Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040439.D
Acq On : 01 Oct 2020 23:01
Operator : SY/MD
Sample : L4240-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7

Quant Time: Oct 02 05:29:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	142746	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71638	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26098	3.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.80%			
7) Chloroethane-d5	1.92	69	28096	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.58	63	45721	2.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.80%#			
20) 2-Butanone-d5	4.66	46	192145	54.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.48%			
24) Chloroform-d	5.08	84	79665	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.72	65	48089	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.74	84	135992	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.70	67	49903	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.90	98	120511	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
43) trans-1,3-Dichloropropene-	8.19	79	18527	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.64	63	143321	59.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.82%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48464	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55599	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	826	0.059	ug/L #	42
8) Chloroethane	1.94	64	73555	8.995	ug/L	83
13) Acetone	2.61	43	13985	4.781	ug/L	52
14) Carbon disulfide	2.81	76	2958	0.086	ug/L	97
15) Methyl Acetate	3.10	43	9883342	1402.908	ug/L #	56
16) Methylene chloride	3.05	84	4813	0.352	ug/L #	1
17) Methyl tert-butyl Ether	3.39	73	3668	0.122	ug/L #	1
19) 1,1-Dichloroethane	3.89	63	20130	0.873	ug/L	89
21) 2-Butanone	4.67	43	49498	10.542	ug/L #	54
25) Chloroform	5.14	83	3080	0.131	ug/L #	1
27) 1,2-Dichloroethane	5.80	62	620	0.038	ug/L #	74
30) Cyclohexane	5.41	56	666262	34.502	ug/L	98
33) Benzene	5.79	78	16401	0.358	ug/L	100
35) Methylcyclohexane	6.77	83	36716	2.058	ug/L	92
39) cis-1,3-Dichloropropene	7.57	75	1324	0.077	ug/L #	23
40) 4-Methyl-2-pentanone	7.86	43	8543	0.855	ug/L #	49
42) Toluene	7.97	91	7958	0.169	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040439.D
Acq On : 01 Oct 2020 23:01
Operator : SY/MD
Sample : L4240-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7

Quant Time: Oct 02 05:29:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	8.19	75	1081	0.069	ug/L		84
45) 1,1,2-Trichloroethane	8.38	97	30338	3.392	ug/L	#	17
51) Chlorobenzene	9.45	112	2269191	74.711	ug/L		98
52) Ethylbenzene	9.57	91	13001	0.255	ug/L		100
53) m,p-Xylene	9.70	106	7981	0.420	ug/L		98
54) o-Xylene	10.10	106	1861	0.104	ug/L		83
56) Isopropylbenzene	10.48	105	7069	0.147	ug/L		97
59) 1,2,3-Trichloropropane	11.74	75	86274	9.329	ug/L	#	43
62) 1,3-Dichlorobenzene	11.74	146	244408	10.305	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	463195	18.776	ug/L		99
65) 1,2-Dichlorobenzene	12.20	146	29881	1.296	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.96	75	804	0.387	ug/L	#	10
67) 1,3,5-Trichlorobenzene	13.83	180	341136	20.148	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	341136	25.074	ug/L		100
69) Naphthalene	14.08	128	7360	0.317	ug/L	#	87
70) 1,2,3-Trichlorobenzene	14.32	180	57042	4.582	ug/L		97

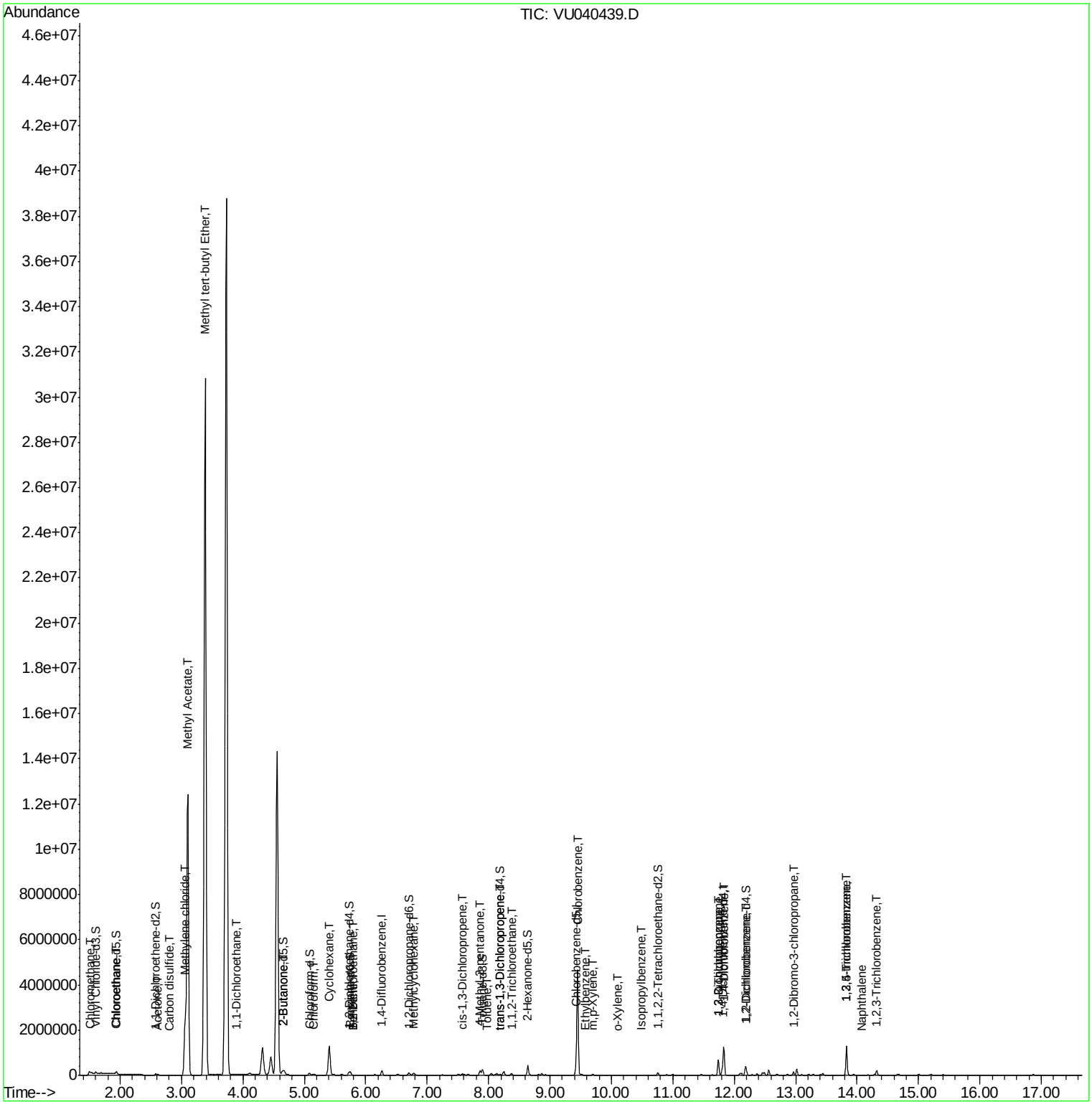
(#) = qualifier out of range (m) = manual integration (+) = signals summed

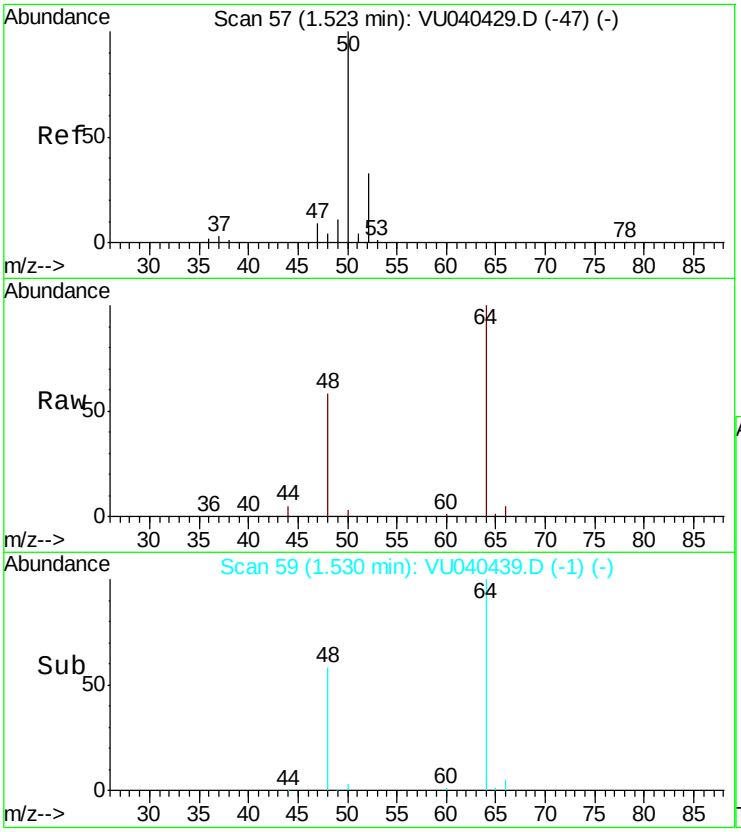
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040439.D
Acq On : 01 Oct 2020 23:01
Operator : SY/MD
Sample : L4240-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Quant Time: Oct 02 05:29:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration



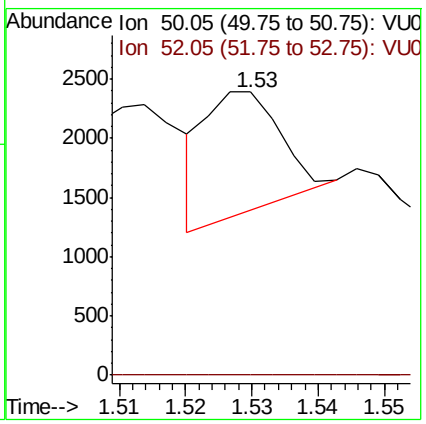


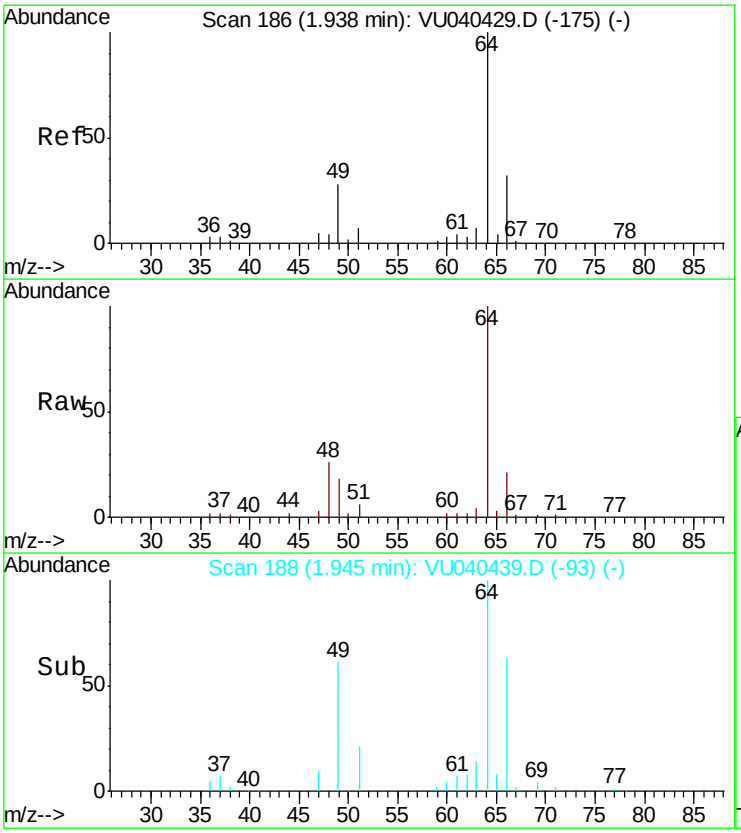
#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.01 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument : MSVOA_U
ClientSampleId : BG3S7

Tgt Ion: 50 Resp: 826

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.6#

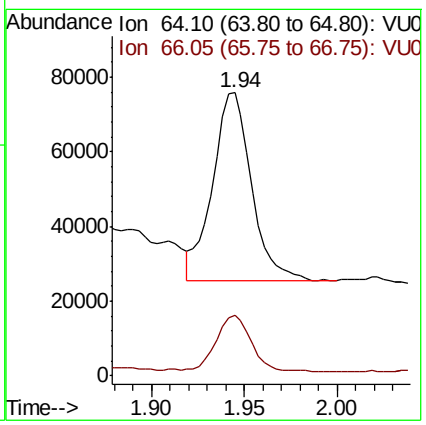


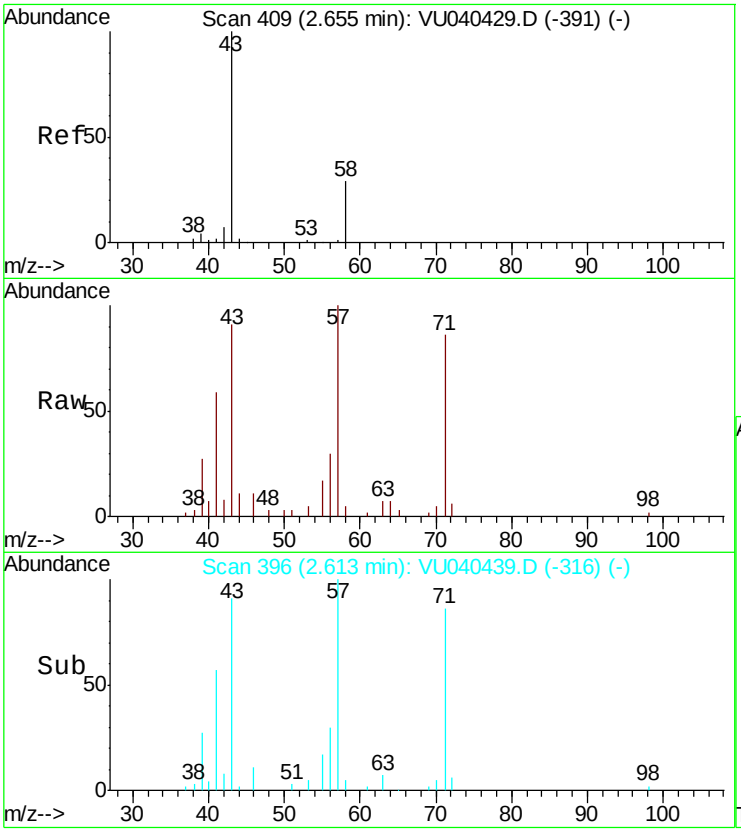


#8
Chloroethane
Concen: 8.995 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.01 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 64 Resp: 73555

Ion	Ratio	Lower	Upper
64	100		
66	21.5	21.3	39.6



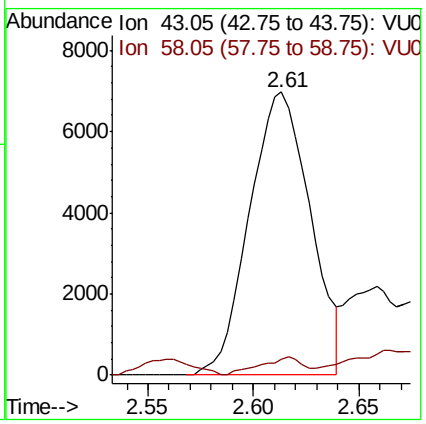


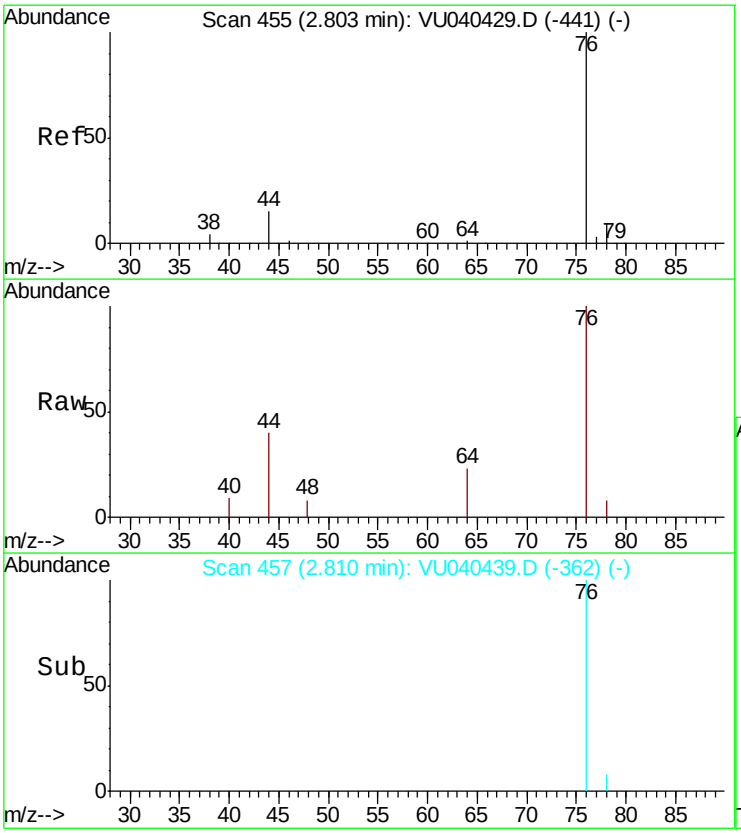
#13
Acetone
Concen: 4.781 ug/L
RT: 2.61 min Scan# 396
Delta R.T. -0.04 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument : MSVOA_U
ClientSampleId : BG3S7

Tgt Ion: 43 Resp: 13985

Ion	Ratio	Lower	Upper
43	100		
58	4.5	0.0	61.8

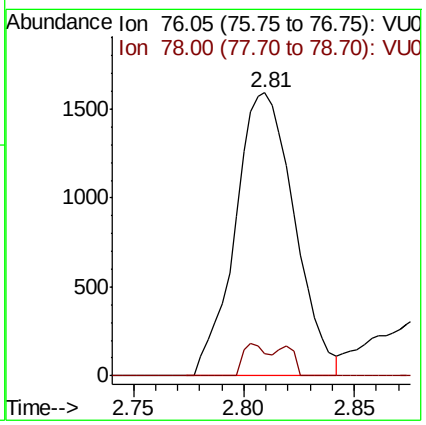


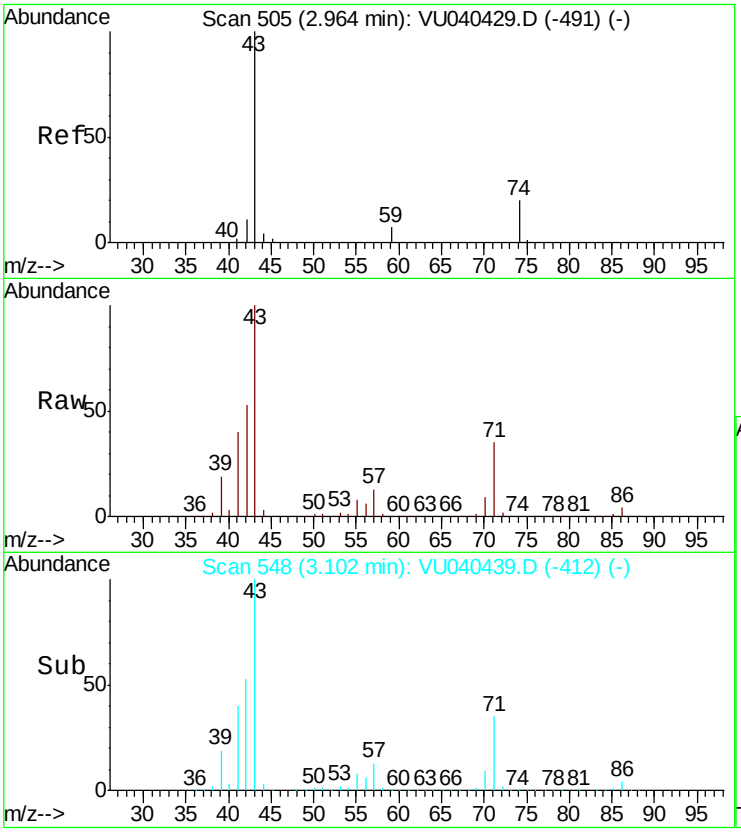


#14
Carbon disulfide
Concen: 0.086 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.01 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 76 Resp: 2958

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.2	10.8



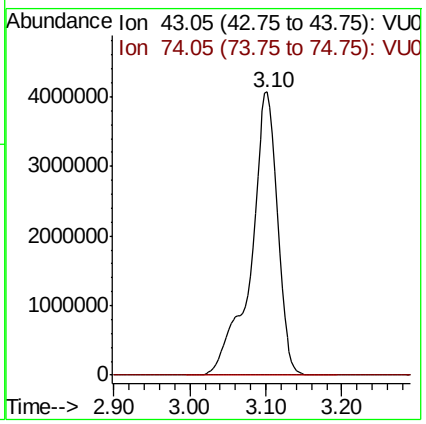


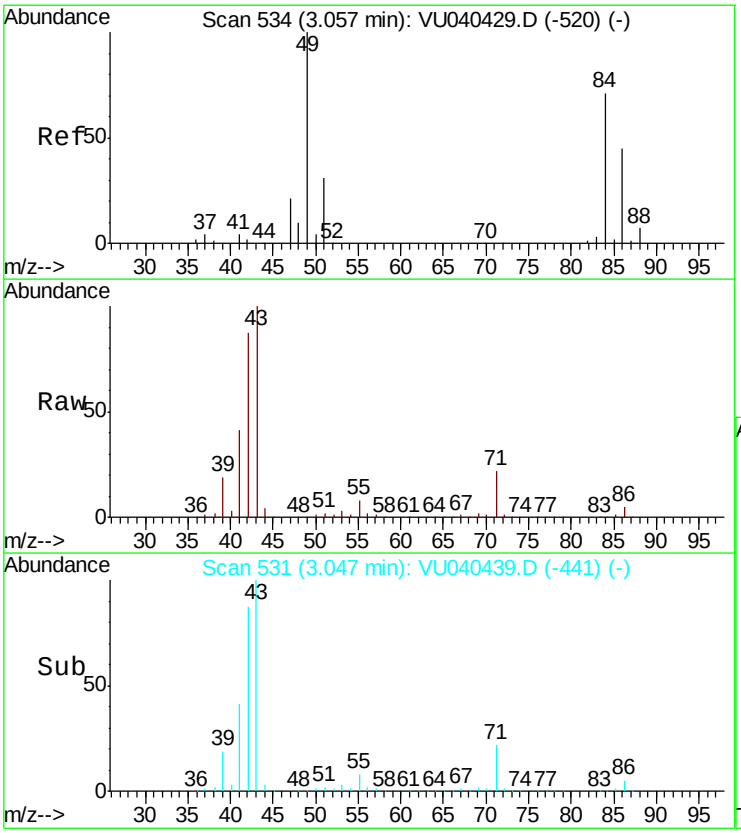
#15
Methyl Acetate
Concen: 1402.908 ug/L
RT: 3.10 min Scan# 548
Delta R.T. 0.14 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument : MSVOA_U
ClientSampleId : BG3S7

Tgt Ion: 43 Resp: 9883342

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

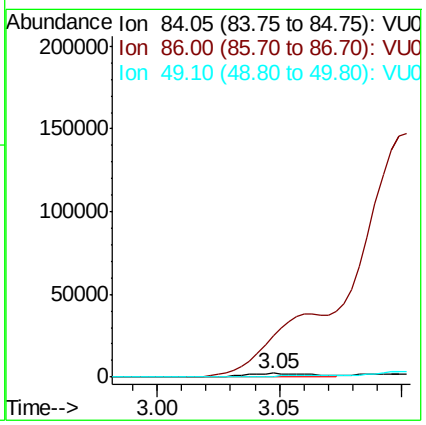


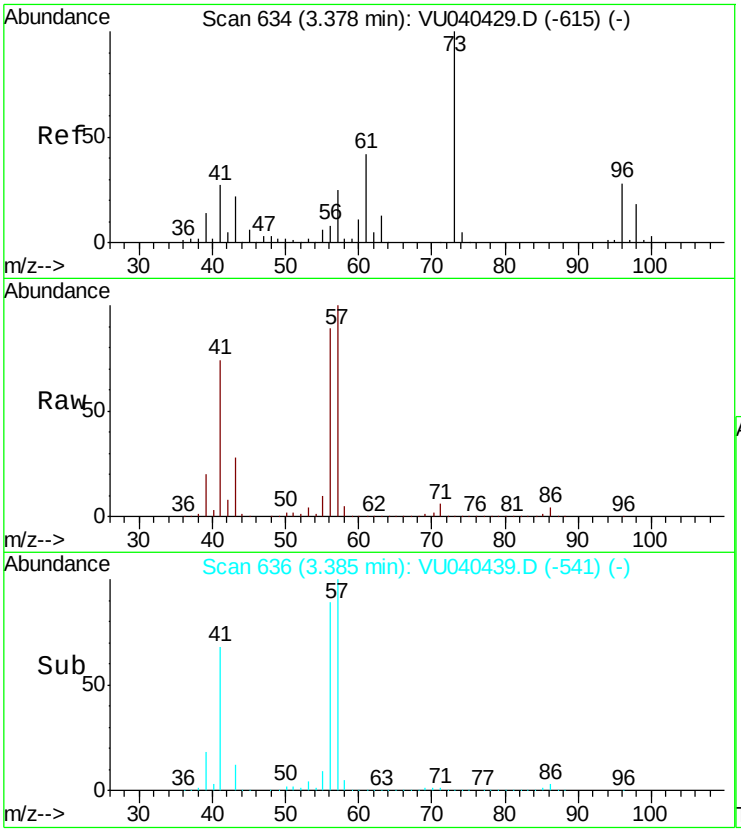


#16
Methylene chloride
Concen: 0.352 ug/L
RT: 3.05 min Scan# 531
Delta R.T. -0.01 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 84 Resp: 4813

Ion	Ratio	Lower	Upper
84	100		
86	1127.2	44.4	82.5#
49	26.4	92.2	171.2#



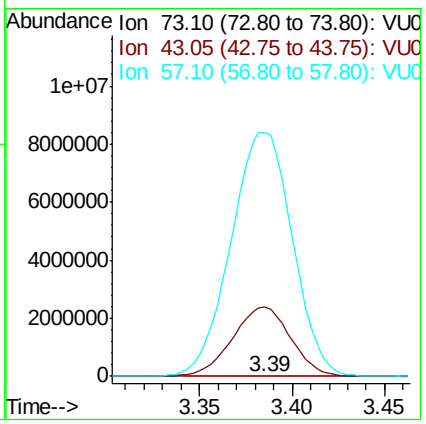


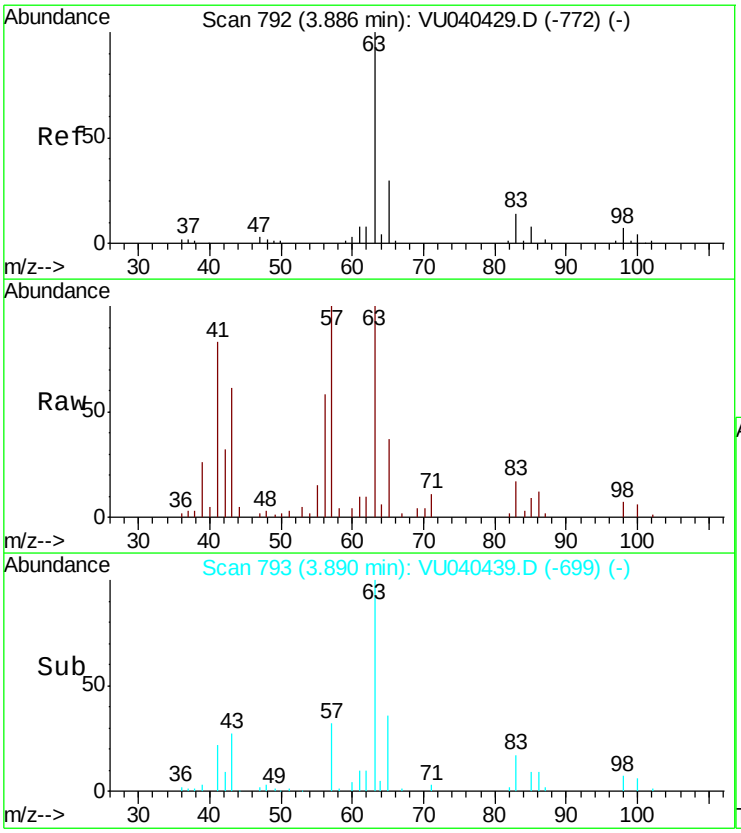
#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.01 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 73 Resp: 3668

Ion	Ratio	Lower	Upper
73	100		
43	142642.3	19.0	28.4#
57	530470.1	18.9	28.3#

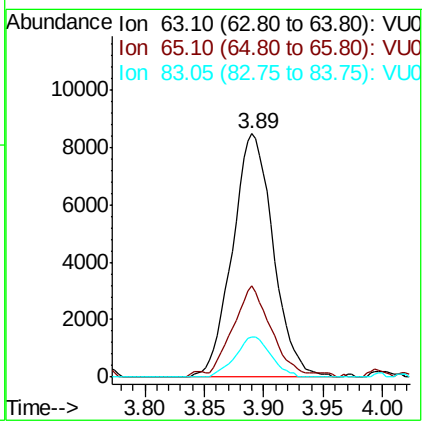


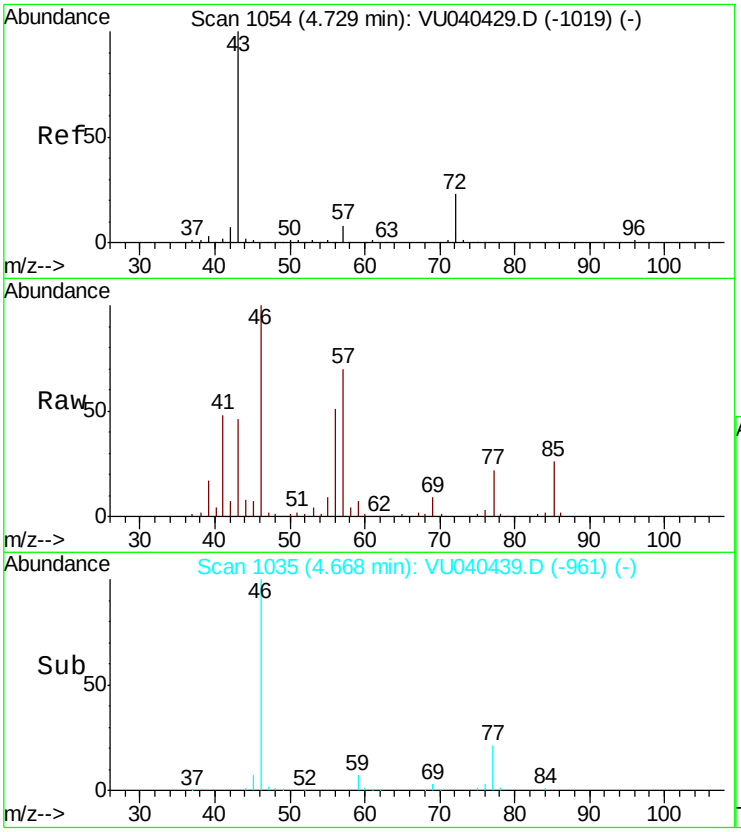


#19
1,1-Dichloroethane
Concen: 0.873 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 63 Resp: 20130

Ion	Ratio	Lower	Upper
63	100		
65	37.4	21.7	40.3
83	16.6	9.1	16.9



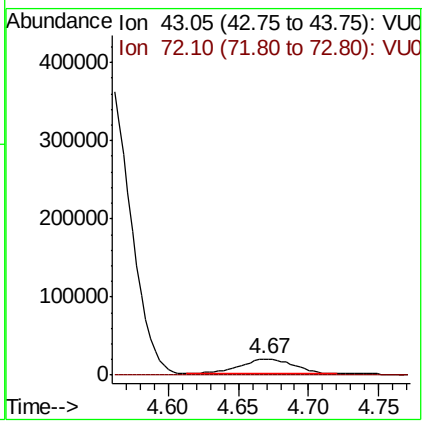


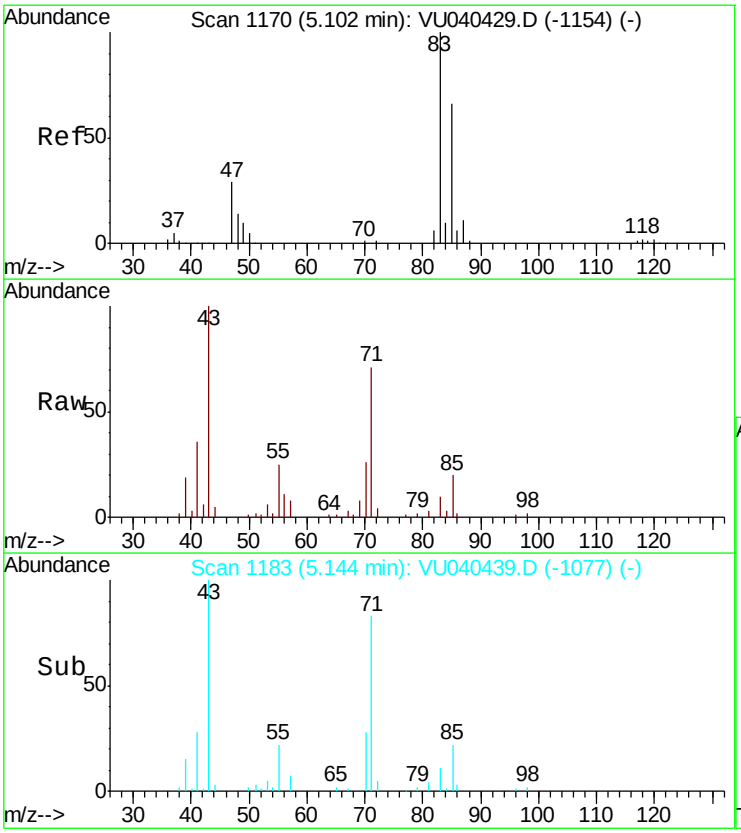
#21
2-Butanone
Concen: 10.542 ug/L
RT: 4.67 min Scan# 1035
Delta R.T. -0.06 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument : MSVOA_U
ClientSampleId : BG3S7

Tgt Ion: 43 Resp: 49498

Ion	Ratio	Lower	Upper
43	100		
72	1.5	12.0	36.1#

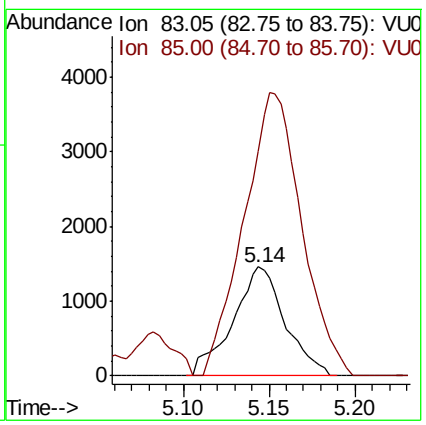


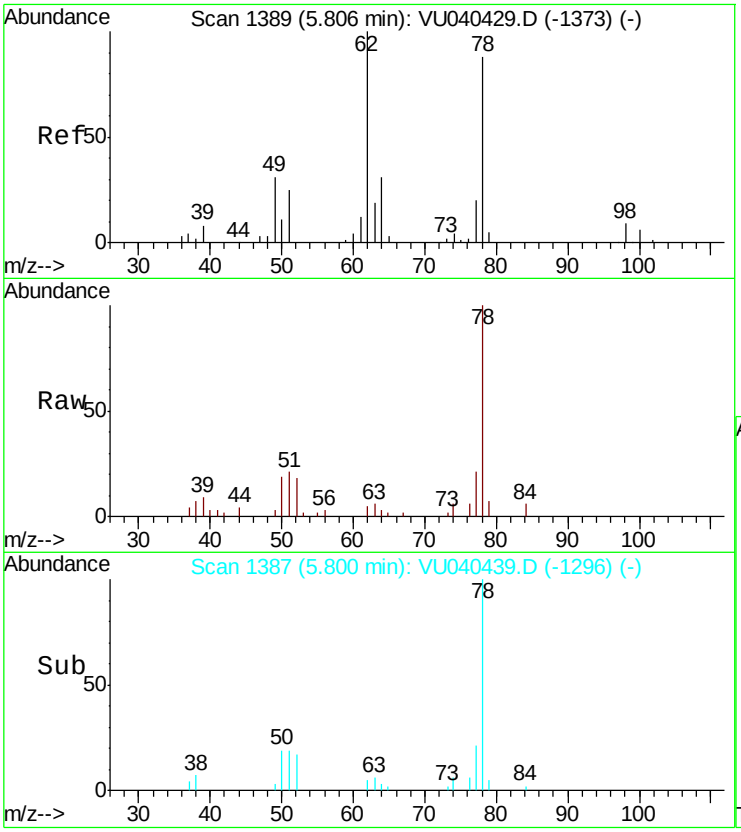


#25
Chloroform
Concen: 0.131 ug/L
RT: 5.14 min Scan# 1183
Delta R.T. 0.04 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 83 Resp: 3080

Ion	Ratio	Lower	Upper
83	100		
85	205.7	44.6	82.8#



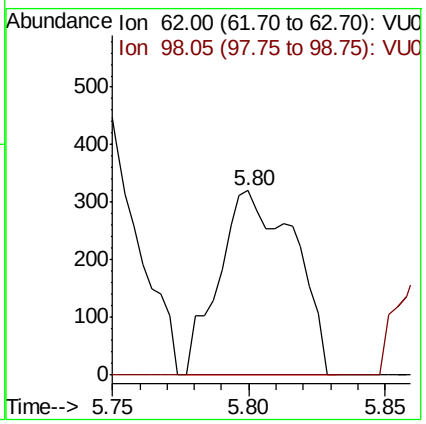


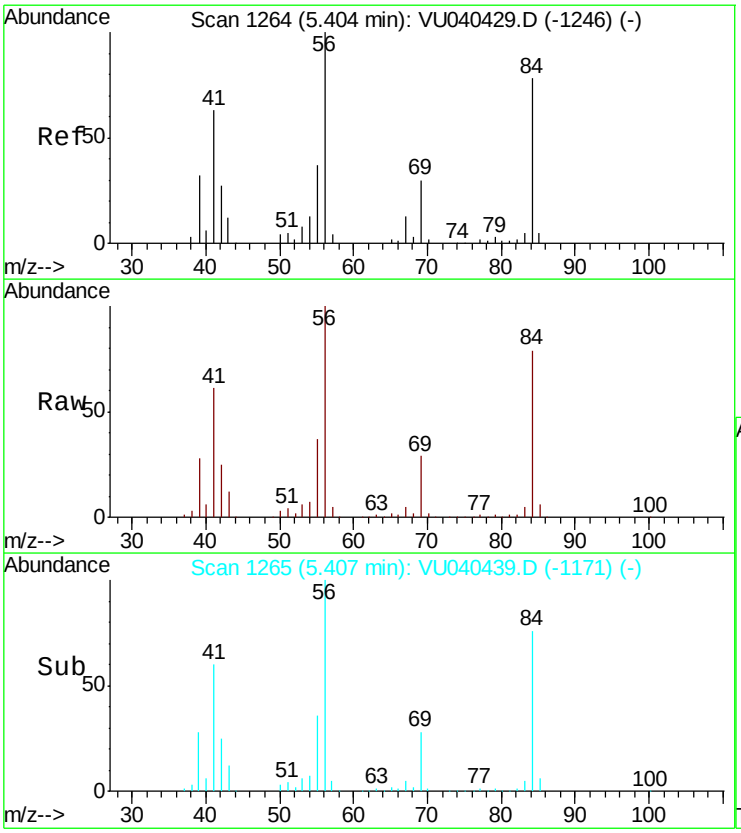
#27
1,2-Dichloroethane
Concen: 0.038 ug/L
RT: 5.80 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 62 Resp: 620

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

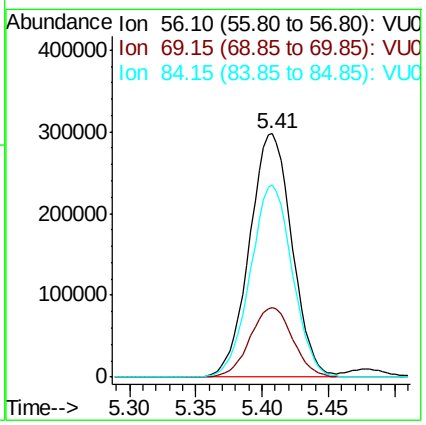


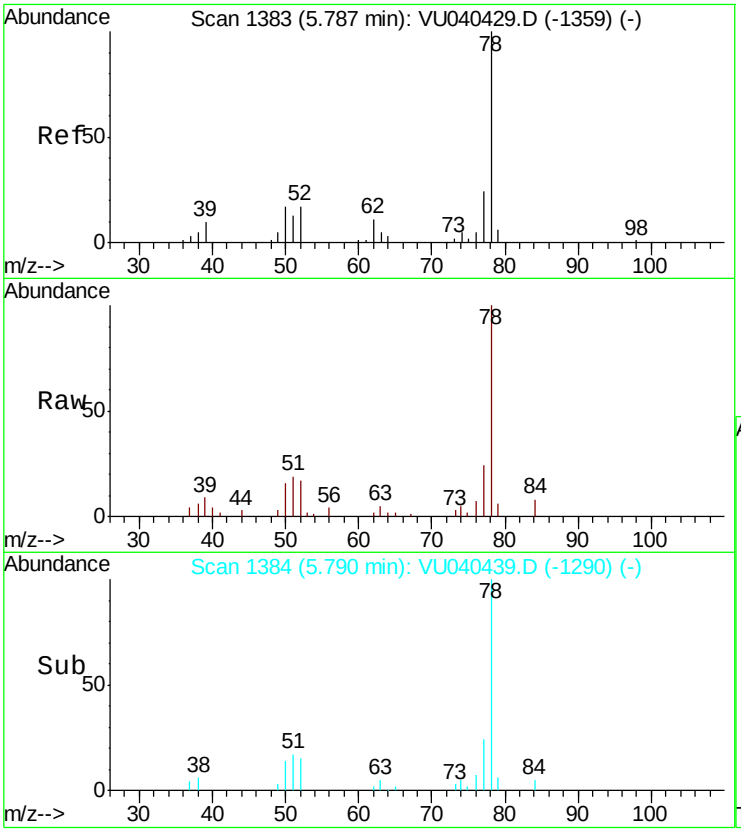


#30
Cyclohexane
Concen: 34.502 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 56 Resp: 666262

Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.3	34.9
84	77.9	64.2	96.4

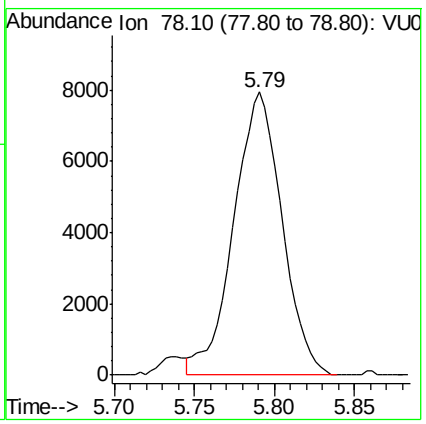


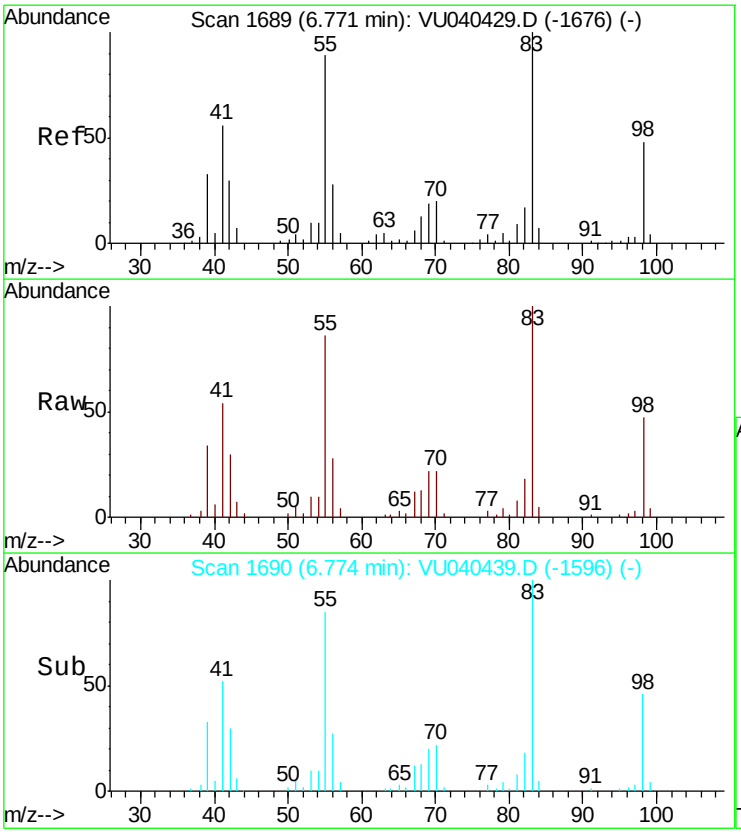


#33
Benzene
Concen: 0.358 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 78 Resp: 16401

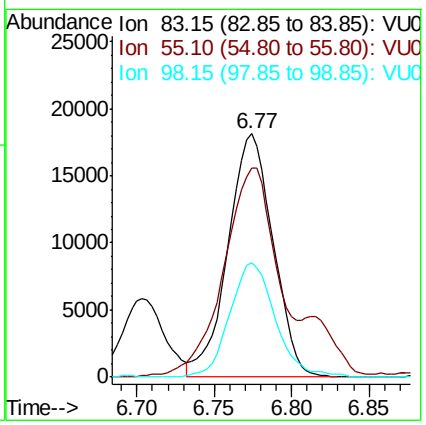


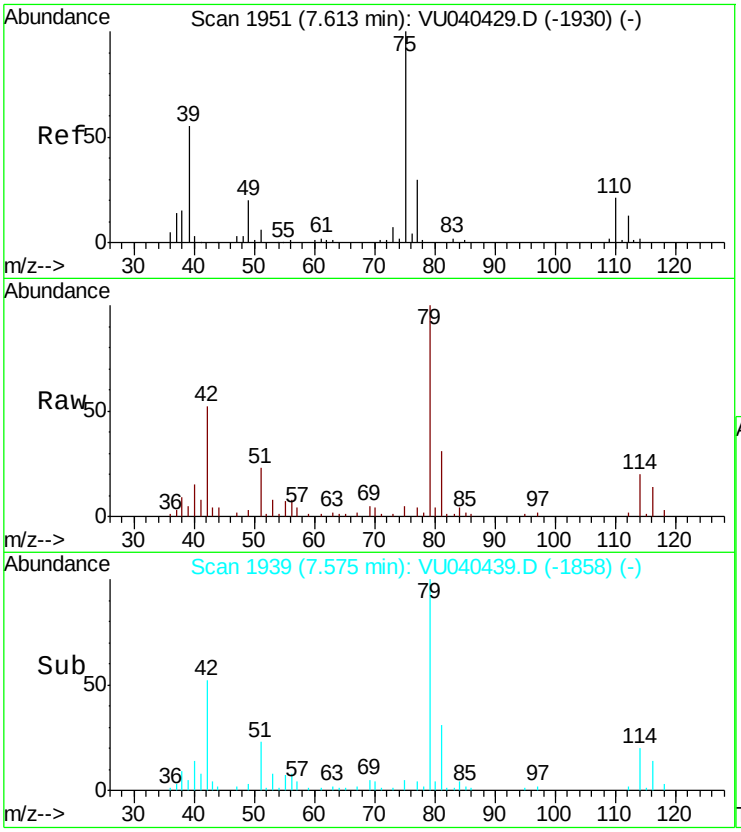


#35
Methylcyclohexane
Concen: 2.058 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 83 Resp: 36716

Ion	Ratio	Lower	Upper
83	100		
55	100.0	71.4	107.2
98	47.5	38.5	57.7



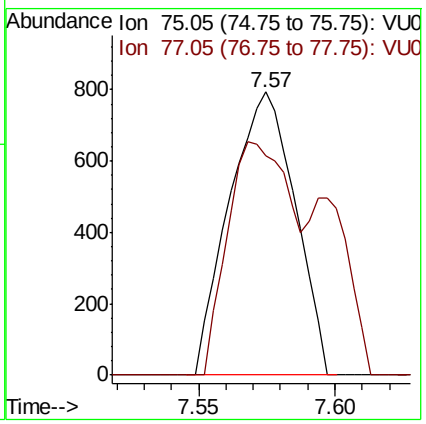


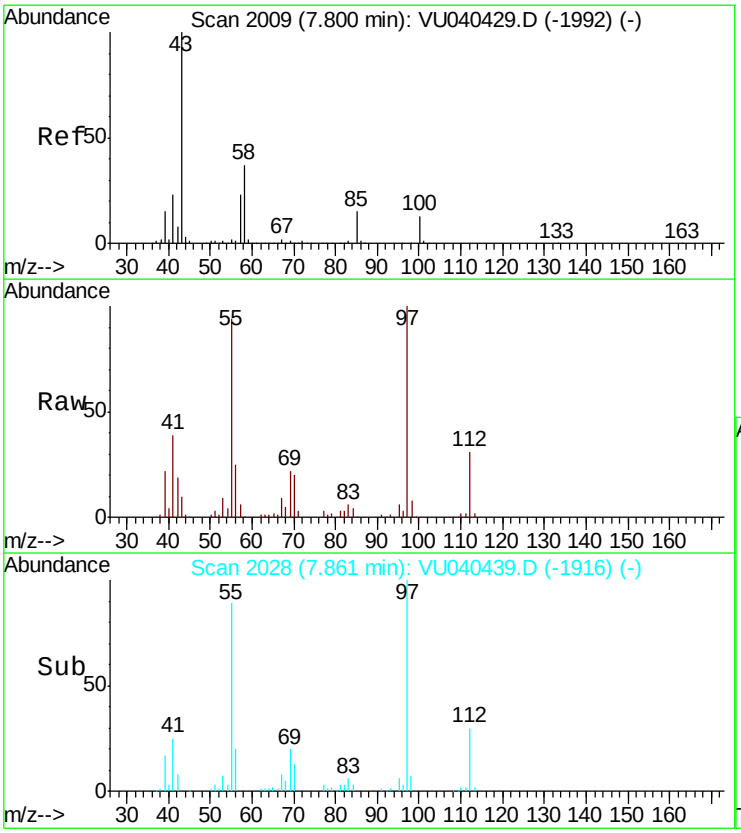
#39
cis-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 75 Resp: 1324

Ion	Ratio	Lower	Upper
75	100		
77	77.6	23.5	43.7#

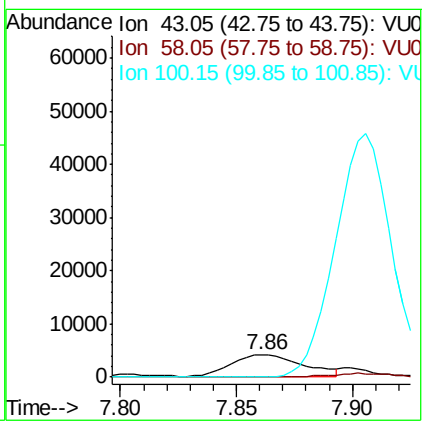


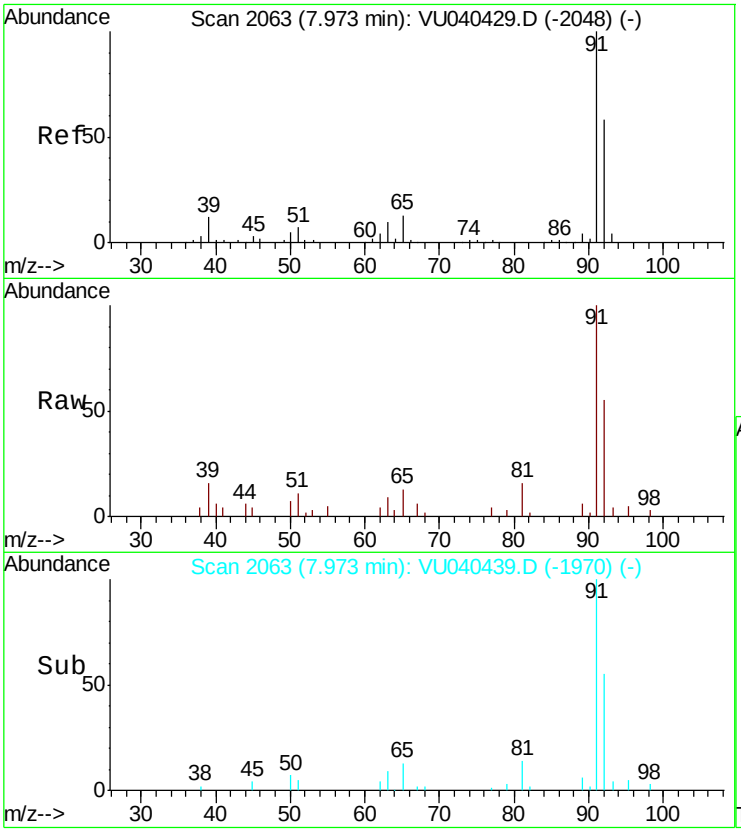


#40
4-Methyl-2-pentanone
Concen: 0.855 ug/L
RT: 7.86 min Scan# 2028
Delta R.T. 0.06 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 43 Resp: 8543

Ion	Ratio	Lower	Upper
43	100		
58	2.2	29.2	43.8#
100	0.0	10.3	15.5#



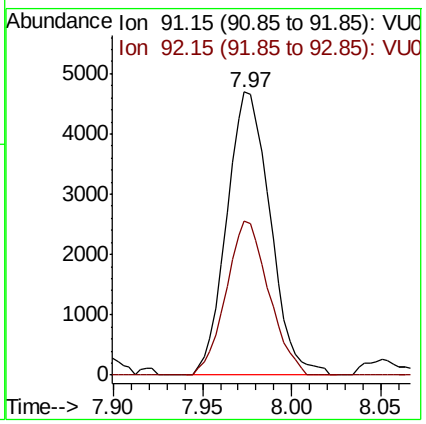


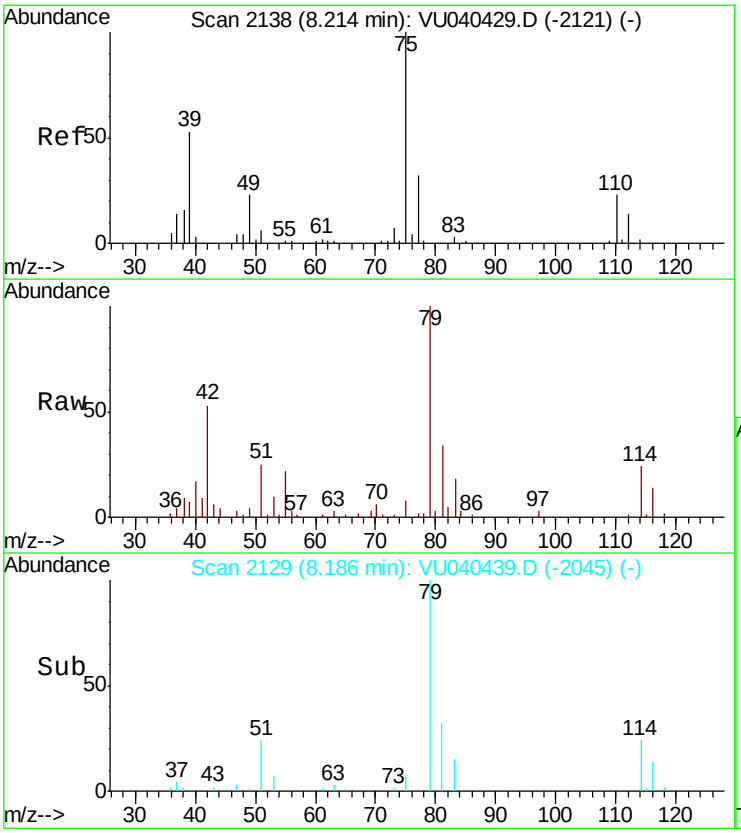
#42
Toluene
Concen: 0.169 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 91 Resp: 7958

Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.0	74.4

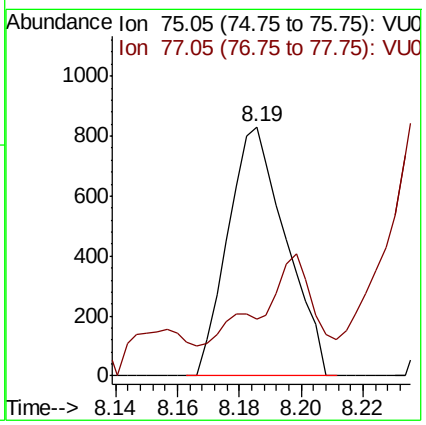


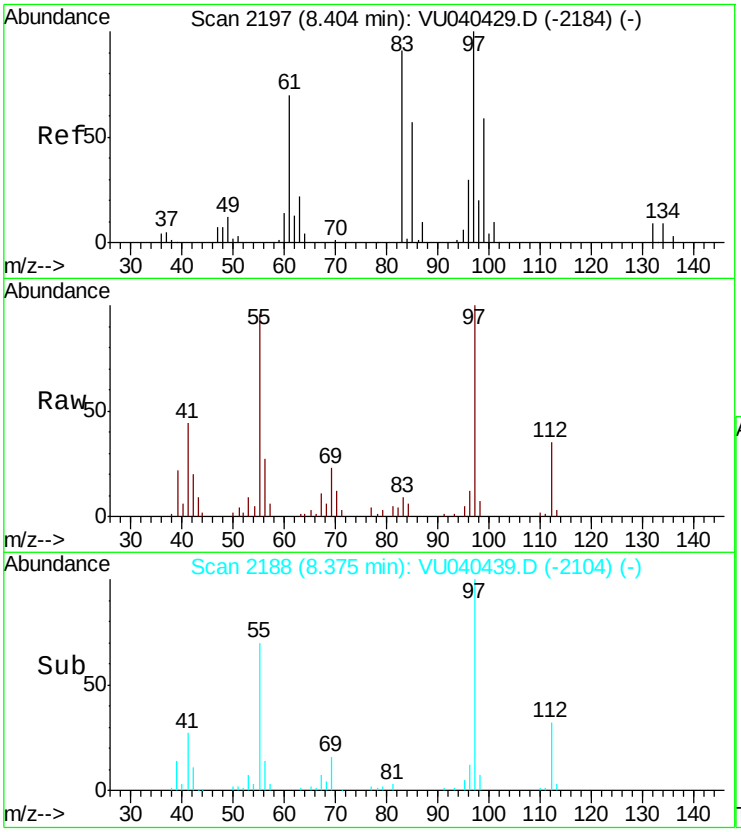


#44
trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion: 75 Resp: 1081

Ion	Ratio	Lower	Upper
75	100		
77	23.0	22.3	41.3



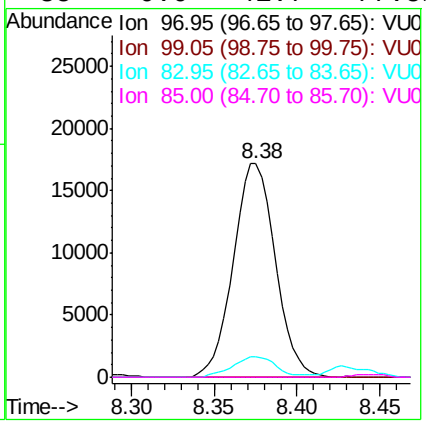


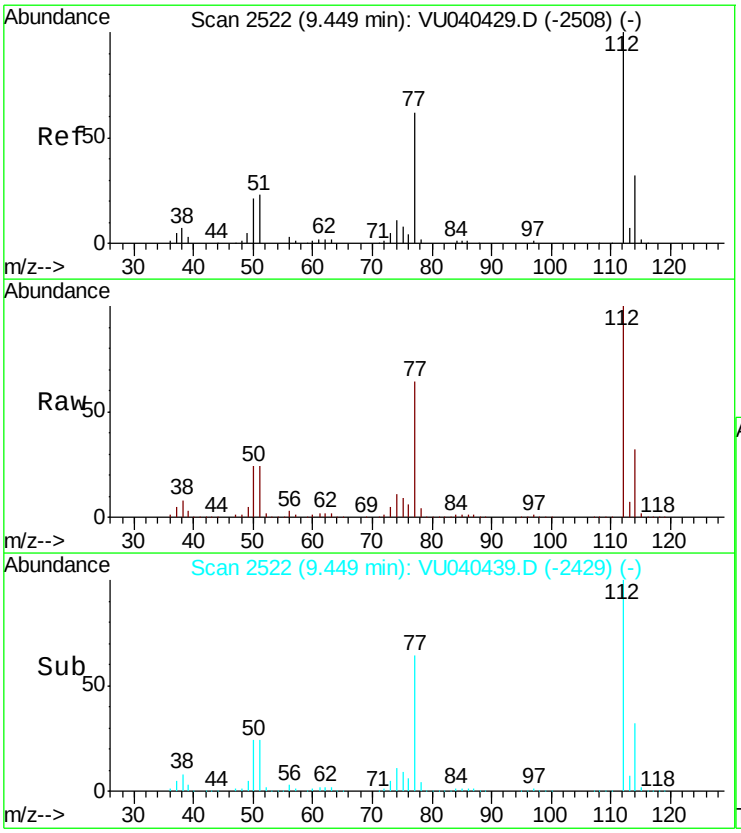
#45
1,1,2-Trichloroethane
Concen: 3.392 ug/L
RT: 8.38 min Scan# 2188
Delta R.T. -0.03 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 97 Resp: 30338

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.0#
83	9.4	62.9	116.9#
85	0.0	41.7	77.5#

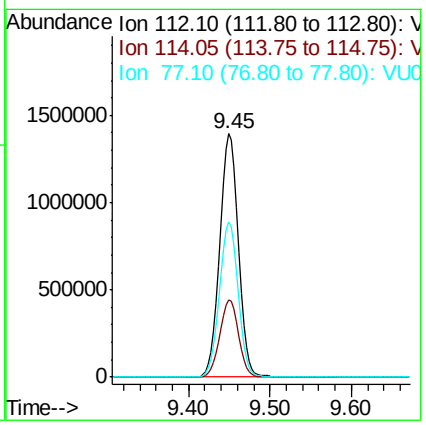


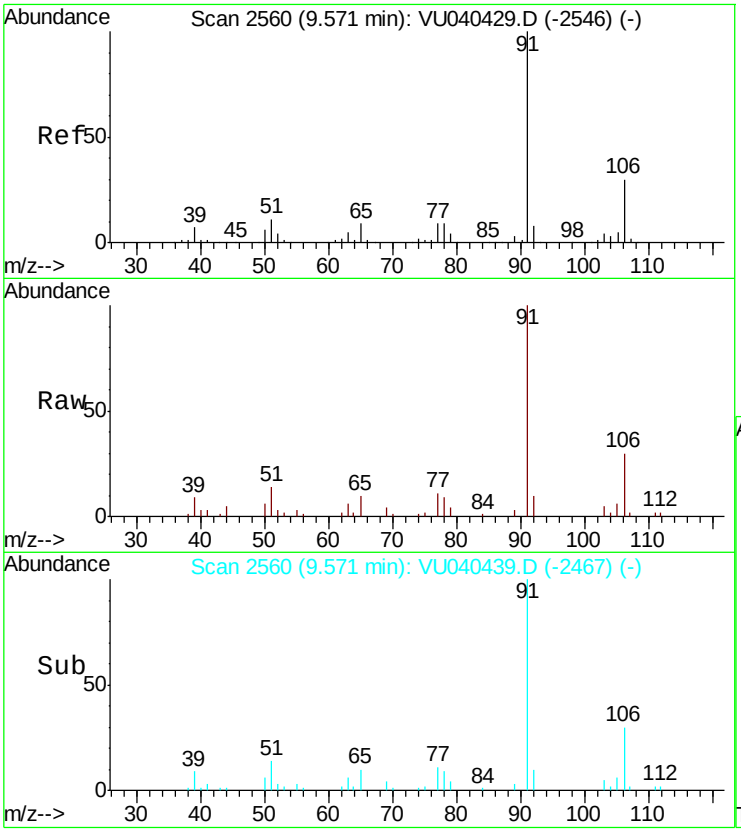


#51
Chlorobenzene
Concen: 74.711 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion:112 Resp: 2269191

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	40.8
77	63.9	49.5	74.3



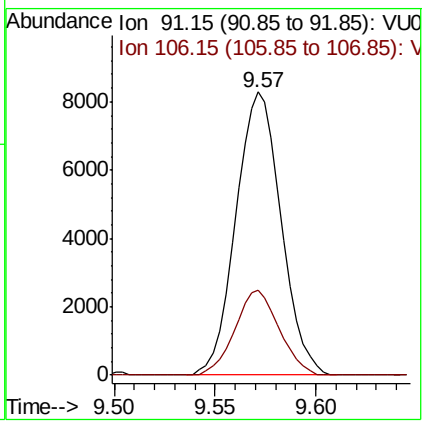


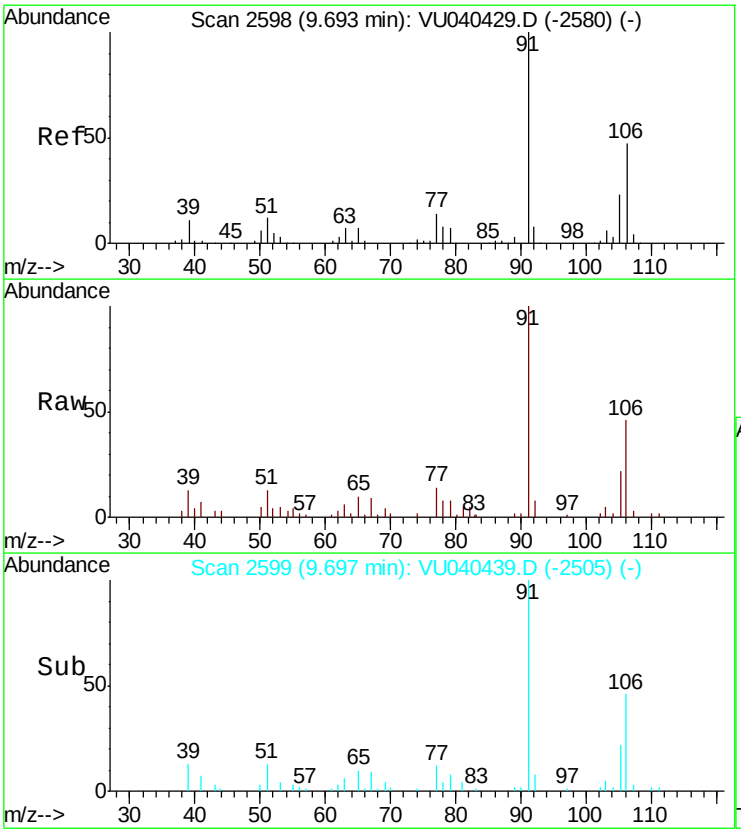
#52
Ethylbenzene
Concen: 0.255 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument : MSVOA_U
ClientSampleId : BG3S7

Tgt Ion: 91 Resp: 13001

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.1	39.3

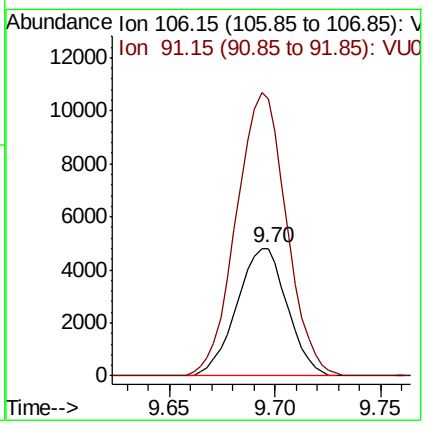


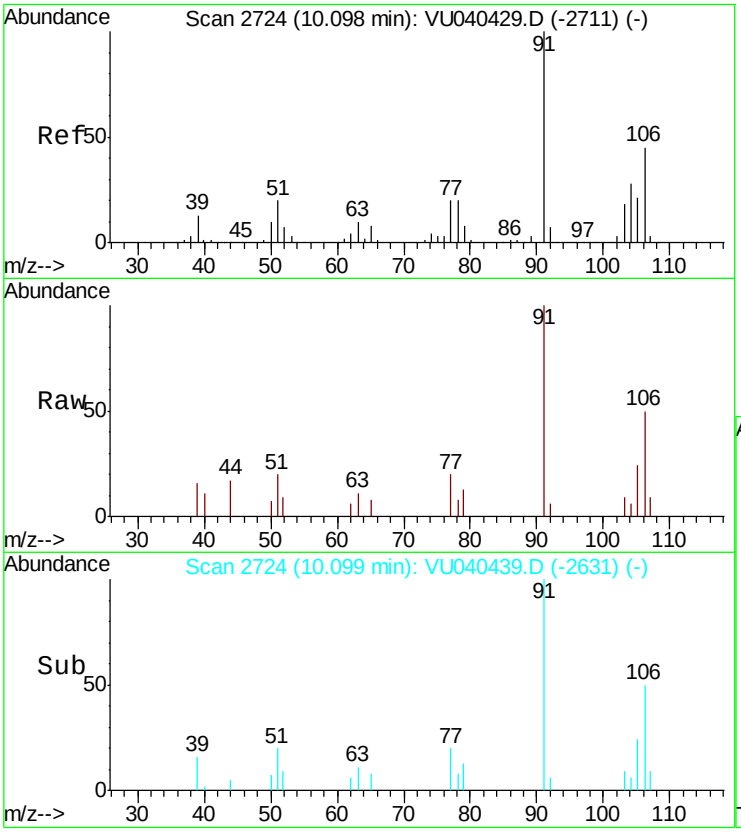


#53
m,p-Xylene
Concen: 0.420 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion:106 Resp: 7981

Ion	Ratio	Lower	Upper
106	100		
91	216.5	149.0	276.6



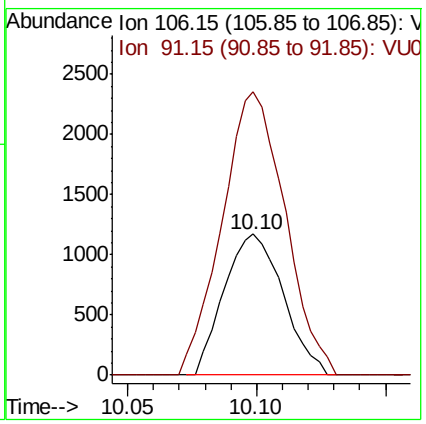


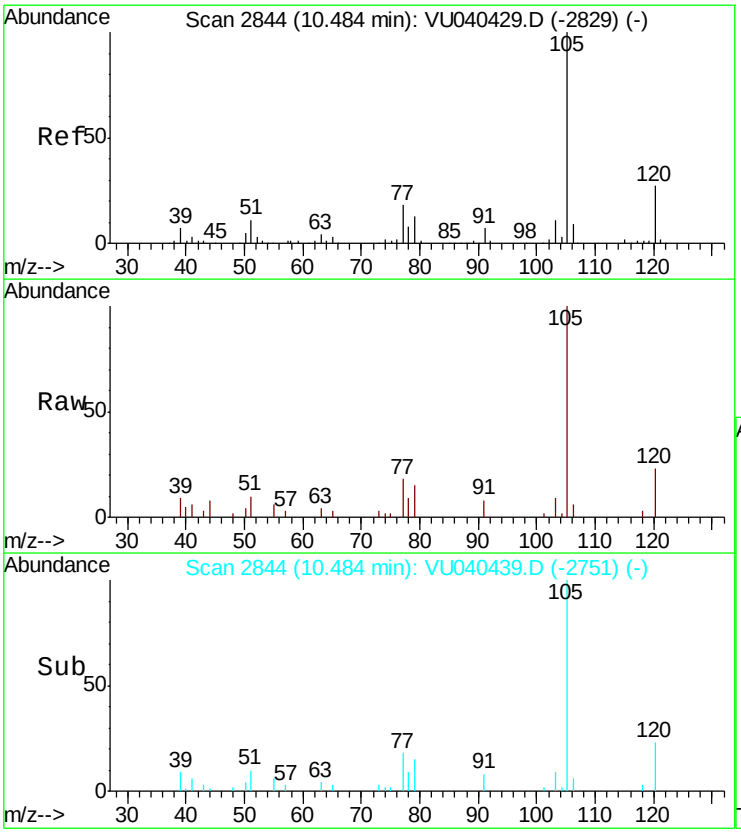
#54
o-Xylene
Concen: 0.104 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion:106 Resp: 1861

Ion	Ratio	Lower	Upper
106	100		
91	201.2	160.9	298.9

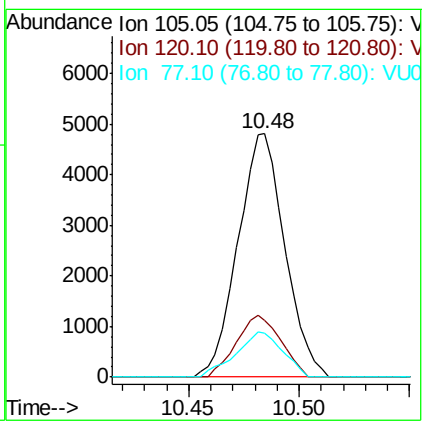


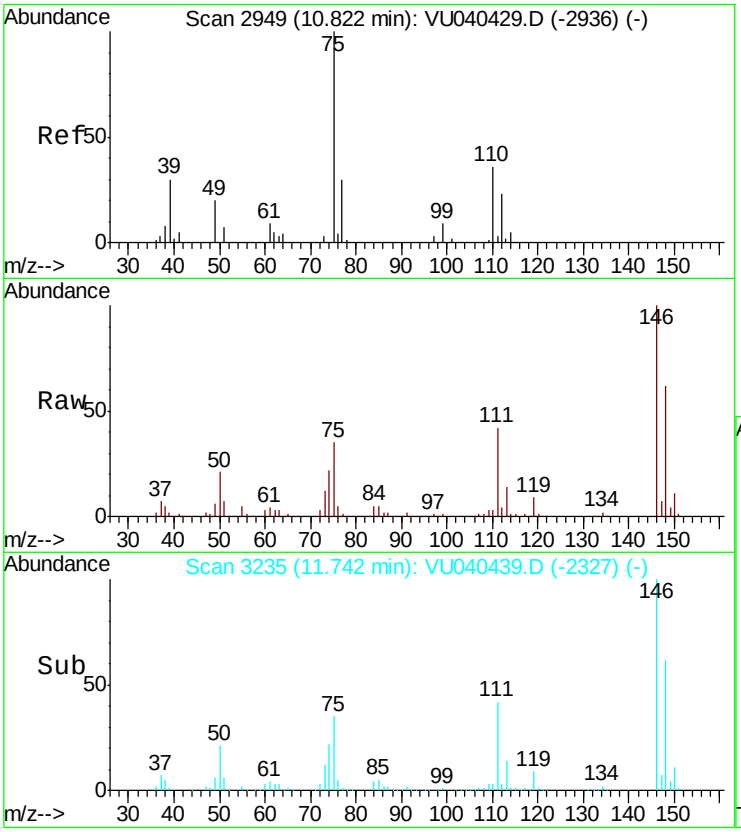


#56
Isopropylbenzene
Concen: 0.147 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion:105 Resp: 7069

Ion	Ratio	Lower	Upper
105	100		
120	24.0	20.6	30.8
77	18.6	14.3	21.5



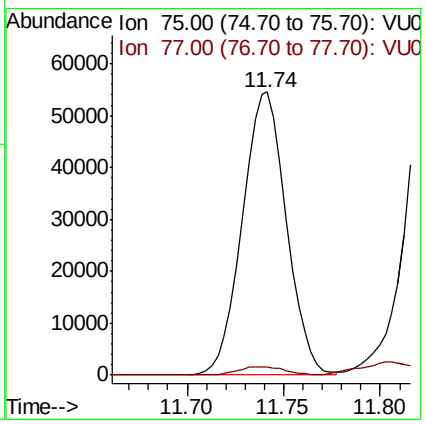


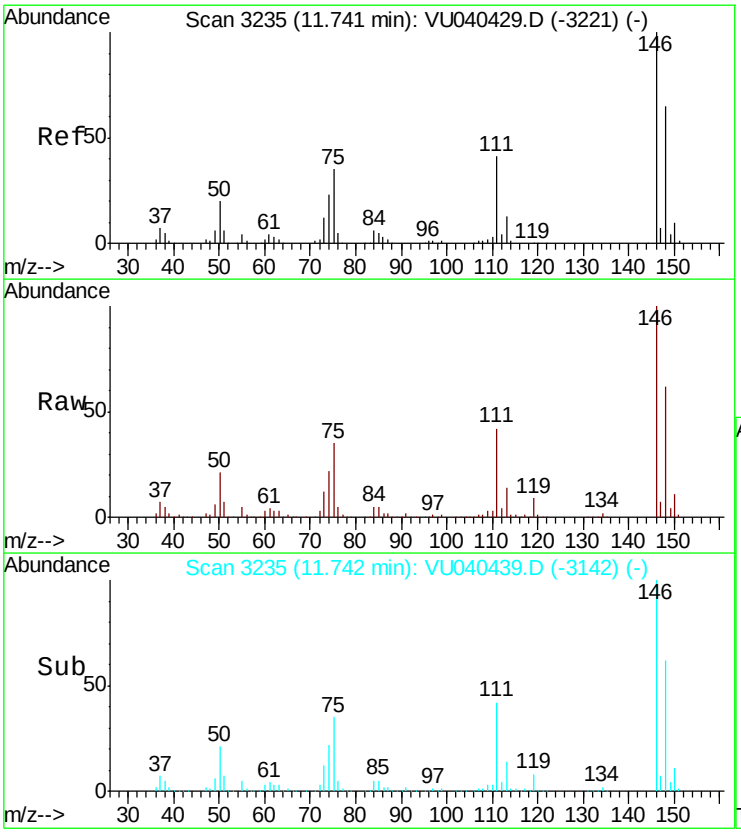
#59
1,2,3-Trichloropropane
Concen: 9.329 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.92 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 75 Resp: 86274

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#

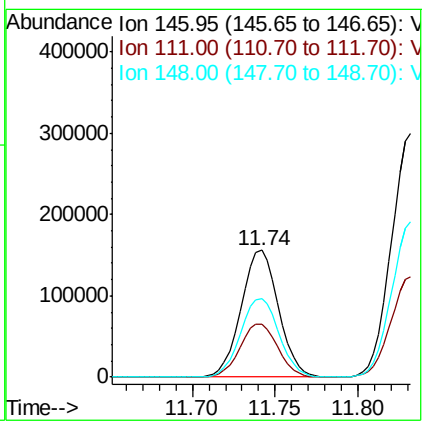


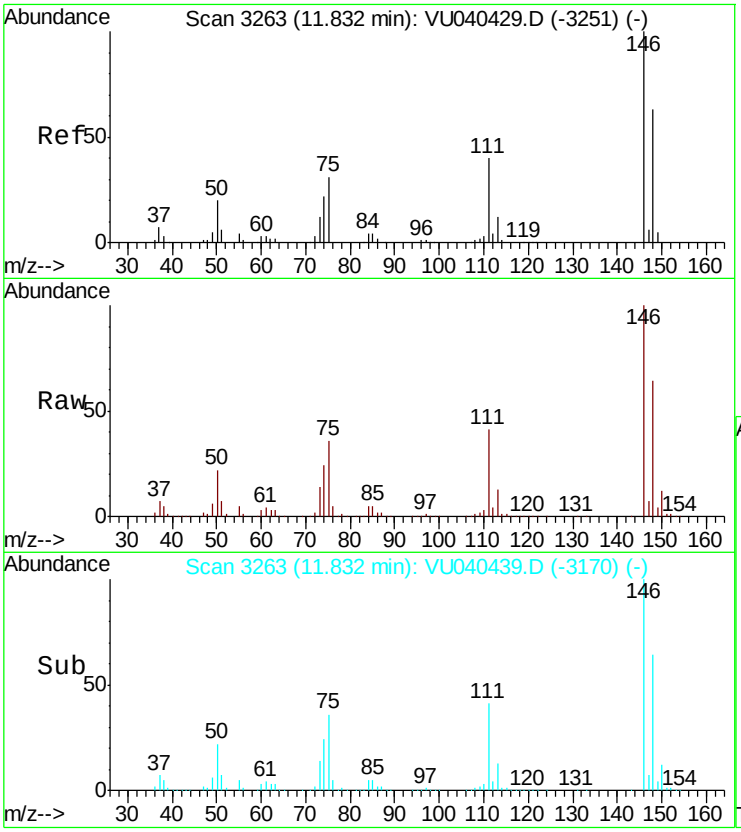


#62
1,3-Dichlorobenzene
Concen: 10.305 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion:146 Resp: 244408

Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.6	53.0
148	62.2	43.4	80.6



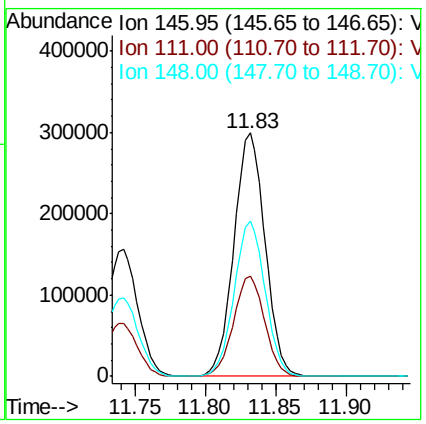


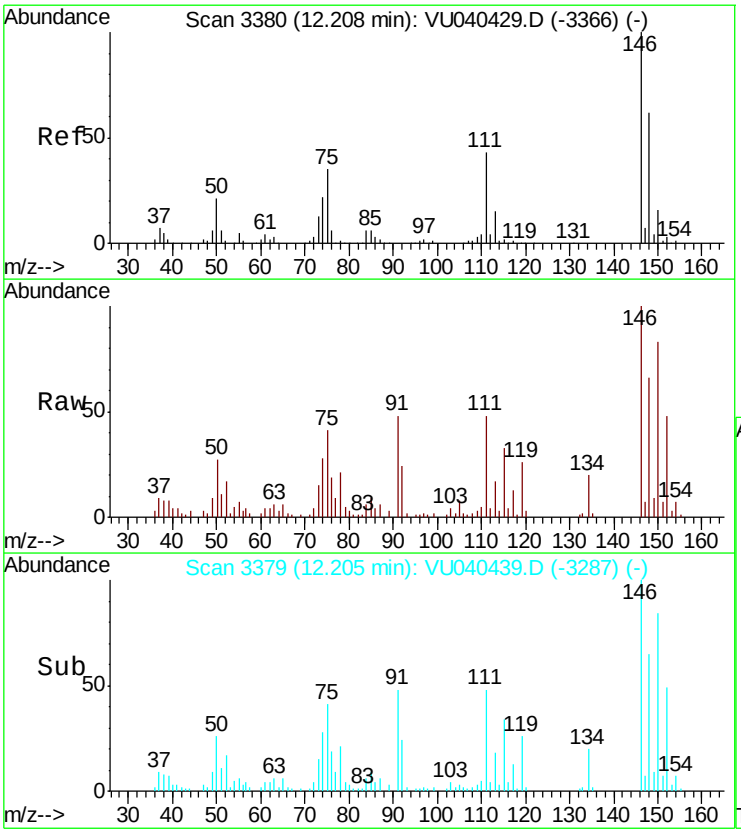
#63
1,4-Dichlorobenzene
Concen: 18.776 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument : MSVOA_U
ClientSampleId : BG3S7

Tgt Ion:146 Resp: 463195

Ion	Ratio	Lower	Upper
146	100		
111	41.1	29.2	54.2
148	63.8	44.4	82.4

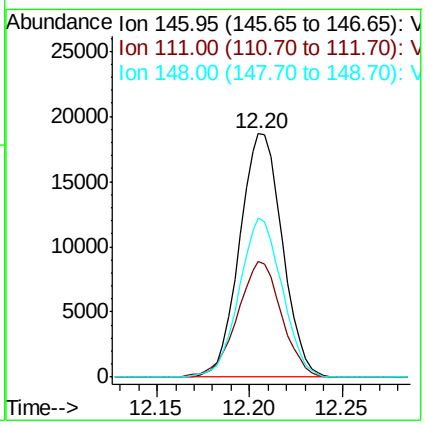


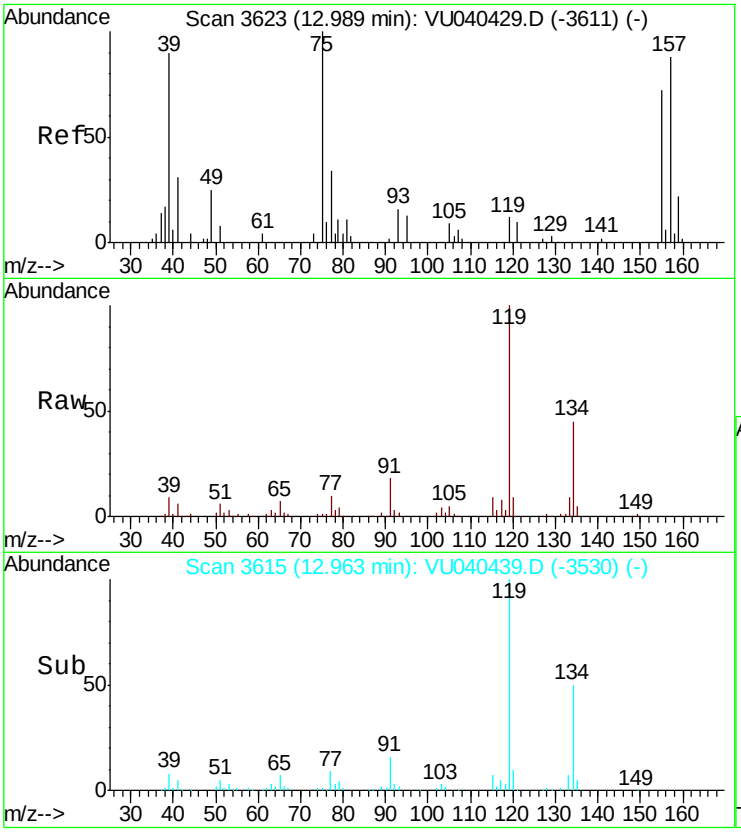


#65
1,2-Dichlorobenzene
Concen: 1.296 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion:146 Resp: 29881

Ion	Ratio	Lower	Upper
146	100		
111	47.6	35.6	53.4
148	65.5	49.8	74.6



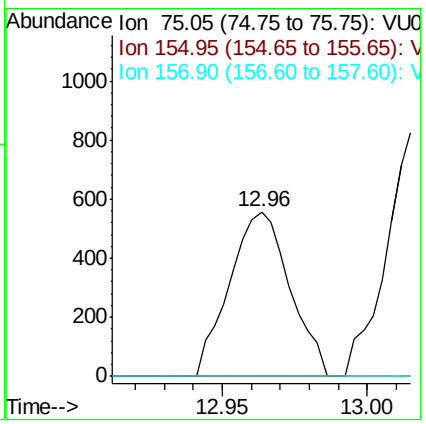


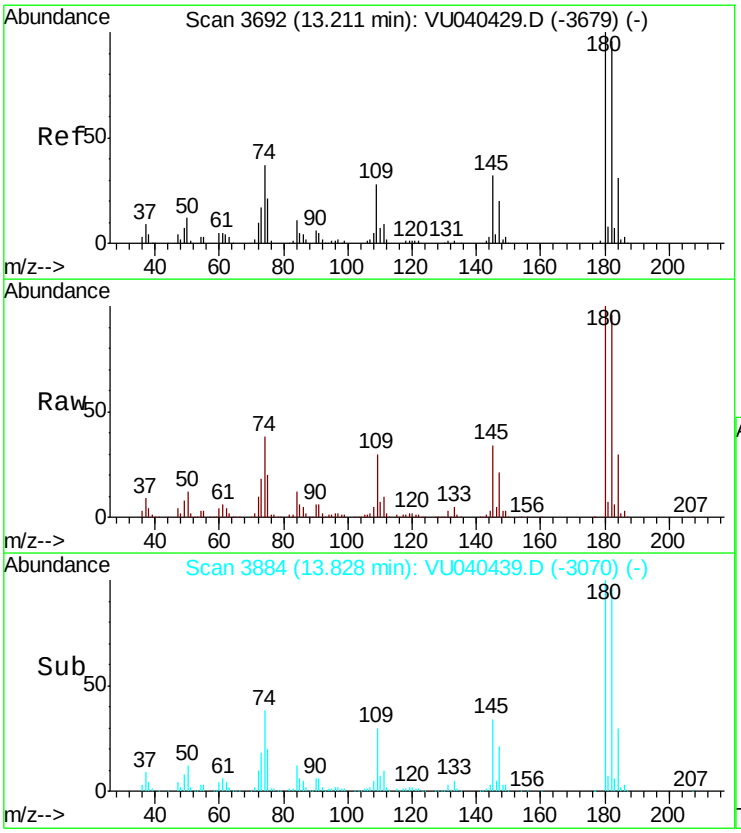
#66
1,2-Dibromo-3-chloropropane
Concen: 0.387 ug/L
RT: 12.96 min Scan# 3615
Delta R.T. -0.03 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion: 75 Resp: 804

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.4	89.2#
157	0.0	65.0	97.4#

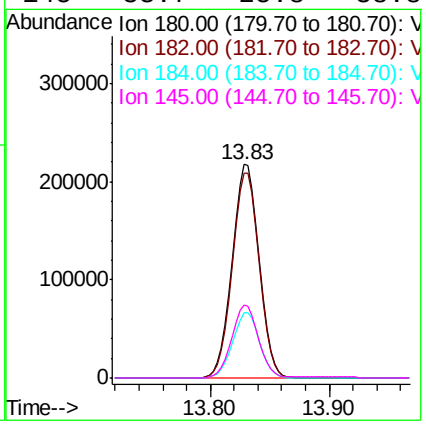


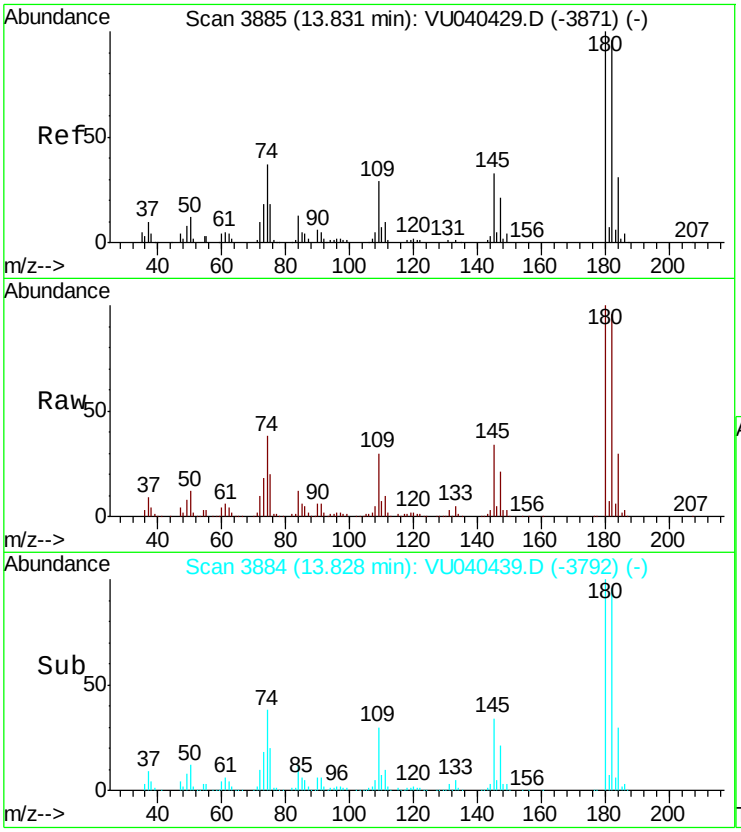


#67
1,3,5-Trichlorobenzene
Concen: 20.148 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. 0.62 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion:180 Resp: 341136

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.5	114.7
184	30.7	24.6	37.0
145	33.7	25.8	38.8



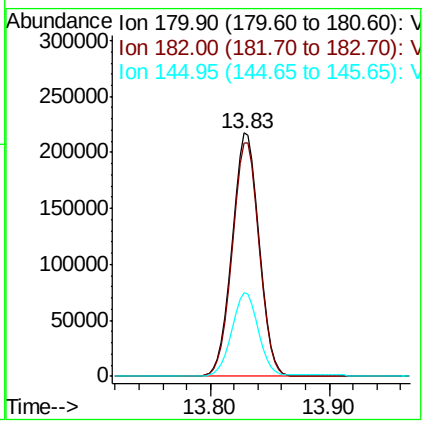


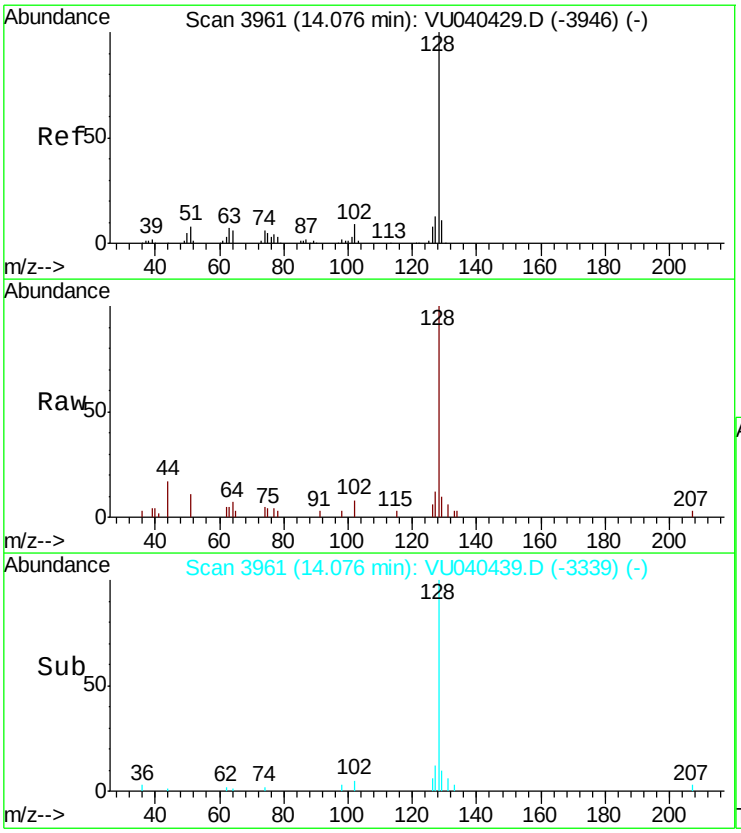
#68
1,2,4-trichlorobenzene
Concen: 25.074 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion:180 Resp: 341136

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
145	33.7	26.3	39.5

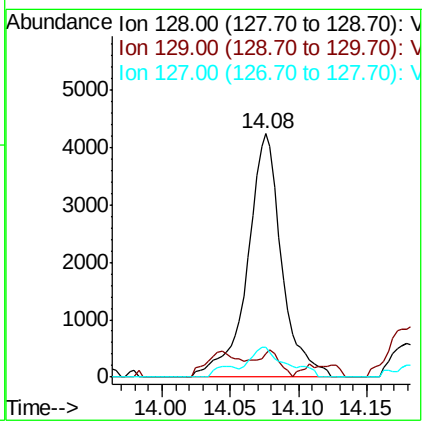


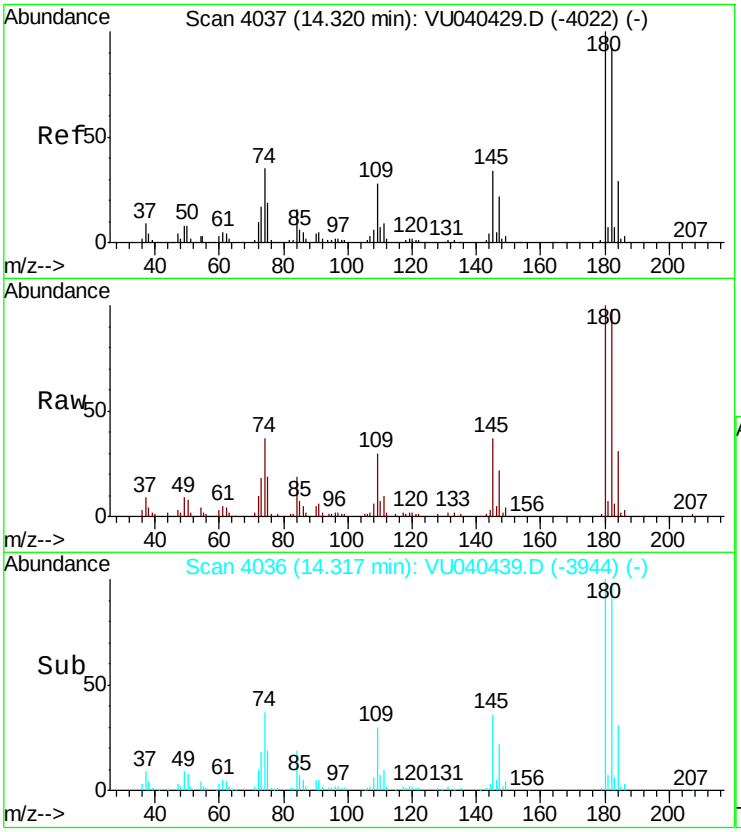


#69
Naphthalene
Concen: 0.317 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Tgt Ion:128 Resp: 7360

Ion	Ratio	Lower	Upper
128	100		
129	5.7	8.2	12.4#
127	7.4	10.2	15.4#





#70
1,2,3-Trichlorobenzene
Concen: 4.582 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040439.D
Acq: 01 Oct 2020 23:01

Instrument :
MSVOA_U
ClientSampleId :
BG3S7

Tgt Ion:180 Resp: 57042

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.6	115.0
145	38.9	27.8	41.6