Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040701.D
Acq On : 14 Oct 2020 16:11
Operator : SY/MD
Sample : L4401-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

Quant Time: Oct 15 05:32:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 15 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123501	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52801	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	48789	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.92	69	41215	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.40%			
11) 1,1-Dichloroethene-d2	2.58	63	73500	3.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	4.66	46	173475	55.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.90%			
24) Chloroform-d	5.08	84	90858	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.72	65	55245	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
32) Benzene-d6	5.74	84	173700	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.70	67	58625	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.91	98	138150	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	8.19	79	22269	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.64	63	122003	50.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50341	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55192	5.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	32326	3.233	ug/L	99
6) Bromomethane	1.87	94	613	0.107	ug/L	92
8) Chloroethane	1.94	64	1099	0.164	ug/L #	67
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	640	0.065	ug/L #	20
13) Acetone	2.67	43	6968	2.873	ug/L	91
15) Methyl Acetate	2.97	43	2272	0.410	ug/L #	56
25) Chloroform	5.11	83	2201	0.118	ug/L	95
30) Cyclohexane	5.47	56	907	0.059	ug/L #	29
33) Benzene	5.79	78	1220	0.031	ug/L	100
35) Methylcyclohexane	6.70	83	13850	0.950	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6868	0.621	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1309	0.087	ug/L #	5
42) Toluene	7.98	91	1567	0.039	ug/L	89
44) trans-1,3-Dichloropropene	8.18	75	927	0.067	ug/L	87
59) 1,2,3-Trichloropropane	11.81	75	6880	0.847	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040701.D
Acq On : 14 Oct 2020 16:11
Operator : SY/MD
Sample : L4401-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

Quant Time: Oct 15 05:32:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 15 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
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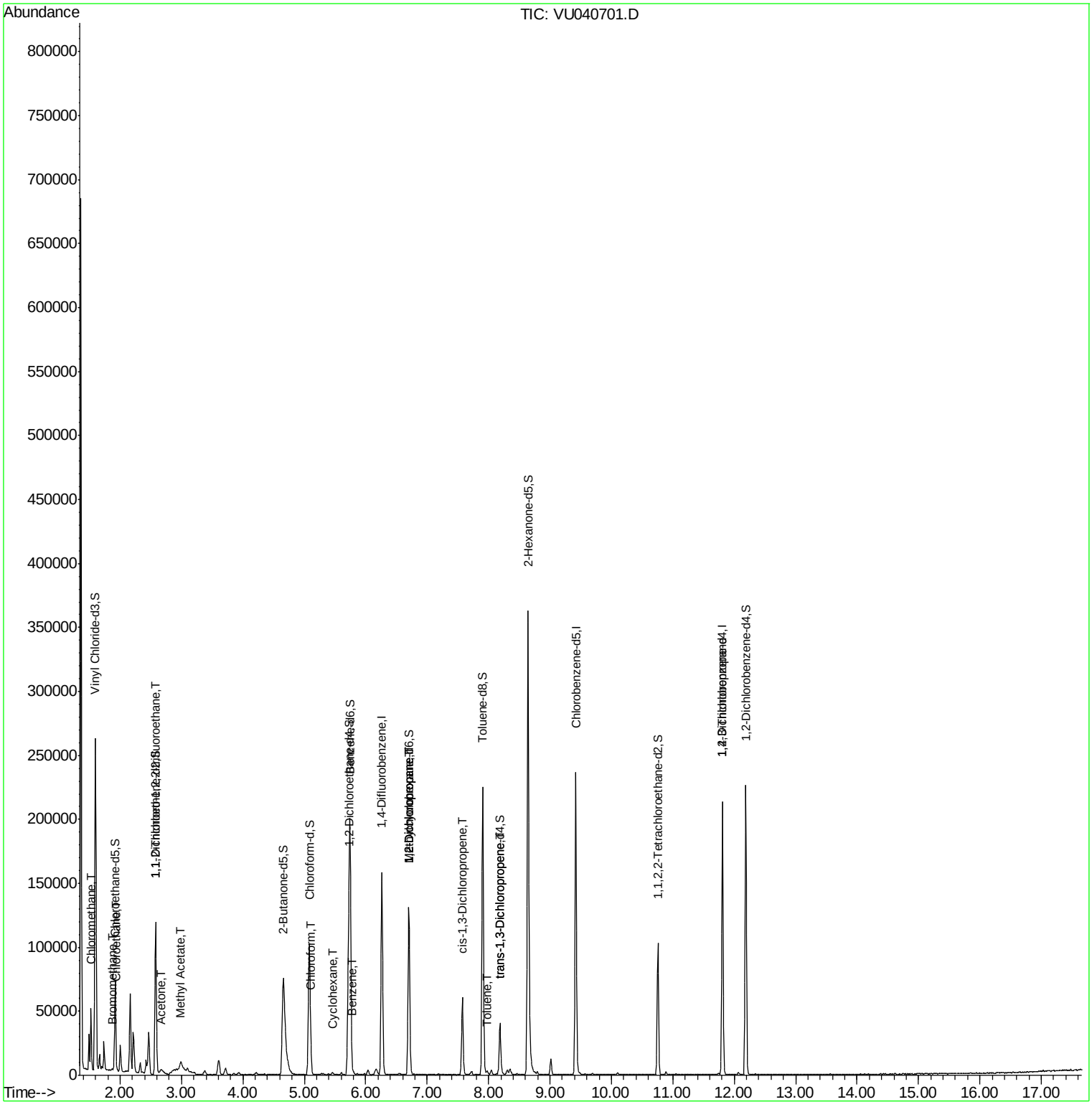
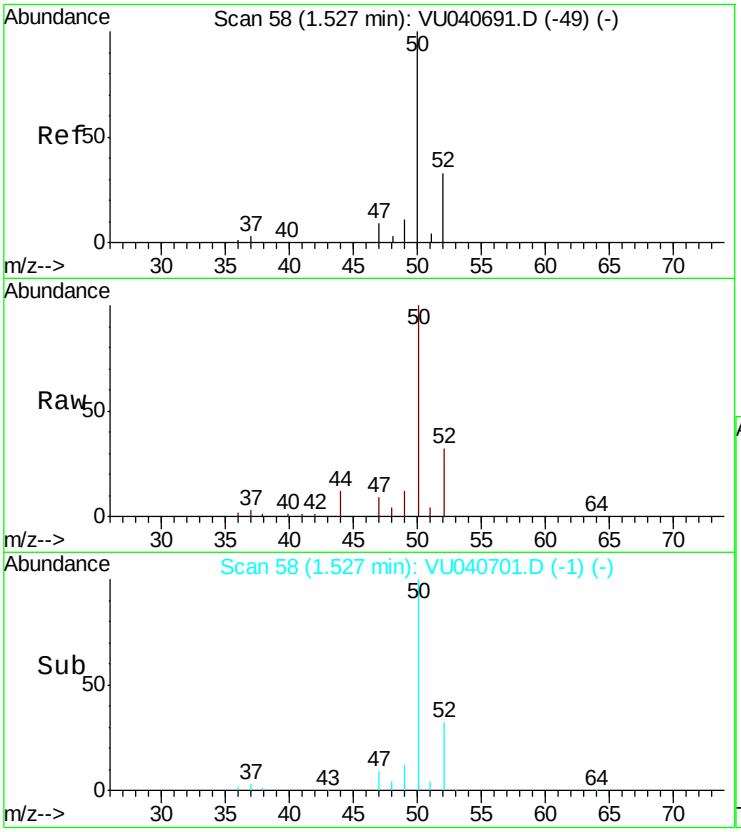
Response via : Initial Calibration



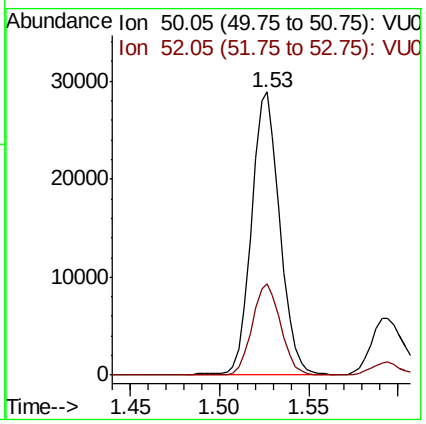


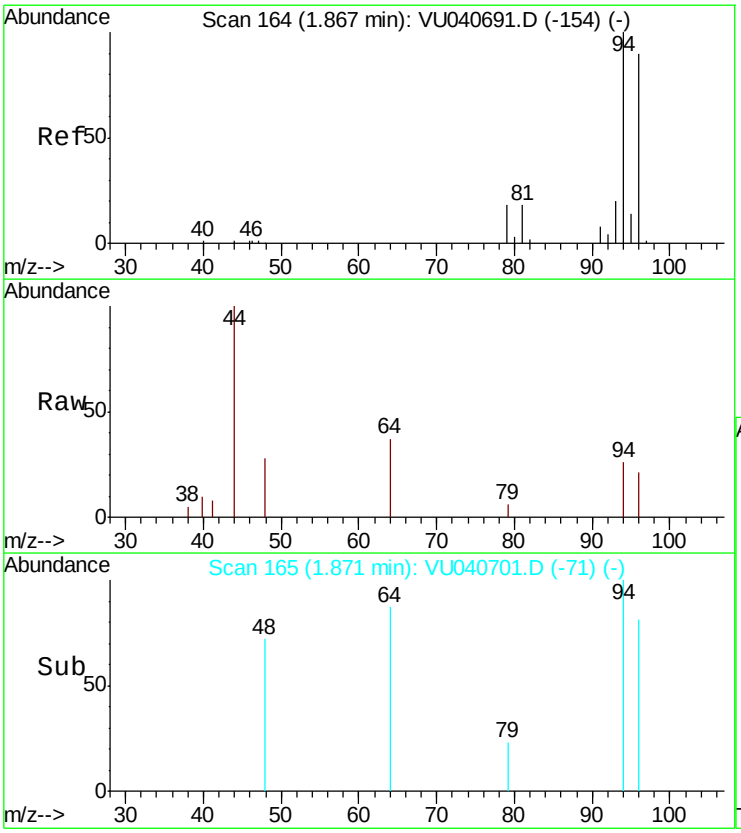
#3
Chloromethane
Concen: 3.233 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 50 Resp: 32326

Ion	Ratio	Lower	Upper
50	100		
52	32.1	21.9	40.7

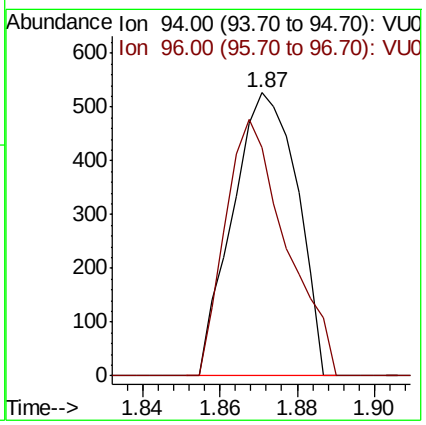


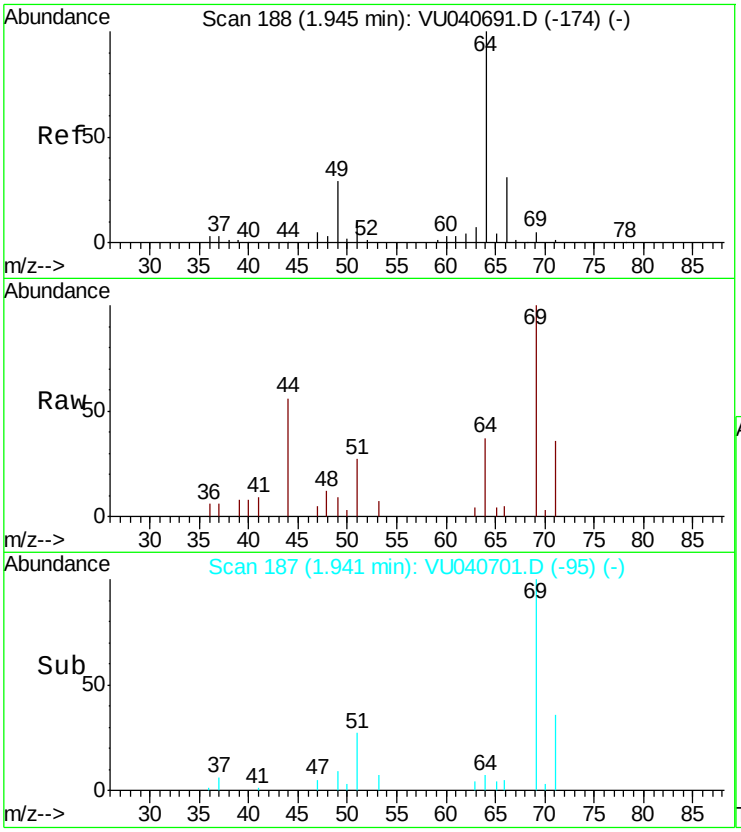


#6
Bromomethane
Concen: 0.107 ug/L
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Tgt Ion: 94 Resp: 613

Ion	Ratio	Lower	Upper
94	100		
96	80.8	62.1	115.3



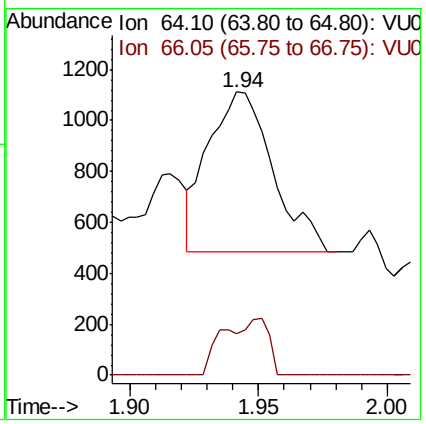


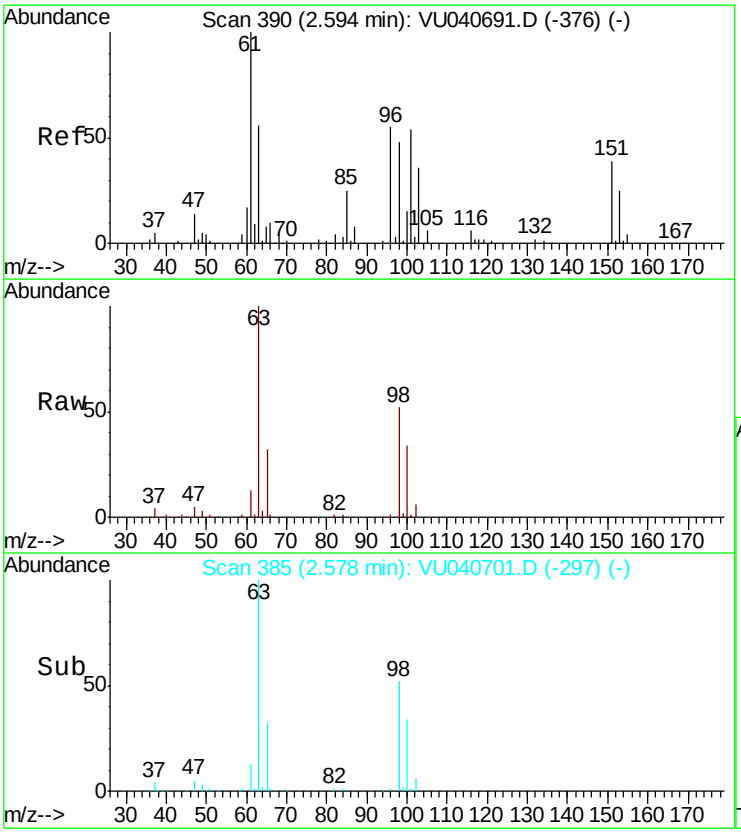
#8
Chloroethane
Concen: 0.164 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 64 Resp: 1099

Ion	Ratio	Lower	Upper
64	100		
66	14.8	23.3	43.3#

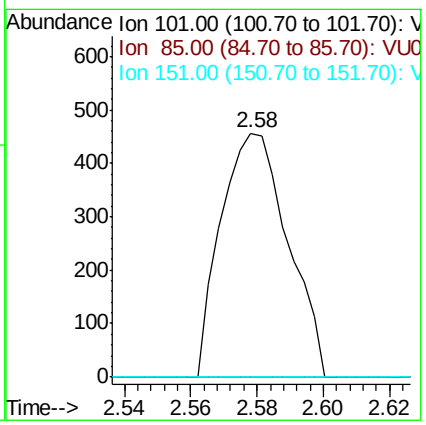


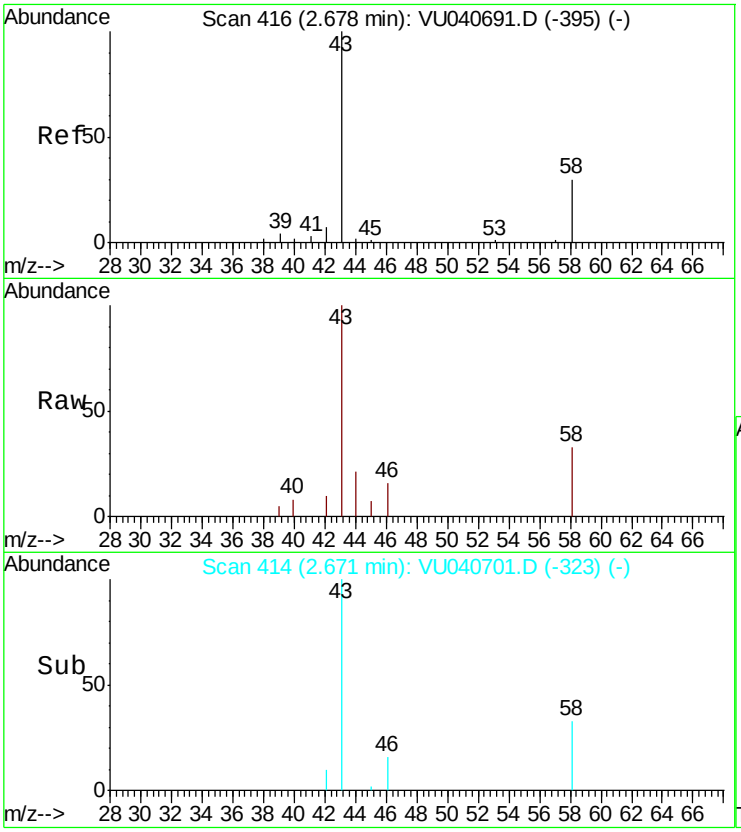


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Tgt Ion:101 Resp: 640

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#



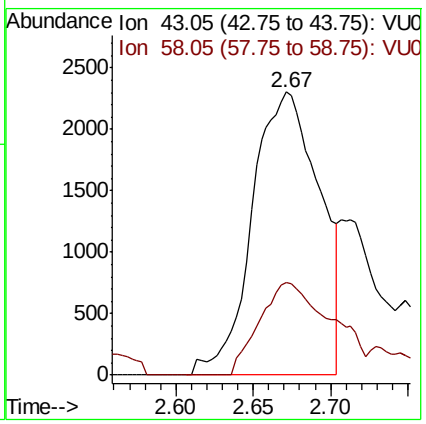


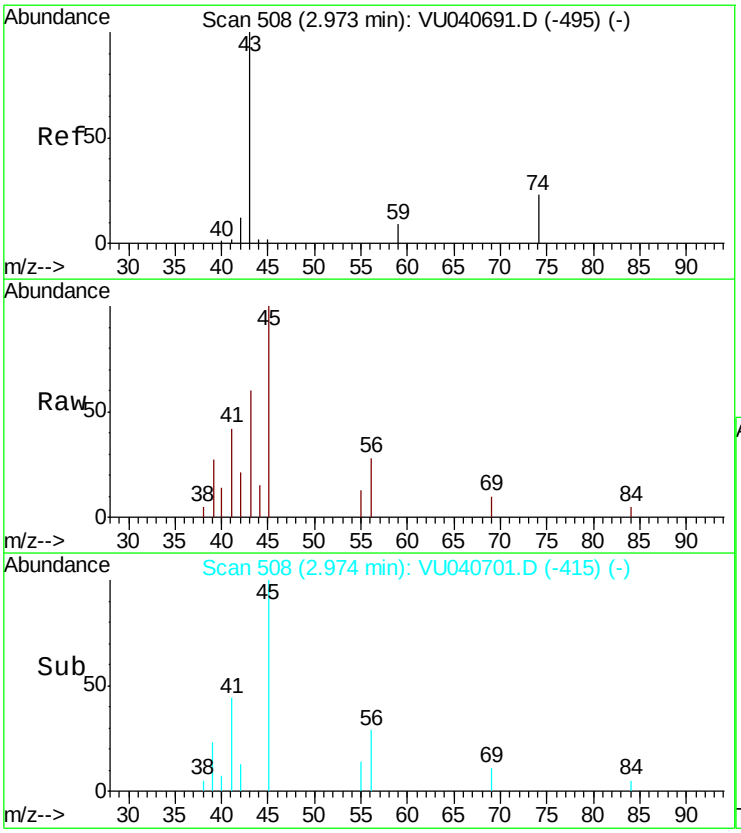
#13
Acetone
Concen: 2.873 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 43 Resp: 6968

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	60.6

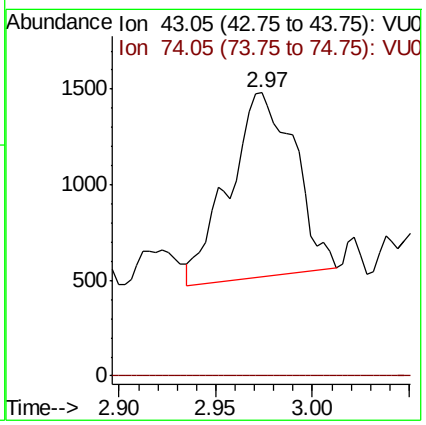


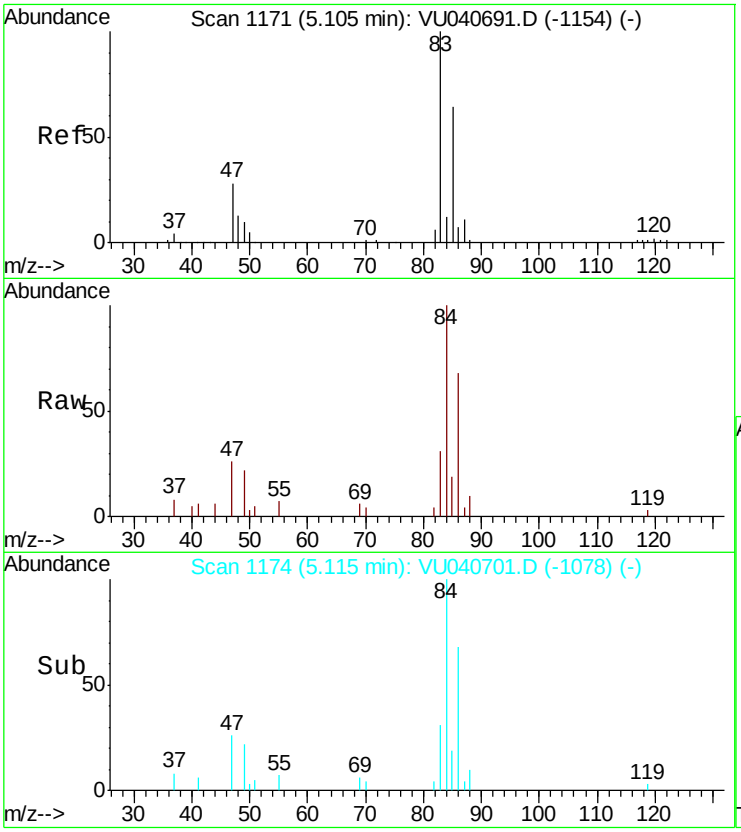


#15
Methyl Acetate
Concen: 0.410 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.00 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Tgt Ion: 43 Resp: 2272

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#



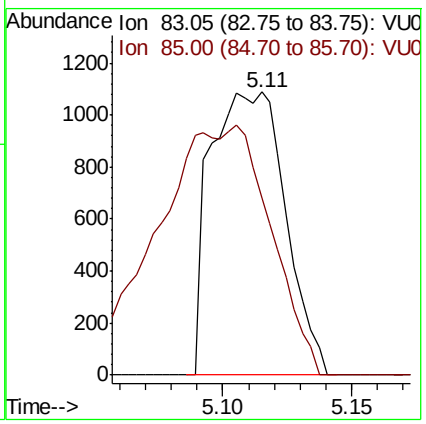


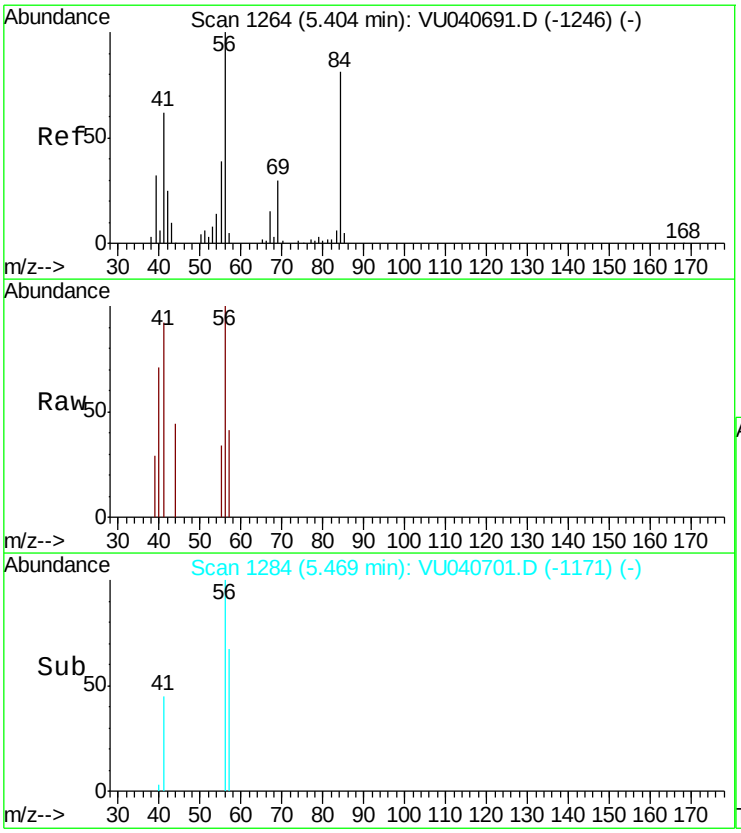
#25
Chloroform
Concen: 0.118 ug/L
RT: 5.11 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 83 Resp: 2201

Ion	Ratio	Lower	Upper
83	100		
85	62.4	46.5	86.5

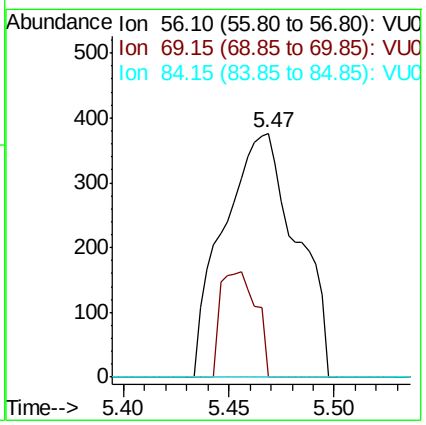


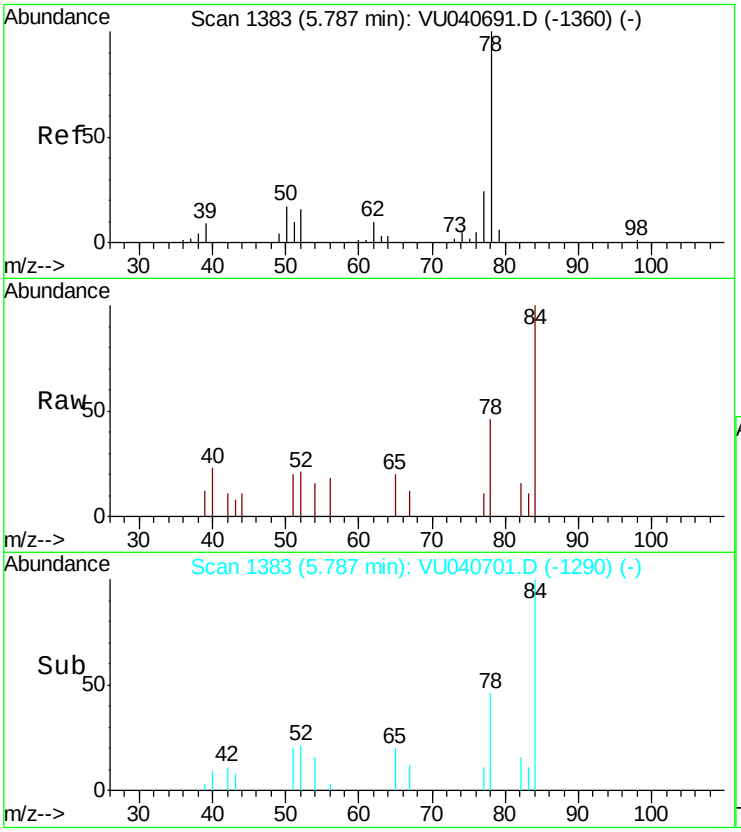


#30
Cyclohexane
Concen: 0.059 ug/L
RT: 5.47 min Scan# 1284
Delta R.T. 0.06 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Tgt Ion: 56 Resp: 907

Ion	Ratio	Lower	Upper
56	100		
69	20.7	23.8	35.8#
84	0.0	64.0	96.0#

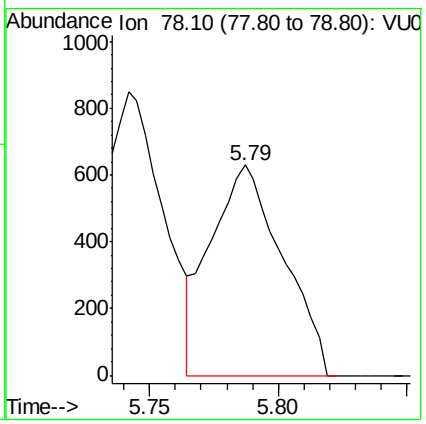


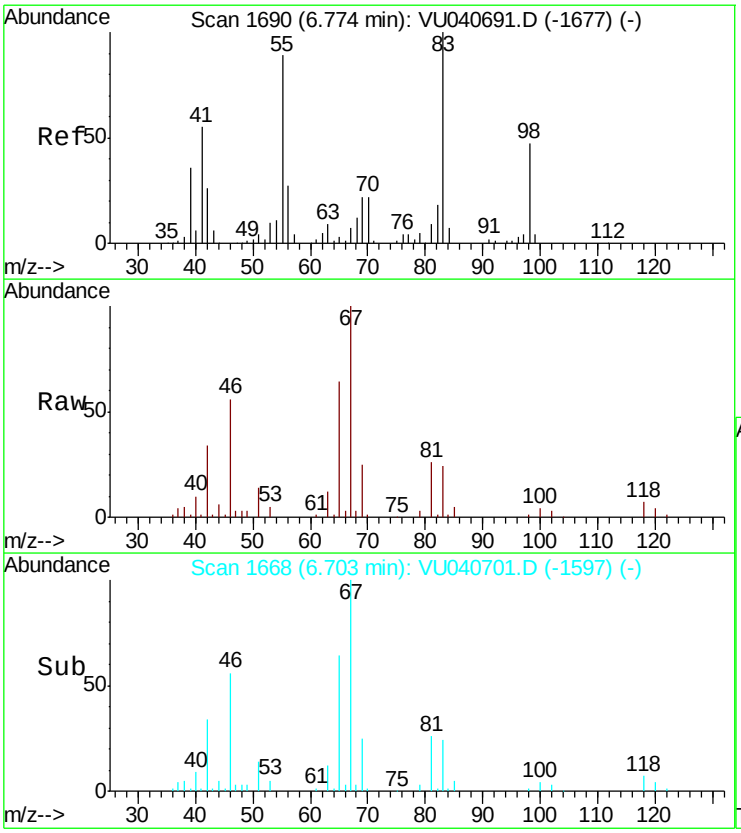


#33
Benzene
Concen: 0.031 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 78 Resp: 1220

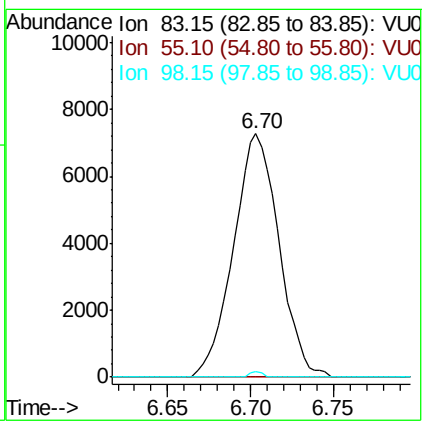


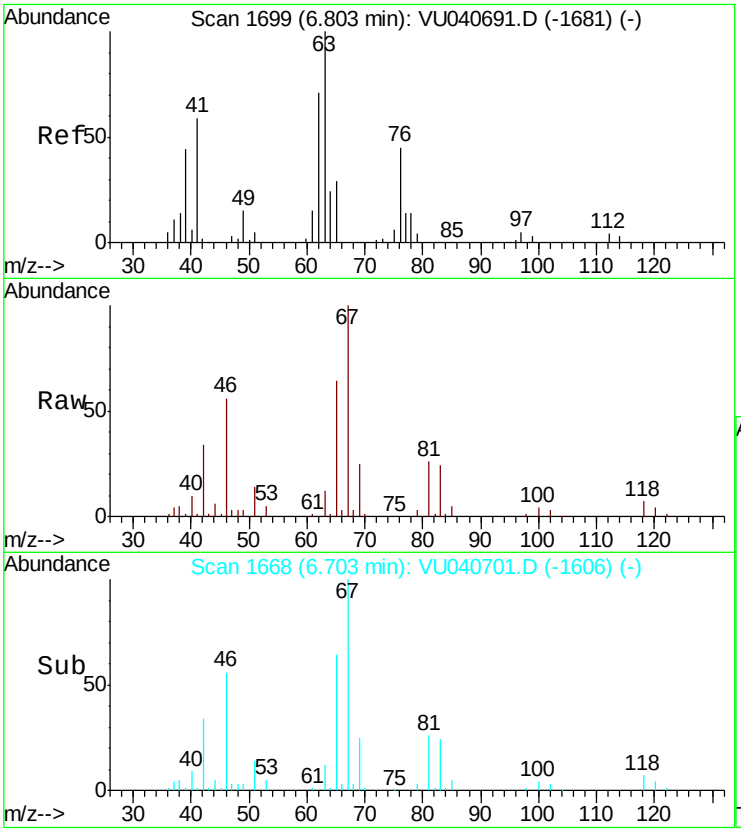


#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Tgt Ion: 83 Resp: 13850

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.6	38.4	57.6#



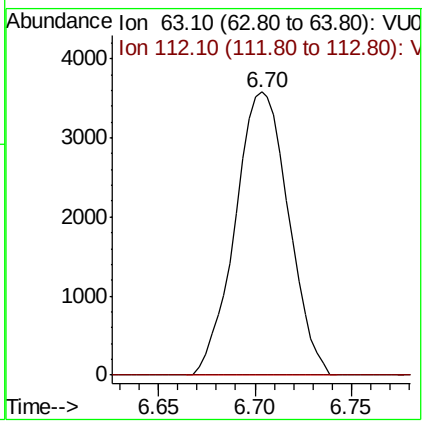


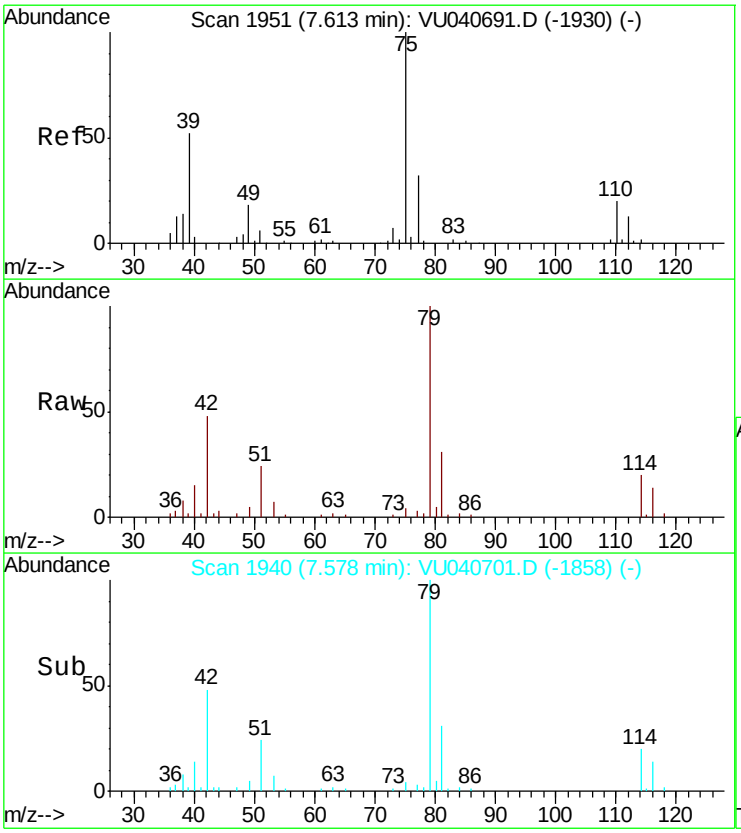
#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 63 Resp: 6868

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

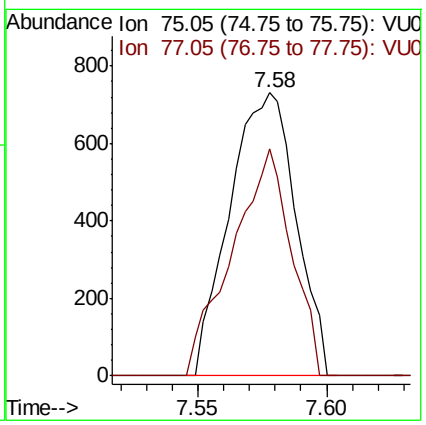


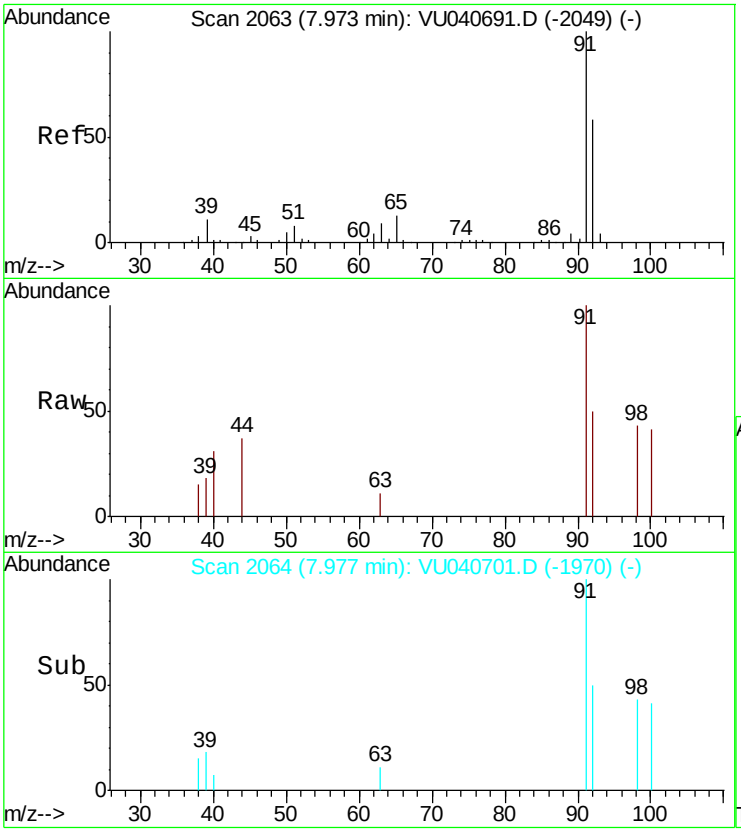


#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Tgt Ion: 75 Resp: 1309

Ion	Ratio	Lower	Upper
75	100		
77	80.0	20.5	38.1#



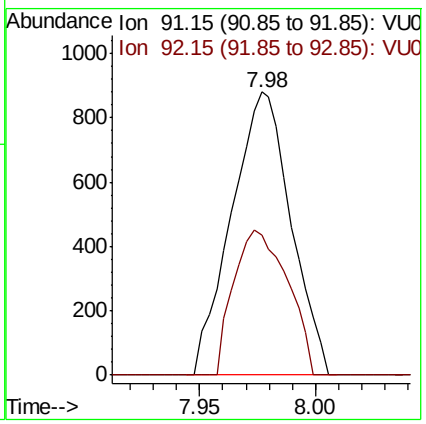


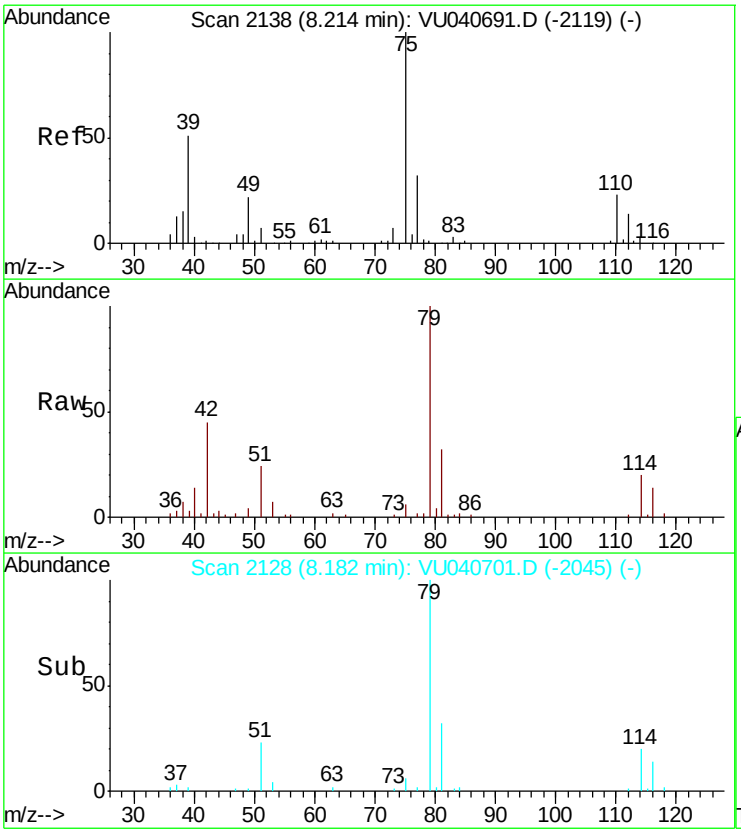
#42
Toluene
Concen: 0.039 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 91 Resp: 1567

Ion	Ratio	Lower	Upper
91	100		
92	49.5	40.2	74.6

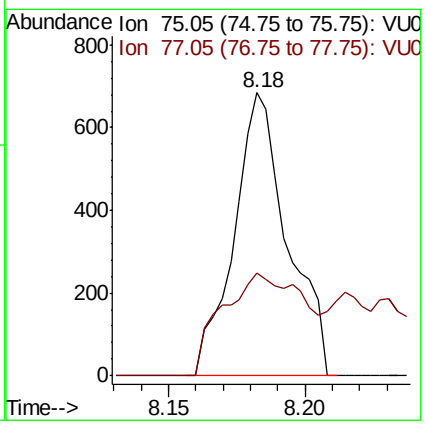


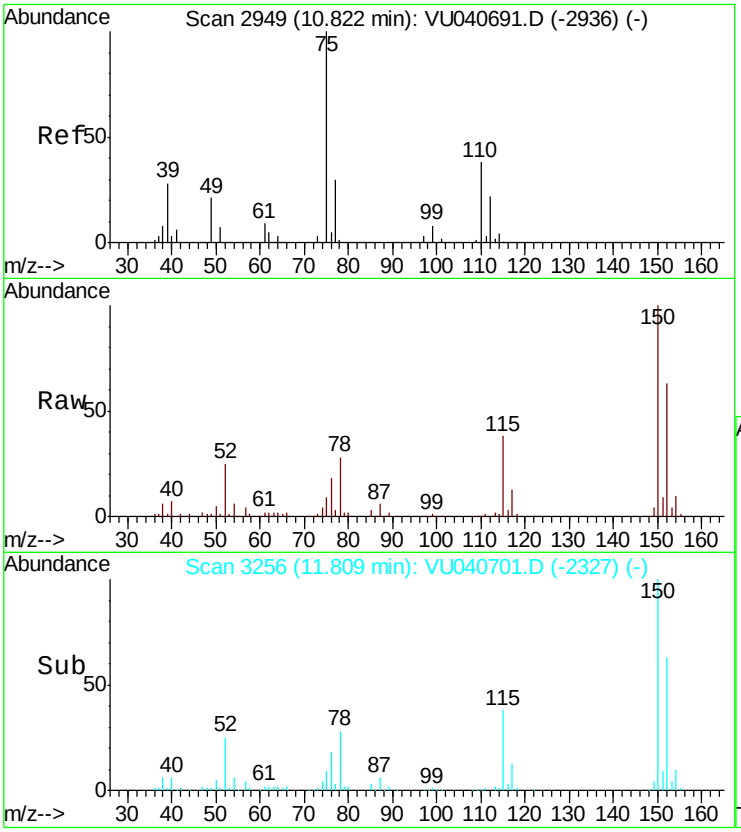


#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Tgt Ion: 75 Resp: 927

Ion	Ratio	Lower	Upper
75	100		
77	36.1	20.4	38.0





#59
1,2,3-Trichloropropane
Concen: 0.847 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040701.D
Acq: 14 Oct 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :
BFSC7

Tgt Ion: 75 Resp: 6880

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.4	39.6