Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

Quantitation Report (Not Reviewed)

Data File : VU032564.D
Acq On : 10 Jun 2019 14:28
Operator : JC/SP
Sample : K3277-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8B2

Quant Time: Jun 11 04:45:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198904	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187415	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95093	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	62932	48.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.54%			
7) Chloroethane-d5	1.68	69	50792	48.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.96%			
11) 1,1-Dichloroethene-d2	2.27	63	92116	36.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.92%			
21) 2-Butanone-d5	4.17	46	103883	96.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.19%			
24) Chloroform-d	4.64	84	113472	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.30%			
26) 1,2-Dichloroethane-d4	5.30	65	75889	50.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.10%			
32) Benzene-d6	5.33	84	237883	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.78%			
36) 1,2-Dichloropropane-d6	6.32	67	74529	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.70%			
41) Toluene-d8	7.56	98	221177	47.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.88%			
43) trans-1,3-Dichloropropene-	7.85	79	36044	49.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.74%			
47) 2-Hexanone-d5	8.31	63	67468	91.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.17%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103598	46.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.72%			
64) 1,2-Dichlorobenzene-d4	11.85	152	89711	49.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.50%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	811	0.667	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	798	0.676	ug/L #	1
13) Acetone	2.32	43	4344	3.898	ug/L	90
15) Methyl Acetate	2.44	43	1813	1.140	ug/L #	53
27) 1,2-Dichloroethane	5.33	62	1338	0.703	ug/L #	75
34) Trichloroethene	6.18	95	210607	147.008	ug/L	99
37) 1,2-Dichloropropane	6.32	63	8440	6.046	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2300	1.044	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1604	0.821	ug/L #	79
46) Tetrachloroethene	8.23	164	547	0.462	ug/L	94
48) 2-Hexanone	8.36	43	3510	1.903	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	10830	5.968	ug/L	90

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

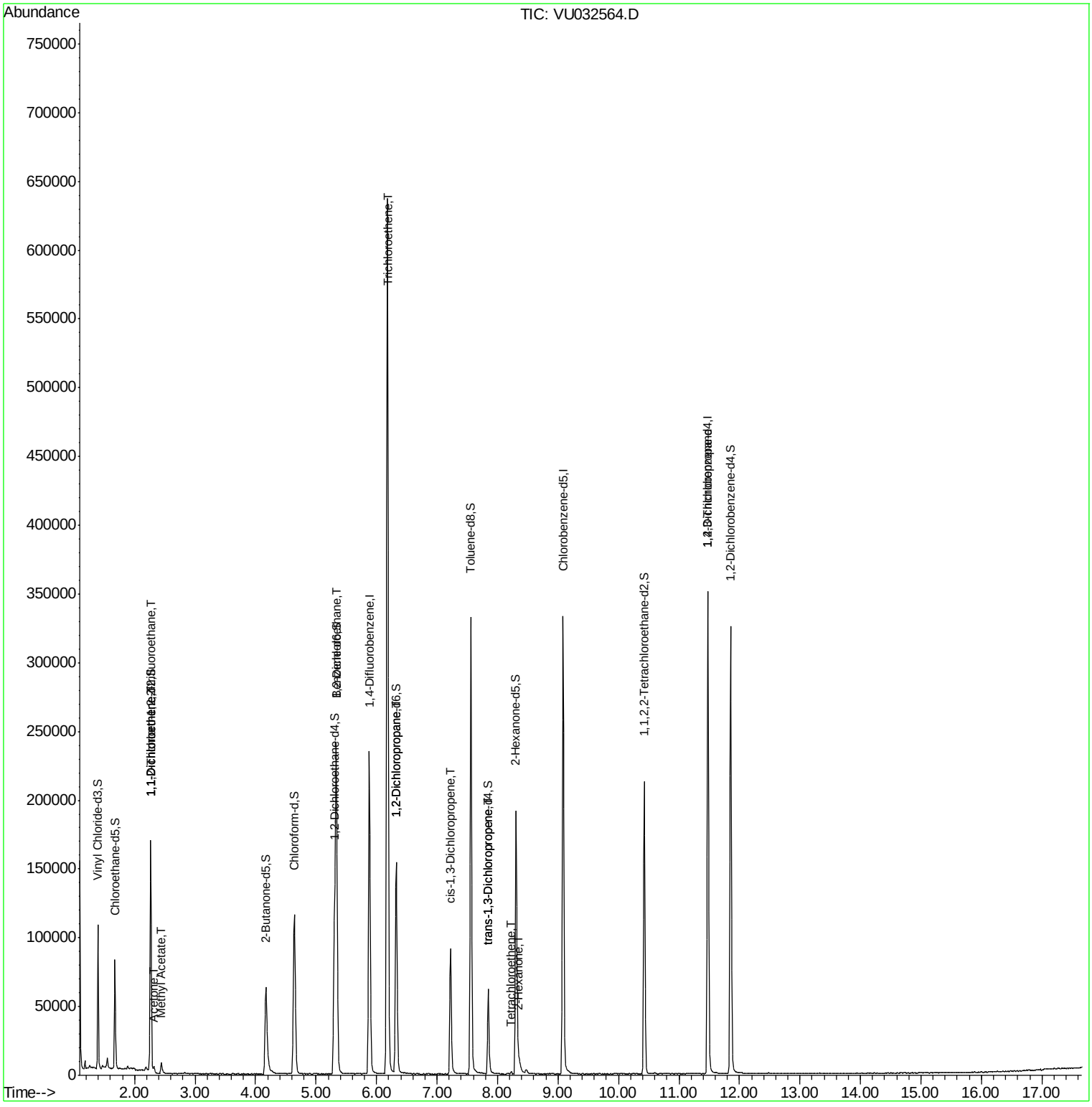
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

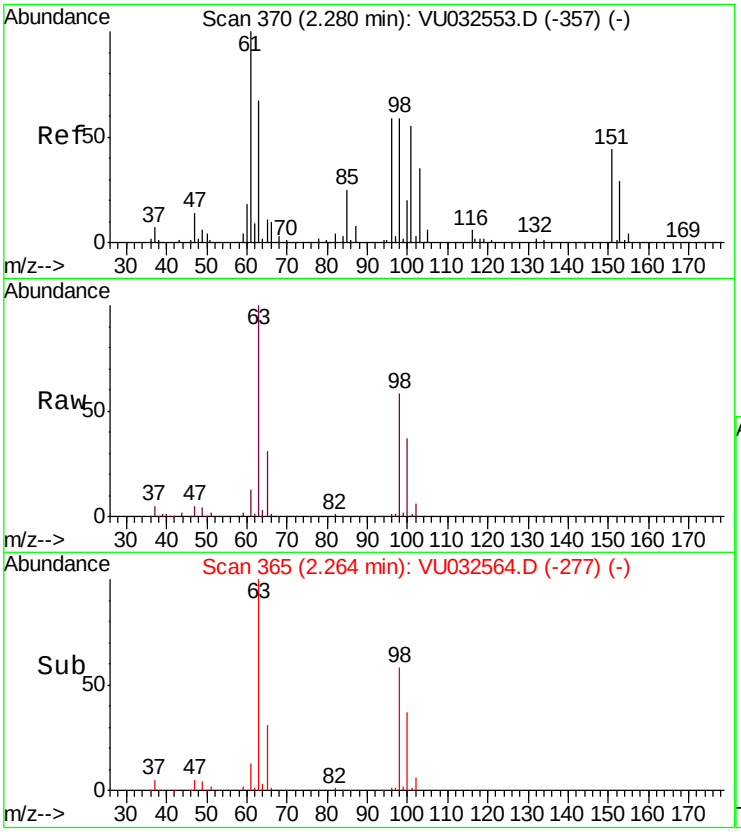
Quantitation Report (Not Reviewed)

Data File : VU032564.D
Acq On : 10 Jun 2019 14:28
Operator : JC/SP
Sample : K3277-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B2

Quant Time: Jun 11 04:45:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration



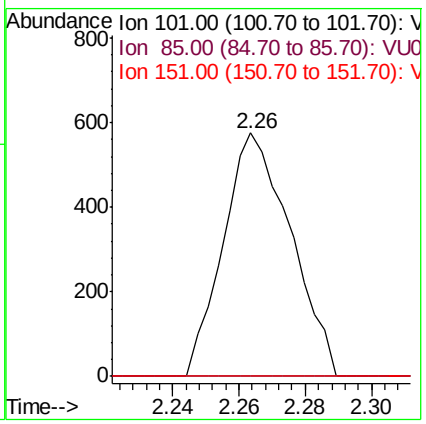


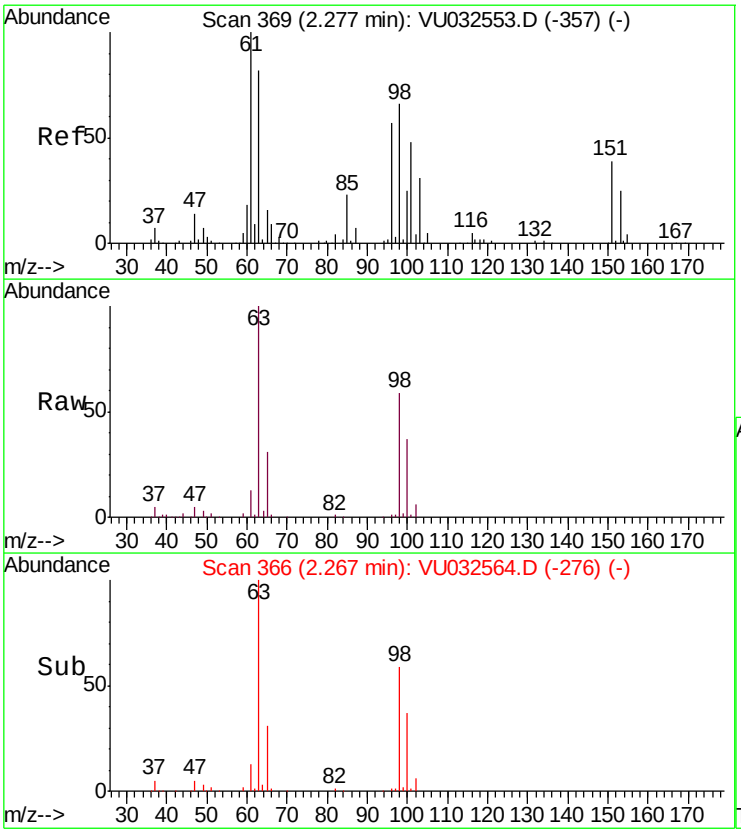
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.667 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Instrument :
MSVOA_U
ClientSampleId :
DB8B2

Tgt Ion:101 Resp: 811

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

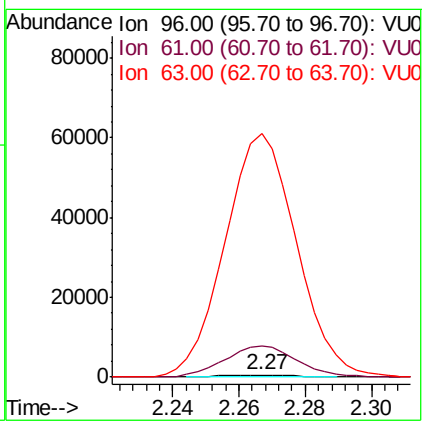


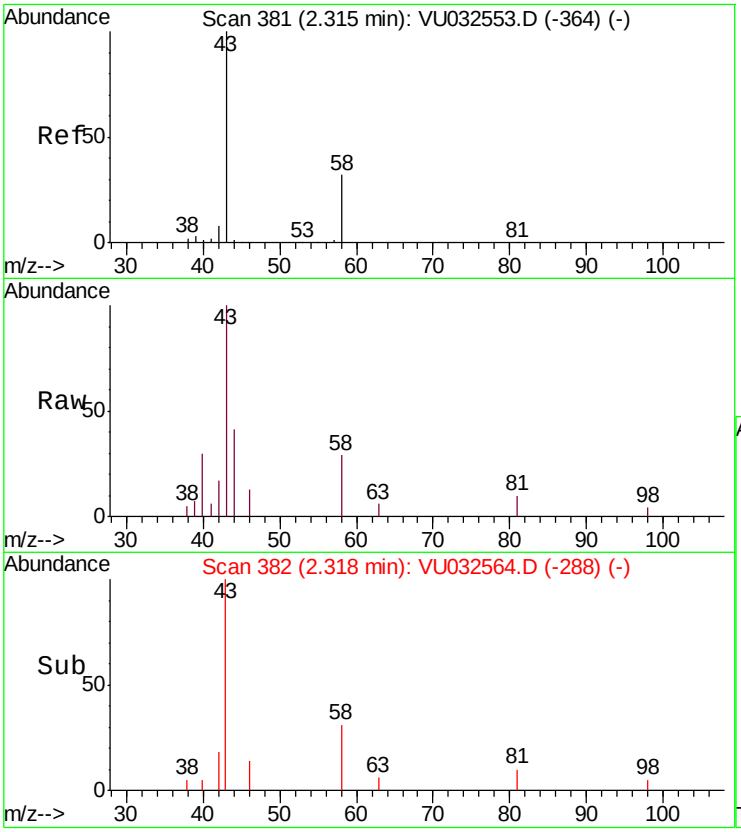


#12
1,1-Dichloroethene
Concen: 0.676 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Tgt Ion: 96 Resp: 798

Ion	Ratio	Lower	Upper
96	100		
61	1480.0	129.5	240.5#
63	11415.3	103.4	192.0#



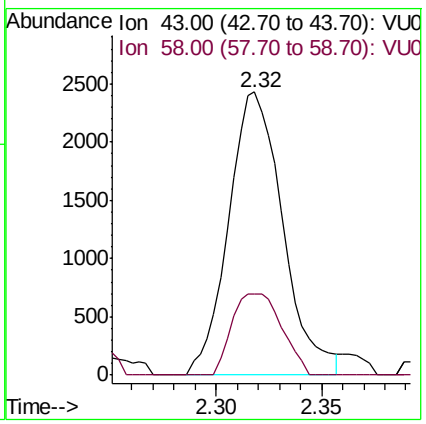


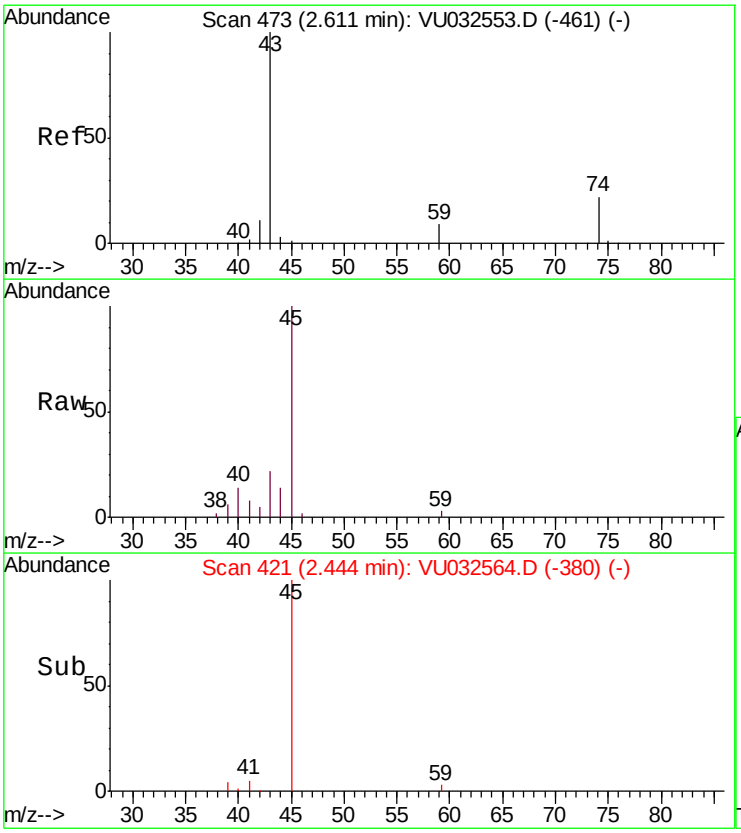
#13
Acetone
Concen: 3.898 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Instrument : MSVOA_U
ClientSampleId : DB8B2

Tgt Ion: 43 Resp: 4344

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	64.0

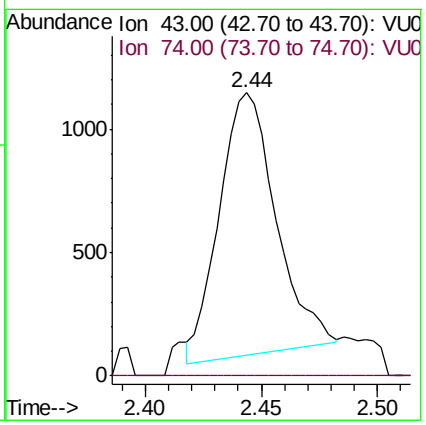


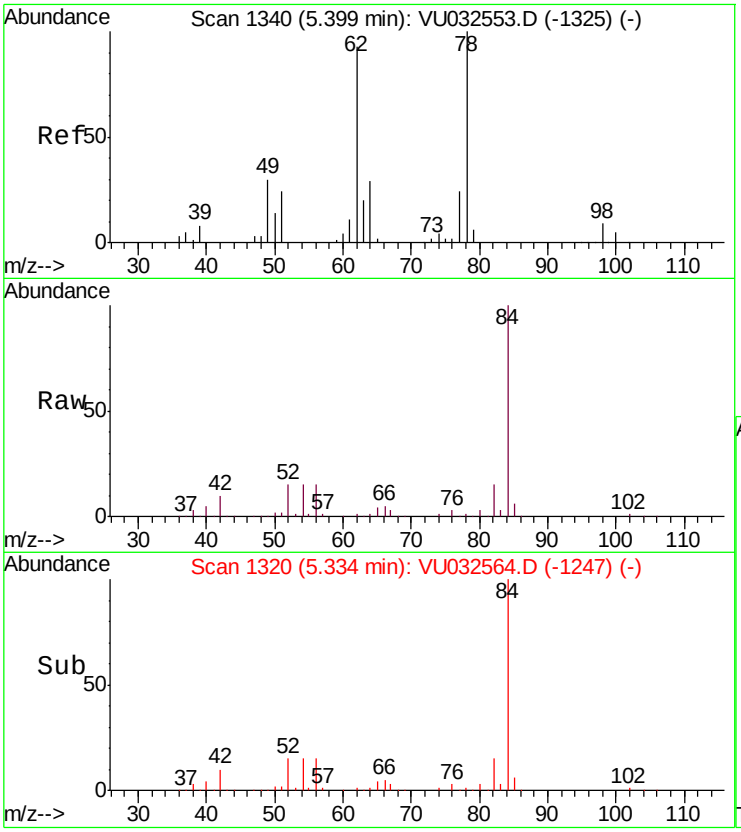


#15
Methyl Acetate
Concen: 1.140 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.17 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Tgt Ion: 43 Resp: 1813

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#



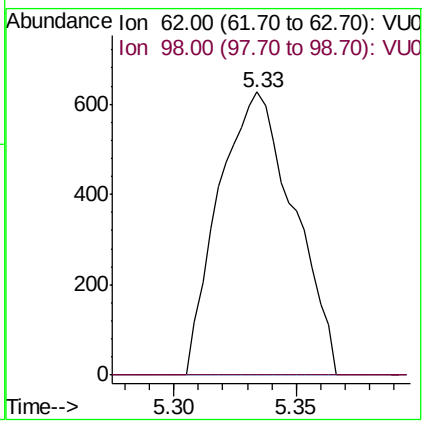


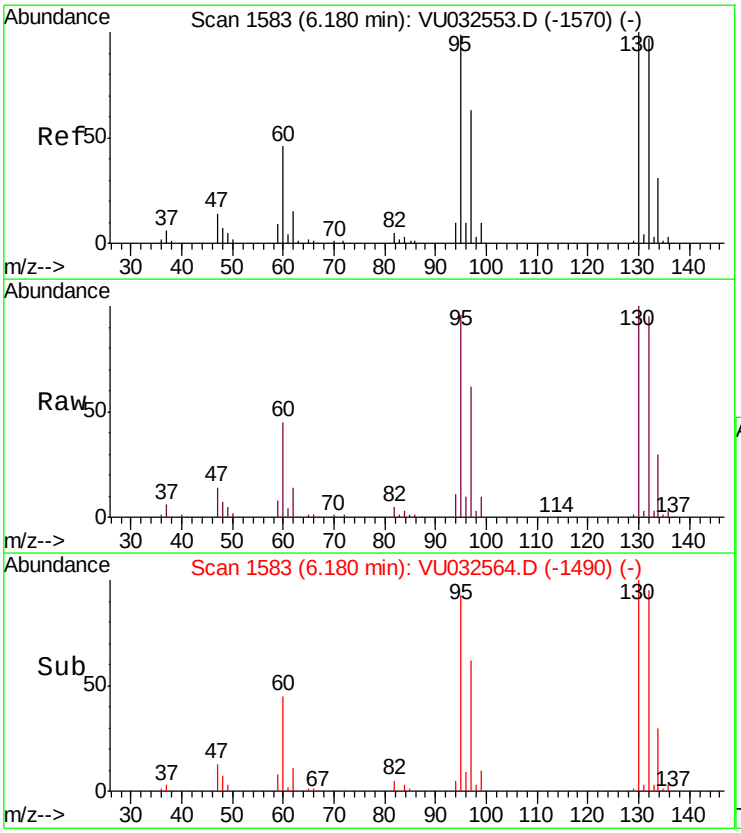
#27
1,2-Dichloroethane
Concen: 0.703 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Instrument :
MSVOA_U
ClientSampleId :
DB8B2

Tgt Ion: 62 Resp: 1338

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

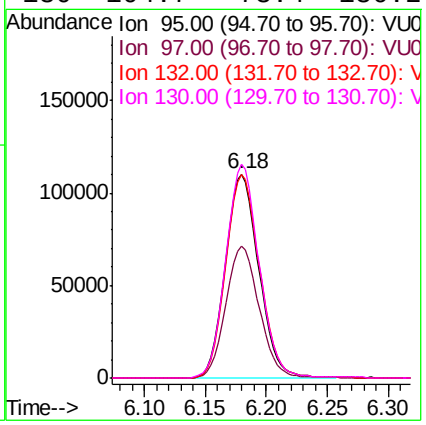


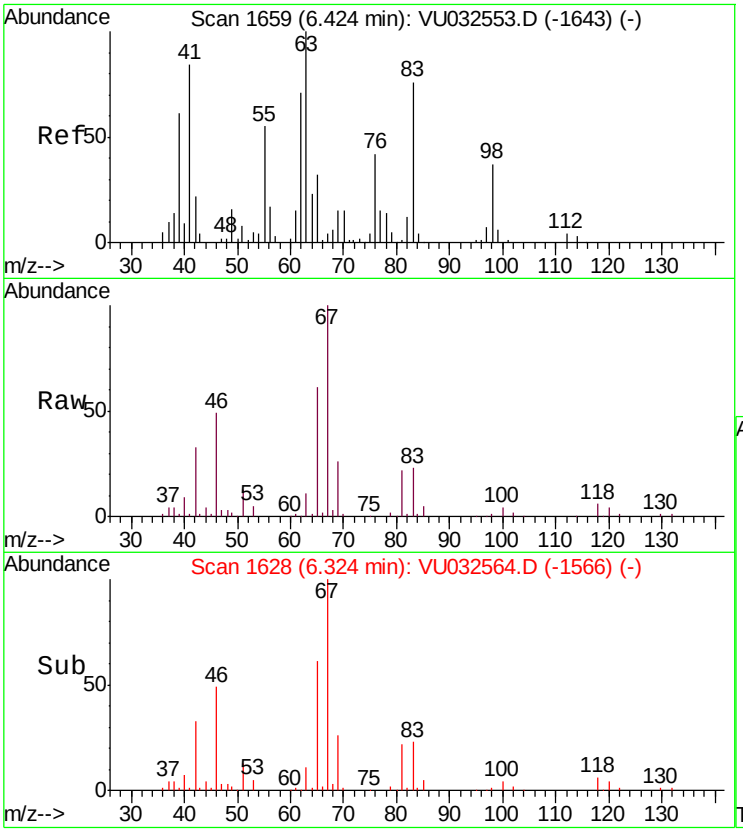


#34
Trichloroethene
Concen: 147.008 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Tgt Ion: 95 Resp: 210607

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.8	85.2
132	99.8	71.0	131.8
130	104.7	73.4	136.2



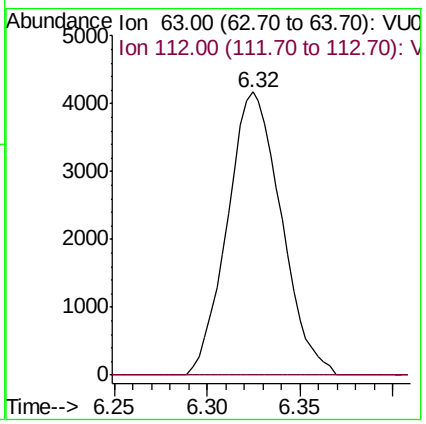


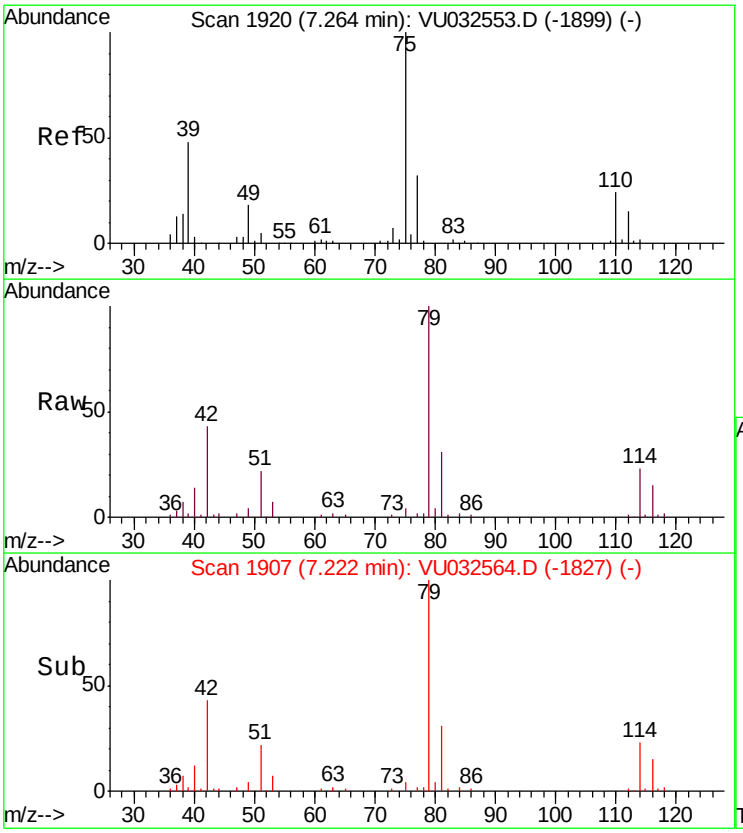
#37
1,2-Dichloropropane
Concen: 6.046 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Instrument : MSVOA_U
ClientSampleId : DB8B2

Tgt Ion: 63 Resp: 8440

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

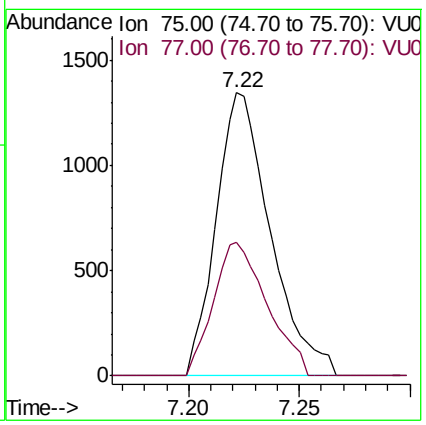


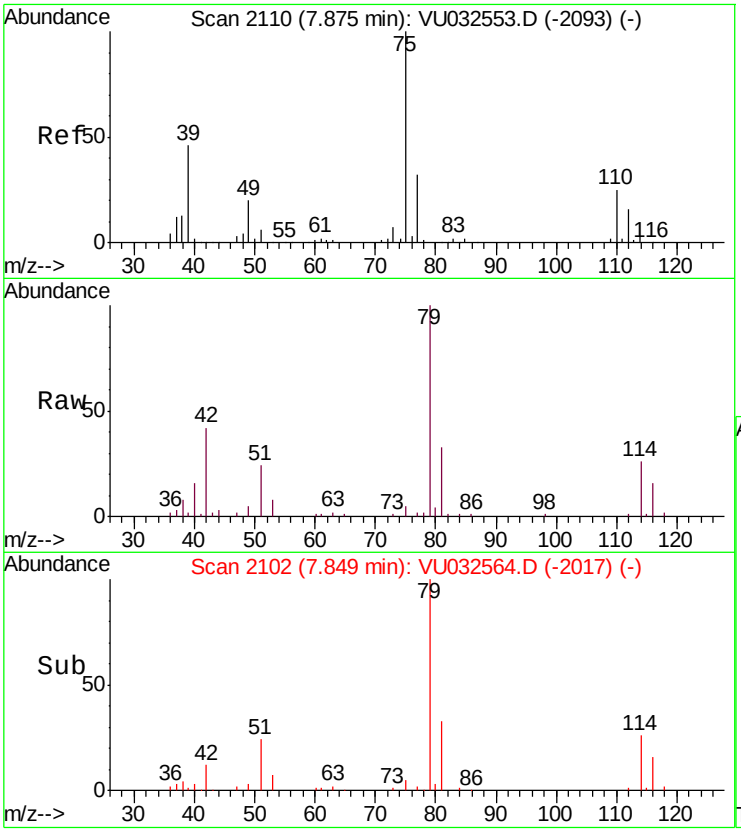


#39
cis-1,3-Dichloropropene
Concen: 1.044 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Tgt Ion: 75 Resp: 2300

Ion	Ratio	Lower	Upper
75	100		
77	47.3	22.0	41.0#



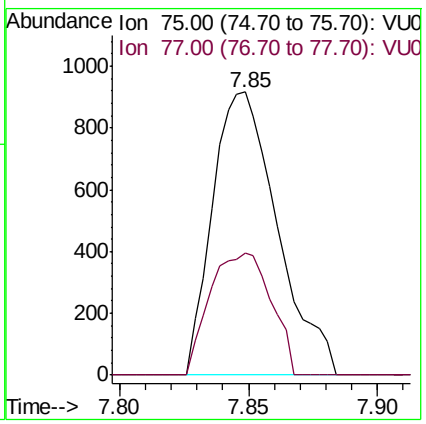


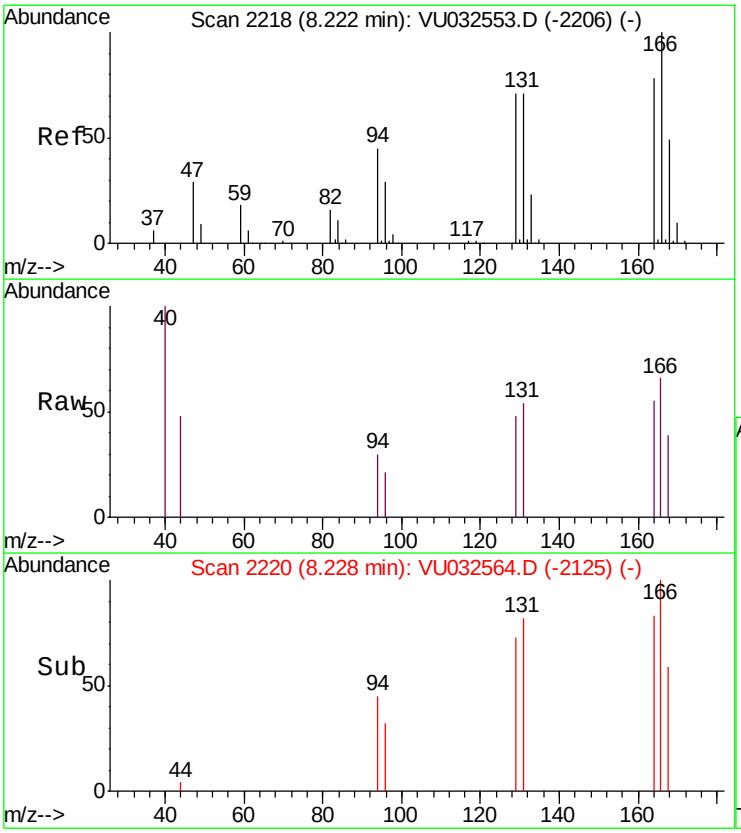
#44
trans-1,3-Dichloropropene
Concen: 0.821 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Instrument : MSVOA_U
ClientSampleId : DB8B2

Tgt Ion: 75 Resp: 1604

Ion	Ratio	Lower	Upper
75	100		
77	43.2	22.1	41.1#

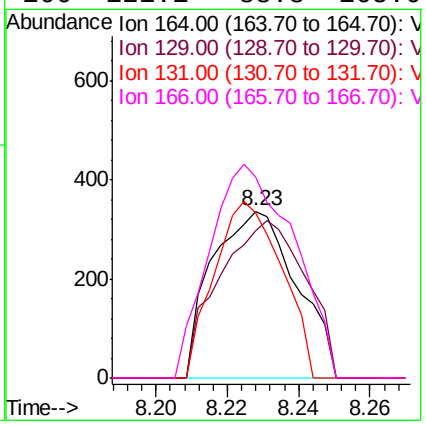


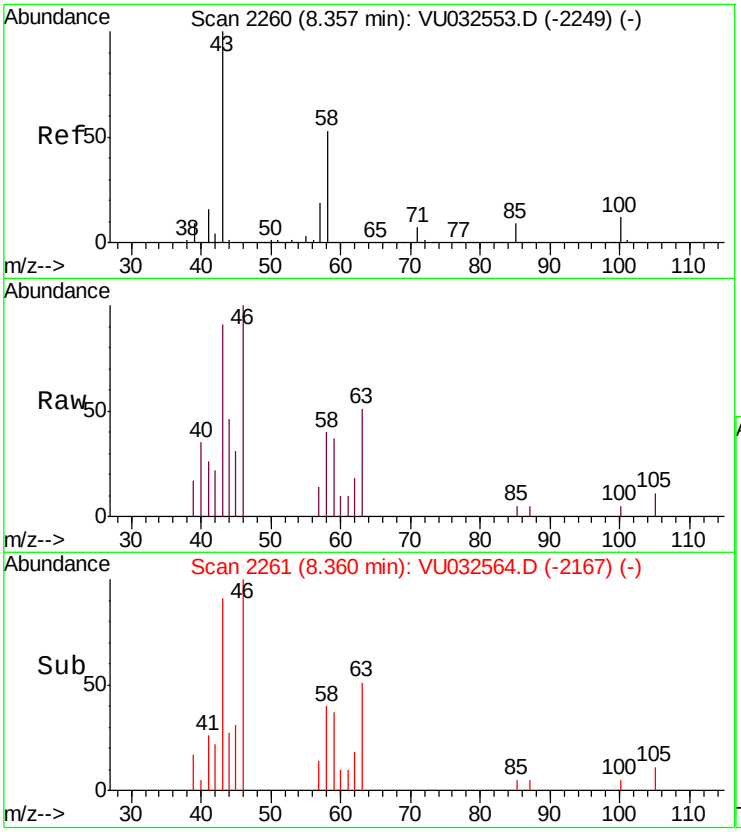


#46
Tetrachloroethene
Concen: 0.462 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Tgt Ion:164 Resp: 547

Ion	Ratio	Lower	Upper
164	100		
129	88.4	65.3	121.3
131	99.4	64.0	119.0
166	121.1	88.8	165.0



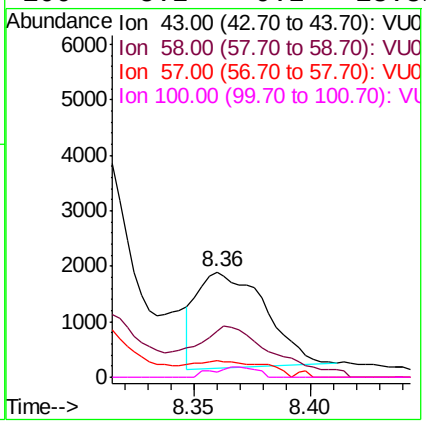


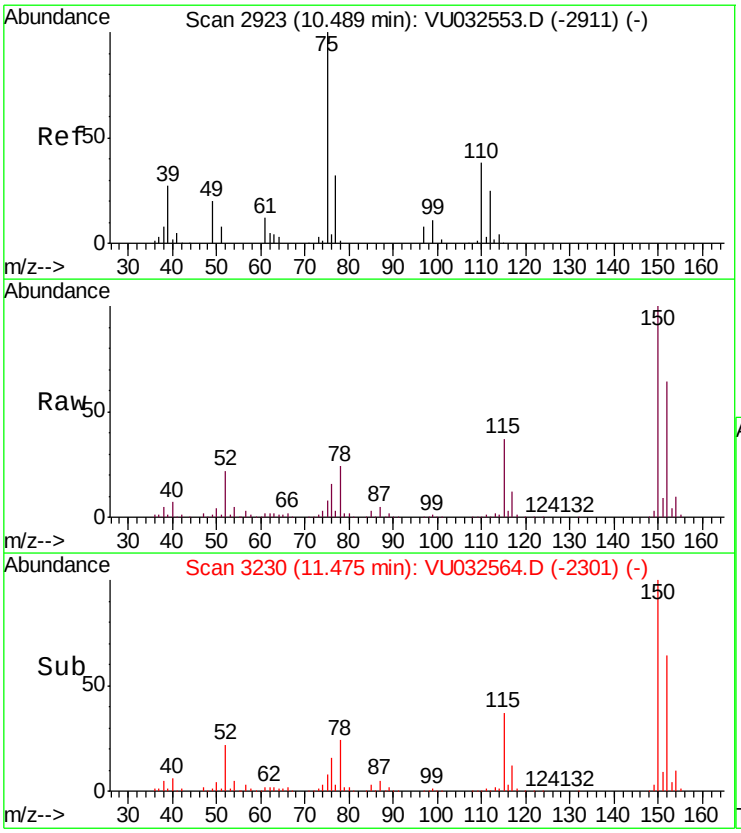
#48
2-Hexanone
Concen: 1.903 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Instrument : MSVOA_U
ClientSampleId : DB8B2

Tgt Ion: 43 Resp: 3510

Ion	Ratio	Lower	Upper
43	100		
58	41.1	42.0	63.0#
57	4.6	14.6	22.0#
100	5.2	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.968 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032564.D
Acq: 10 Jun 2019 14:28

Tgt Ion: 75 Resp: 10830

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.6	38.4