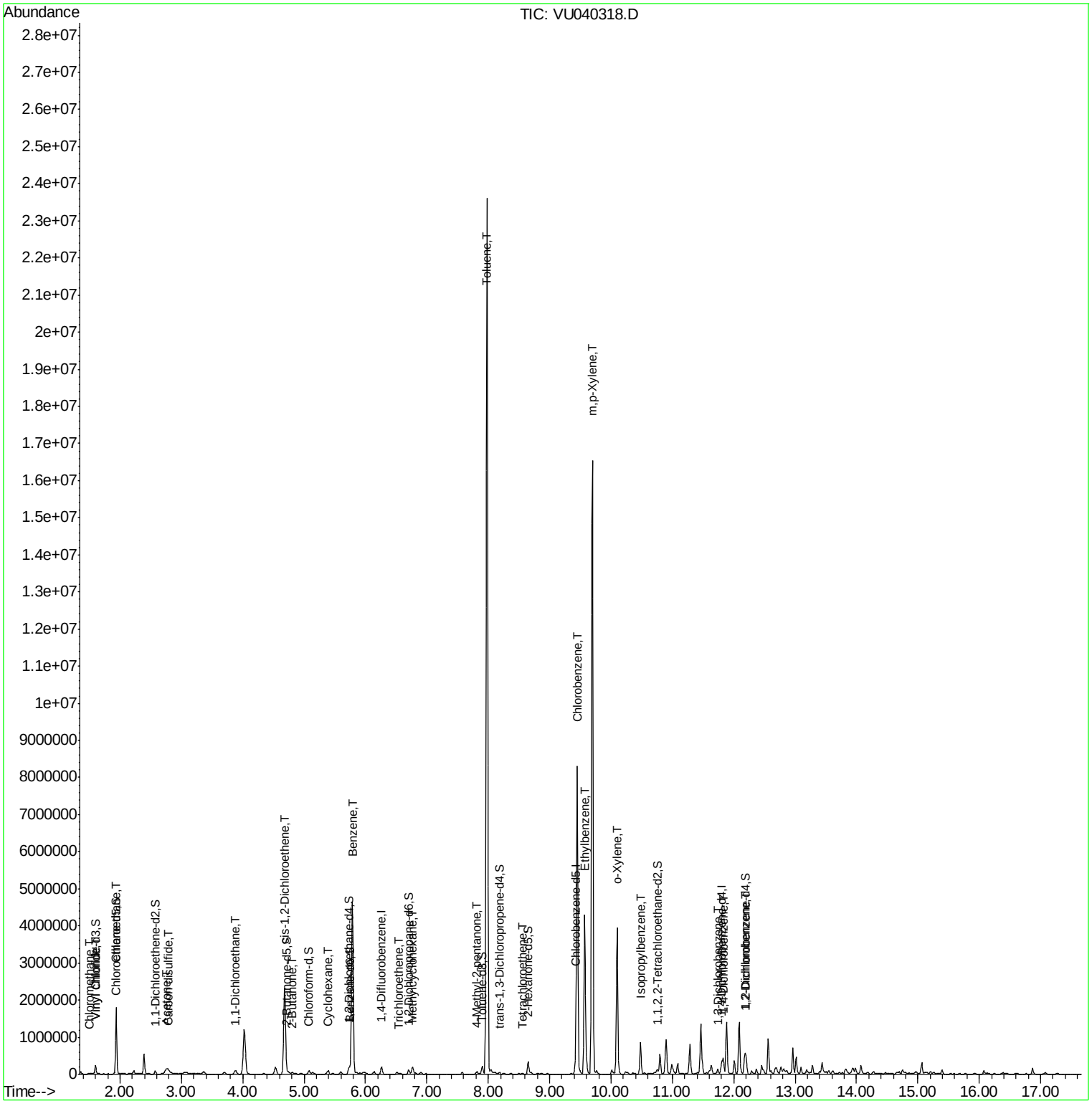
(#) = qualifier out of range (m) = manual integration (+) = signals summed

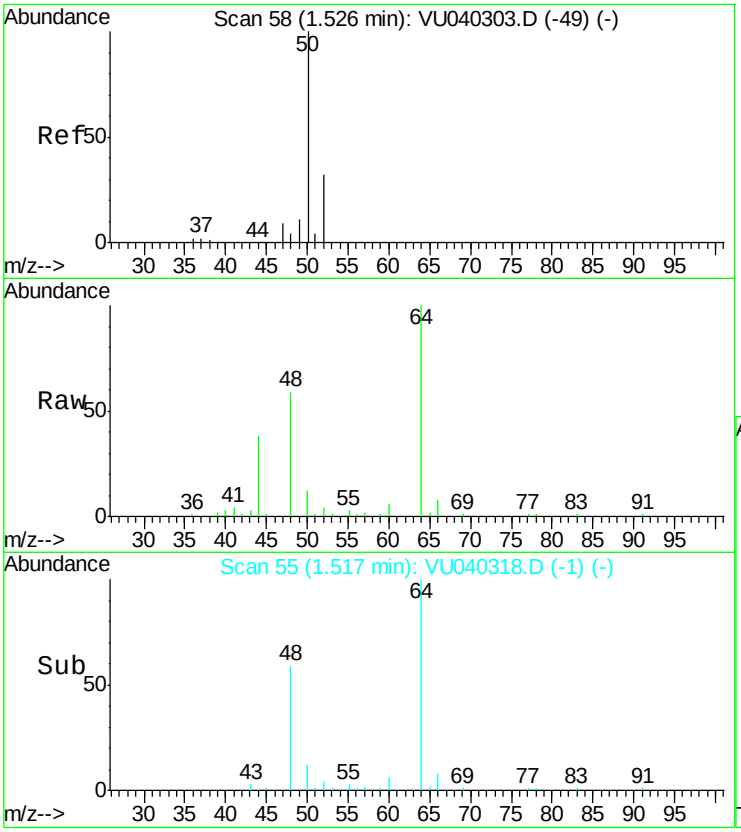
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
Data File : VU040318.D
Acq On : 25 Sep 2020 22:29
Operator : SY/MD
Sample : L4139-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG491

Quant Time: Sep 28 09:47:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration



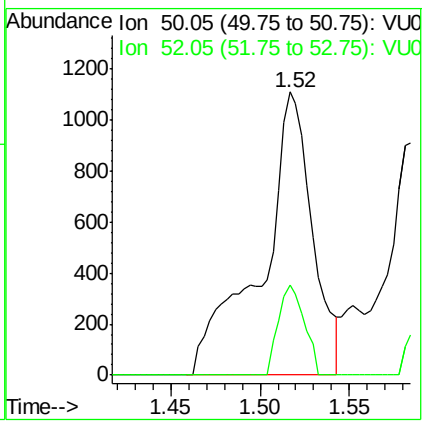


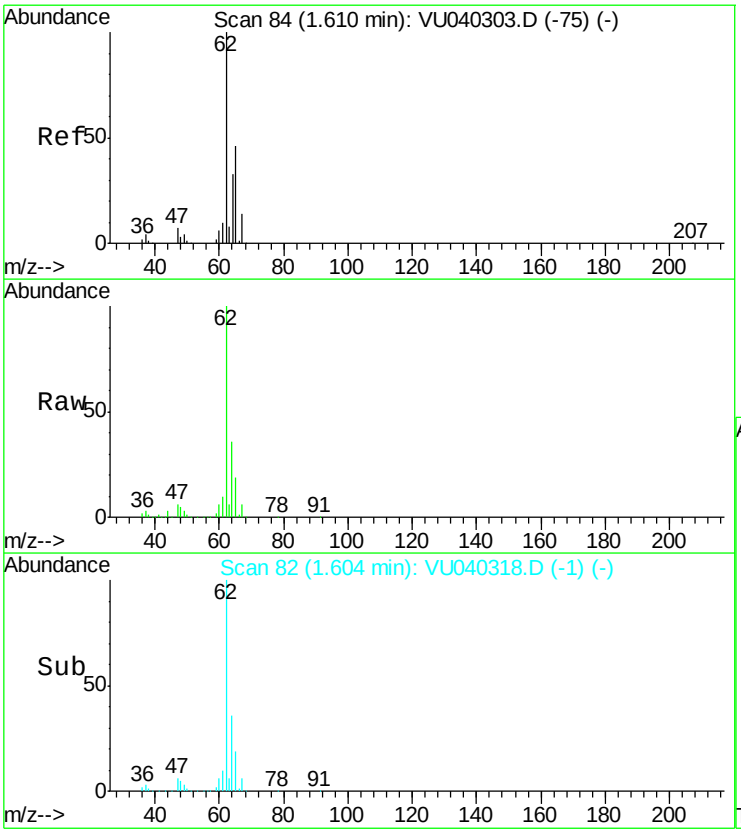
#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.52 min Scan# 55
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion: 50 Resp: 2209

Ion	Ratio	Lower	Upper
50	100		
52	31.8	22.8	42.4

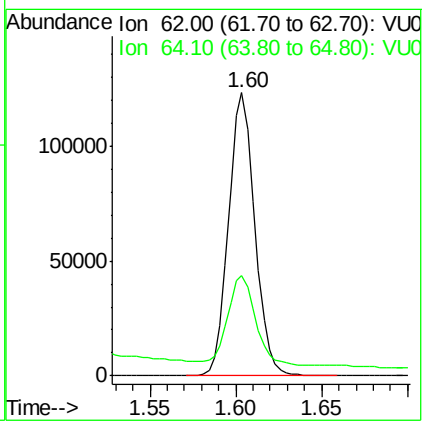


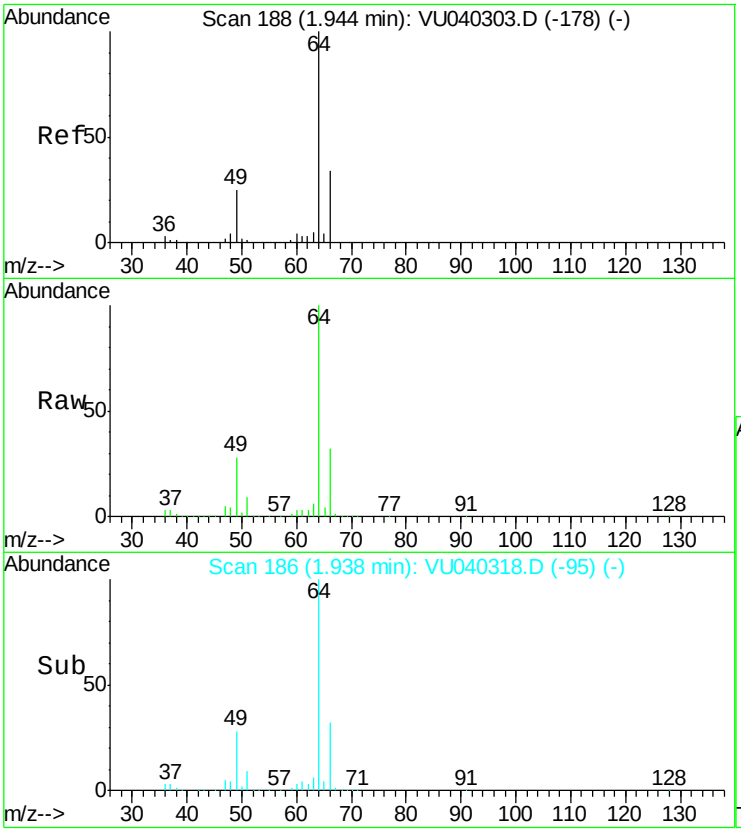


#5
Vinyl chloride
Concen: 9.153 ug/L
RT: 1.60 min Scan# 82
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion: 62 Resp: 130560

Ion	Ratio	Lower	Upper
62	100		
64	35.6	23.9	44.3



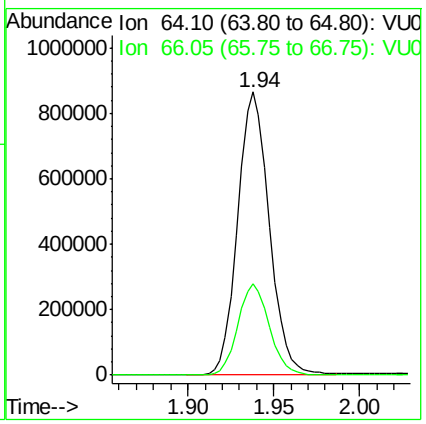


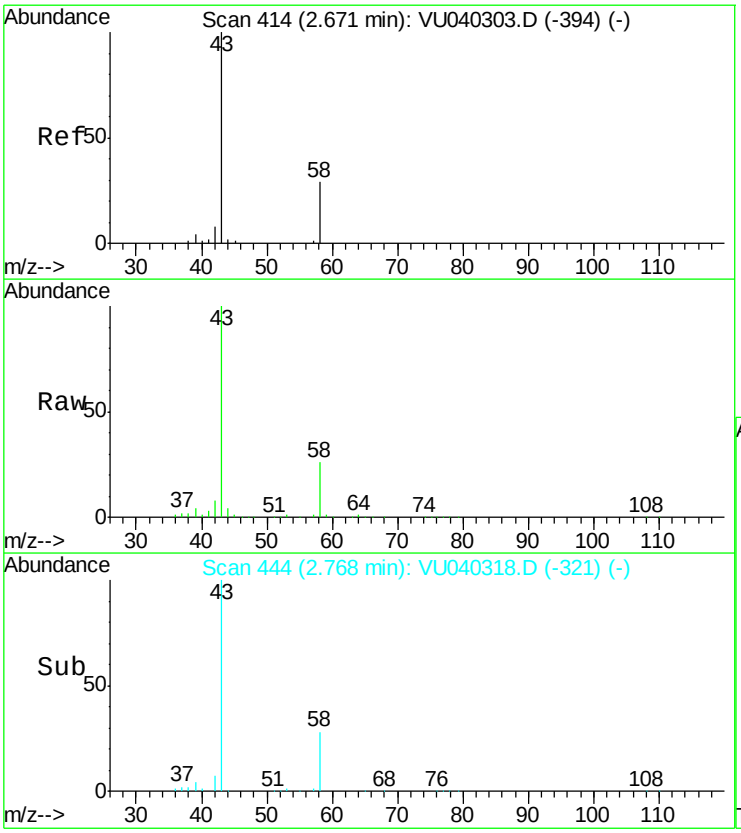
#8
Chloroethane
Concen: 128.198 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion: 64 Resp: 1098906

Ion	Ratio	Lower	Upper
64	100		
66	32.1	22.7	42.1

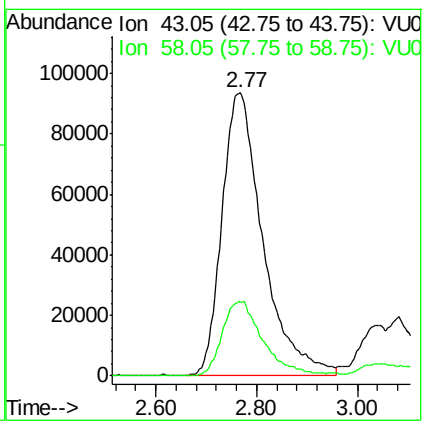


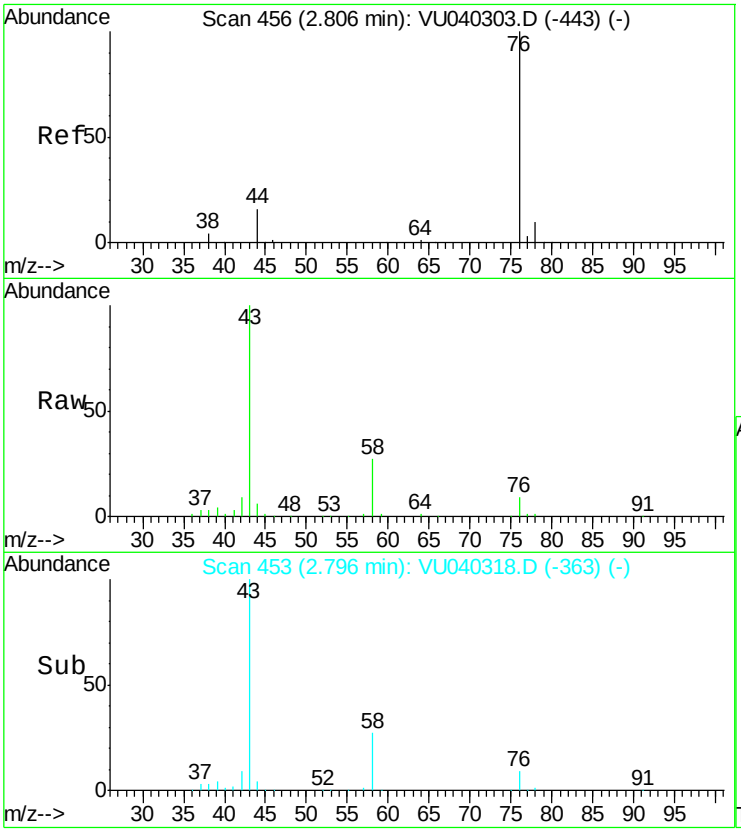


#13
Acetone
Concen: 175.147 ug/L
RT: 2.77 min Scan# 444
Delta R.T. 0.10 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion: 43 Resp: 524311

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	55.4



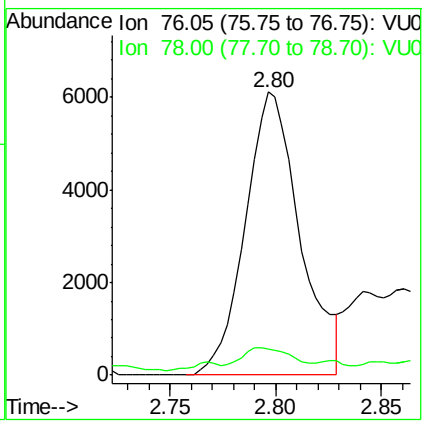


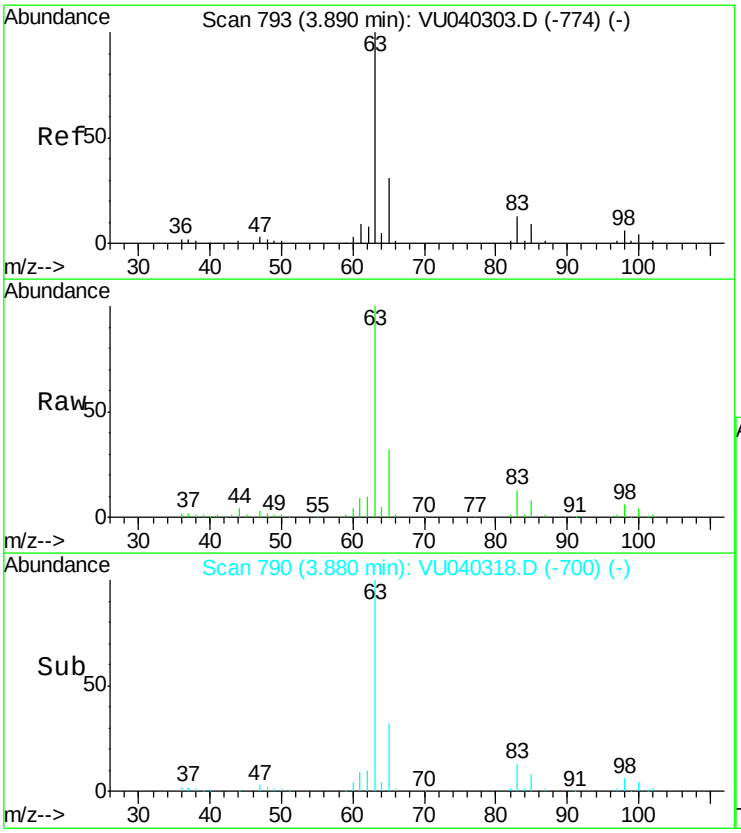
#14
Carbon disulfide
Concen: 0.301 ug/L
RT: 2.80 min Scan# 453
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion: 76 Resp: 11048

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

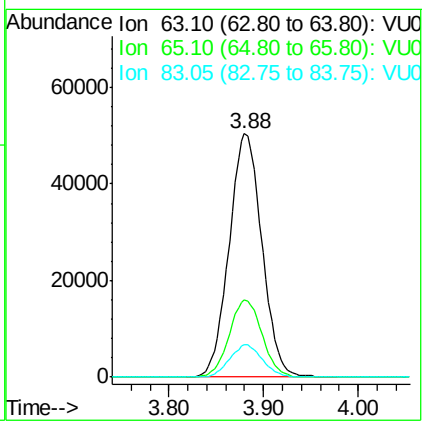


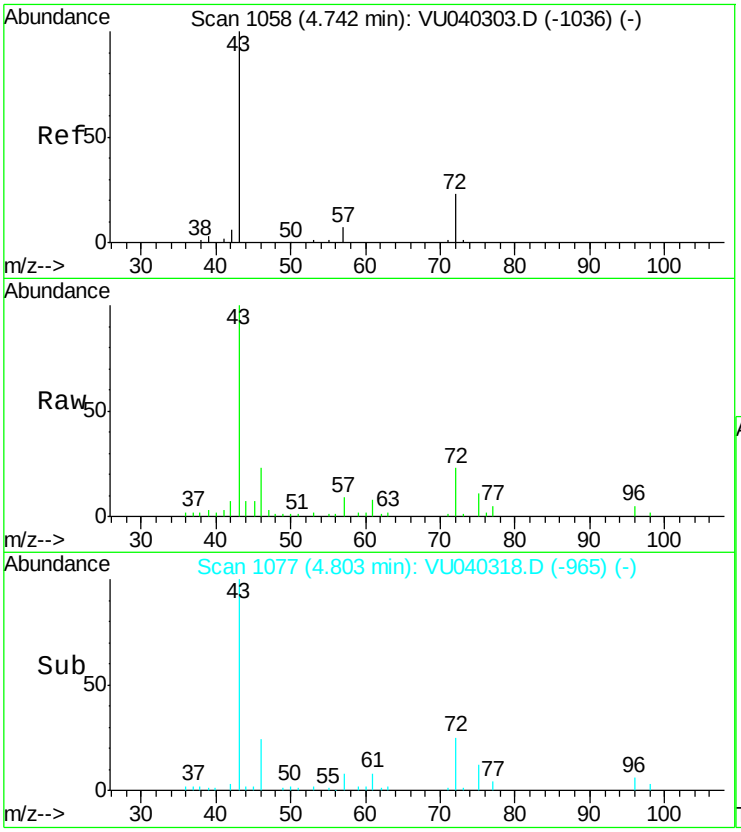


#19
1,1-Dichloroethane
Concen: 4.780 ug/L
RT: 3.88 min Scan# 790
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion: 63 Resp: 121299

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.2	41.2
83	13.4	9.4	17.6



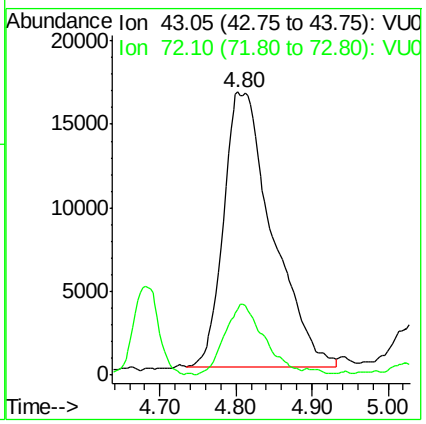


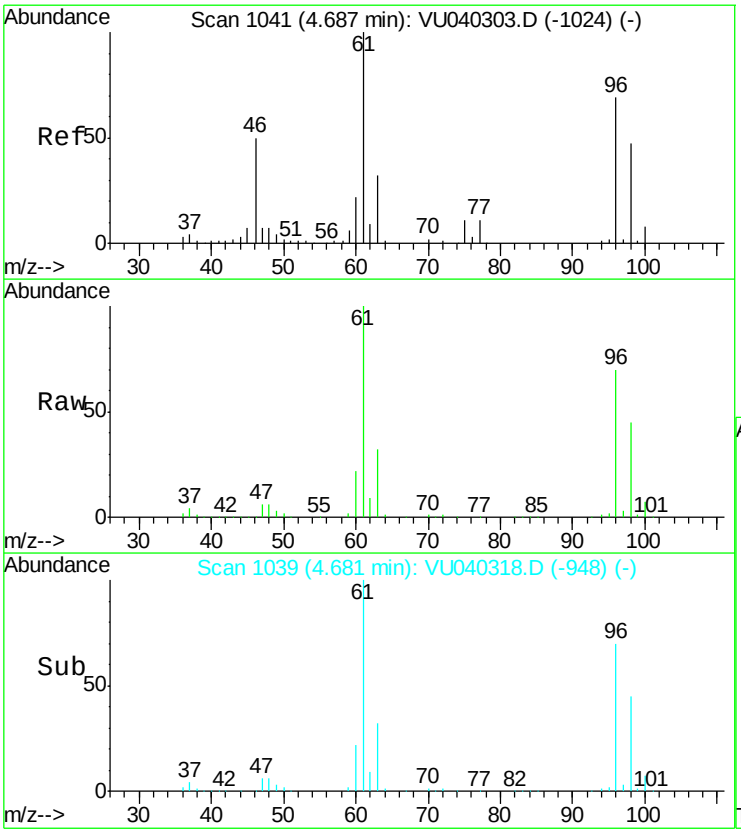
#21
2-Butanone
Concen: 14.953 ug/L
RT: 4.80 min Scan# 1077
Delta R.T. 0.06 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion: 43 Resp: 73079

Ion	Ratio	Lower	Upper
43	100		
72	21.1	11.7	35.0

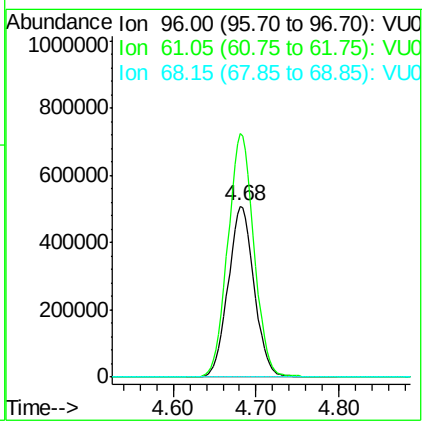


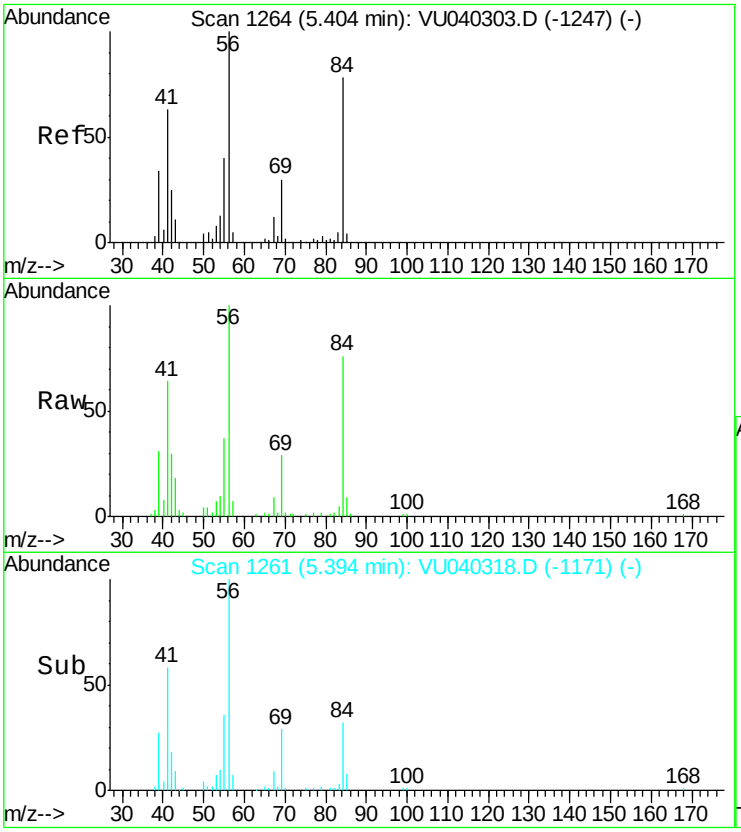


#22
cis-1,2-Dichloroethene
Concen: 83.816 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion: 96 Resp: 1110973

Ion	Ratio	Lower	Upper
96	100		
61	142.5	98.8	183.4
68	0.0	0.0	0.0



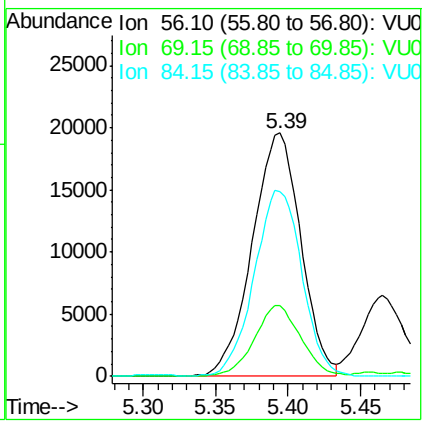


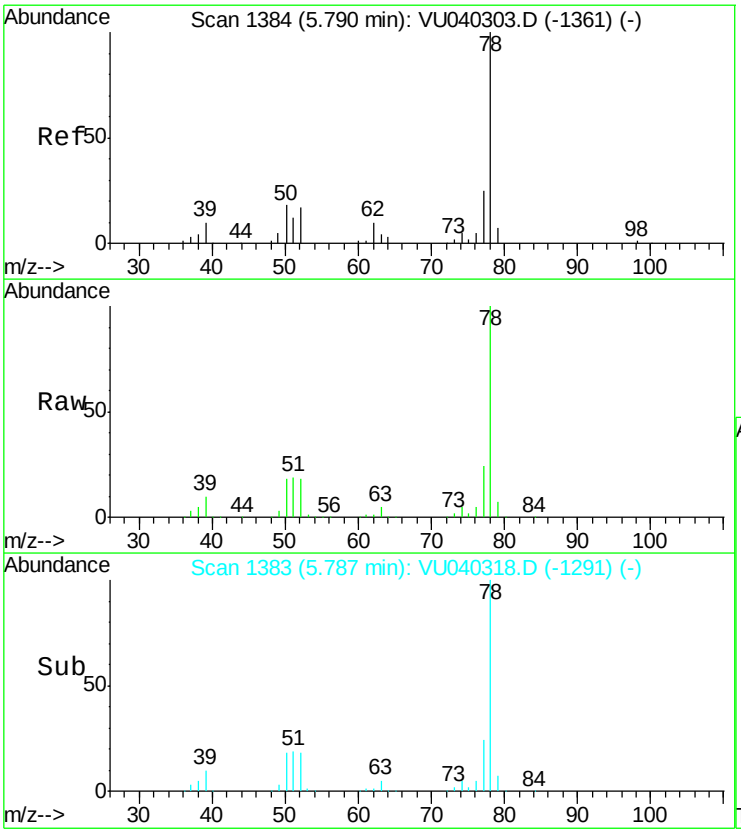
#30
Cyclohexane
Concen: 2.120 ug/L
RT: 5.39 min Scan# 1261
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument : MSVOA_U
ClientSampleId : BG491

Tgt Ion: 56 Resp: 45493

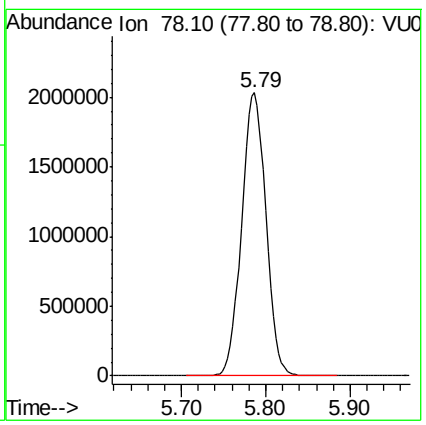
Ion	Ratio	Lower	Upper
56	100		
69	27.8	24.1	36.1
84	75.3	65.0	97.4

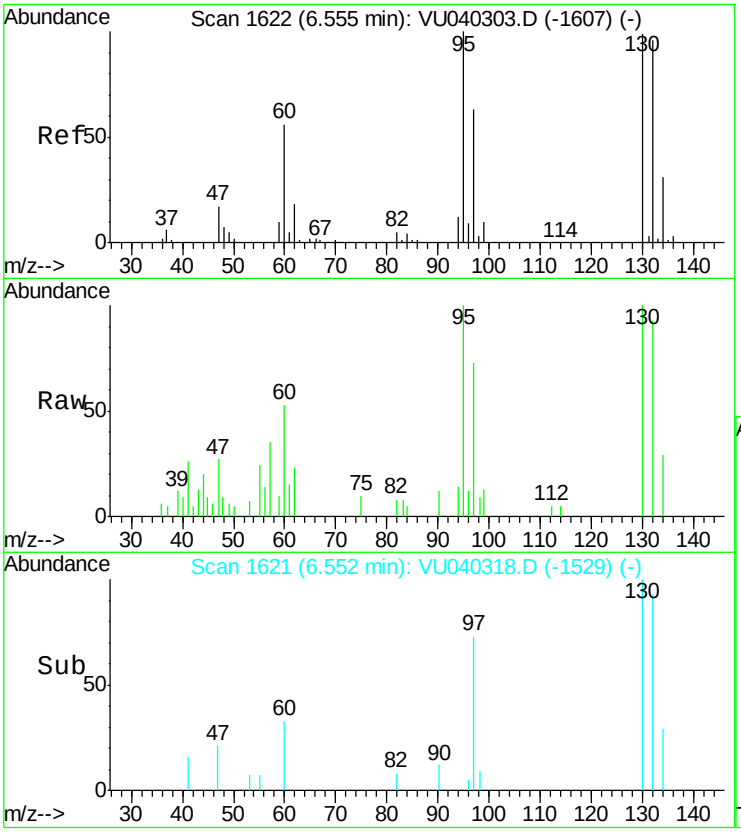




#33
Benzene
Concen: 81.003 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion: 78 Resp: 4083739



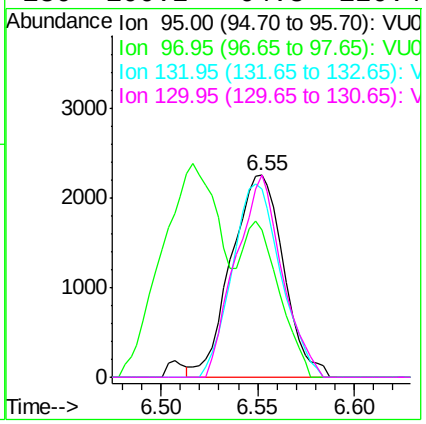


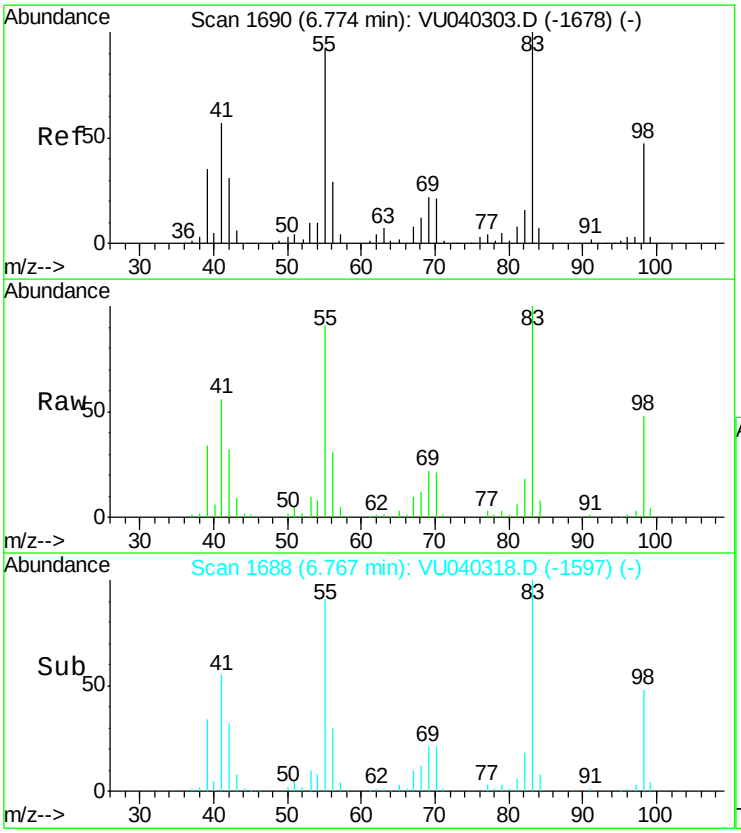
#34
Trichloroethene
Concen: 0.314 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion: 95 Resp: 4243

Ion	Ratio	Lower	Upper
95	100		
97	72.7	43.3	80.5
132	92.9	59.4	110.4
130	100.2	64.8	120.4

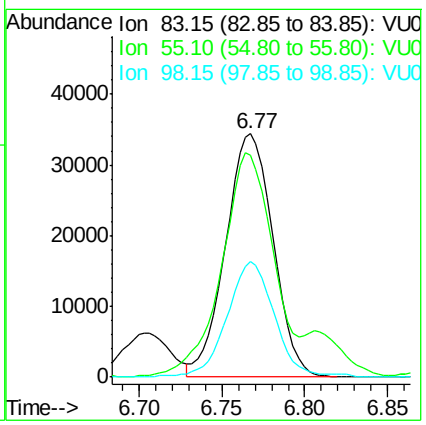


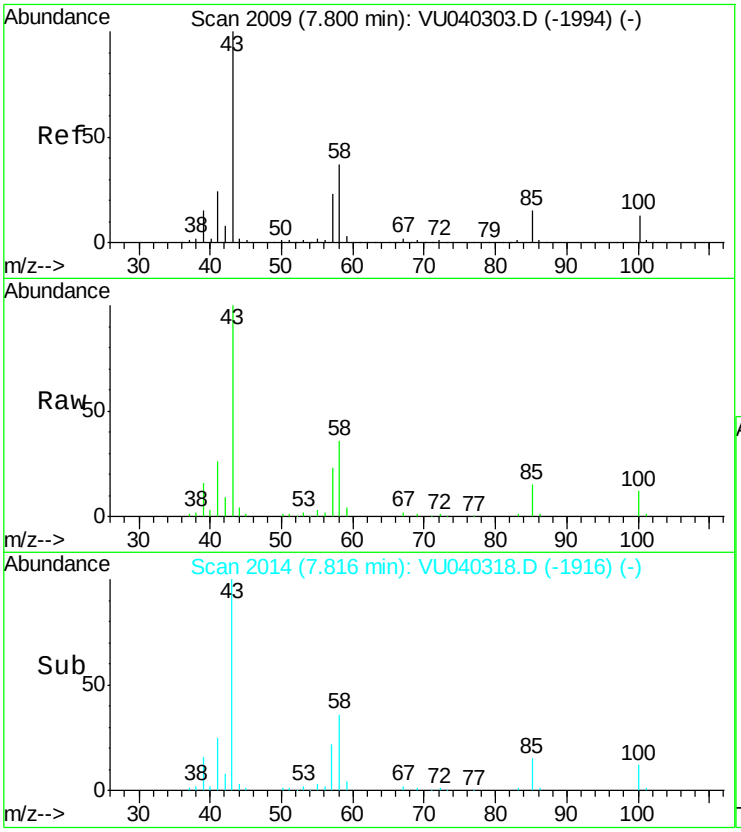


#35
Methylcyclohexane
Concen: 3.312 ug/L
RT: 6.77 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion: 83 Resp: 68574

Ion	Ratio	Lower	Upper
83	100		
55	99.2	70.5	105.7
98	46.8	37.8	56.6



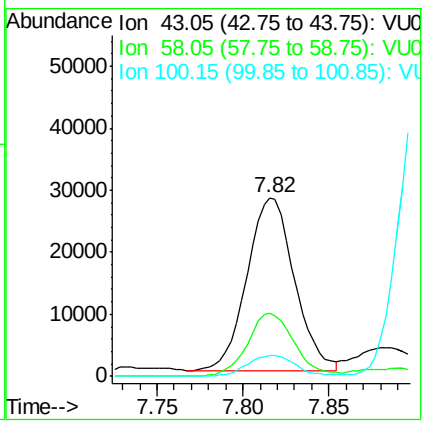


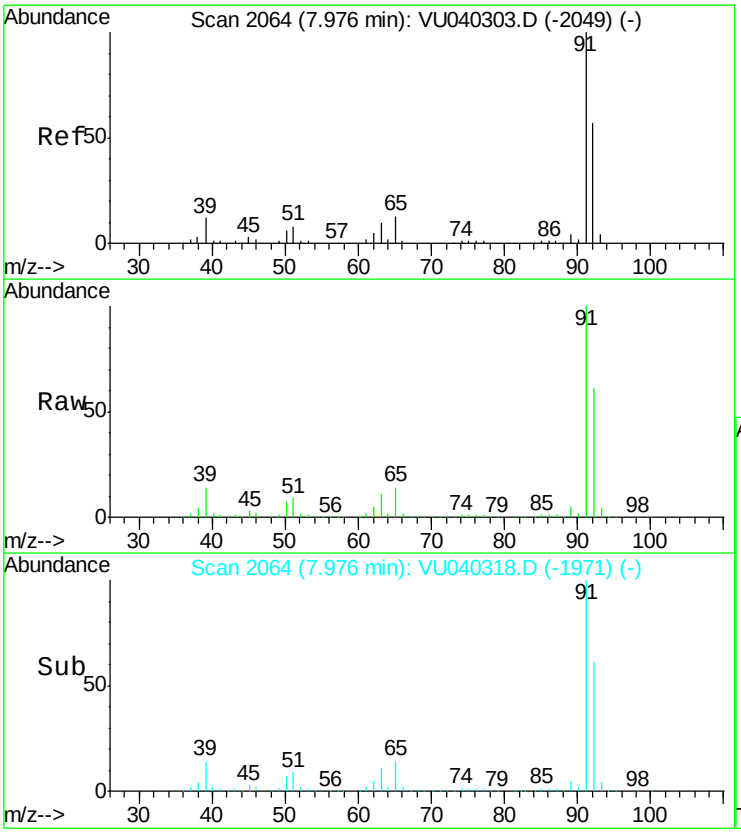
#40
4-Methyl-2-pentanone
Concen: 4.749 ug/L
RT: 7.82 min Scan# 2014
Delta R.T. 0.02 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument : MSVOA_U
ClientSampleId : BG491

Tgt Ion: 43 Resp: 53195

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.7	43.1
100	12.8	10.2	15.2

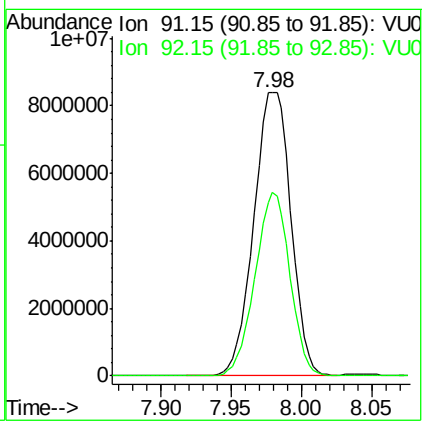


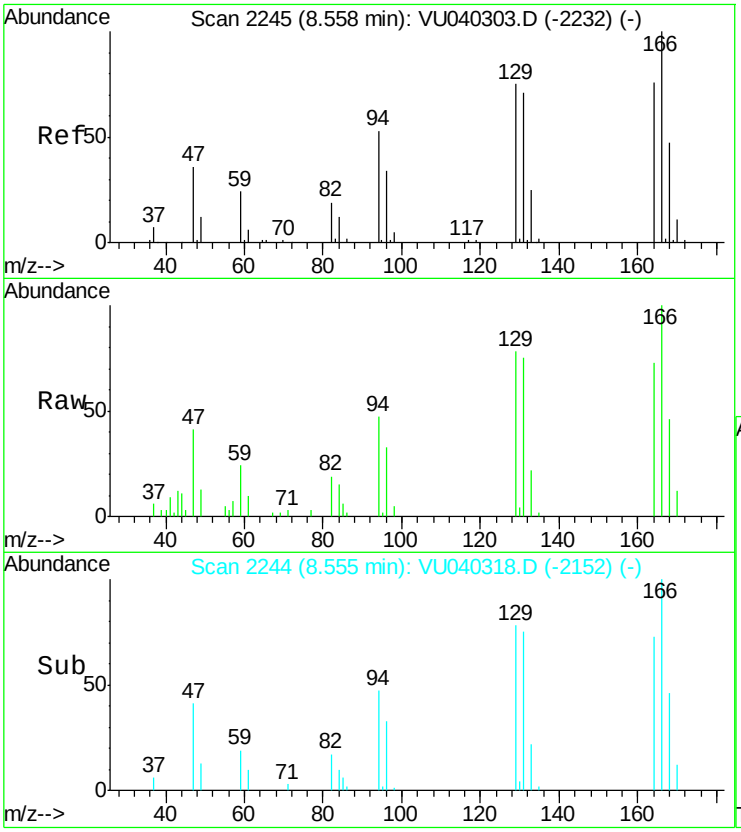


#42
Toluene
Concen: 298.040 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion: 91 Resp:15474041

Ion	Ratio	Lower	Upper
91	100		
92	61.2	40.7	75.5



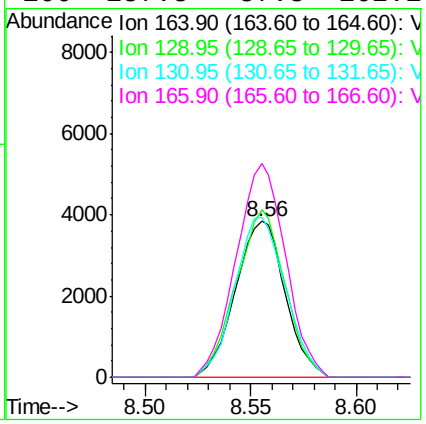


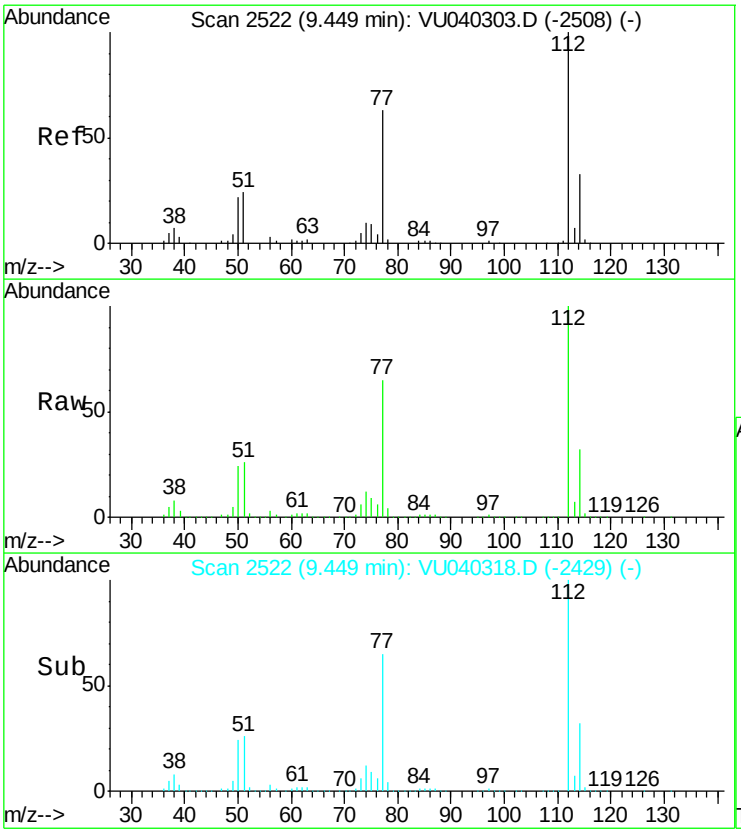
#47
Tetrachloroethene
Concen: 0.706 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument : MSVOA_U
ClientSampleId : BG491

Tgt Ion:164 Resp: 6274

Ion	Ratio	Lower	Upper
164	100		
129	107.4	71.5	132.7
131	103.2	65.9	122.5
166	137.3	87.3	162.1

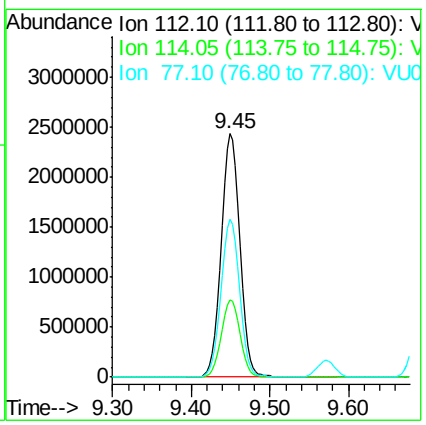


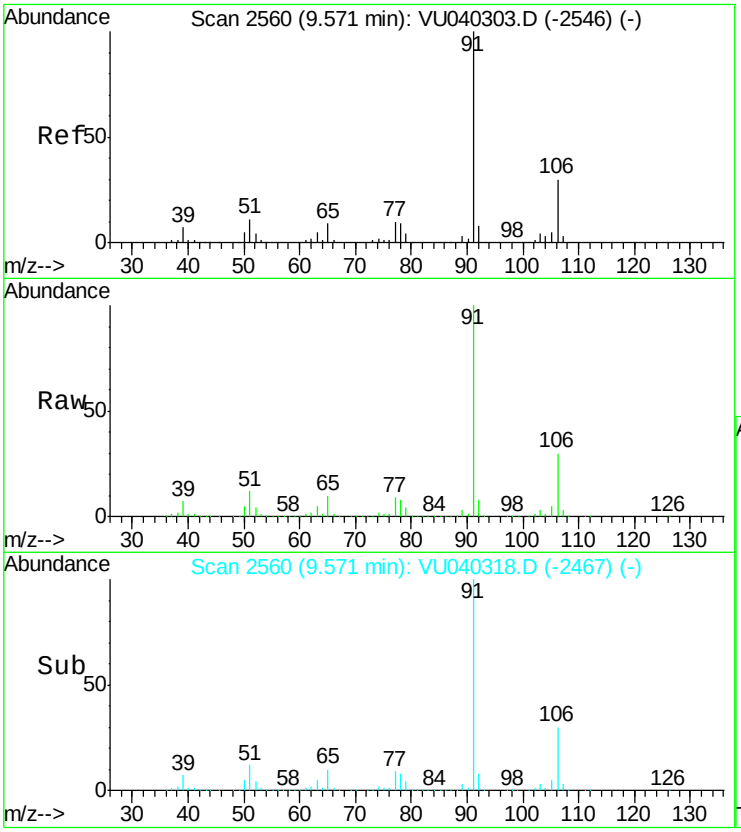


#51
Chlorobenzene
Concen: 123.498 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion:112 Resp: 3980894

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	64.9	53.2	79.8



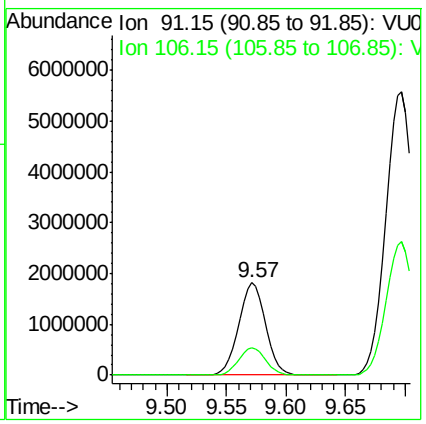


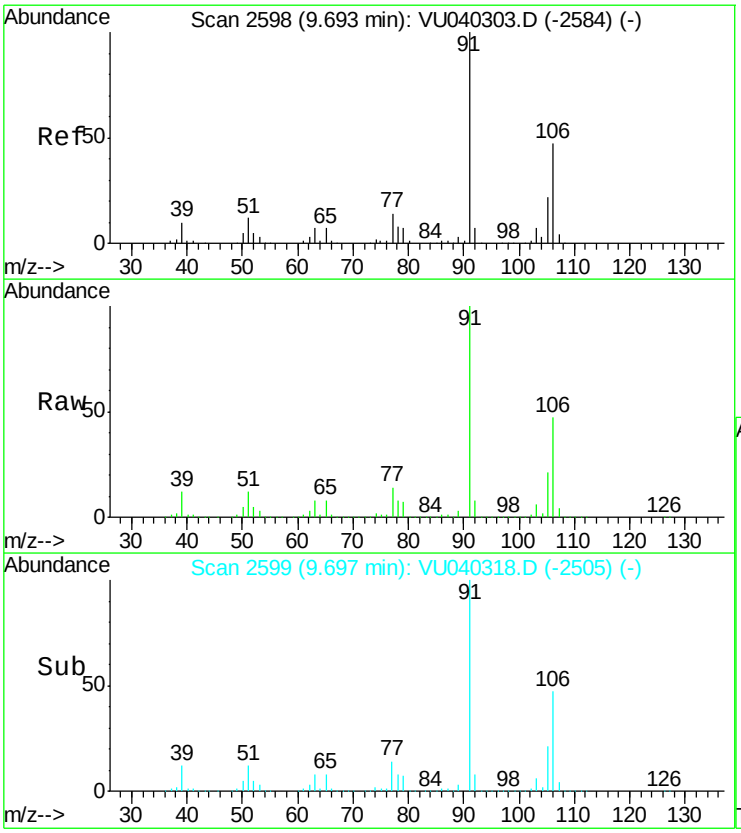
#52
Ethylbenzene
Concen: 48.267 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion: 91 Resp: 2847334

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.0	39.0

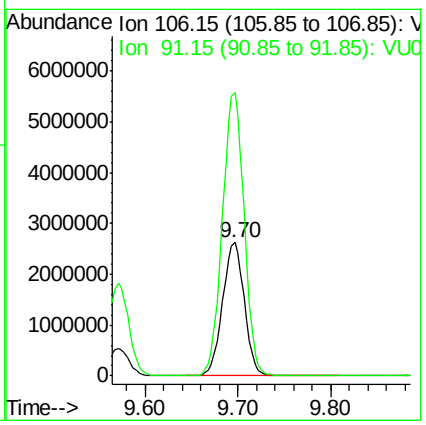


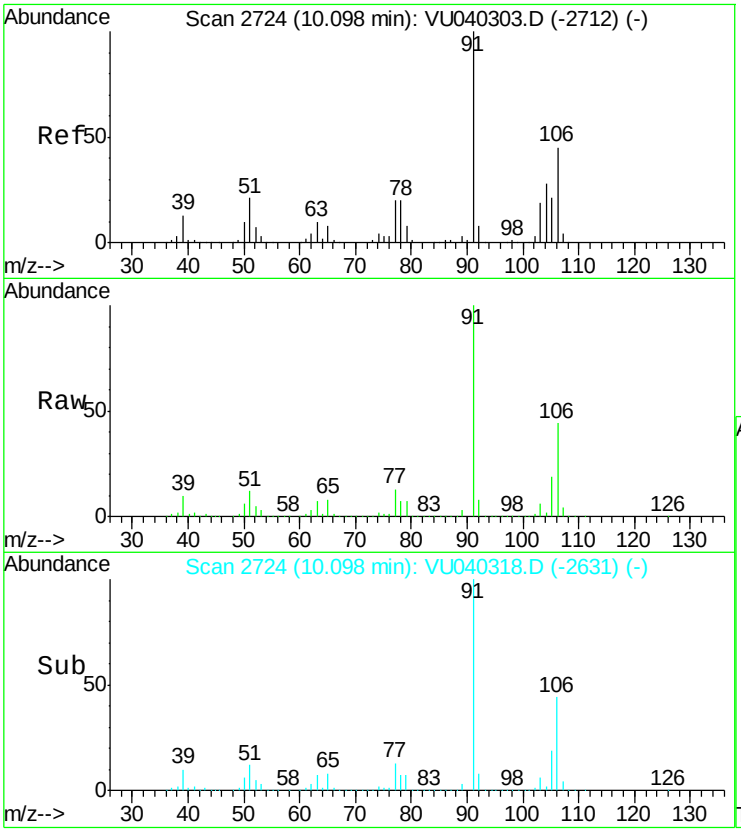


#53
m,p-Xylene
Concen: 202.547 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion:106 Resp: 4254084

Ion	Ratio	Lower	Upper
106	100		
91	212.8	151.7	281.7



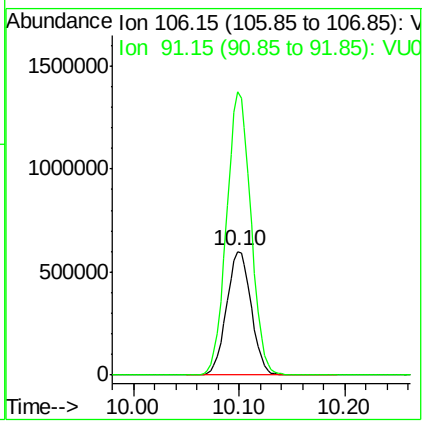


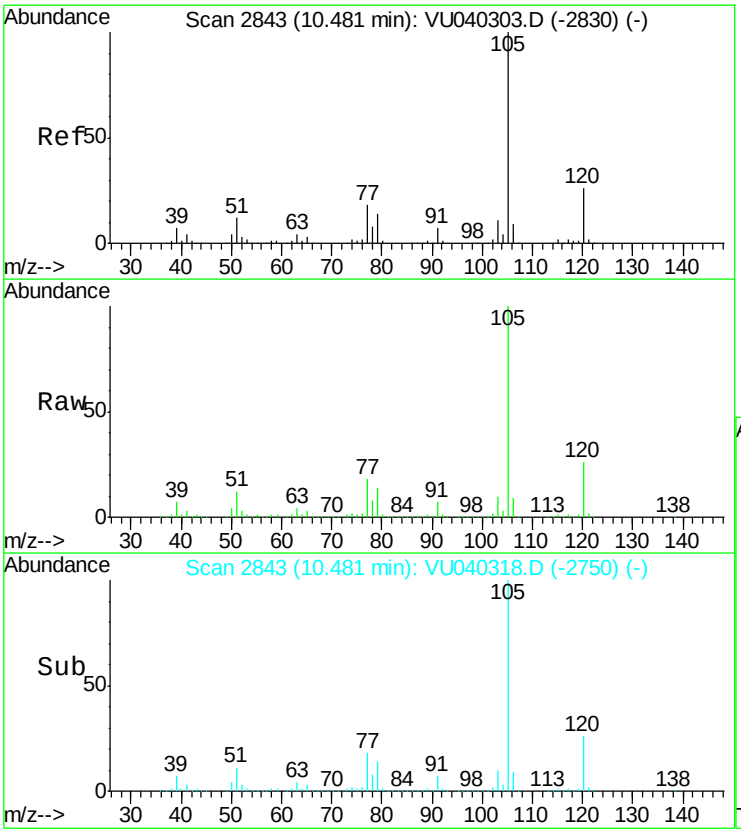
#54
o-Xylene
Concen: 48.121 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion:106 Resp: 963115

Ion	Ratio	Lower	Upper
106	100		
91	228.6	160.8	298.6

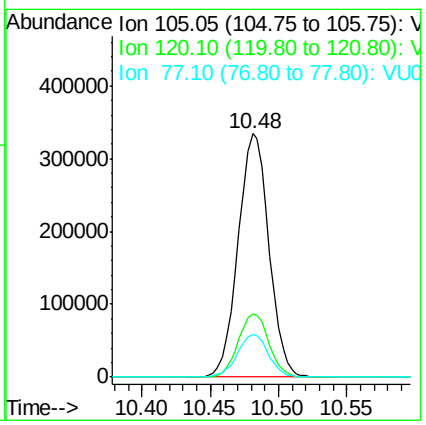


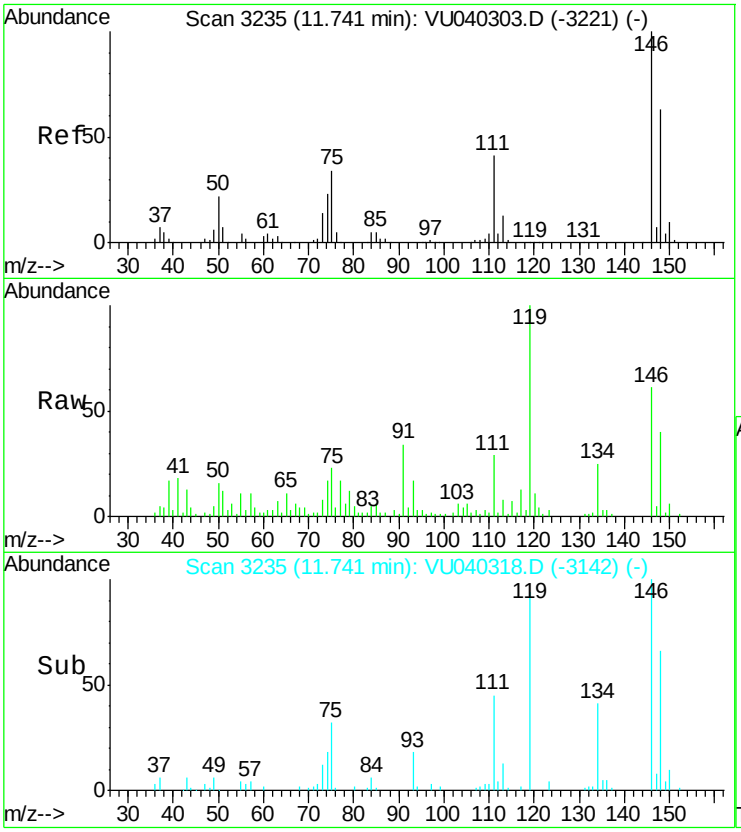


#56
Isopropylbenzene
Concen: 9.580 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion:105 Resp: 522919

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.1	30.1
77	17.5	14.4	21.6



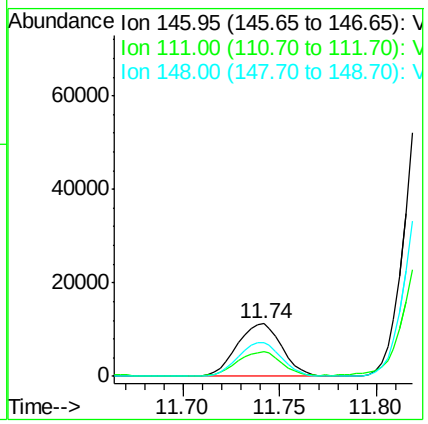


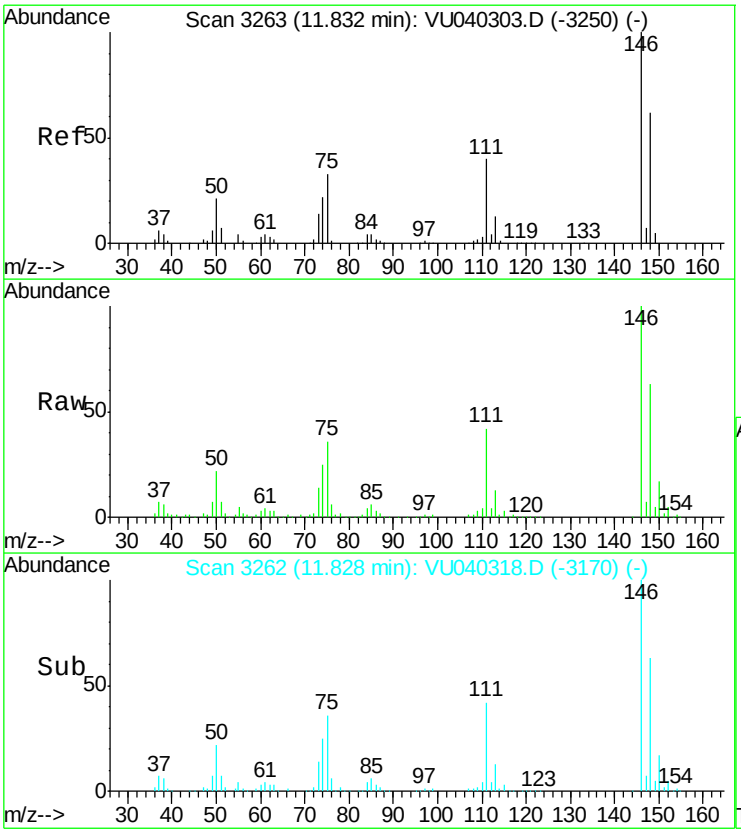
#62
1,3-Dichlorobenzene
Concen: 0.698 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion:146 Resp: 18171

Ion	Ratio	Lower	Upper
146	100		
111	47.1	31.6	58.8
148	65.6	44.2	82.0

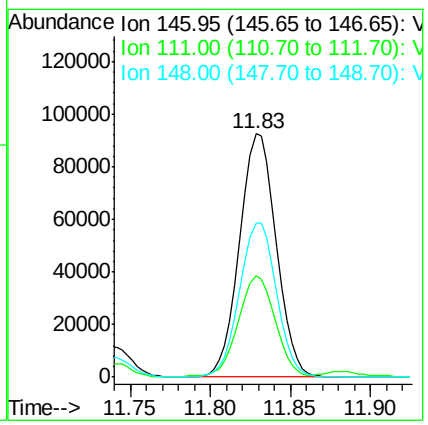


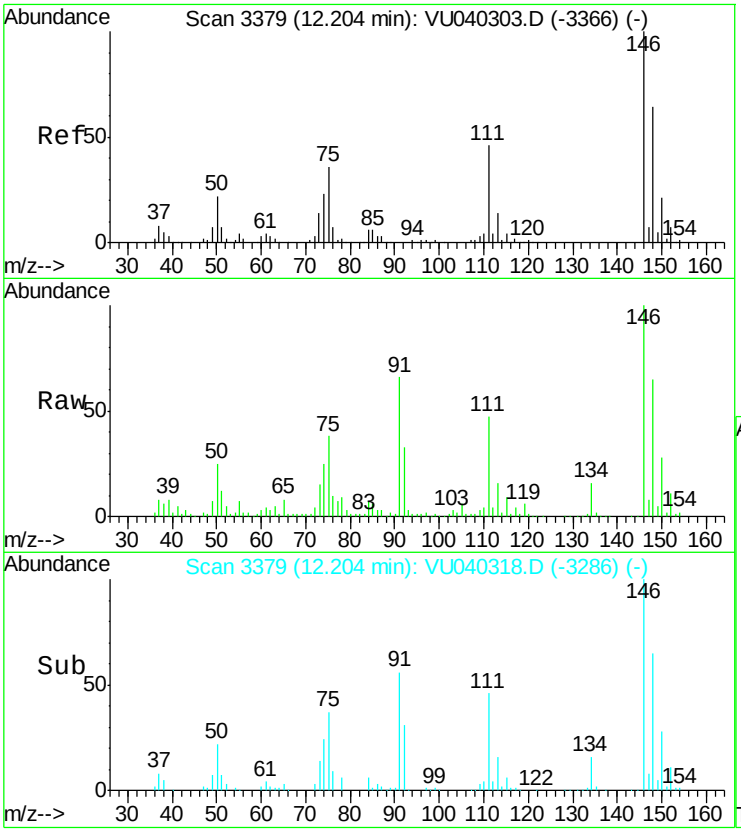


#63
1,4-Dichlorobenzene
Concen: 5.485 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Tgt Ion:146 Resp: 144475

Ion	Ratio	Lower	Upper
146	100		
111	41.7	30.5	56.7
148	63.2	45.4	84.4





#65
1,2-Dichlorobenzene
Concen: 4.064 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040318.D
Acq: 25 Sep 2020 22:29

Instrument :
MSVOA_U
ClientSampleId :
BG491

Tgt Ion:146 Resp: 102381

Ion	Ratio	Lower	Upper
146	100		
111	47.3	36.5	54.7
148	65.1	48.6	72.8