Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (Not Reviewed)

Data File : VU031621.D
Acq On : 30 Apr 2019 05:28
Operator : JC/SP
Sample : K2593-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X74

Quant Time: Apr 30 05:49:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	633816	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	637103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230634	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	323405	60.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 121.94%			
7) Chloroethane-d5	1.68	69	240065	58.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.12%			
11) 1,1-Dichloroethene-d2	2.27	63	449607	42.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.12%			
21) 2-Butanone-d5	4.18	46	588421	122.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.43%			
24) Chloroform-d	4.64	84	505921	52.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.16%			
26) 1,2-Dichloroethane-d4	5.31	65	360476	56.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.58%			
32) Benzene-d6	5.34	84	1009219	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.18%			
36) 1,2-Dichloropropane-d6	6.33	67	376268	54.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.34%			
41) Toluene-d8	7.56	98	835778	49.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.10%			
43) trans-1,3-Dichloropropene-	7.85	79	146182	49.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.96%			
47) 2-Hexanone-d5	8.31	63	342259	114.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.88%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	456233	49.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.78%			
64) 1,2-Dichlorobenzene-d4	11.86	152	248981	51.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.66%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	1048413	116.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3643	0.717	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	6472	1.309	ug/L #	1
16) Methylene chloride	2.70	84	68589	11.753	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	12563	2.438	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	101604	18.382	ug/L	89
25) Chloroform	4.67	83	22283	2.147	ug/L	98
27) 1,2-Dichloroethane	5.41	62	9517	1.129	ug/L	97
31) Carbon tetrachloride	5.13	117	9349	1.225	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	8969	1.021	ug/L #	62
40) 4-Methyl-2-pentanone	7.47	43	31416	3.071	ug/L	99
42) Toluene	7.63	91	237383	10.174	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	16004	2.919	ug/L	95
46) Tetrachloroethene	8.22	164	306211	79.106	ug/L	95
48) 2-Hexanone	8.36	43	21182	2.560	ug/L #	87
52) Ethylbenzene	9.26	91	11303	0.467	ug/L	93
53) m,p-Xylene	9.38	106	16979	2.013	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (Not Reviewed)

Data File : VU031621.D
Acq On : 30 Apr 2019 05:28
Operator : JC/SP
Sample : K2593-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X74

Quant Time: Apr 30 05:49:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-xylene	9.78	106	8269	0.989	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	34163	4.333	ug/L	91

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

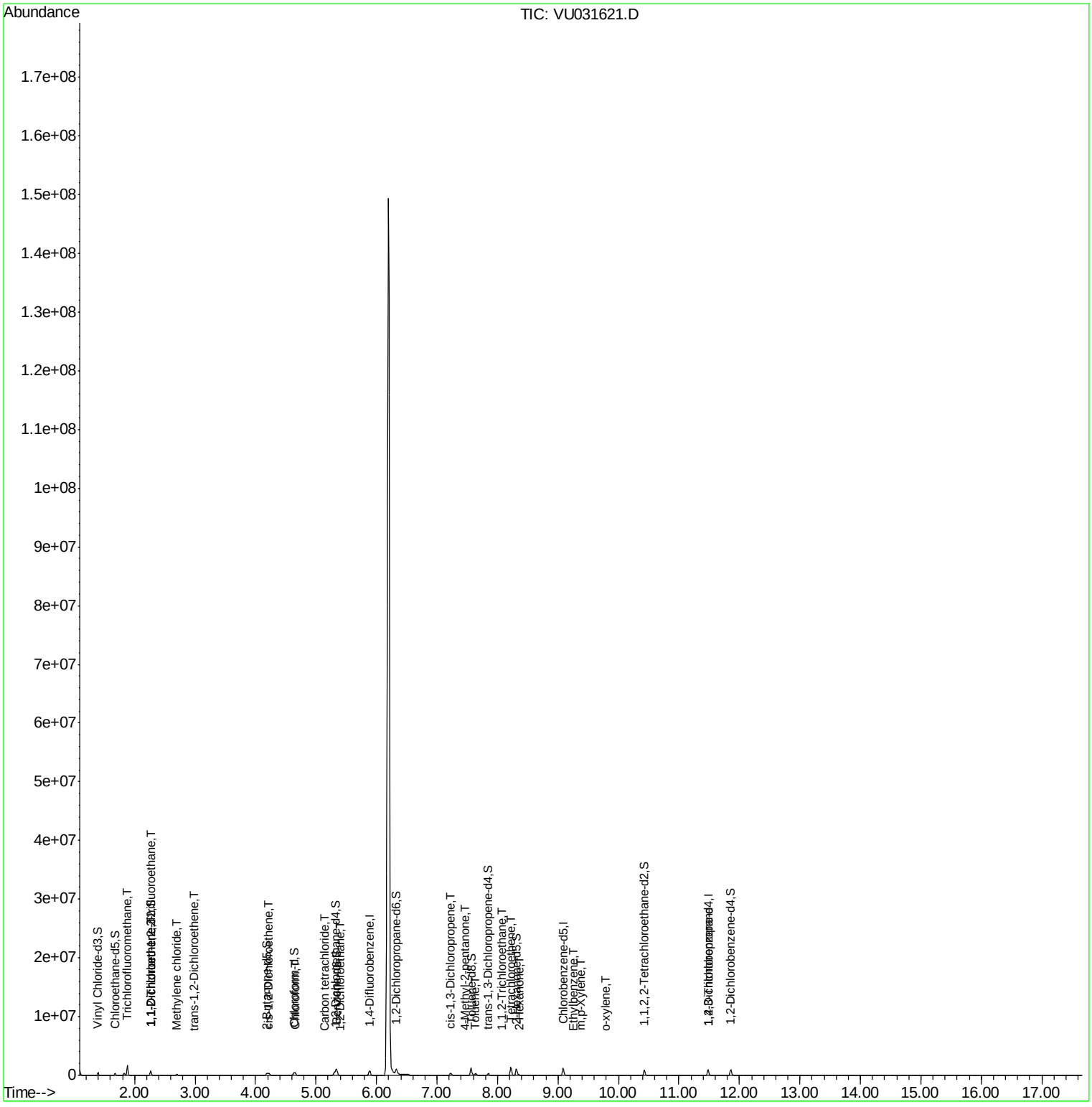
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

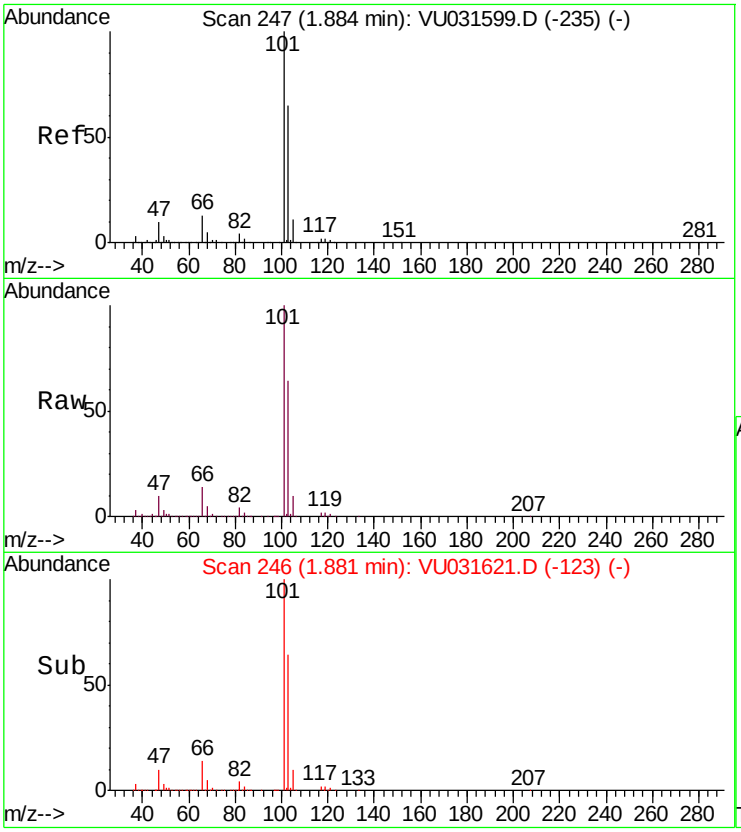
Quantitation Report (Not Reviewed)

Data File : VU031621.D
Acq On : 30 Apr 2019 05:28
Operator : JC/SP
Sample : K2593-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X74

Quant Time: Apr 30 05:49:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration



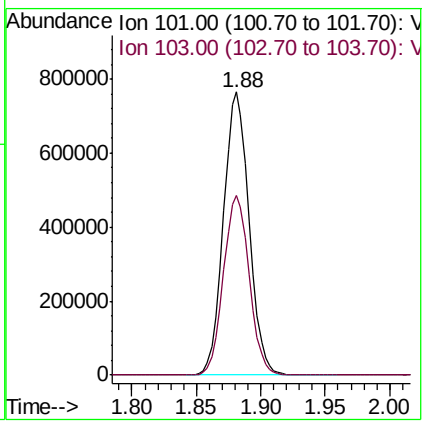


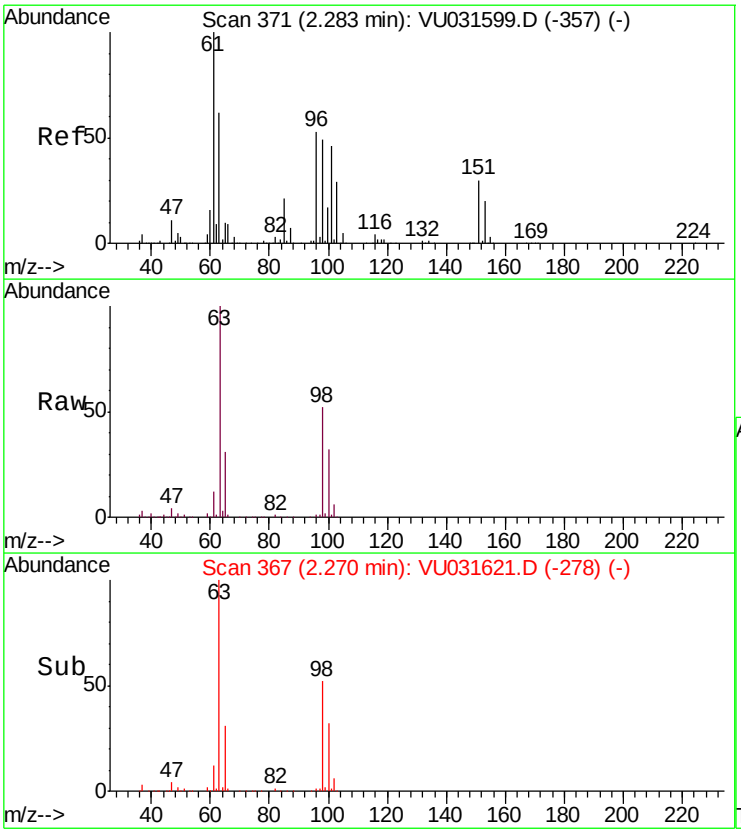
#9
Trichlorofluoromethane
Concen: 116.653 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument :
MSVOA_U
ClientSampleId :
C0X74

Tgt Ion:101 Resp: 1048413

Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.8	76.2

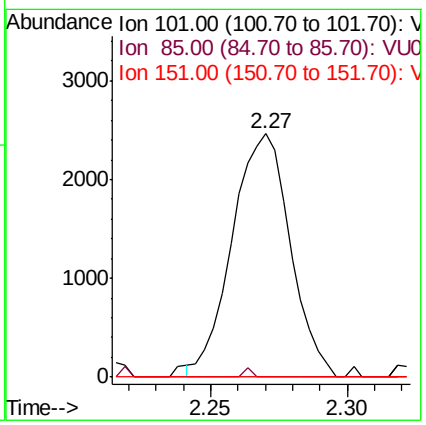


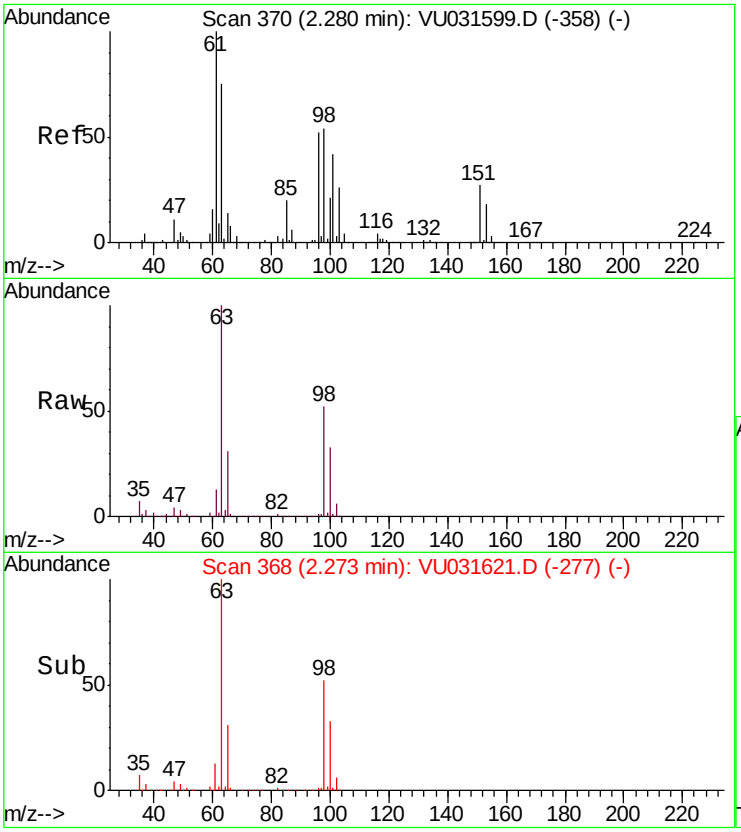


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.717 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion:101 Resp: 3643

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	56.1	84.1#



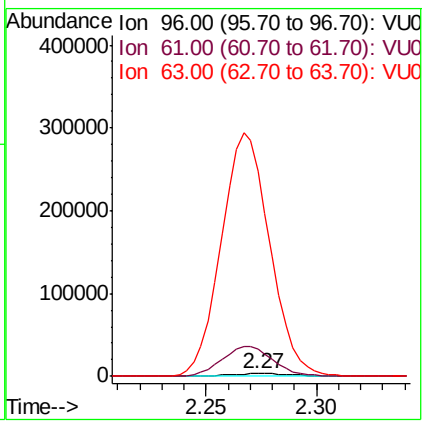


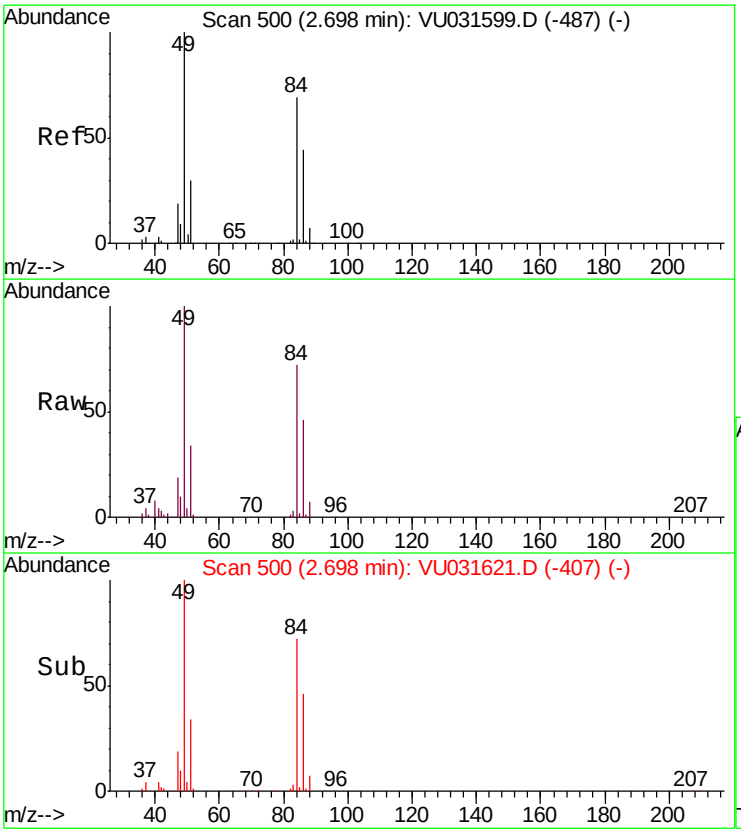
#12
1,1-Dichloroethene
Concen: 1.309 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument : MSVOA_U
ClientSampleId : C0X74

Tgt Ion: 96 Resp: 6472

Ion	Ratio	Lower	Upper
96	100		
61	963.8	135.0	250.6#
63	7417.6	103.5	192.3#

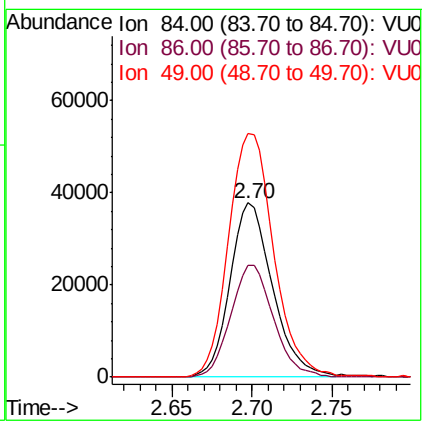


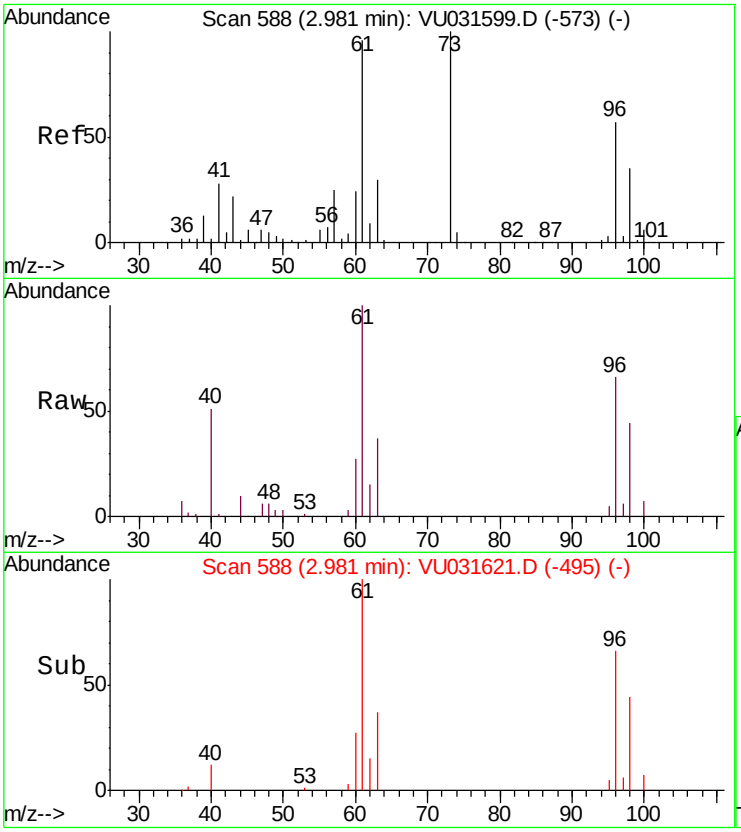


#16
Methylene chloride
Concen: 11.753 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion: 84 Resp: 68589

Ion	Ratio	Lower	Upper
84	100		
86	64.3	44.7	83.1
49	139.7	96.5	179.3



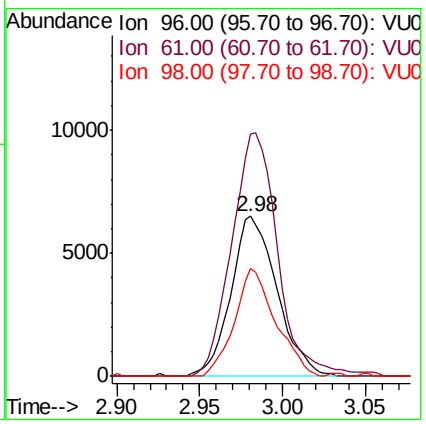


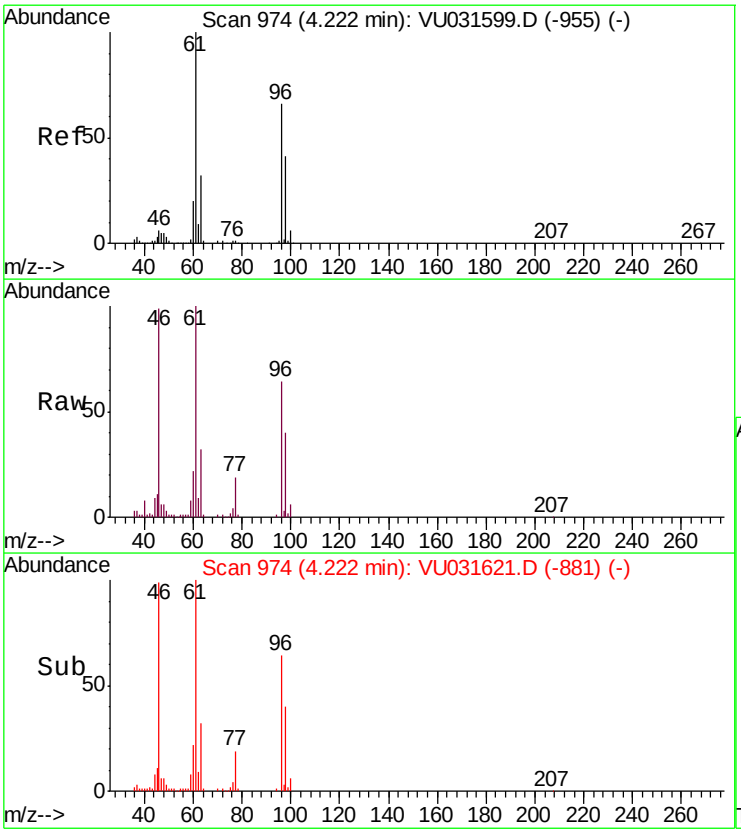
#17
trans-1,2-Dichloroethene
Concen: 2.438 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument :
MSVOA_U
ClientSampleId :
C0X74

Tgt Ion: 96 Resp: 12563

Ion	Ratio	Lower	Upper
96	100		
61	151.6	114.5	212.7
98	67.3	45.4	84.2

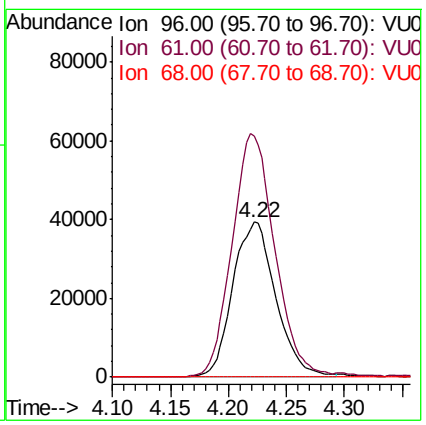


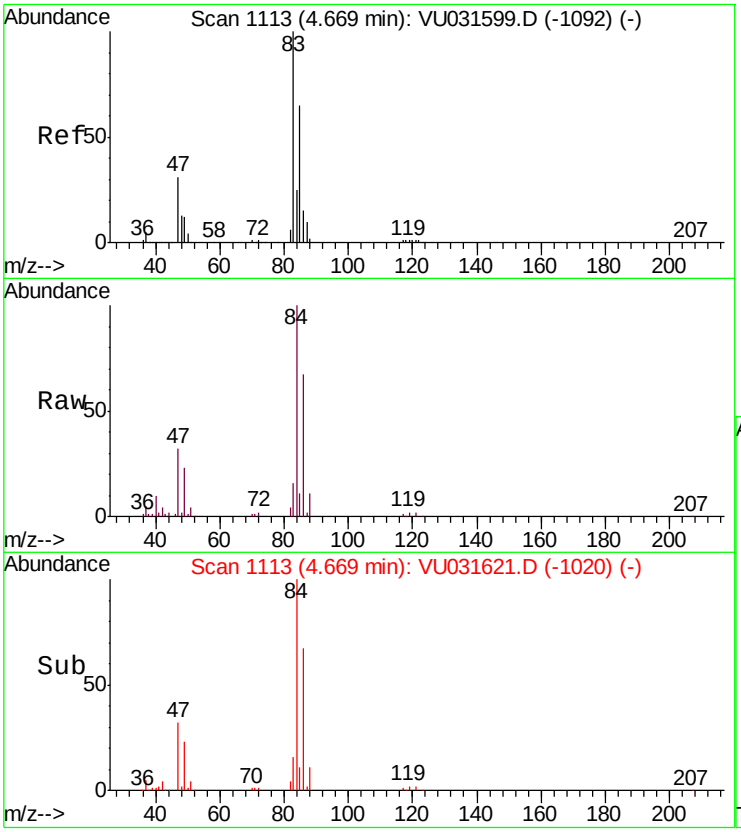


#20
cis-1,2-Dichloroethene
Concen: 18.382 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion: 96 Resp: 101604

Ion	Ratio	Lower	Upper
96	100		
61	155.4	99.5	184.7
68	0.0	0.0	0.0



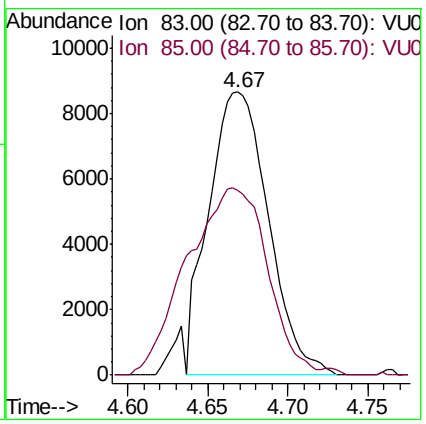


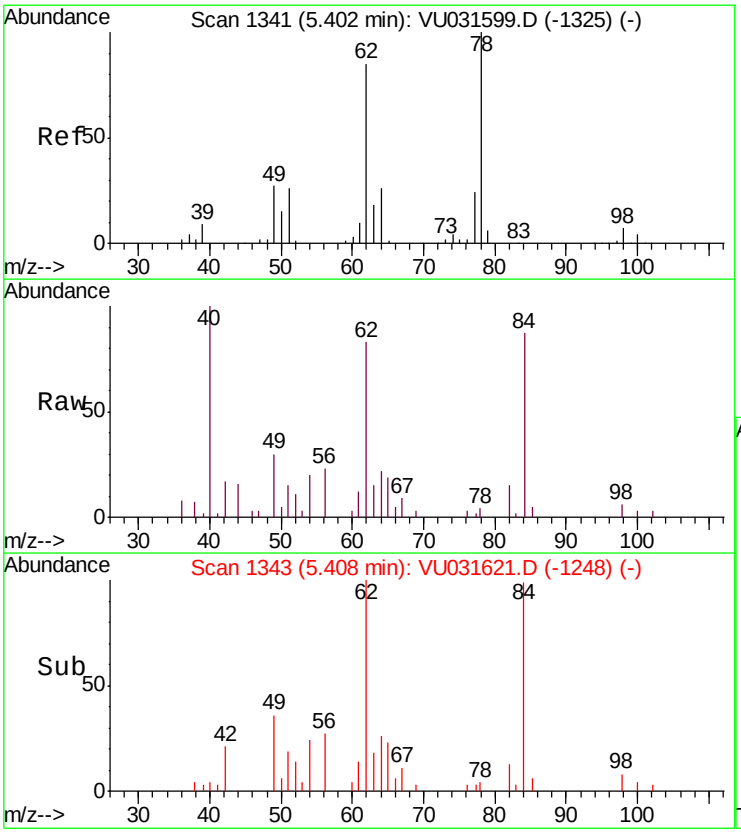
#25
Chloroform
Concen: 2.147 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument :
MSVOA_U
ClientSampleId :
C0X74

Tgt Ion: 83 Resp: 22283

Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.9	83.3

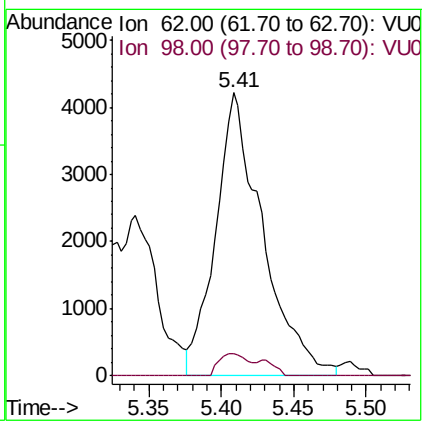


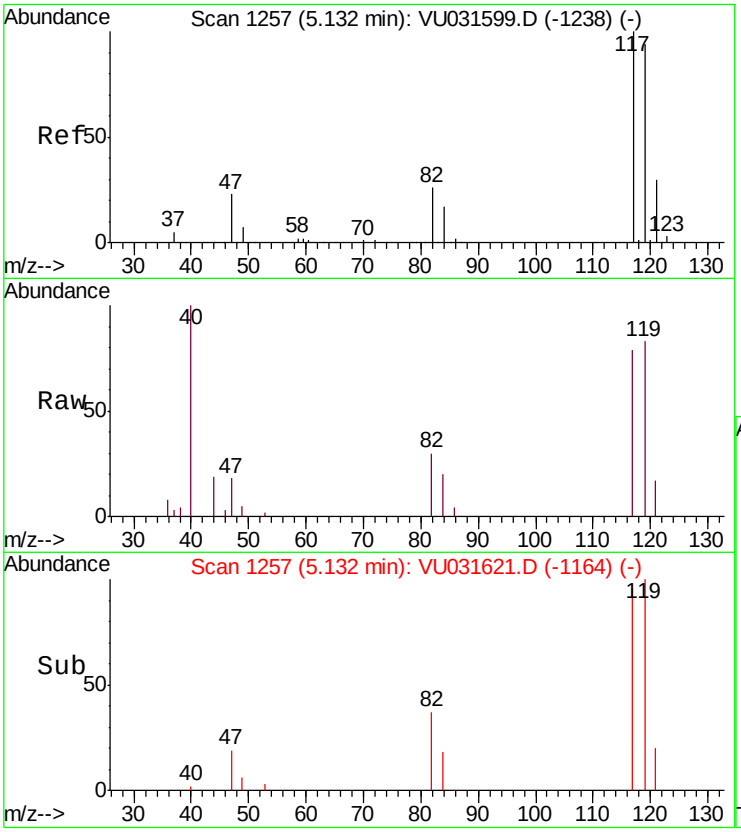


#27
1,2-Dichloroethane
Concen: 1.129 ug/L
RT: 5.41 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion: 62 Resp: 9517

Ion	Ratio	Lower	Upper
62	100		
98	7.7	7.1	10.7



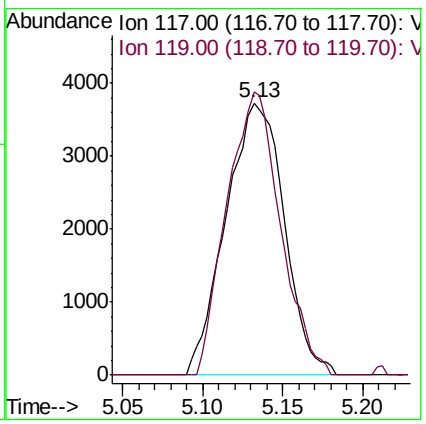


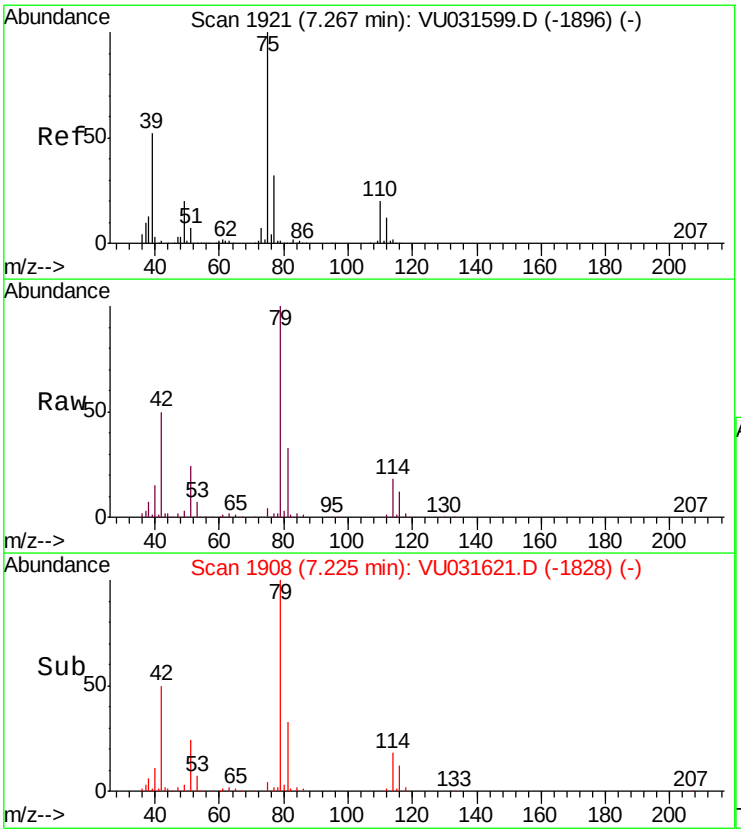
#31
Carbon tetrachloride
Concen: 1.225 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument :
MSVOA_U
ClientSampleId :
C0X74

Tgt Ion:117 Resp: 9349

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	114.8

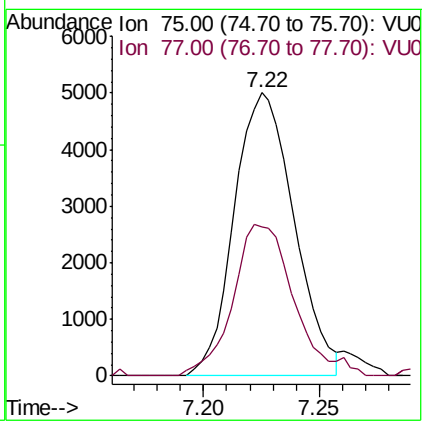


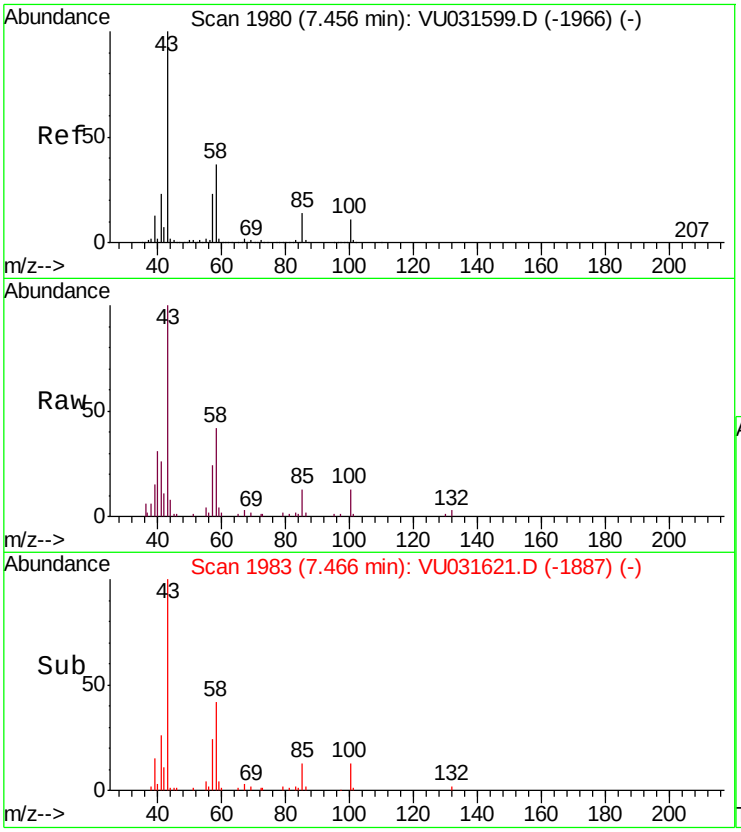


#39
cis-1,3-Dichloropropene
Concen: 1.021 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion: 75 Resp: 8969

Ion	Ratio	Lower	Upper
75	100		
77	52.4	22.1	41.1#



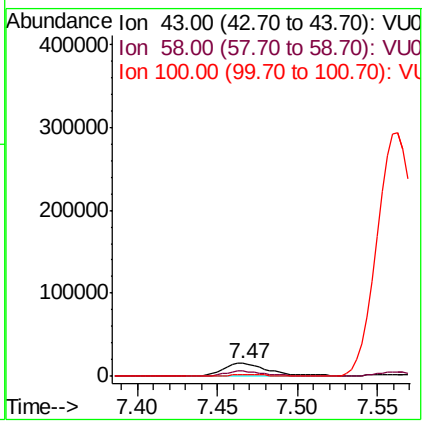


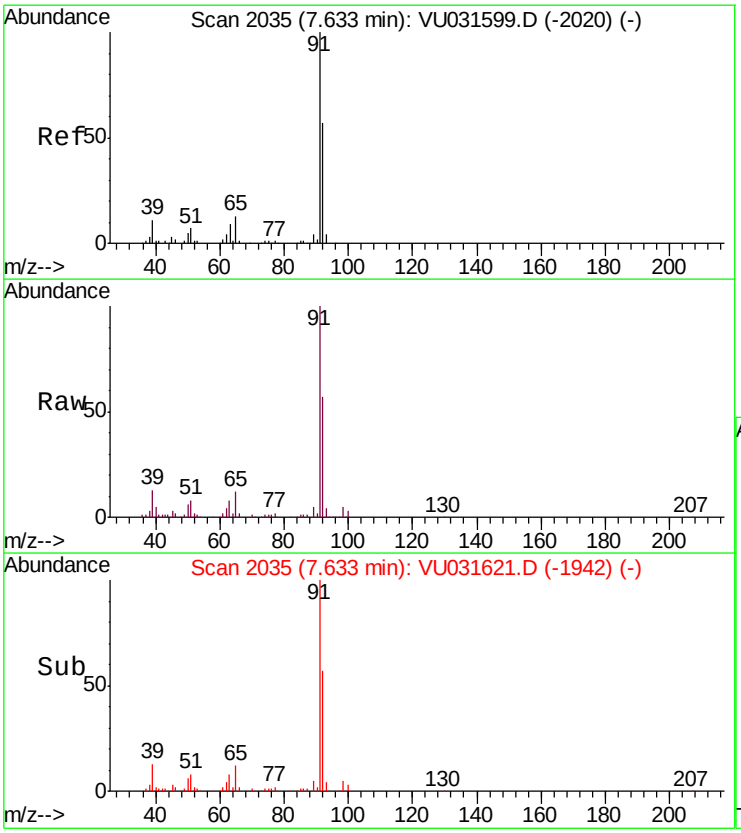
#40
4-Methyl-2-pentanone
Concen: 3.071 ug/L
RT: 7.47 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument :
MSVOA_U
ClientSampleId :
C0X74

Tgt Ion: 43 Resp: 31416

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.1	45.1
100	11.5	9.6	14.4

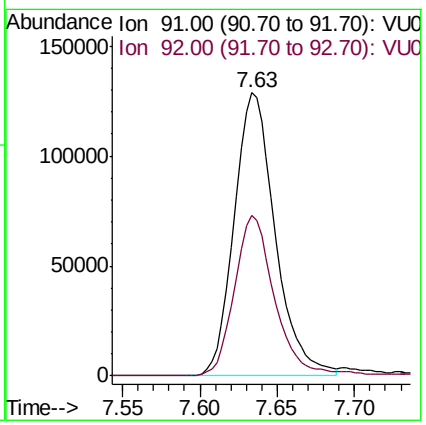


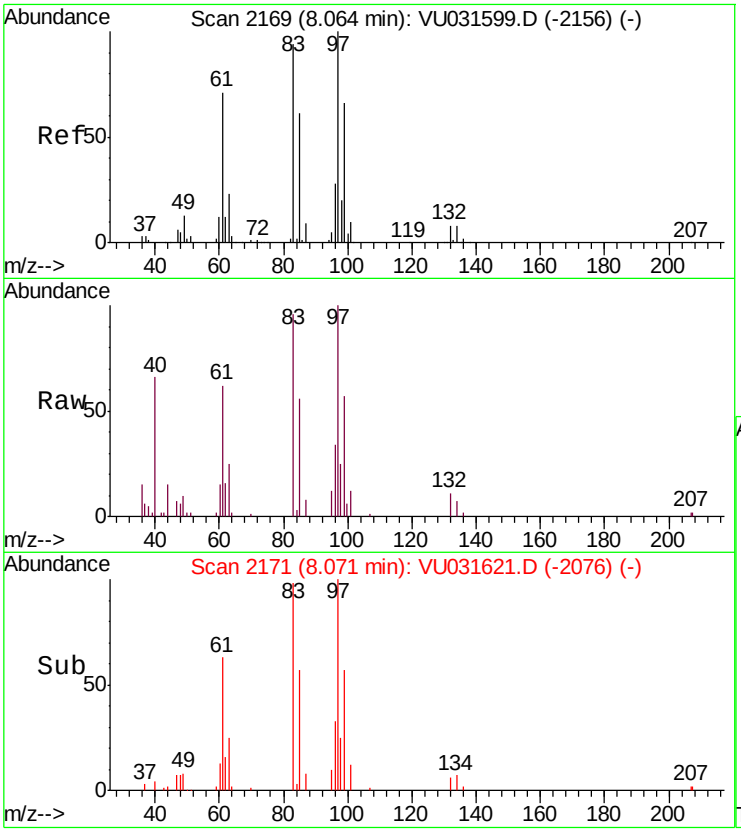


#42
Toluene
Concen: 10.174 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion: 91 Resp: 237383

Ion	Ratio	Lower	Upper
91	100		
92	56.6	39.0	72.4



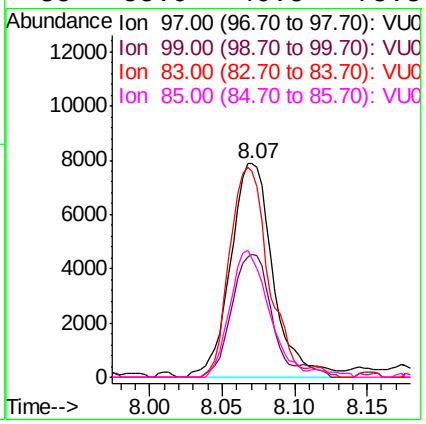


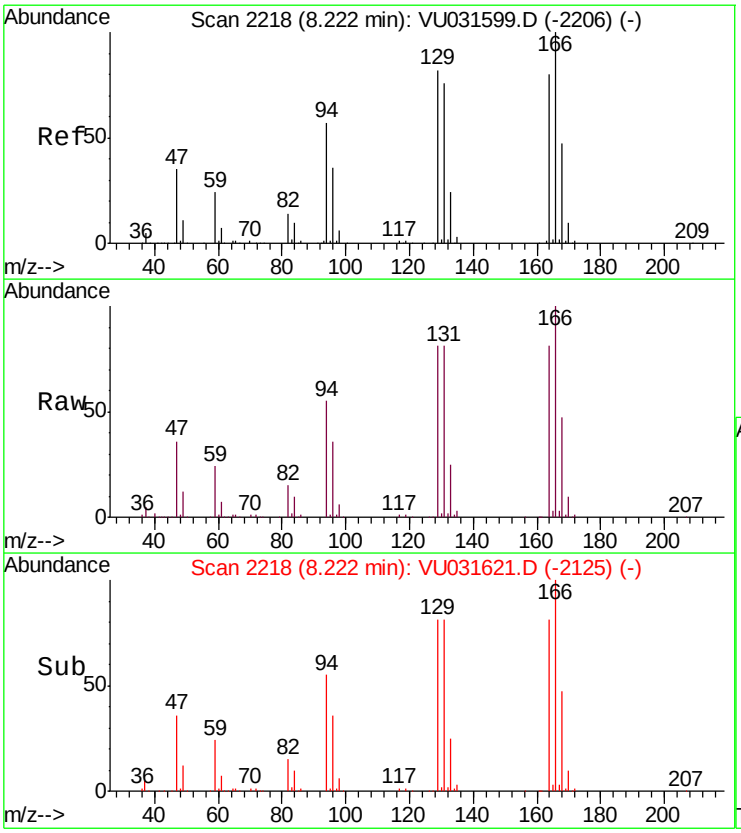
#45
1,1,2-Trichloroethane
Concen: 2.919 ug/L
RT: 8.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument :
MSVOA_U
ClientSampleId :
C0X74

Tgt Ion: 97 Resp: 16004

Ion	Ratio	Lower	Upper
97	100		
99	57.5	43.0	80.0
83	96.4	63.6	118.2
85	55.9	40.5	75.3

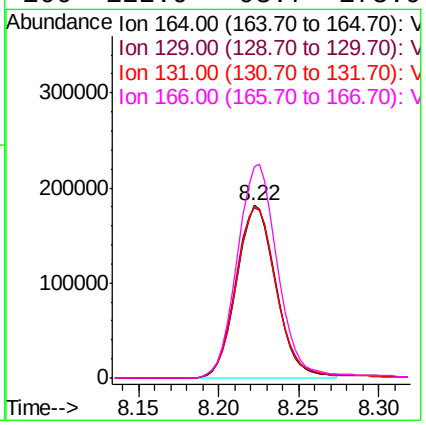


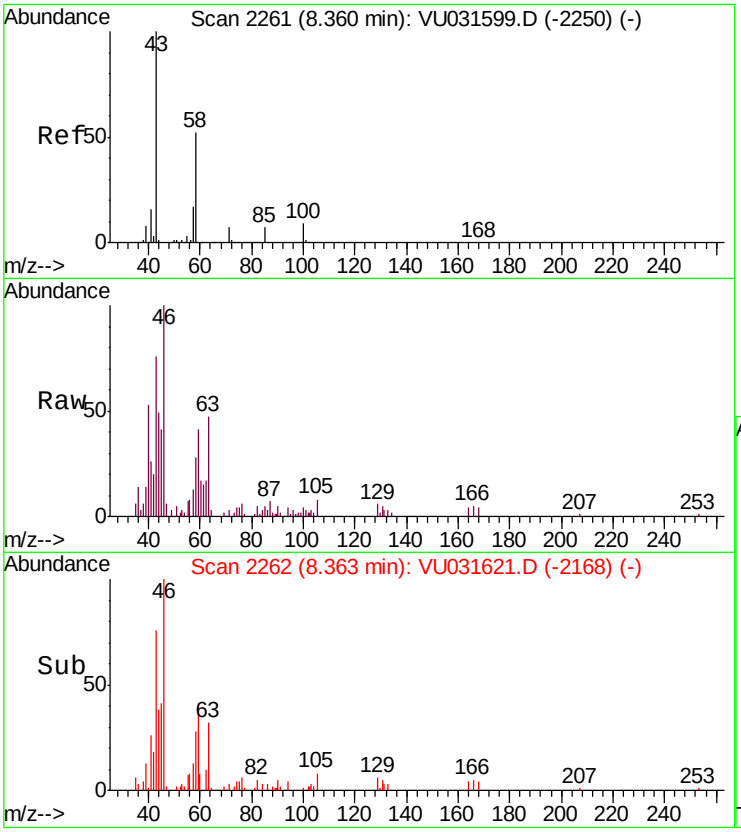


#46
Tetrachloroethene
Concen: 79.106 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion:164 Resp: 306211

Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.5	132.9
131	99.3	69.0	128.2
166	122.9	93.7	173.9



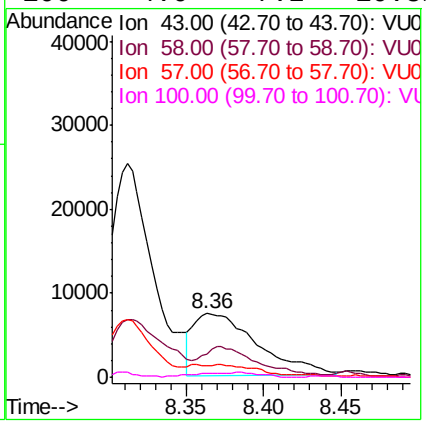


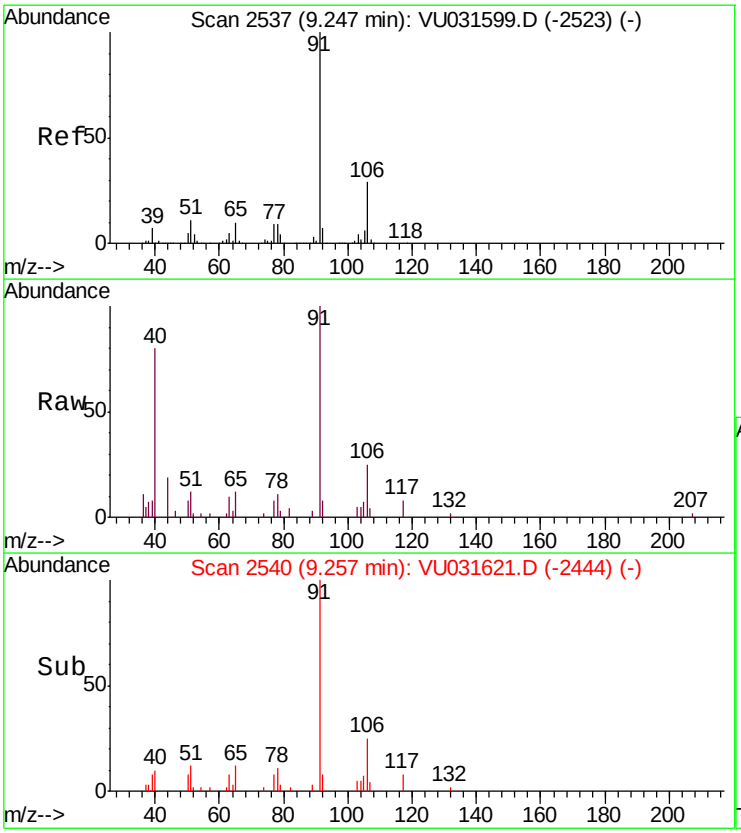
#48
2-Hexanone
Concen: 2.560 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument : MSVOA_U
ClientSampleId : C0X74

Tgt Ion: 43 Resp: 21182

Ion	Ratio	Lower	Upper
43	100		
58	44.3	42.1	63.1
57	11.9	14.6	22.0#
100	4.0	7.2	10.8#

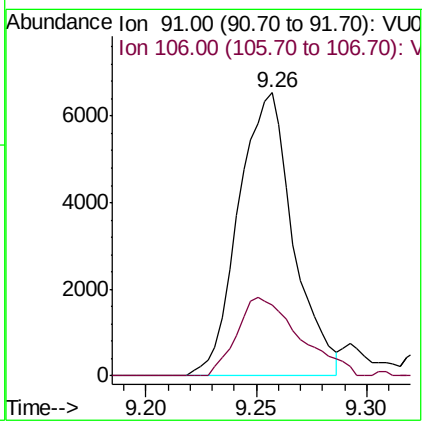


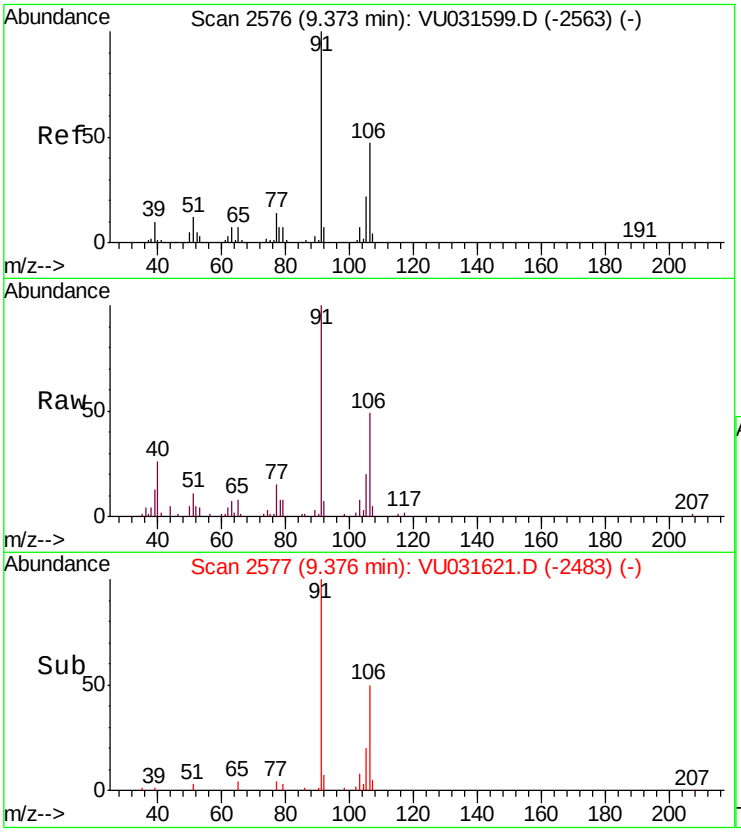


#52
Ethylbenzene
Concen: 0.467 ug/L
RT: 9.26 min Scan# 2540
Delta R.T. 0.01 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion: 91 Resp: 11303

Ion	Ratio	Lower	Upper
91	100		
106	25.2	20.4	37.8



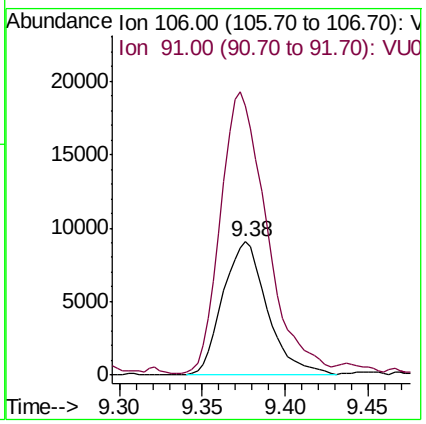


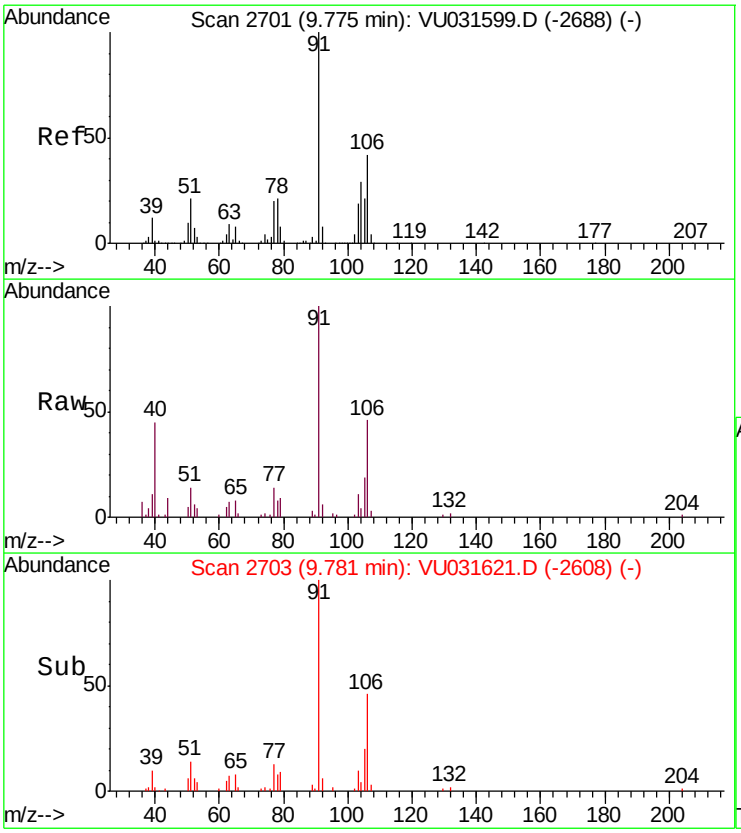
#53
m,p-Xylene
Concen: 2.013 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument : MSVOA_U
ClientSampleId : C0X74

Tgt Ion:106 Resp: 16979

Ion	Ratio	Lower	Upper
106	100		
91	202.5	152.2	282.6

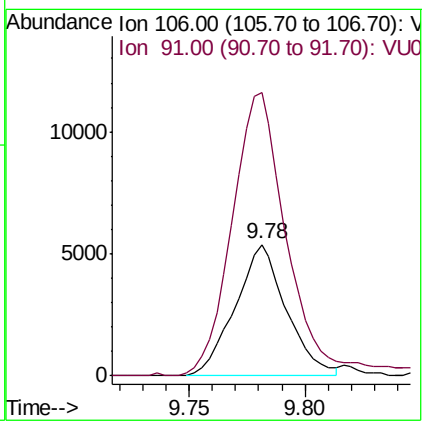


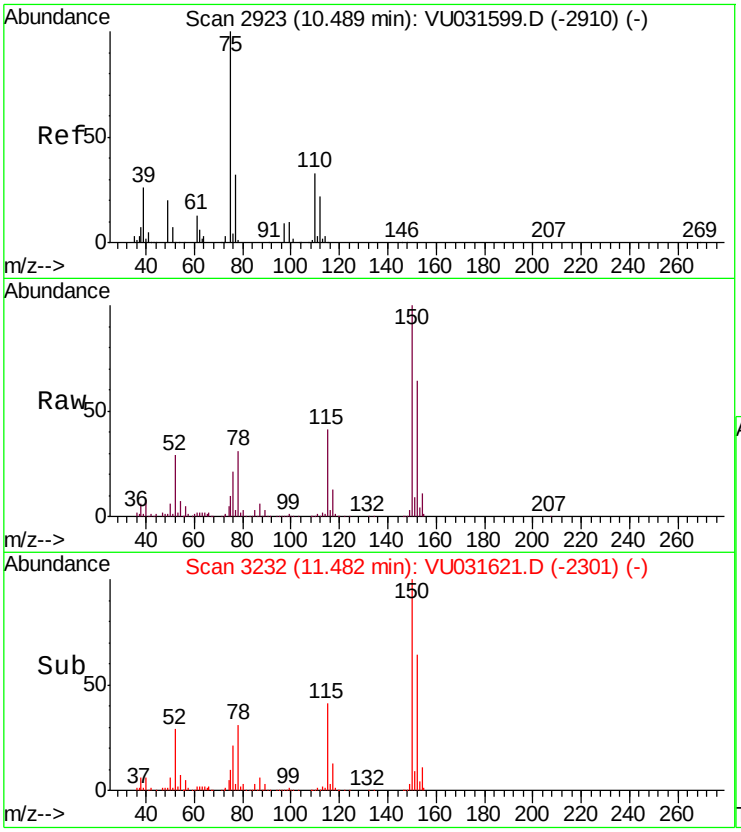


#54
o-xylene
Concen: 0.989 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Tgt Ion:106 Resp: 8269

Ion	Ratio	Lower	Upper
106	100		
91	215.2	163.2	303.2





#59
1,2,3-Trichloropropane
Concen: 4.333 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031621.D
Acq: 30 Apr 2019 05:28

Instrument :
MSVOA_U
ClientSampleId :
C0X74

Tgt Ion: 75 Resp: 34163

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.9	38.9