Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Not Reviewed)

Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09B1

Quant Time: Mar 25 05:53:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	412567	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	405076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	213696	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	123416	37.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.34%			
7) Chloroethane-d5	1.68	69	108880	41.37	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.74%			
11) 1,1-Dichloroethene-d2	2.27	63	189852	30.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.28%			
21) 2-Butanone-d5	4.17	46	293787	94.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.13%			
24) Chloroform-d	4.64	84	262350	45.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.72%			
26) 1,2-Dichloroethane-d4	5.31	65	174978	46.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.48%			
32) Benzene-d6	5.34	84	526075	45.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.58%			
36) 1,2-Dichloropropane-d6	6.33	67	187519	47.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.36%			
41) Toluene-d8	7.56	98	458935	43.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.98%			
43) trans-1,3-Dichloropropene-	7.85	79	80390	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.04%			
47) 2-Hexanone-d5	8.31	63	204479	94.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	261620	46.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.87	152	216551	50.57	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.14%			
Target Compounds						Qvalue
8) Chloroethane	1.53	64	3529	1.295	ug/L #	51
13) Acetone	2.32	43	14479	4.587	ug/L	95
25) Chloroform	4.67	83	129944	21.511	ug/L	99
27) 1,2-Dichloroethane	5.39	62	80689	17.022	ug/L #	75
31) Carbon tetrachloride	5.13	117	39507	9.397	ug/L	97
33) Benzene	5.39	78	9314687	675.506	ug/L	100
35) Methylcyclohexane	6.42	83	3800	0.681	ug/L #	68
42) Toluene	7.64	91	5271	0.368	ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	3106	0.628	ug/L	85
46) Tetrachloroethene	8.23	164	1245	0.526	ug/L	95
48) 2-Hexanone	8.36	43	6644	1.233	ug/L #	44
59) 1,2,3-Trichloropropane	10.45	75	2780	0.584	ug/L #	1
62) 1,3-Dichlorobenzene	11.42	146	7187648	1028.506	ug/L	99
63) 1,4-Dichlorobenzene	11.42	146	7187648	999.060	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.63	75	27661	17.580	ug/L #	8
67) 1,3,5-Trichlorobenzene	12.89	180	6156	1.177	ug/L	92
68) 1,2,4-trichlorobenzene	13.51	180	10489895	2307.648	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Not Reviewed)

Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09B1

Quant Time: Mar 25 05:53:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.99	180	4206082	876.256	ug/L	100

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

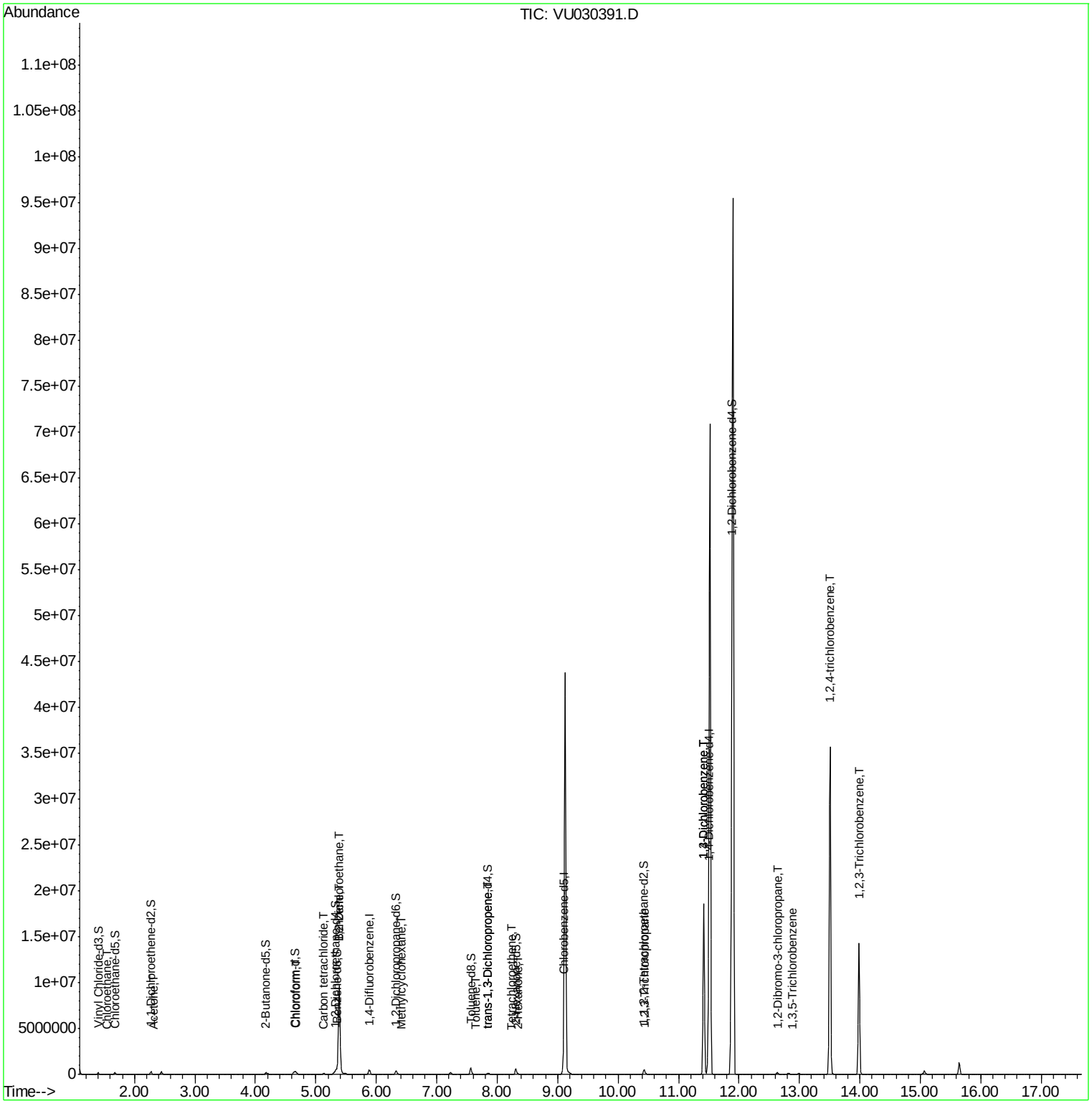
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

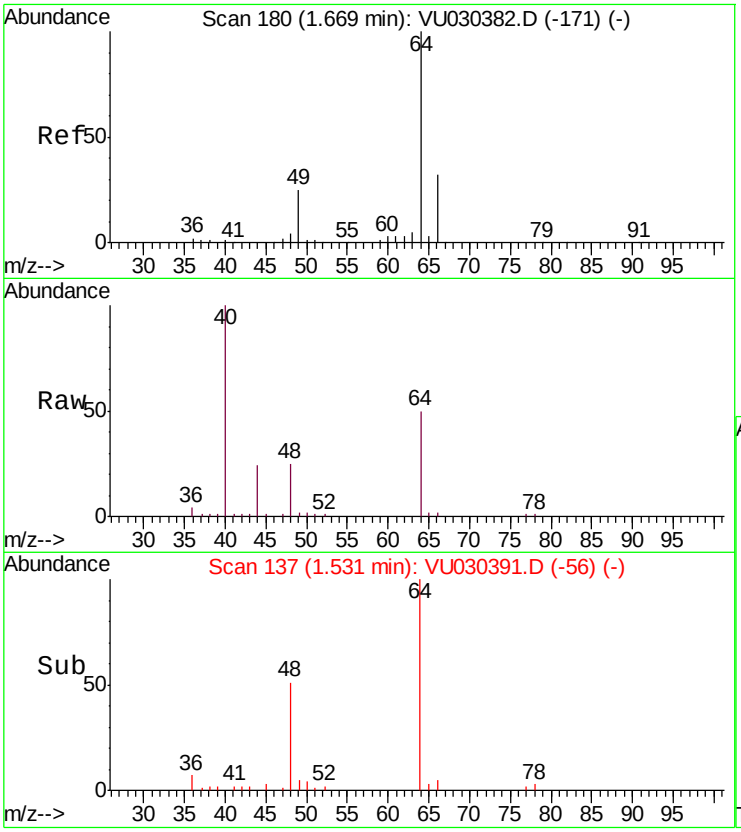
Quantitation Report (Not Reviewed)

Data File : VU030391.D
Acq On : 25 Mar 2019 02:03
Operator : JC/SP
Sample : K2070-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Quant Time: Mar 25 05:53:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



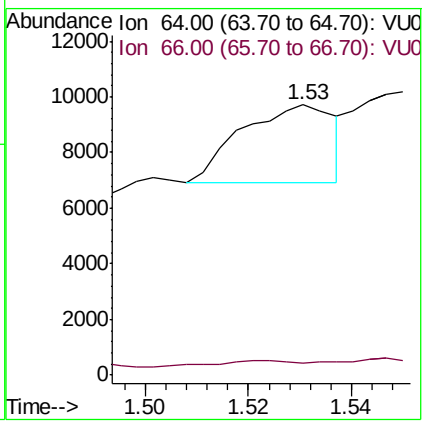


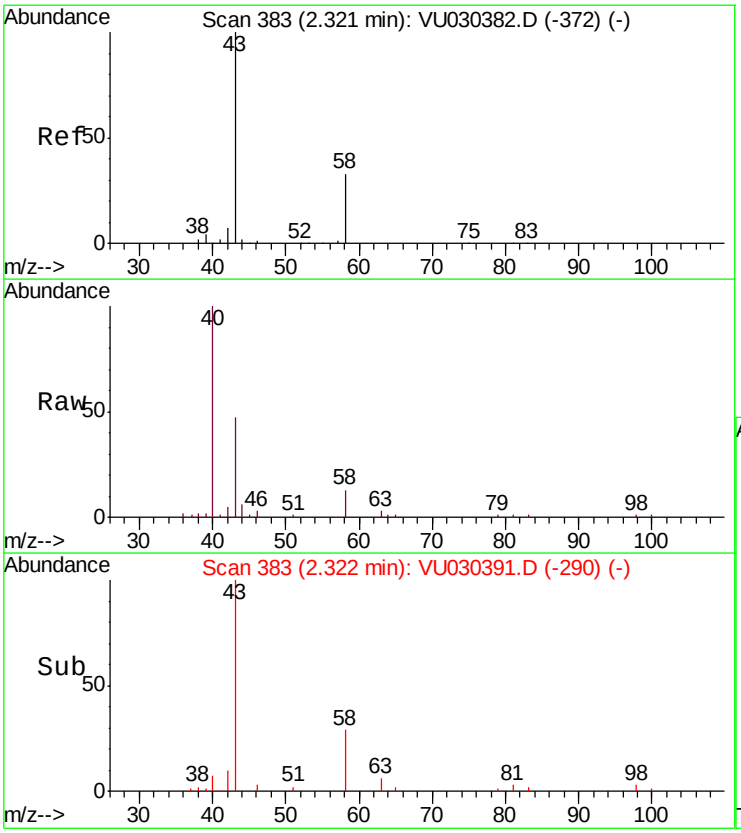
#8
Chloroethane
Concen: 1.295 ug/L
RT: 1.53 min Scan# 137
Delta R.T. -0.14 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument : MSVOA_U
ClientSampleId : C09B1

Tgt Ion: 64 Resp: 3529

Ion	Ratio	Lower	Upper
64	100		
66	4.7	22.5	41.7#

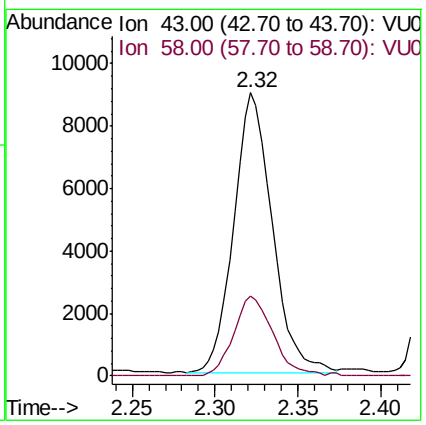


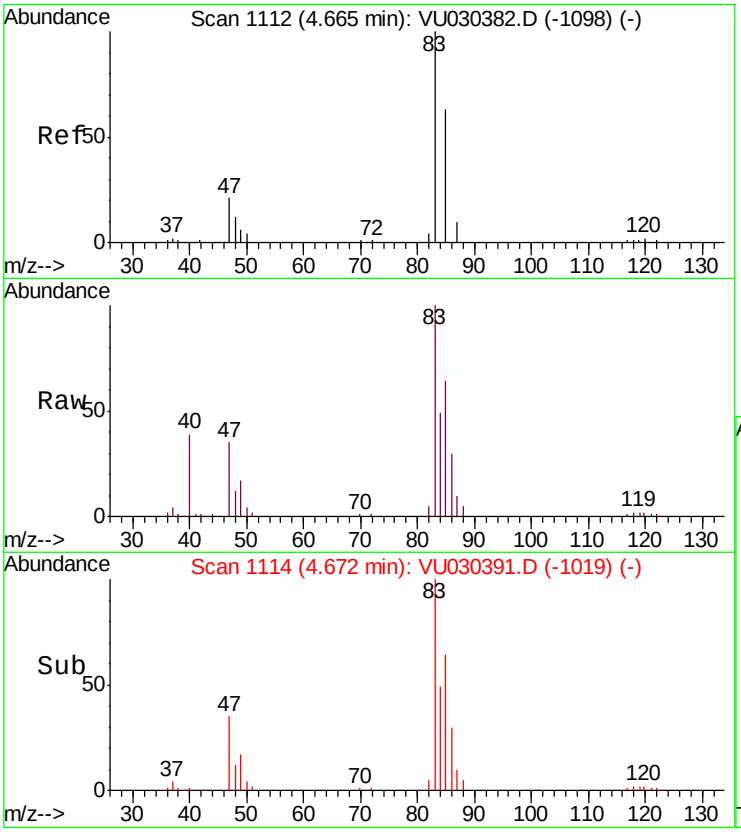


#13
Acetone
Concen: 4.587 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion: 43 Resp: 14479

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	62.8



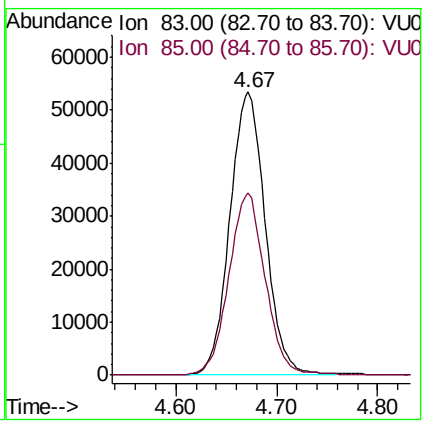


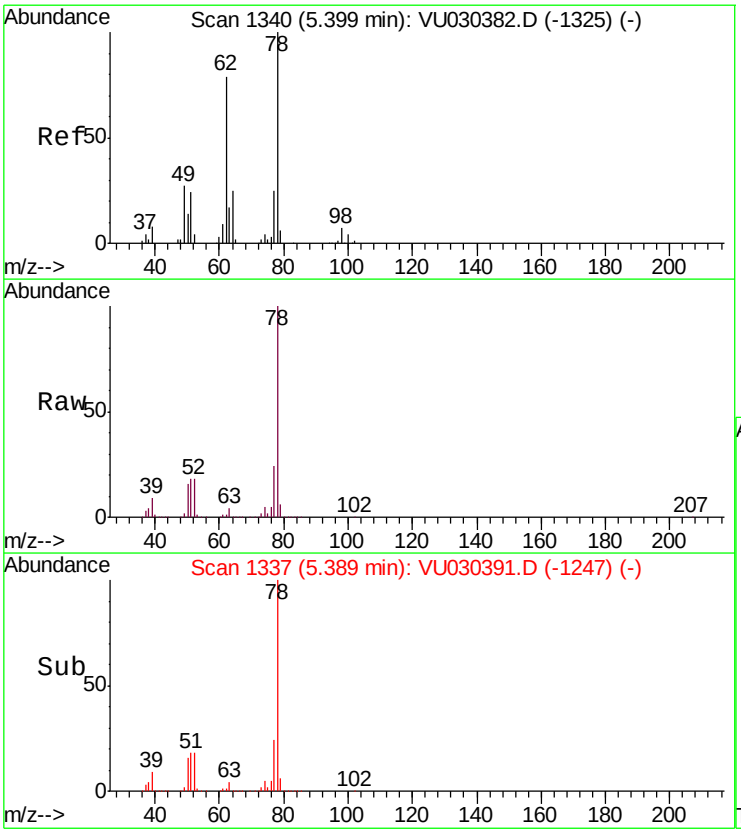
#25
Chloroform
Concen: 21.511 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Tgt Ion: 83 Resp: 129944

Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.4	82.4

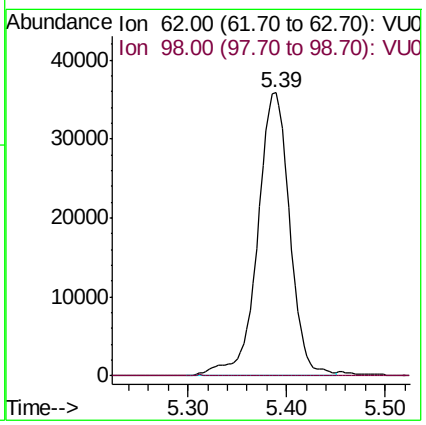


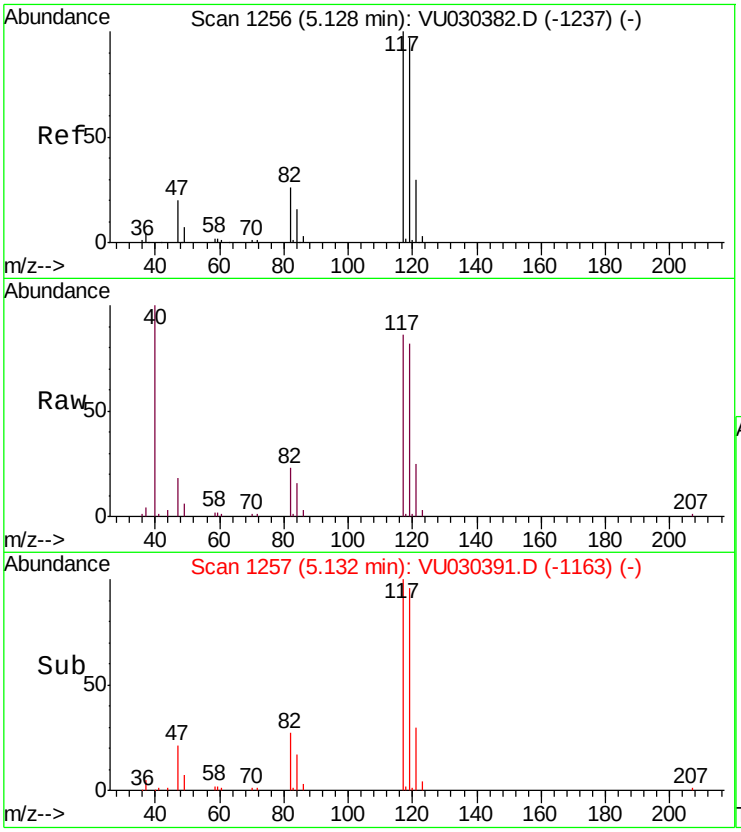


#27
1,2-Dichloroethane
Concen: 17.022 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion: 62 Resp: 80689

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



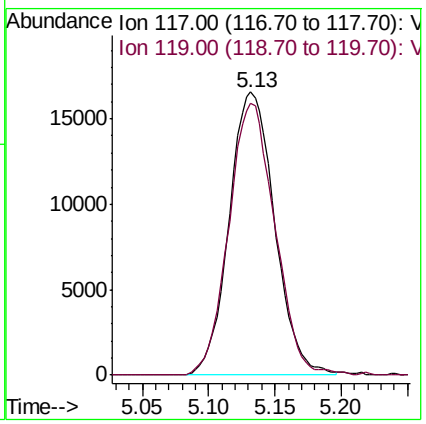


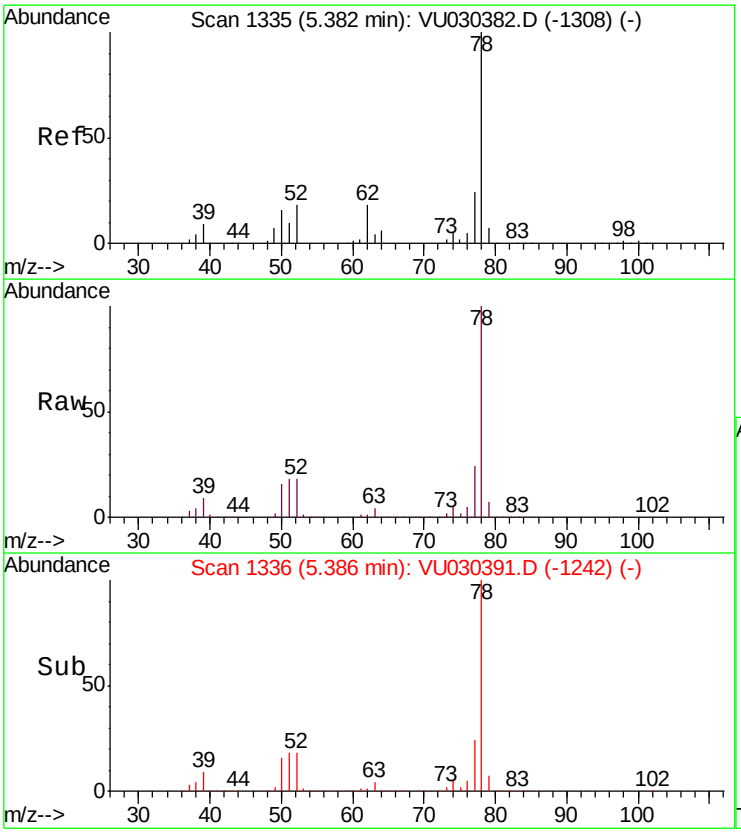
#31
Carbon tetrachloride
Concen: 9.397 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Tgt Ion:117 Resp: 39507

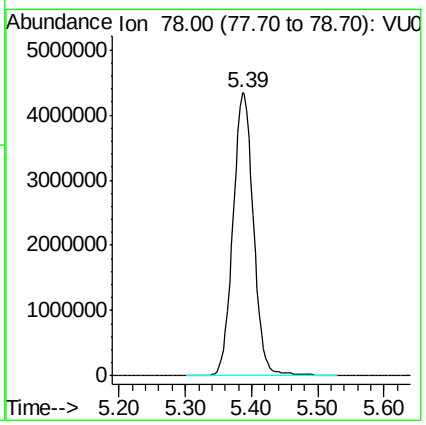
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.2

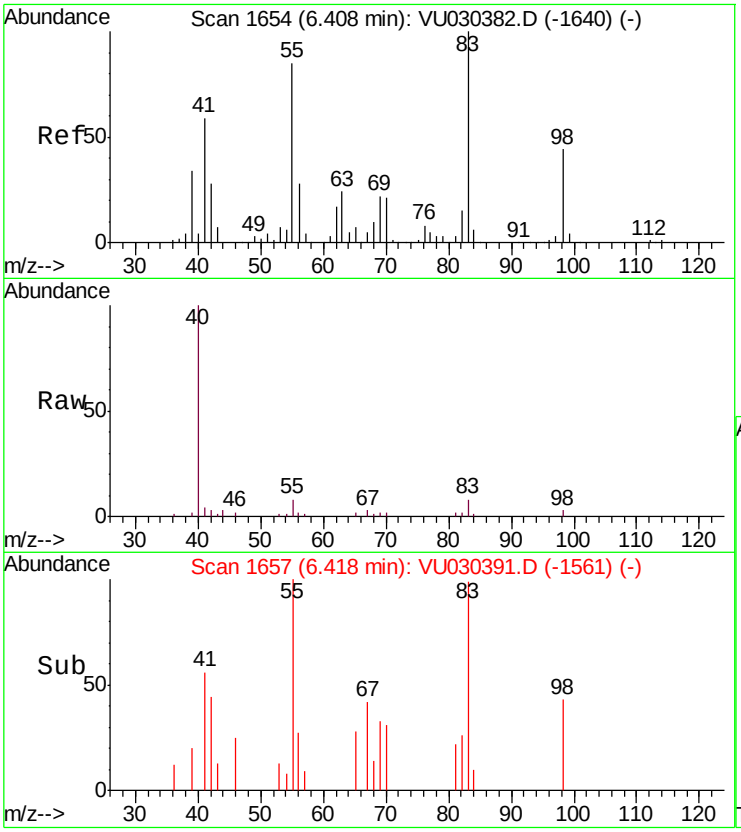




#33
Benzene
Concen: 675.506 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion: 78 Resp: 9314687



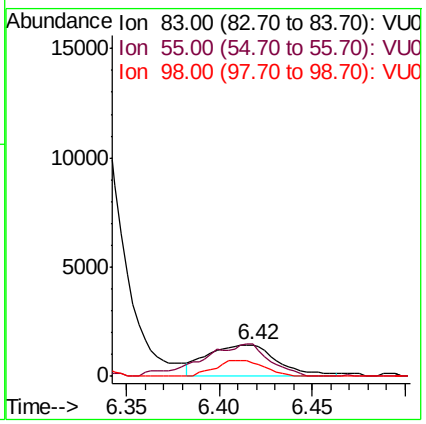


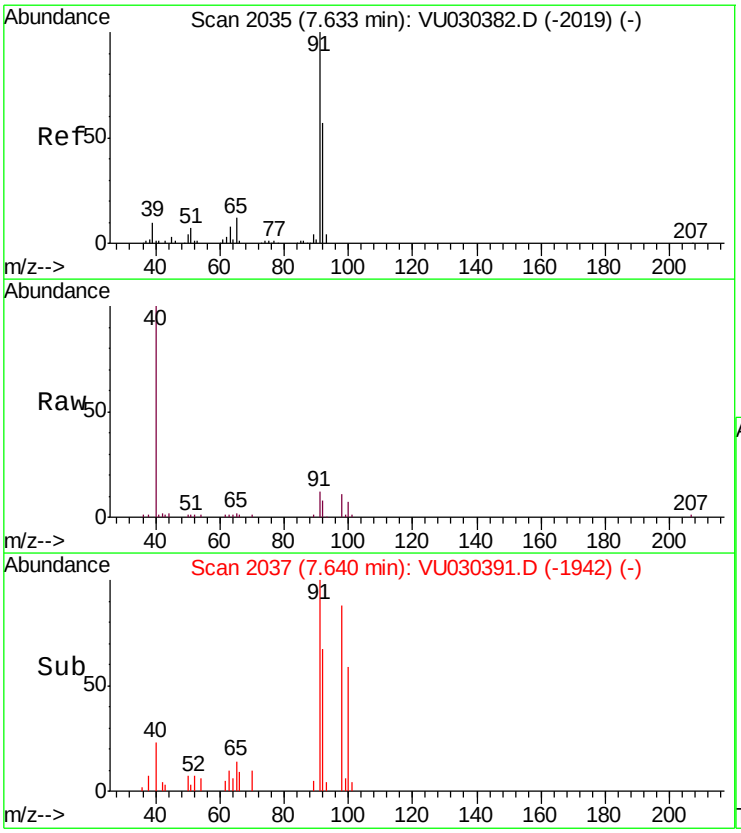
#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.42 min Scan# 1657
Delta R.T. 0.01 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Tgt Ion: 83 Resp: 3800

Ion	Ratio	Lower	Upper
83	100		
55	51.0	71.4	107.0#
98	35.1	36.0	54.0#

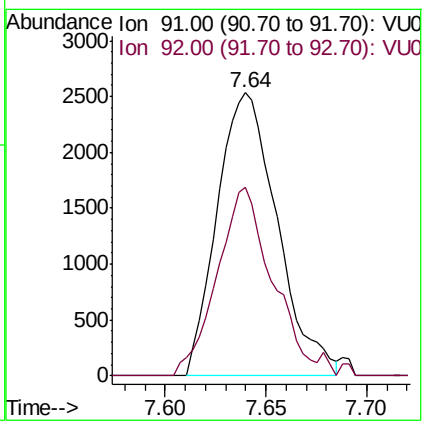


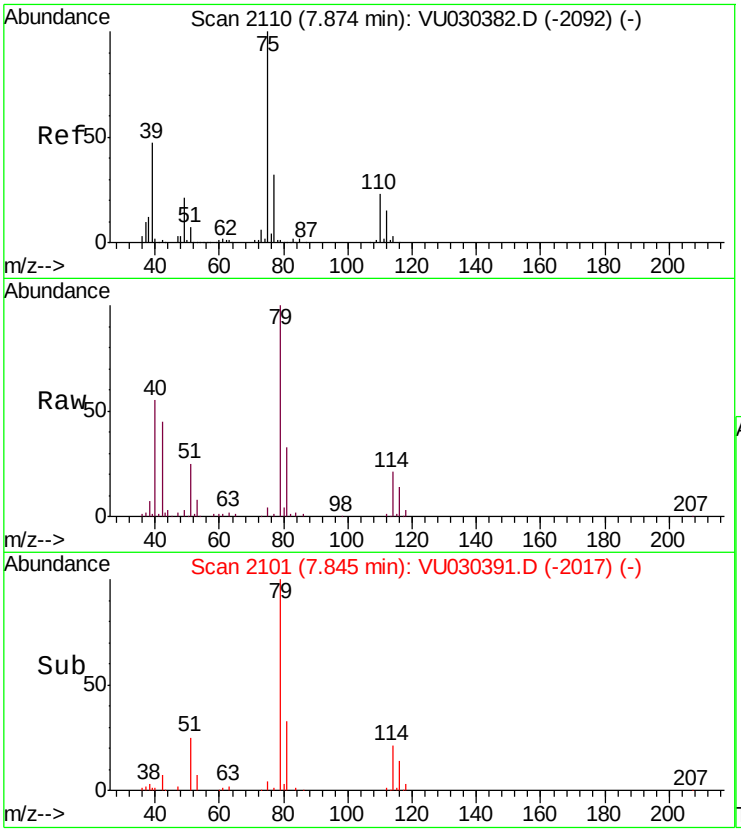


#42
Toluene
Concen: 0.368 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion: 91 Resp: 5271

Ion	Ratio	Lower	Upper
91	100		
92	66.7	39.7	73.7



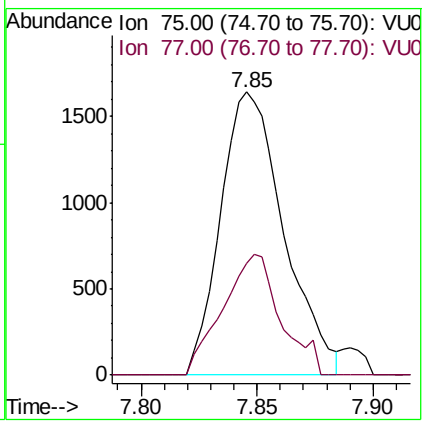


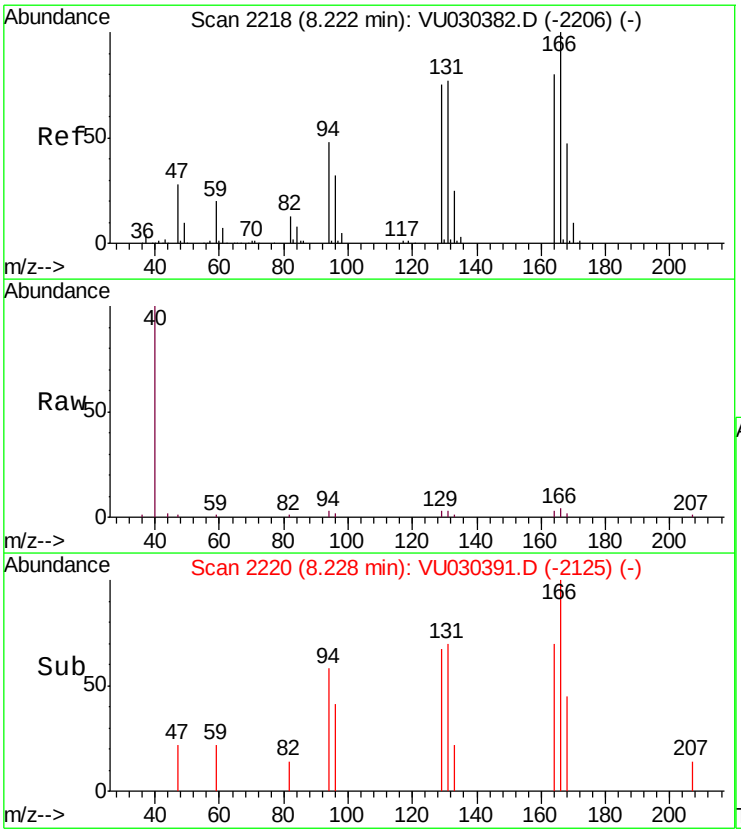
#44
trans-1,3-Dichloropropene
Concen: 0.628 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Tgt Ion: 75 Resp: 3106

Ion	Ratio	Lower	Upper
75	100		
77	39.6	22.0	40.8

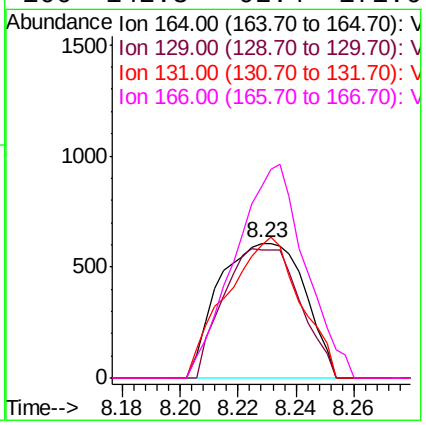


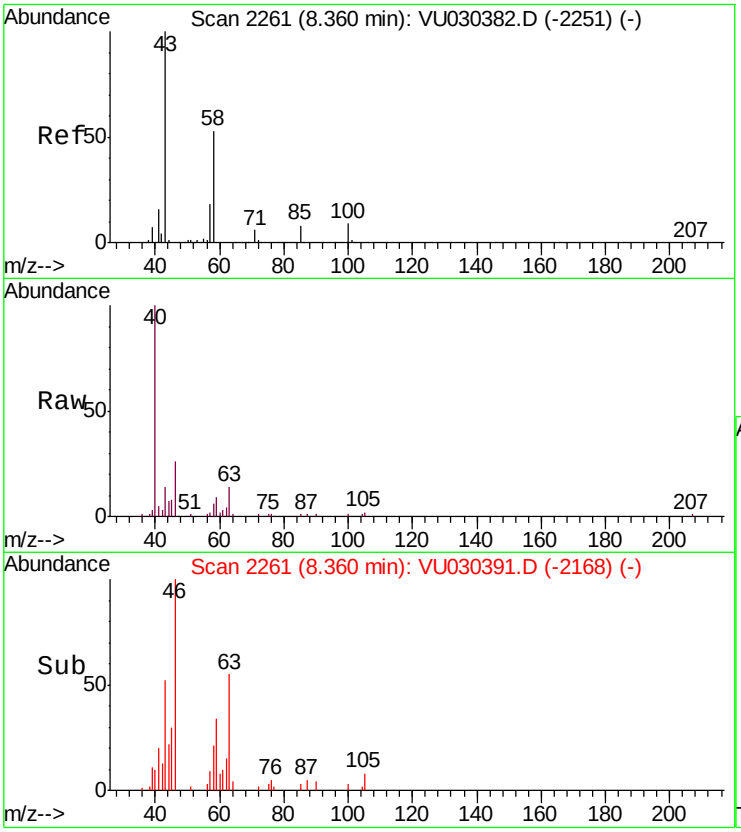


#46
Tetrachloroethene
Concen: 0.526 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion:164 Resp: 1245

Ion	Ratio	Lower	Upper
164	100		
129	94.7	68.1	126.5
131	99.2	67.7	125.7
166	142.3	92.4	171.6



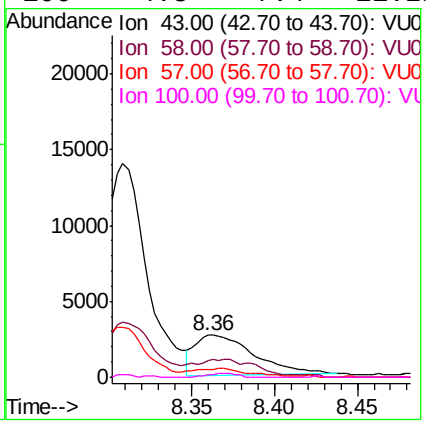


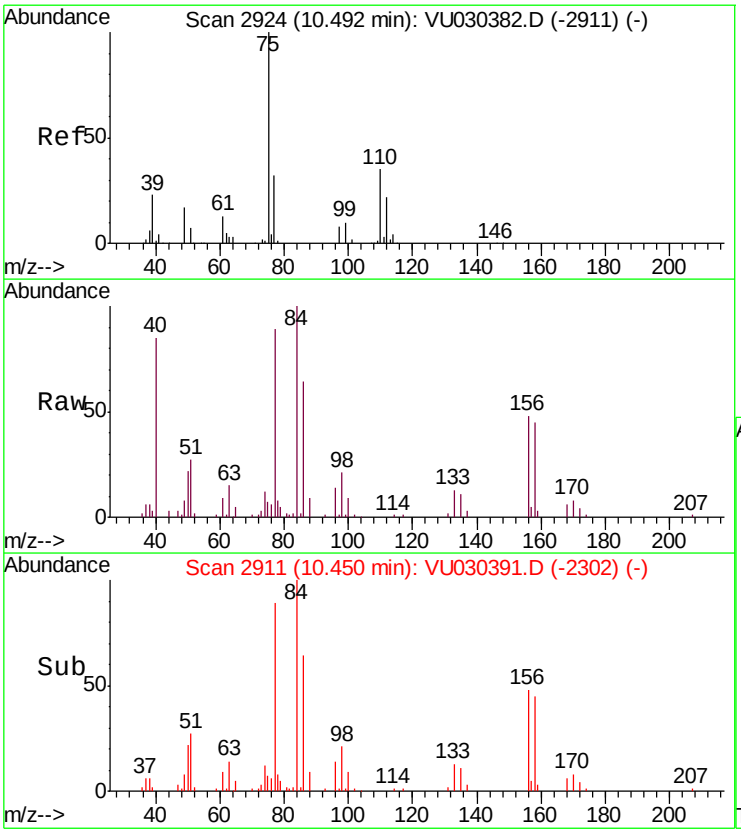
#48
2-Hexanone
Concen: 1.233 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument : MSVOA_U
ClientSampleId : C09B1

Tgt Ion: 43 Resp: 6644

Ion	Ratio	Lower	Upper
43	100		
58	2.7	42.5	63.7#
57	2.1	15.0	22.6#
100	4.8	7.4	11.2#

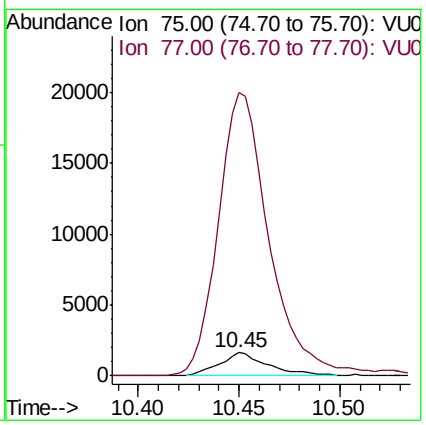


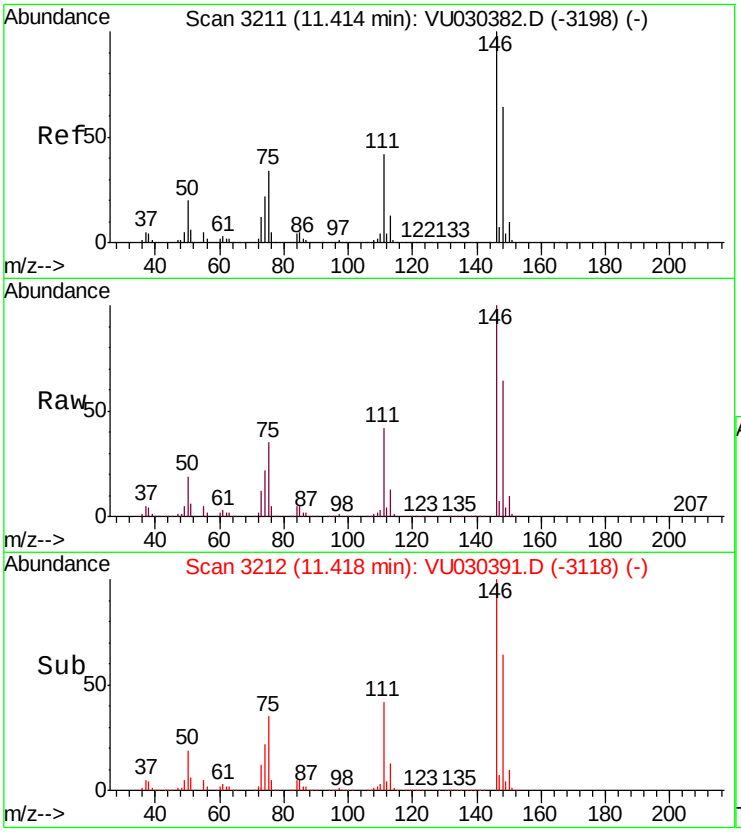


#59
1,2,3-Trichloropropane
Concen: 0.584 ug/L
RT: 10.45 min Scan# 2911
Delta R.T. -0.04 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion: 75 Resp: 2780

Ion	Ratio	Lower	Upper
75	100		
77	1268.5	25.4	38.2#



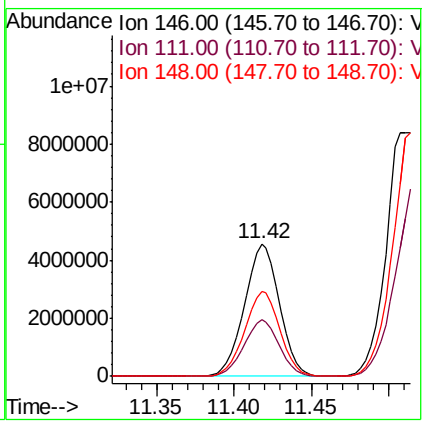


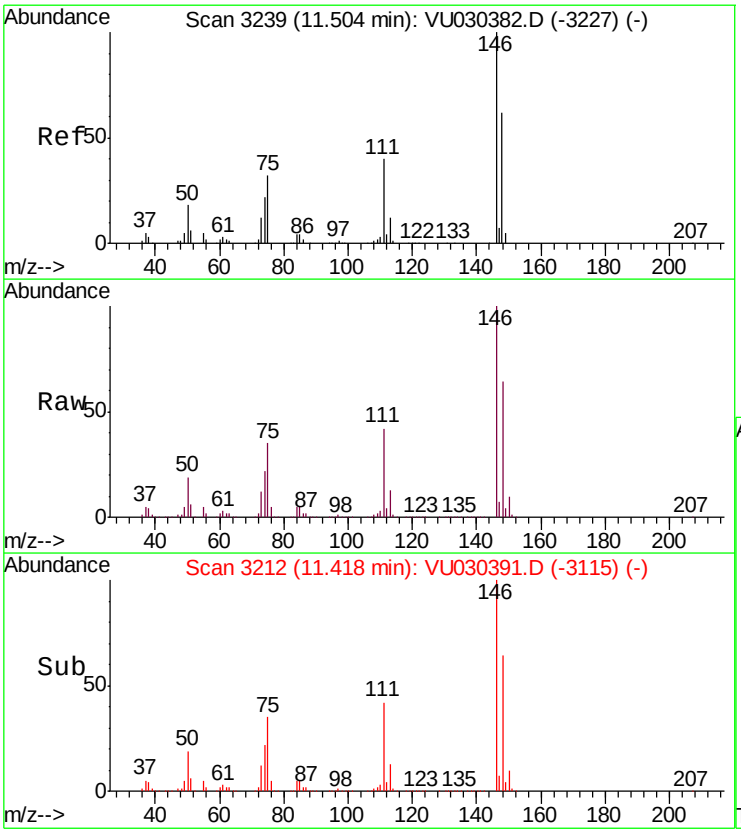
#62
1,3-Dichlorobenzene
Concen: 1028.506 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Tgt Ion:146 Resp: 7187648

Ion	Ratio	Lower	Upper
146	100		
111	42.4	29.2	54.2
148	64.2	44.4	82.4

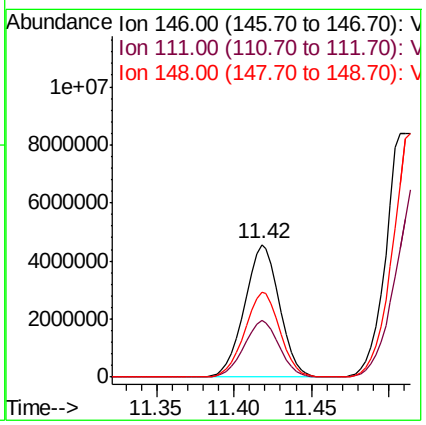


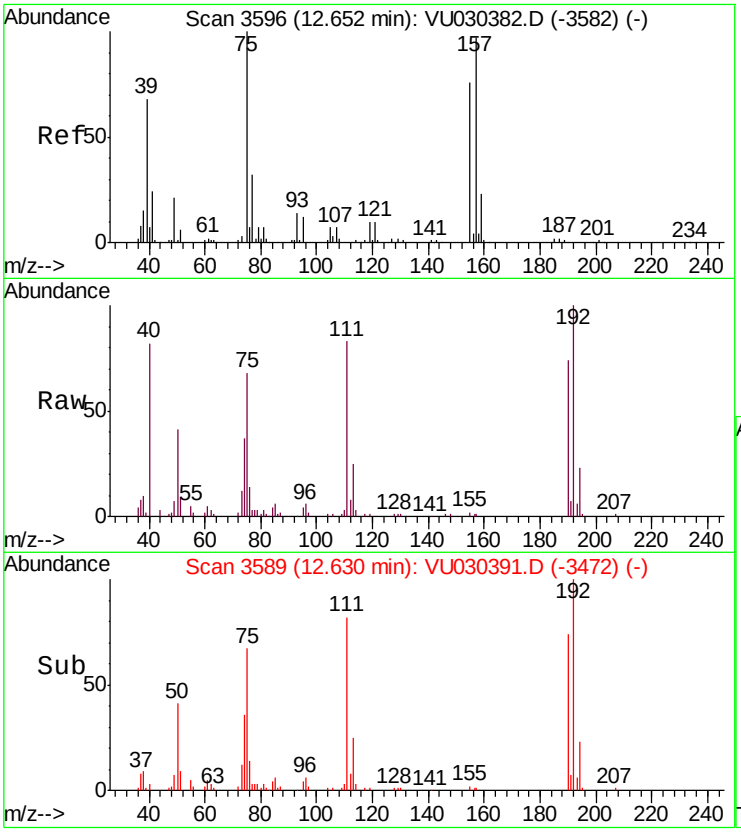


#63
1,4-Dichlorobenzene
Concen: 999.060 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. -0.09 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion:146 Resp: 7187648

Ion	Ratio	Lower	Upper
146	100		
111	42.4	28.7	53.3
148	64.2	44.3	82.3



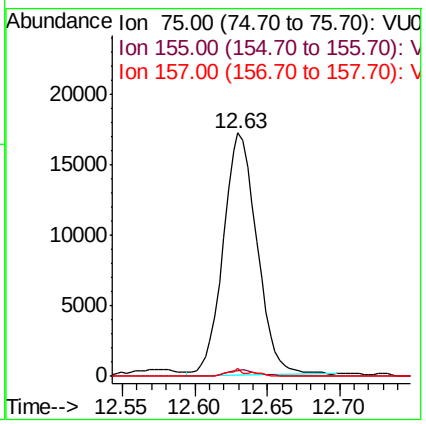


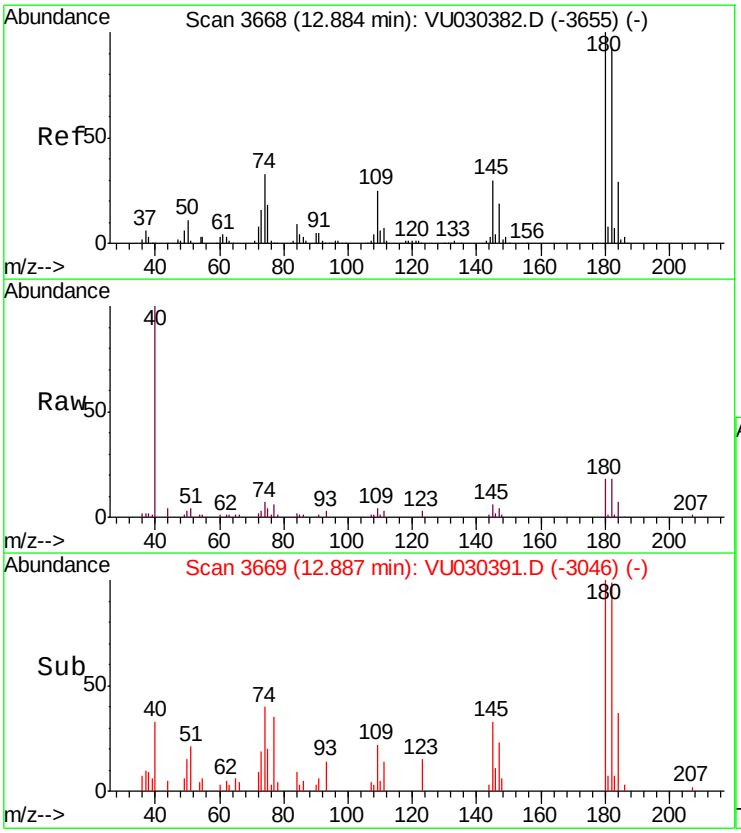
#66
1,2-Dibromo-3-chloropropane
Concen: 17.580 ug/L
RT: 12.63 min Scan# 3589
Delta R.T. -0.02 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument : MSVOA_U
ClientSampleId : C09B1

Tgt Ion: 75 Resp: 27661

Ion	Ratio	Lower	Upper
75	100		
155	2.5	61.8	92.6#
157	3.2	80.2	120.4#

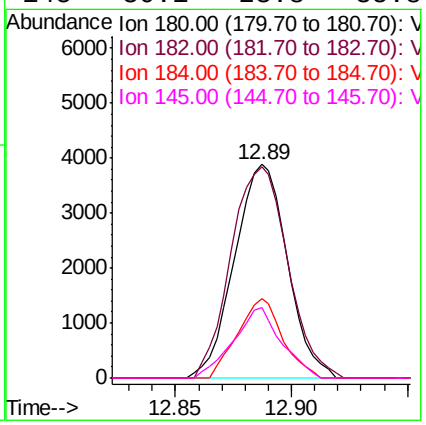


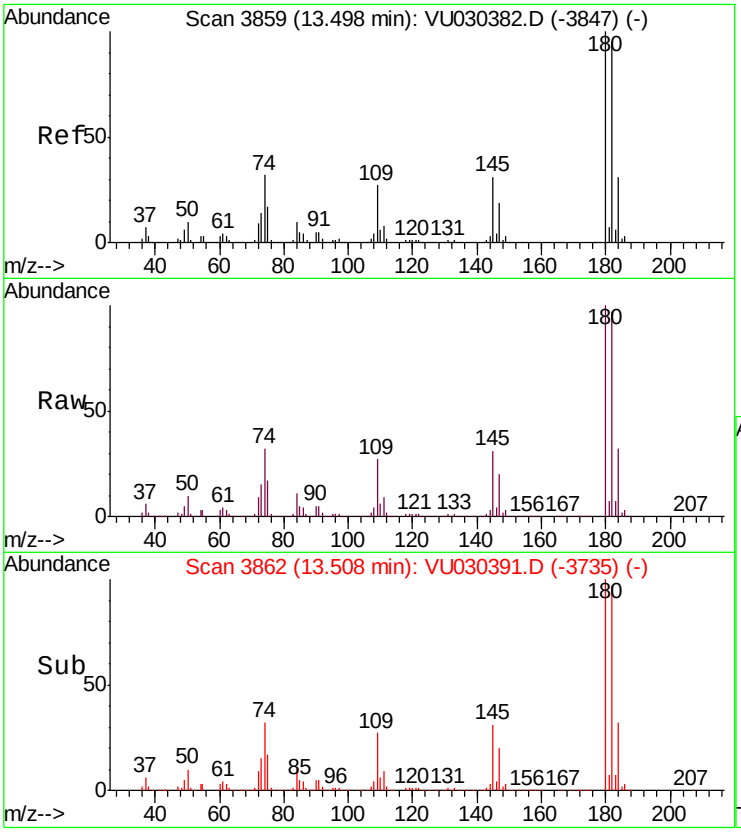


#67
1,3,5-Trichlorobenzene
Concen: 1.177 ug/L
RT: 12.89 min Scan# 3669
Delta R.T. 0.00 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion:180 Resp: 6156

Ion	Ratio	Lower	Upper
180	100		
182	105.9	75.9	113.9
184	31.6	24.1	36.1
145	30.1	23.8	35.8



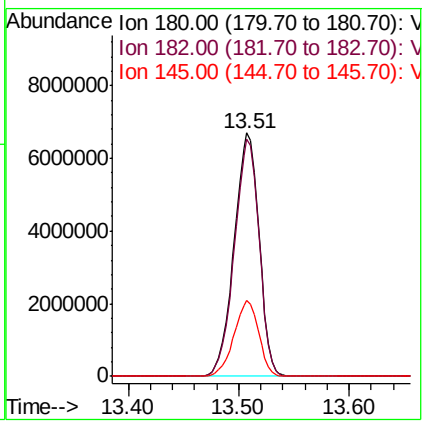


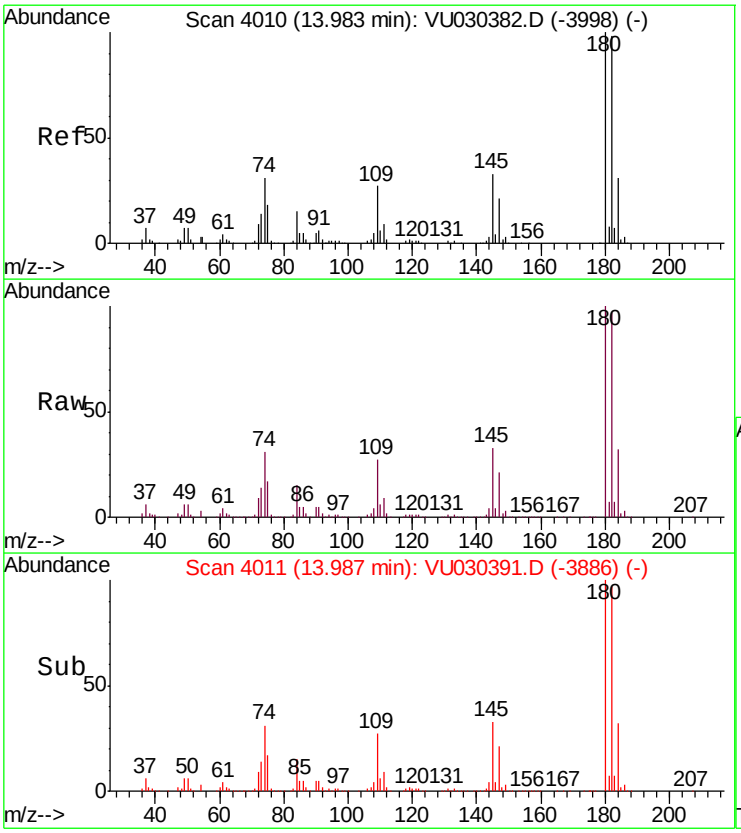
#68
1,2,4-trichlorobenzene
Concen: 2307.648 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Instrument :
MSVOA_U
ClientSampleId :
C09B1

Tgt Ion:180 Resp:10489895

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.1	114.1
145	30.8	24.5	36.7





#70
1,2,3-Trichlorobenzene
Concen: 876.256 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU030391.D
Acq: 25 Mar 2019 02:03

Tgt Ion:180 Resp: 4206082

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.4	116.2
145	32.6	25.9	38.9