Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Not Reviewed)

Data File : VU037059.D
Acq On : 05 Mar 2020 00:04
Operator : JC/MD
Sample : L1780-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DG2

Quant Time: Mar 05 02:58:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253331	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239896	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90209	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	92060	43.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.54%			
7) Chloroethane-d5	1.92	69	86371	49.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.14%			
11) 1,1-Dichloroethene-d2	2.59	63	119405	33.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.04%			
21) 2-Butanone-d5	4.67	46	146868	102.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.92%			
24) Chloroform-d	5.10	84	160182	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%			
26) 1,2-Dichloroethane-d4	5.74	65	111886	50.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.78%			
32) Benzene-d6	5.76	84	345224	49.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.52%			
36) 1,2-Dichloropropane-d6	6.72	67	116687	51.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.84%			
41) Toluene-d8	7.92	98	305129	47.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.82%			
43) trans-1,3-Dichloropropene-	8.20	79	46106	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.28%			
47) 2-Hexanone-d5	8.66	63	102980	93.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.71%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	166380	52.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.02%			
64) 1,2-Dichlorobenzene-d4	12.21	152	92163	52.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.52%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2507	1.014	ug/L	97
13) Acetone	2.66	43	3562	2.427	ug/L	97
15) Methyl Acetate	2.79	43	3858	1.724	ug/L #	52
33) Benzene	5.81	78	24965	3.294	ug/L	100
35) Methylcyclohexane	6.72	83	24854	7.696	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12343	6.049	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3283	1.044	ug/L #	57
51) Chlorobenzene	9.47	112	58799	12.290	ug/L	96
59) 1,2,3-Trichloropropane	11.76	75	6312	2.404	ug/L #	42
62) 1,3-Dichlorobenzene	11.76	146	18382	6.281	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	117472	40.631	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	109559	37.496	ug/L	98
67) 1,3,5-Trichlorobenzene	13.87	180	45072	24.265	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	45072	32.387	ug/L	97
70) 1,2,3-Trichlorobenzene	14.36	180	23522	16.914	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Not Reviewed)

Data File : VU037059.D
Acq On : 05 Mar 2020 00:04
Operator : JC/MD
Sample : L1780-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DG2

Quant Time: Mar 05 02:58:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

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

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

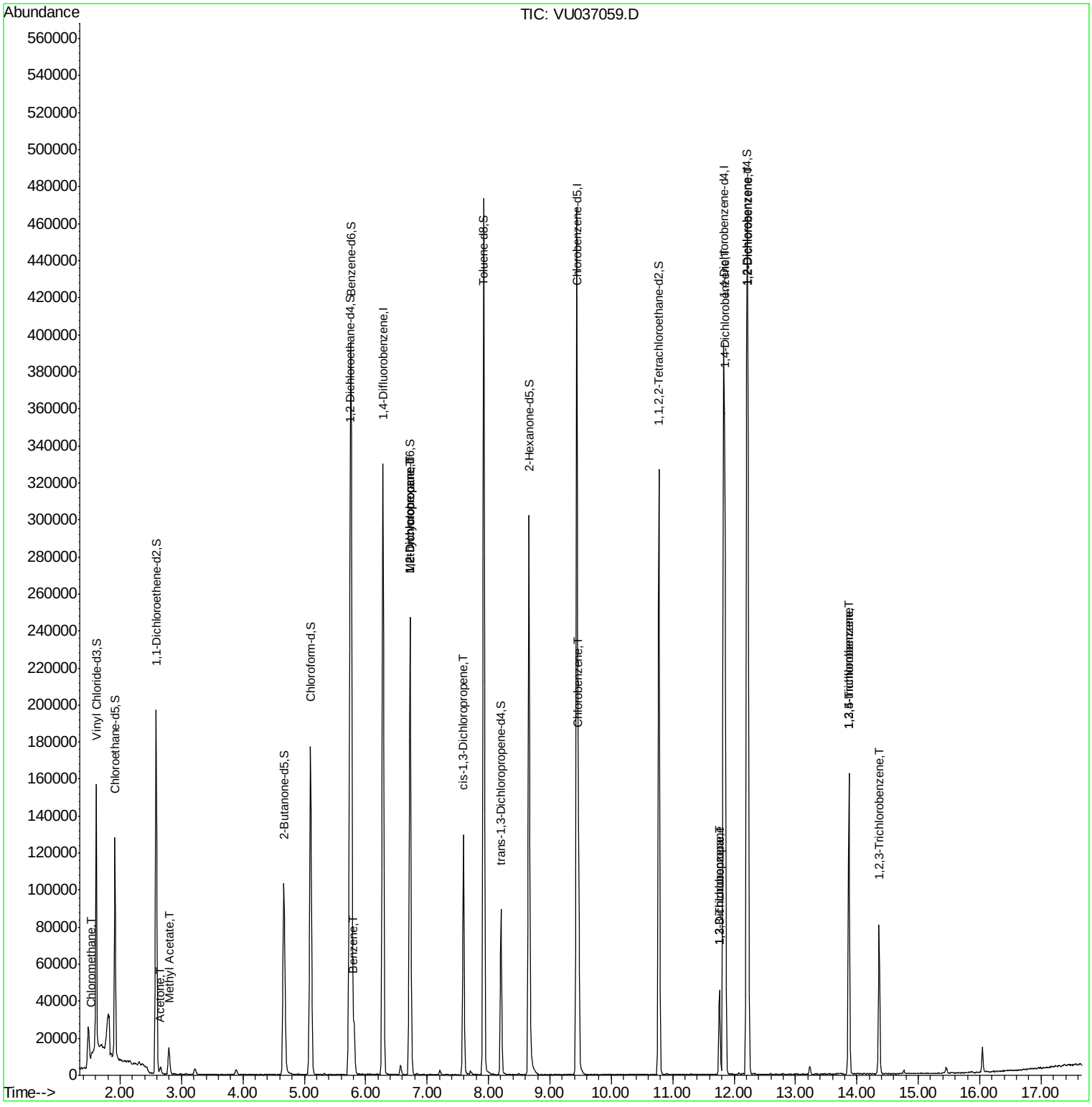
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

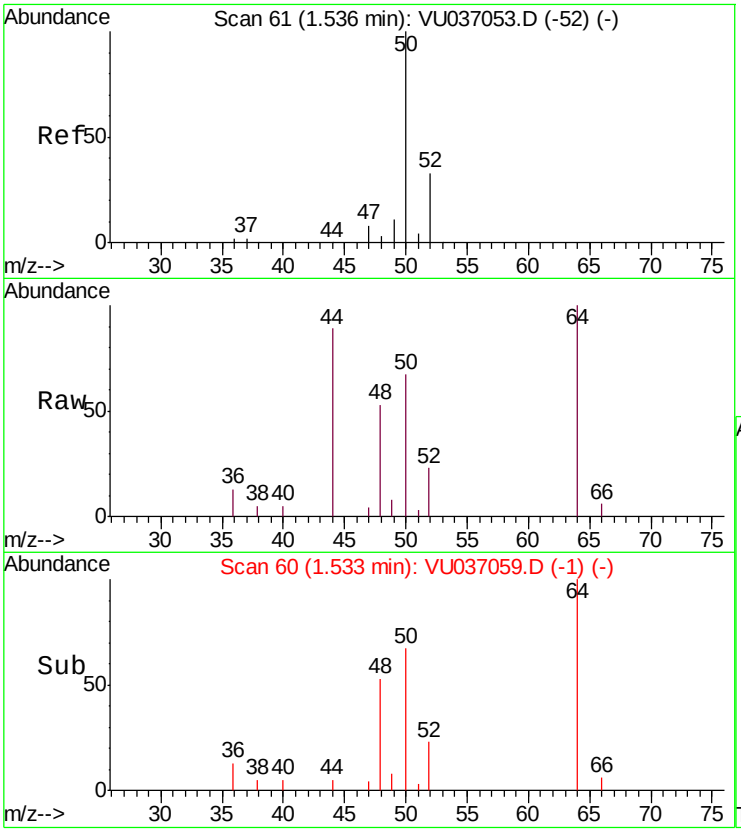
Quantitation Report (Not Reviewed)

Data File : VU037059.D
Acq On : 05 Mar 2020 00:04
Operator : JC/MD
Sample : L1780-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DG2

Quant Time: Mar 05 02:58:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



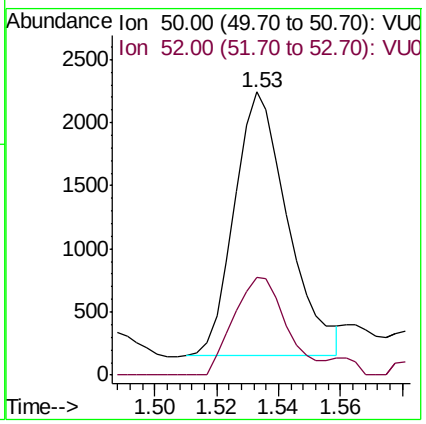


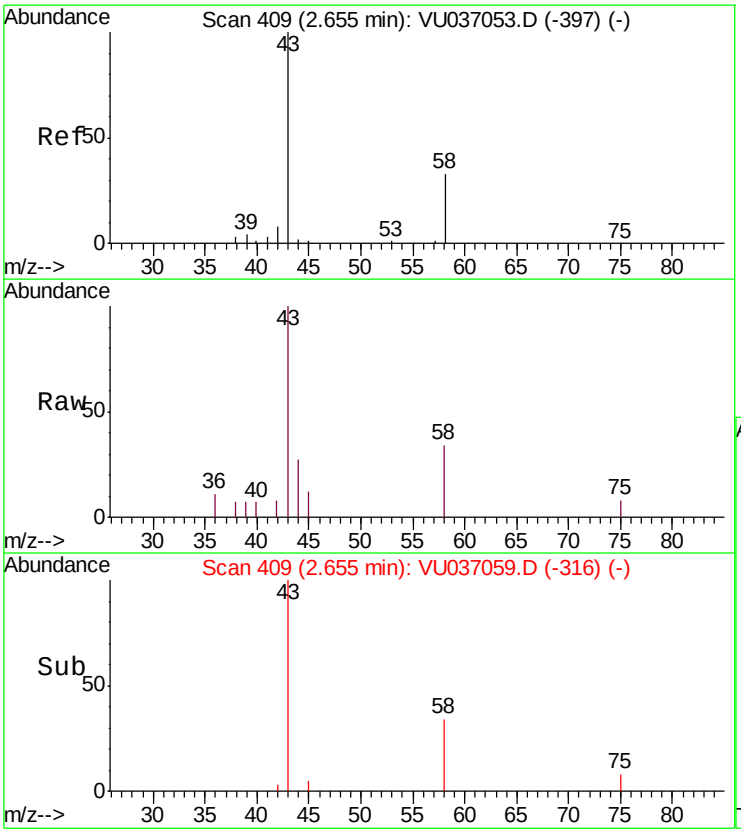
#3
Chloromethane
Concen: 1.014 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument :
MSVOA_U
ClientSampleId :
C0DG2

Tgt Ion: 50 Resp: 2507

Ion	Ratio	Lower	Upper
50	100		
52	34.4	23.0	42.6

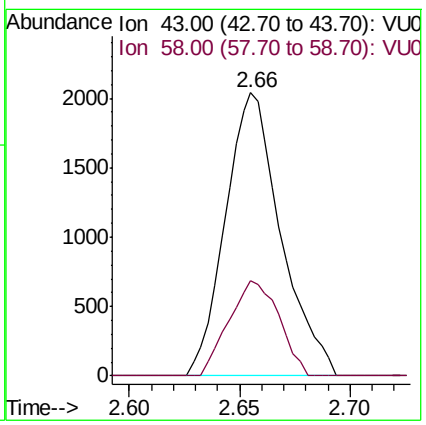


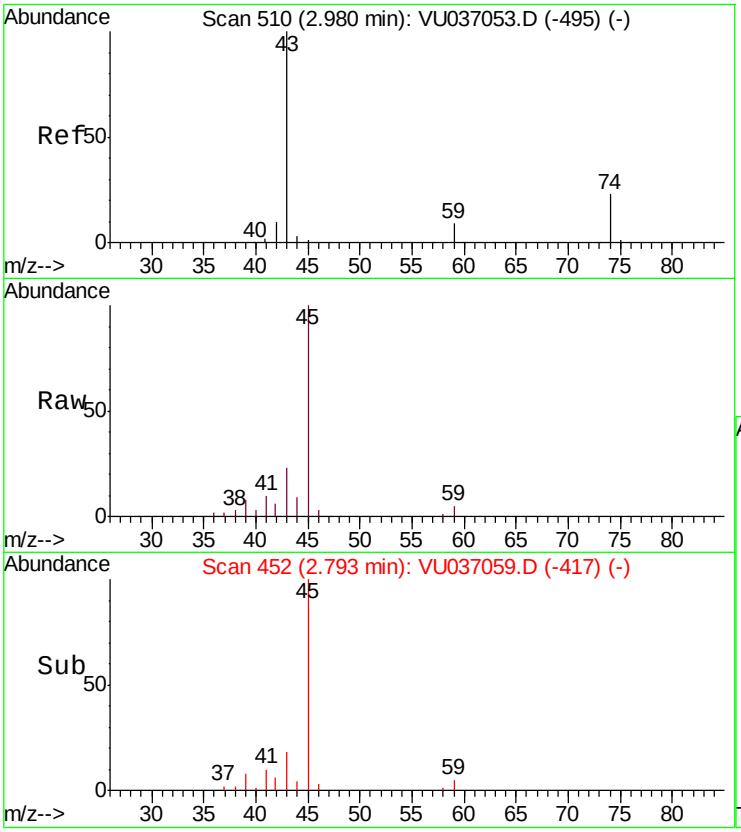


#13
Acetone
Concen: 2.427 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Tgt Ion: 43 Resp: 3562

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	64.6



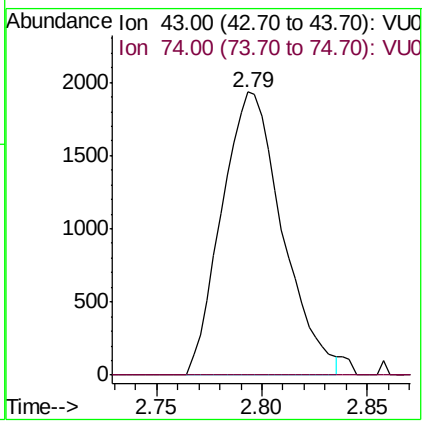


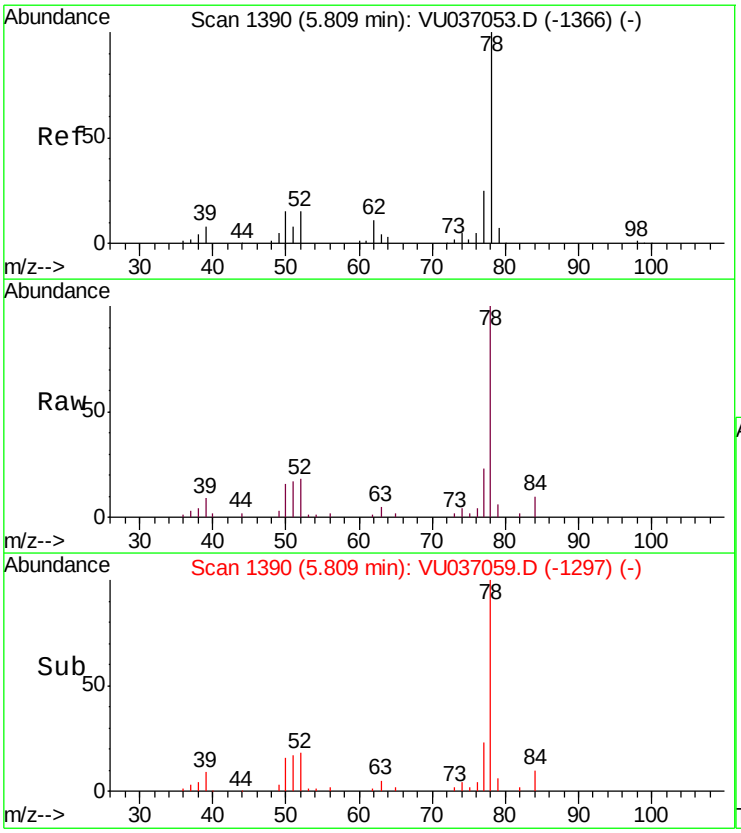
#15
Methyl Acetate
Concen: 1.724 ug/L
RT: 2.79 min Scan# 452
Delta R.T. -0.19 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument :
MSVOA_U
ClientSampleId :
C0DG2

Tgt Ion: 43 Resp: 3858

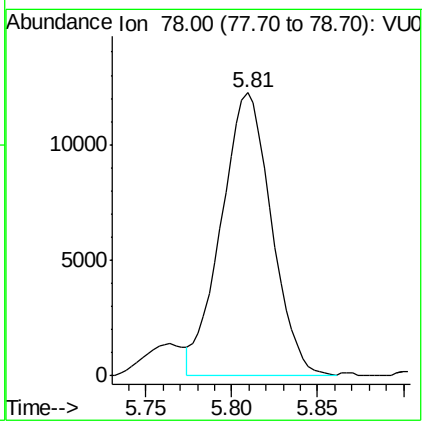
Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.4#

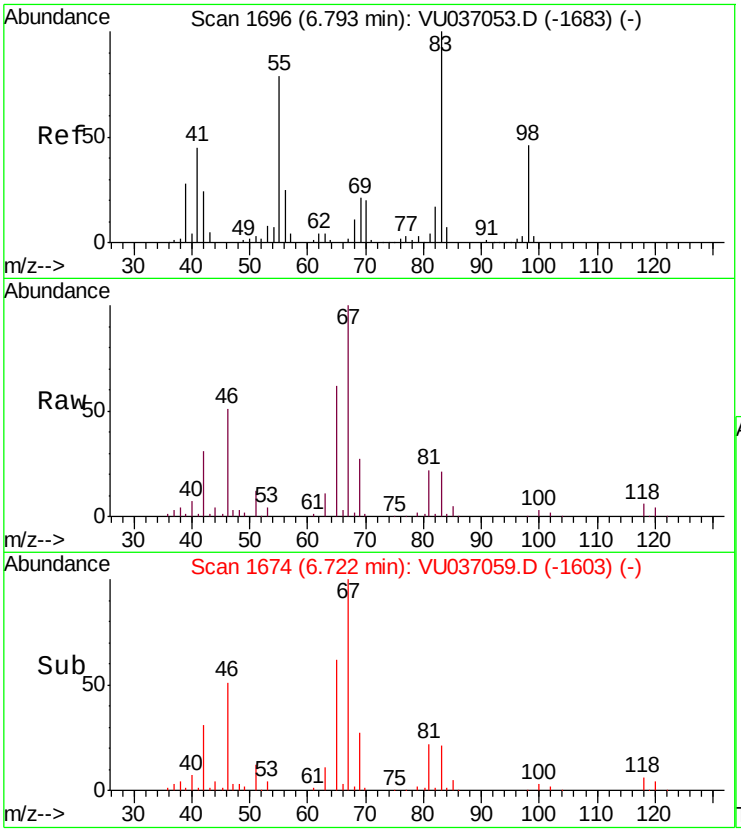




#33
Benzene
Concen: 3.294 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Tgt Ion: 78 Resp: 24965



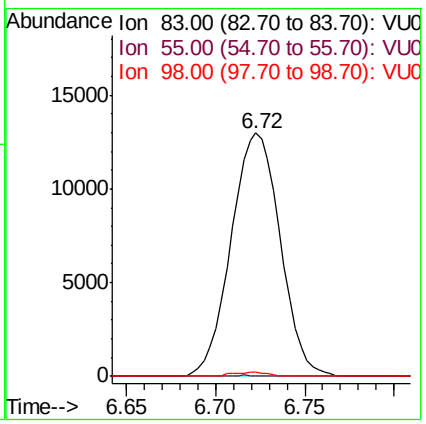


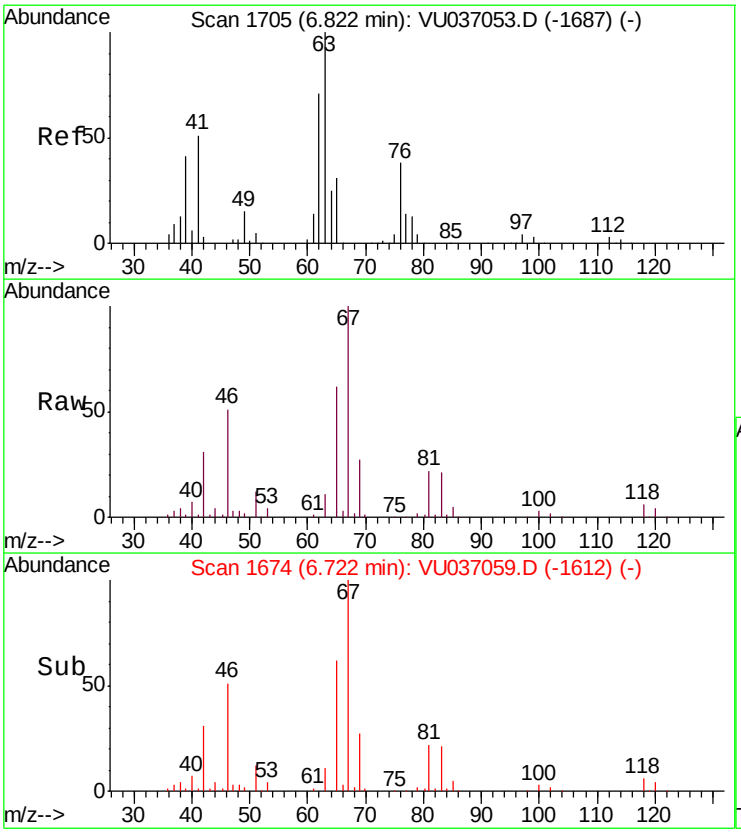
#35
Methylcyclohexane
Concen: 7.696 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument : MSVOA_U
ClientSampleId : C0DG2

Tgt Ion: 83 Resp: 24854

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	93.8#
98	1.1	35.1	52.7#

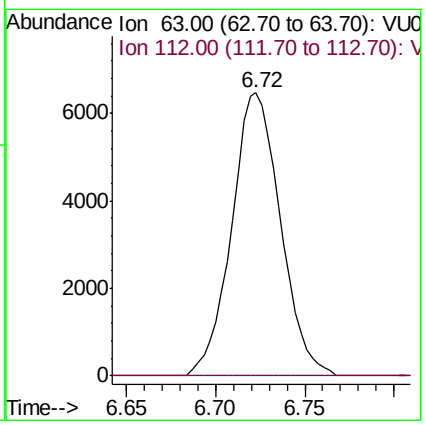


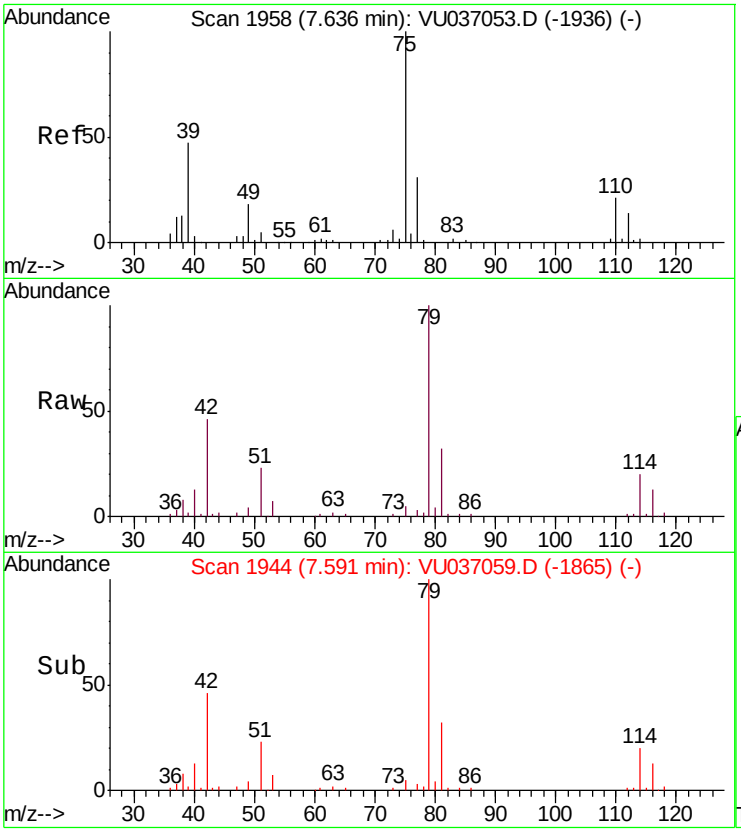


#37
1,2-Dichloropropane
Concen: 6.049 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Tgt Ion: 63 Resp: 12343

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



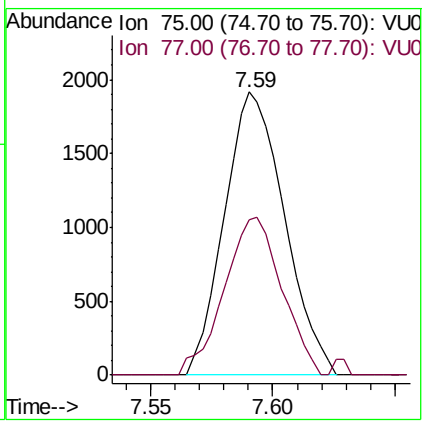


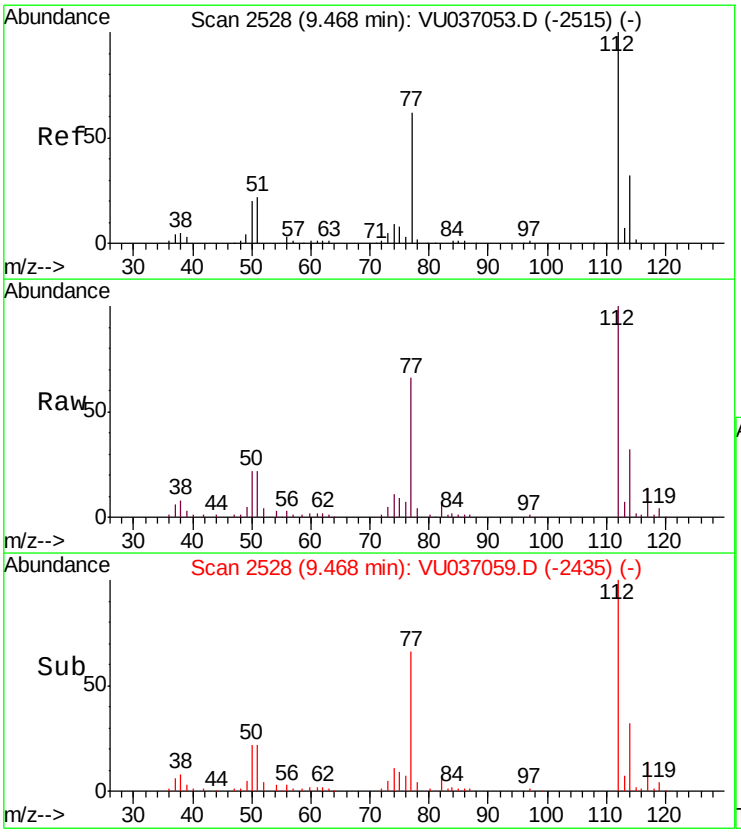
#39
cis-1,3-Dichloropropene
Concen: 1.044 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument : MSVOA_U
ClientSampleId : C0DG2

Tgt Ion: 75 Resp: 3283

Ion	Ratio	Lower	Upper
75	100		
77	55.1	22.0	41.0#

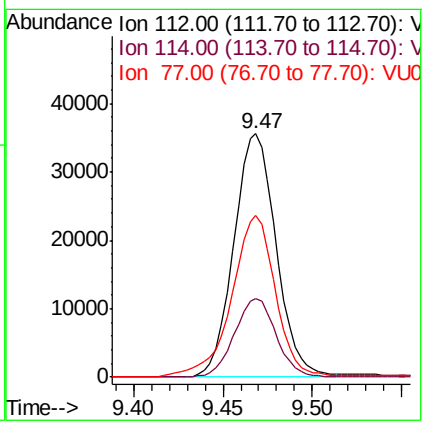


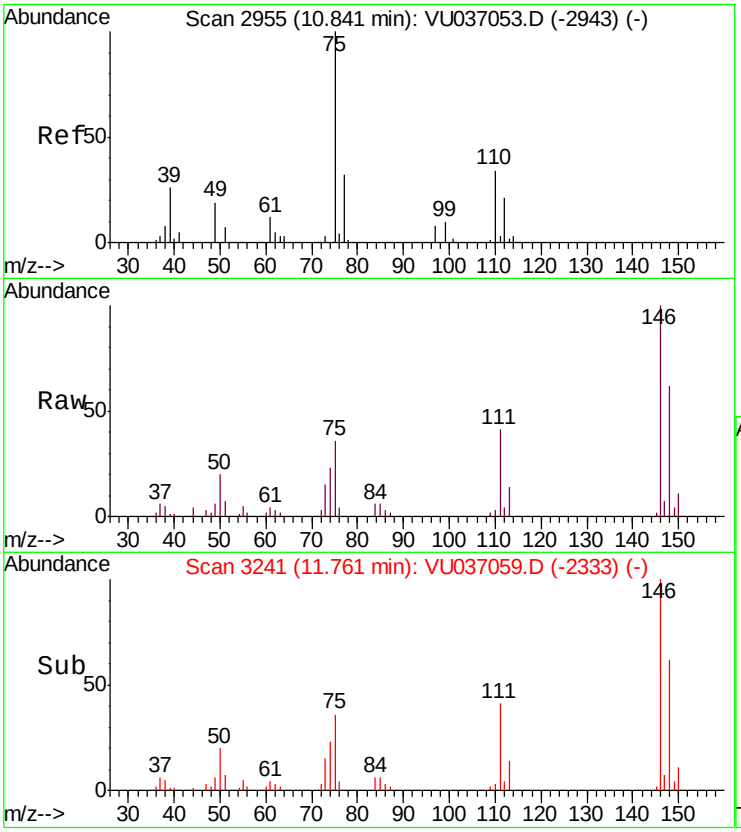


#51
Chlorobenzene
Concen: 12.290 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Tgt Ion:112 Resp: 58799

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.5
77	66.4	50.1	75.1



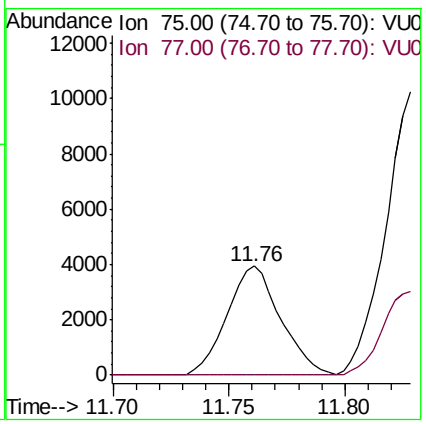


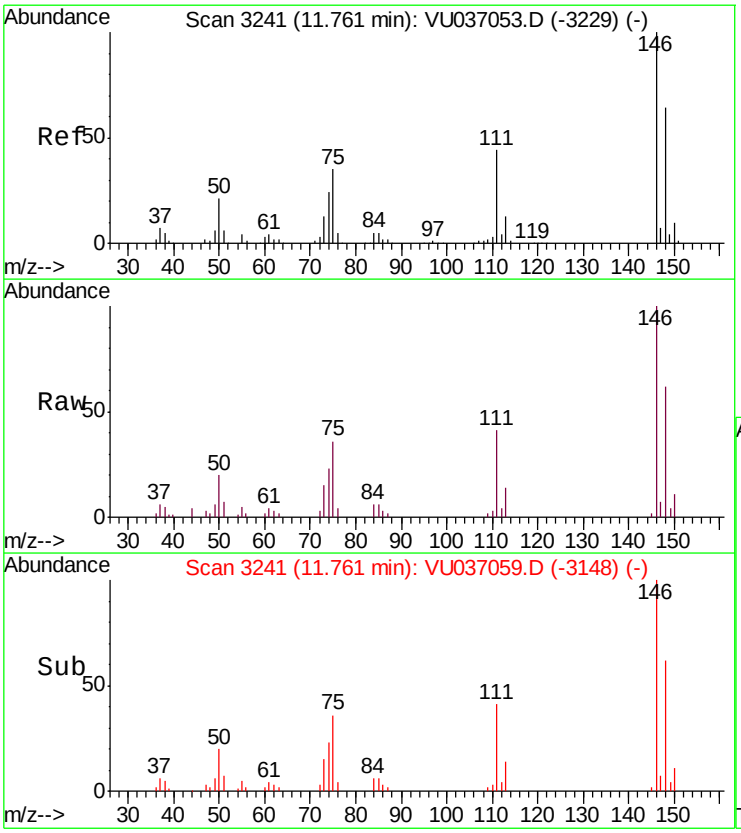
#59
1,2,3-Trichloropropane
Concen: 2.404 ug/L
RT: 11.76 min Scan# 3241
Delta R.T. 0.92 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument : MSVOA_U
ClientSampleId : C0DG2

Tgt Ion: 75 Resp: 6312

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#

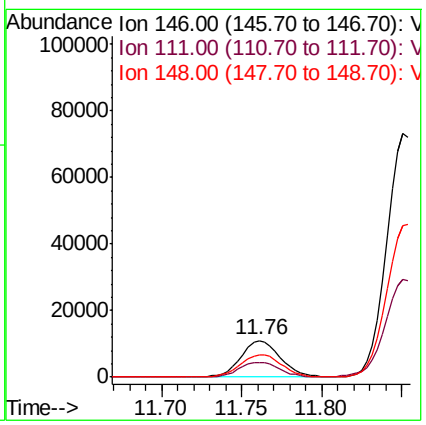


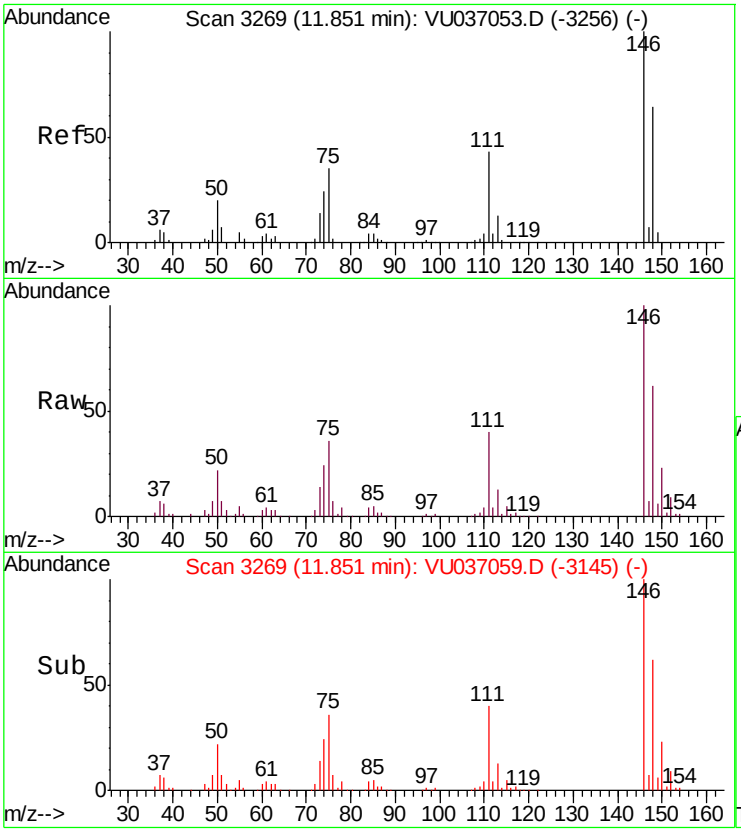


#62
1,3-Dichlorobenzene
Concen: 6.281 ug/L
RT: 11.76 min Scan# 3241
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Tgt Ion:146 Resp: 18382

Ion	Ratio	Lower	Upper
146	100		
111	40.6	30.7	56.9
148	61.6	44.2	82.2



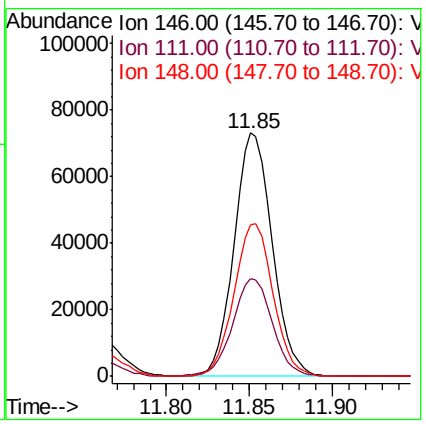


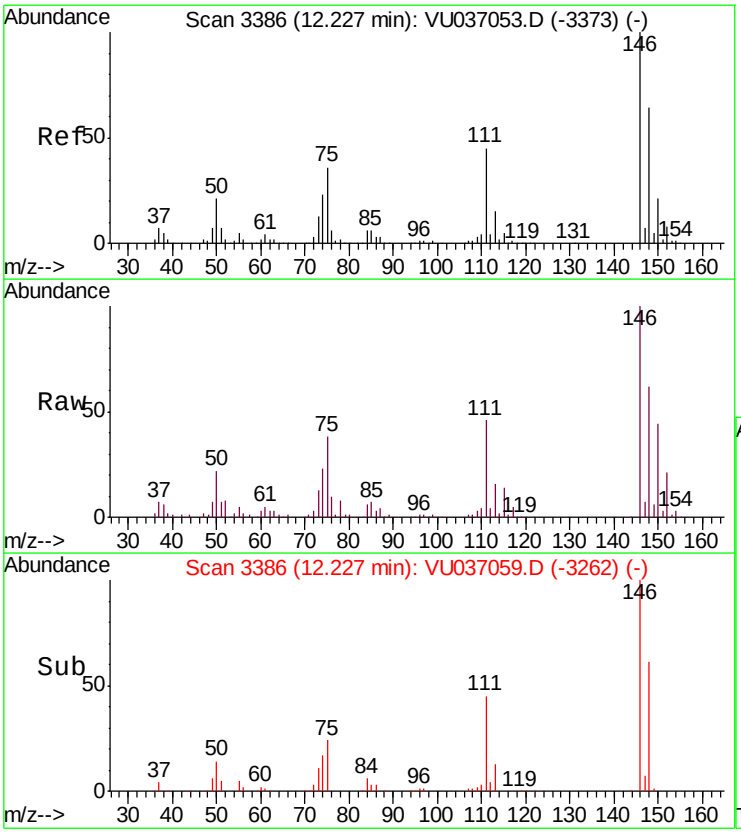
#63
1,4-Dichlorobenzene
Concen: 40.631 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument :
MSVOA_U
ClientSampleId :
C0DG2

Tgt Ion:146 Resp: 117472

Ion	Ratio	Lower	Upper
146	100		
111	40.1	29.8	55.4
148	62.3	45.1	83.9

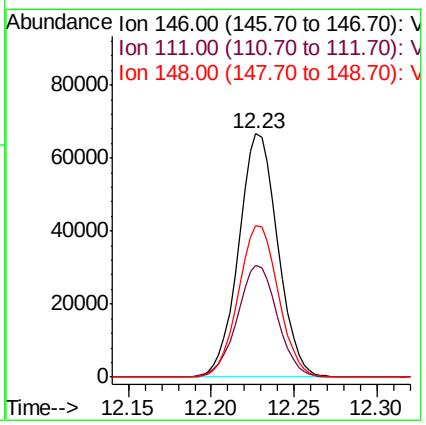


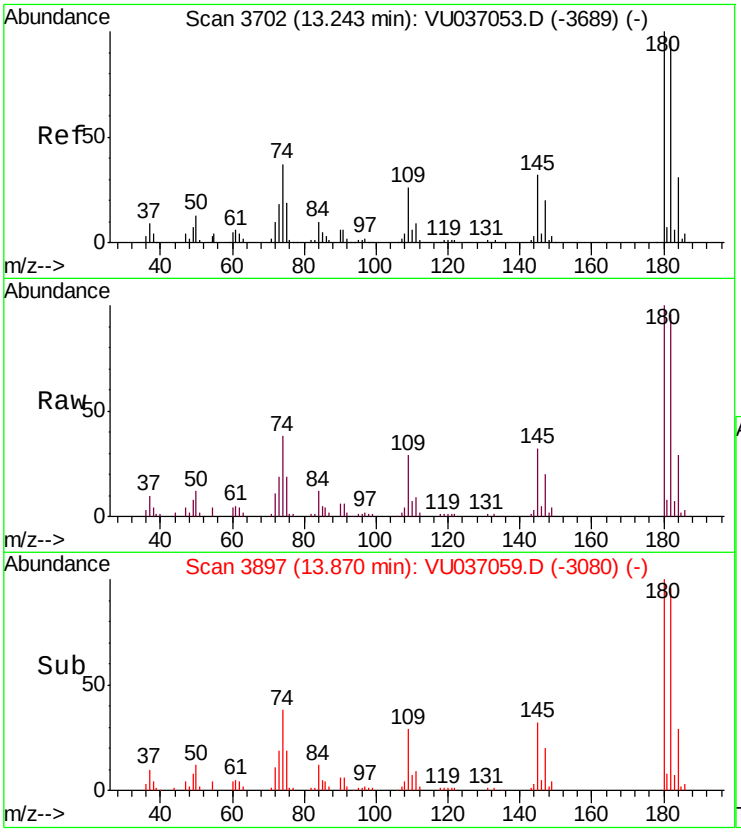


#65
1,2-Dichlorobenzene
Concen: 37.496 ug/L
RT: 12.23 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Tgt Ion:146 Resp: 109559

Ion	Ratio	Lower	Upper
146	100		
111	45.9	35.4	53.0
148	62.0	50.5	75.7



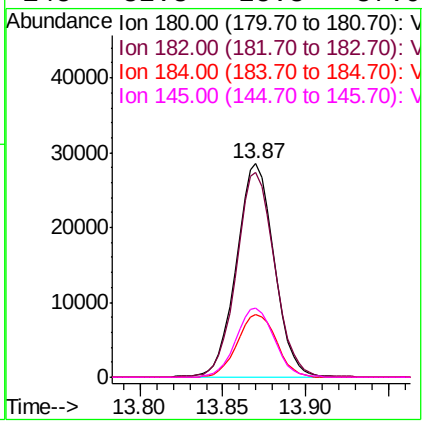


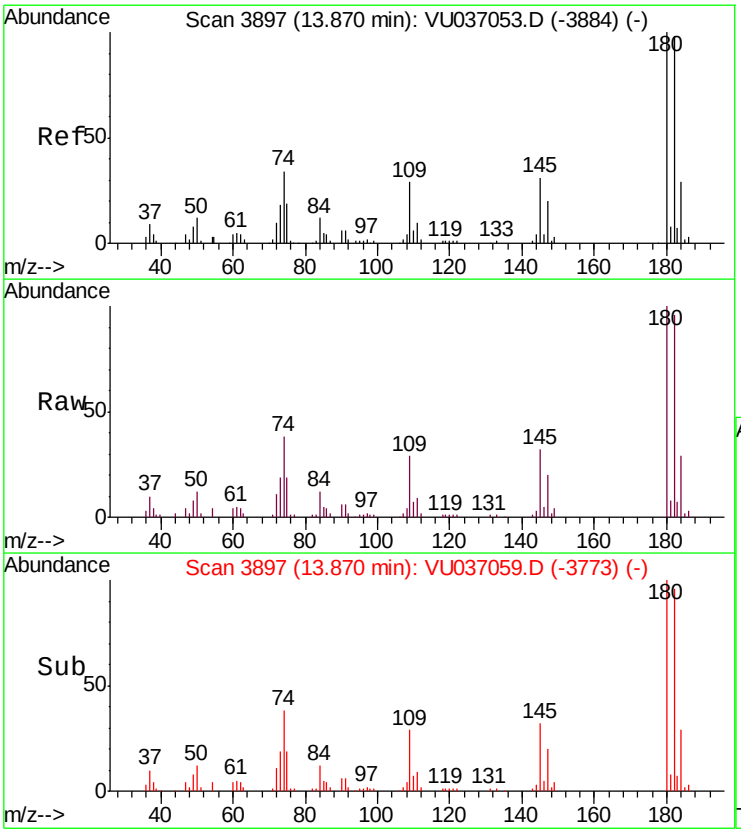
#67
1,3,5-Trichlorobenzene
Concen: 24.265 ug/L
RT: 13.87 min Scan# 3897
Delta R.T. 0.63 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument :
MSVOA_U
ClientSampleId :
C0DG2

Tgt Ion:180 Resp: 45072

Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.9	115.3
184	30.3	24.2	36.2
145	32.8	25.3	37.9

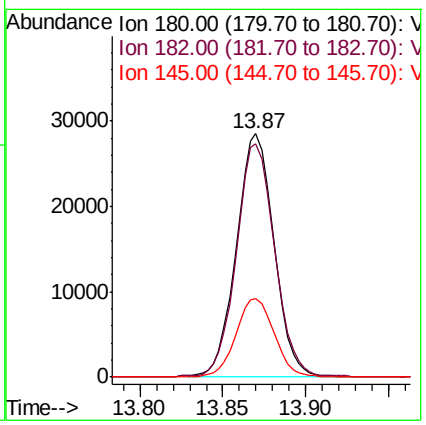


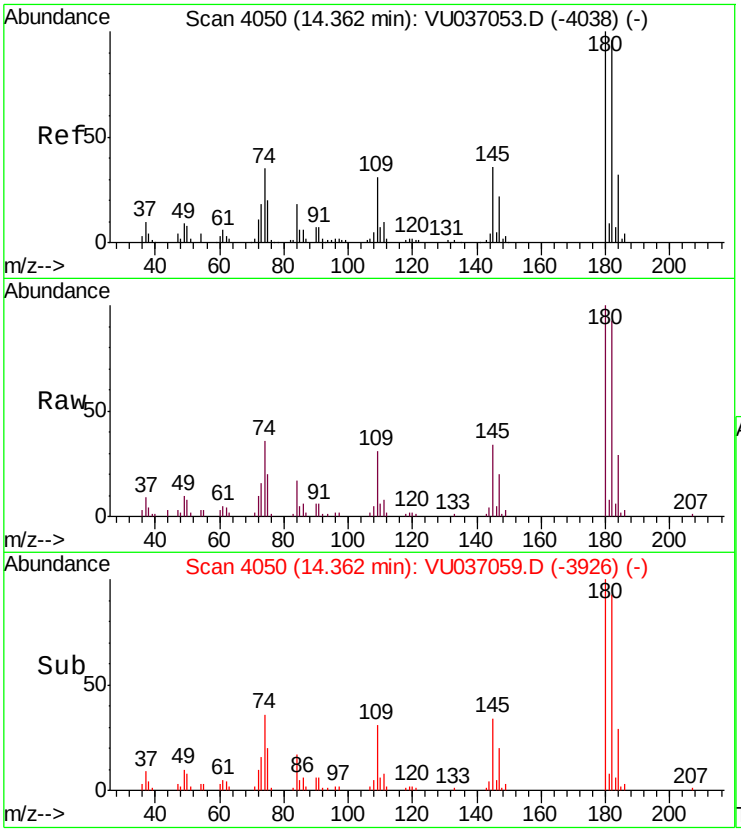


#68
1,2,4-trichlorobenzene
Concen: 32.387 ug/L
RT: 13.87 min Scan# 3897
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Tgt Ion:180 Resp: 45072

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.3	112.9
145	32.8	26.2	39.4





#70
1,2,3-Trichlorobenzene
Concen: 16.914 ug/L
RT: 14.36 min Scan# 4050
Delta R.T. -0.00 min
Lab File: VU037059.D
Acq: 05 Mar 2020 00:04

Instrument :
MSVOA_U
ClientSampleId :
C0DG2

Tgt Ion:180 Resp: 23522

Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.0	115.6
145	33.8	28.1	42.1