Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060719\

Quantitation Report (Not Reviewed)

Data File : VU032533.D
Acq On : 07 Jun 2019 11:09
Operator : JC/SP
Sample : K3224-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C60

Quant Time: Jun 07 22:22:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206138	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97077	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75172	56.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 112.42%			
7) Chloroethane-d5	1.68	69	57963	53.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.86%			
11) 1,1-Dichloroethene-d2	2.27	63	107758	41.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.30%			
21) 2-Butanone-d5	4.17	46	122495	109.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.45%			
24) Chloroform-d	4.64	84	128450	51.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.30	65	83563	53.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.36%			
32) Benzene-d6	5.33	84	269896	55.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.10%			
36) 1,2-Dichloropropane-d6	6.32	67	84073	54.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.36%			
41) Toluene-d8	7.56	98	247942	53.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.66%			
43) trans-1,3-Dichloropropene-	7.85	79	38410	52.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.40%			
47) 2-Hexanone-d5	8.31	63	80238	107.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.59%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115612	51.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	100075	53.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.64%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1012	0.803	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	886	0.724	ug/L #	1
13) Acetone	2.32	43	2457	2.128	ug/L	82
15) Methyl Acetate	2.44	43	2345	1.422	ug/L #	53
25) Chloroform	4.67	83	23762	9.529	ug/L	96
27) 1,2-Dichloroethane	5.33	62	1488	0.755	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	9338	6.638	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2832	1.276	ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1767	0.897	ug/L	97
48) 2-Hexanone	8.31	43	9522	5.123	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	11402	6.235	ug/L	90
65) 1,2-Dichlorobenzene	11.87	146	2277	0.767	ug/L #	90

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

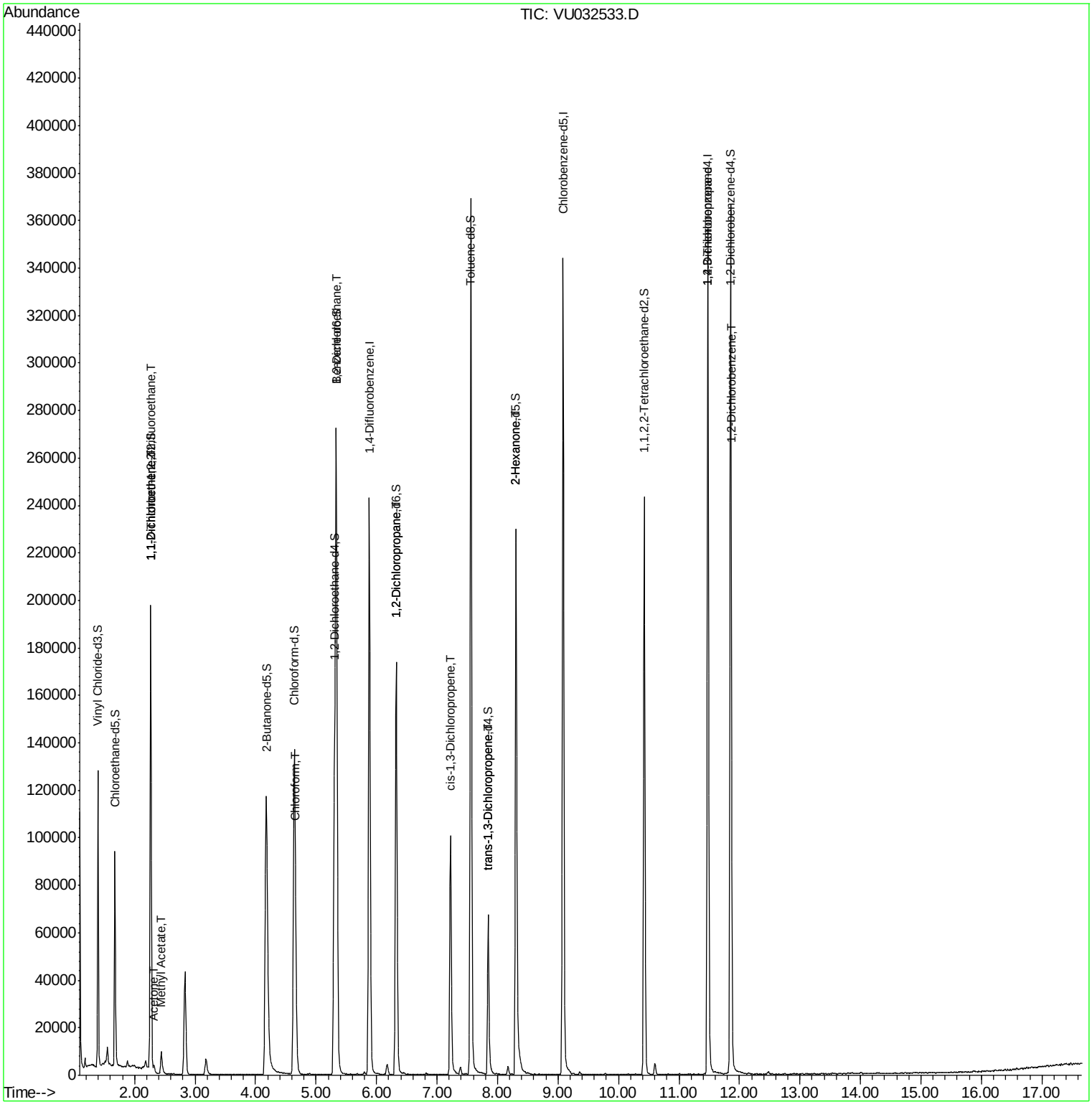
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060719\

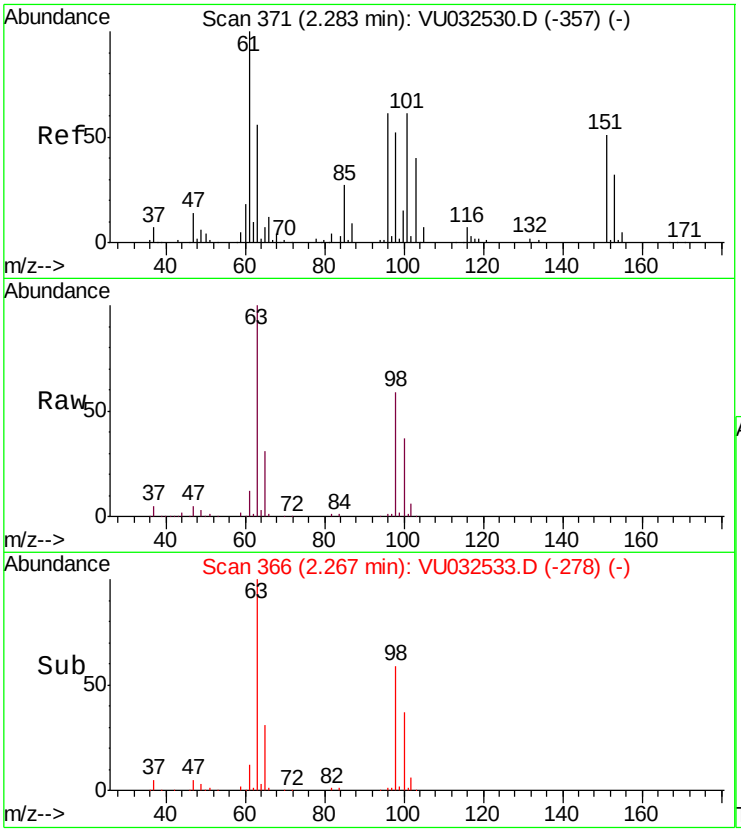
Quantitation Report (Not Reviewed)

Data File : VU032533.D
Acq On : 07 Jun 2019 11:09
Operator : JC/SP
Sample : K3224-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C60

Quant Time: Jun 07 22:22:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration



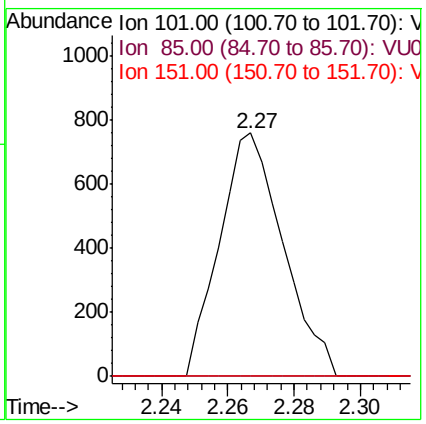


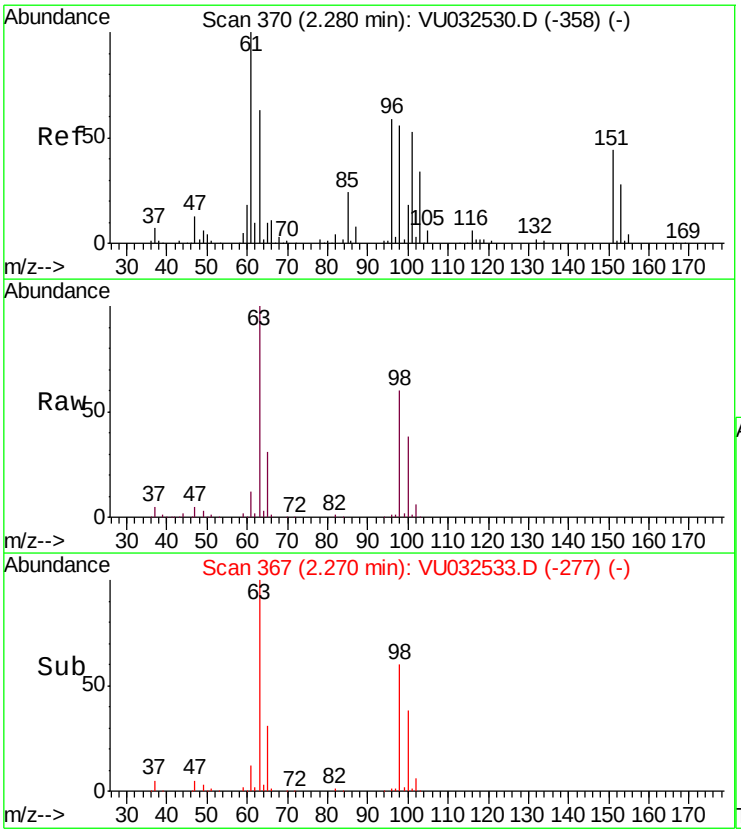
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.803 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
C0C60

Tgt Ion:101 Resp: 1012

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	63.0	94.4#

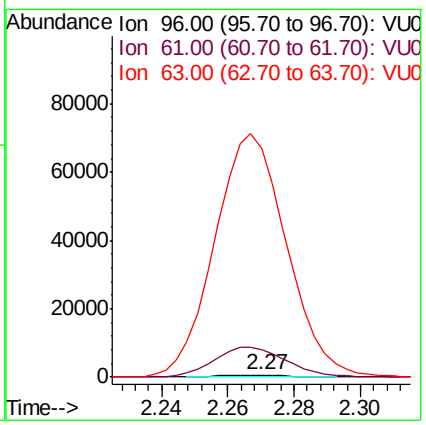


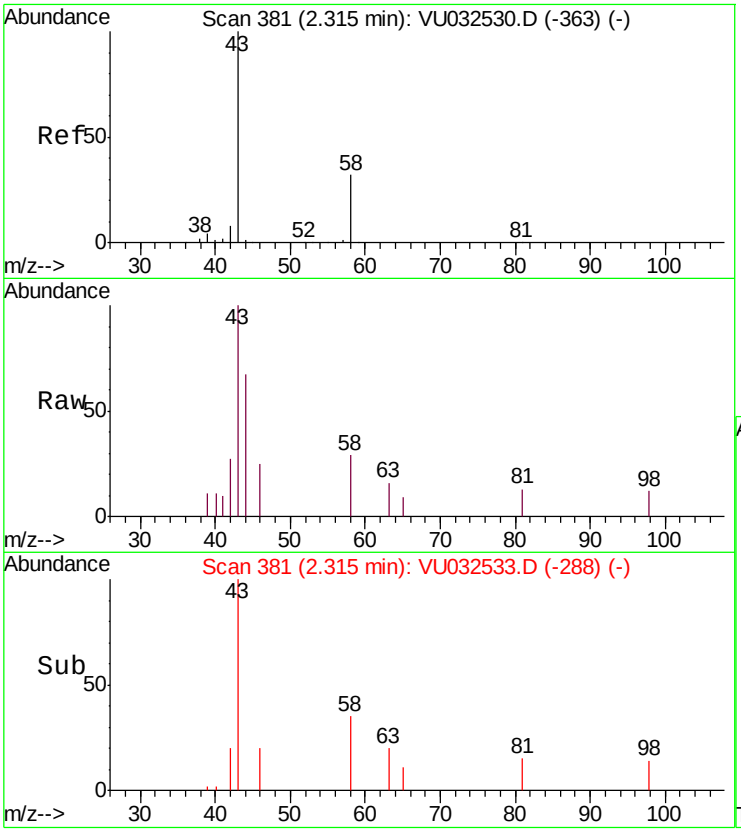


#12
1,1-Dichloroethene
Concen: 0.724 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Tgt Ion: 96 Resp: 886

Ion	Ratio	Lower	Upper
96	100		
61	1461.7	129.5	240.5#
63	11969.9	103.4	192.0#



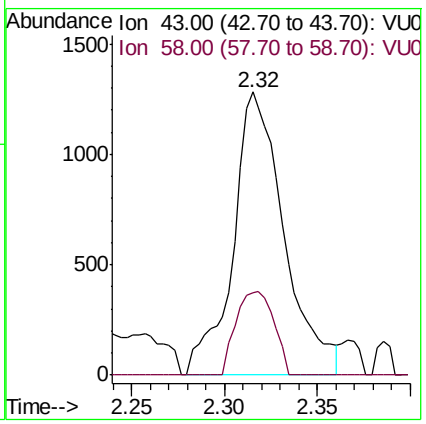


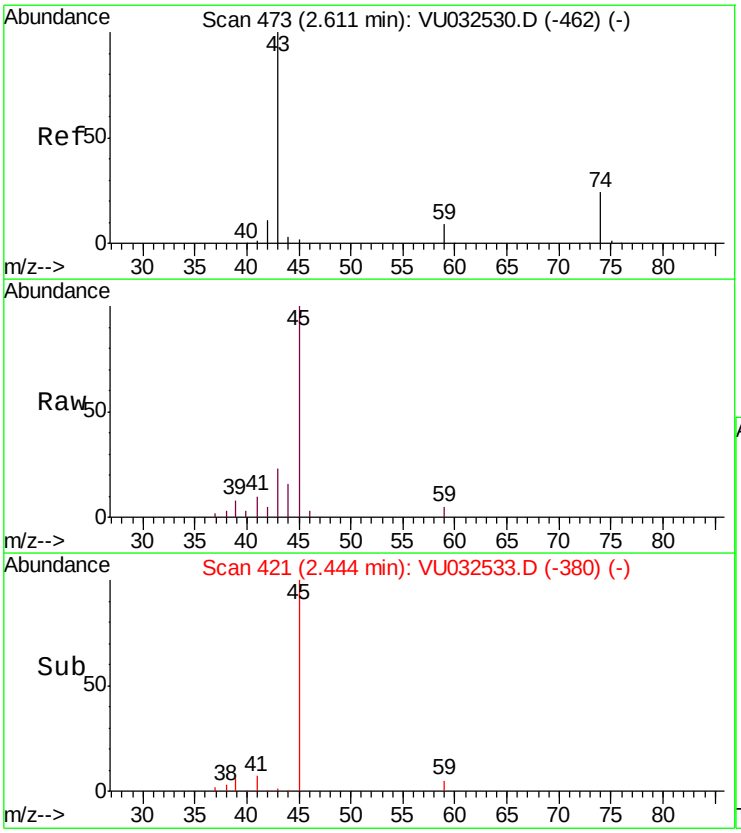
#13
Acetone
Concen: 2.128 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Instrument : MSVOA_U
ClientSampleId : C0C60

Tgt Ion: 43 Resp: 2457

Ion	Ratio	Lower	Upper
43	100		
58	21.8	0.0	64.0

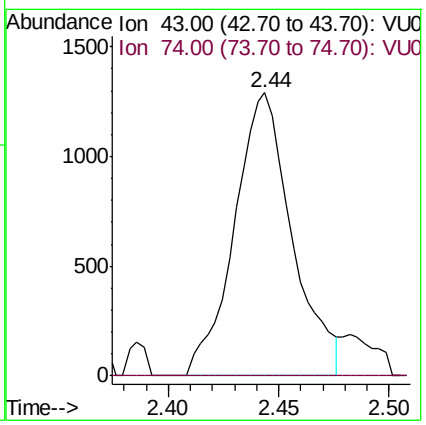


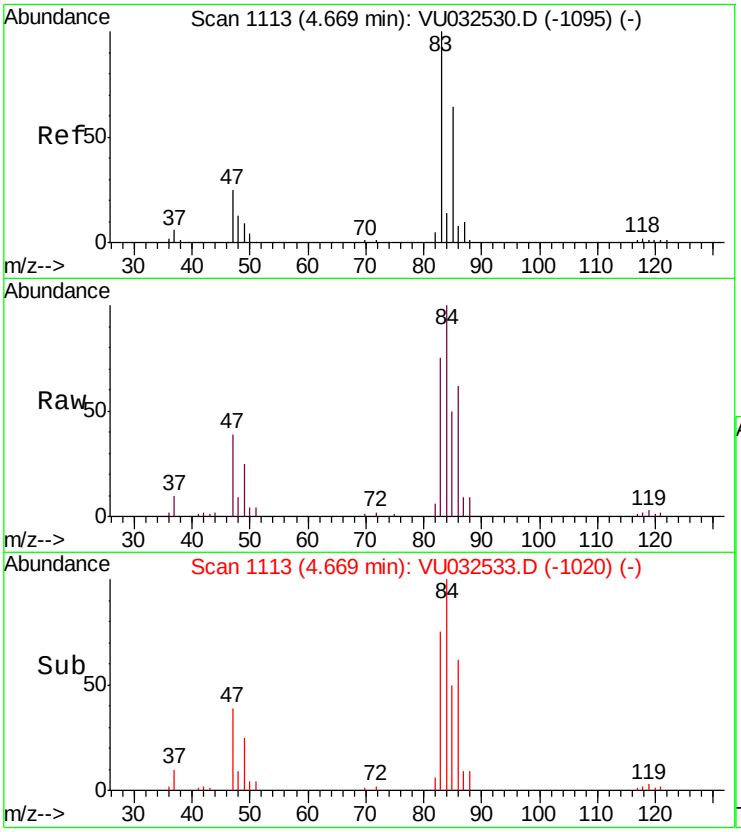


#15
Methyl Acetate
Concen: 1.422 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.17 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Tgt Ion: 43 Resp: 2345

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#



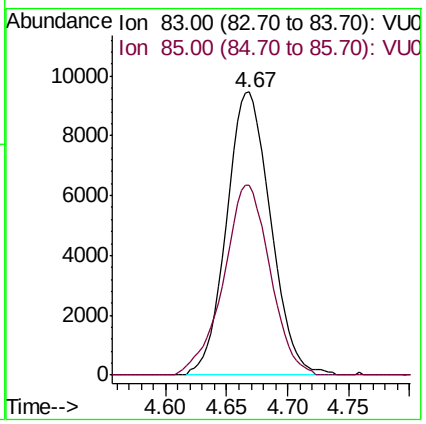


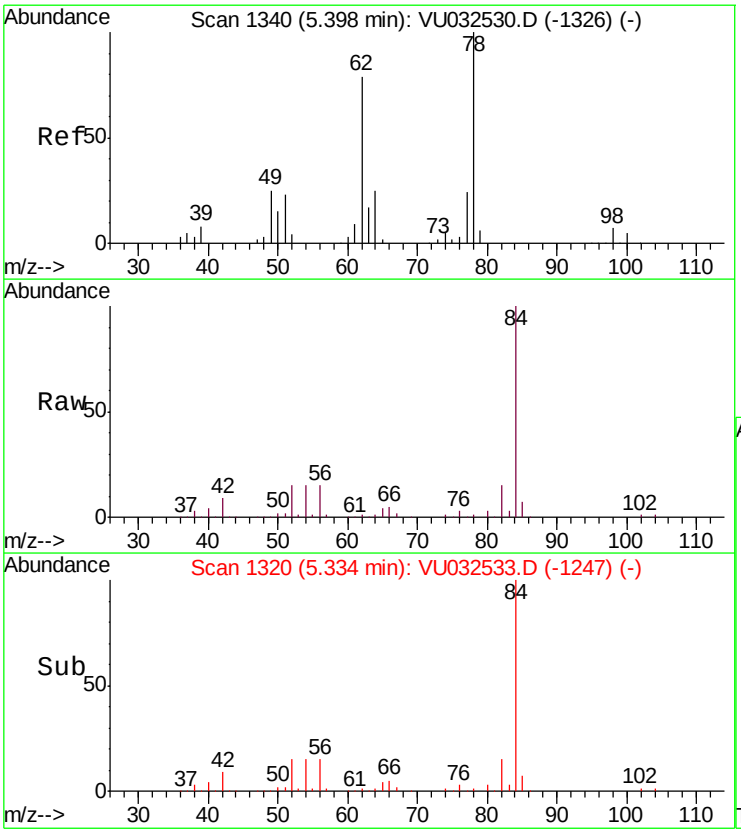
#25
Chloroform
Concen: 9.529 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Instrument : MSVOA_U
ClientSampleId : C0C60

Tgt Ion: 83 Resp: 23762

Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.7	82.9

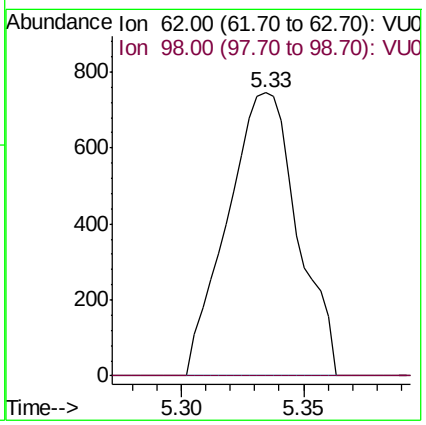


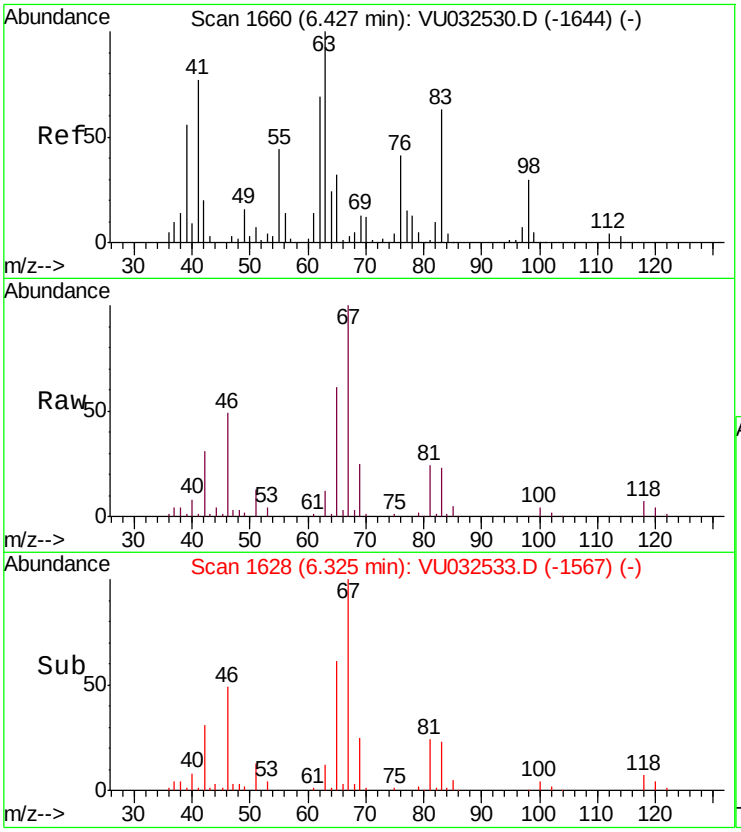


#27
1,2-Dichloroethane
Concen: 0.755 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Tgt Ion: 62 Resp: 1488

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



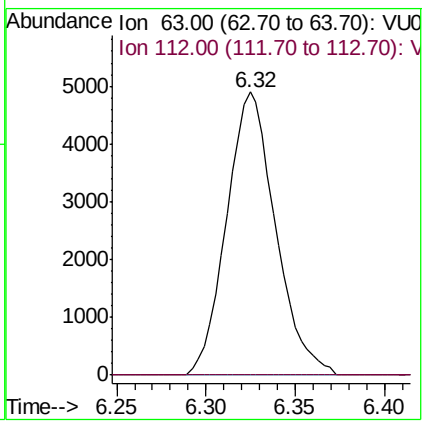


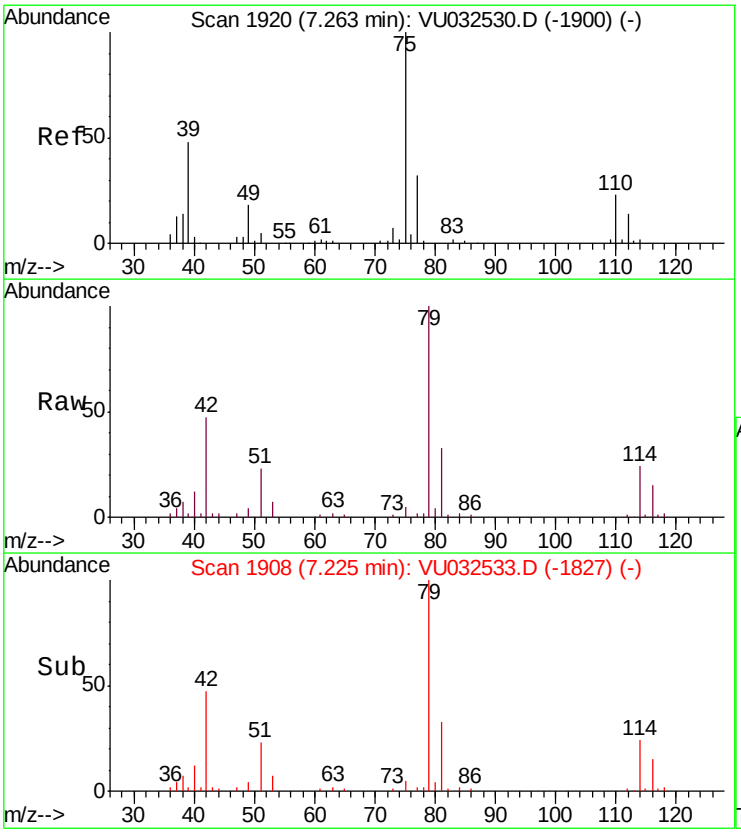
#37
1,2-Dichloropropane
Concen: 6.638 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Instrument : MSVOA_U
ClientSampleId : C0C60

Tgt Ion: 63 Resp: 9338

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

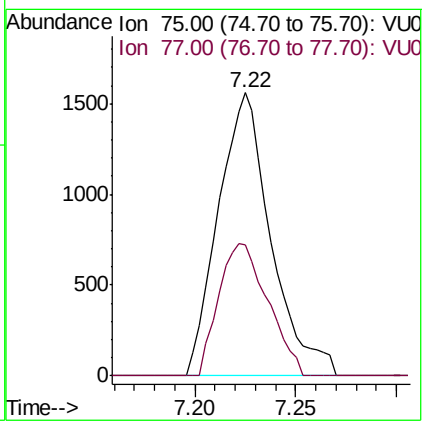


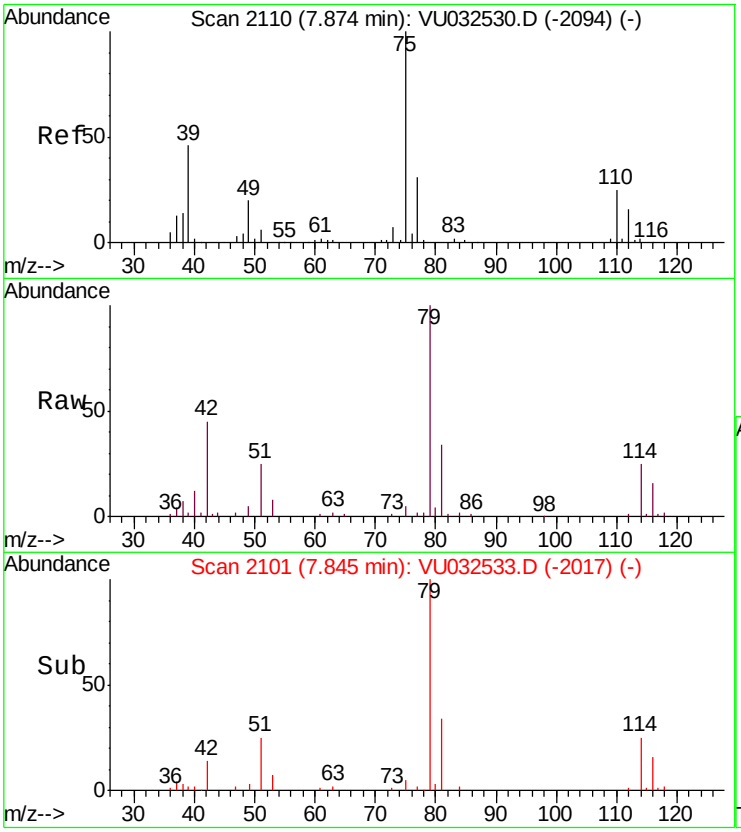


#39
cis-1,3-Dichloropropene
Concen: 1.276 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Tgt Ion: 75 Resp: 2832

Ion	Ratio	Lower	Upper
75	100		
77	46.3	22.0	41.0#



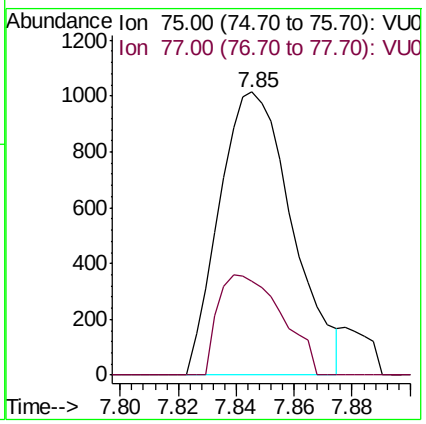


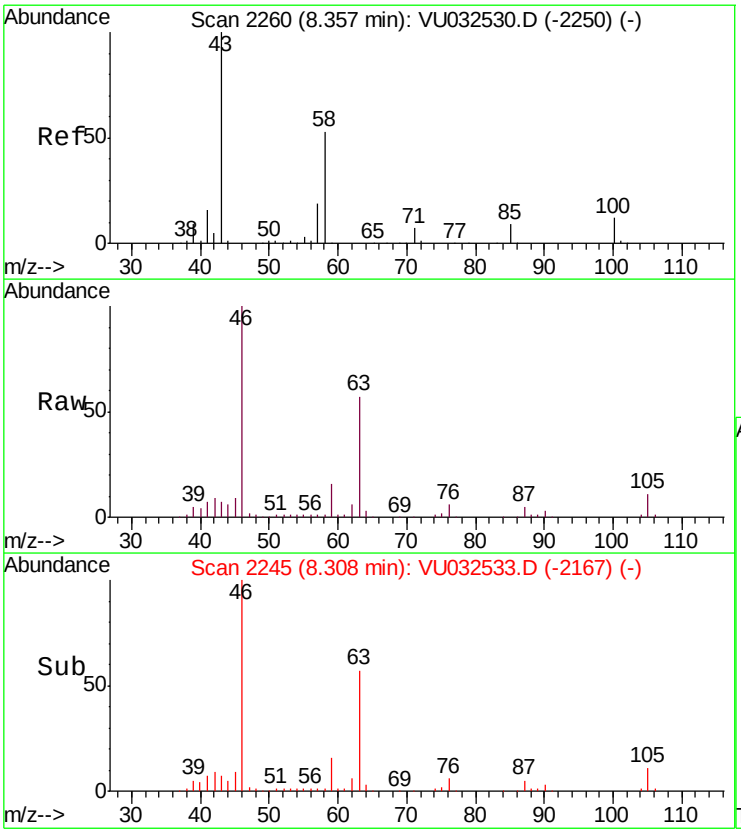
#44
trans-1,3-Dichloropropene
Concen: 0.897 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
C0C60

Tgt Ion: 75 Resp: 1767

Ion	Ratio	Lower	Upper
75	100		
77	33.3	22.1	41.1

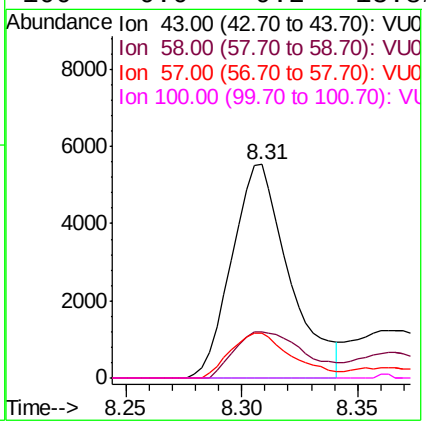


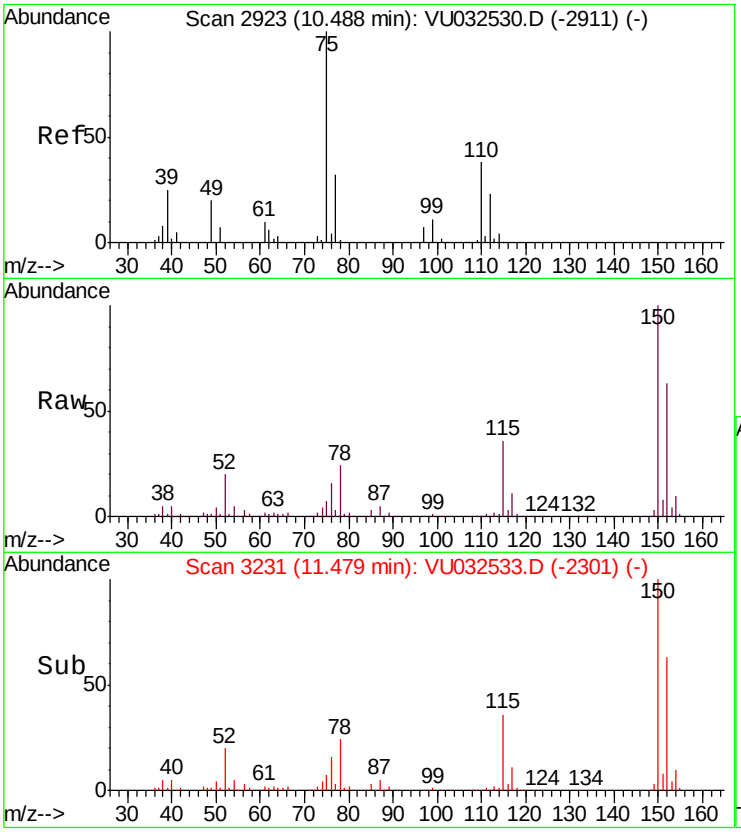


#48
2-Hexanone
Concen: 5.123 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Tgt Ion: 43 Resp: 9522

Ion	Ratio	Lower	Upper
43	100		
58	26.5	42.0	63.0#
57	22.4	14.6	22.0#
100	0.0	9.2	13.8#



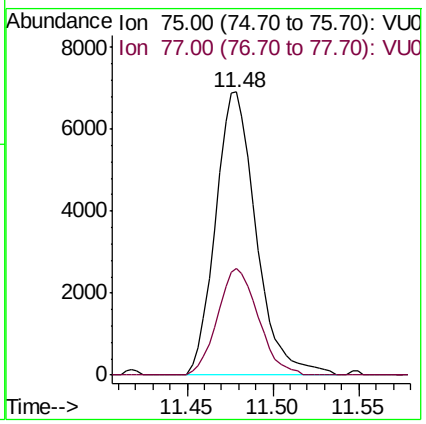


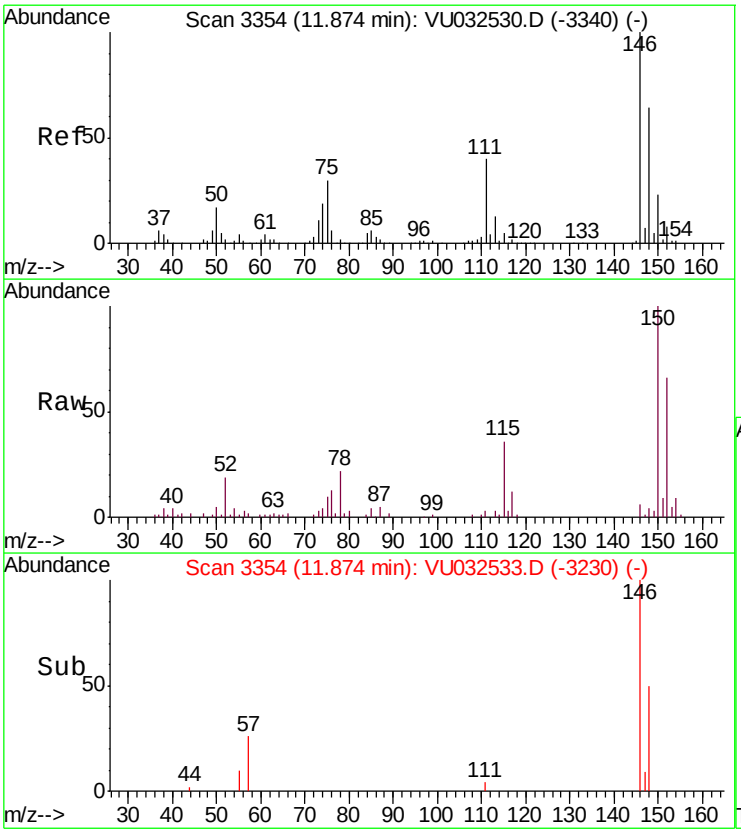
#59
1,2,3-Trichloropropane
Concen: 6.235 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
C0C60

Tgt Ion: 75 Resp: 11402

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.6	38.4





#65
1,2-Dichlorobenzene
Concen: 0.767 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU032533.D
Acq: 07 Jun 2019 11:09

Tgt Ion:146 Resp: 2277

Ion	Ratio	Lower	Upper
146	100		
111	53.3	32.6	48.8#
148	66.2	50.5	75.7