Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040240.D
Acq On : 21 Sep 2020 17:45
Operator : SY/MD
Sample : L4046-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2

Quant Time: Sep 22 07:16:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133767	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65454	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28005	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.92	69	28399	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.58	63	51646	2.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.20%#			
20) 2-Butanone-d5	4.67	46	157528	53.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.84%			
24) Chloroform-d	5.08	84	79055	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.72	65	49743	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.74	84	137976	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.70	67	48253	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.91	98	113232	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	8.19	79	20570	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	123360	56.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.66%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48553	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55758	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	983	0.077	ug/L #	75
5) Vinyl chloride	1.61	62	894	0.069	ug/L #	8
8) Chloroethane	1.94	64	66874	8.636	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	567	0.047	ug/L #	38
13) Acetone	2.39	43	86128	31.849	ug/L	57
15) Methyl Acetate	3.10	43	52097	7.676	ug/L #	55
17) Methyl tert-butyl Ether	3.38	73	4853	0.156	ug/L #	1
19) 1,1-Dichloroethane	3.89	63	1159	0.051	ug/L #	89
27) 1,2-Dichloroethane	5.79	62	19437	1.130	ug/L #	78
30) Cyclohexane	5.40	56	25286	1.270	ug/L	98
33) Benzene	5.79	78	1853157	39.611	ug/L	100
35) Methylcyclohexane	6.78	83	19924	1.037	ug/L	89
39) cis-1,3-Dichloropropene	7.57	75	1712	0.092	ug/L #	71
40) 4-Methyl-2-pentanone	7.72	43	33774	3.249	ug/L #	49
42) Toluene	7.98	91	157983	3.279	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	1125	0.065	ug/L #	76
45) 1,1,2-Trichloroethane	8.38	97	692	0.075	ug/L #	14

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040240.D
Acq On : 21 Sep 2020 17:45
Operator : SY/MD
Sample : L4046-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2

Quant Time: Sep 22 07:16:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.69	43	6290	0.830	ug/L	#	59
51) Chlorobenzene	9.45	112	1302752	43.552	ug/L		96
52) Ethylbenzene	9.57	91	18668	0.341	ug/L		99
53) m,p-Xylene	9.69	106	43582	2.236	ug/L		98
54) o-Xylene	10.10	106	19929	1.073	ug/L		95
56) Isopropylbenzene	10.48	105	153192	3.024	ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	7223	0.302	ug/L		90
63) 1,4-Dichlorobenzene	11.83	146	110339	4.558	ug/L		95
65) 1,2-Dichlorobenzene	12.21	146	20423	0.882	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.96	75	393	0.159	ug/L	#	8
69) Naphthalene	14.07	128	49073	1.625	ug/L		99

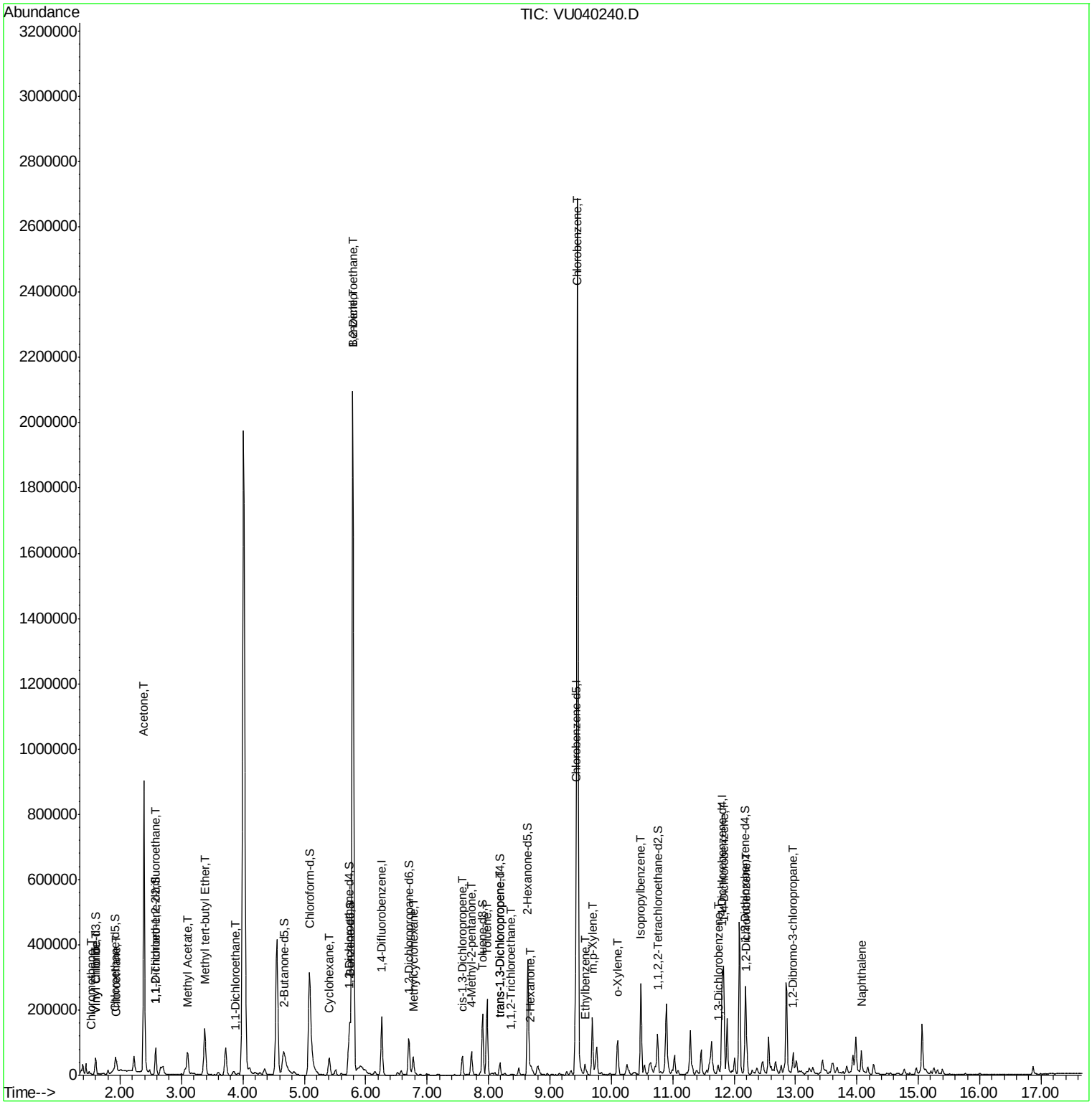
(#) = qualifier out of range (m) = manual integration (+) = signals summed

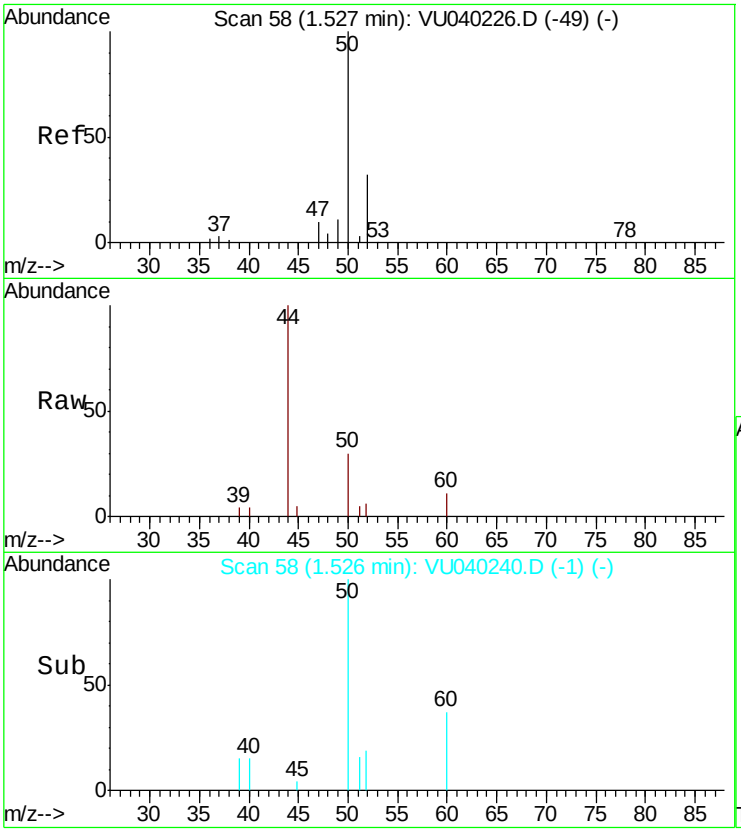
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
Data File : VU040240.D
Acq On : 21 Sep 2020 17:45
Operator : SY/MD
Sample : L4046-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Quant Time: Sep 22 07:16:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration



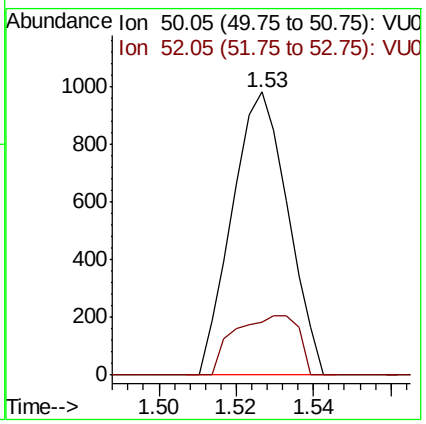


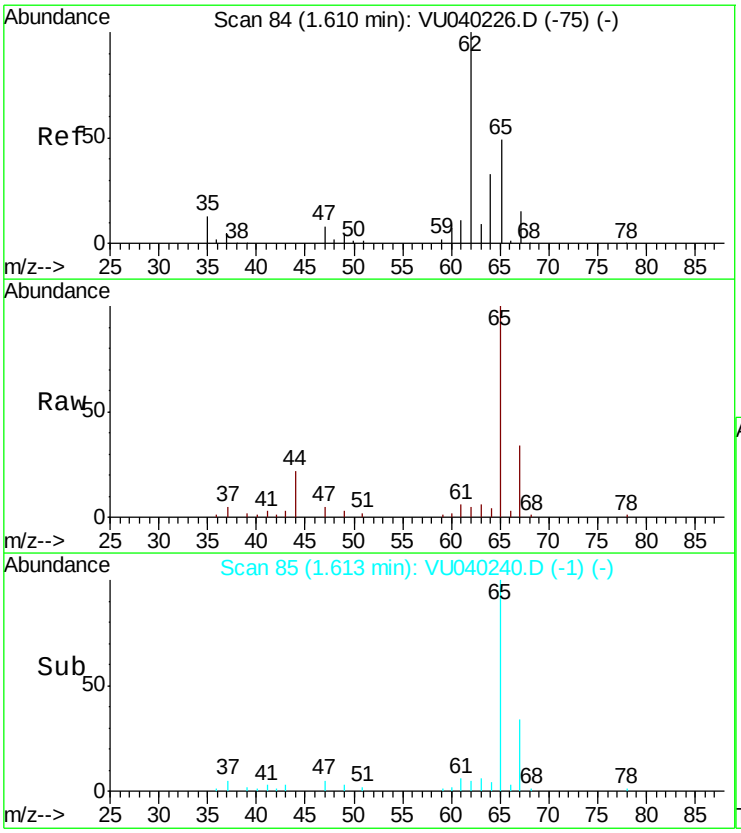
#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG0Q2

Tgt Ion: 50 Resp: 983

Ion	Ratio	Lower	Upper
50	100		
52	18.6	22.8	42.4#

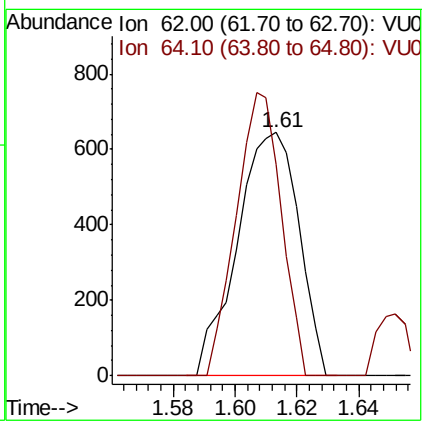


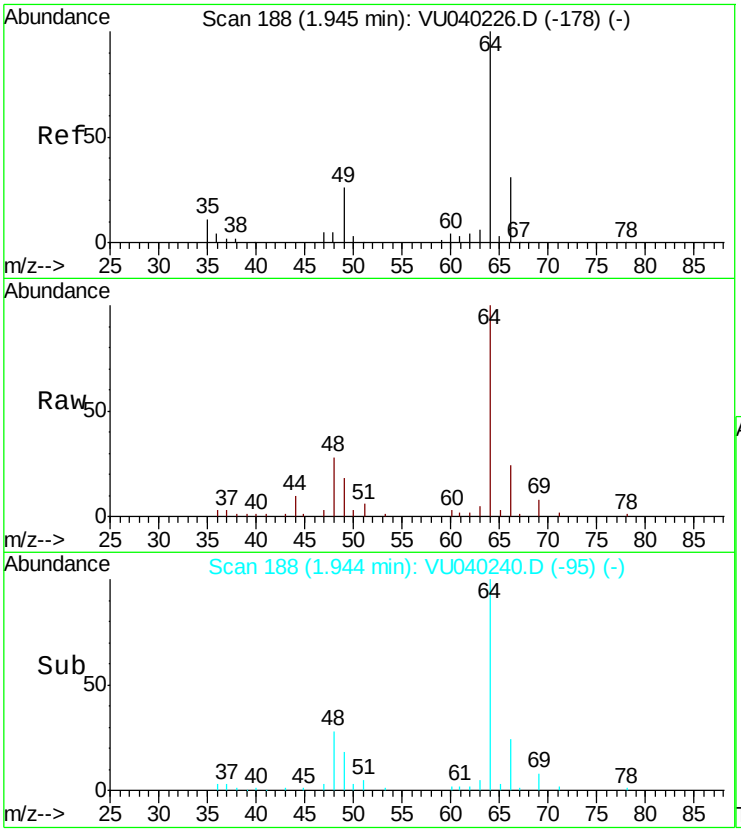


#5
Vinyl chloride
Concen: 0.069 ug/L
RT: 1.61 min Scan# 85
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 62 Resp: 894

Ion	Ratio	Lower	Upper
62	100		
64	87.1	23.9	44.3#



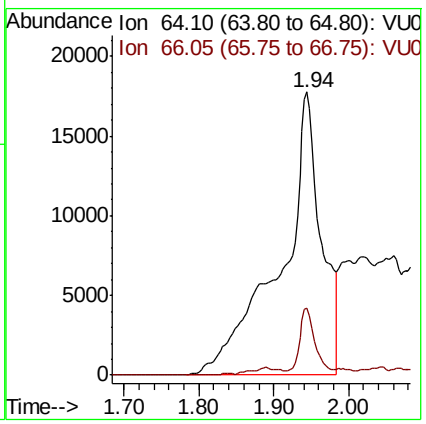


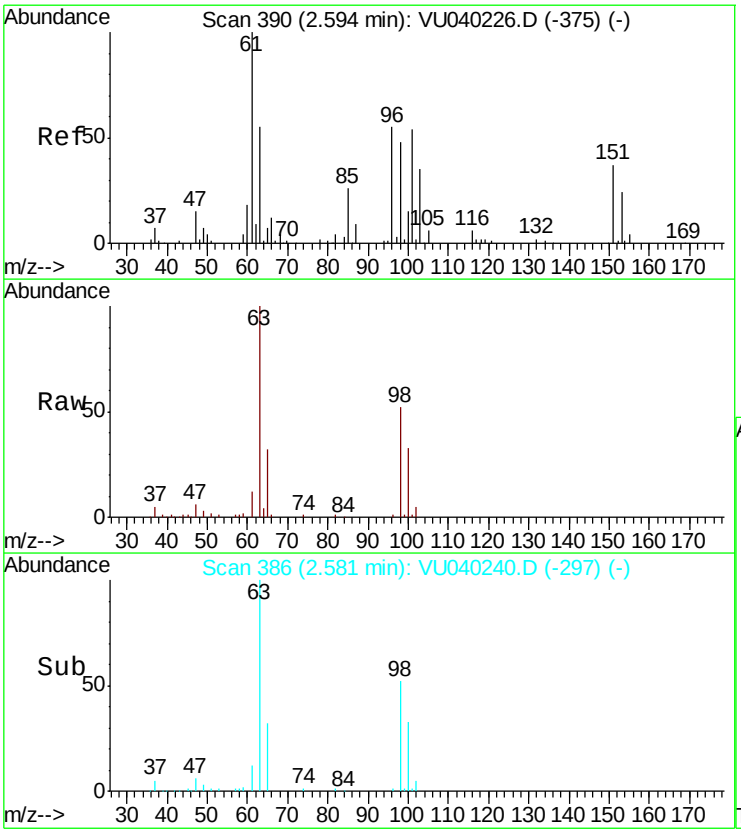
#8
Chloroethane
Concen: 8.636 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 64 Resp: 66874

Ion	Ratio	Lower	Upper
64	100		
66	23.7	22.7	42.1

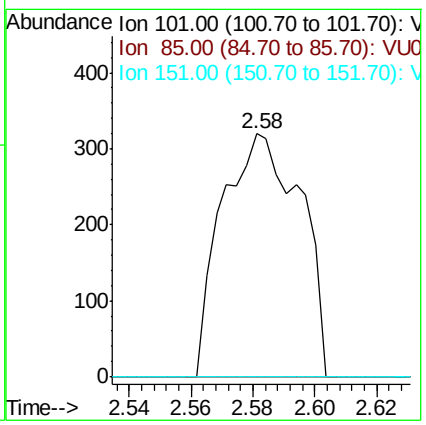


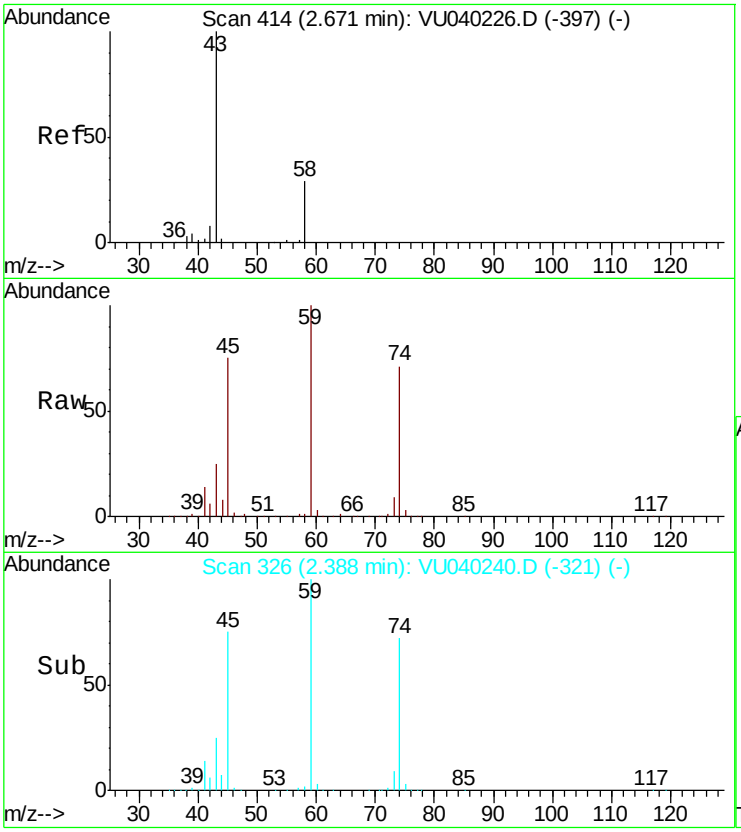


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion:101 Resp: 567

Ion	Ratio	Lower	Upper
101	100		
85	26.1	37.7	56.5#
151	0.0	53.9	80.9#



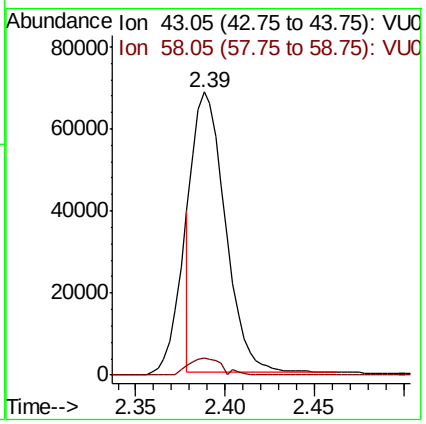


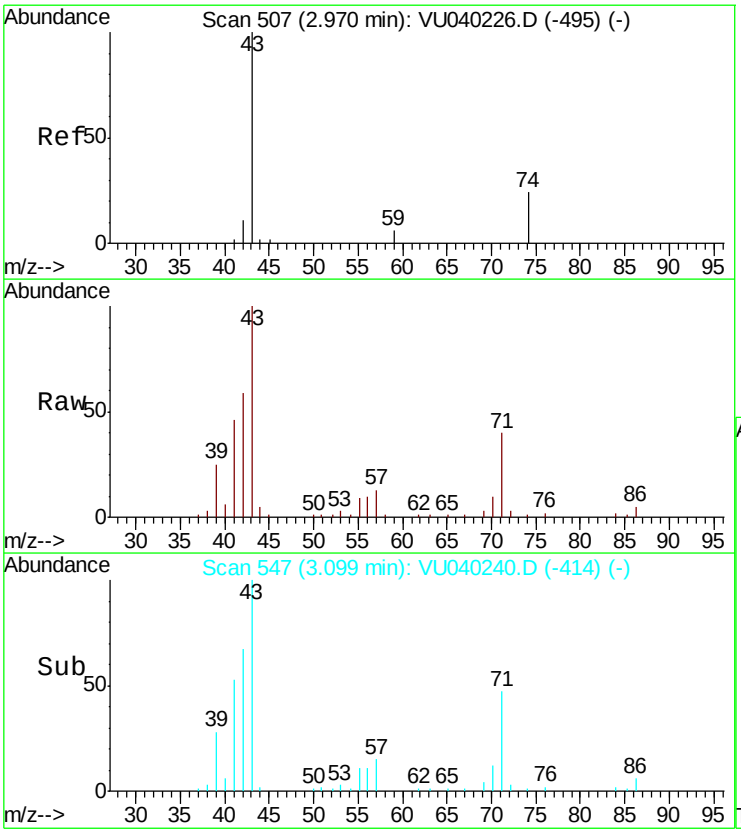
#13
Acetone
Concen: 31.849 ug/L
RT: 2.39 min Scan# 326
Delta R.T. -0.28 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 43 Resp: 86128

Ion	Ratio	Lower	Upper
43	100		
58	5.4	0.0	55.4

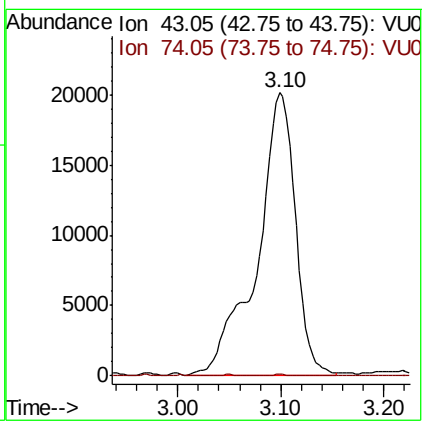


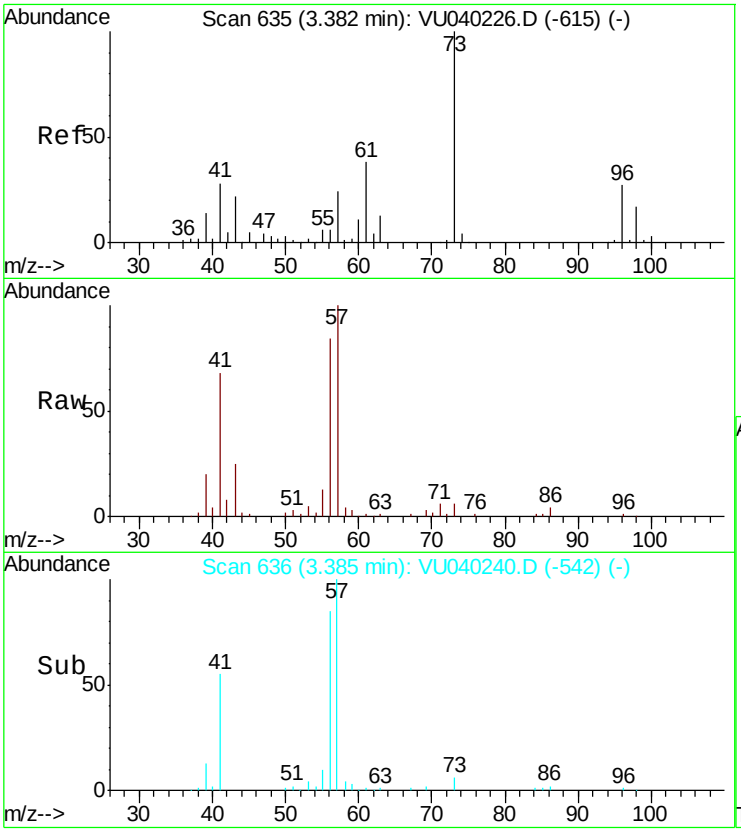


#15
Methyl Acetate
Concen: 7.676 ug/L
RT: 3.10 min Scan# 547
Delta R.T. 0.13 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 43 Resp: 52097

Ion	Ratio	Lower	Upper
43	100		
74	0.1	17.4	26.0#



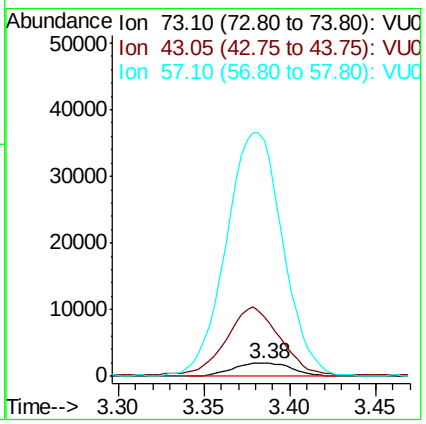


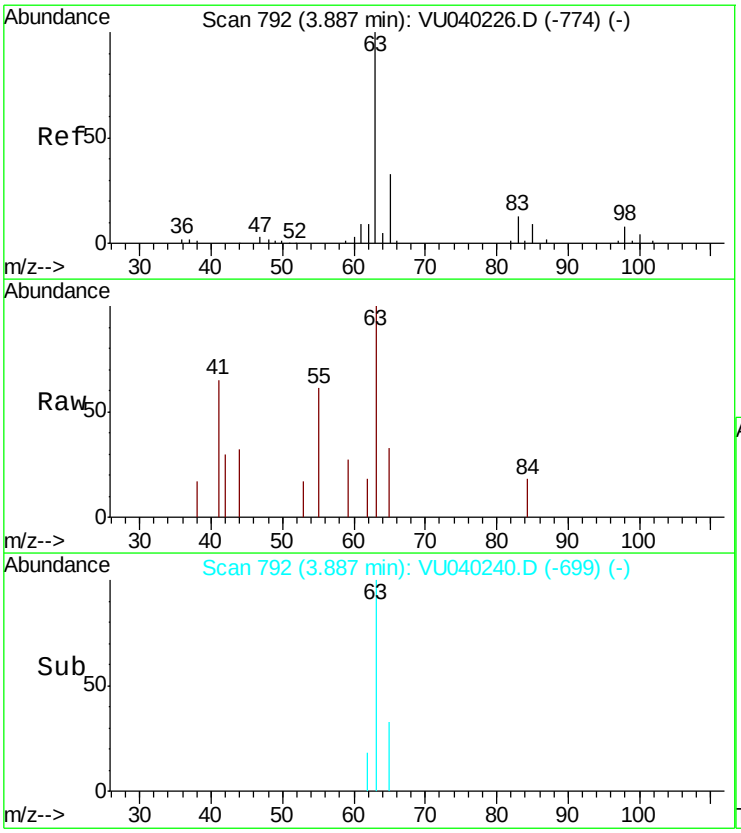
#17
Methyl tert-butyl Ether
Concen: 0.156 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 73 Resp: 4853

Ion	Ratio	Lower	Upper
73	100		
43	456.1	19.1	28.7#
57	1731.4	18.3	27.5#

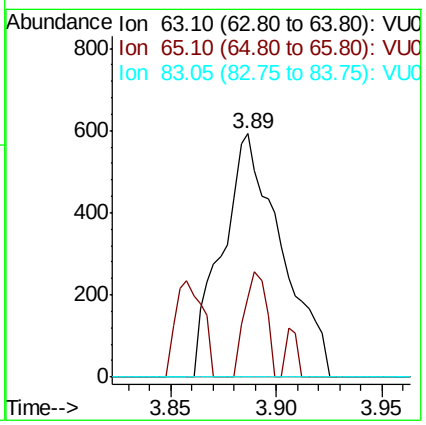


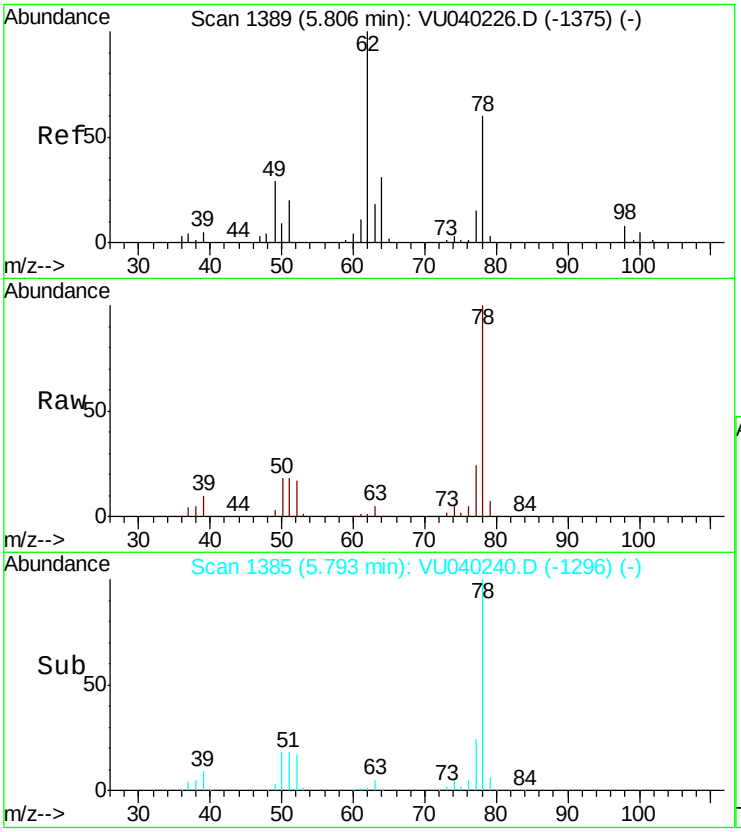


#19
1,1-Dichloroethane
Concen: 0.051 ug/L
RT: 3.89 min Scan# 792
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 63 Resp: 1159

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.2	41.2
83	0.0	9.4	17.6#



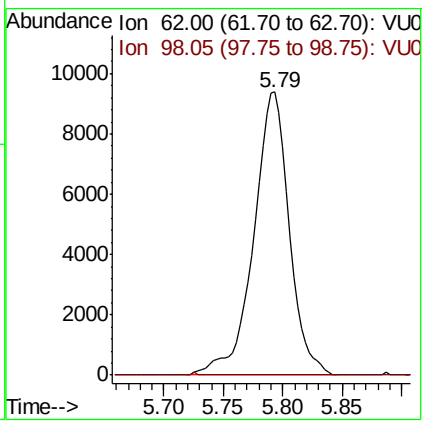


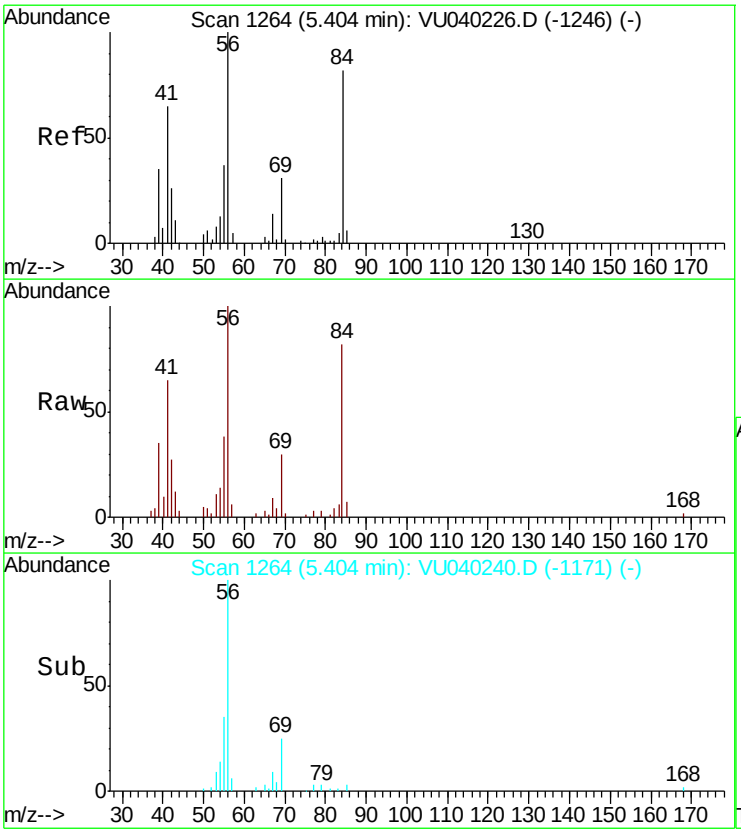
#27
1,2-Dichloroethane
Concen: 1.130 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 62 Resp: 19437

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.1	9.1#

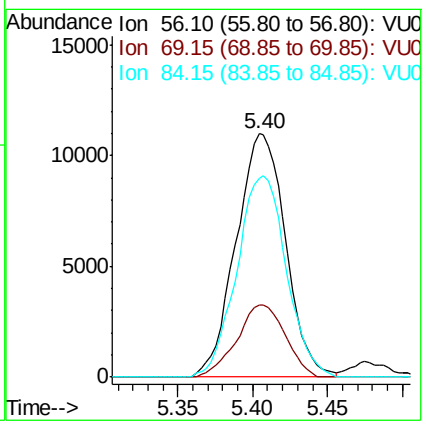


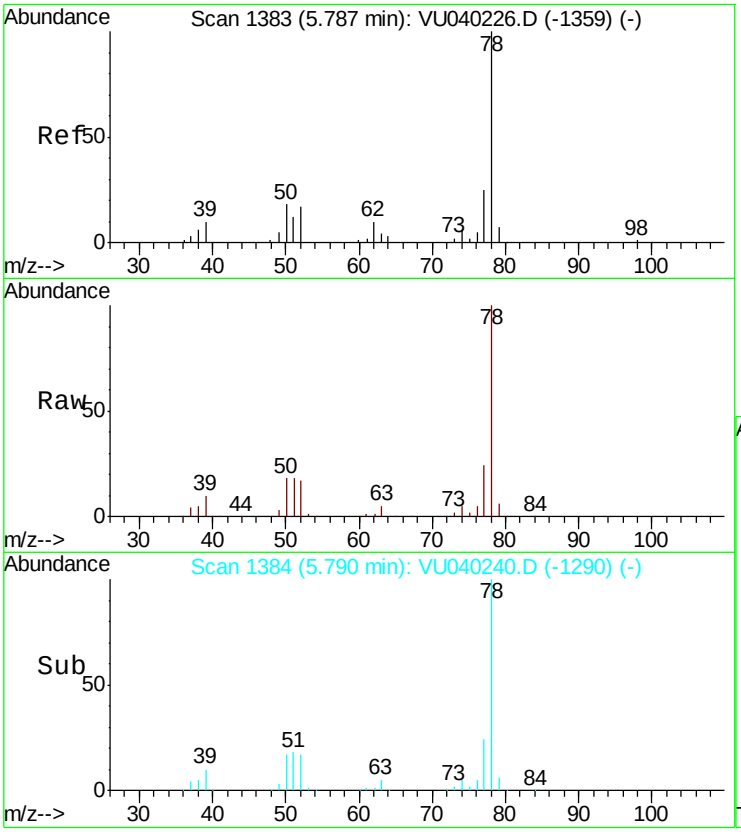


#30
Cyclohexane
Concen: 1.270 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 56 Resp: 25286

Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.1	36.1
84	82.6	65.0	97.4

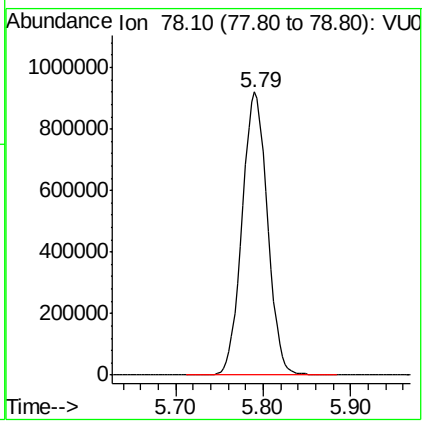


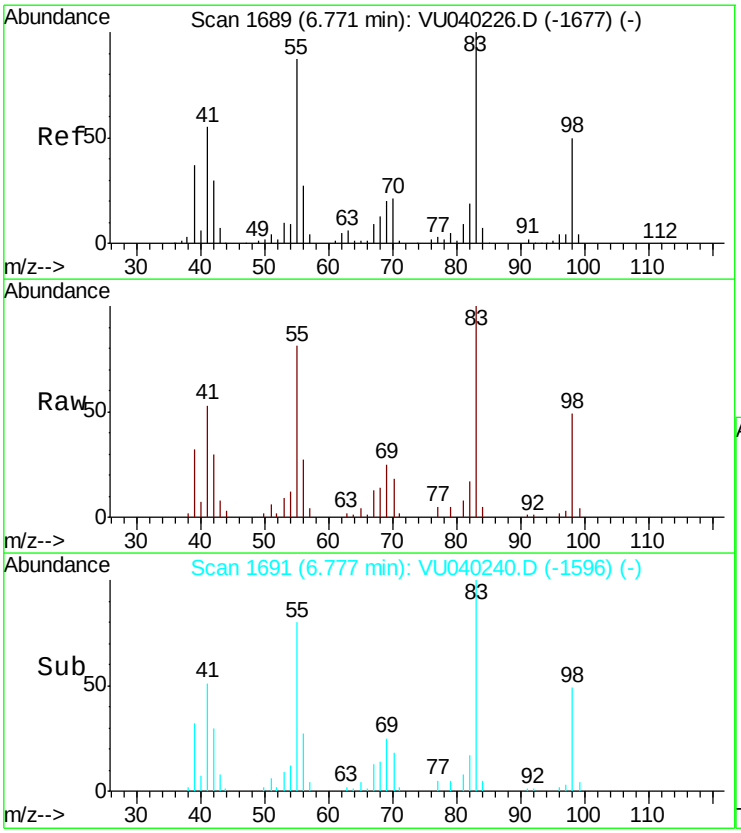


#33
Benzene
Concen: 39.611 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 78 Resp: 1853157

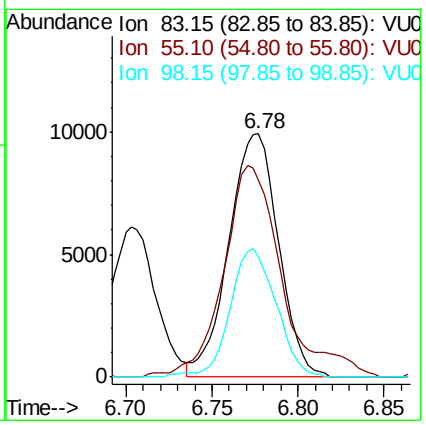


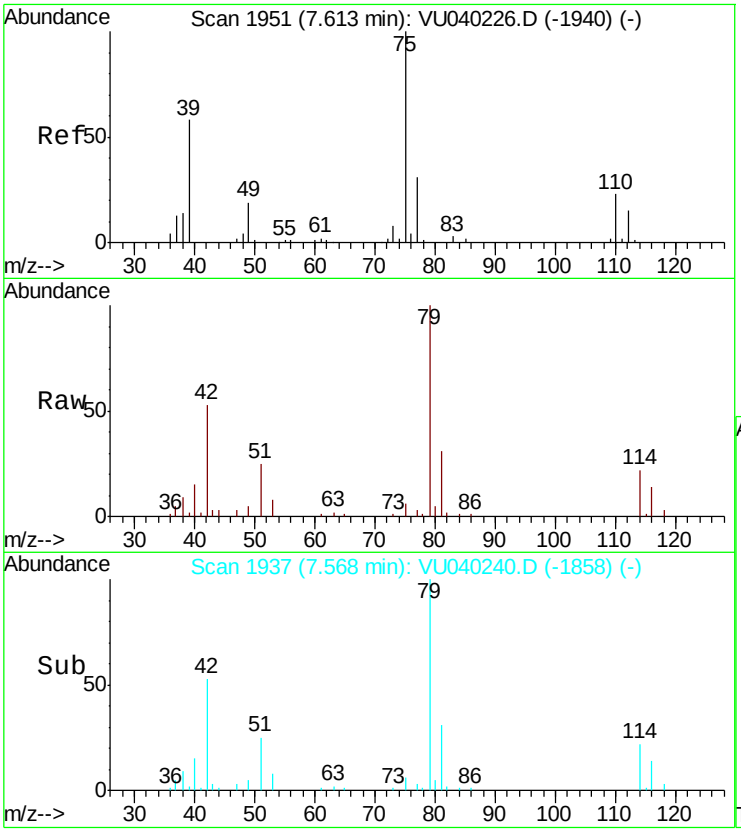


#35
Methylcyclohexane
Concen: 1.037 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 83 Resp: 19924

Ion	Ratio	Lower	Upper
83	100		
55	102.2	70.5	105.7
98	48.8	37.8	56.6



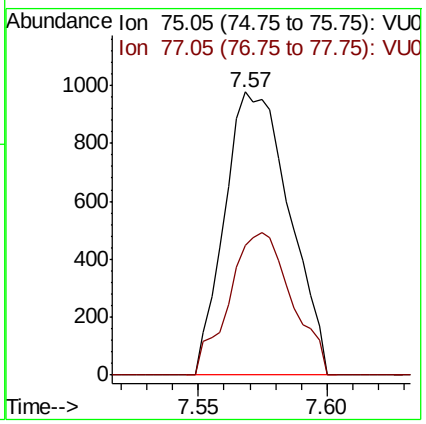


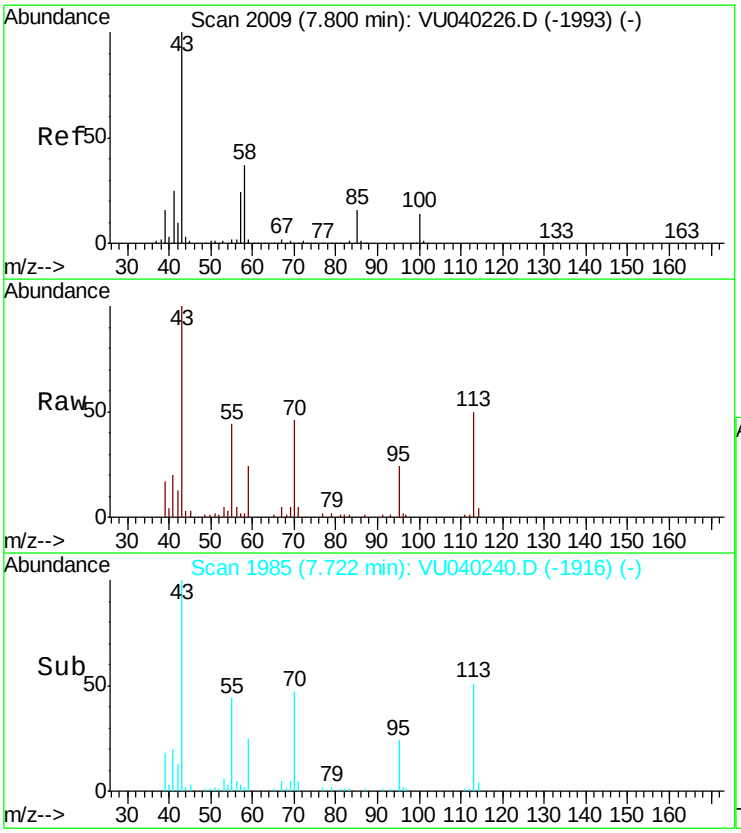
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 75 Resp: 1712

Ion	Ratio	Lower	Upper
75	100		
77	46.0	21.1	39.3#

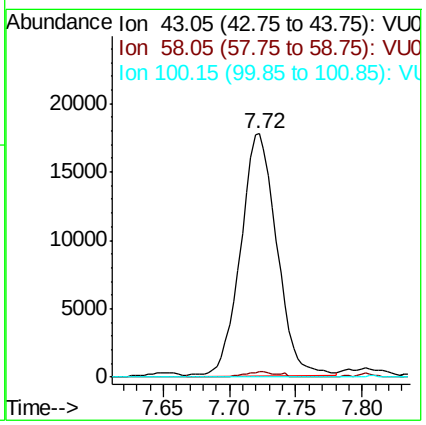


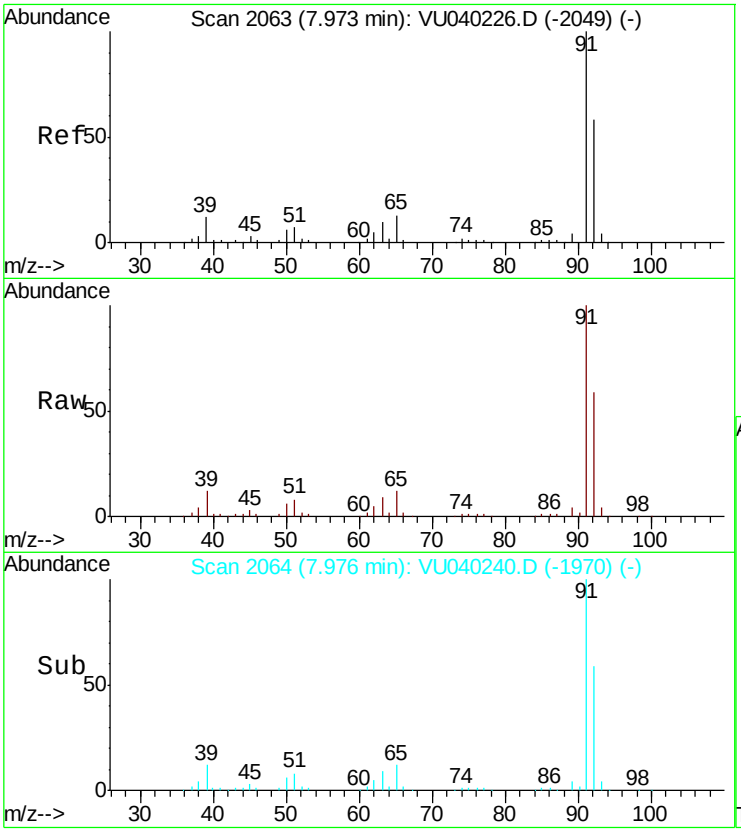


#40
4-Methyl-2-pentanone
Concen: 3.249 ug/L
RT: 7.72 min Scan# 1985
Delta R.T. -0.08 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 43 Resp: 33774

Ion	Ratio	Lower	Upper
43	100		
58	1.9	28.7	43.1#
100	0.0	10.2	15.2#



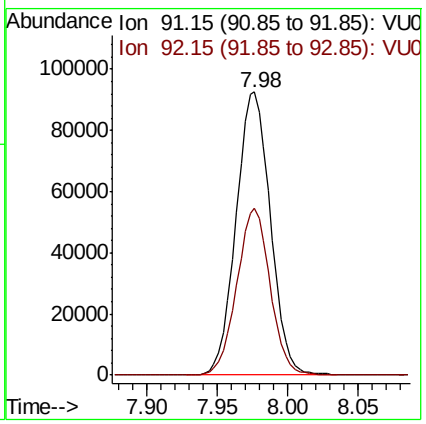


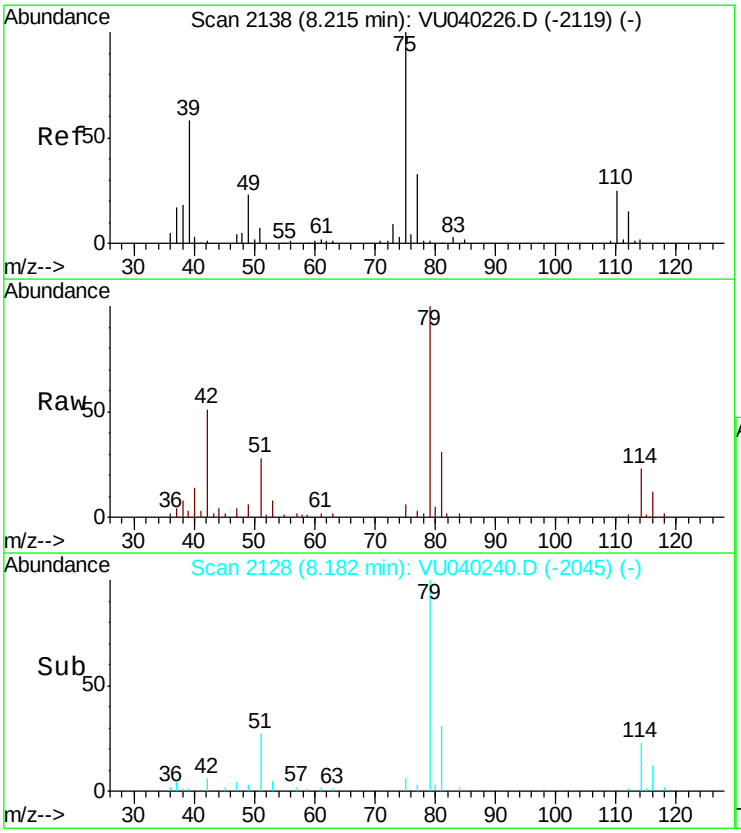
#42
Toluene
Concen: 3.279 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 91 Resp: 157983

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.7	75.5

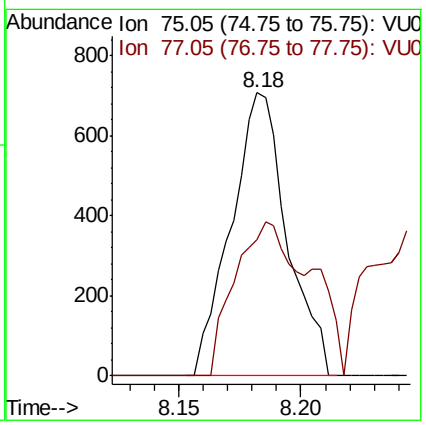


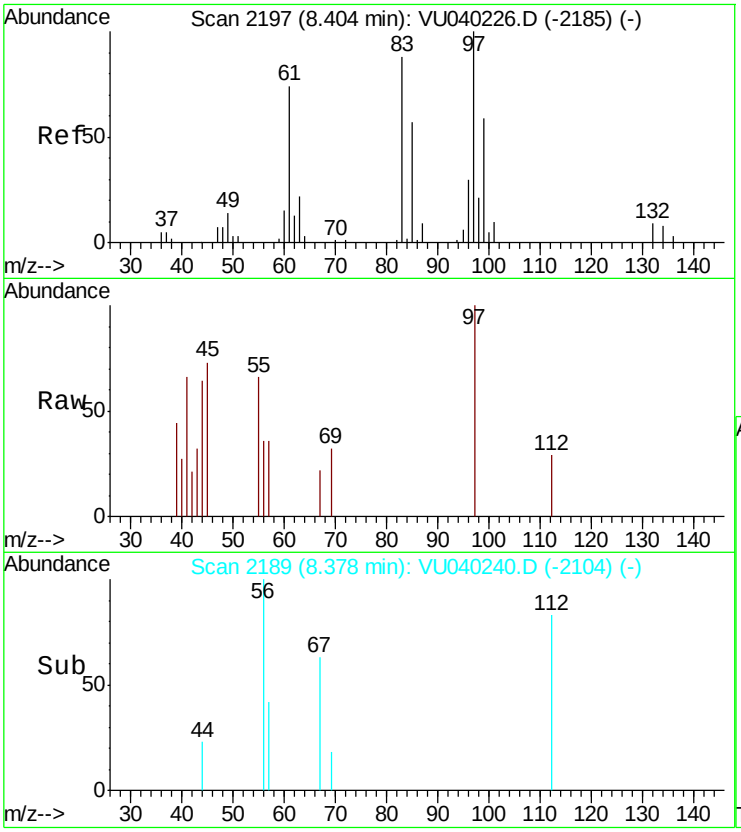


#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 75 Resp: 1125

Ion	Ratio	Lower	Upper
75	100		
77	48.1	23.9	44.3#



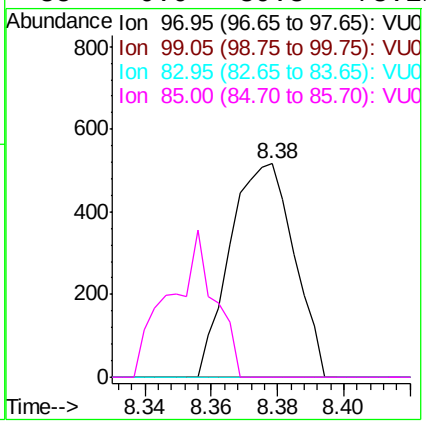


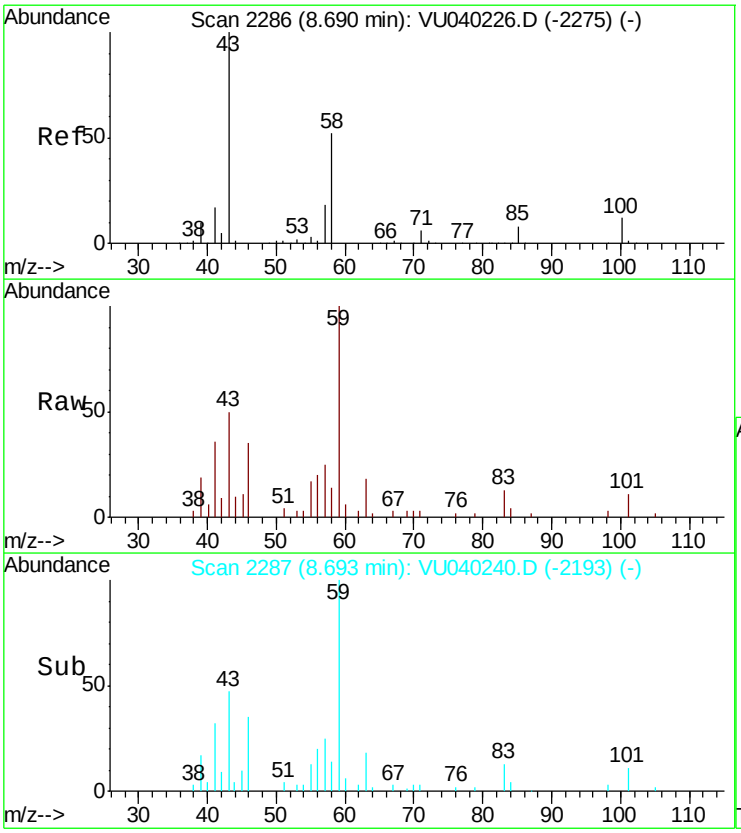
#45
1,1,2-Trichloroethane
Concen: 0.075 ug/L
RT: 8.38 min Scan# 2189
Delta R.T. -0.03 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG0Q2

Tgt Ion: 97 Resp: 692

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	0.0	61.7	114.7#
85	0.0	39.3	73.1#

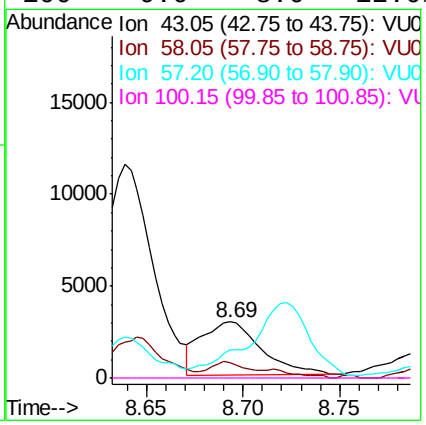


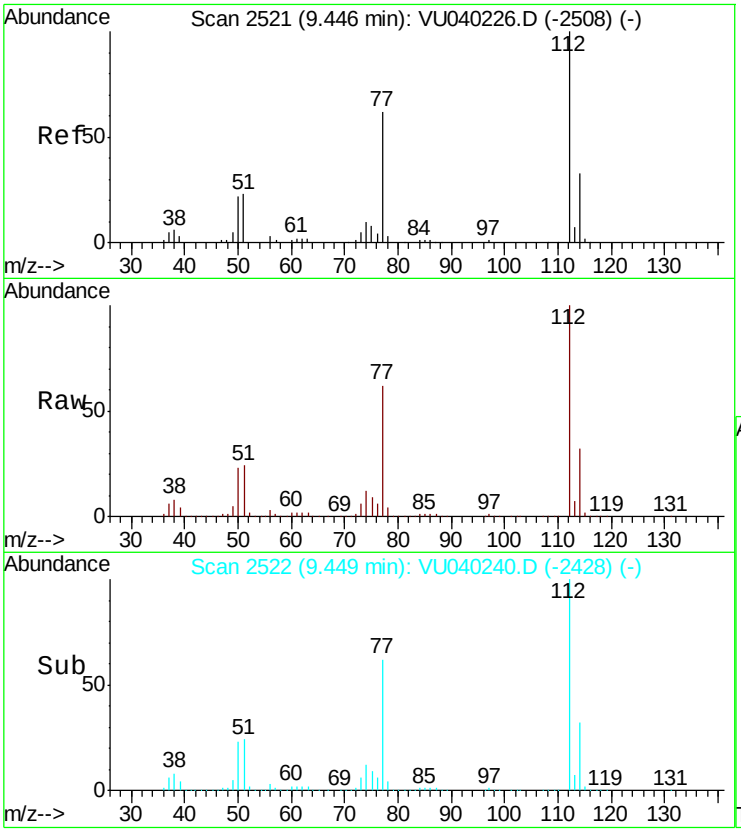


#48
2-Hexanone
Concen: 0.830 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 43 Resp: 6290

Ion	Ratio	Lower	Upper
43	100		
58	18.9	39.6	59.4#
57	0.0	14.3	21.5#
100	0.0	8.0	12.0#



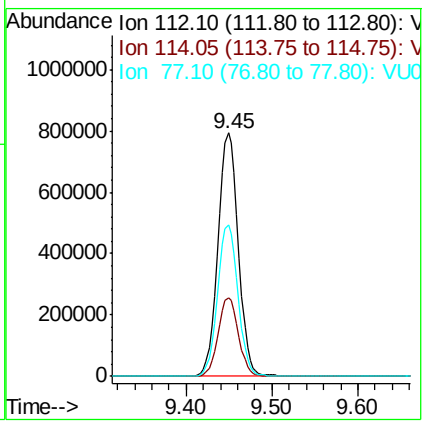


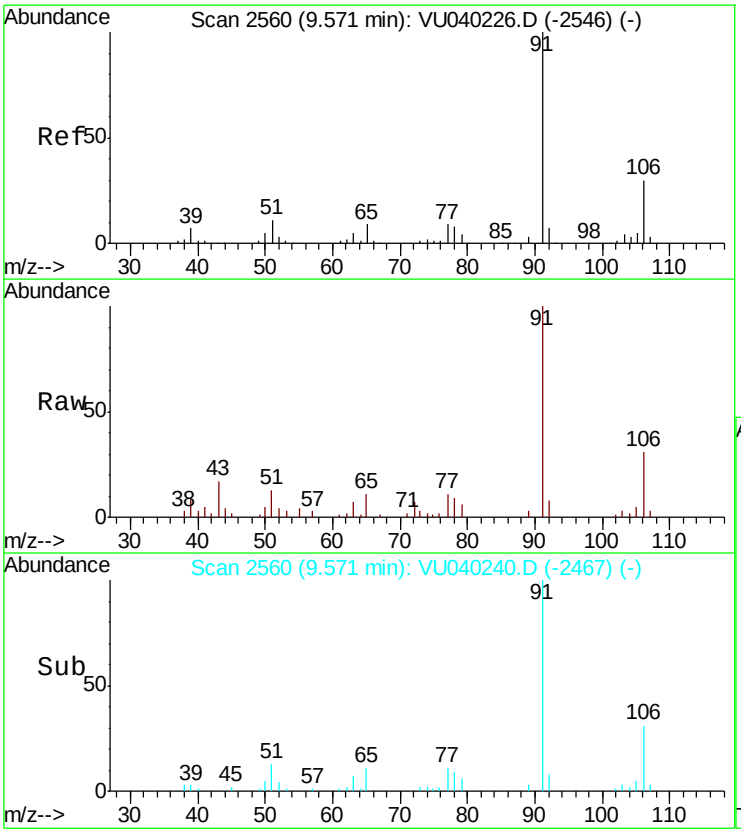
#51
Chlorobenzene
Concen: 43.552 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument : MSVOA_U
ClientSampleId : BG0Q2

Tgt Ion:112 Resp: 1302752

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	62.1	53.2	79.8

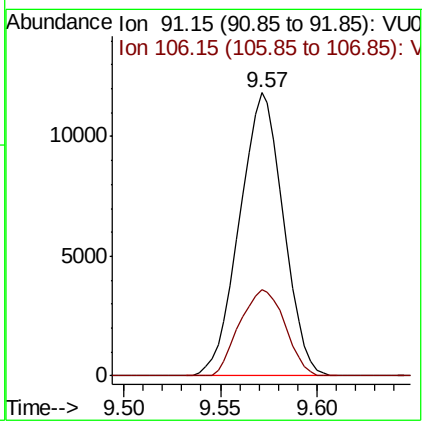


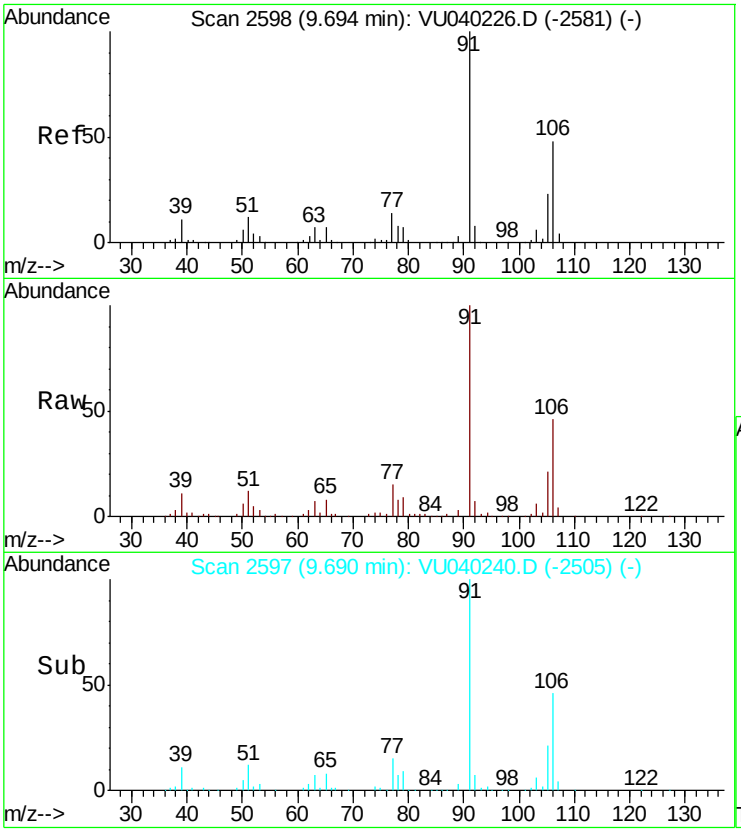


#52
Ethylbenzene
Concen: 0.341 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion: 91 Resp: 18668

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.0	39.0



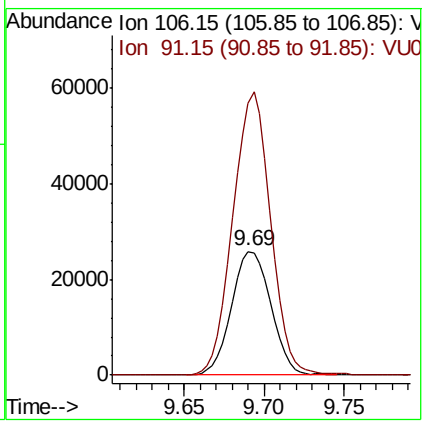


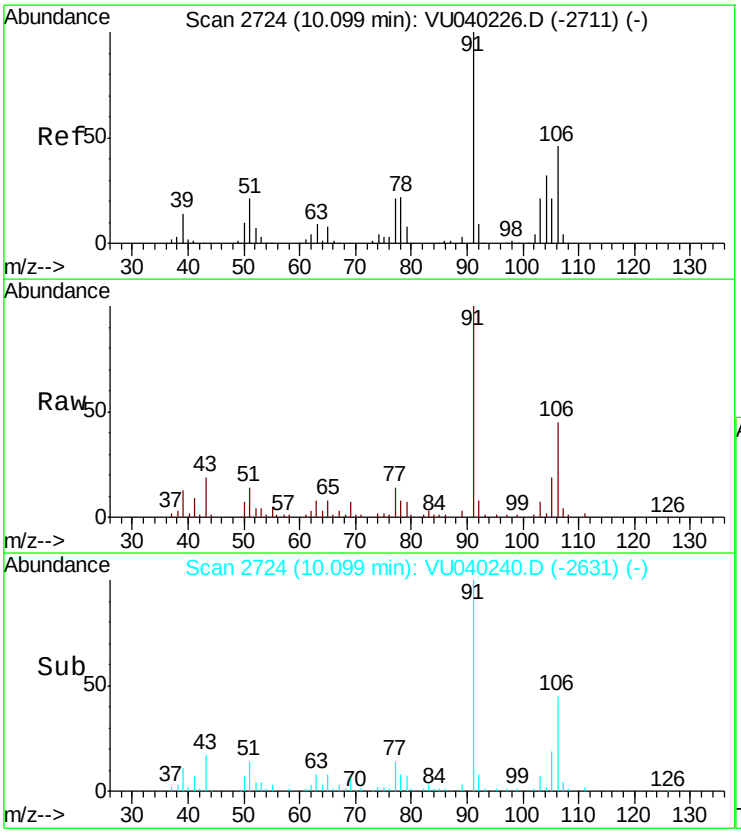
#53
m,p-Xylene
Concen: 2.236 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion:106 Resp: 43582

Ion	Ratio	Lower	Upper
106	100		
91	219.6	151.7	281.7

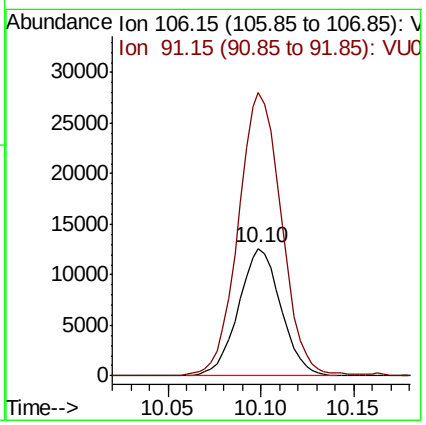


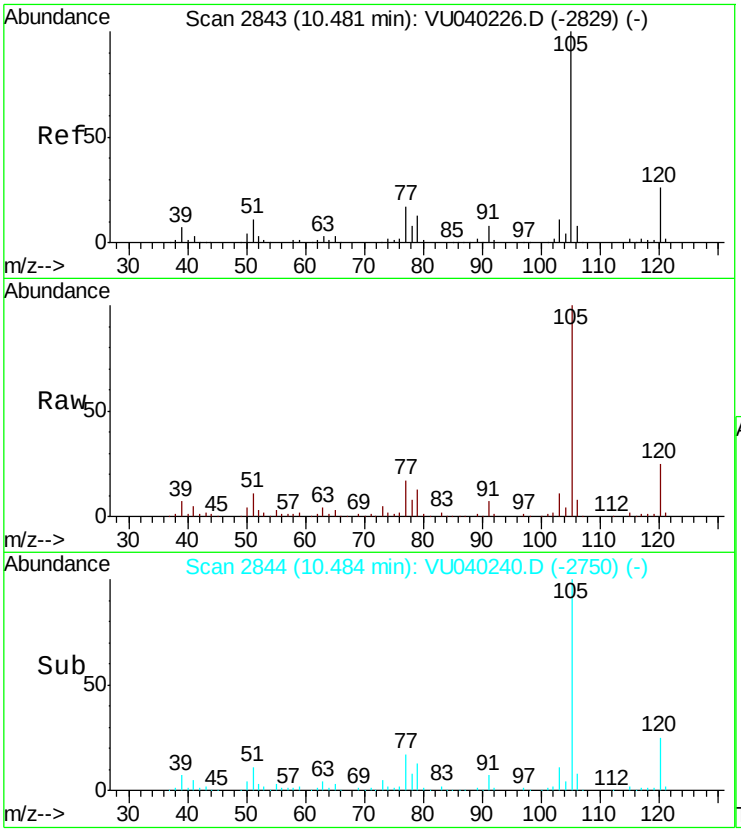


#54
o-Xylene
Concen: 1.073 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion:106 Resp: 19929

Ion	Ratio	Lower	Upper
106	100		
91	221.7	160.8	298.6



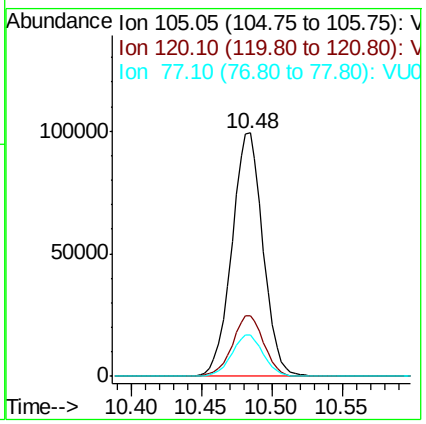


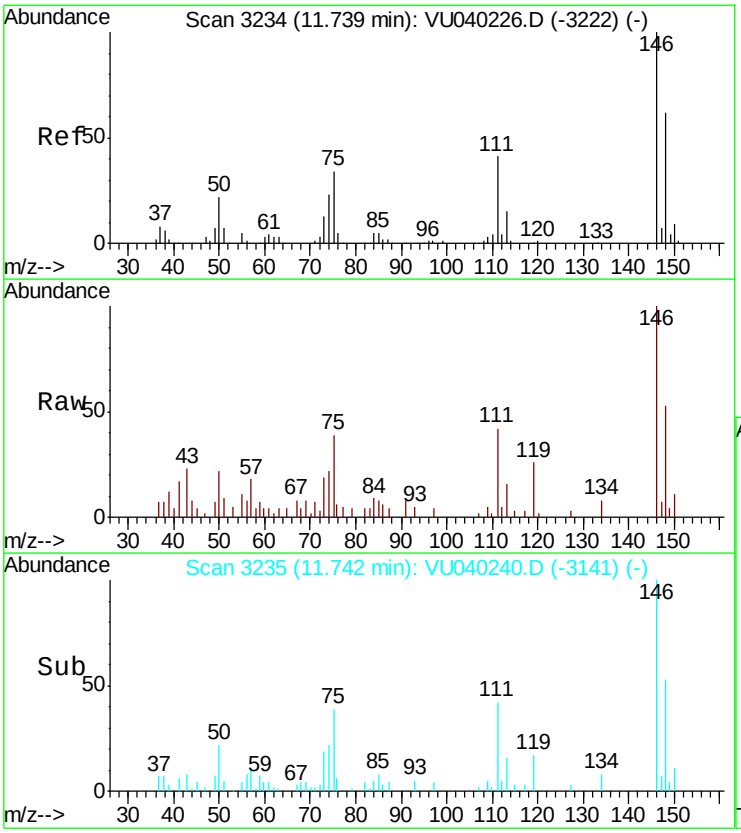
#56
Isopropylbenzene
Concen: 3.024 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion:105 Resp: 153192

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.1	30.1
77	17.1	14.4	21.6

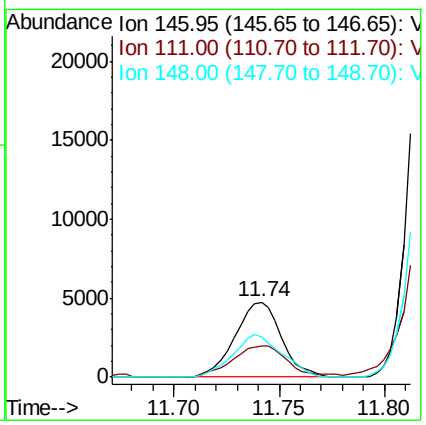


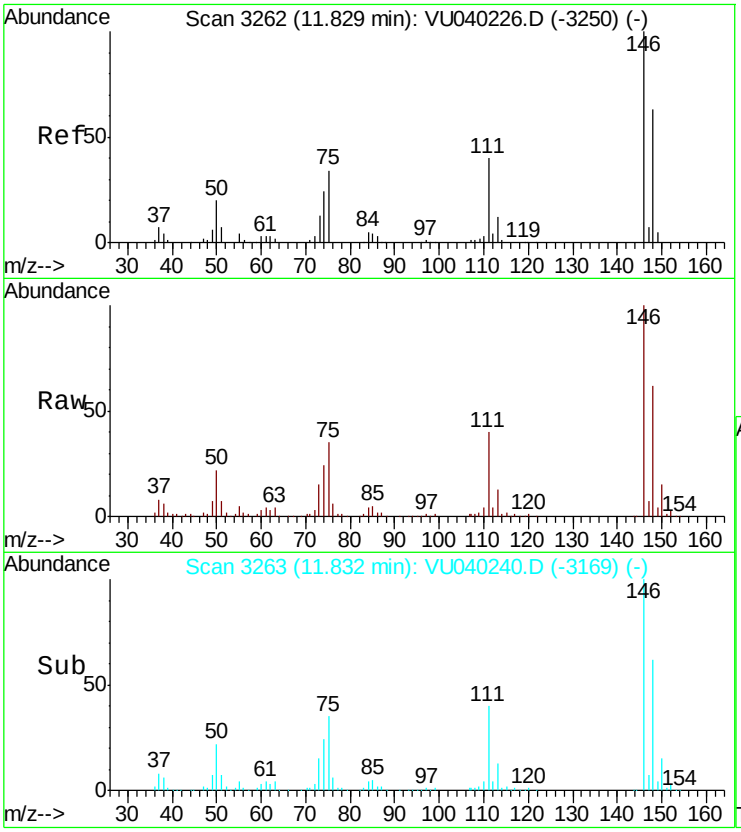


#62
1,3-Dichlorobenzene
Concen: 0.302 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion:146 Resp: 7223

Ion	Ratio	Lower	Upper
146	100		
111	41.9	31.6	58.8
148	52.6	44.2	82.0



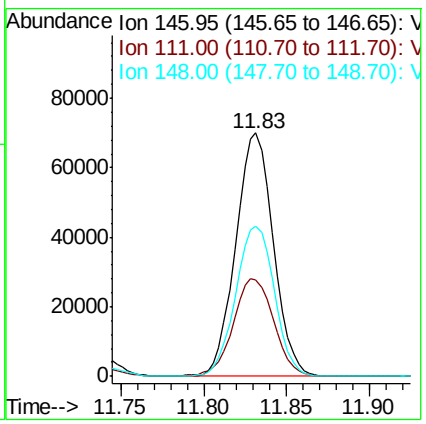


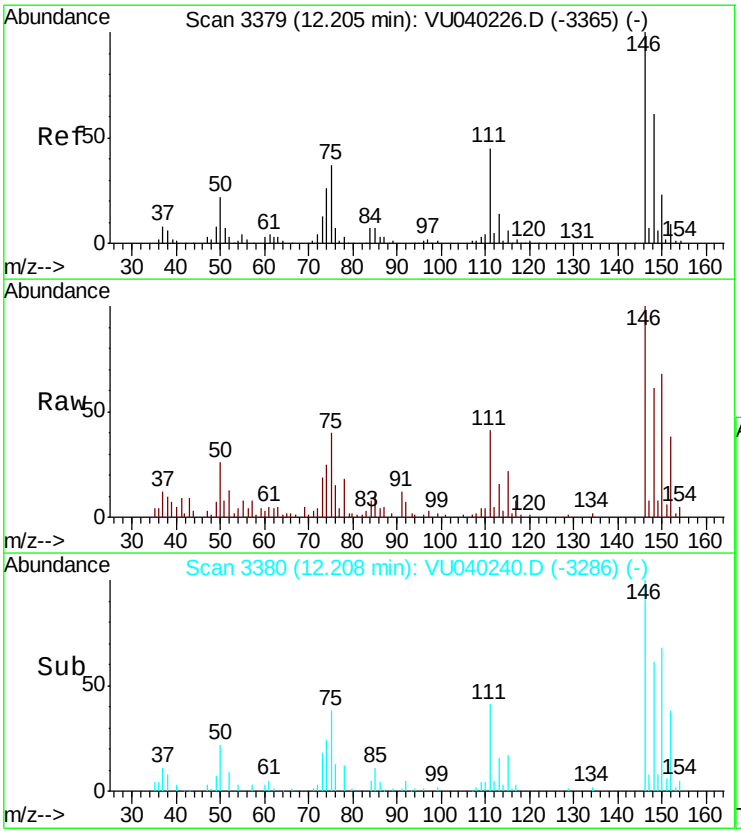
#63
1,4-Dichlorobenzene
Concen: 4.558 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion:146 Resp: 110339

Ion	Ratio	Lower	Upper
146	100		
111	39.7	30.5	56.7
148	61.9	45.4	84.4

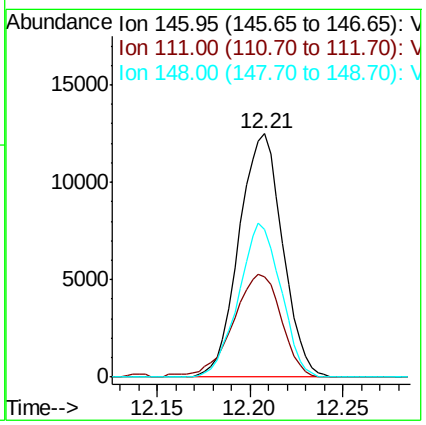


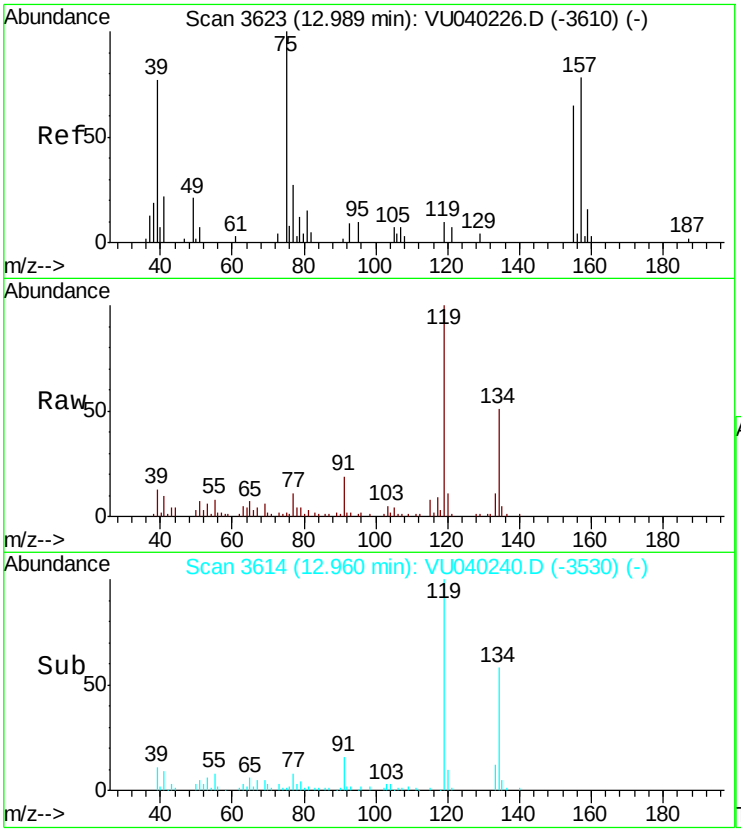


#65
1,2-Dichlorobenzene
Concen: 0.882 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion:146 Resp: 20423

Ion	Ratio	Lower	Upper
146	100		
111	41.2	36.5	54.7
148	60.8	48.6	72.8



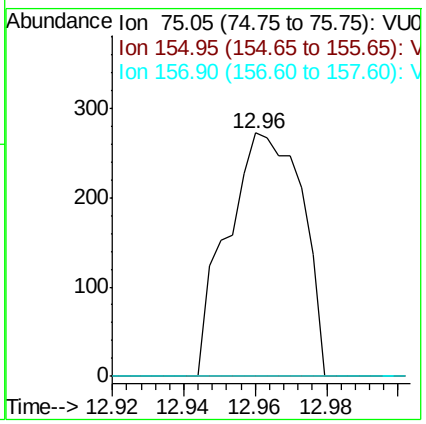


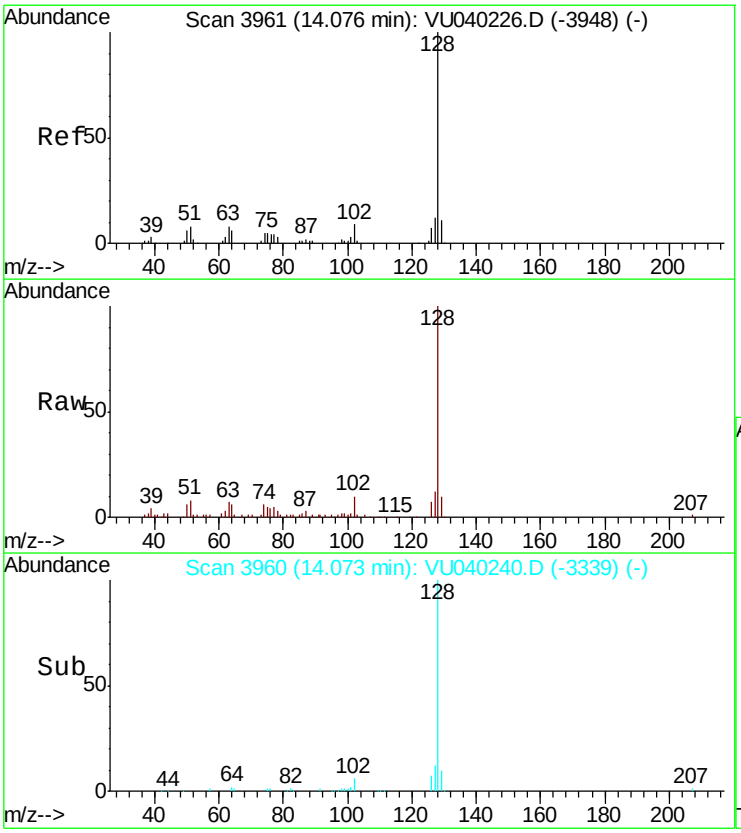
#66
1,2-Dibromo-3-chloropropane
Concen: 0.159 ug/L
RT: 12.96 min Scan# 3614
Delta R.T. -0.03 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2

Tgt Ion: 75 Resp: 393

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





#69
Naphthalene
Concen: 1.625 ug/L
RT: 14.07 min Scan# 3960
Delta R.T. -0.00 min
Lab File: VU040240.D
Acq: 21 Sep 2020 17:45

Tgt Ion:128 Resp: 49073

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.5	10.7	16.1