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

Quantitation Report (Not Reviewed)

Data File : VU032579.D
Acq On : 10 Jun 2019 20:48
Operator : JC/SP
Sample : K3277-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C0

Quant Time: Jun 11 05:43:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189041	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	177868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89608	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	59410	48.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.88%			
7) Chloroethane-d5	1.67	69	48582	49.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.58%			
11) 1,1-Dichloroethene-d2	2.27	63	87994	36.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.28%			
21) 2-Butanone-d5	4.17	46	115335	112.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.37%			
24) Chloroform-d	4.64	84	110664	48.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.76%			
26) 1,2-Dichloroethane-d4	5.30	65	73988	51.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.70%			
32) Benzene-d6	5.33	84	229315	49.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.32%			
36) 1,2-Dichloropropane-d6	6.32	67	72821	50.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.58%			
41) Toluene-d8	7.56	98	212471	48.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.06%			
43) trans-1,3-Dichloropropene-	7.85	79	33059	47.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.42%			
47) 2-Hexanone-d5	8.31	63	71694	102.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105597	50.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.66%			
64) 1,2-Dichlorobenzene-d4	11.85	152	87779	51.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.28%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	714	0.618	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	695	0.620	ug/L #	1
13) Acetone	2.32	43	7471	7.055	ug/L	98
27) 1,2-Dichloroethane	5.33	62	1412	0.781	ug/L #	75
34) Trichloroethene	6.18	95	82680	60.810	ug/L	99
37) 1,2-Dichloropropane	6.32	63	8089	6.106	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2149	1.028	ug/L #	66
42) Toluene	7.64	91	4244	0.775	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	1560	0.841	ug/L	94
48) 2-Hexanone	8.36	43	5363	3.064	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	10250	5.952	ug/L	90

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

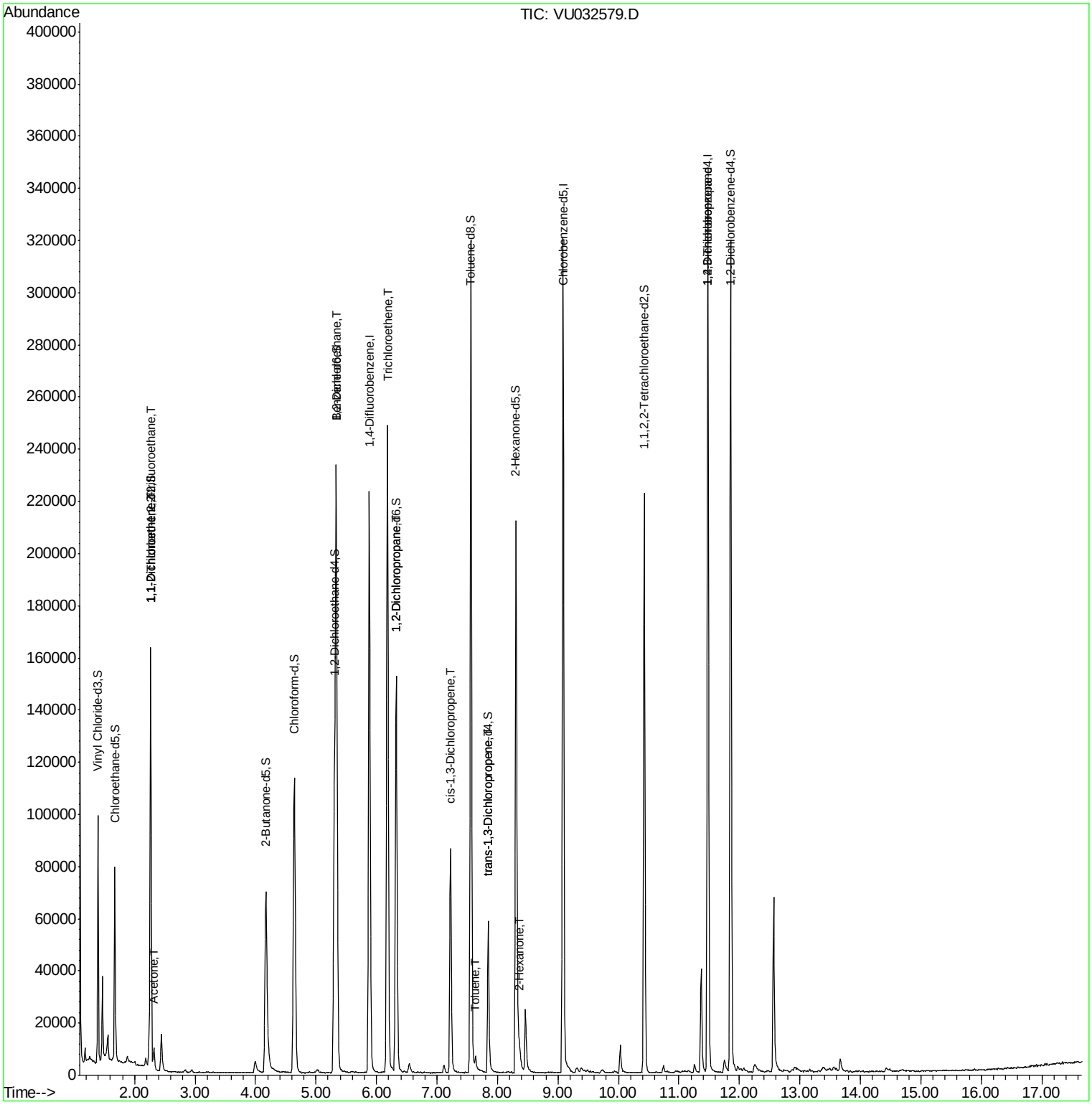
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

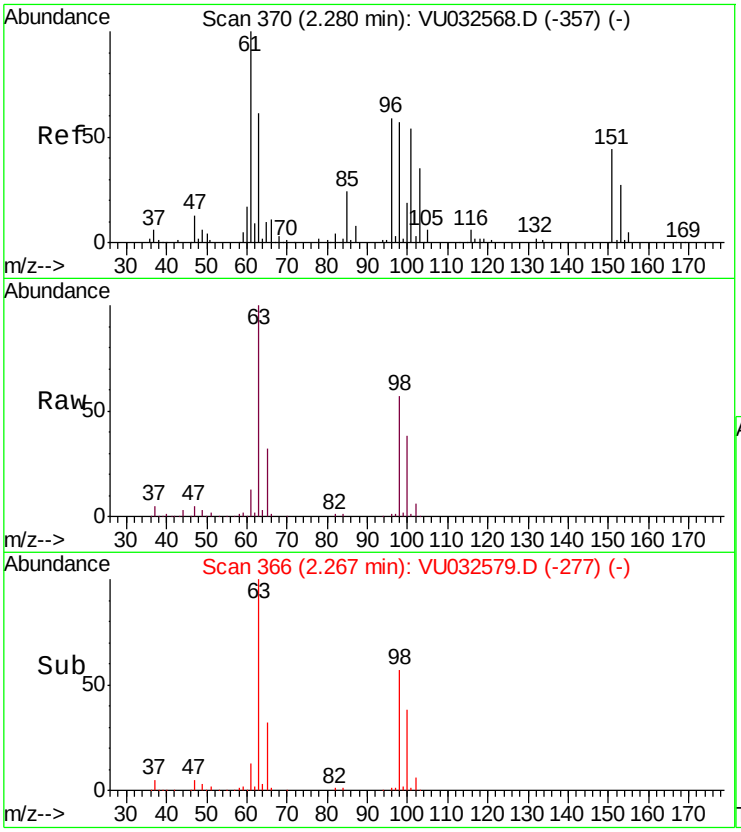
Quantitation Report (Not Reviewed)

Data File : VU032579.D
Acq On : 10 Jun 2019 20:48
Operator : JC/SP
Sample : K3277-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C0

Quant Time: Jun 11 05:43:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration



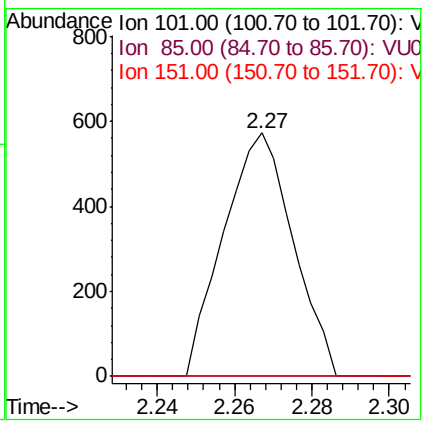


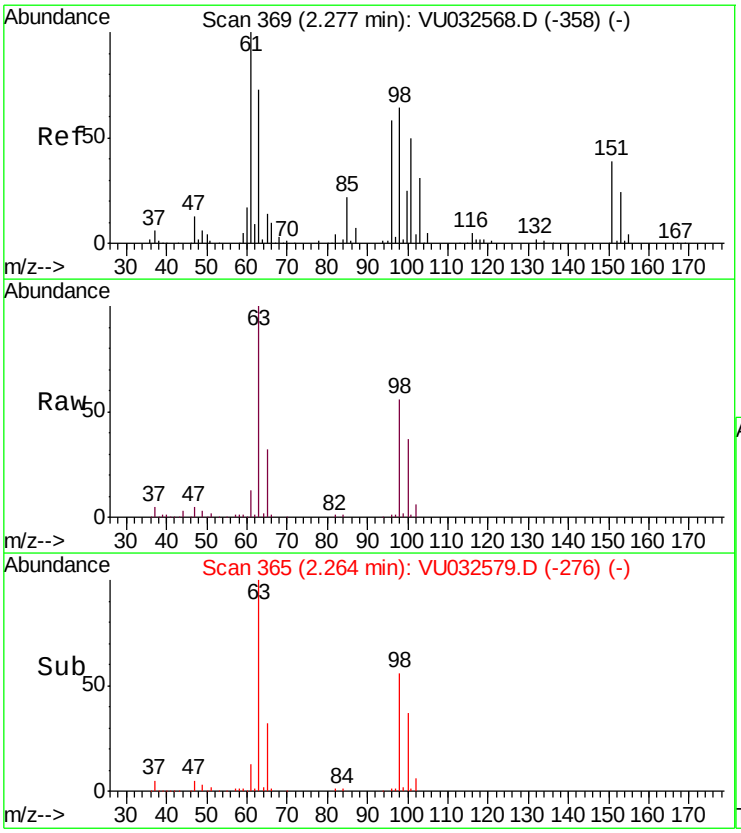
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.618 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
DB8C0

Tgt Ion:101 Resp: 714

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

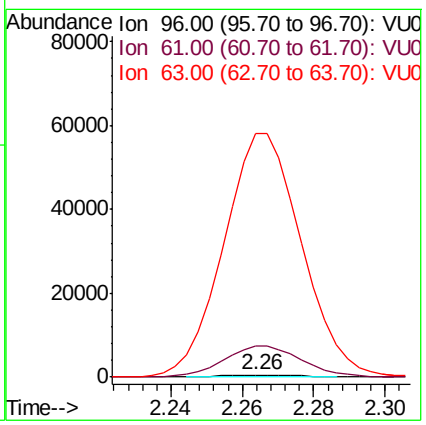


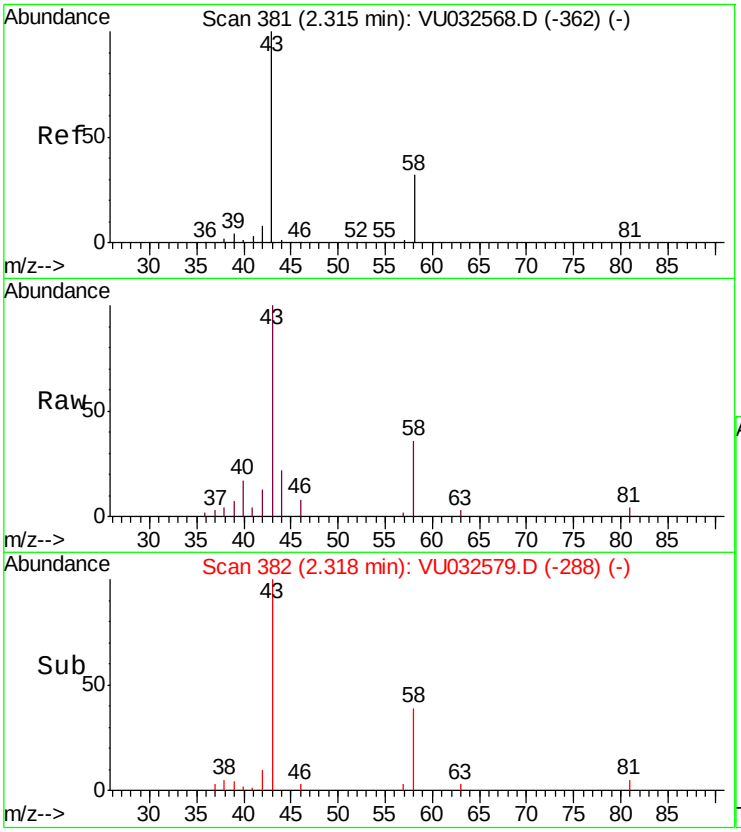


#12
1,1-Dichloroethene
Concen: 0.620 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Tgt Ion: 96 Resp: 695

Ion	Ratio	Lower	Upper
96	100		
61	1560.0	129.5	240.5#
63	12289.8	103.4	192.0#



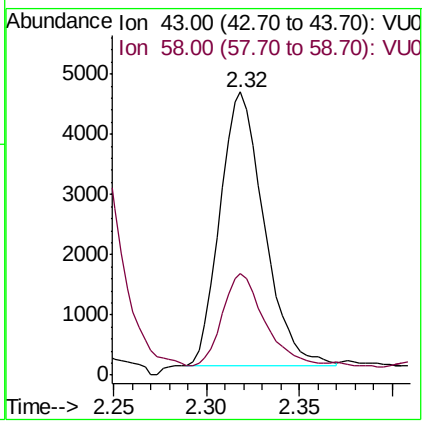


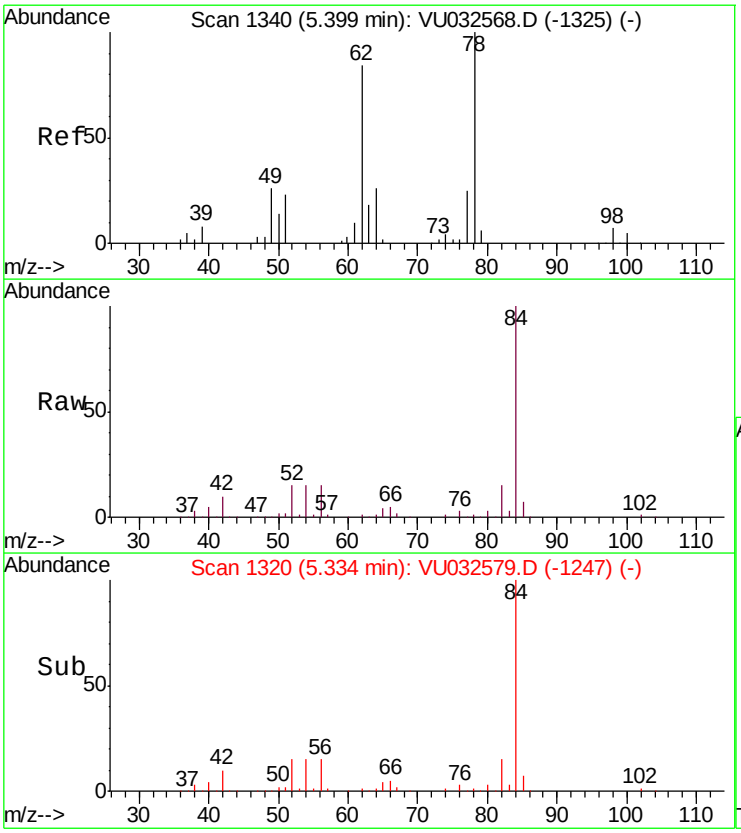
#13
Acetone
Concen: 7.055 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
DB8C0

Tgt Ion: 43 Resp: 7471

Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	64.0

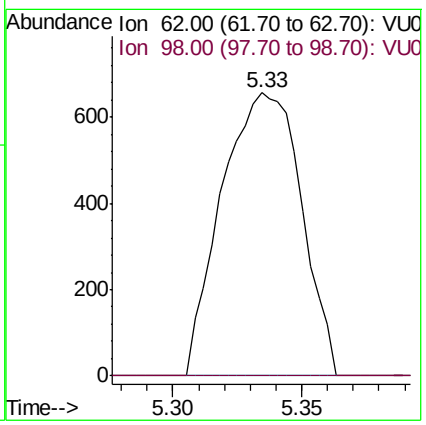


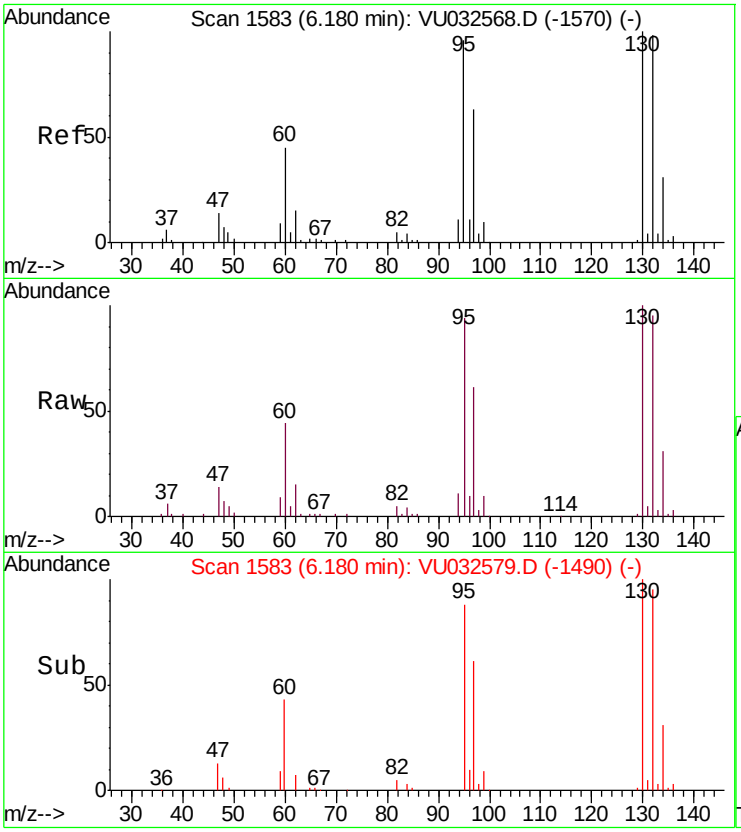


#27
1,2-Dichloroethane
Concen: 0.781 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Tgt Ion: 62 Resp: 1412

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



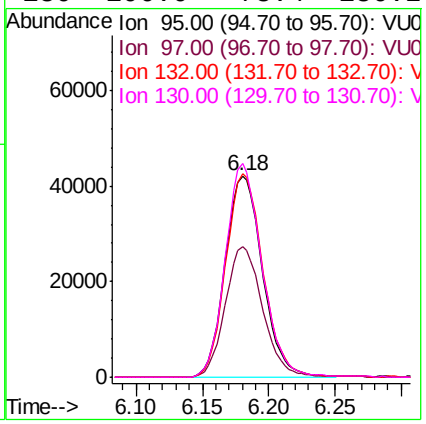


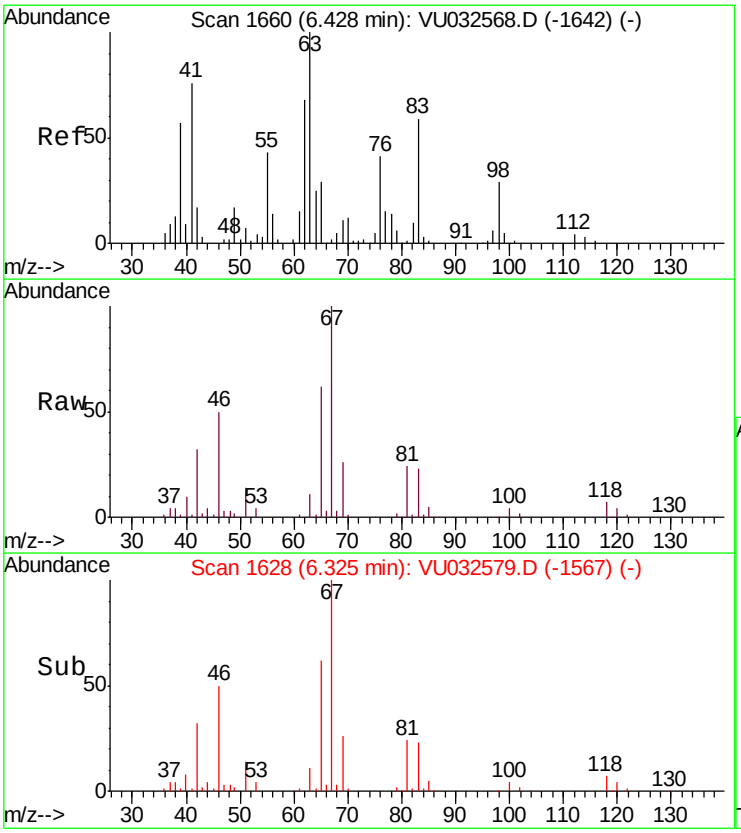
#34
Trichloroethene
Concen: 60.810 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
DB8C0

Tgt Ion: 95 Resp: 82680

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	101.0	71.0	131.8
130	106.0	73.4	136.2

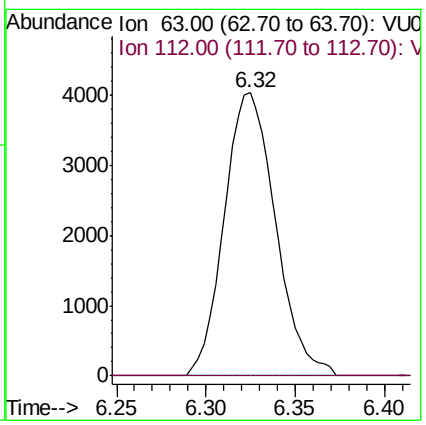


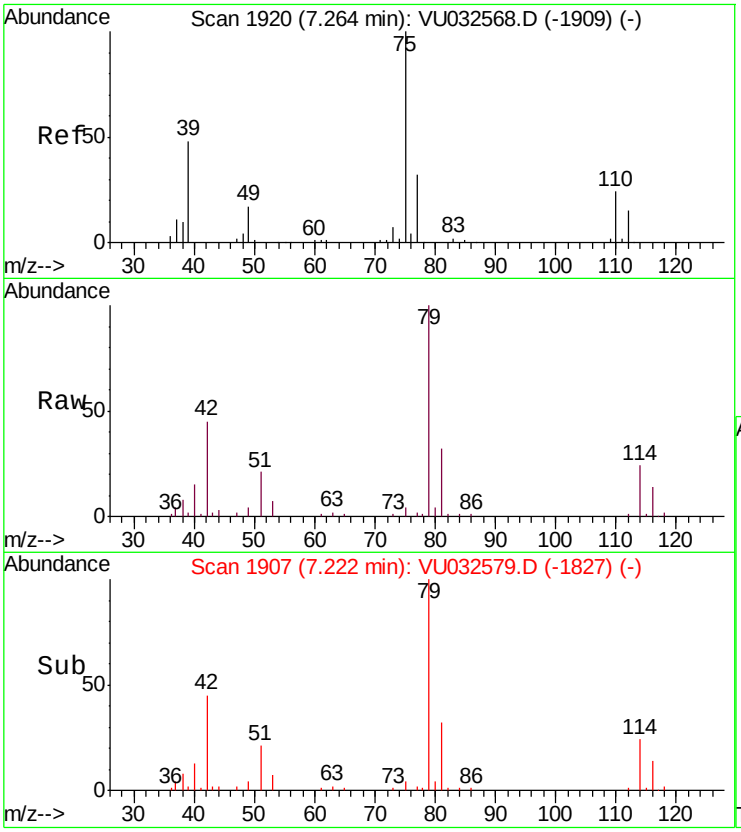


#37
1,2-Dichloropropane
Concen: 6.106 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Tgt Ion: 63 Resp: 8089

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



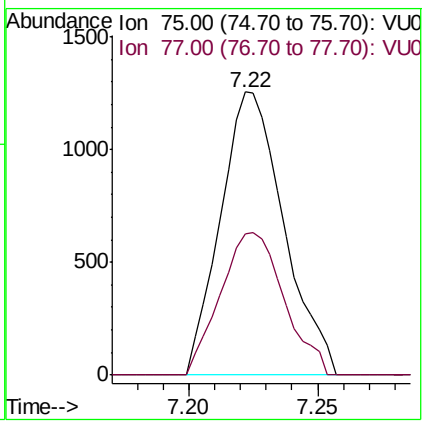


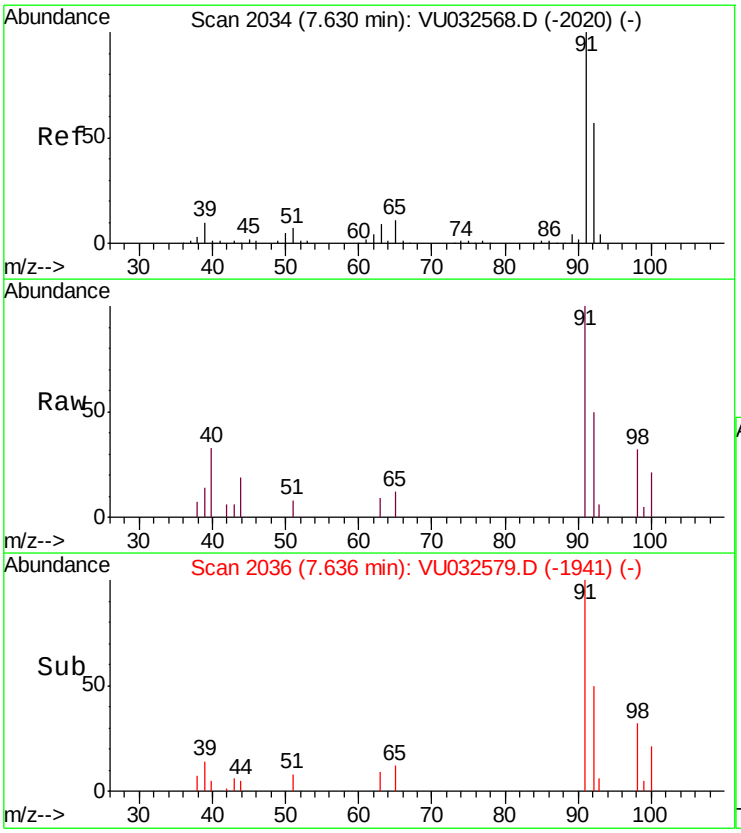
#39
cis-1,3-Dichloropropene
Concen: 1.028 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
DB8C0

Tgt Ion: 75 Resp: 2149

Ion	Ratio	Lower	Upper
75	100		
77	50.1	22.0	41.0#

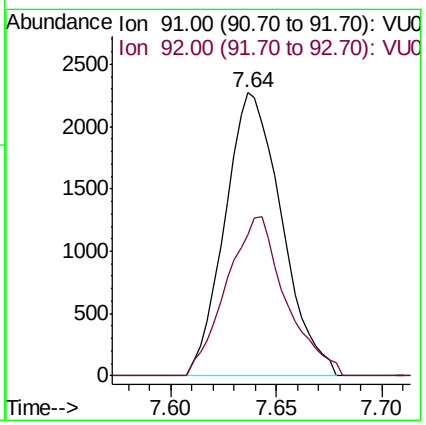


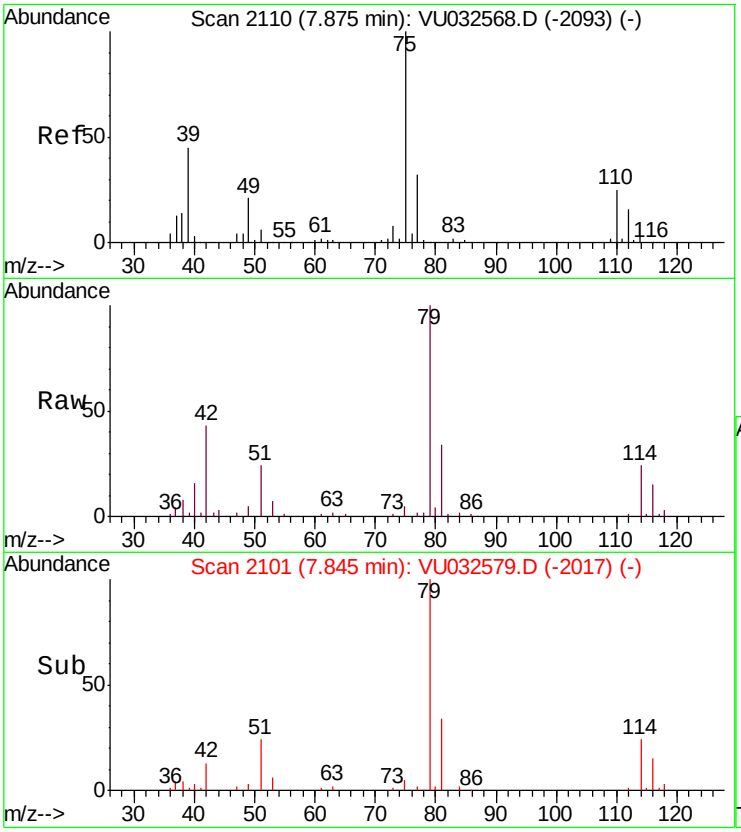


#42
Toluene
Concen: 0.775 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Tgt Ion: 91 Resp: 4244

Ion	Ratio	Lower	Upper
91	100		
92	50.1	39.7	73.7



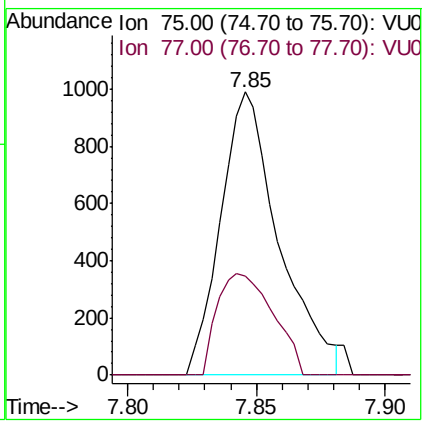


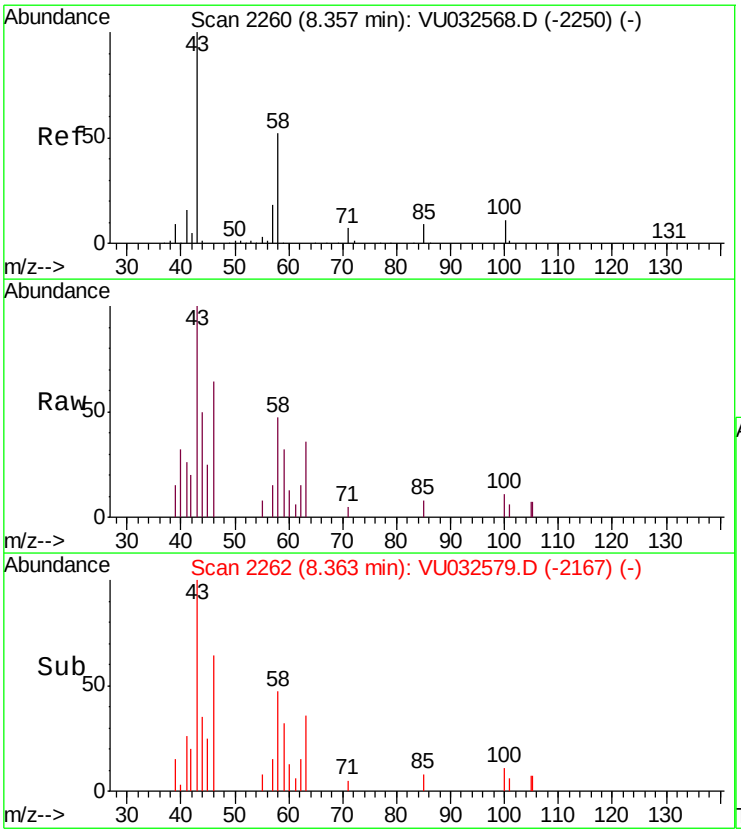
#44
trans-1,3-Dichloropropene
Concen: 0.841 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Instrument : MSVOA_U
ClientSampleId : DB8C0

Tgt Ion: 75 Resp: 1560

Ion	Ratio	Lower	Upper
75	100		
77	34.9	22.1	41.1

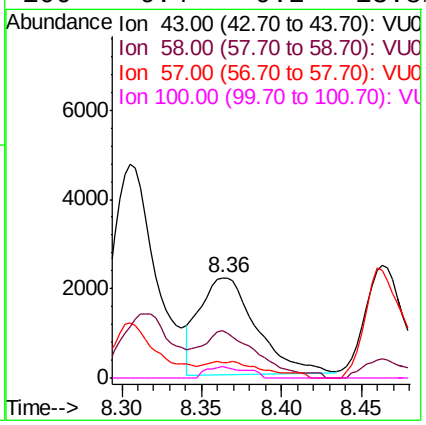


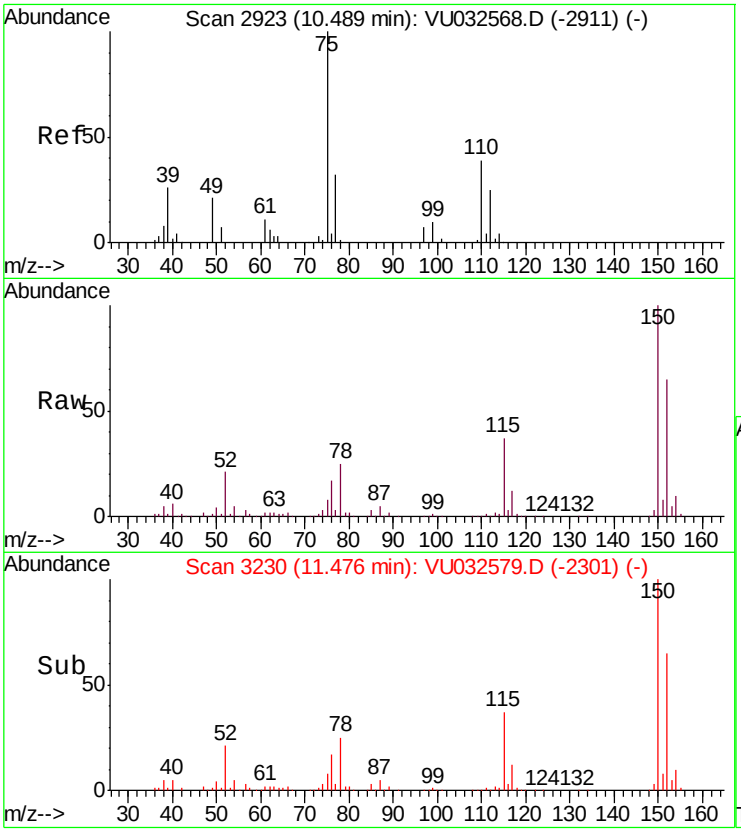


#48
2-Hexanone
Concen: 3.064 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Tgt Ion: 43 Resp: 5363

Ion	Ratio	Lower	Upper
43	100		
58	35.0	42.0	63.0#
57	1.2	14.6	22.0#
100	6.4	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.952 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032579.D
Acq: 10 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
DB8C0

Tgt Ion: 75 Resp: 10250

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.6	38.4