Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\
Data File : VU031967.D
Acq On : 13 May 2019 13:18
Operator : JC/SP
Sample : K2739-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB886MS

Quant Time: May 14 13:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	571645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	267713	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	114175	2.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.60%			
7) Chloroethane-d5	1.67	69	121269	3.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.40%			
11) 1,1-Dichloroethene-d2	2.27	63	285155	3.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.00%			
20) 2-Butanone-d5	4.18	46	550060	36.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.32%			
24) Chloroform-d	4.64	84	281561	3.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.40%			
26) 1,2-Dichloroethane-d4	5.31	65	152499	3.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 62.80%#			
32) Benzene-d6	5.33	84	551295	3.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.60%			
36) 1,2-Dichloropropane-d6	6.33	67	199042	3.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 73.40%			
41) Toluene-d8	7.56	98	539546	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	7.85	79	74077	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.80%			
46) 2-Hexanone-d5	8.31	63	459470	47.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	181362	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	205791	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	197842	5.092	ug/L #	66
13) Acetone	2.32	43	40457	3.894	ug/L	89
18) trans-1,2-Dichloroethene	2.98	96	9921	0.237	ug/L	80
30) Cyclohexane	4.98	56	658153	7.596	ug/L	92
33) Benzene	5.38	78	881356	4.379	ug/L	100
34) Trichloroethene	6.18	95	222153	4.377	ug/L	93
35) Methylcyclohexane	6.41	83	1756343	24.094	ug/L	93
42) Toluene	7.63	91	986829	4.965	ug/L	97
51) Chlorobenzene	9.12	112	568861	4.815	ug/L	95
52) Ethylbenzene	9.25	91	76785	0.370	ug/L	97
56) Isopropylbenzene	10.16	105	3442373	18.218	ug/L	97

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
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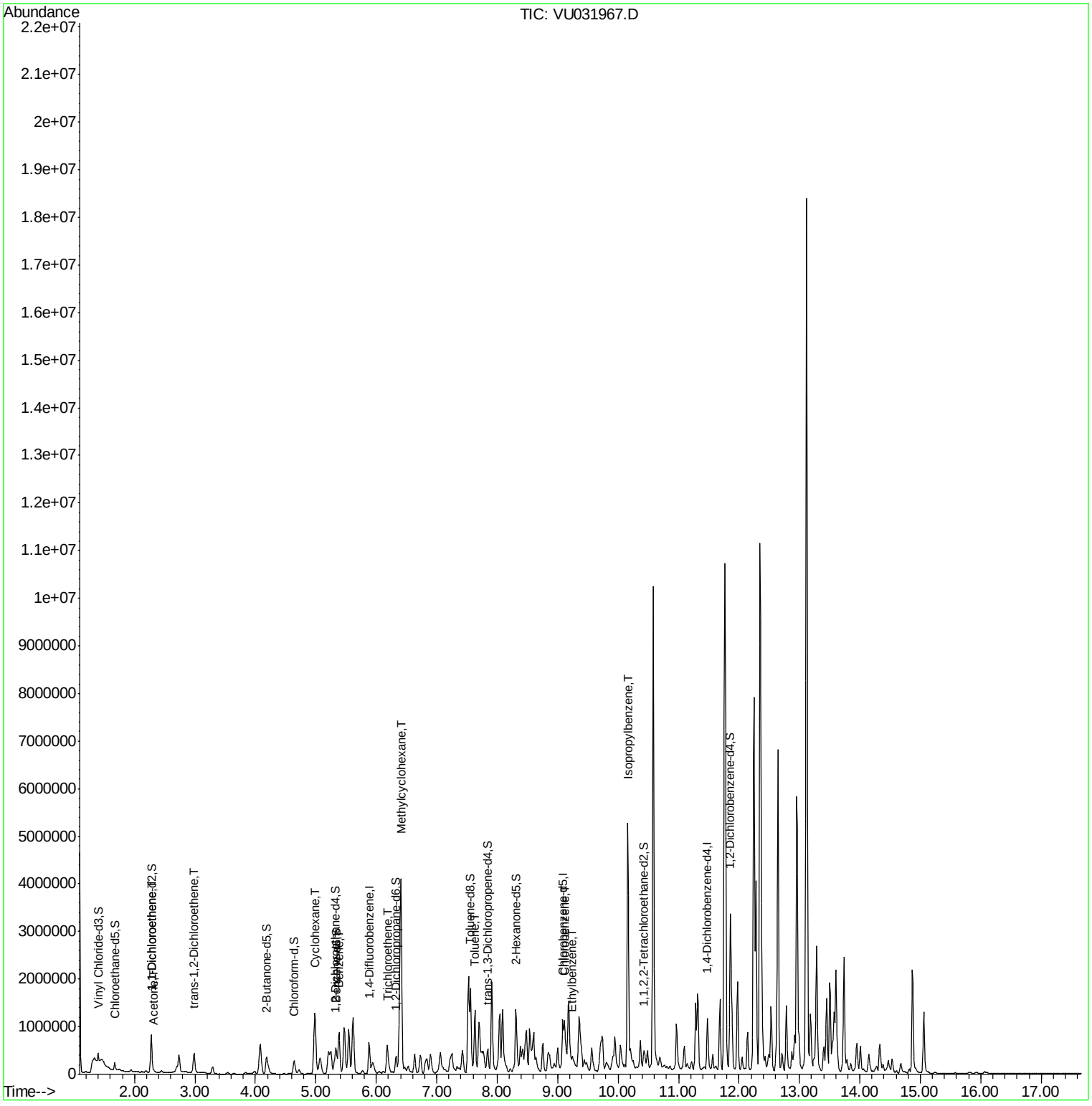
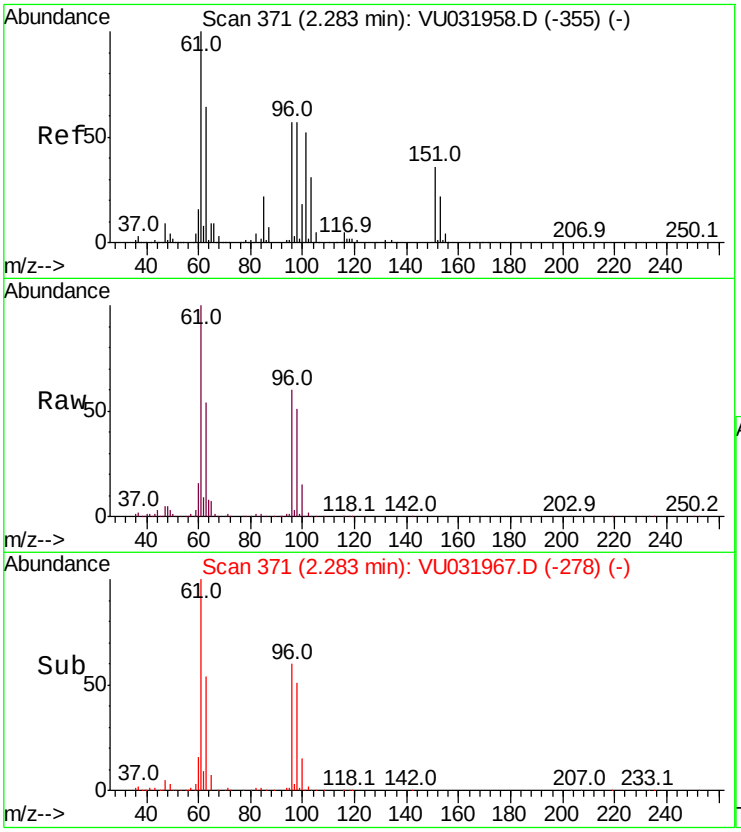


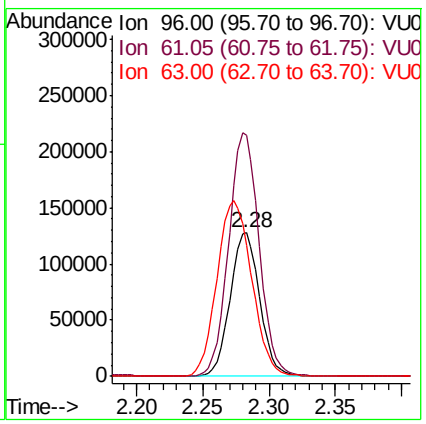


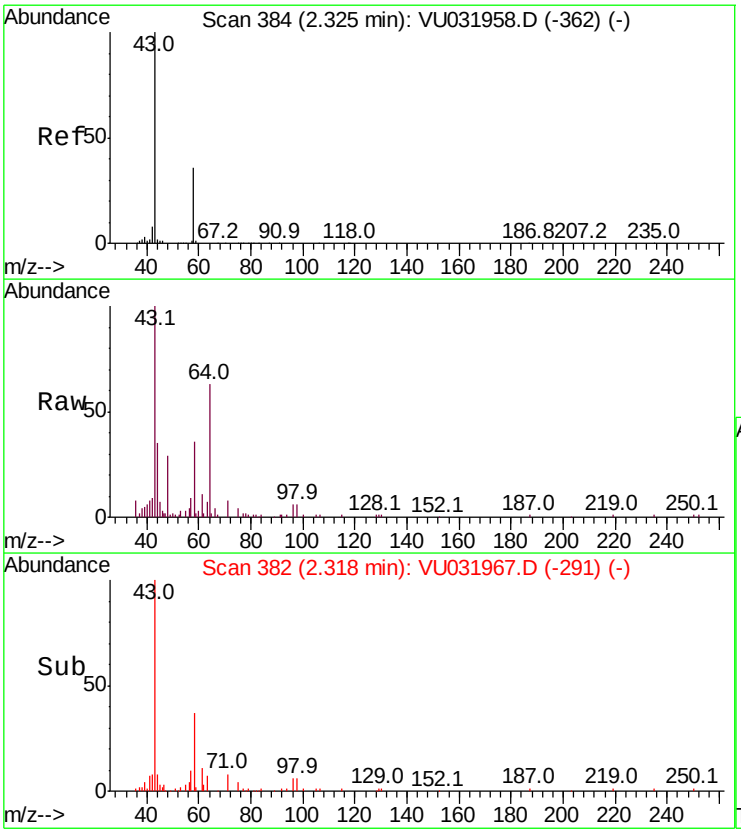
#12
1,1-Dichloroethene
Concen: 5.092 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
DB886MS

Tgt Ion: 96 Resp: 197842

Ion	Ratio	Lower	Upper
96	100		
61	167.9	149.0	276.6
63	90.8	99.8	185.4#

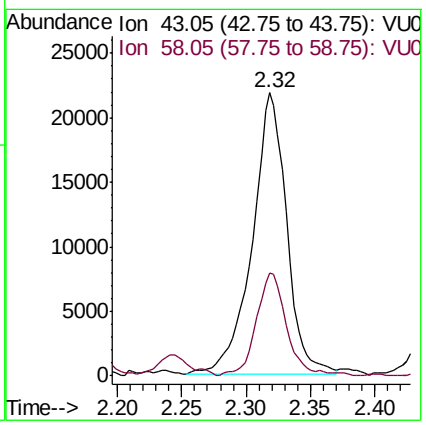


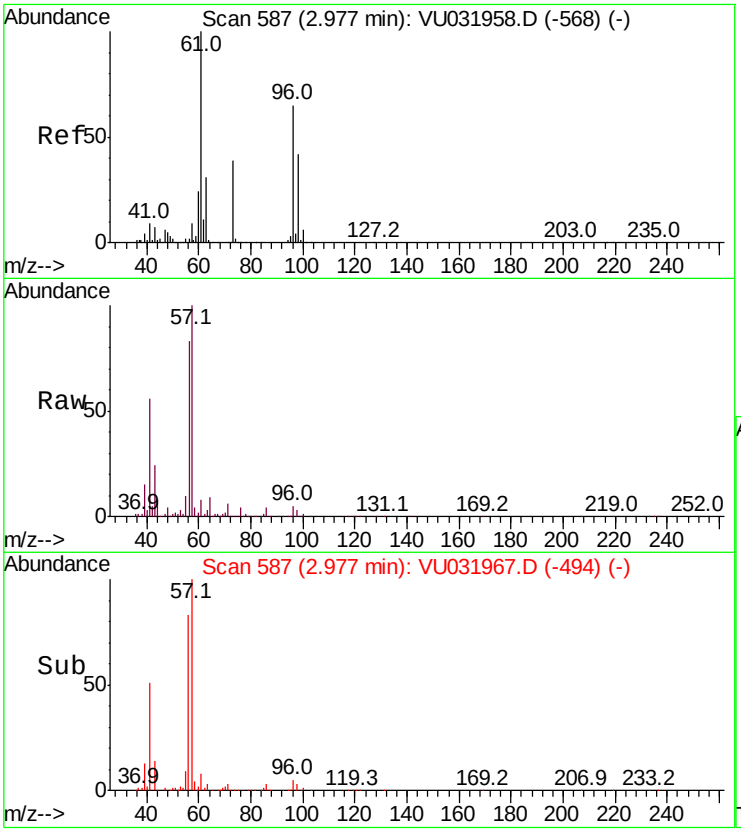


#13
Acetone
Concen: 3.894 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Tgt Ion: 43 Resp: 40457

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	53.6



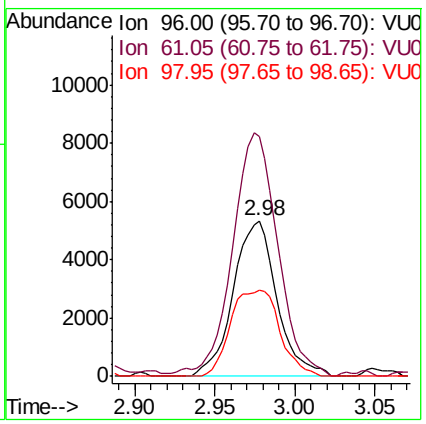


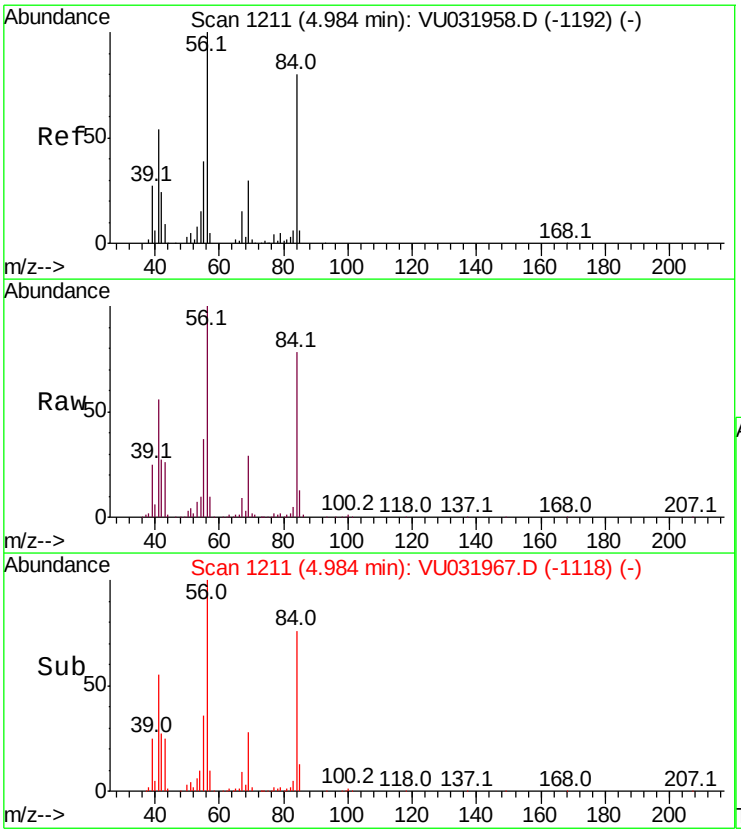
#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
DB886MS

Tgt Ion: 96 Resp: 9921

Ion	Ratio	Lower	Upper
96	100		
61	153.8	130.9	243.1
98	55.2	46.2	85.8

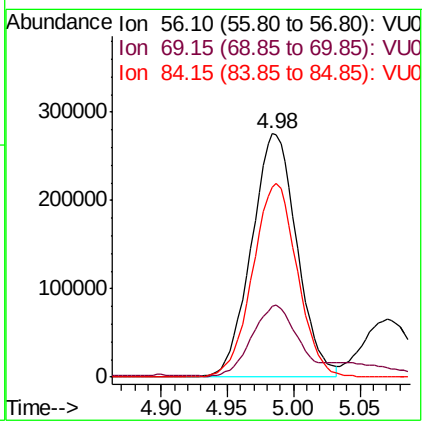


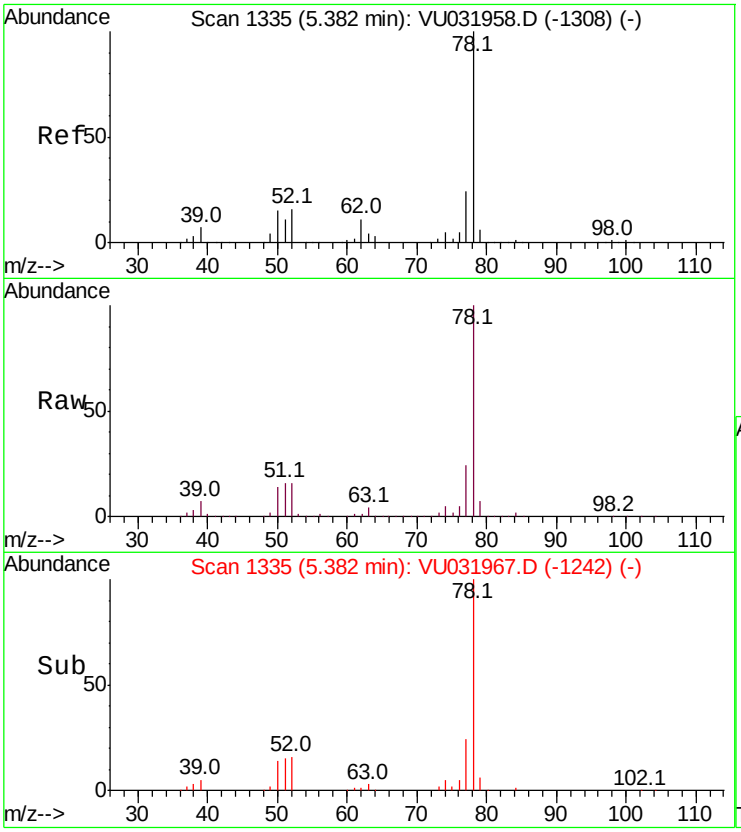


#30
Cyclohexane
Concen: 7.596 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Tgt Ion: 56 Resp: 658153

Ion	Ratio	Lower	Upper
56	100		
69	29.8	21.8	32.8
84	78.6	56.8	85.2

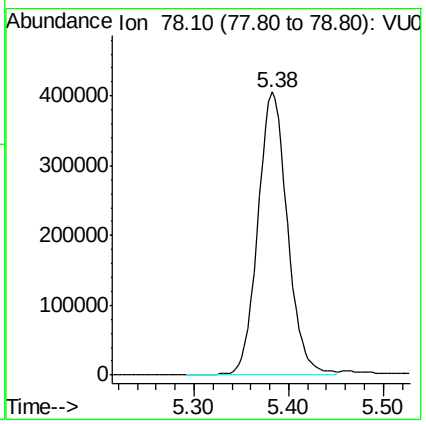


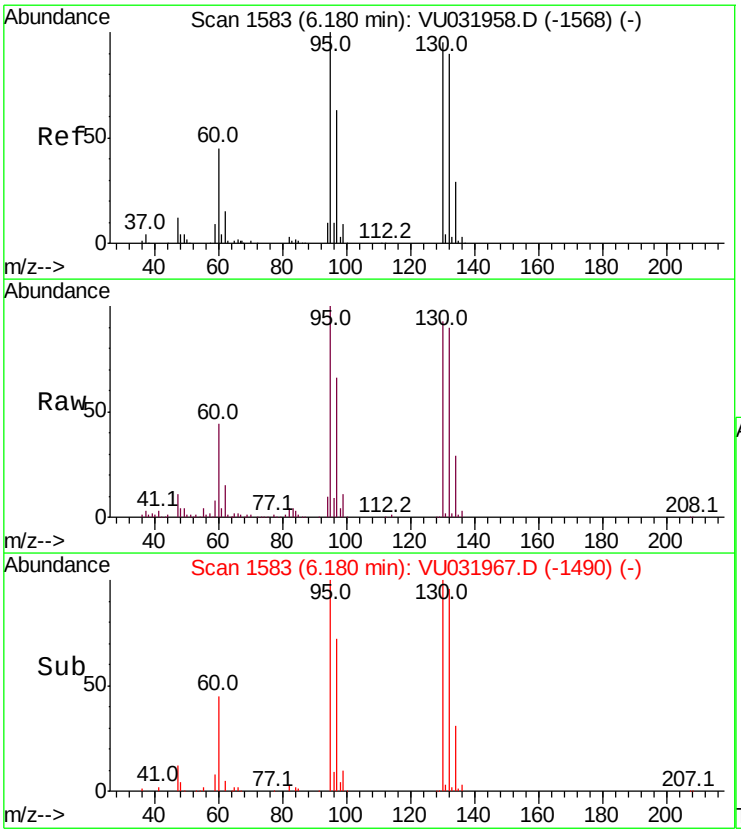


#33
Benzene
Concen: 4.379 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
DB886MS

Tgt Ion: 78 Resp: 881356

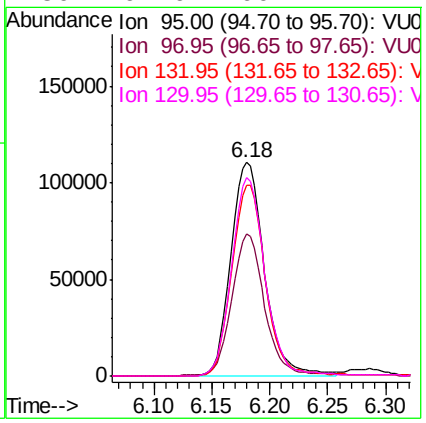


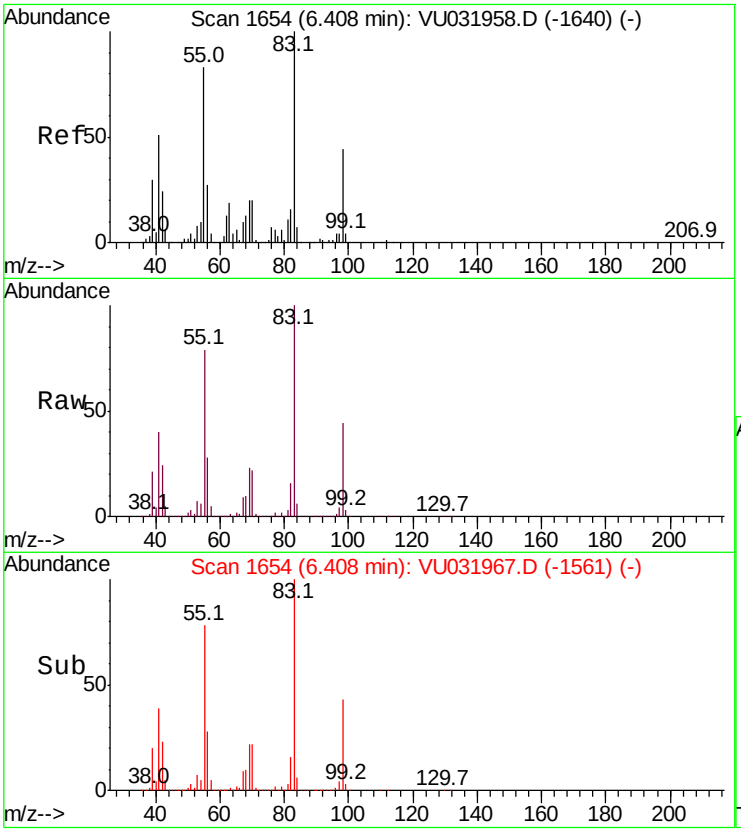


#34
Trichloroethene
Concen: 4.377 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Tgt Ion: 95 Resp: 222153

Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.8	85.2
132	89.6	56.0	104.0
130	92.9	60.4	112.2



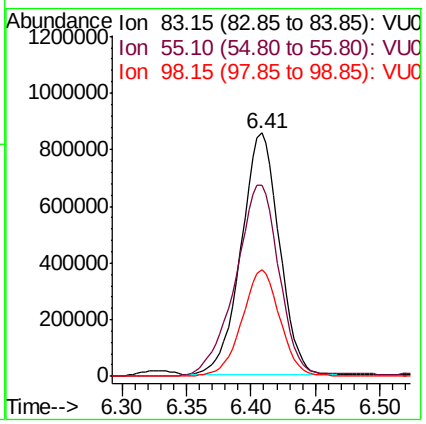


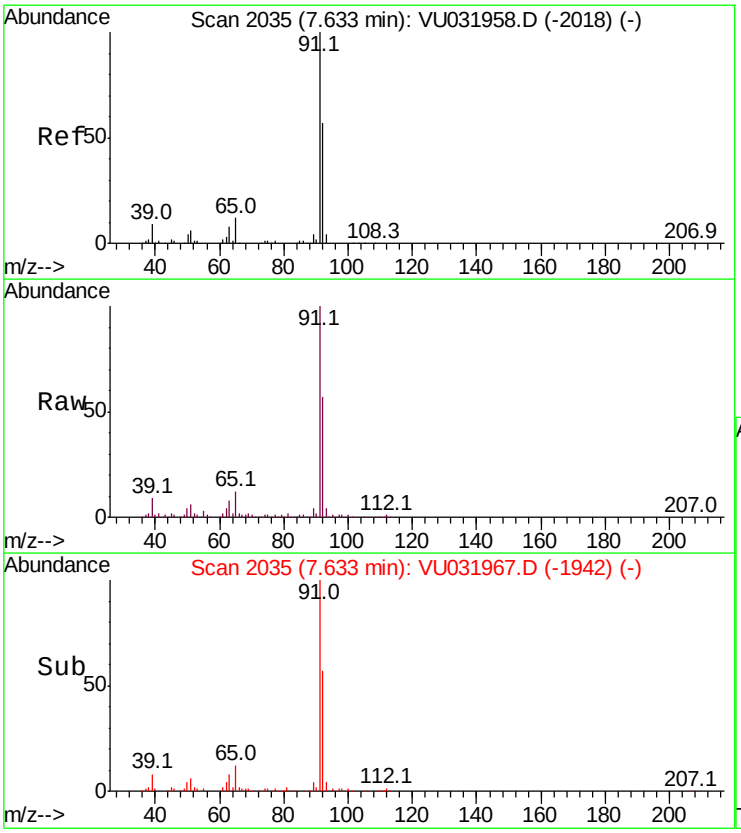
#35
Methylcyclohexane
Concen: 24.094 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
DB886MS

Tgt Ion: 83 Resp: 1756343

Ion	Ratio	Lower	Upper
83	100		
55	90.6	79.2	118.8
98	43.9	34.0	51.0

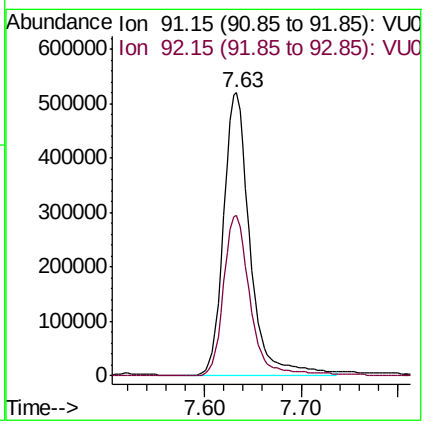


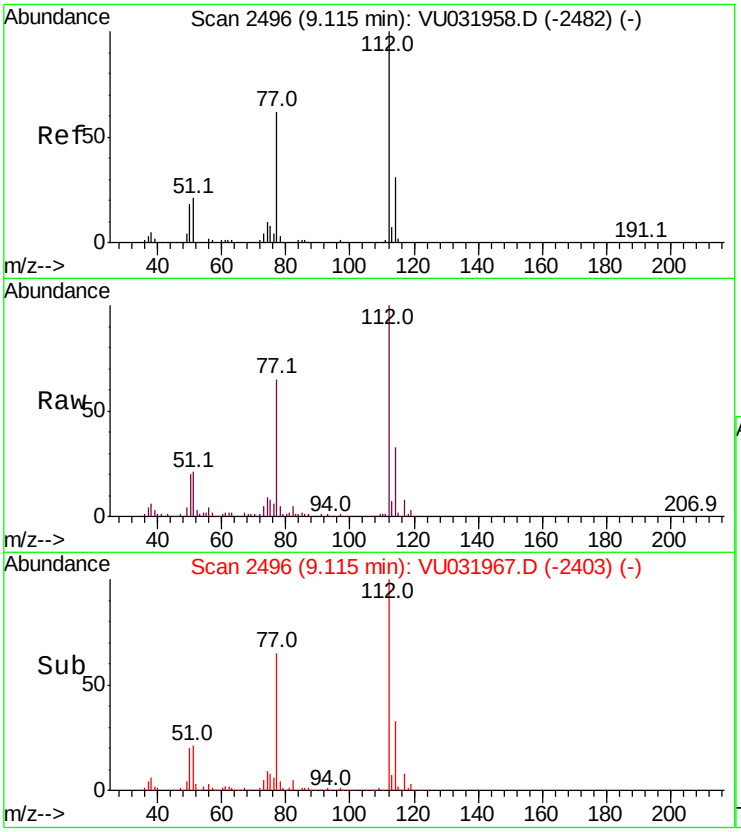


#42
Toluene
Concen: 4.965 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Tgt Ion: 91 Resp: 986829

Ion	Ratio	Lower	Upper
91	100		
92	56.5	38.1	70.9



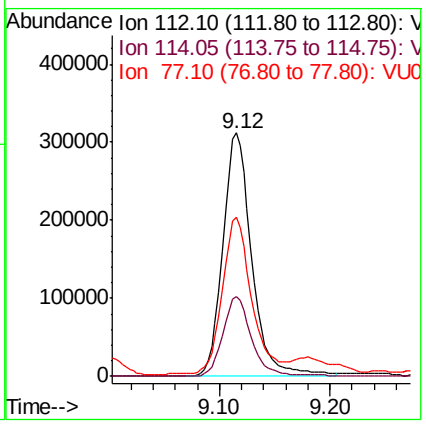


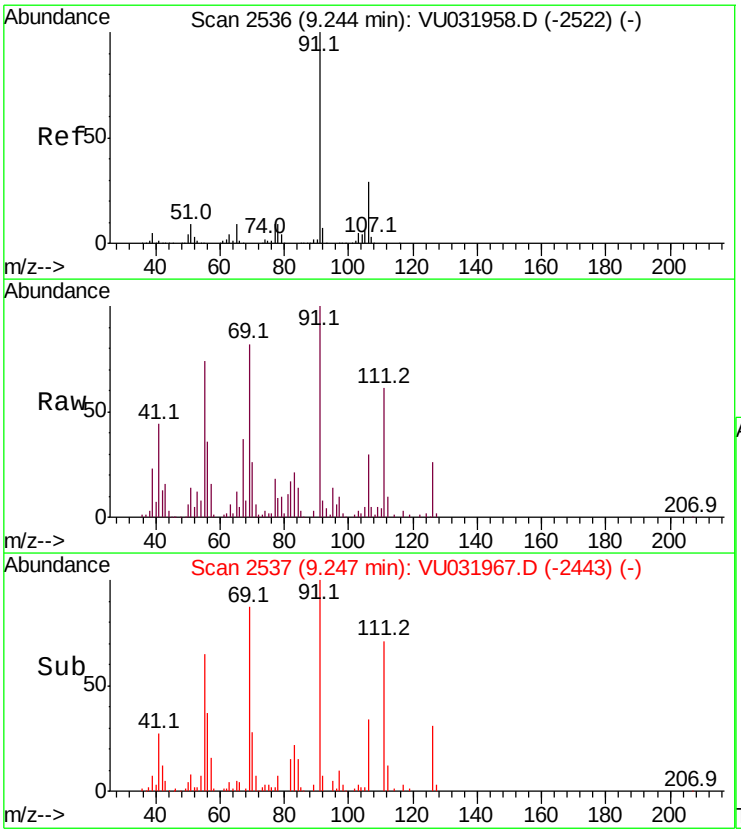
#51
Chlorobenzene
Concen: 4.815 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
DB886MS

Tgt Ion:112 Resp: 568861

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.5	41.7
77	65.4	56.9	85.3

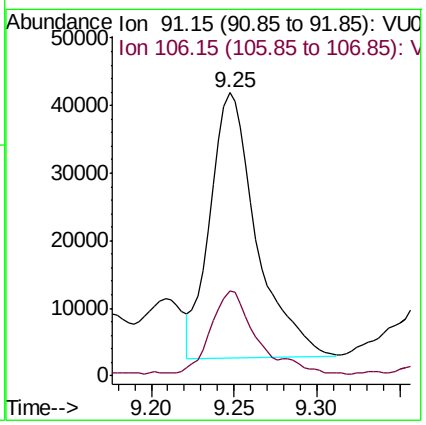


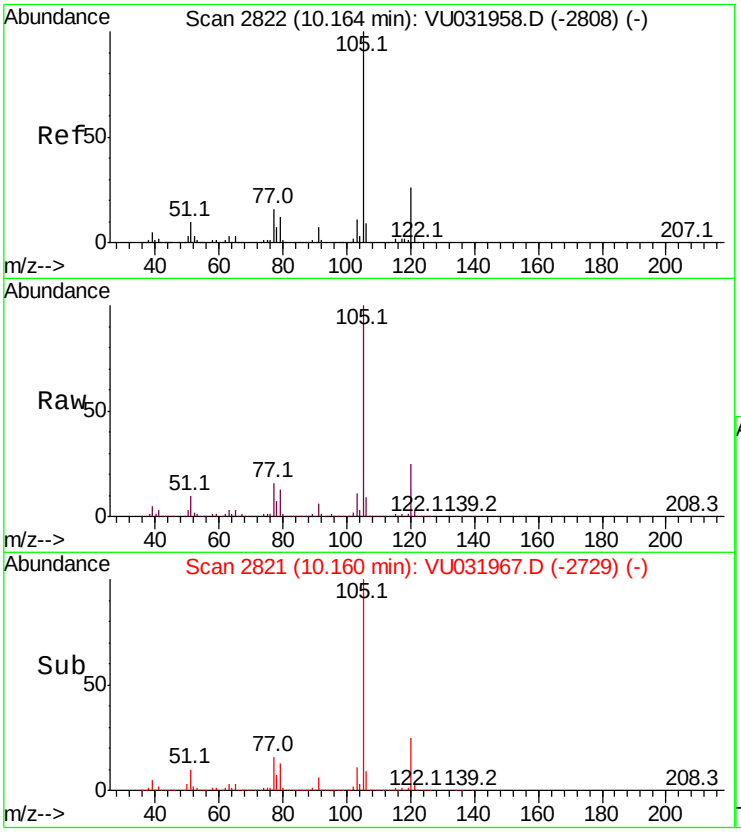


#52
Ethylbenzene
Concen: 0.370 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Tgt Ion: 91 Resp: 76785

Ion	Ratio	Lower	Upper
91	100		
106	30.0	20.0	37.2





#56
Isopropylbenzene
Concen: 18.218 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU031967.D
Acq: 13 May 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
DB886MS

Tgt Ion:105 Resp: 3442373

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.2	30.4
77	15.7	14.8	22.2