Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042920\
Data File : VU037930.D
Acq On : 29 Apr 2020 23:02
Operator : JC/MD
Sample : L2410-05
Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 30 04:12:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	651879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	622717	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	268619	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	253495	44.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.02%			
7) Chloroethane-d5	1.93	69	218363	49.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.94%			
11) 1,1-Dichloroethene-d2	2.59	63	317380	34.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.86%			
21) 2-Butanone-d5	4.66	46	410037	90.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.86%			
24) Chloroform-d	5.10	84	414774	47.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.62%			
26) 1,2-Dichloroethane-d4	5.74	65	294997	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.22%			
32) Benzene-d6	5.76	84	896452	50.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.82%			
36) 1,2-Dichloropropane-d6	6.72	67	300100	50.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.90%			
41) Toluene-d8	7.92	98	789020	48.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.50%			
43) trans-1,3-Dichloropropene-	8.20	79	110942	36.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.20%			
47) 2-Hexanone-d5	8.65	63	260460	81.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.23%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	416969	50.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.76%			
64) 1,2-Dichlorobenzene-d4	12.20	152	270696	51.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.58%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	7479	1.156	ug/L #	1
12) 1,1-Dichloroethene	2.60	96	5418	1.369	ug/L #	1
13) Acetone	2.65	43	11058	4.107	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	1755465	362.321	ug/L	94
34) Trichloroethene	6.57	95	584838	126.148	ug/L	99
46) Tetrachloroethene	8.57	164	411812	121.527	ug/L	99
48) 2-Hexanone	8.71	43	21706	3.058	ug/L #	41
59) 1,2,3-Trichloropropane	11.83	75	36703	5.293	ug/L #	88

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

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Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
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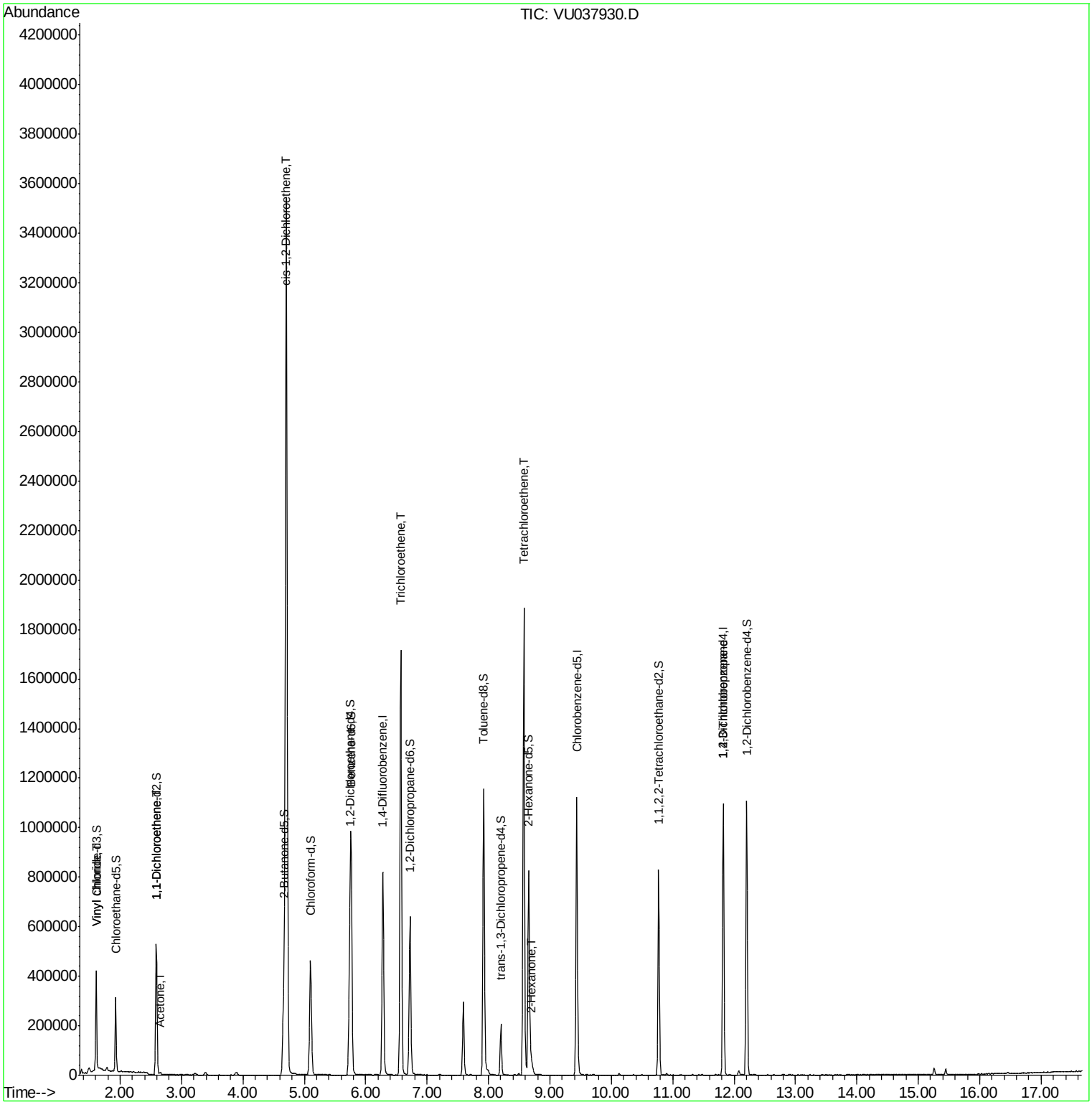
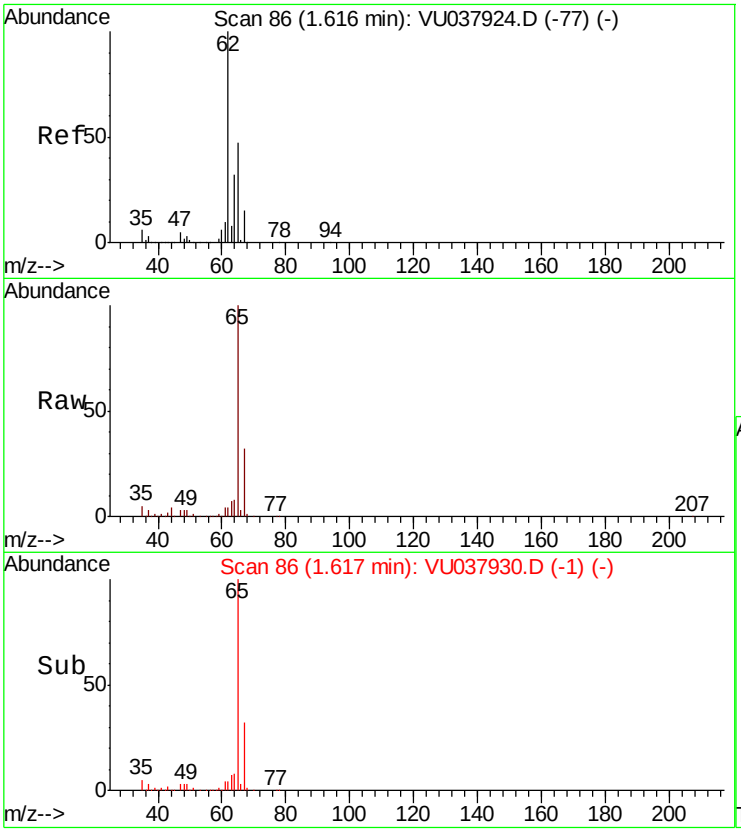


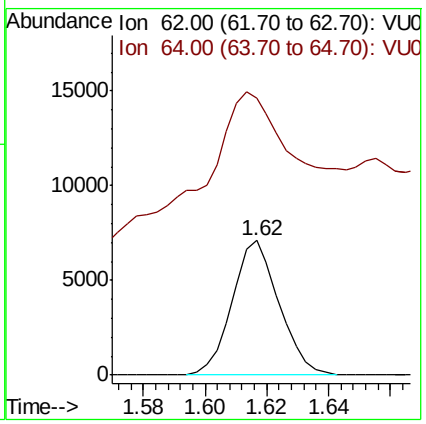


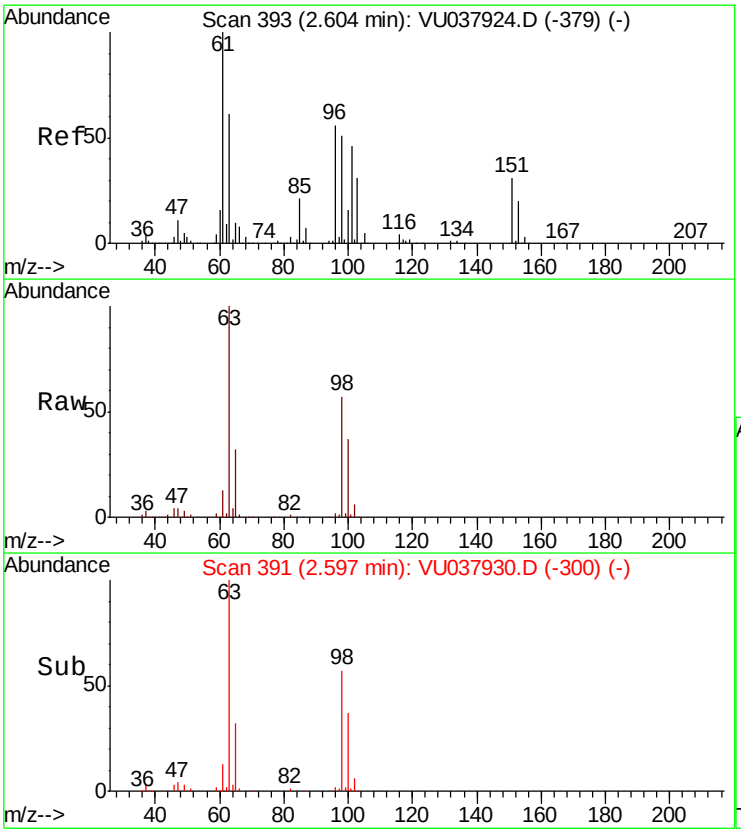
#5
Vinyl chloride
Concen: 1.156 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 7479

Ion	Ratio	Lower	Upper
62	100		
64	206.4	23.2	43.0#

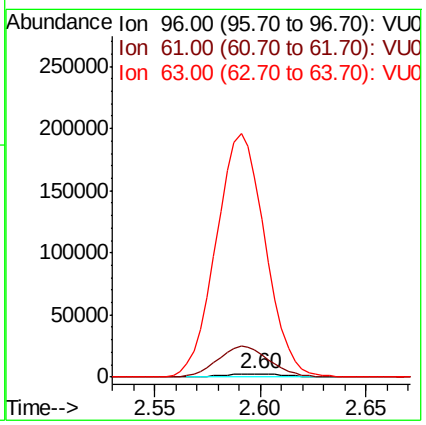


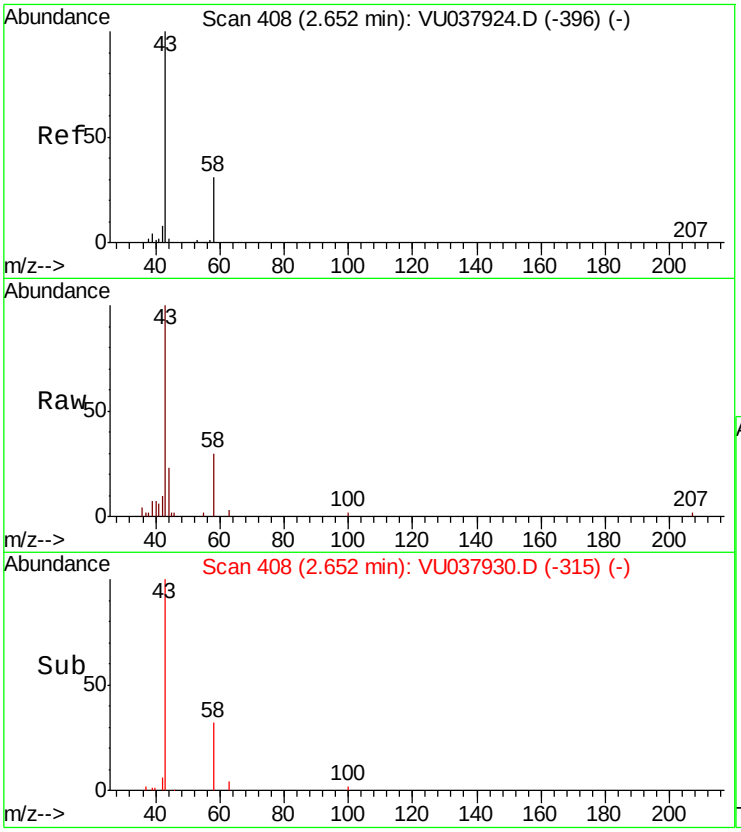


#12
1,1-Dichloroethene
Concen: 1.369 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Tgt Ion: 96 Resp: 5418

Ion	Ratio	Lower	Upper
96	100		
61	751.7	134.1	249.0#
63	5629.6	96.5	179.1#



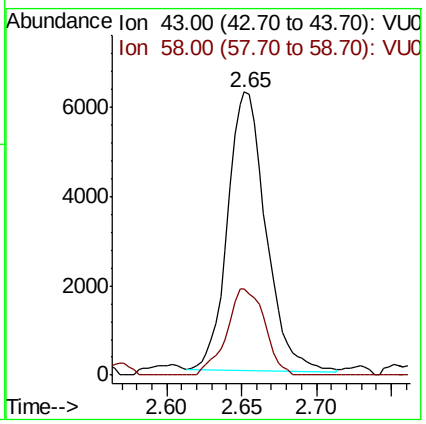


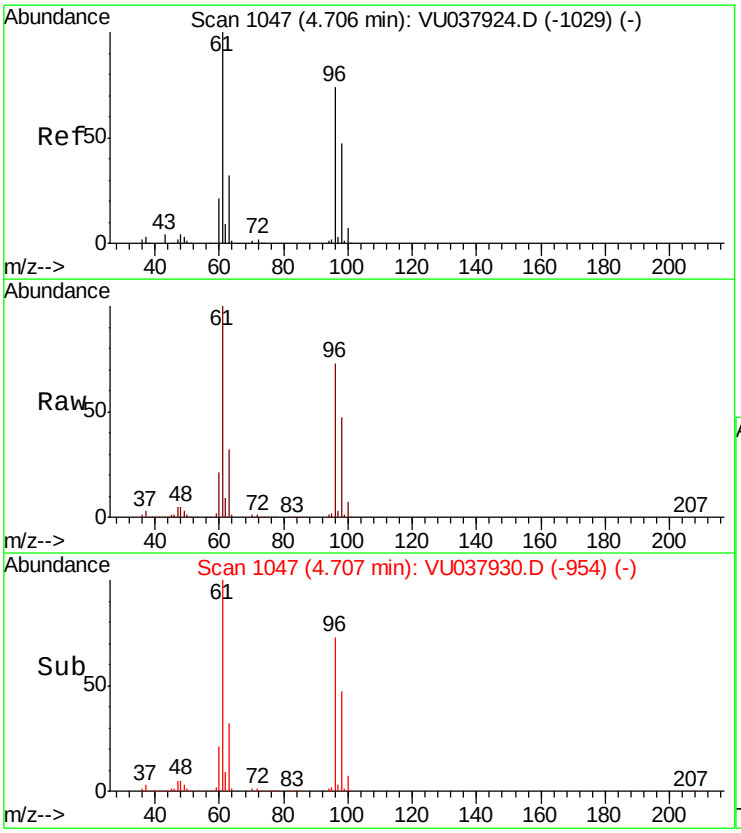
#13
Acetone
Concen: 4.107 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 11058

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	62.0

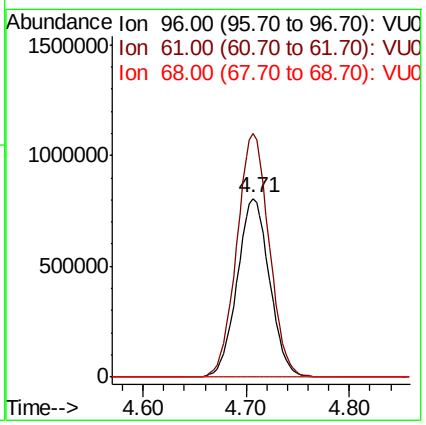


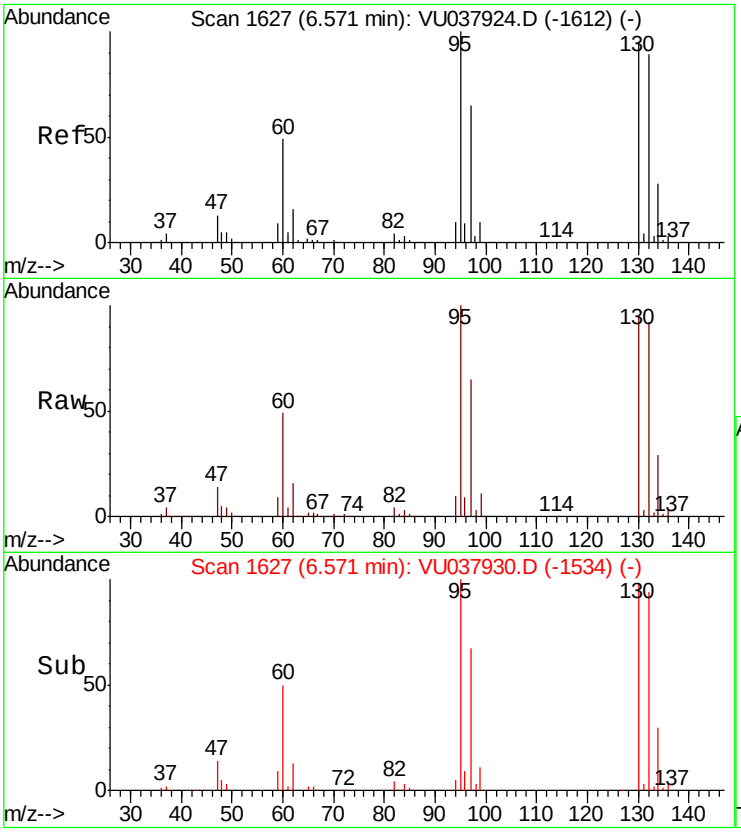


#20
cis-1,2-Dichloroethene
Concen: 362.321 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Tgt Ion: 96 Resp: 1755465

Ion	Ratio	Lower	Upper
96	100		
61	136.2	100.4	186.4
68	0.0	0.0	0.0



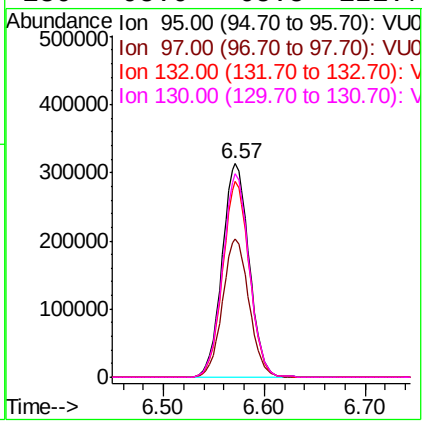


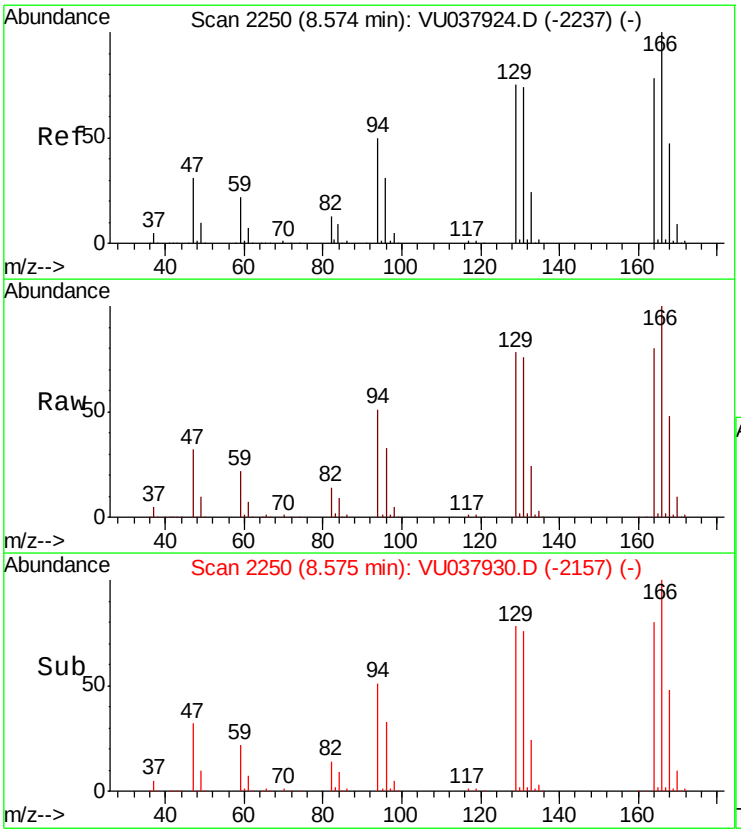
#34
Trichloroethene
Concen: 126.148 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 584838

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.5
132	91.6	65.0	120.6
130	95.0	65.5	121.7

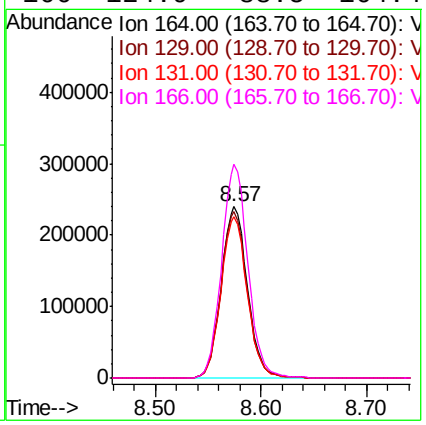


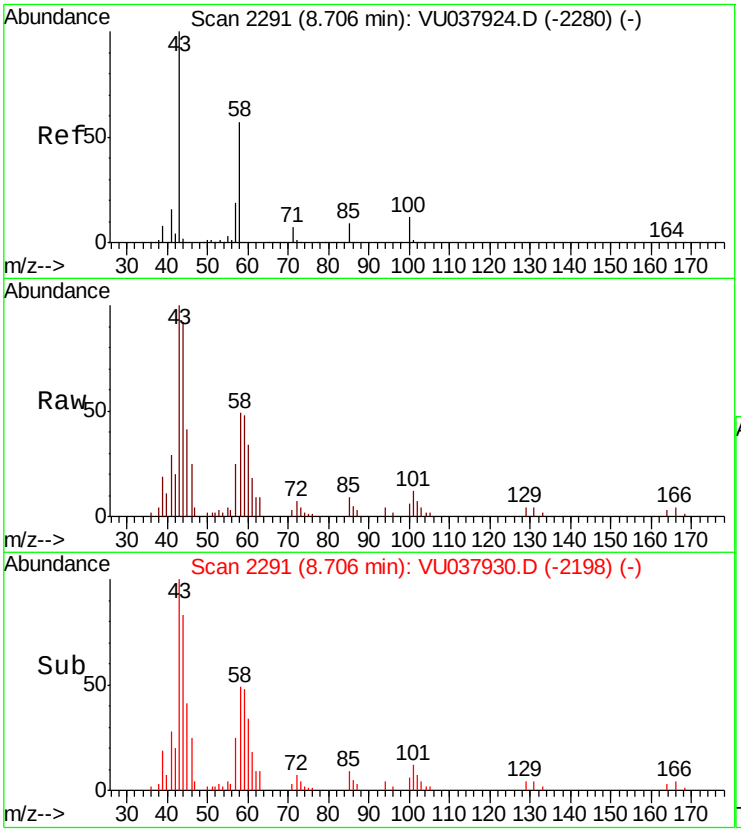


#46
Tetrachloroethene
Concen: 121.527 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Tgt Ion:164 Resp: 411812

Ion	Ratio	Lower	Upper
164	100		
129	97.1	67.3	125.1
131	94.5	64.8	120.4
166	124.9	88.5	164.4



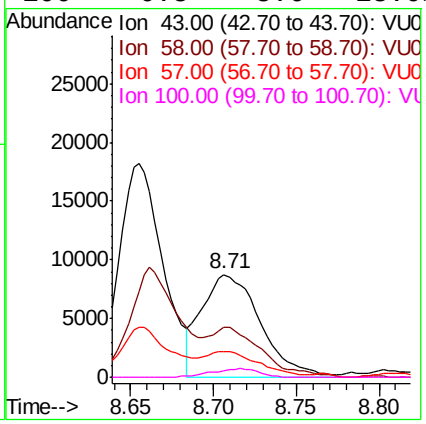


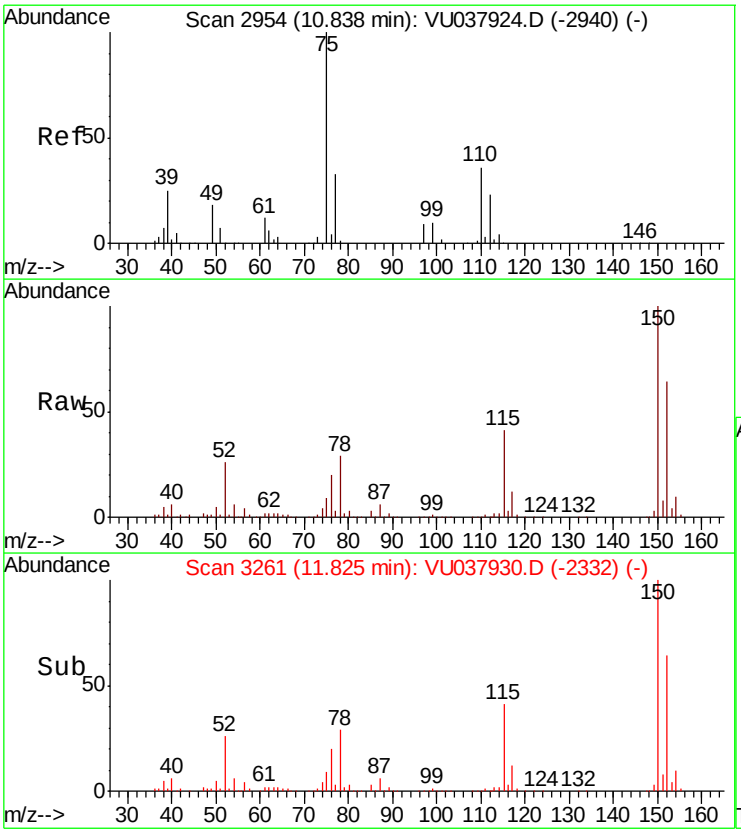
#48
2-Hexanone
Concen: 3.058 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 21706

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.6	63.8#
57	0.0	14.6	22.0#
100	6.8	8.6	13.0#





#59
1,2,3-Trichloropropane
Concen: 5.293 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU037930.D
Acq: 29 Apr 2020 23:02

Tgt Ion: 75 Resp: 36703

Ion	Ratio	Lower	Upper
75	100		
77	38.8	25.8	38.6#