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

Quantitation Report (Not Reviewed)

Data File : VU032575.D
Acq On : 10 Jun 2019 19:16
Operator : JC/SP
Sample : K3277-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8B6

Quant Time: Jun 11 05:42:50 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	191861	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	180403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92026	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	60430	48.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.10%			
7) Chloroethane-d5	1.67	69	49269	49.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.50%			
11) 1,1-Dichloroethene-d2	2.26	63	90244	37.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.06%			
21) 2-Butanone-d5	4.17	46	126173	121.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.12%			
24) Chloroform-d	4.64	84	112183	48.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.64%			
26) 1,2-Dichloroethane-d4	5.30	65	75260	51.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.92%			
32) Benzene-d6	5.33	84	235069	50.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.38%			
36) 1,2-Dichloropropane-d6	6.33	67	74449	50.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.40%			
41) Toluene-d8	7.56	98	218815	49.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.54%			
43) trans-1,3-Dichloropropene-	7.85	79	34934	49.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.42%			
47) 2-Hexanone-d5	8.31	63	74467	104.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.54%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	102653	48.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	89106	50.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	803	0.685	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	682	0.599	ug/L #	1
13) Acetone	2.32	43	5479	5.098	ug/L	96
15) Methyl Acetate	2.44	43	1332	0.868	ug/L #	53
27) 1,2-Dichloroethane	5.34	62	1330	0.725	ug/L #	75
33) Benzene	5.34	78	1985	0.392	ug/L	100
34) Trichloroethene	6.18	95	92912	67.375	ug/L	99
37) 1,2-Dichloropropane	6.33	63	8318	6.191	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2447	1.154	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1500	0.797	ug/L #	72
48) 2-Hexanone	8.36	43	5807	3.271	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	11432	6.545	ug/L	92

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

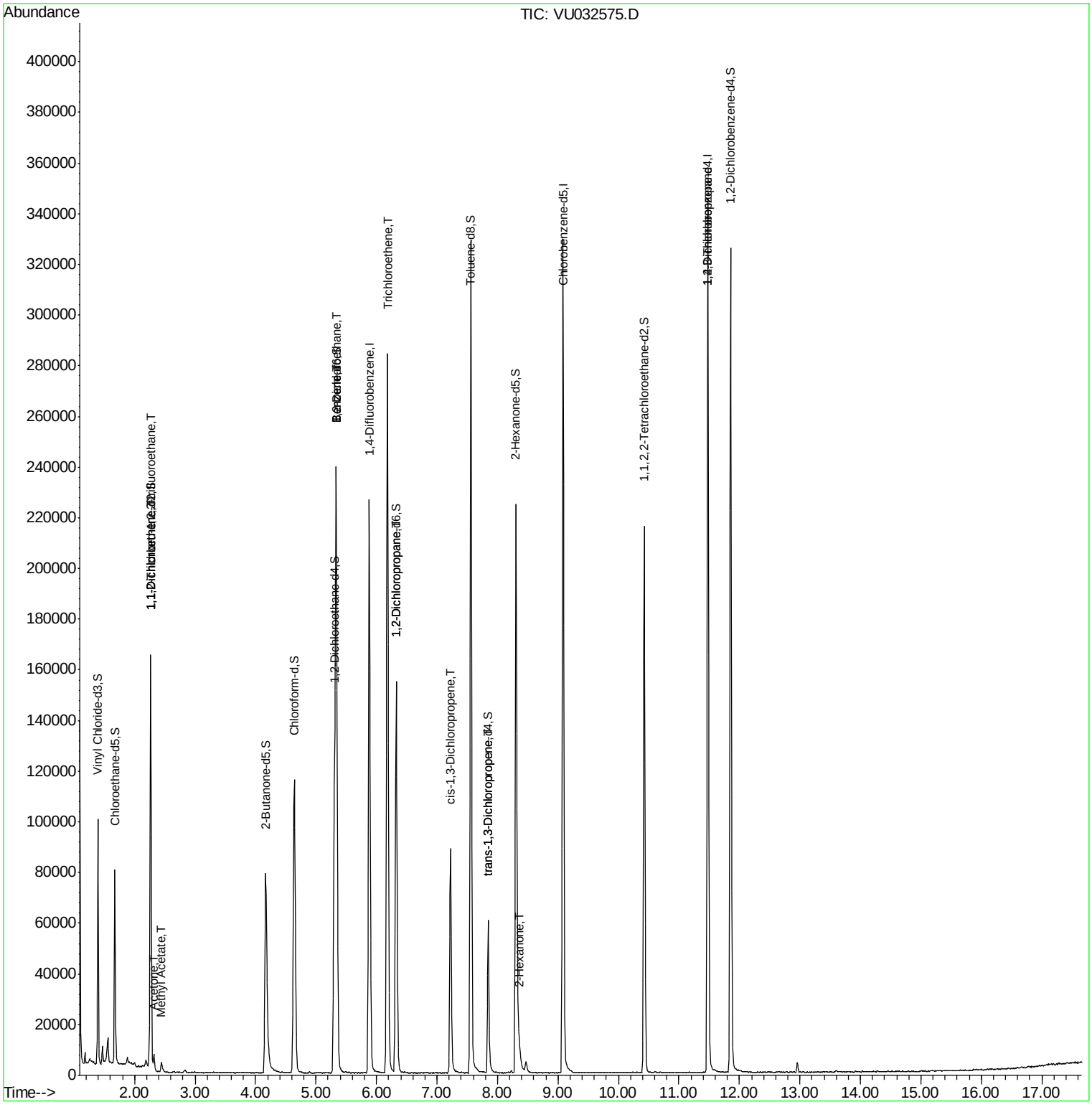
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

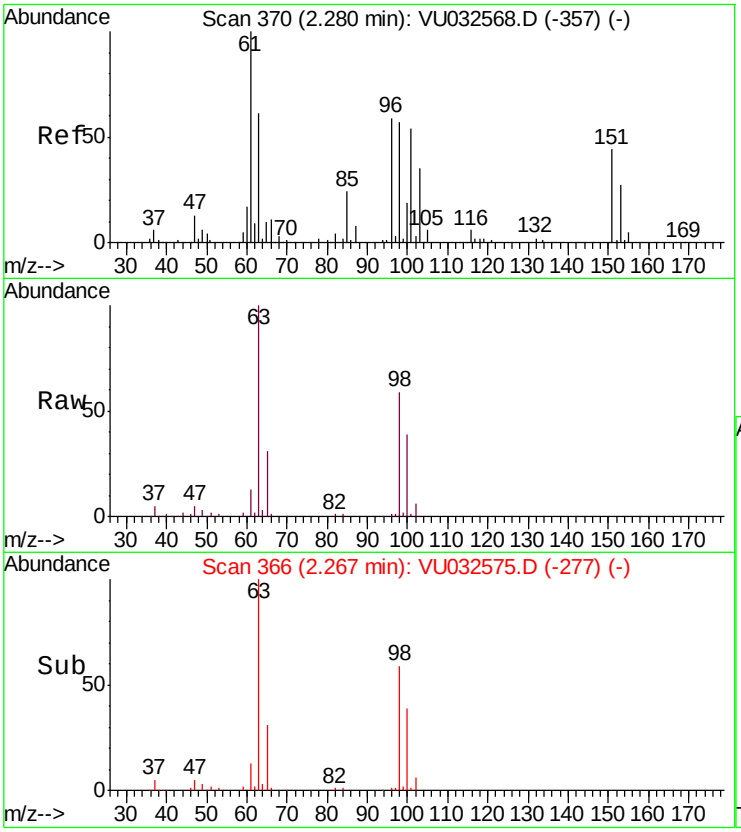
Quantitation Report (Not Reviewed)

Data File : VU032575.D
Acq On : 10 Jun 2019 19:16
Operator : JC/SP
Sample : K3277-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B6

Quant Time: Jun 11 05:42:50 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



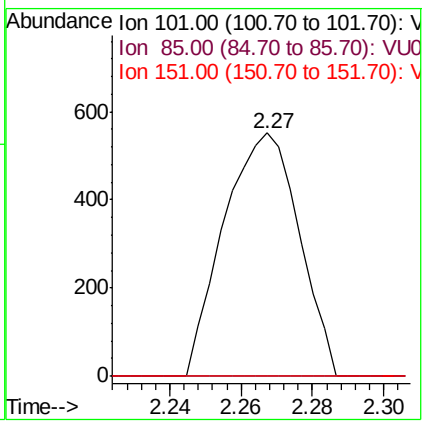


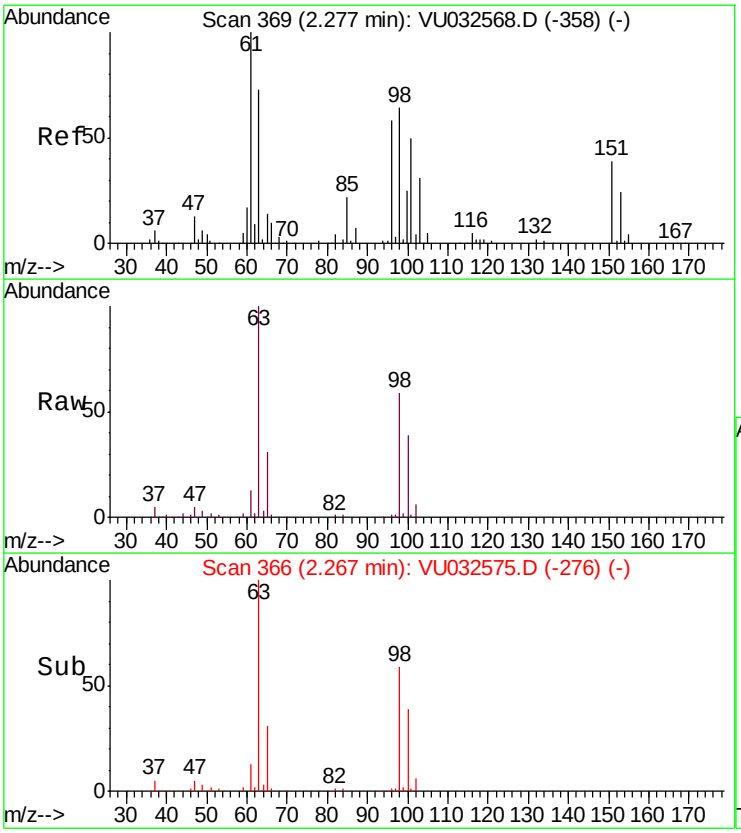
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.685 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
DB8B6

Tgt Ion:101 Resp: 803

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

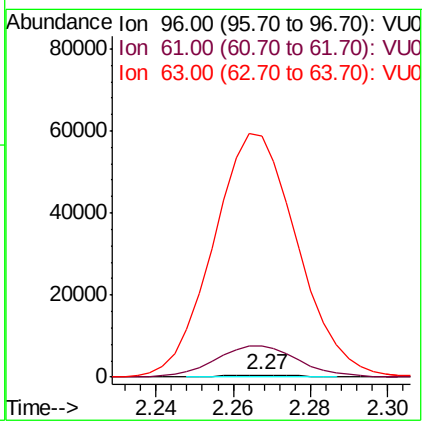


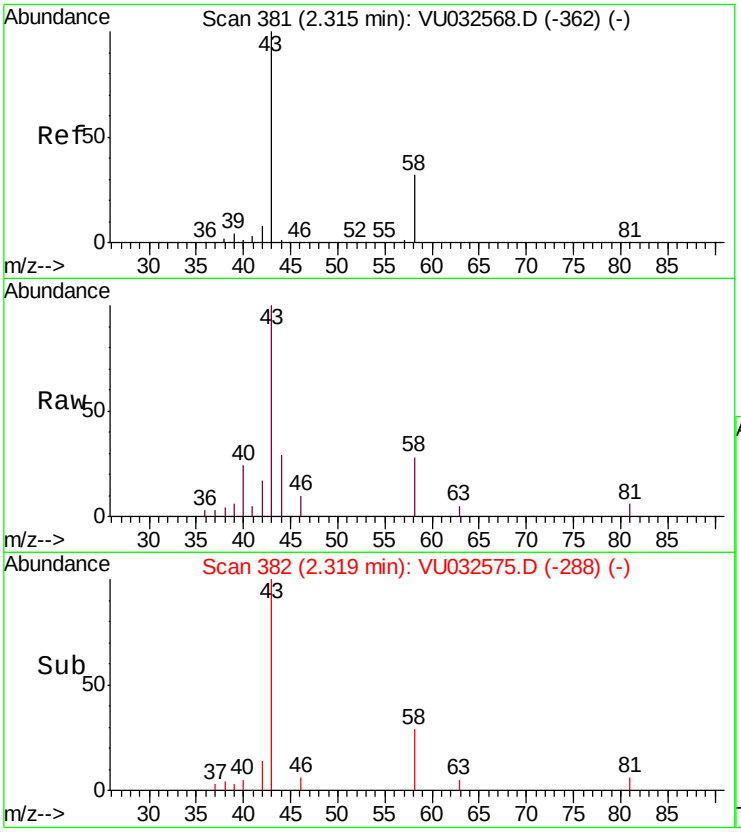


#12
1,1-Dichloroethene
Concen: 0.599 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Tgt Ion: 96 Resp: 682

Ion	Ratio	Lower	Upper
96	100		
61	1432.2	129.5	240.5#
63	11076.5	103.4	192.0#



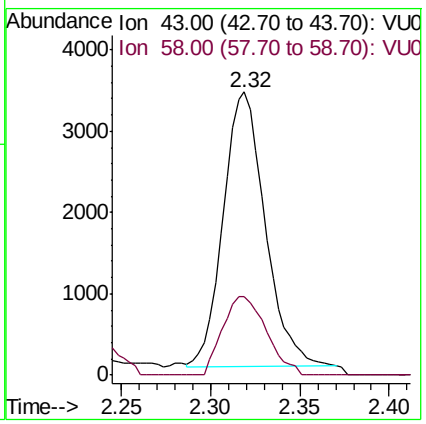


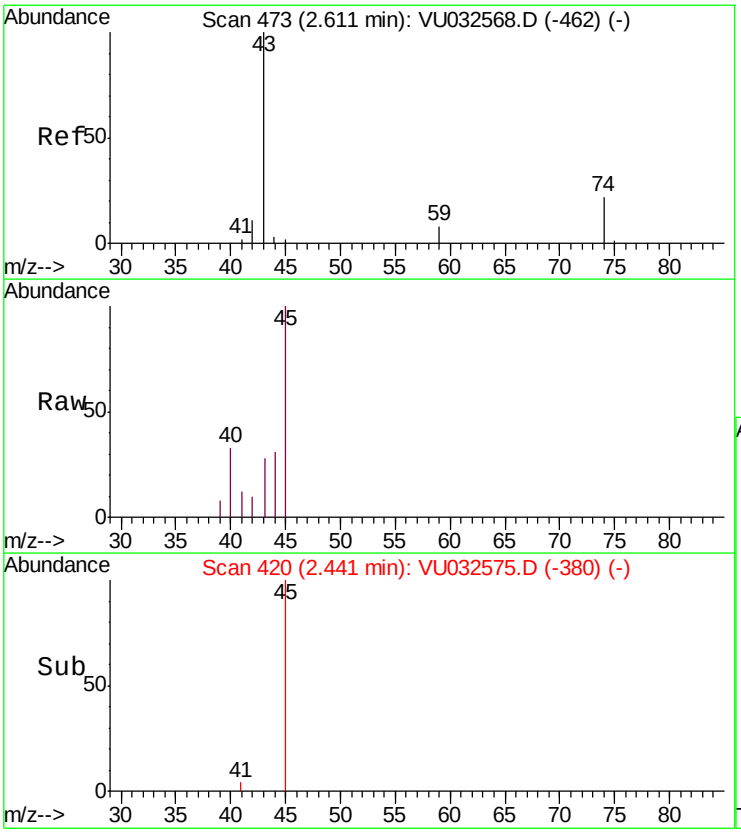
#13
Acetone
Concen: 5.098 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
DB8B6

Tgt Ion: 43 Resp: 5479

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	64.0

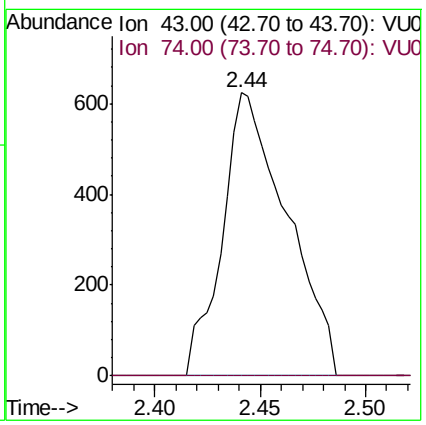


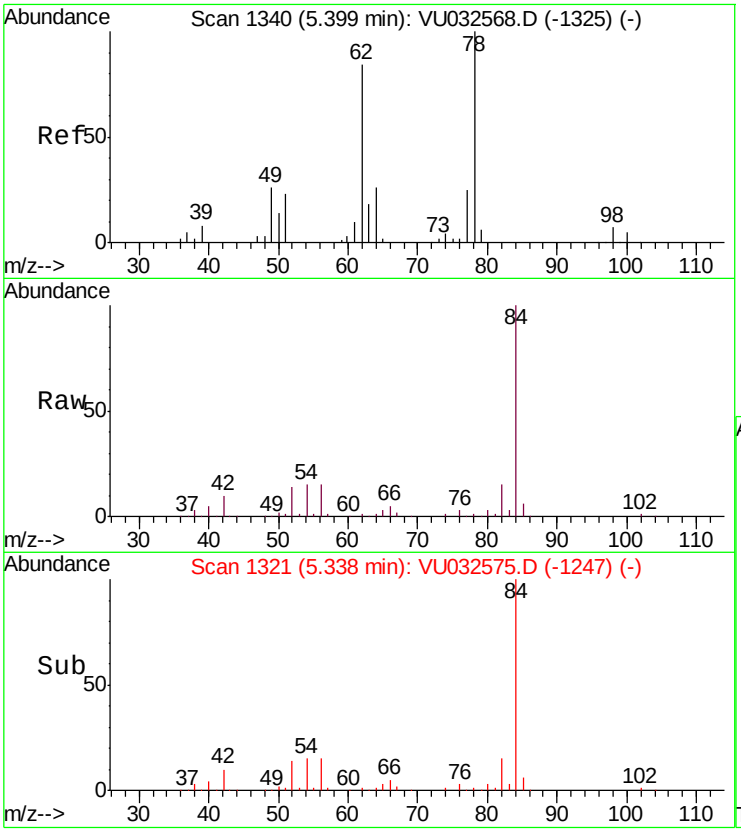


#15
Methyl Acetate
Concen: 0.868 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Tgt Ion: 43 Resp: 1332

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#



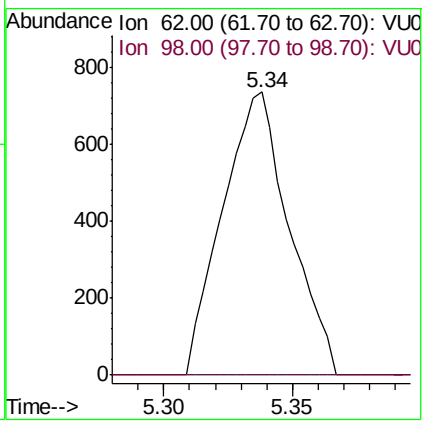


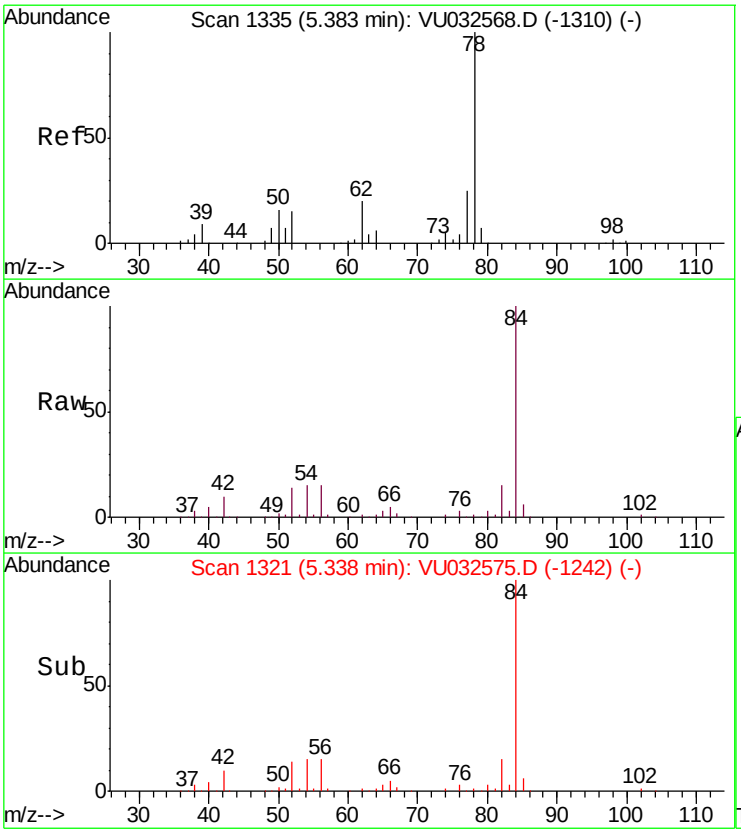
#27
1,2-Dichloroethane
Concen: 0.725 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Instrument : MSVOA_U
ClientSampleId : DB8B6

Tgt Ion: 62 Resp: 1330

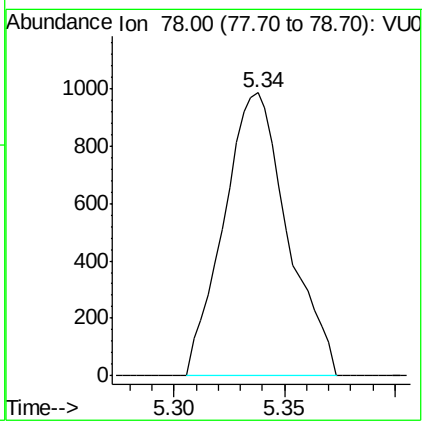
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

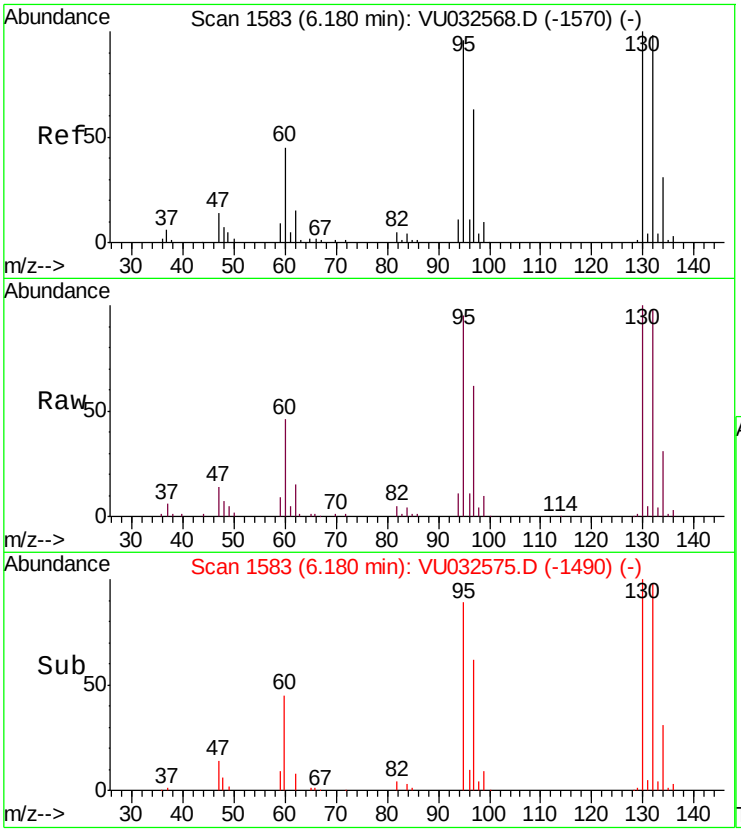




#33
Benzene
Concen: 0.392 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.04 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Tgt Ion: 78 Resp: 1985



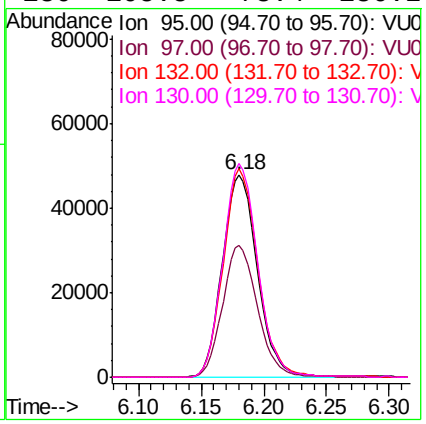


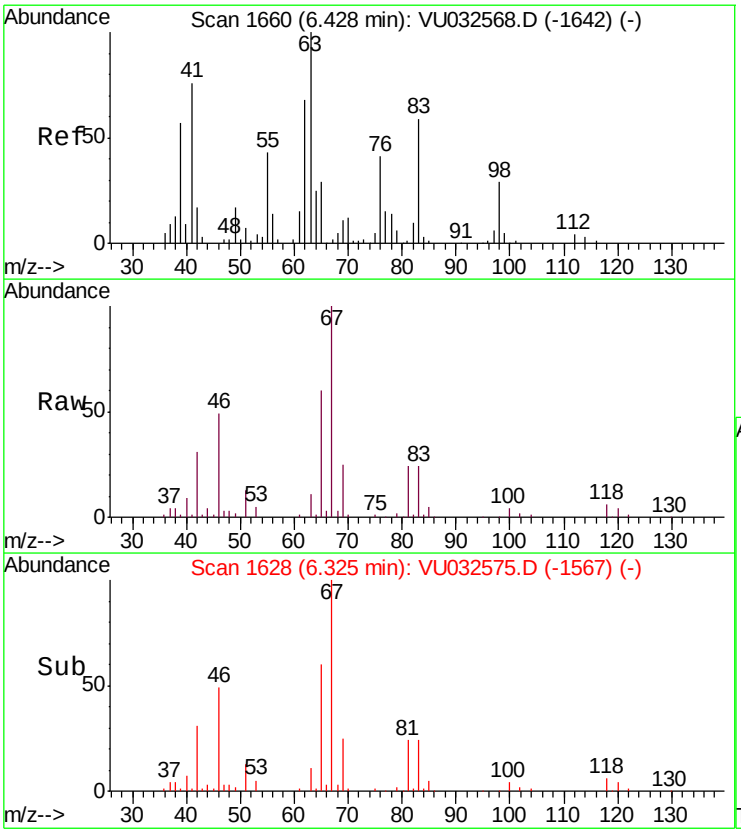
#34
Trichloroethene
Concen: 67.375 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
DB8B6

Tgt Ion: 95 Resp: 92912

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.8	85.2
132	103.0	71.0	131.8
130	105.5	73.4	136.2

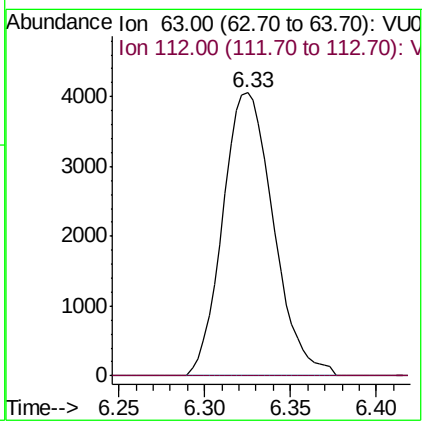


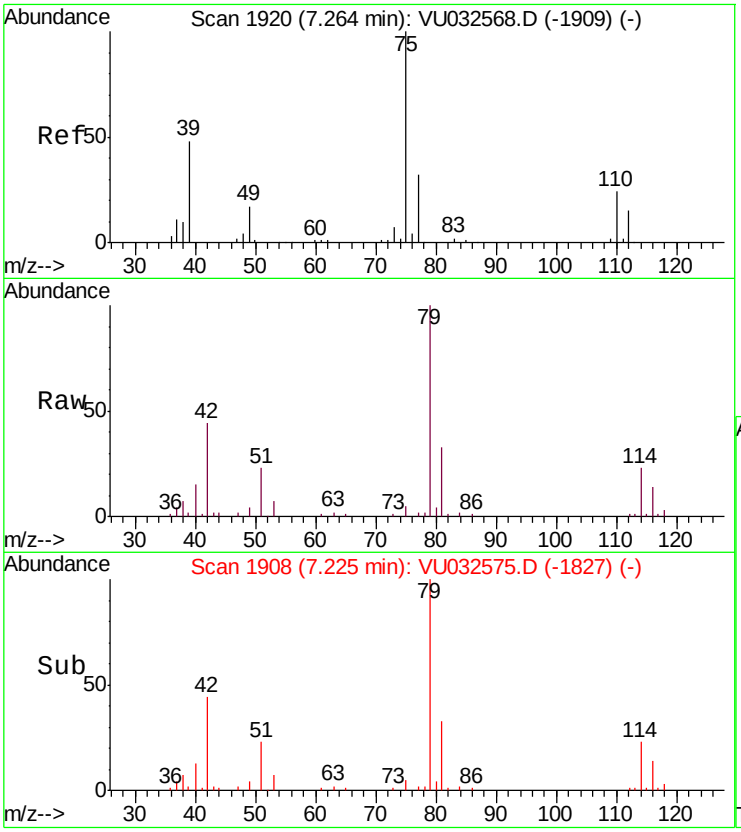


#37
1,2-Dichloropropane
Concen: 6.191 ug/L
RT: 6.33 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Tgt Ion: 63 Resp: 8318

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



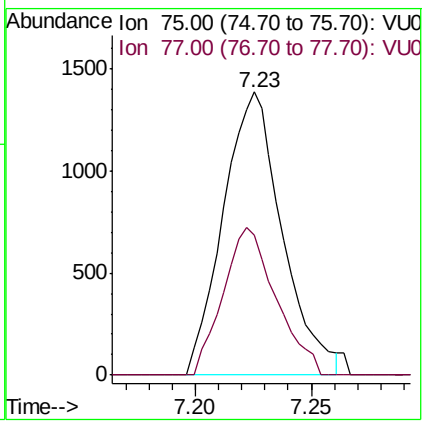


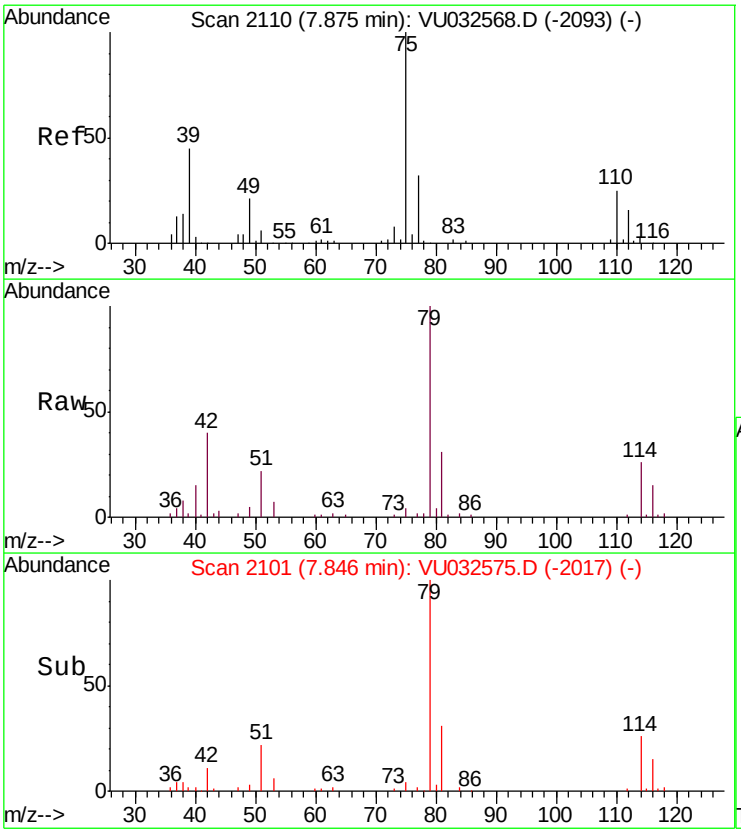
#39
cis-1,3-Dichloropropene
Concen: 1.154 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
DB8B6

Tgt Ion: 75 Resp: 2447

Ion	Ratio	Lower	Upper
75	100		
77	49.4	22.0	41.0#

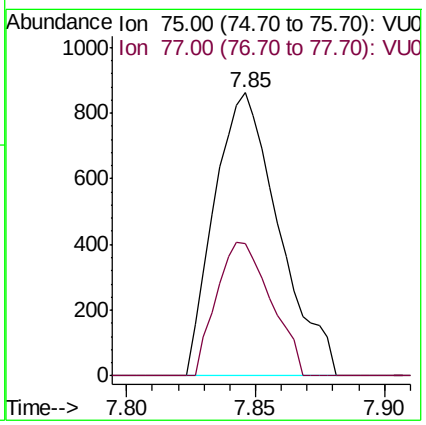


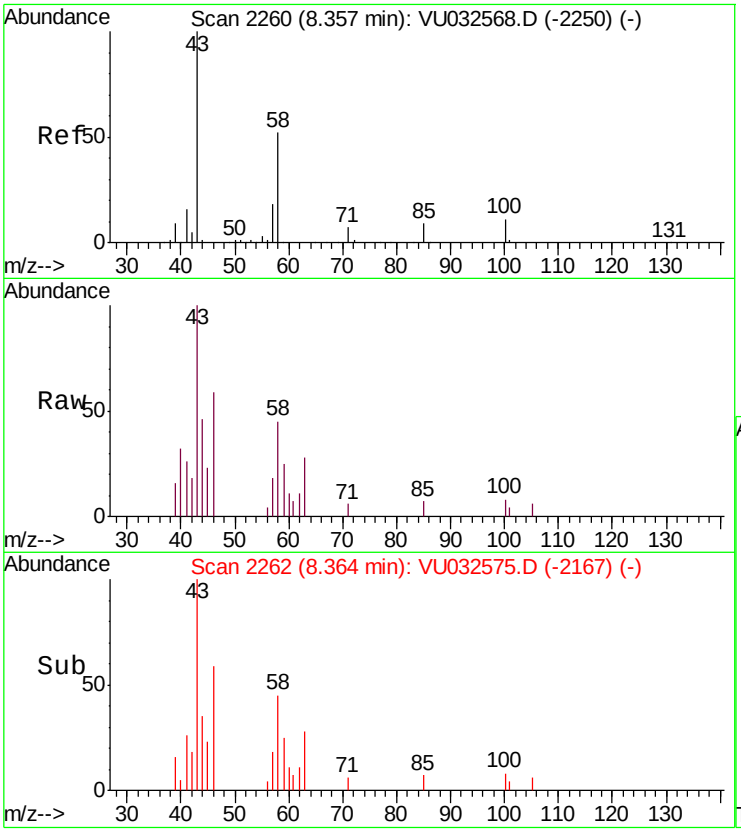


#44
trans-1,3-Dichloropropene
Concen: 0.797 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Tgt Ion: 75 Resp: 1500

Ion	Ratio	Lower	Upper
75	100		
77	46.9	22.1	41.1#



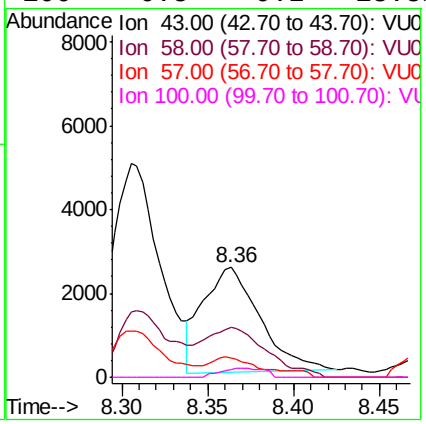


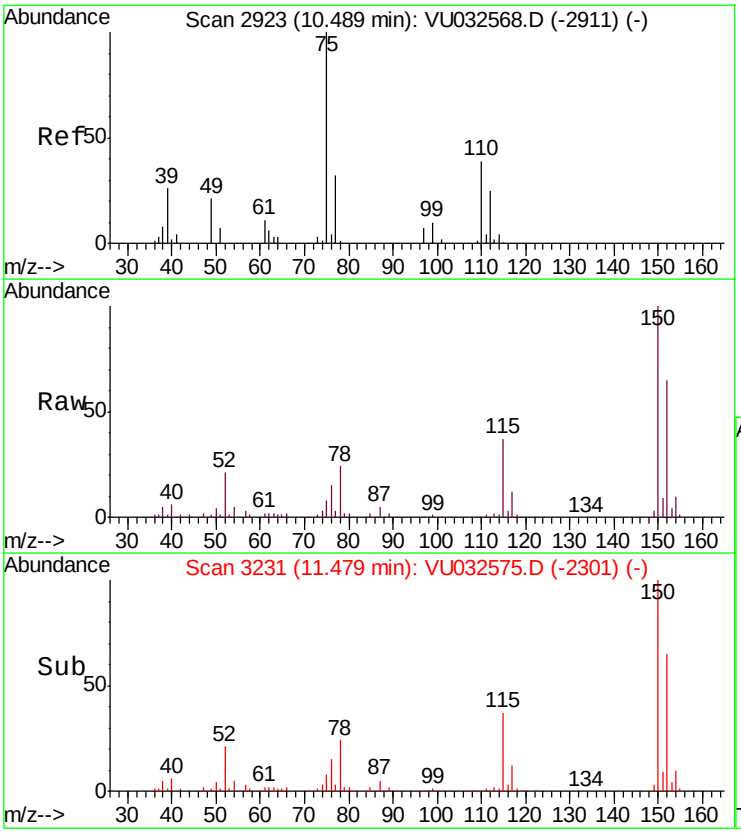
#48
2-Hexanone
Concen: 3.271 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Instrument : MSVOA_U
ClientSampleId : DB8B6

Tgt Ion: 43 Resp: 5807

Ion	Ratio	Lower	Upper
43	100		
58	37.5	42.0	63.0#
57	8.2	14.6	22.0#
100	6.8	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 6.545 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032575.D
Acq: 10 Jun 2019 19:16

Tgt Ion: 75 Resp: 11432

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.6	38.4