Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035361.D
Acq On : 22 Oct 2019 13:38
Operator : JC/SP
Sample : K5461-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 06:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	279346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86105	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	129419	7.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 152.00%#			
7) Chloroethane-d5	1.94	69	103229	6.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 132.60%#			
11) 1,1-Dichloroethene-d2	2.60	63	168742	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.20%			
20) 2-Butanone-d5	4.72	46	315830	64.52	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.04%			
24) Chloroform-d	5.12	84	169910	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.20%			
26) 1,2-Dichloroethane-d4	5.75	65	100743	5.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.80%			
32) Benzene-d6	5.77	84	382115	6.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 126.00%#			
36) 1,2-Dichloropropane-d6	6.74	67	123747	6.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 128.60%			
41) Toluene-d8	7.93	98	325939	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.40%			
43) trans-1,3-Dichloropropene-	8.22	79	31942	3.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.40%			
46) 2-Hexanone-d5	8.69	63	197436	47.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.82%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	95255	5.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.00%			
64) 1,2-Dichlorobenzene-d4	12.23	152	92574	5.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.00%			
Target Compounds						Qvalue
3) Chloromethane	1.62	50	12534	0.531	ug/L #	50
5) Vinyl chloride	1.62	62	1504296	62.108	ug/L	99
12) 1,1-Dichloroethene	2.61	96	25042	1.395	ug/L #	1
13) Acetone	2.67	43	9340	2.743	ug/L	98
14) Carbon disulfide	2.82	76	24514	0.432	ug/L #	91
16) Methylene chloride	3.08	84	2239	0.104	ug/L	94
17) Methyl tert-butyl Ether	3.43	73	67182	1.391	ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	1241967	64.125	ug/L	94
19) 1,1-Dichloroethane	3.92	63	138543	3.956	ug/L	100
25) Chloroform	5.14	83	17776	0.463	ug/L	95
30) Cyclohexane	5.43	56	25773	0.775	ug/L	97
33) Benzene	5.82	78	136740	1.752	ug/L	100
34) Trichloroethene	6.58	95	454849	21.683	ug/L	98
39) cis-1,3-Dichloropropene	7.60	75	2368	0.071	ug/L #	42
42) Toluene	8.01	91	18443	0.214	ug/L	98
48) 2-Hexanone	8.74	43	12608	1.344	ug/L #	90
59) 1,2,3-Trichloropropane	11.85	75	10613	0.769	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035361.D
Acq On : 22 Oct 2019 13:38
Operator : JC/SP
Sample : K5461-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 06:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

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

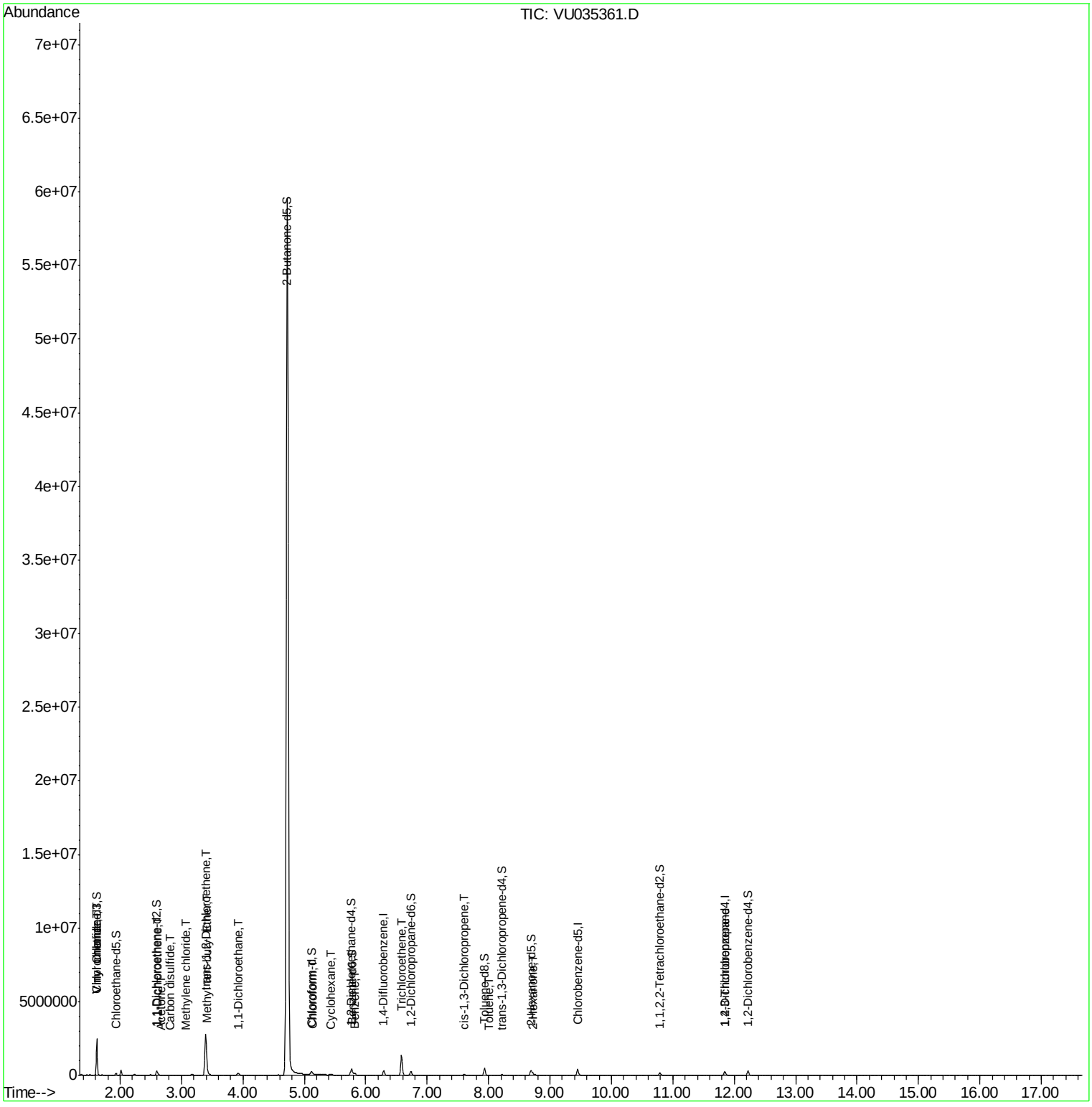
(#) = qualifier out of range (m) = manual integration (+) = signals summed

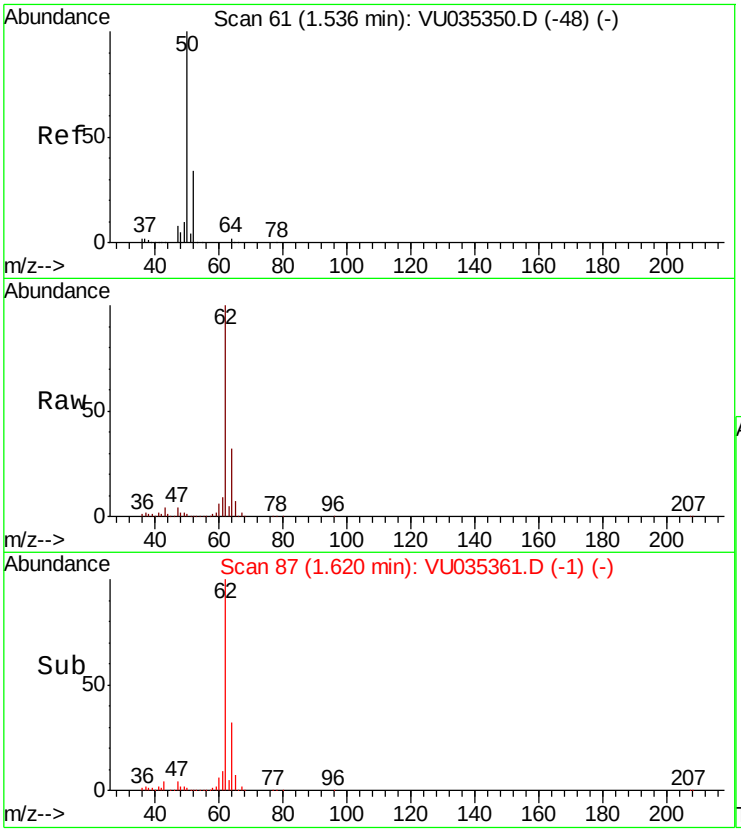
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035361.D
Acq On : 22 Oct 2019 13:38
Operator : JC/SP
Sample : K5461-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 06:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration



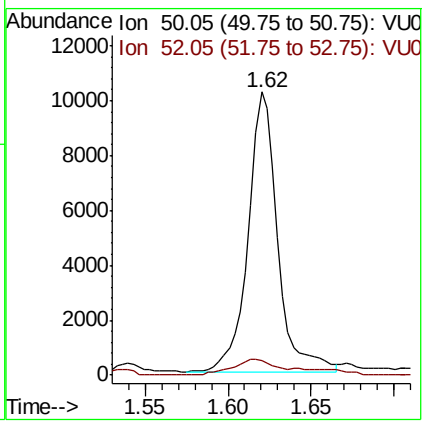


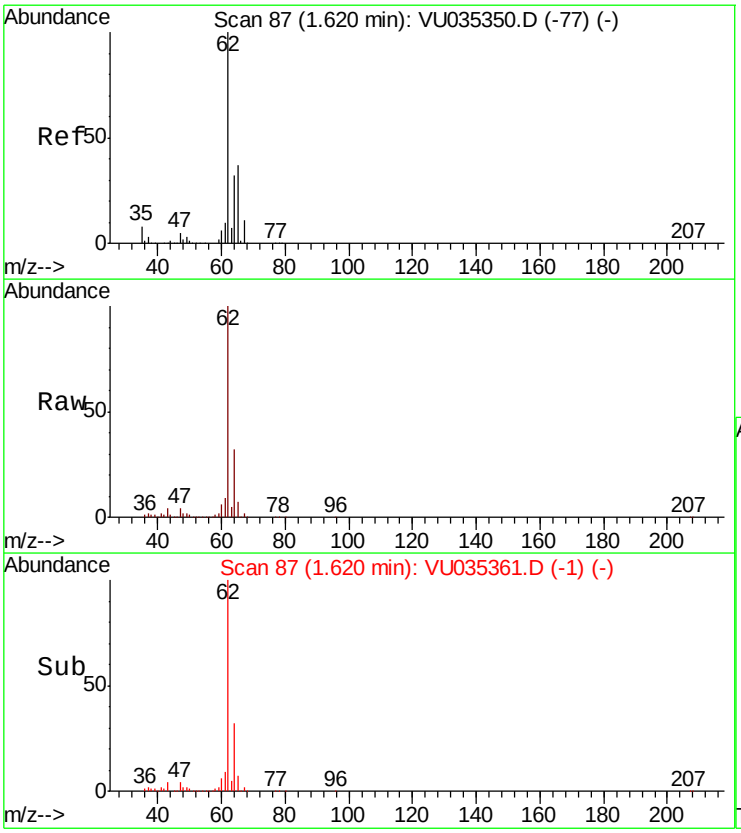
#3
Chloromethane
Concen: 0.531 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.08 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 12534

Ion	Ratio	Lower	Upper
50	100		
52	5.2	23.5	43.7#

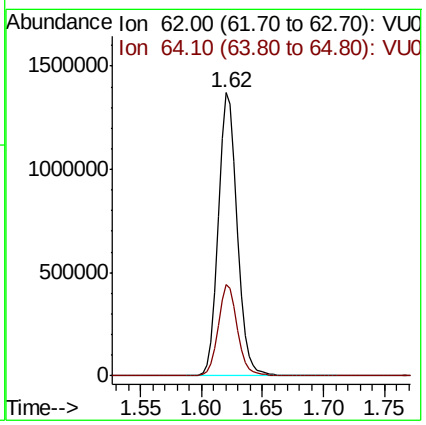


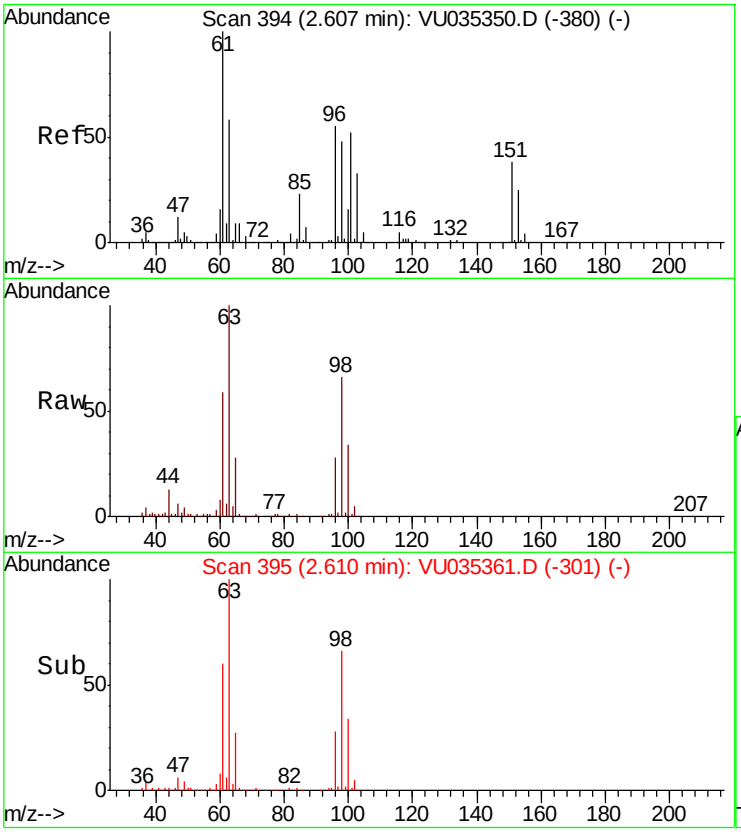


#5
Vinyl chloride
Concen: 62.108 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 62 Resp: 1504296

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.9	42.5



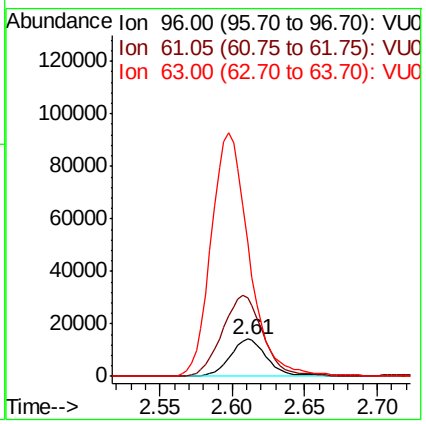


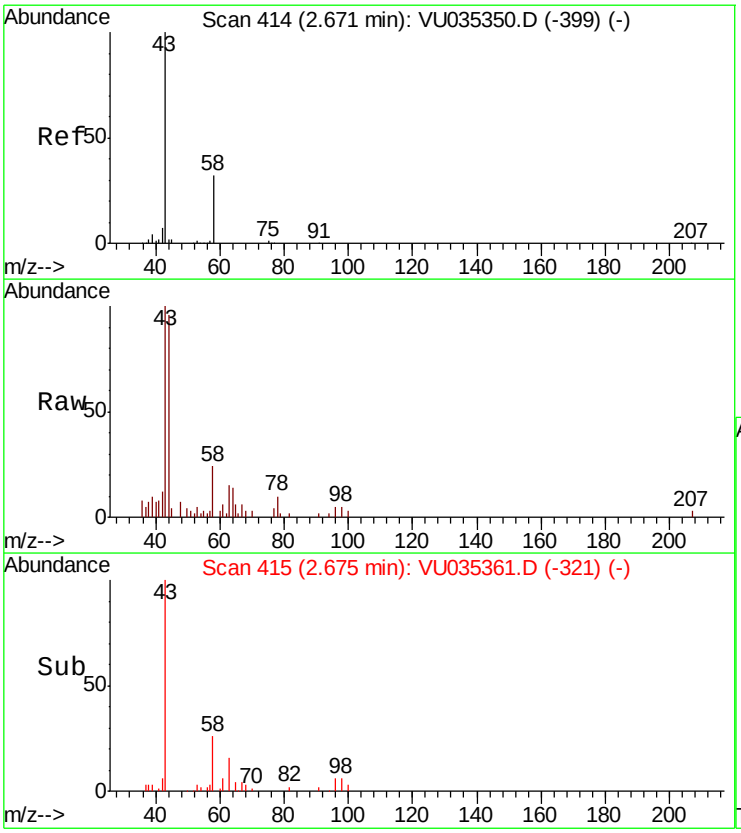
#12
1,1-Dichloroethene
Concen: 1.395 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 25042

Ion	Ratio	Lower	Upper
96	100		
61	210.9	120.6	224.0
63	355.4	86.8	161.2#

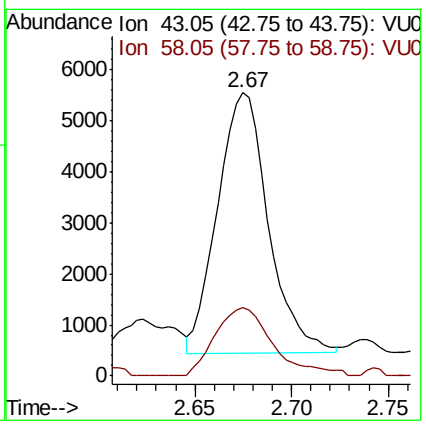


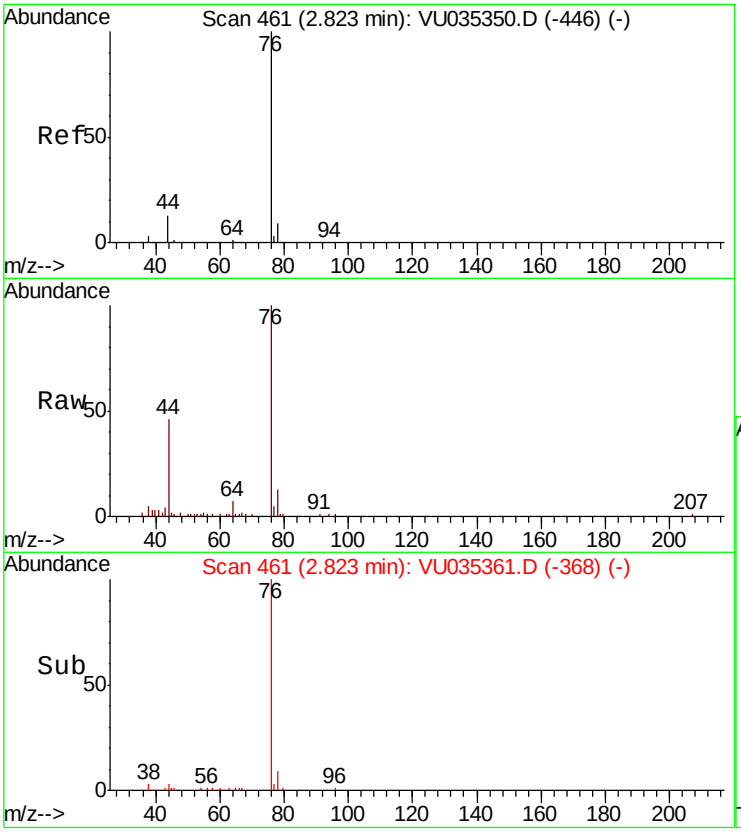


#13
Acetone
Concen: 2.743 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 43 Resp: 9340

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	61.8



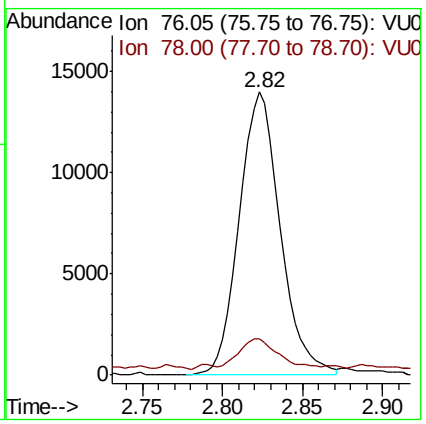


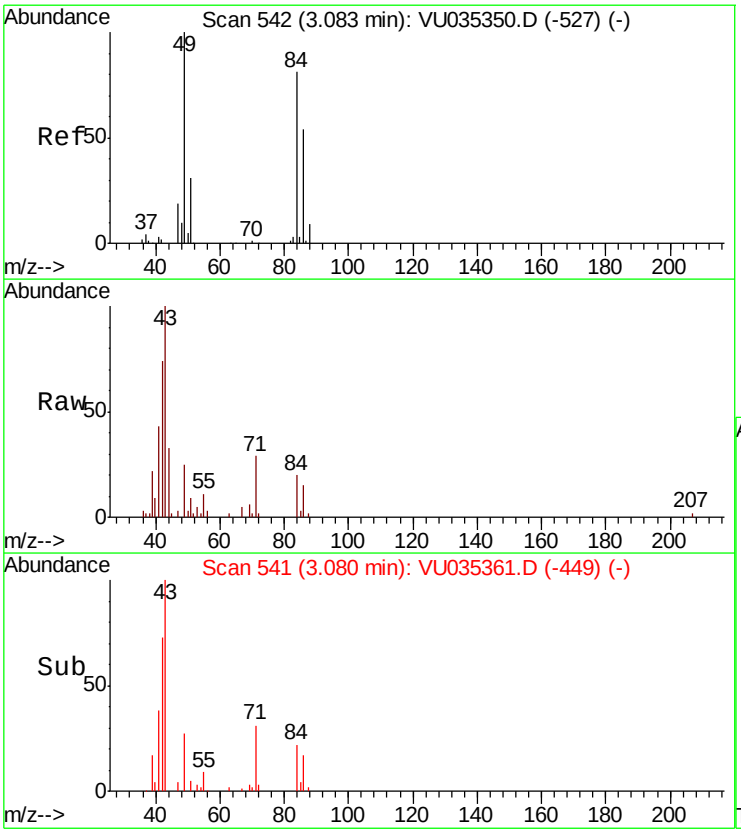
#14
Carbon disulfide
Concen: 0.432 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 24514

Ion	Ratio	Lower	Upper
76	100		
78	12.9	7.6	11.4#

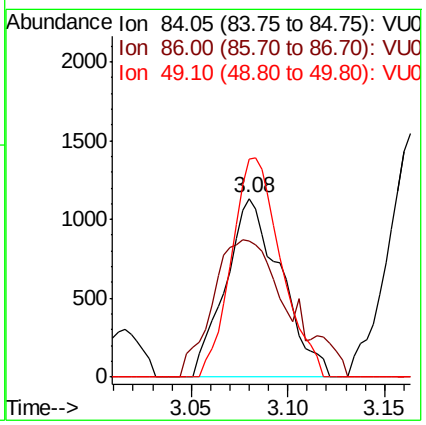


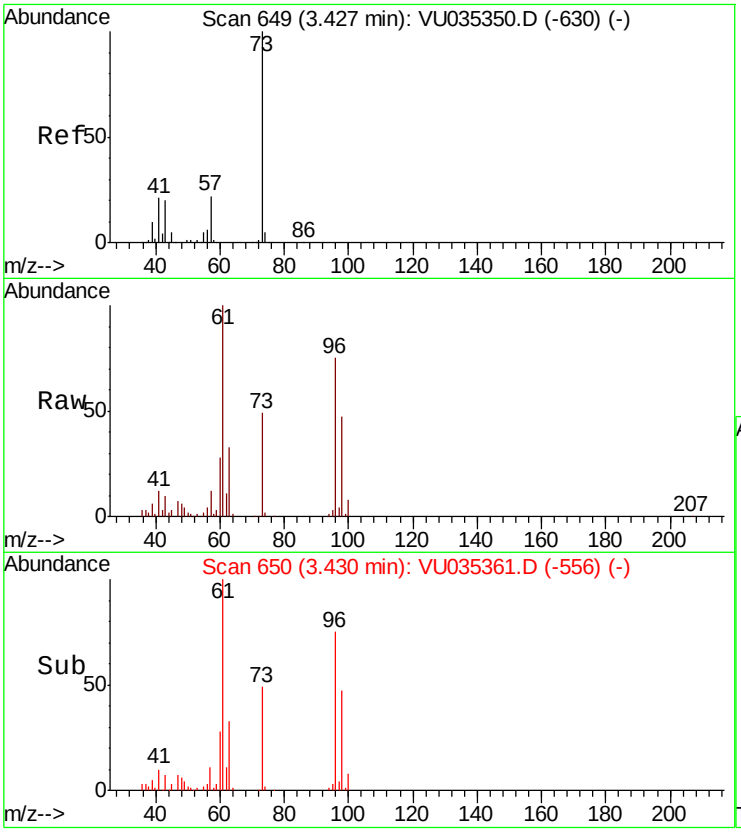


#16
Methylene chloride
Concen: 0.104 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 84 Resp: 2239

Ion	Ratio	Lower	Upper
84	100		
86	76.4	45.4	84.2
49	121.6	86.8	161.2



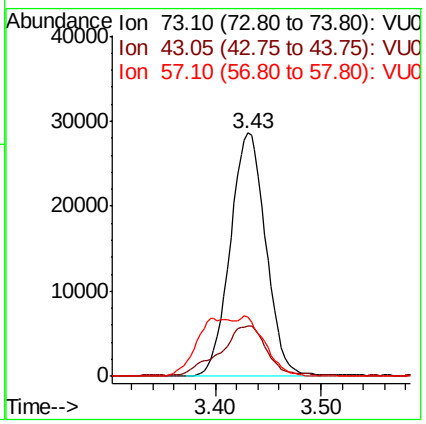


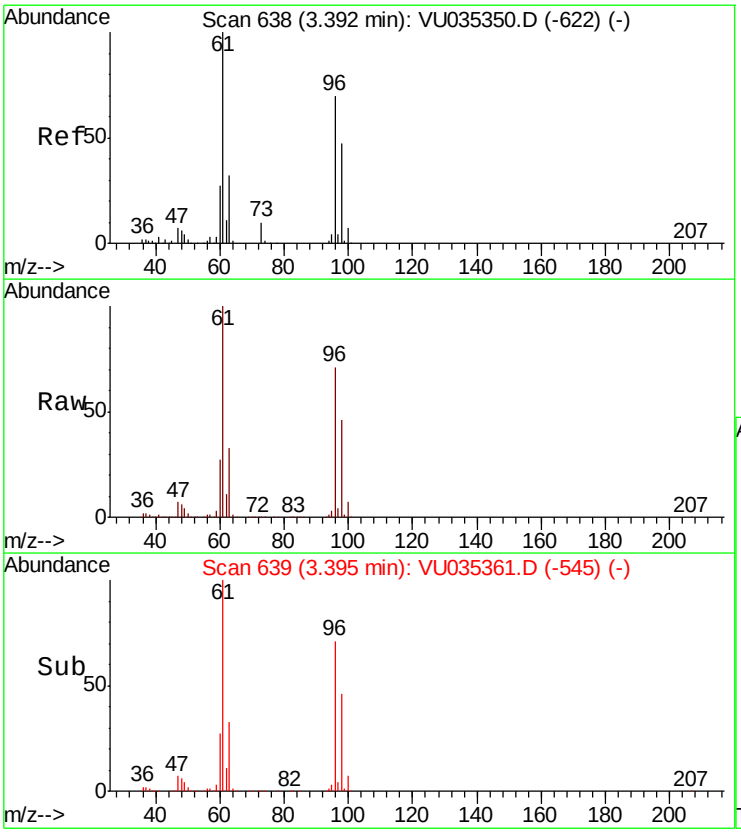
#17
Methyl tert-butyl Ether
Concen: 1.391 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 67182

Ion	Ratio	Lower	Upper
73	100		
43	26.3	16.0	24.0#
57	16.8	17.4	26.2#

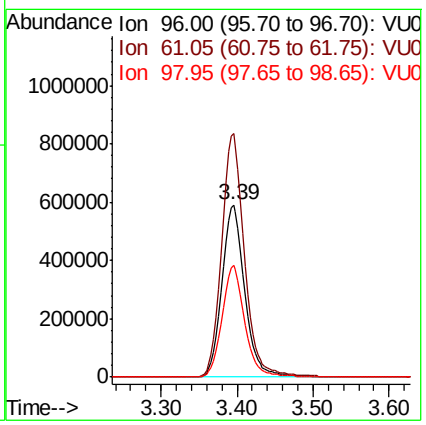


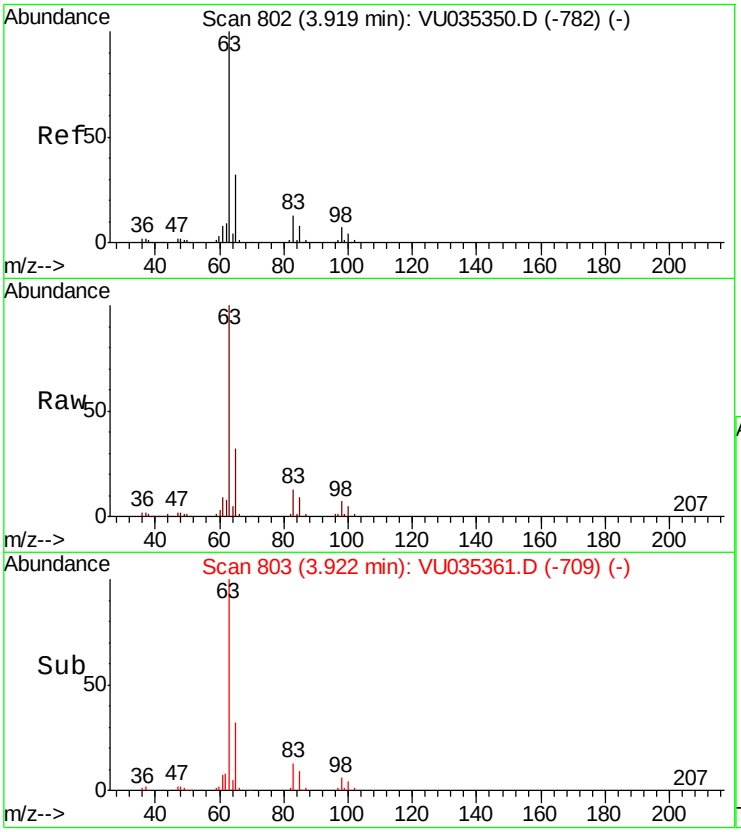


#18
trans-1,2-Dichloroethene
Concen: 64.125 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 96 Resp: 1241967

Ion	Ratio	Lower	Upper
96	100		
61	141.6	93.0	172.6
98	65.1	43.7	81.1



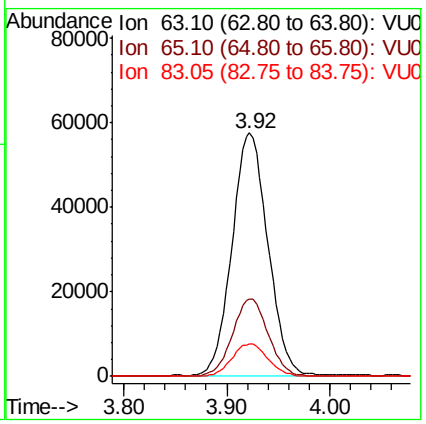


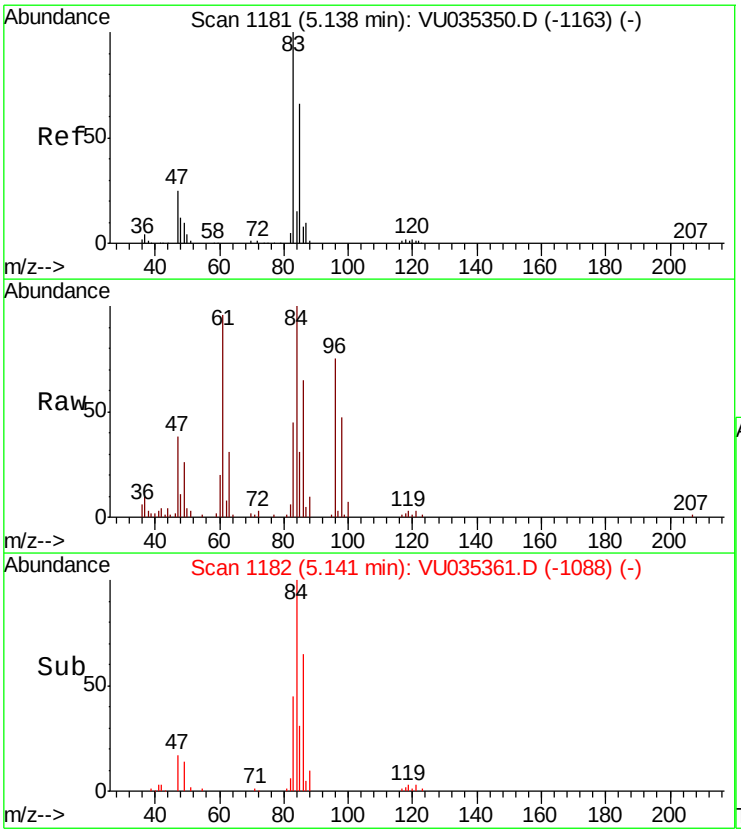
#19
1,1-Dichloroethane
Concen: 3.956 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 138543

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.4	41.6
83	13.1	9.3	17.3

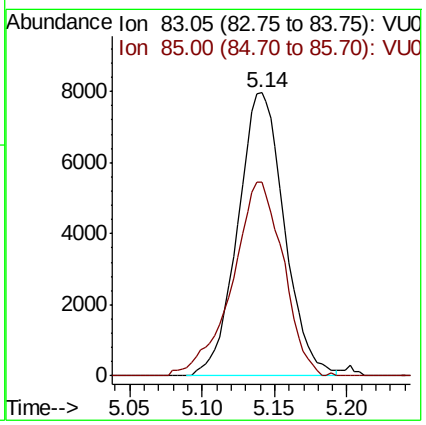


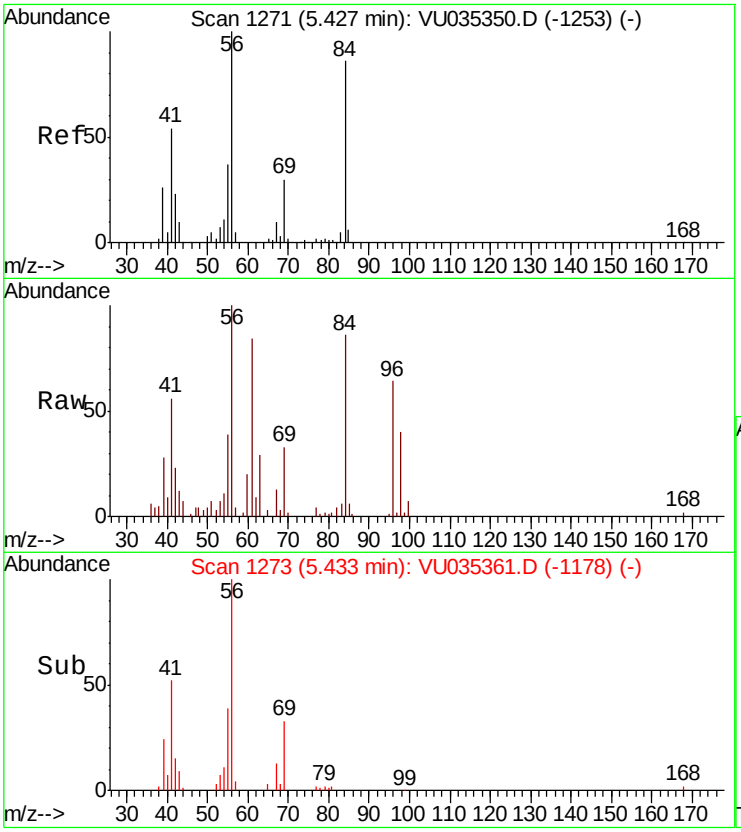


#25
Chloroform
Concen: 0.463 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 83 Resp: 17776

Ion	Ratio	Lower	Upper
83	100		
85	68.3	45.1	83.9



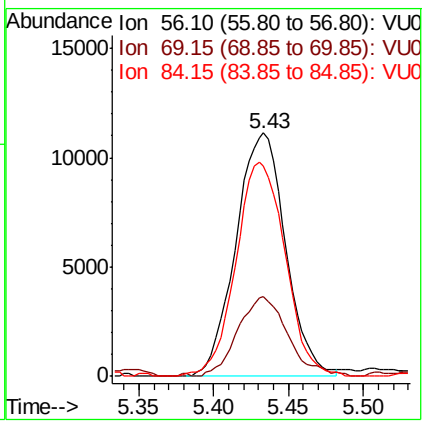


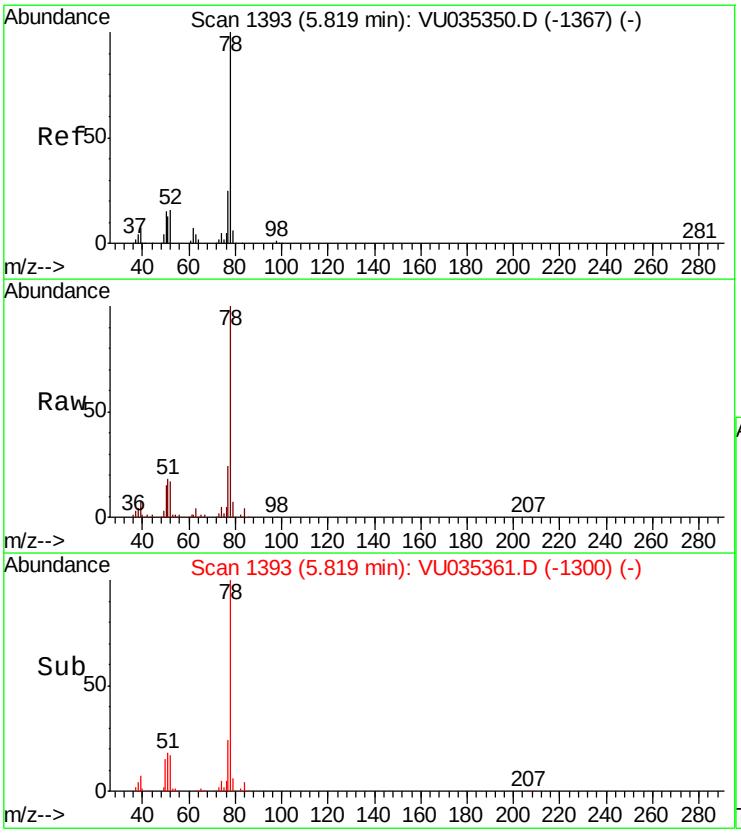
#30
Cyclohexane
Concen: 0.775 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 25773

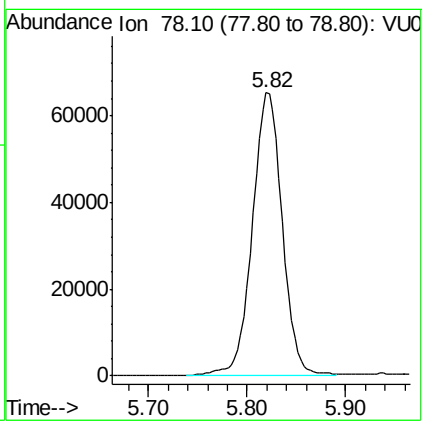
Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.6	36.8
84	87.2	71.5	107.3

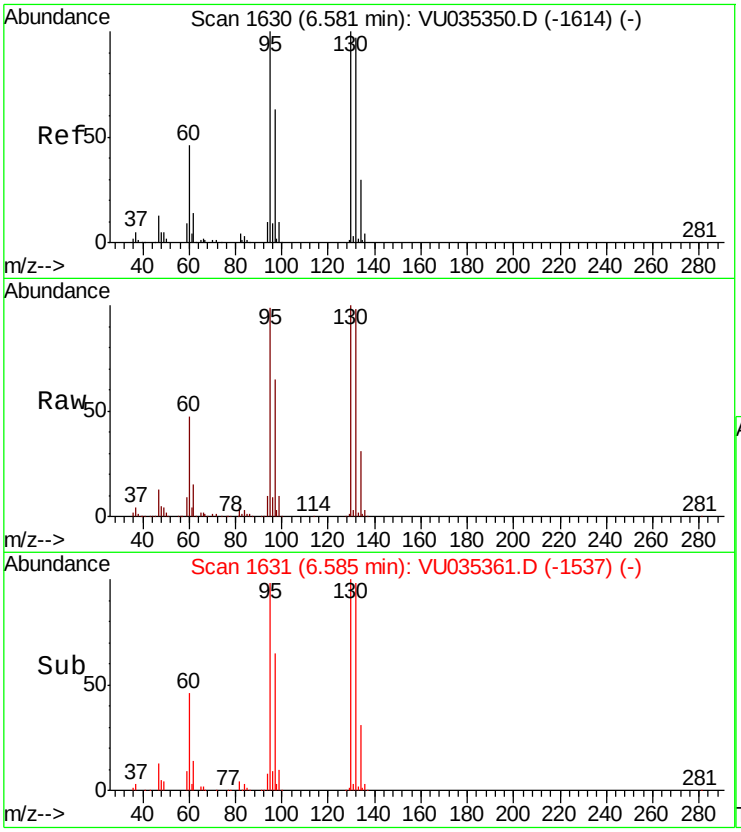




#33
Benzene
Concen: 1.752 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 78 Resp: 136740



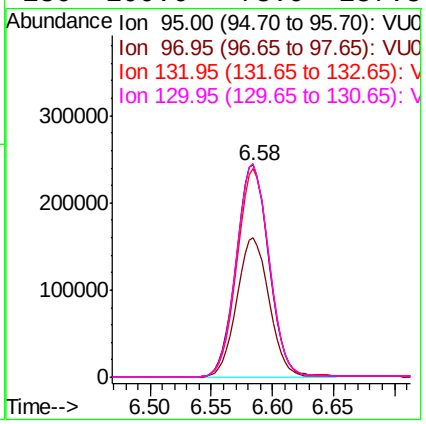


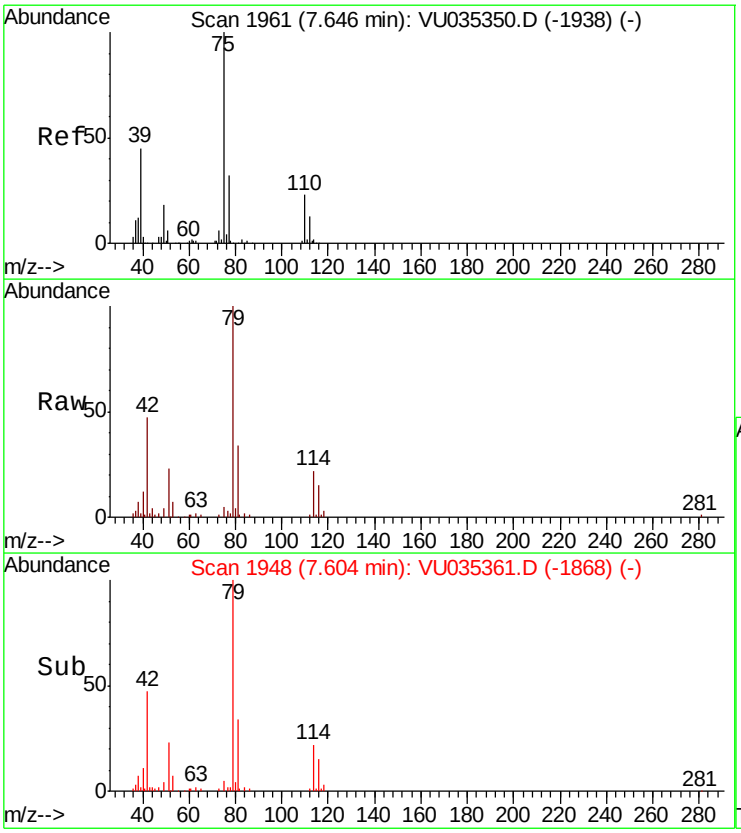
#34
Trichloroethene
Concen: 21.683 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 454849

Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.6	86.6
132	98.3	68.7	127.7
130	100.6	73.9	137.3

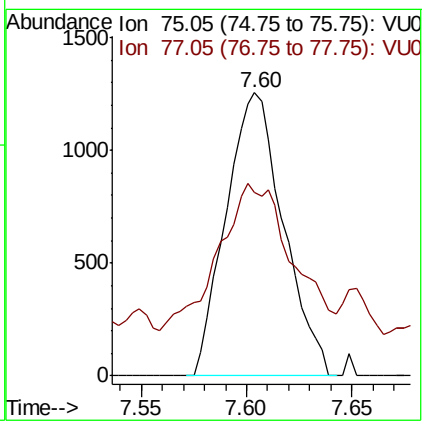


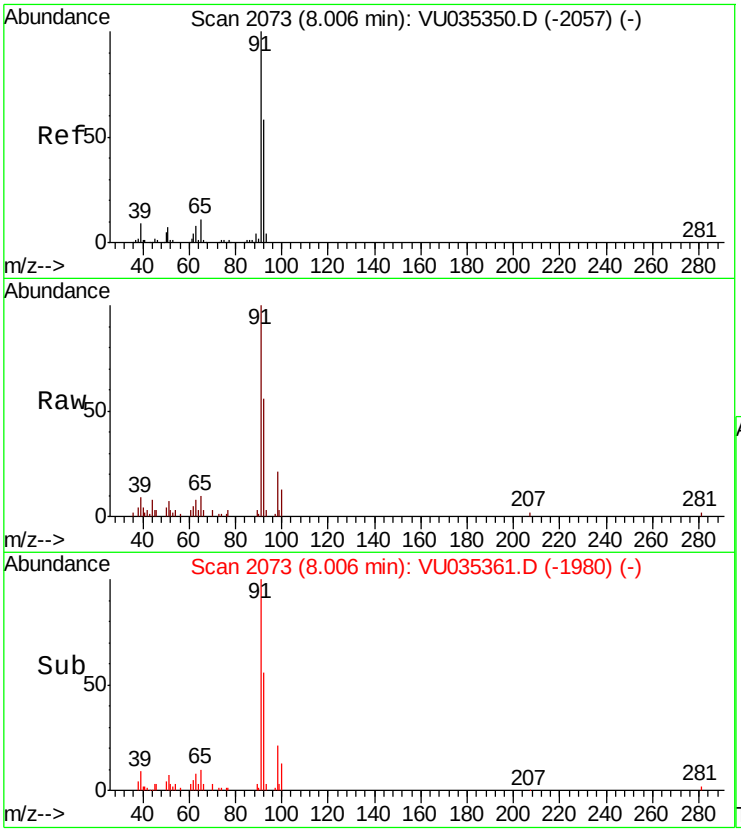


#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 75 Resp: 2368

Ion	Ratio	Lower	Upper
75	100		
77	65.0	22.7	42.1#



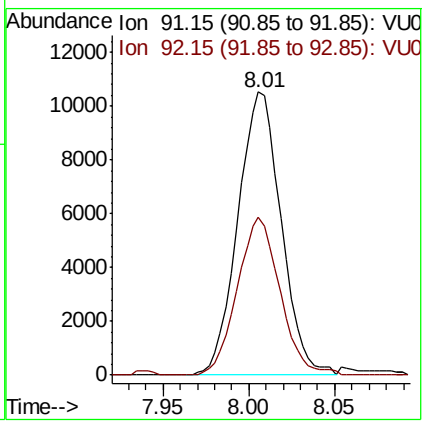


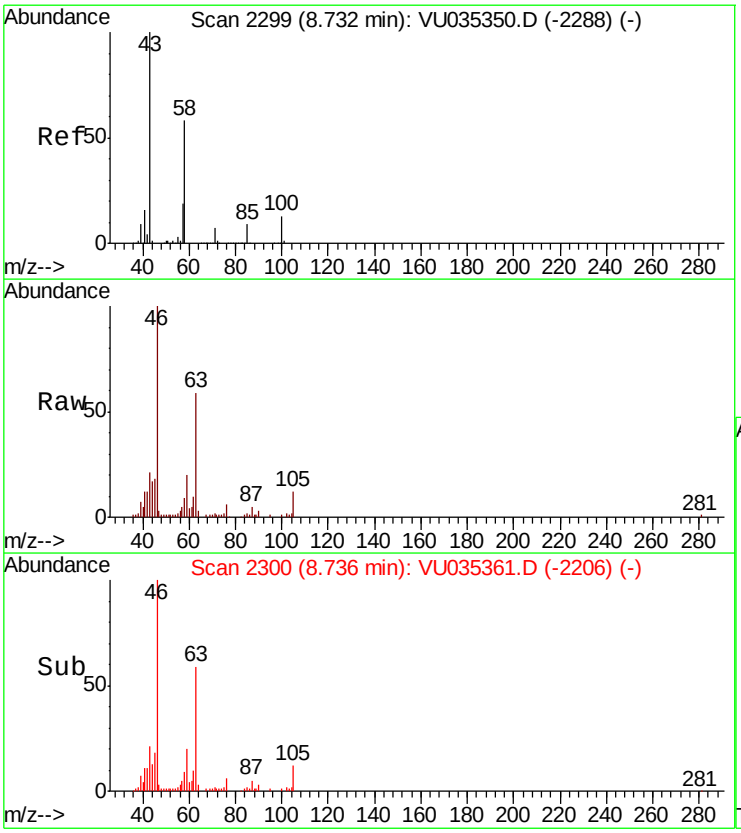
#42
Toluene
Concen: 0.214 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 18443

Ion	Ratio	Lower	Upper
91	100		
92	55.6	39.9	74.1

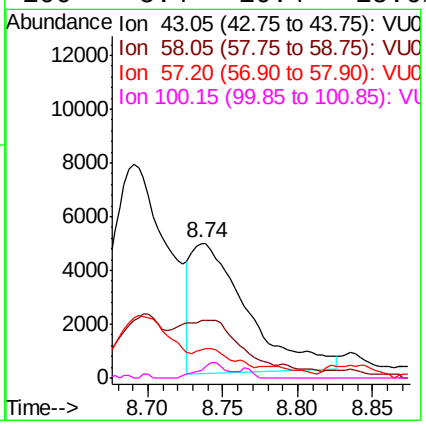


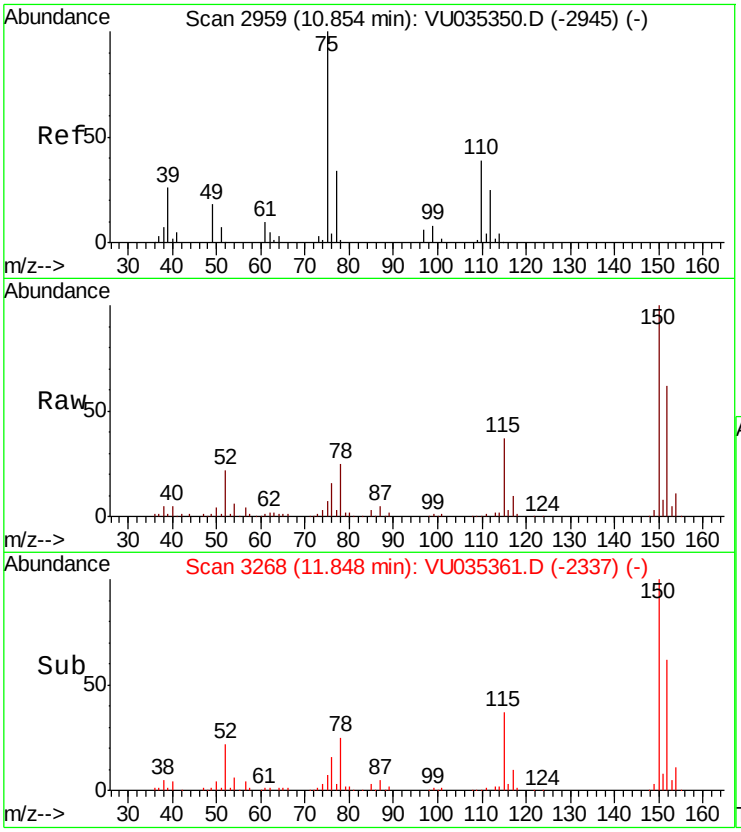


#48
2-Hexanone
Concen: 1.344 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Tgt Ion: 43 Resp: 12608

Ion	Ratio	Lower	Upper
43	100		
58	54.4	45.1	67.7
57	9.5	16.0	24.0#
100	5.4	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.769 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 0.99 min
Lab File: VU035361.D
Acq: 22 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10613

Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.2	39.2