Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040700.D
Acq On : 14 Oct 2020 15:47
Operator : SY/MD
Sample : L4401-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC6

Quant Time: Oct 15 05:31:55 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	112592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49426	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	47189	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.92	69	39721	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.40%			
11) 1,1-Dichloroethene-d2	2.58	63	71426	3.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.40%			
20) 2-Butanone-d5	4.65	46	170710	57.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.36%			
24) Chloroform-d	5.08	84	90475	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54795	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.80%			
32) Benzene-d6	5.74	84	168970	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.00%			
36) 1,2-Dichloropropane-d6	6.70	67	56668	5.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.00%			
41) Toluene-d8	7.91	98	137436	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	8.19	79	21833	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.64	63	118725	52.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.60%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50128	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	54349	5.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.60%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	7667	0.804	ug/L	98
12) 1,1-Dichloroethene	2.58	96	489	0.061	ug/L #	1
13) Acetone	2.66	43	8580	3.708	ug/L	69
15) Methyl Acetate	2.97	43	1407	0.266	ug/L #	56
25) Chloroform	5.11	83	1590	0.090	ug/L	83
33) Benzene	5.79	78	999	0.027	ug/L	100
35) Methylcyclohexane	6.70	83	13408	0.987	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6396	0.621	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1487	0.106	ug/L #	58
42) Toluene	7.98	91	1469	0.039	ug/L	94
44) trans-1,3-Dichloropropene	8.19	75	1159	0.089	ug/L #	65
48) 2-Hexanone	8.64	43	16900	2.765	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	6652	0.879	ug/L	90
62) 1,3-Dichlorobenzene	11.75	146	1311	0.081	ug/L	90
63) 1,4-Dichlorobenzene	11.75	146	1311	0.079	ug/L	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040700.D
Acq On : 14 Oct 2020 15:47
Operator : SY/MD
Sample : L4401-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC6

Quant Time: Oct 15 05:31:55 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

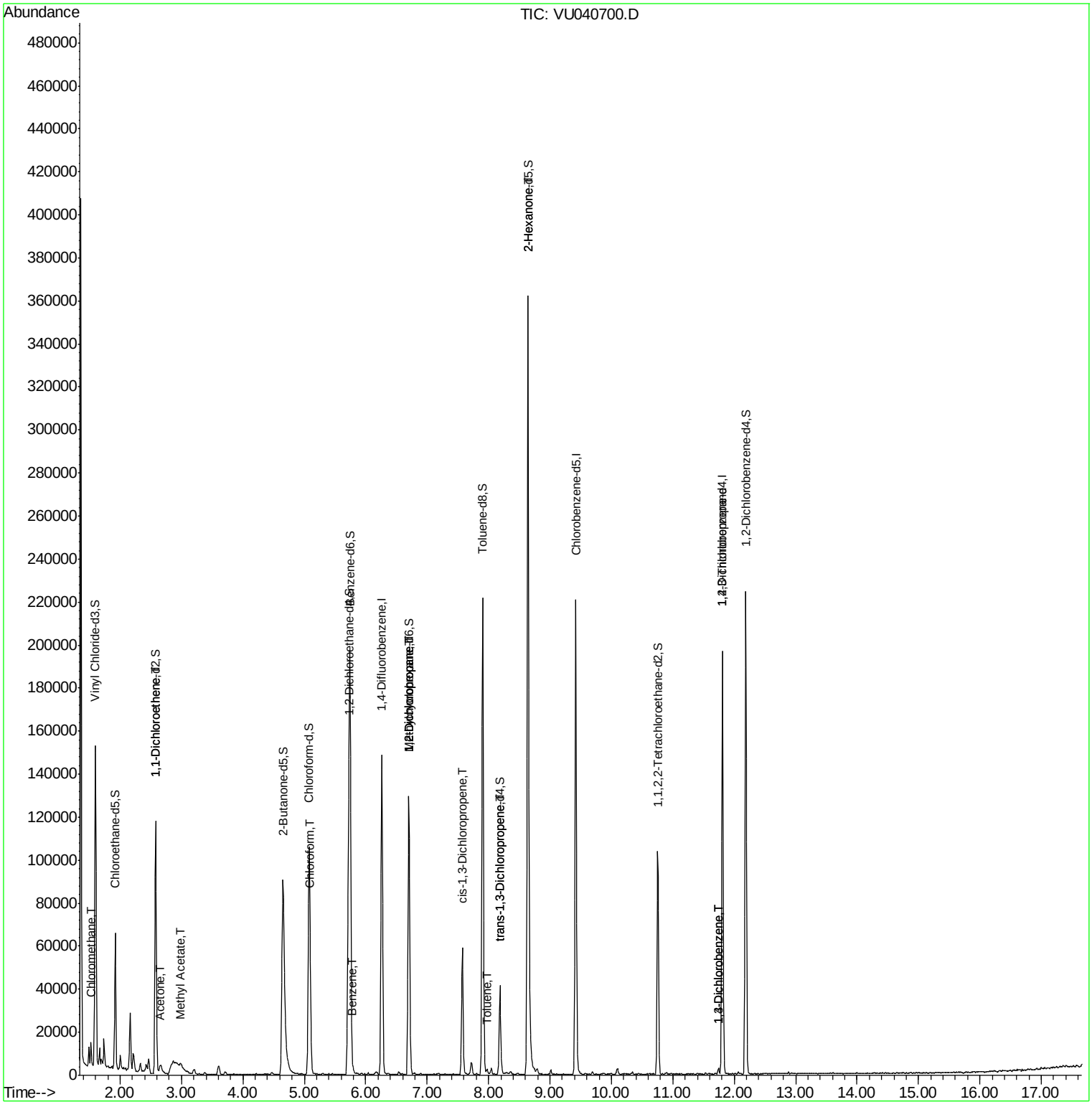
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

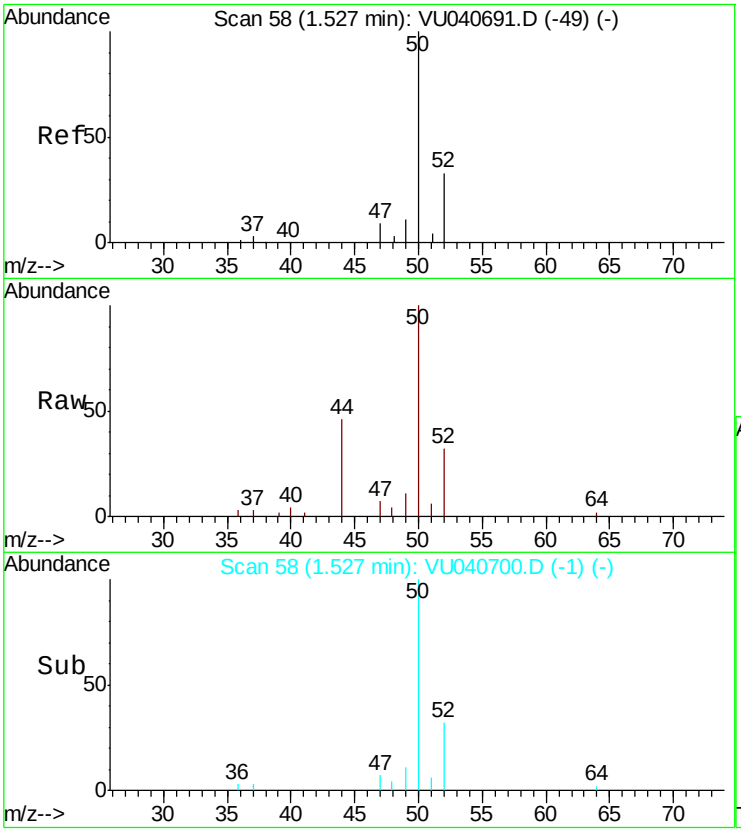
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040700.D
Acq On : 14 Oct 2020 15:47
Operator : SY/MD
Sample : L4401-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Quant Time: Oct 15 05:31:55 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



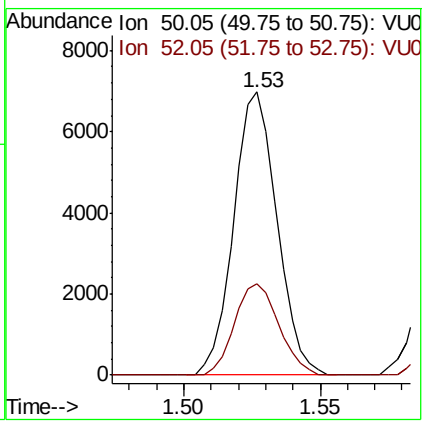


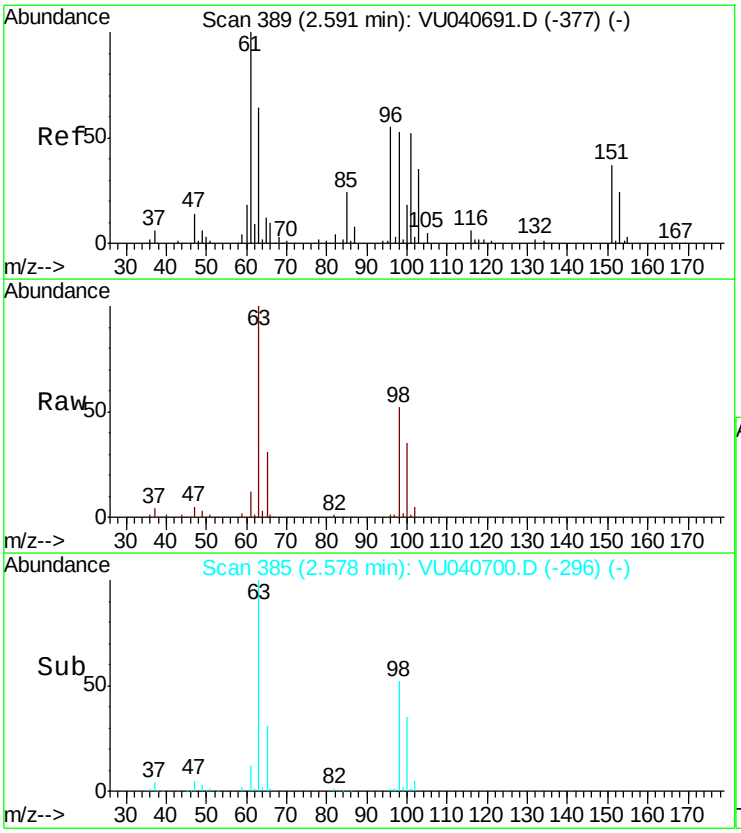
#3
Chloromethane
Concen: 0.804 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Tgt Ion: 50 Resp: 7667

Ion	Ratio	Lower	Upper
50	100		
52	32.2	21.9	40.7

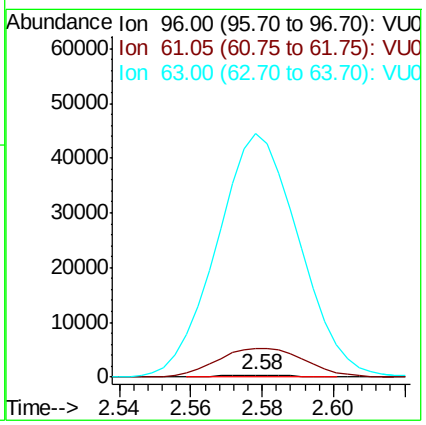


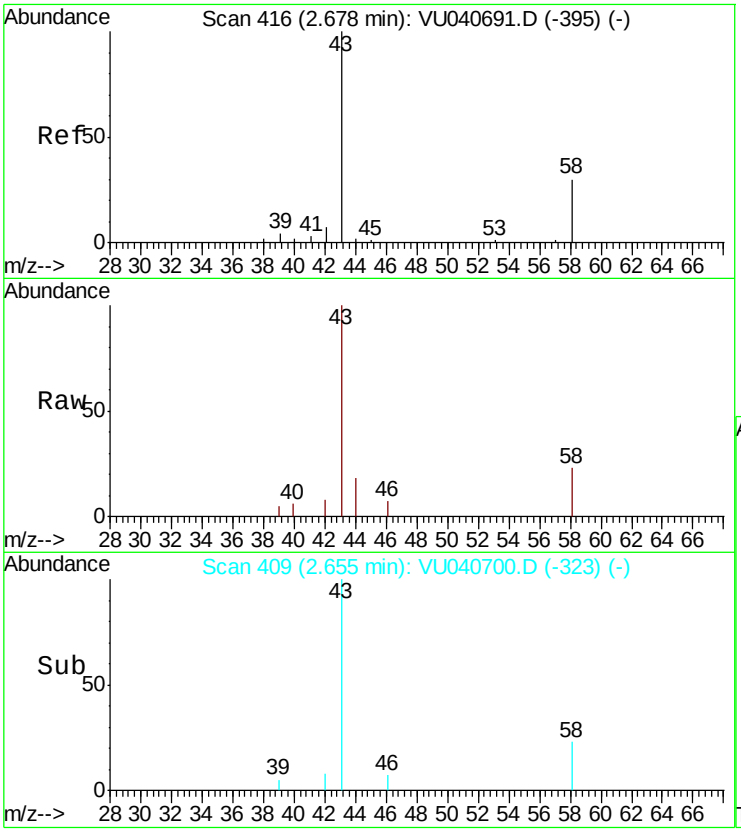


#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Tgt Ion: 96 Resp: 489

Ion	Ratio	Lower	Upper
96	100		
61	1453.6	128.8	239.2#
63	12287.3	84.6	157.2#



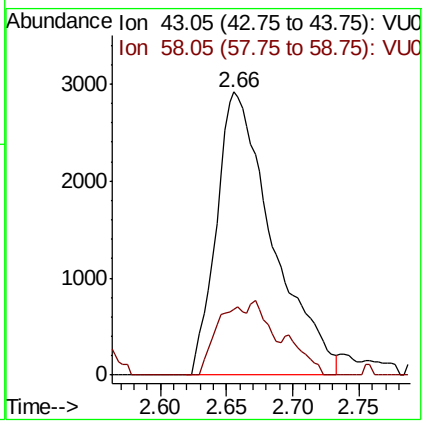


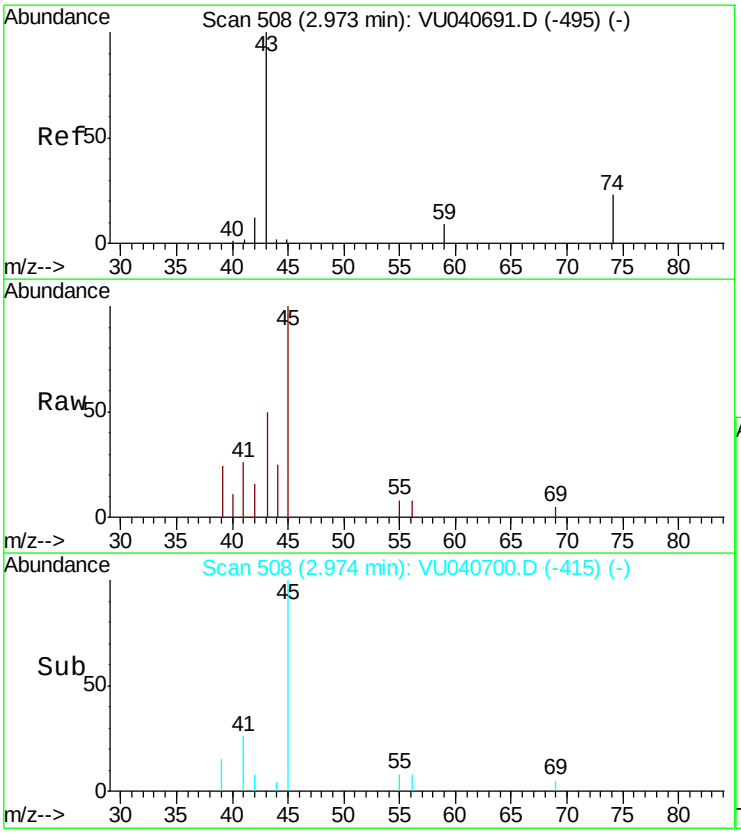
#13
Acetone
Concen: 3.708 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.02 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument : MSVOA_U
ClientSampleId : BFSC6

Tgt Ion: 43 Resp: 8580

Ion	Ratio	Lower	Upper
43	100		
58	13.3	0.0	60.6

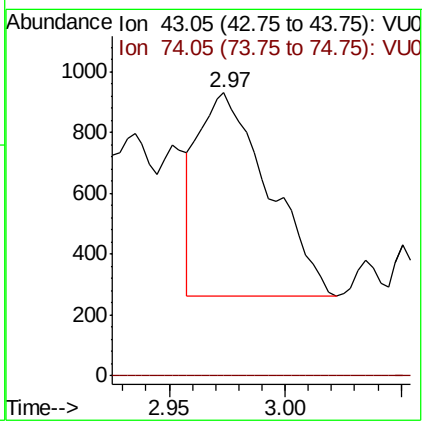


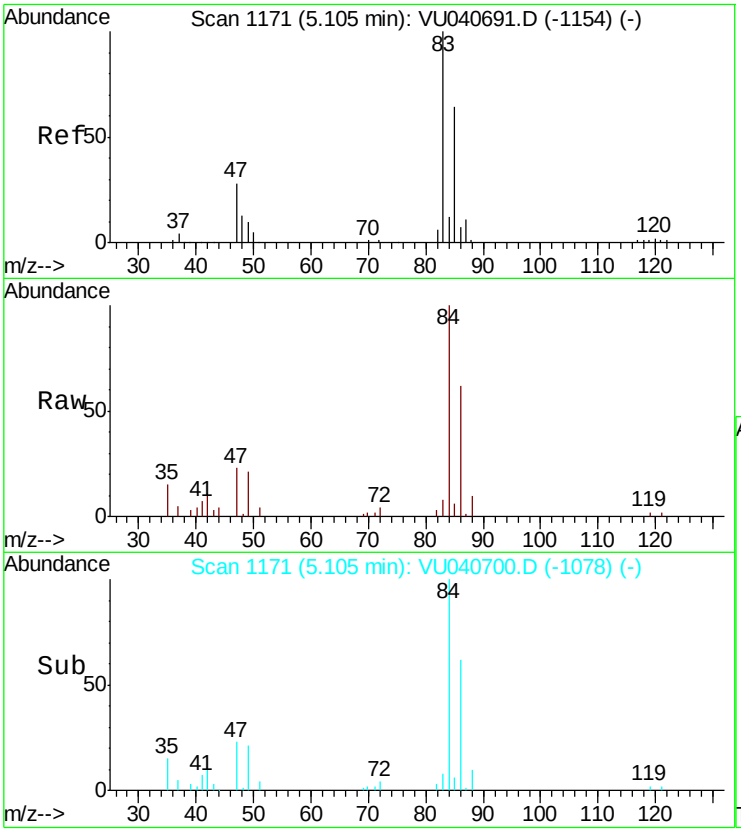


#15
Methyl Acetate
Concen: 0.266 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.00 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Tgt Ion: 43 Resp: 1407

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#



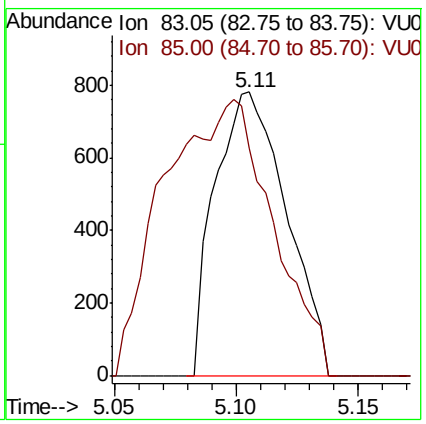


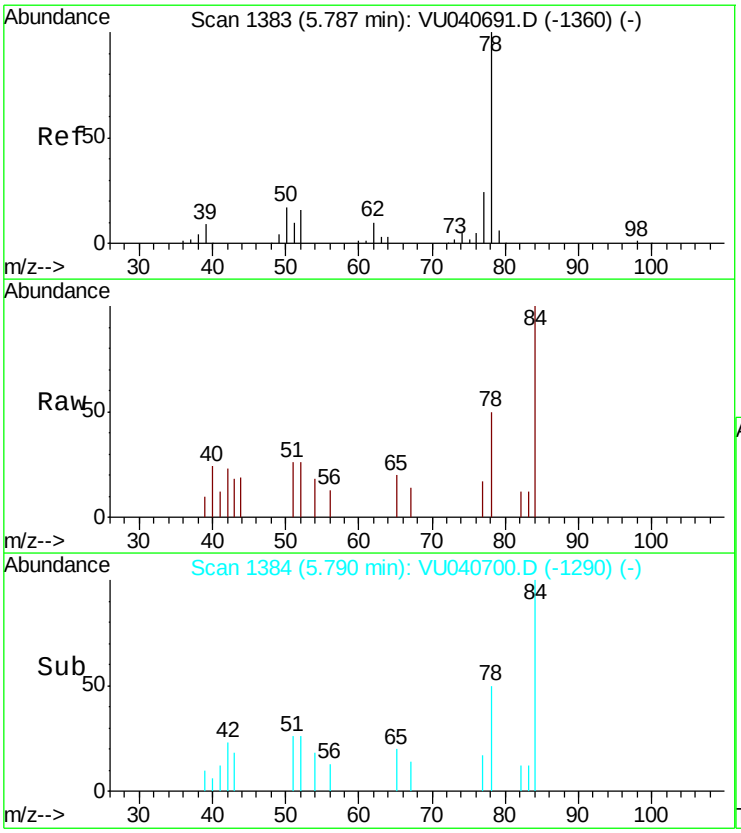
#25
Chloroform
Concen: 0.090 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Tgt Ion: 83 Resp: 1590

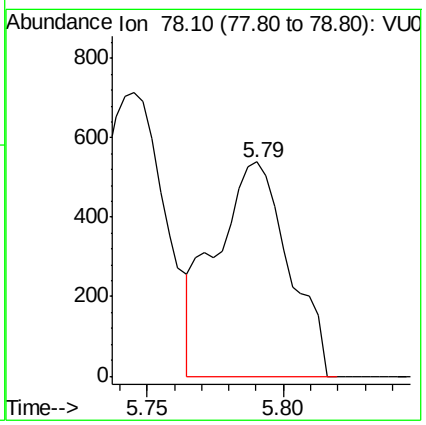
Ion	Ratio	Lower	Upper
83	100		
85	80.3	46.5	86.5

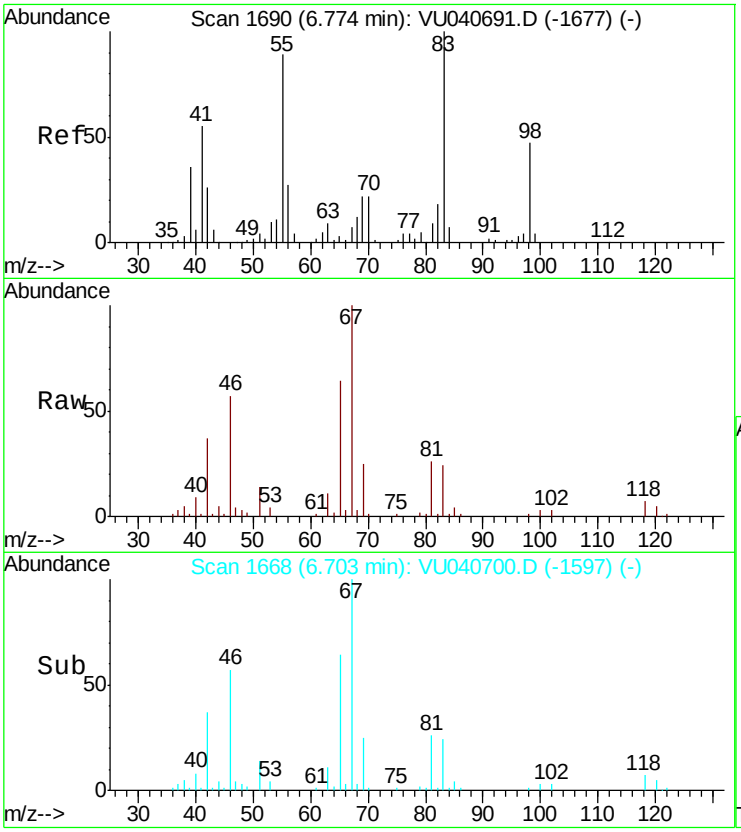




#33
Benzene
Concen: 0.027 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Tgt Ion: 78 Resp: 999



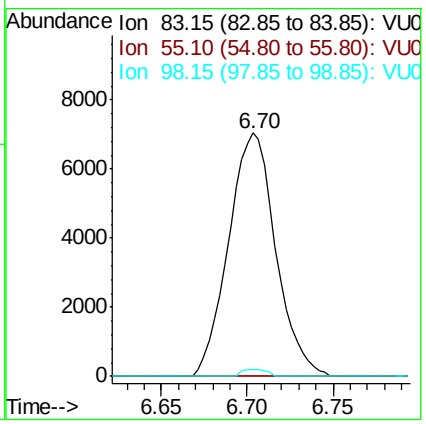


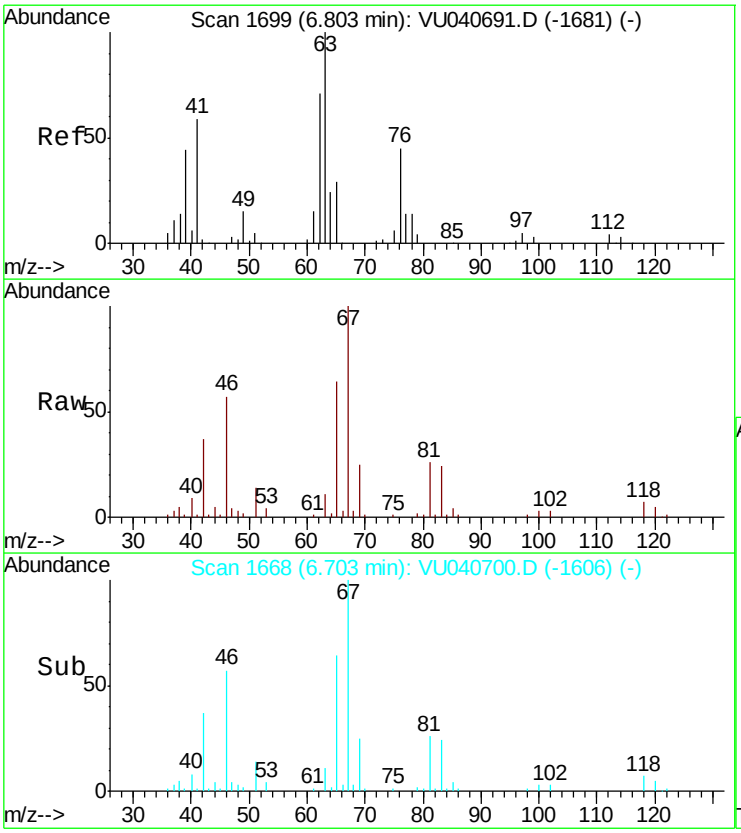
#35
Methylcyclohexane
Concen: 0.987 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Tgt Ion: 83 Resp: 13408

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	1.5	38.4	57.6#

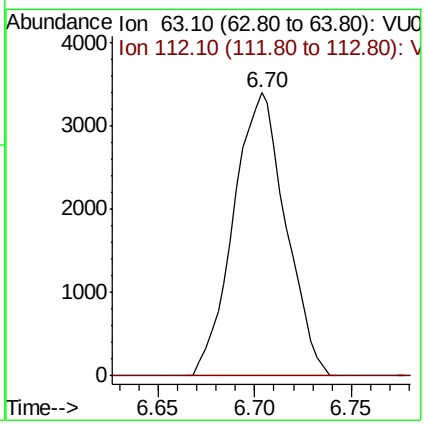


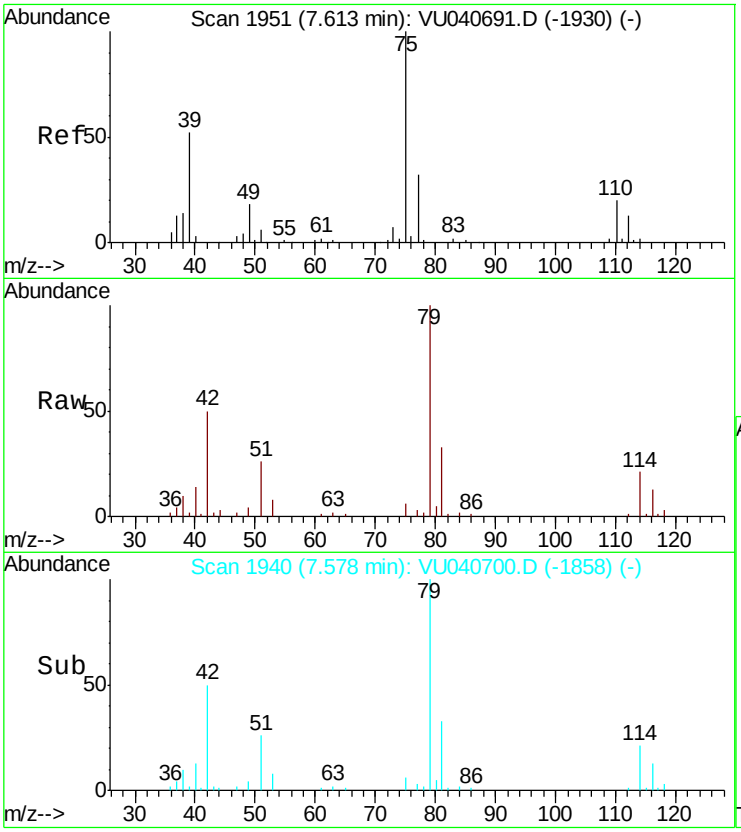


#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Tgt Ion: 63 Resp: 6396

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



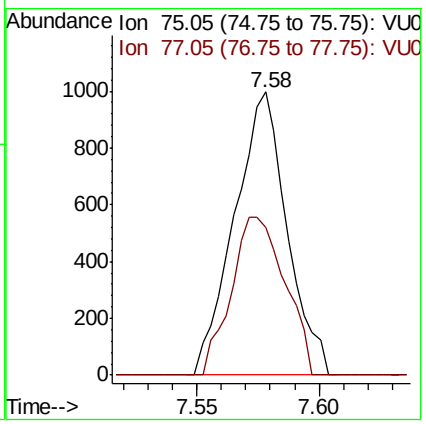


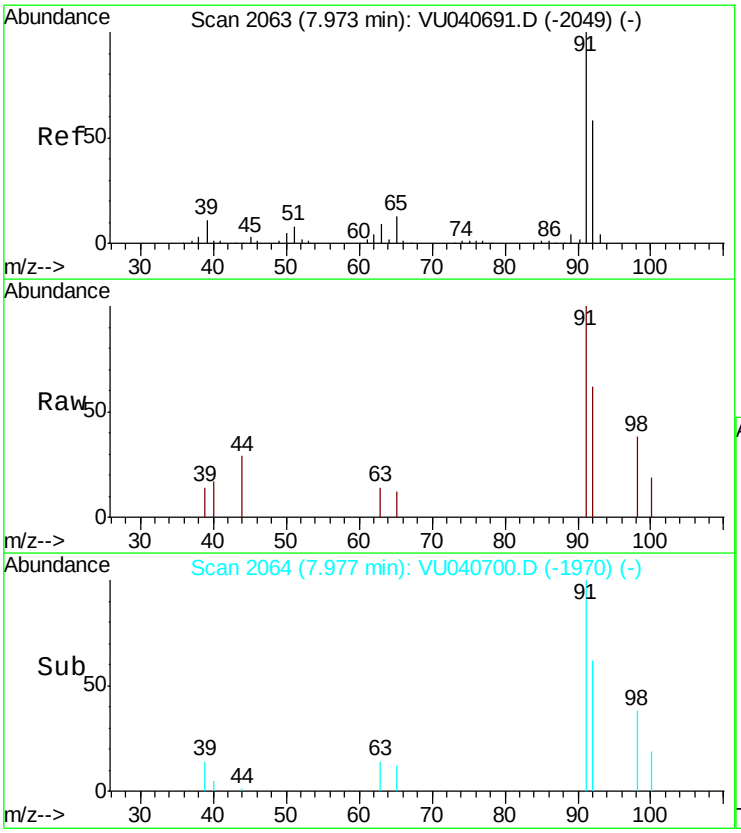
#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Tgt Ion: 75 Resp: 1487

Ion	Ratio	Lower	Upper
75	100		
77	52.0	20.5	38.1#

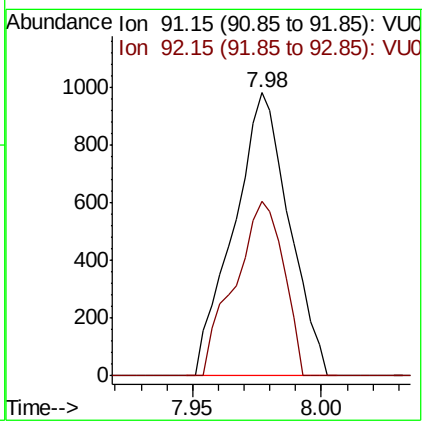


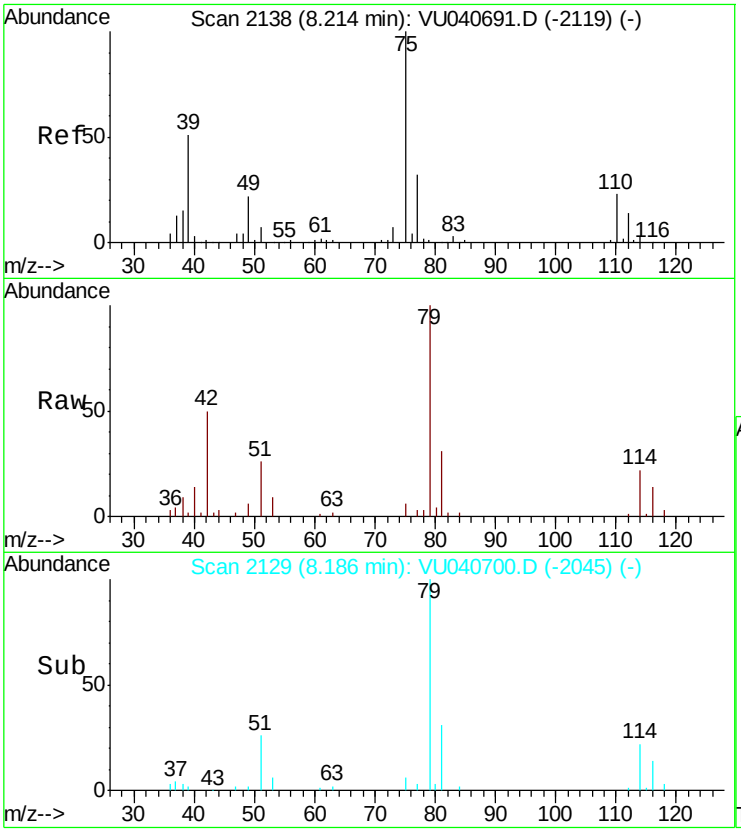


#42
Toluene
Concen: 0.039 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Tgt Ion: 91 Resp: 1469

Ion	Ratio	Lower	Upper
91	100		
92	61.8	40.2	74.6



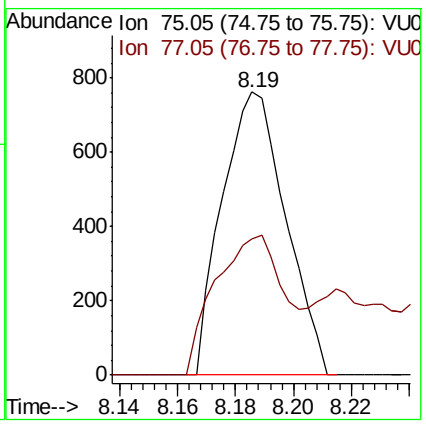


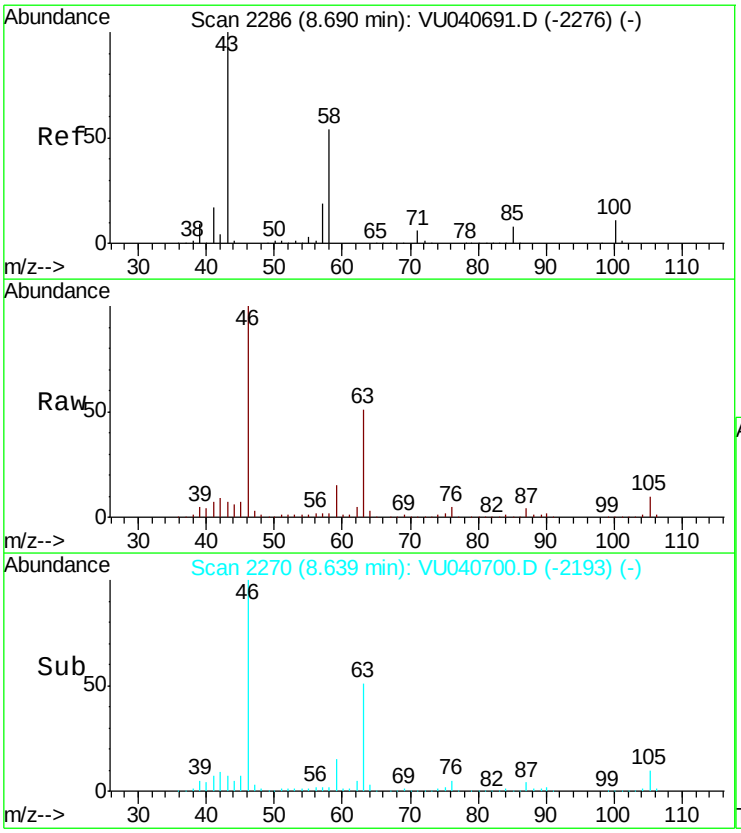
#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Tgt Ion: 75 Resp: 1159

Ion	Ratio	Lower	Upper
75	100		
77	48.0	20.4	38.0#

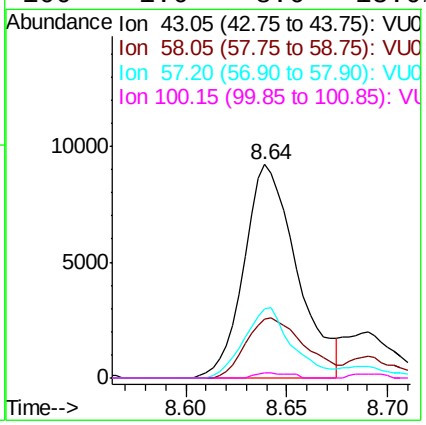


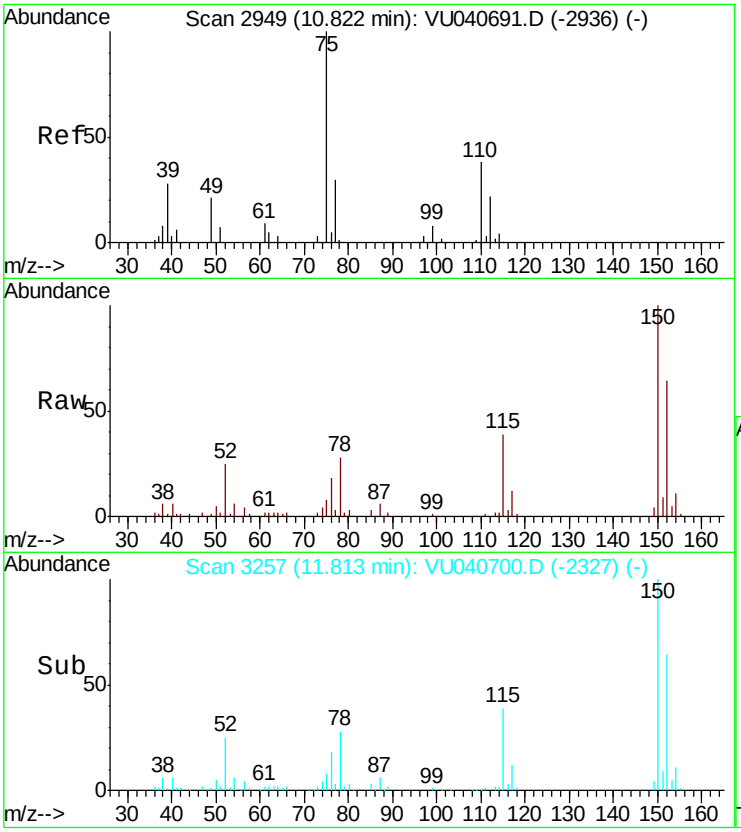


#48
2-Hexanone
Concen: 2.765 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Tgt Ion: 43 Resp: 16900

Ion	Ratio	Lower	Upper
43	100		
58	31.6	41.0	61.6#
57	29.7	14.4	21.6#
100	1.6	8.6	13.0#



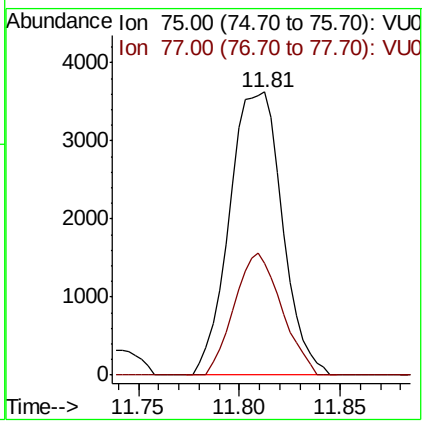


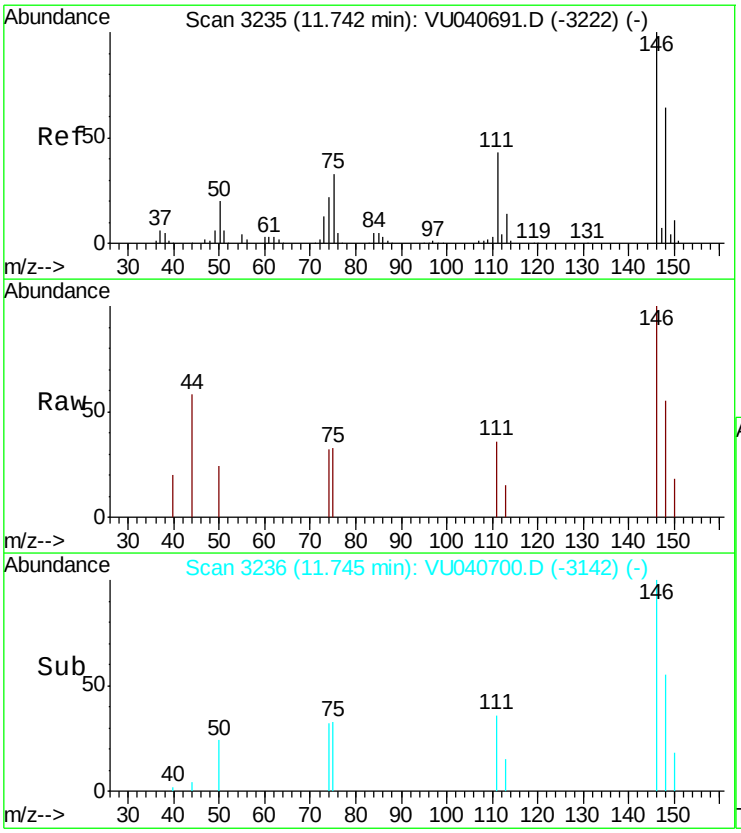
#59
1,2,3-Trichloropropane
Concen: 0.879 ug/L
RT: 11.81 min Scan# 3257
Delta R.T. 0.99 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Tgt Ion: 75 Resp: 6652

Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.4	39.6

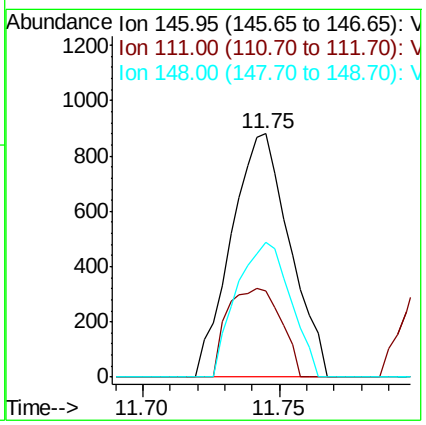


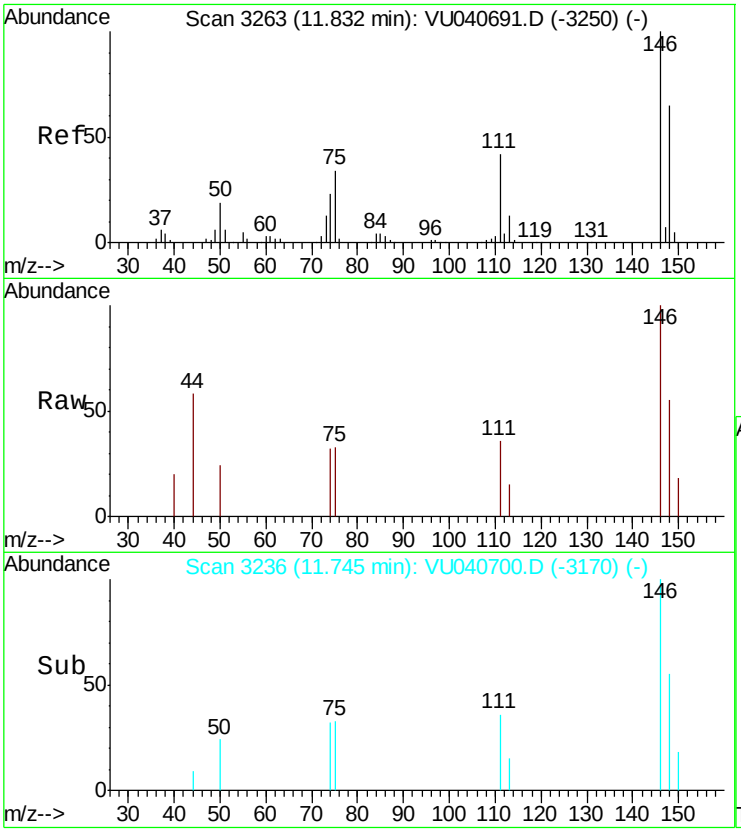


#62
1,3-Dichlorobenzene
Concen: 0.081 ug/L
RT: 11.75 min Scan# 3236
Delta R.T. 0.00 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Tgt Ion:146 Resp: 1311

Ion	Ratio	Lower	Upper
146	100		
111	35.6	28.8	53.6
148	55.4	44.4	82.4





#63
1,4-Dichlorobenzene
Concen: 0.079 ug/L
RT: 11.75 min Scan# 3236
Delta R.T. -0.09 min
Lab File: VU040700.D
Acq: 14 Oct 2020 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFSC6

Tgt Ion:146 Resp: 1311

Ion	Ratio	Lower	Upper
146	100		
111	35.6	28.4	52.8
148	55.4	44.0	81.6