Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

Quantitation Report (Not Reviewed)

Data File : VU032023.D
Acq On : 15 May 2019 11:49
Operator : JC/SP
Sample : K2738-10DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB895DL

Quant Time: May 16 04:28:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1046369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1038296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	405530	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	369081	40.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.40%			
7) Chloroethane-d5	1.67	69	316123	42.52	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.04%			
11) 1,1-Dichloroethene-d2	2.27	63	537868	32.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.36%			
21) 2-Butanone-d5	4.17	46	594600	92.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.48%			
24) Chloroform-d	4.64	84	675147	43.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.86%			
26) 1,2-Dichloroethane-d4	5.30	65	436106	45.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.10%			
32) Benzene-d6	5.33	84	1446266	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.22%			
36) 1,2-Dichloropropane-d6	6.32	67	482505	48.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.30%			
41) Toluene-d8	7.56	98	1235089	45.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.72%			
43) trans-1,3-Dichloropropene-	7.85	79	196862	44.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.98%			
47) 2-Hexanone-d5	8.31	63	376127	93.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.52%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	659816	44.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.90%			
64) 1,2-Dichlorobenzene-d4	11.85	152	430498	50.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.90%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	451954	40.101	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5287	0.679	ug/L #	22
12) 1,1-Dichloroethene	2.28	96	38830	5.025	ug/L #	1
13) Acetone	2.32	43	4356	0.659	ug/L	89
17) trans-1,2-Dichloroethene	2.98	96	539879	67.156	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	625471	70.339	ug/L	100
34) Trichloroethene	6.18	95	264198	31.367	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	7098	0.623	ug/L	98
46) Tetrachloroethene	8.23	164	2855	0.480	ug/L	89
48) 2-Hexanone	8.31	43	39473	3.924	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	50695	4.255	ug/L	95

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

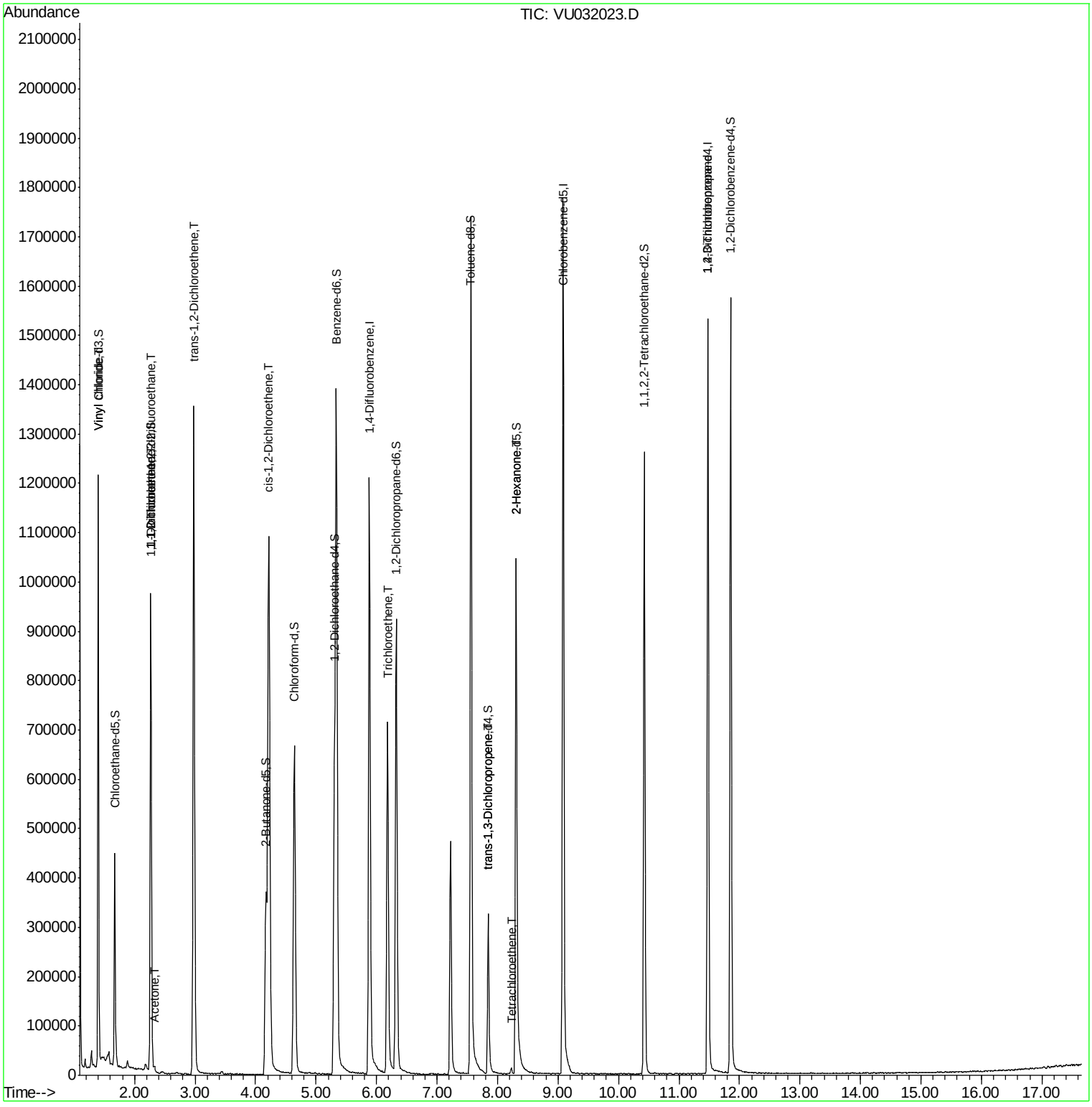
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

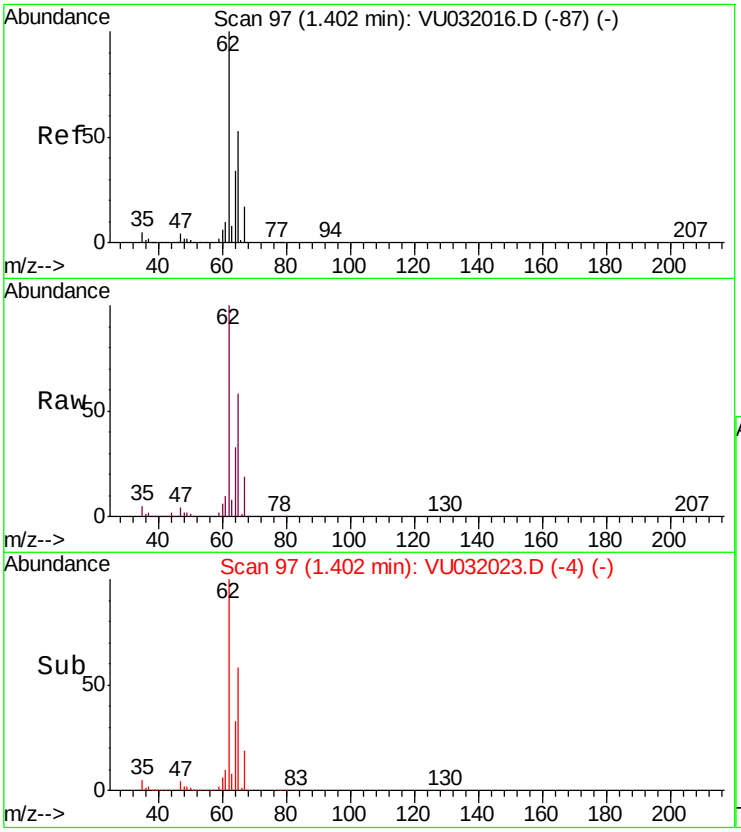
Quantitation Report (Not Reviewed)

Data File : VU032023.D
Acq On : 15 May 2019 11:49
Operator : JC/SP
Sample : K2738-10DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB895DL

Quant Time: May 16 04:28:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration



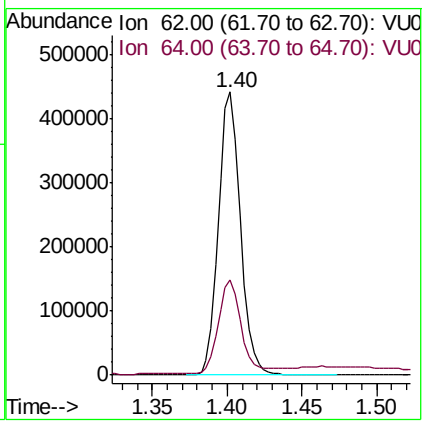


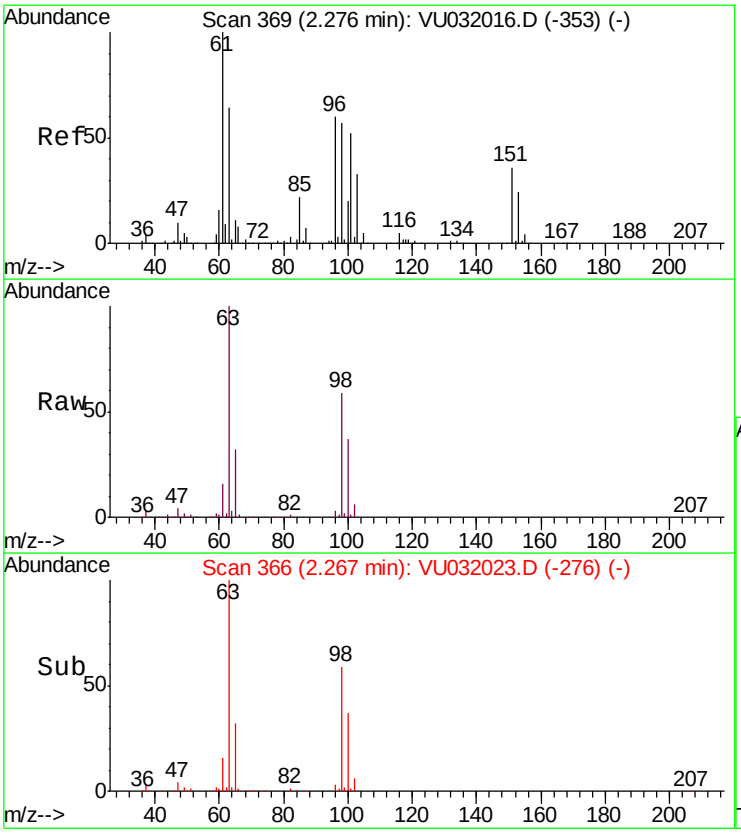
#5
Vinyl chloride
Concen: 40.101 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Instrument :
MSVOA_U
ClientSampleId :
DB895DL

Tgt Ion: 62 Resp: 451954

Ion	Ratio	Lower	Upper
62	100		
64	33.4	23.6	43.8

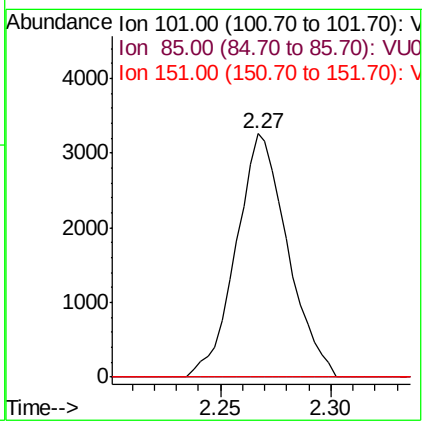


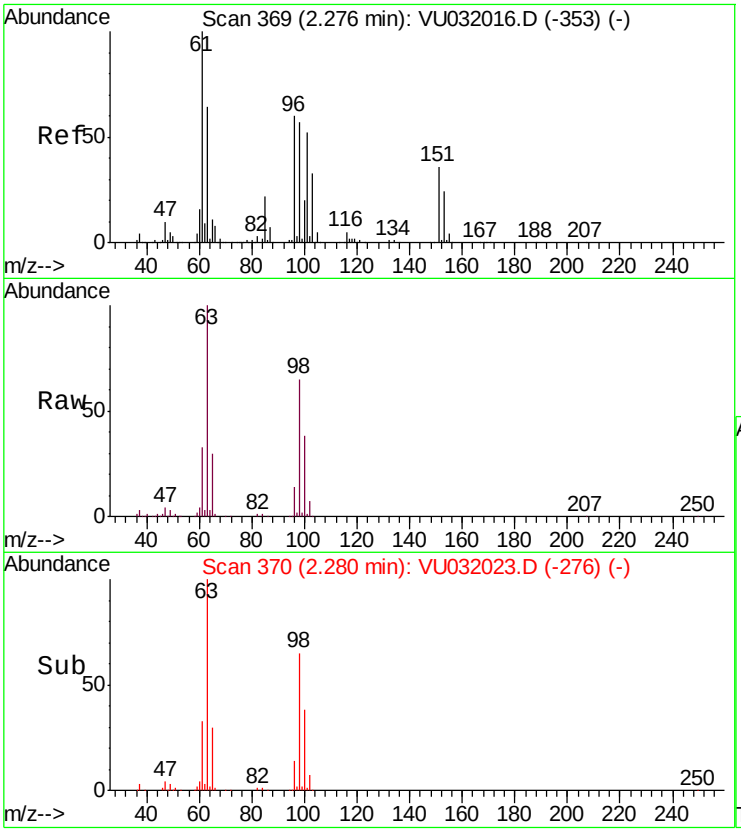


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.679 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Tgt Ion:101 Resp: 5287

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	55.8	83.8#



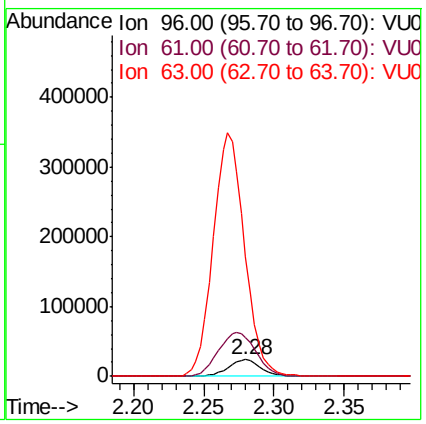


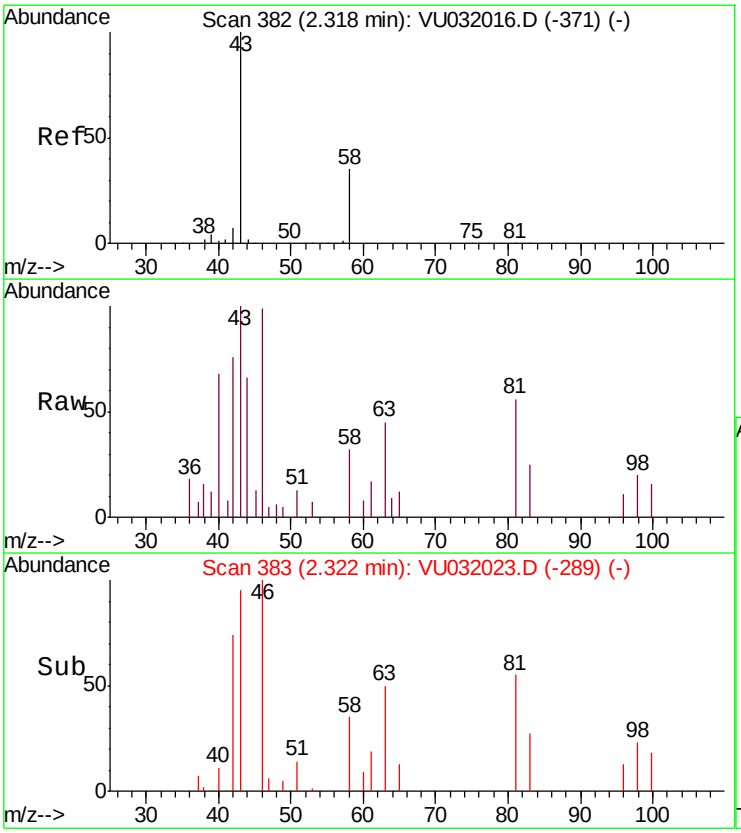
#12
1,1-Dichloroethene
Concen: 5.025 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Instrument : MSVOA_U
ClientSampleId : DB895DL

Tgt Ion: 96 Resp: 38830

Ion	Ratio	Lower	Upper
96	100		
61	232.6	120.9	224.5#
63	708.7	84.4	156.8#

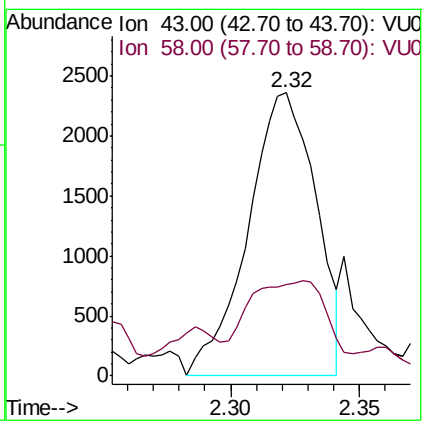


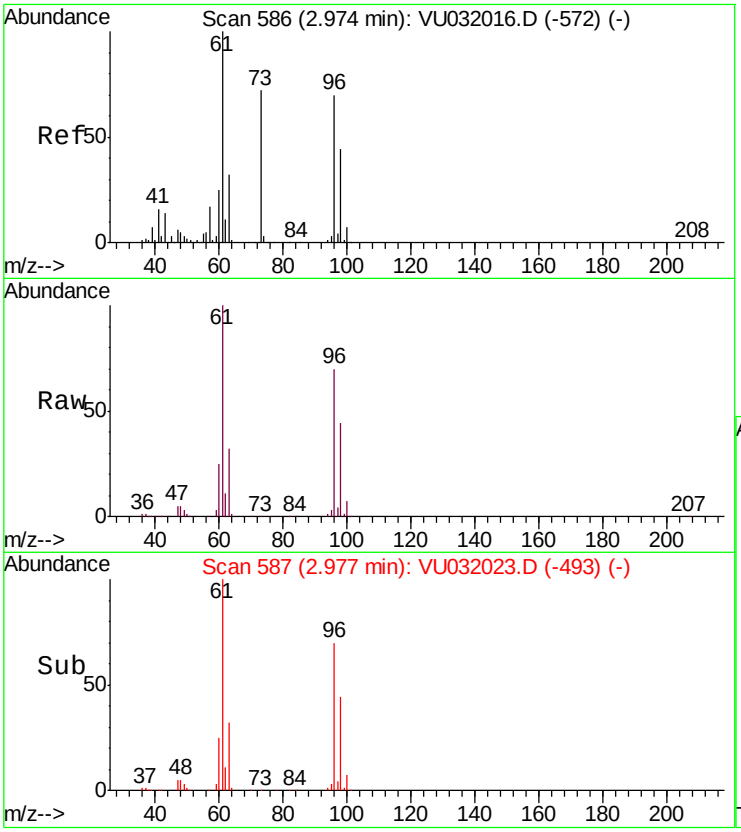


#13
Acetone
Concen: 0.659 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Tgt Ion: 43 Resp: 4356

Ion	Ratio	Lower	Upper
43	100		
58	40.6	0.0	68.2



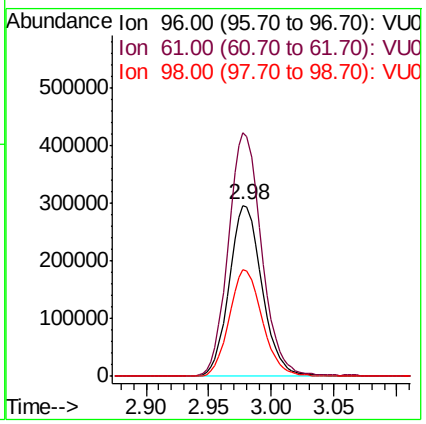


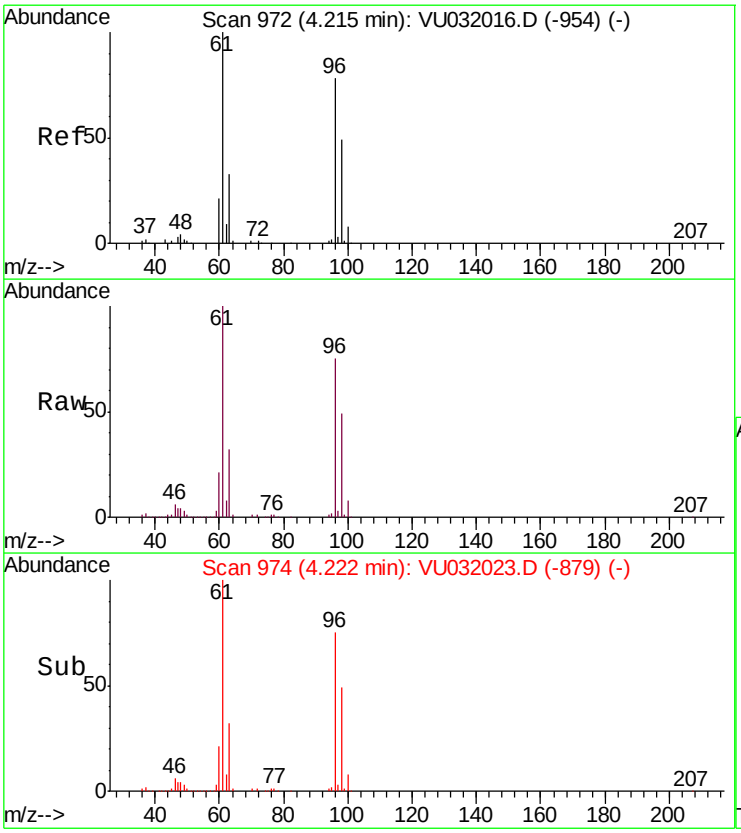
#17
trans-1,2-Dichloroethene
Concen: 67.156 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Instrument :
MSVOA_U
ClientSampleId :
DB895DL

Tgt Ion: 96 Resp: 539879

Ion	Ratio	Lower	Upper
96	100		
61	142.5	103.2	191.6
98	62.7	45.7	84.9

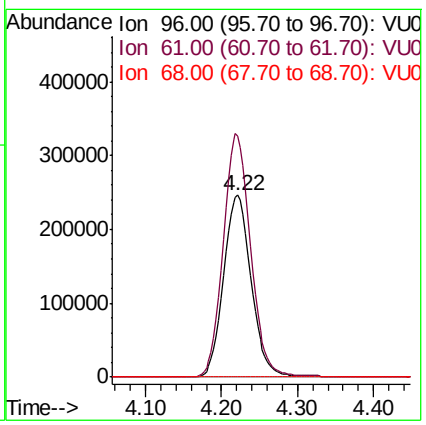


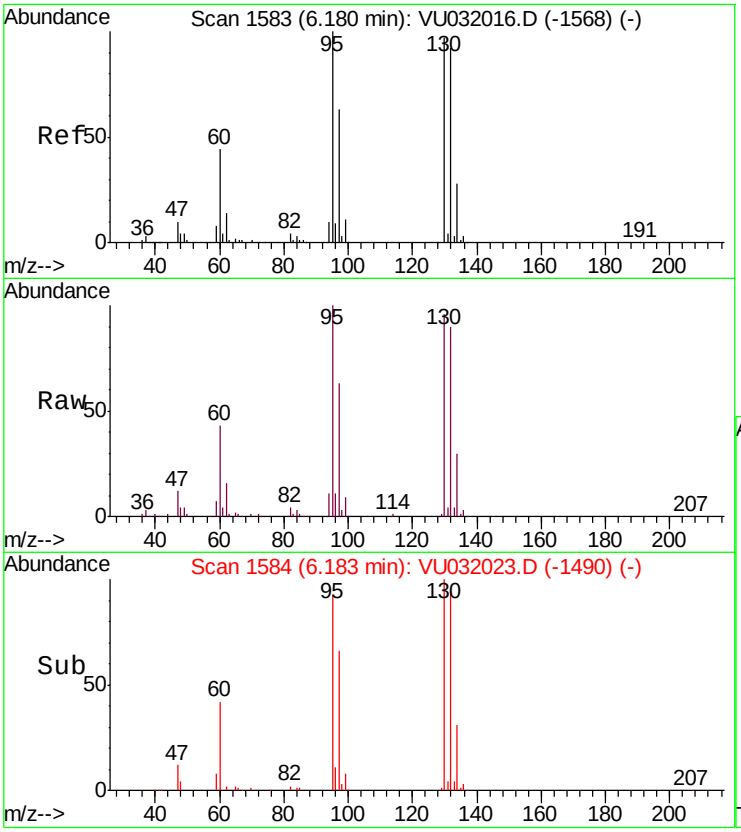


#20
cis-1,2-Dichloroethene
Concen: 70.339 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Tgt Ion: 96 Resp: 625471

Ion	Ratio	Lower	Upper
96	100		
61	132.7	93.0	172.8
68	0.0	0.0	0.0



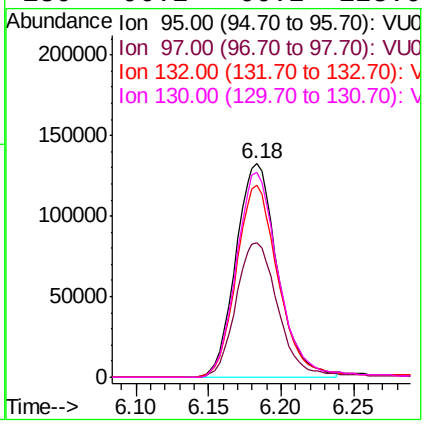


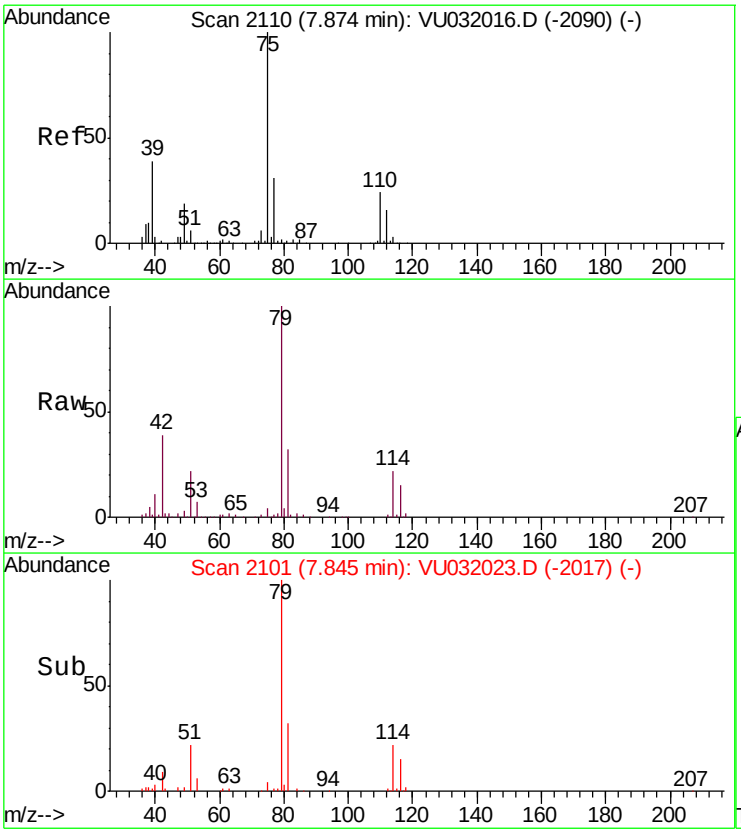
#34
Trichloroethene
Concen: 31.367 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Instrument :
MSVOA_U
ClientSampleId :
DB895DL

Tgt Ion: 95 Resp: 264198

Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.9	83.3
132	90.1	63.5	117.9
130	96.2	66.2	123.0

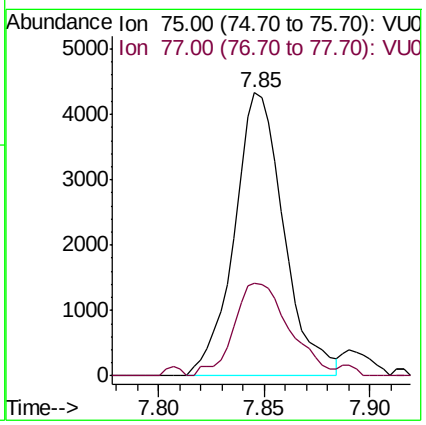


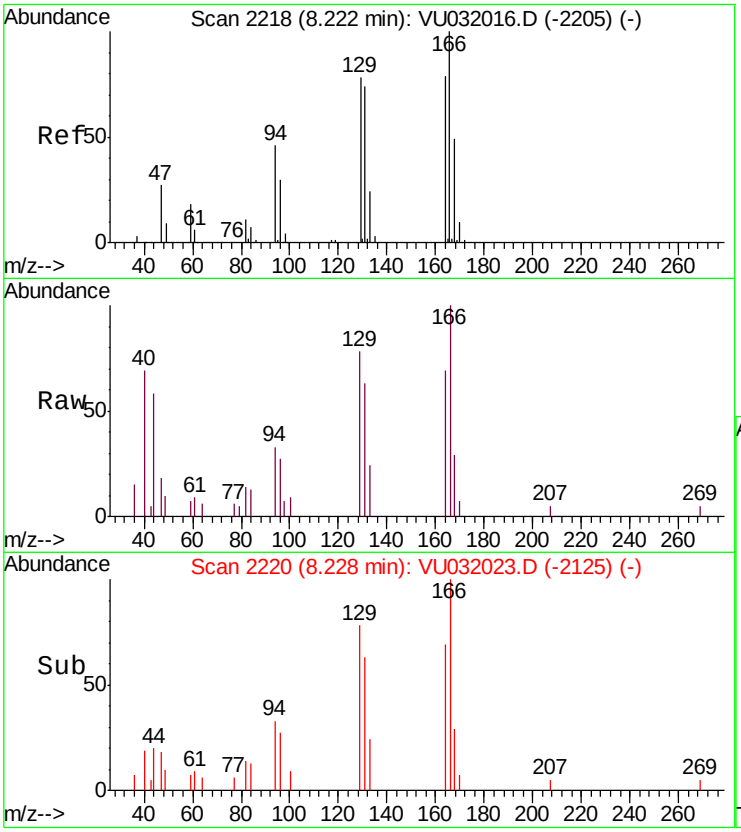


#44
trans-1,3-Dichloropropene
Concen: 0.623 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Tgt Ion: 75 Resp: 7098

Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.5	41.7



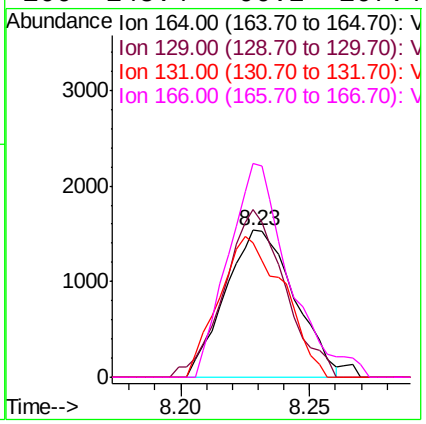


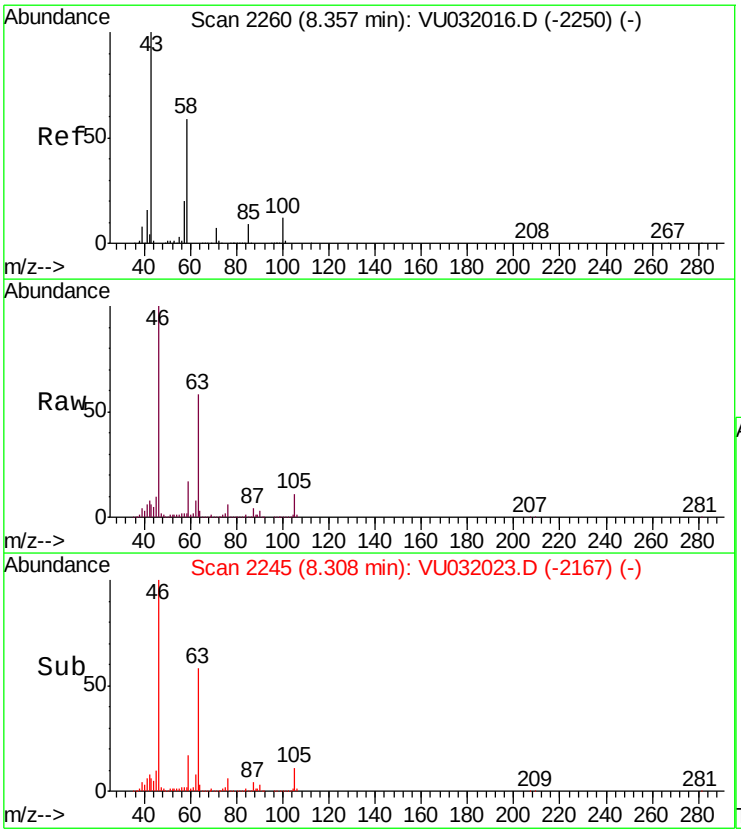
#46
Tetrachloroethene
Concen: 0.480 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Instrument : MSVOA_U
ClientSampleId : DB895DL

Tgt Ion:164 Resp: 2855

Ion	Ratio	Lower	Upper
164	100		
129	114.1	70.9	131.7
131	91.9	67.4	125.2
166	145.4	90.2	167.4

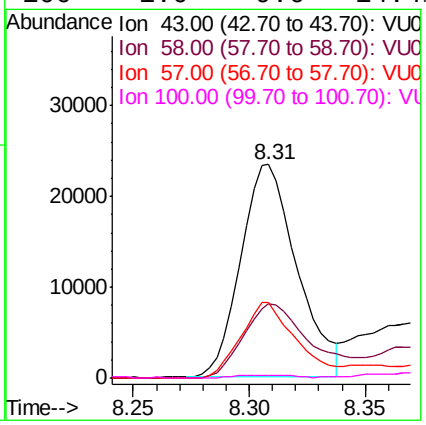


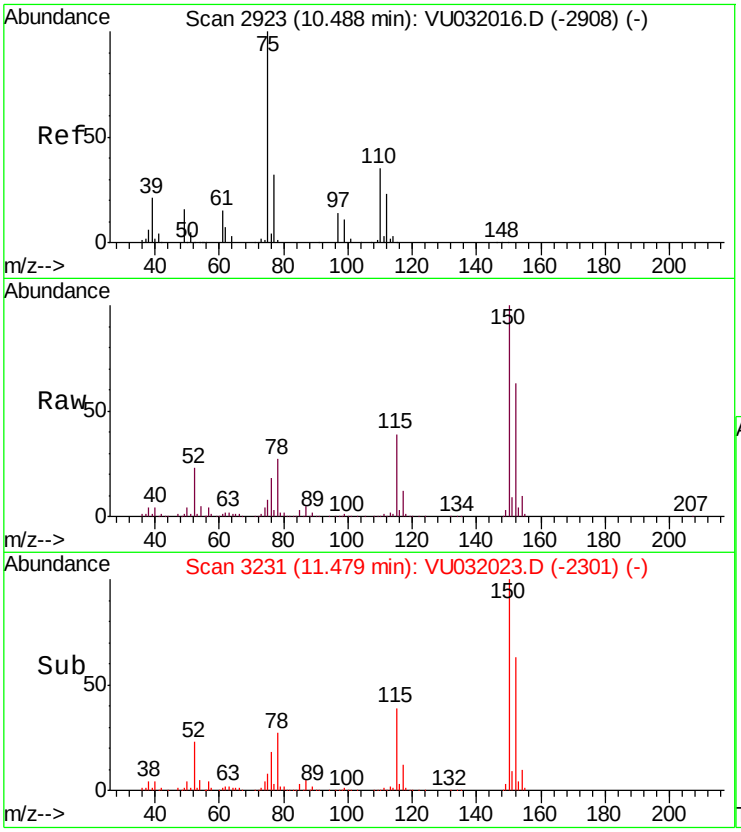


#48
2-Hexanone
Concen: 3.924 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Tgt Ion: 43 Resp: 39473

Ion	Ratio	Lower	Upper
43	100		
58	43.4	47.8	71.6#
57	34.6	16.0	24.0#
100	1.0	9.6	14.4#





#59
1,2,3-Trichloropropane
Concen: 4.255 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032023.D
Acq: 15 May 2019 11:49

Instrument :
MSVOA_U
ClientSampleId :
DB895DL

Tgt Ion: 75 Resp: 50695

Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.7	38.5