Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Time: Apr 11 05:25:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	504284	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	490355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216265	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	228650	50.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.58%			
7) Chloroethane-d5	1.68	69	183015	53.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.14%			
11) 1,1-Dichloroethene-d2	2.27	63	309342	37.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.98%			
21) 2-Butanone-d5	4.17	46	383017	107.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.35%			
24) Chloroform-d	4.64	84	364610	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.04%			
26) 1,2-Dichloroethane-d4	5.31	65	250001	53.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.56%			
32) Benzene-d6	5.34	84	759685	53.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.14%			
36) 1,2-Dichloropropane-d6	6.32	67	257935	52.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.16%			
41) Toluene-d8	7.56	98	659320	51.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.92%			
43) trans-1,3-Dichloropropene-	7.85	79	106068	47.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.84%			
47) 2-Hexanone-d5	8.31	63	233576	104.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.17%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	345065	52.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.30%			
64) 1,2-Dichlorobenzene-d4	11.85	152	247586	58.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.42%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	26444	4.768	ug/L #	1
8) Chloroethane	1.40	64	116240	36.746	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2309	0.639	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	3808	1.092	ug/L #	1
13) Acetone	2.31	43	23279	6.376	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	5494	1.484	ug/L	87
20) cis-1,2-Dichloroethene	4.22	96	1209642	295.989	ug/L	94
25) Chloroform	4.66	83	10739	1.399	ug/L	93
29) Cyclohexane	4.99	56	5277	0.755	ug/L #	92
34) Trichloroethene	6.18	95	773416	196.513	ug/L	97
35) Methylcyclohexane	6.41	83	6815	1.122	ug/L #	86
42) Toluene	7.64	91	27848	1.700	ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	4738	0.831	ug/L	89
46) Tetrachloroethene	8.22	164	103706	36.244	ug/L	99
48) 2-Hexanone	8.37	43	9921	1.740	ug/L #	65
52) Ethylbenzene	9.25	91	17889	1.002	ug/L	97
56) Isopropylbenzene	10.16	105	26909	1.650	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Time: Apr 11 05:25:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	28383	5.216	ug/L	99
69) Naphthalene	13.74	128	250621	18.203	ug/L	100

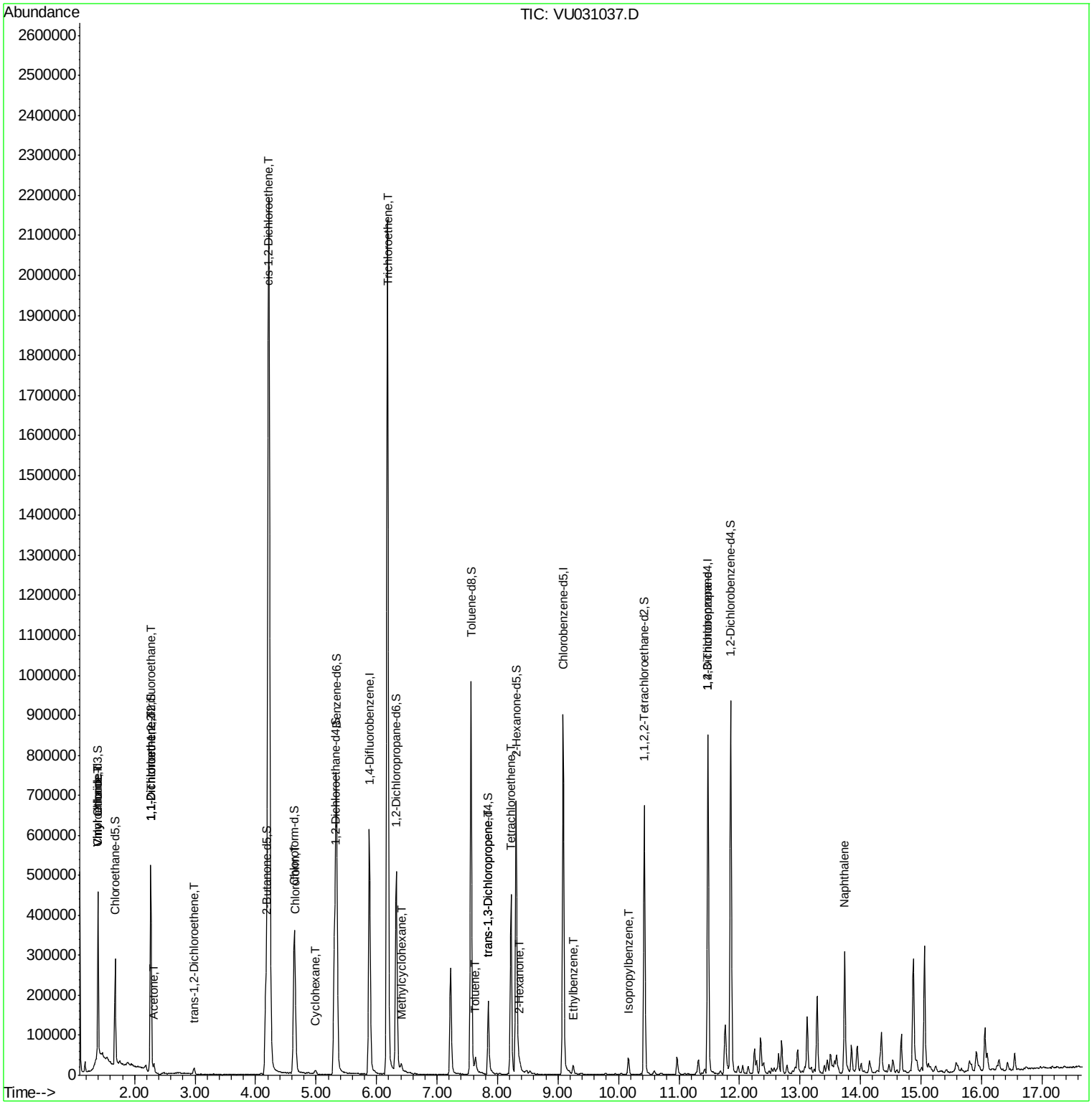
(#) = qualifier out of range (m) = manual integration (+) = signals summed

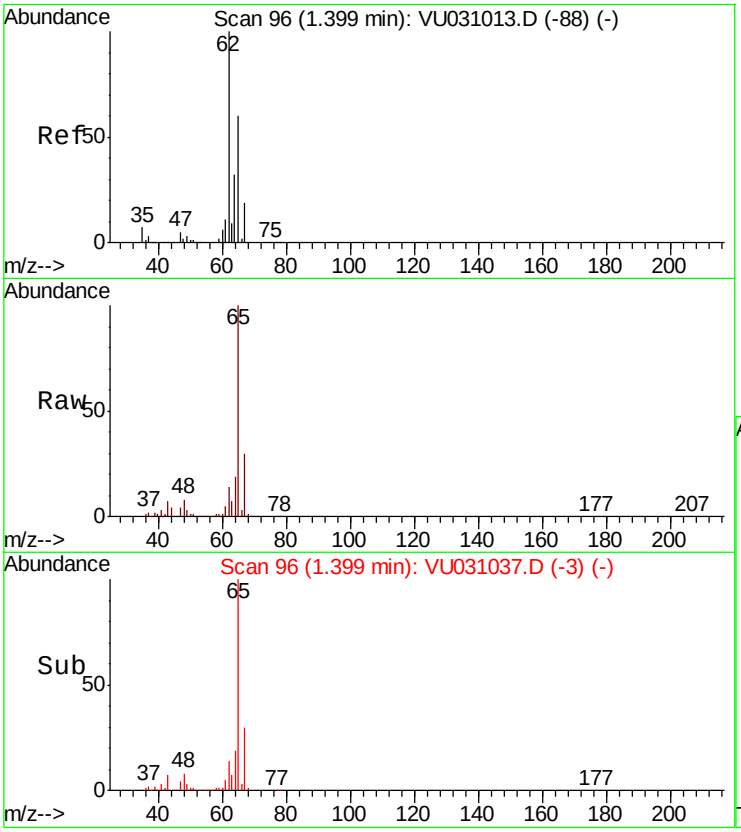
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031037.D
Acq On : 11 Apr 2019 01:17
Operator : JC/SP
Sample : K2299-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Quant Time: Apr 11 05:25:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration



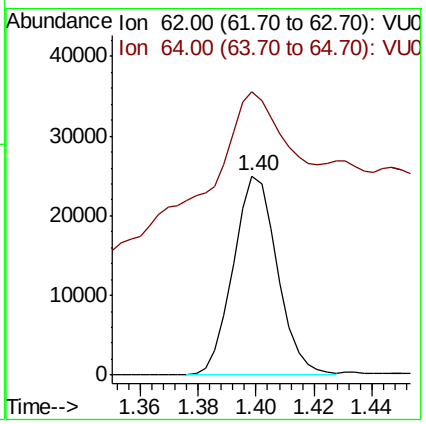


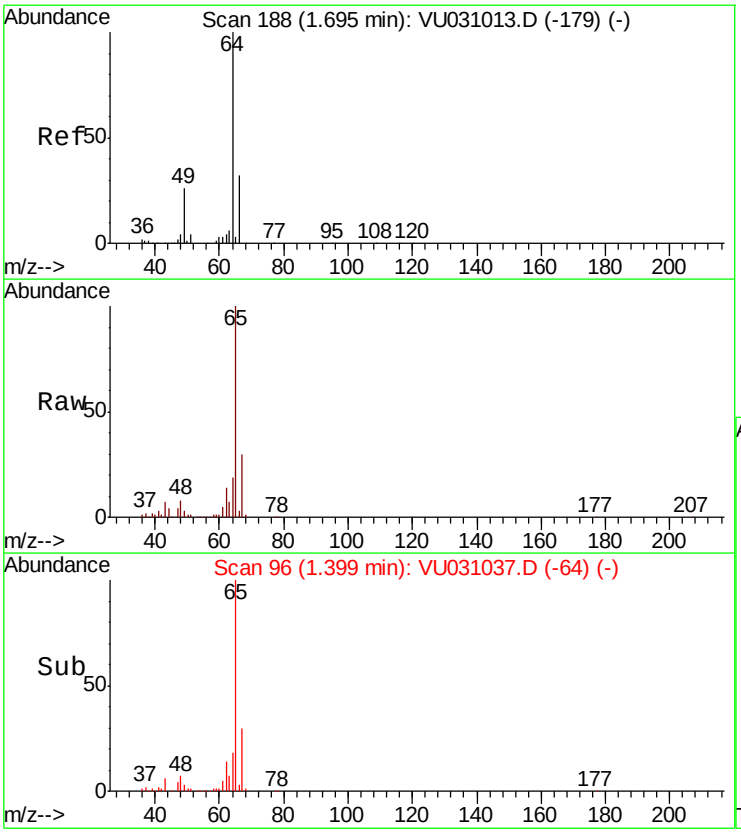
#5
Vinyl chloride
Concen: 4.768 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument :
MSVOA_U
ClientSampleId :
DB6Z8

Tgt Ion: 62 Resp: 26444

Ion	Ratio	Lower	Upper
62	100		
64	142.1	21.5	39.9#

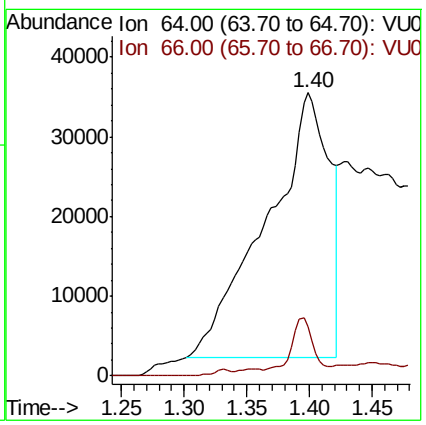


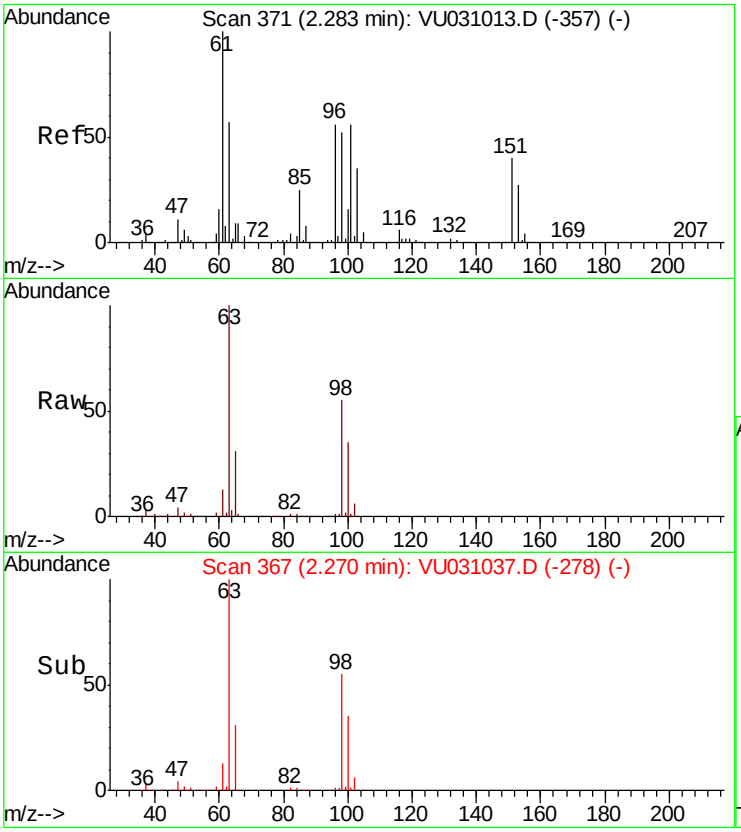


#8
Chloroethane
Concen: 36.746 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.30 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 64 Resp: 116240

Ion	Ratio	Lower	Upper
64	100		
66	17.3	22.4	41.6#



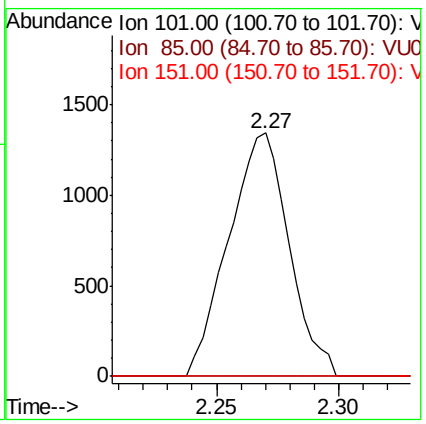


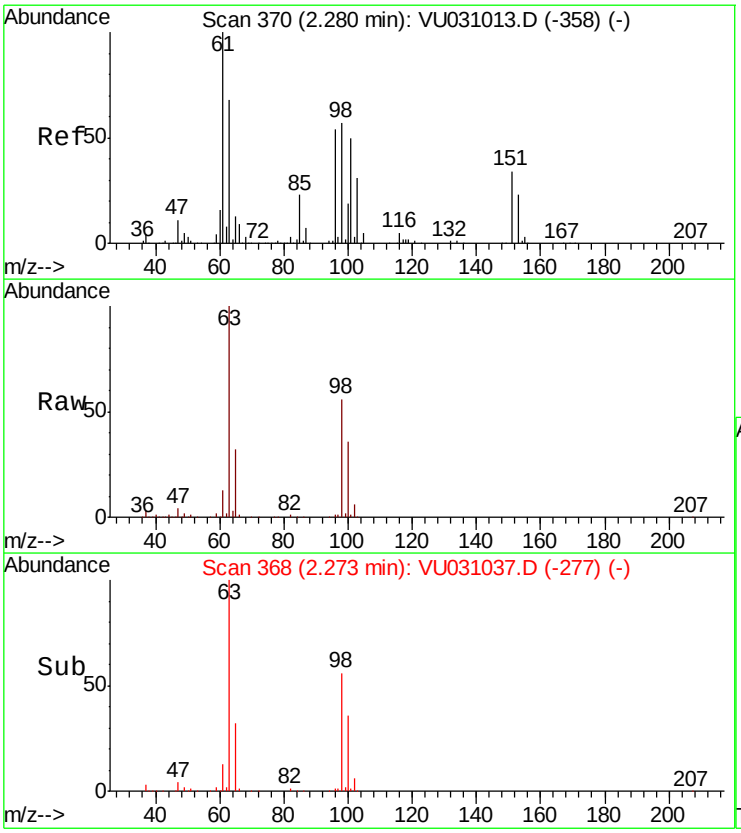
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.639 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Tgt Ion:101 Resp: 2309

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	57.4	86.0#

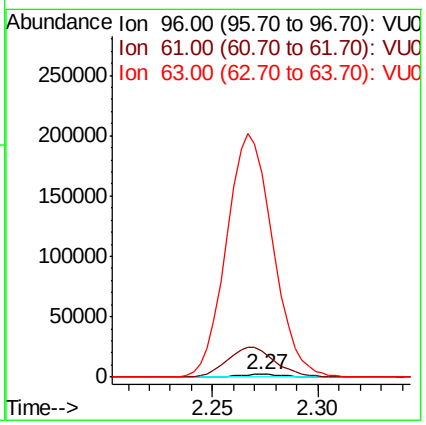


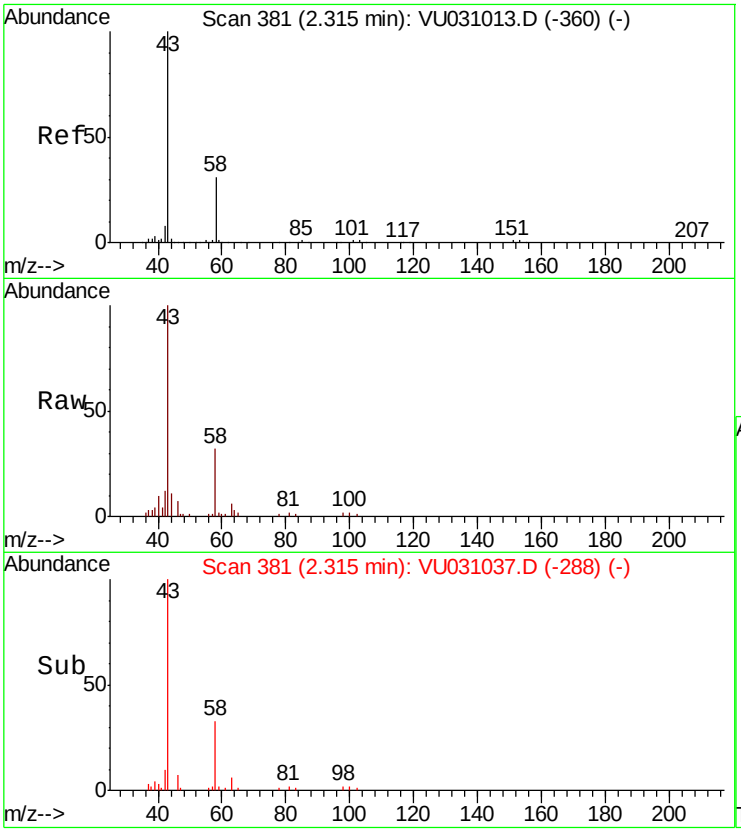


#12
1,1-Dichloroethene
Concen: 1.092 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 96 Resp: 3808

Ion	Ratio	Lower	Upper
96	100		
61	1001.2	132.0	245.2#
63	7878.5	90.9	168.9#



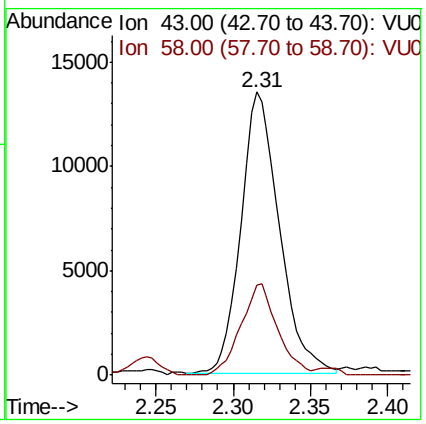


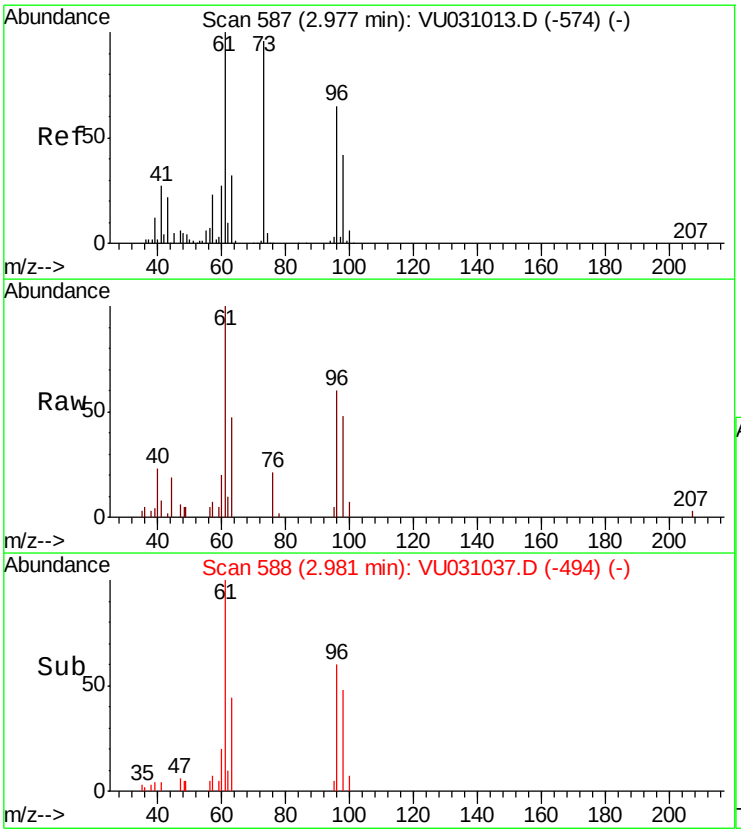
#13
Acetone
Concen: 6.376 ug/L
RT: 2.31 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Tgt Ion: 43 Resp: 23279

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	64.0

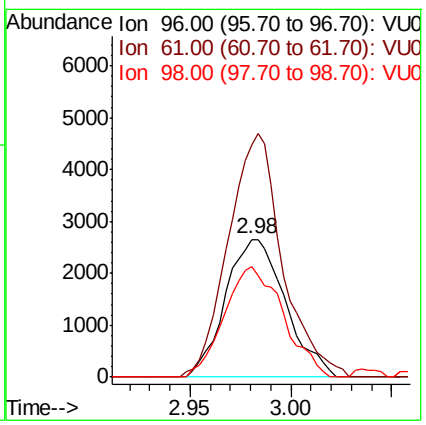


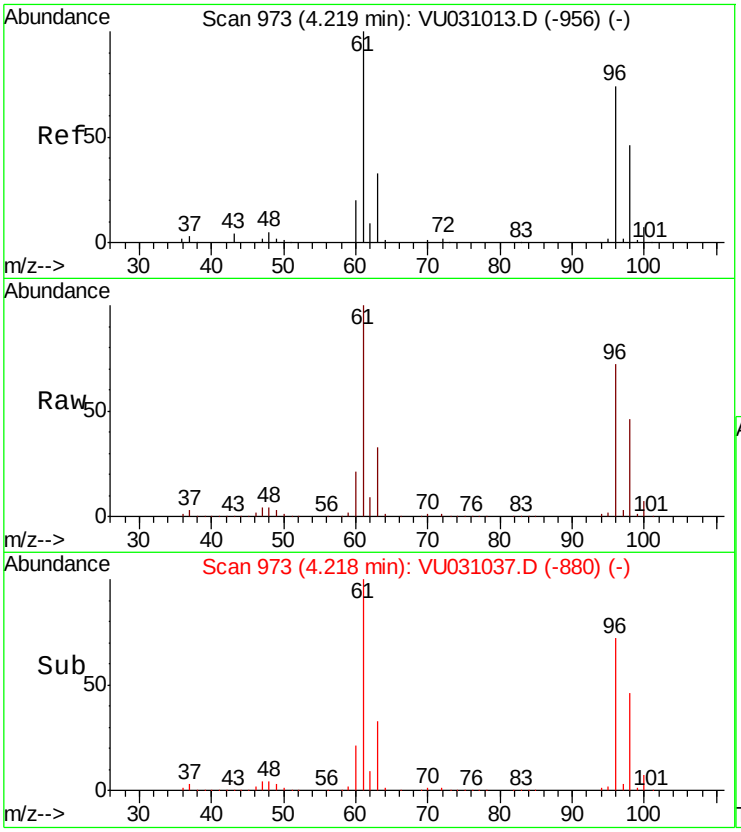


#17
trans-1,2-Dichloroethene
Concen: 1.484 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 96 Resp: 5494

Ion	Ratio	Lower	Upper
96	100		
61	168.0	109.5	203.3
98	80.5	44.0	81.6



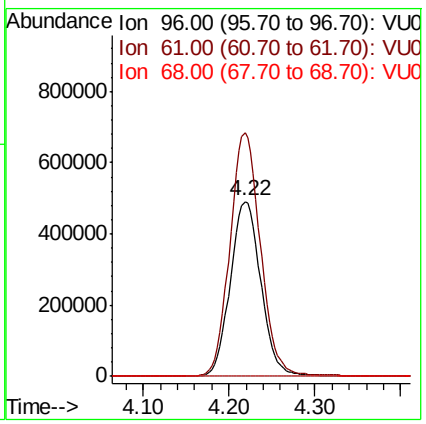


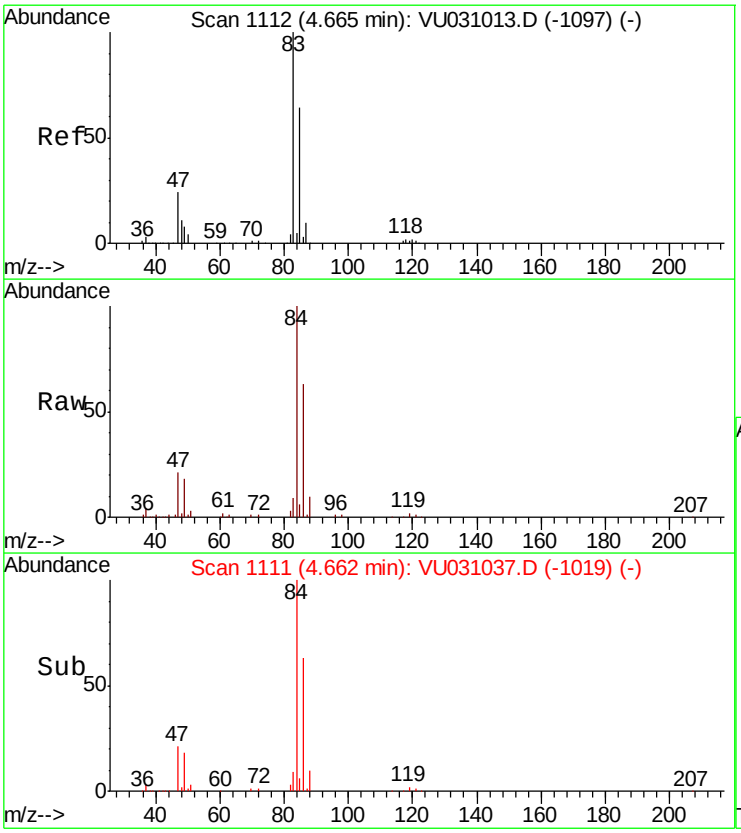
#20
cis-1,2-Dichloroethene
Concen: 295.989 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument :
MSVOA_U
ClientSampleId :
DB6Z8

Tgt Ion: 96 Resp: 1209642

Ion	Ratio	Lower	Upper
96	100		
61	139.0	102.9	191.1
68	0.0	0.0	0.0

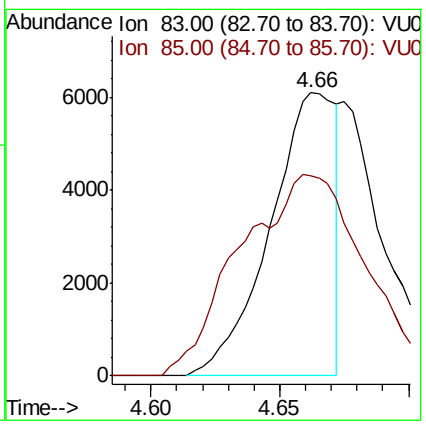


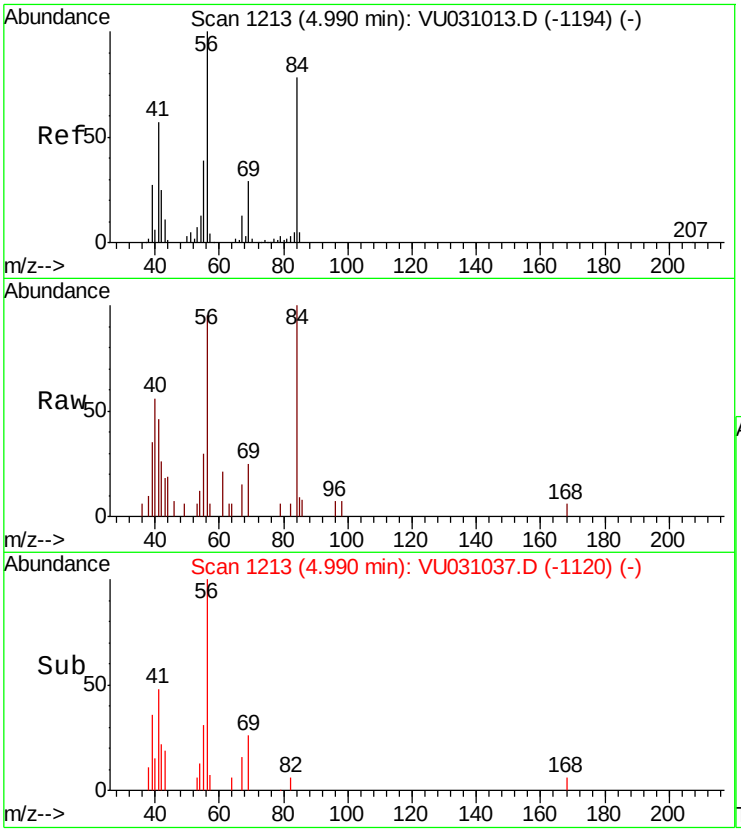


#25
Chloroform
Concen: 1.399 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 83 Resp: 10739

Ion	Ratio	Lower	Upper
83	100		
85	70.8	45.8	85.0



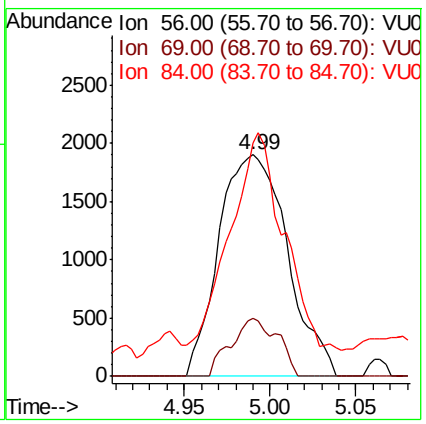


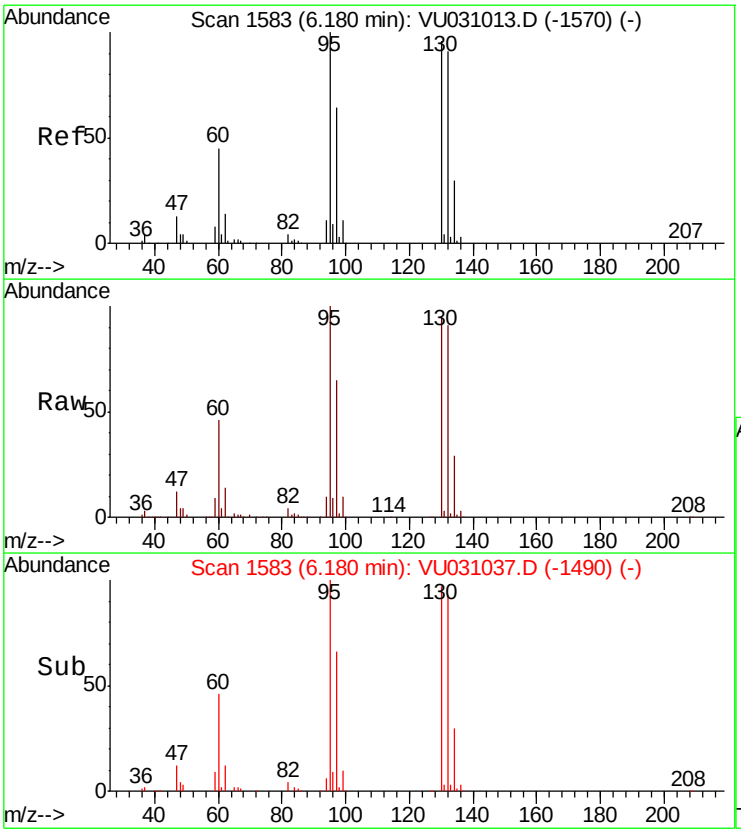
#29
Cyclohexane
Concen: 0.755 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Tgt Ion: 56 Resp: 5277

Ion	Ratio	Lower	Upper
56	100		
69	13.8	22.0	33.0#
84	73.1	58.2	87.2

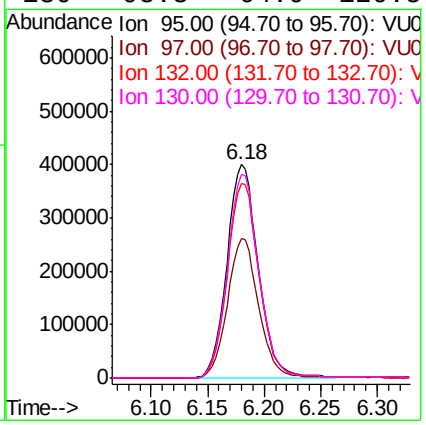


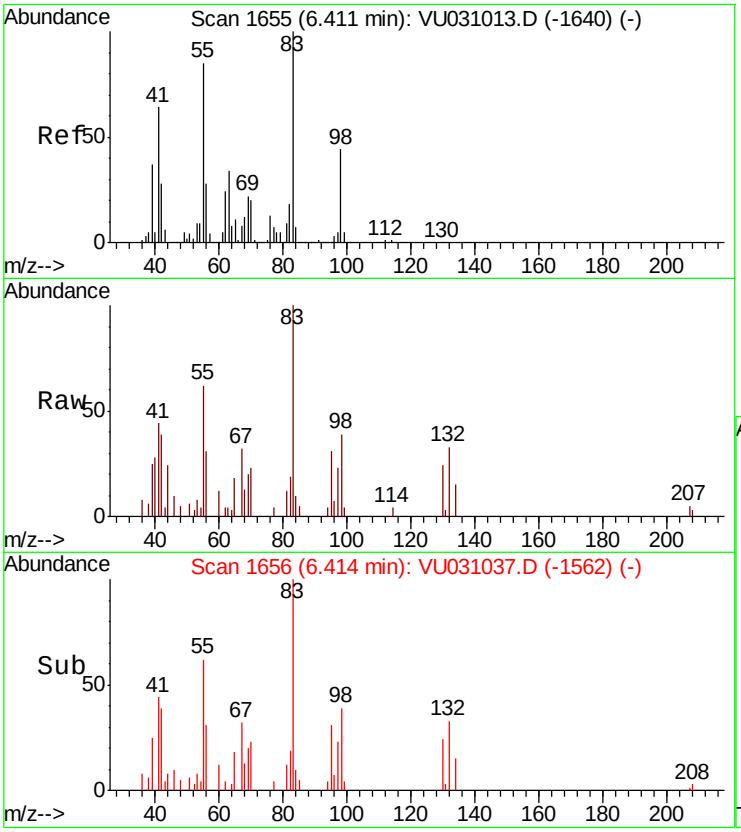


#34
Trichloroethene
Concen: 196.513 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 95 Resp: 773416

Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.5	82.7
132	91.2	61.5	114.1
130	95.3	64.9	120.5



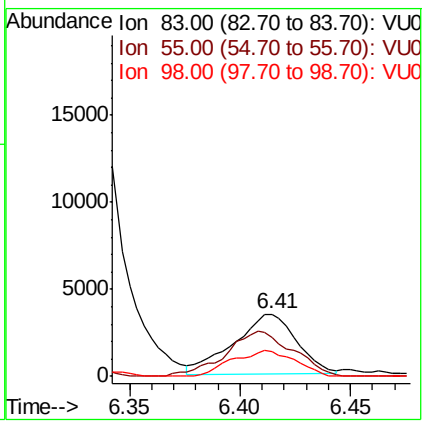


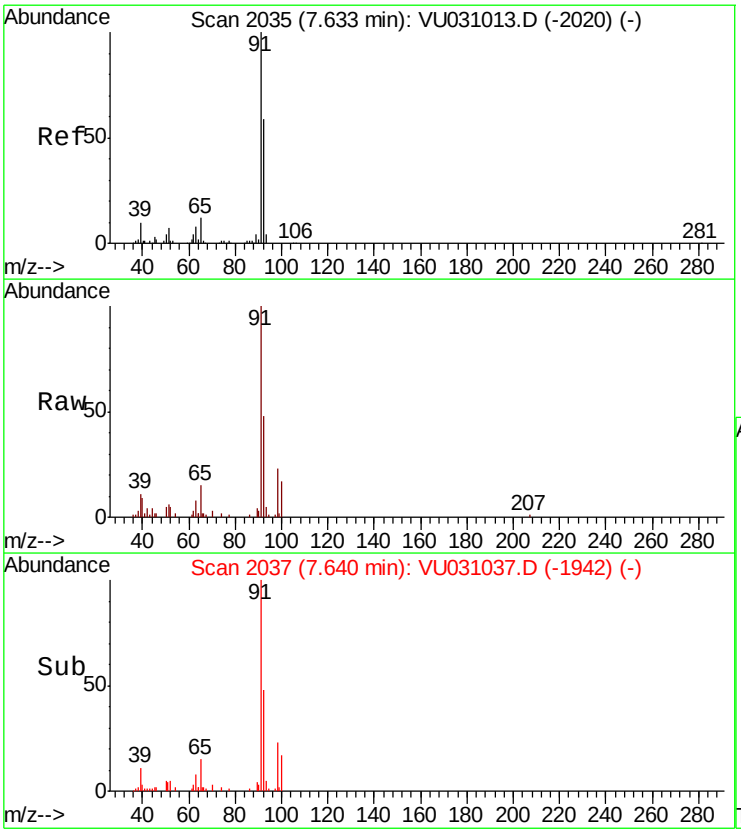
#35
Methylcyclohexane
Concen: 1.122 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Tgt Ion: 83 Resp: 6815

Ion	Ratio	Lower	Upper
83	100		
55	79.7	71.6	107.4
98	29.6	35.4	53.0#

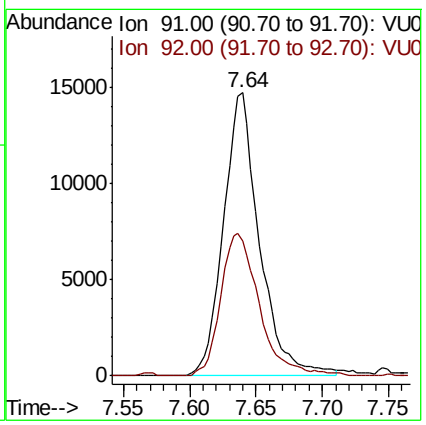


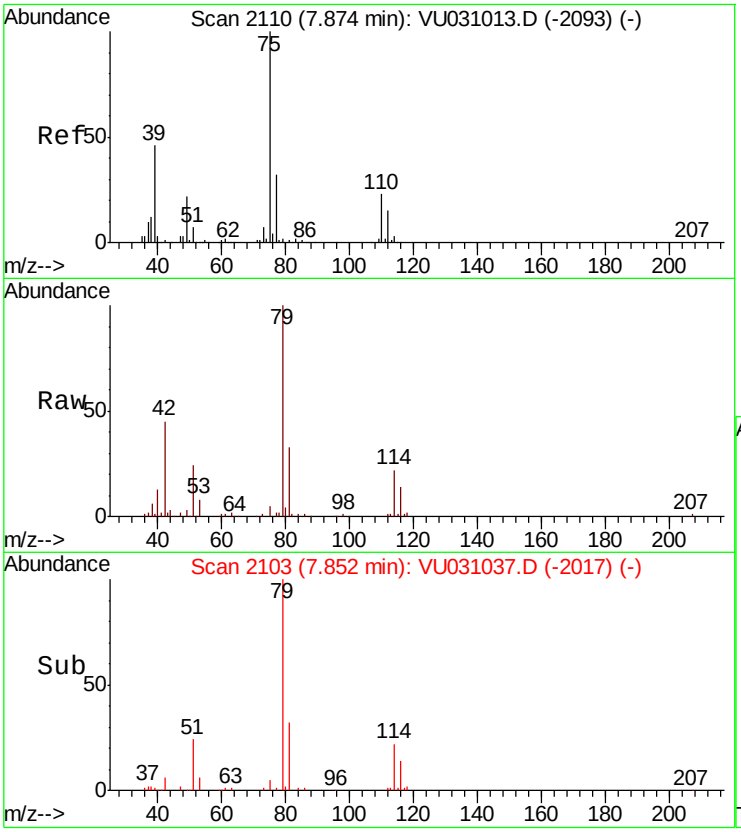


#42
Toluene
Concen: 1.700 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 91 Resp: 27848

Ion	Ratio	Lower	Upper
91	100		
92	47.7	40.0	74.4



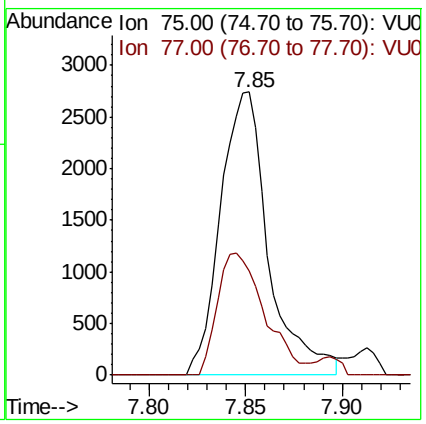


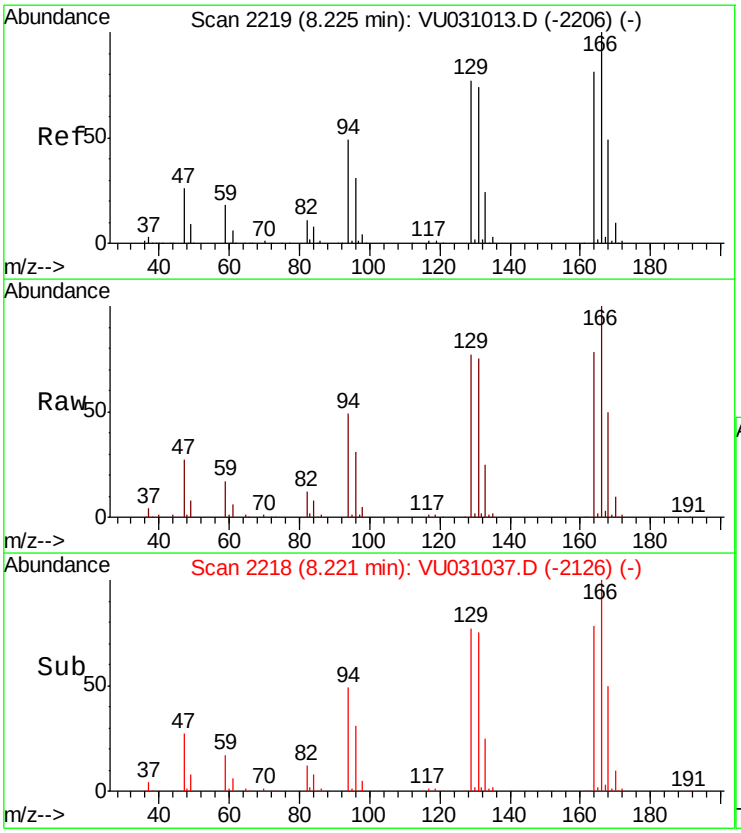
#44
trans-1,3-Dichloropropene
Concen: 0.831 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument :
MSVOA_U
ClientSampleId :
DB6Z8

Tgt Ion: 75 Resp: 4738

Ion	Ratio	Lower	Upper
75	100		
77	36.7	21.6	40.0

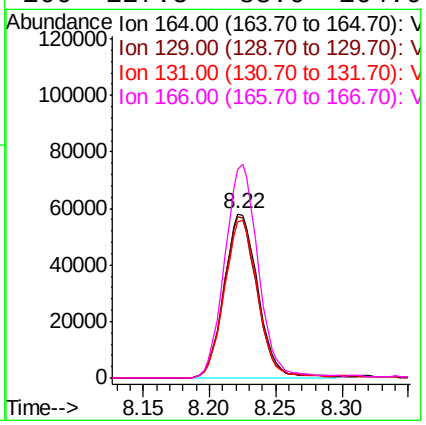


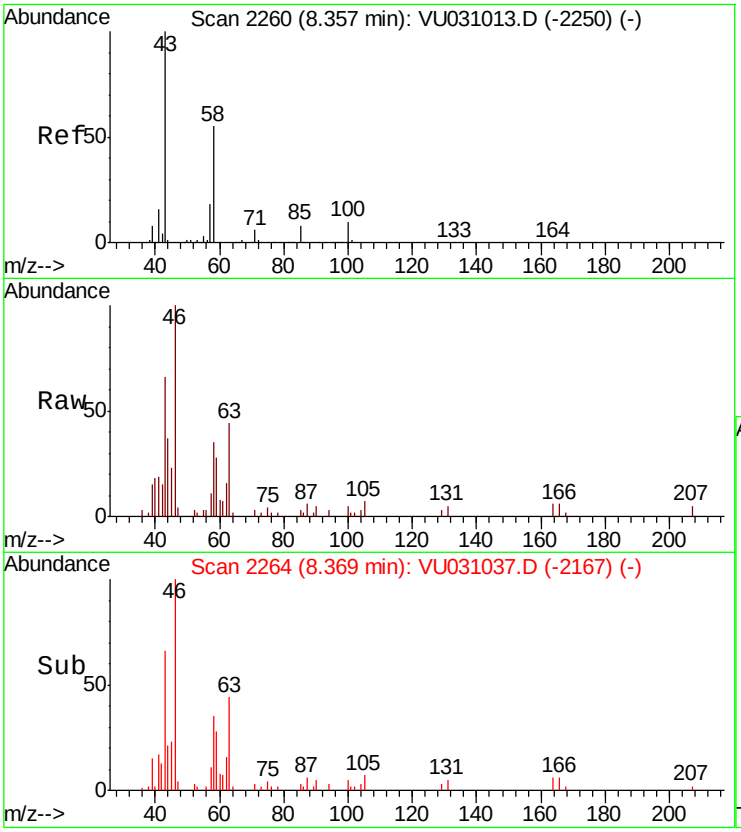


#46
Tetrachloroethene
Concen: 36.244 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion:164 Resp: 103706

Ion	Ratio	Lower	Upper
164	100		
129	98.6	67.4	125.2
131	95.2	65.9	122.5
166	127.5	88.6	164.6



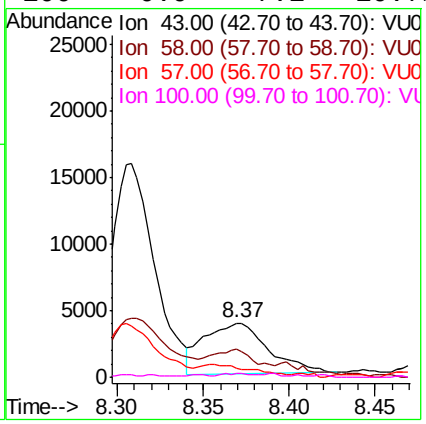


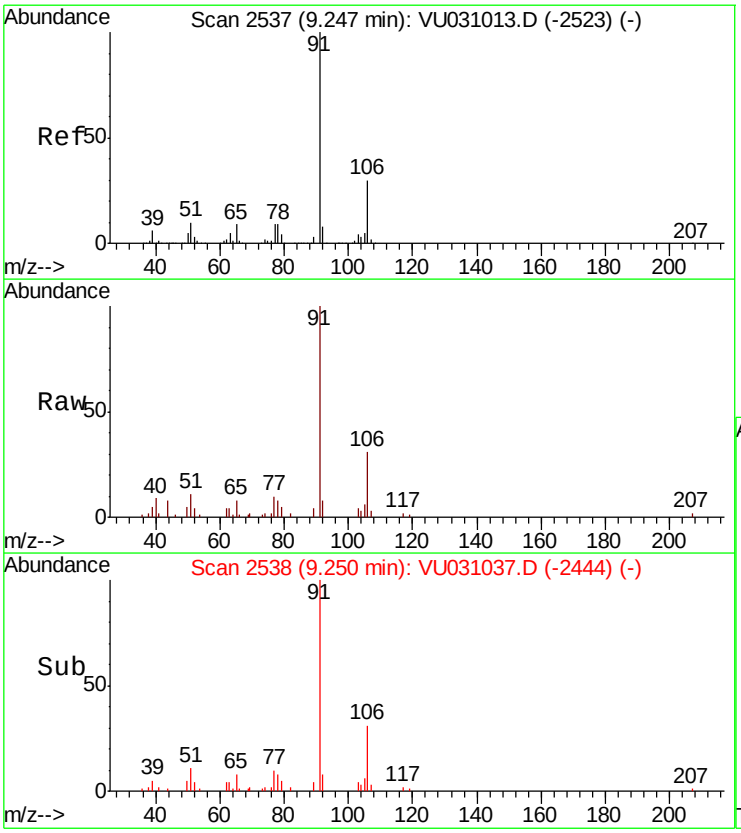
#48
2-Hexanone
Concen: 1.740 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument : MSVOA_U
ClientSampleId : DB6Z8

Tgt Ion: 43 Resp: 9921

Ion	Ratio	Lower	Upper
43	100		
58	27.1	41.9	62.9#
57	0.0	14.3	21.5#
100	0.9	7.1	10.7#

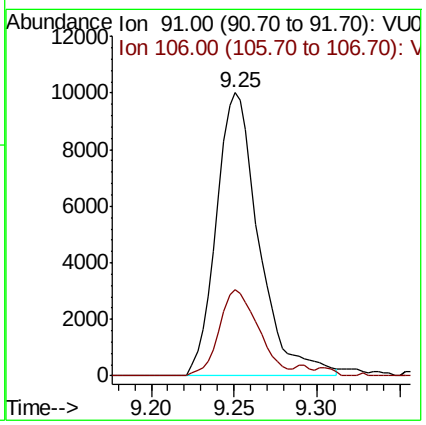


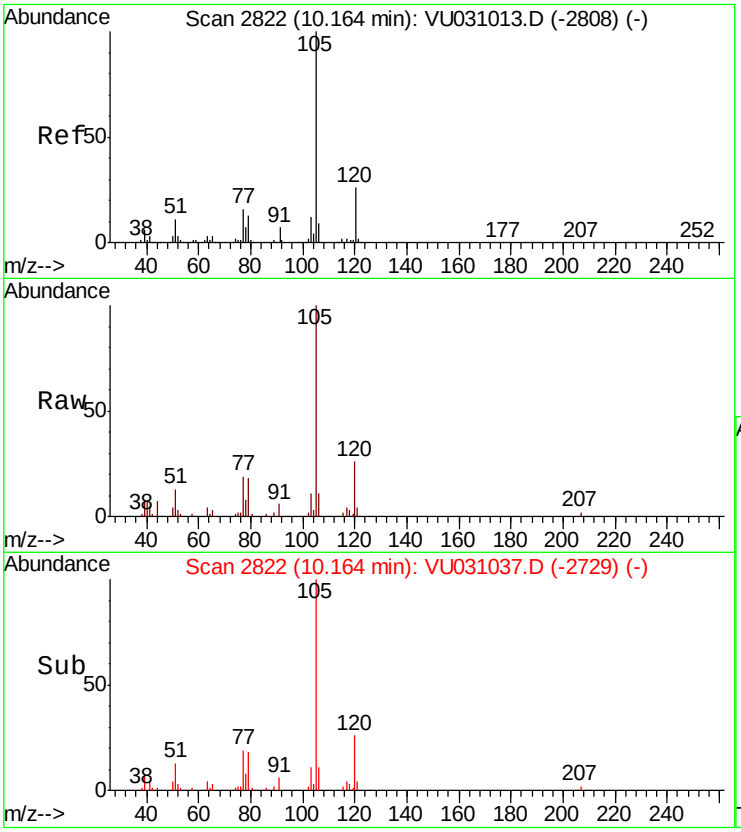


#52
Ethylbenzene
Concen: 1.002 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 91 Resp: 17889

Ion	Ratio	Lower	Upper
91	100		
106	30.7	20.4	37.8



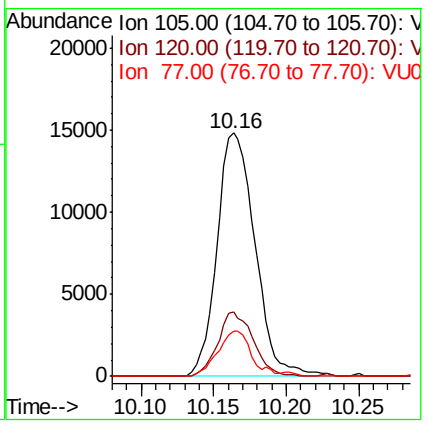


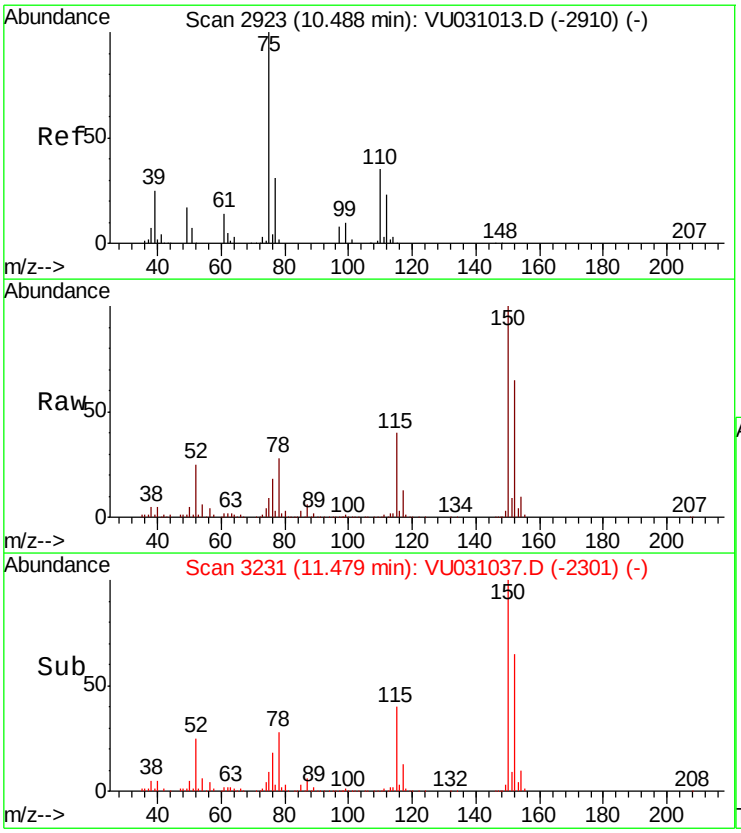
#56
Isopropylbenzene
Concen: 1.650 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument :
MSVOA_U
ClientSampleId :
DB6Z8

Tgt Ion:105 Resp: 26909

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.4	30.6
77	15.5	13.4	20.2

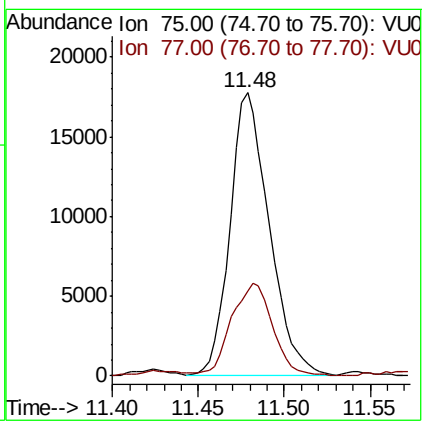


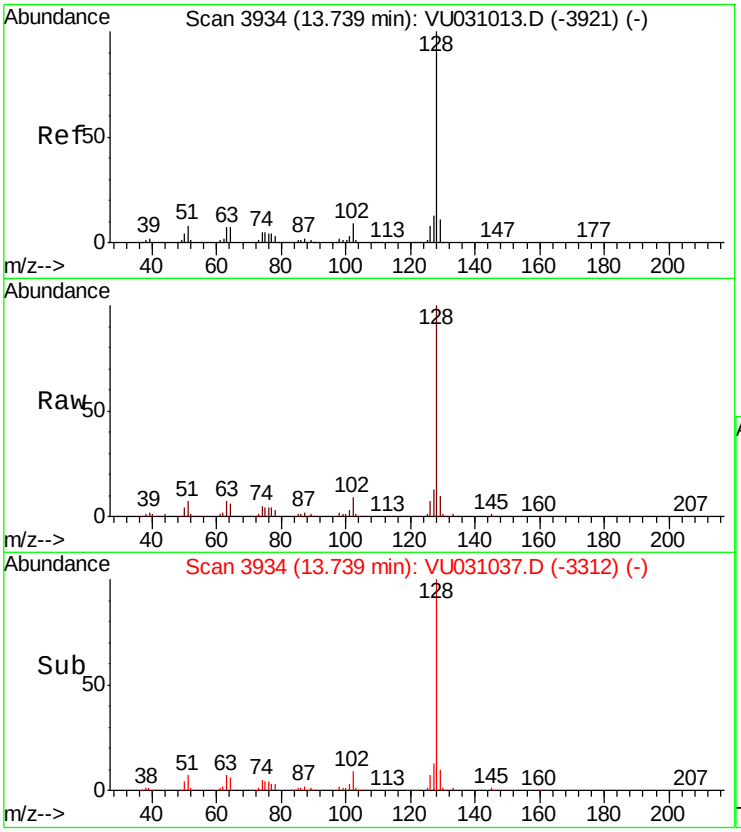


#59
1,2,3-Trichloropropane
Concen: 5.216 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Tgt Ion: 75 Resp: 28383

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.1	39.1





#69
Naphthalene
Concen: 18.203 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VU031037.D
Acq: 11 Apr 2019 01:17

Instrument :
MSVOA_U
ClientSampleId :
DB6Z8

Tgt Ion:128 Resp: 250621

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	12.8