Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\
Data File : VU031968.D
Acq On : 13 May 2019 13:43
Operator : JC/SP
Sample : K2739-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB886MSD

Quant Time: May 14 13:39:42 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	596291	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	597048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	281901	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	116304	2.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.20%			
7) Chloroethane-d5	1.67	69	120829	3.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.00%			
11) 1,1-Dichloroethene-d2	2.27	63	299419	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.40%			
20) 2-Butanone-d5	4.18	46	561877	35.41	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.82%			
24) Chloroform-d	4.64	84	291345	3.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.00%			
26) 1,2-Dichloroethane-d4	5.31	65	154712	3.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 61.20%#			
32) Benzene-d6	5.33	84	567361	3.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.20%			
36) 1,2-Dichloropropane-d6	6.33	67	195423	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 69.60%			
41) Toluene-d8	7.56	98	541737	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	7.85	79	73093	3.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.20%			
46) 2-Hexanone-d5	8.31	63	480625	48.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	183785	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	206148	4.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	199285	4.917	ug/L	74
13) Acetone	2.32	43	59632	5.503	ug/L	92
18) trans-1,2-Dichloroethene	2.97	96	10009	0.229	ug/L	82
30) Cyclohexane	4.98	56	695588	7.762	ug/L	93
33) Benzene	5.38	78	906827	4.356	ug/L	100
34) Trichloroethene	6.18	95	226660	4.318	ug/L	92
35) Methylcyclohexane	6.41	83	1827943	24.246	ug/L	93
42) Toluene	7.63	91	1021794	4.971	ug/L	95
51) Chlorobenzene	9.12	112	593181	4.855	ug/L	96
52) Ethylbenzene	9.25	91	85159	0.397	ug/L	99
56) Isopropylbenzene	10.16	105	3575038	18.294	ug/L	97

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

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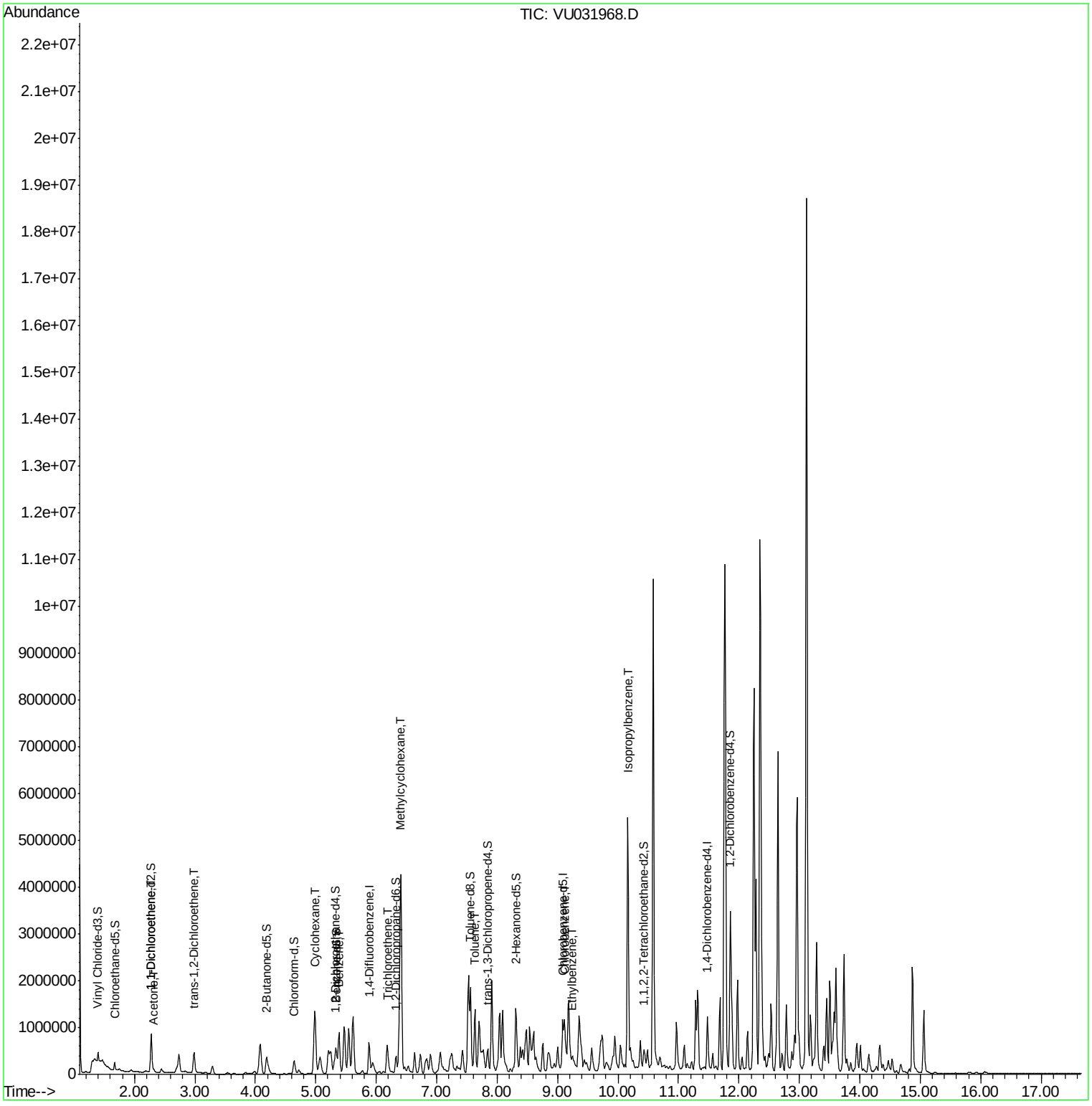
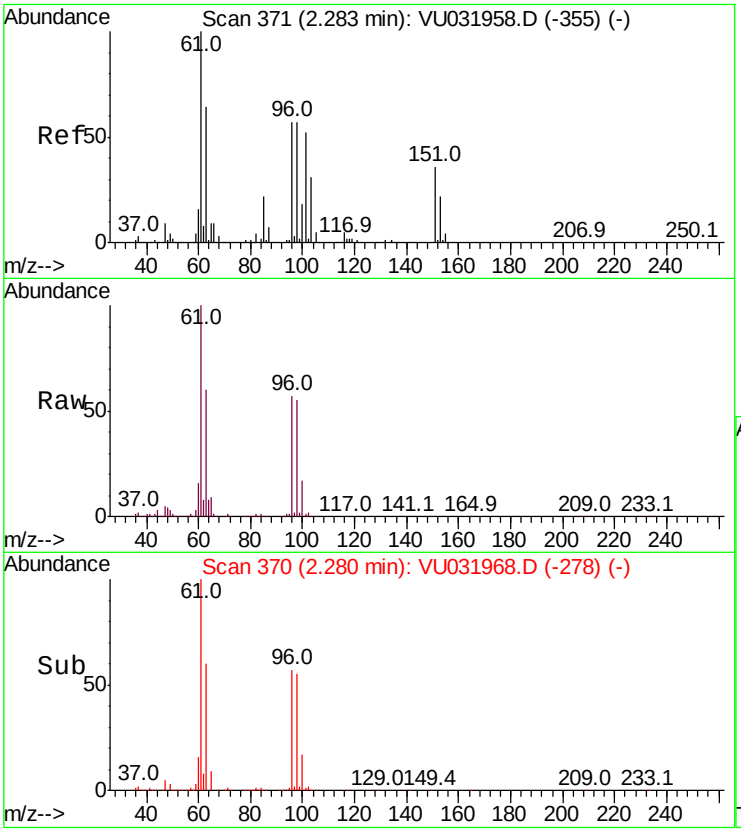


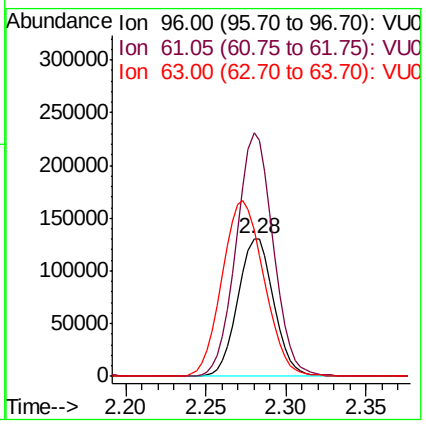


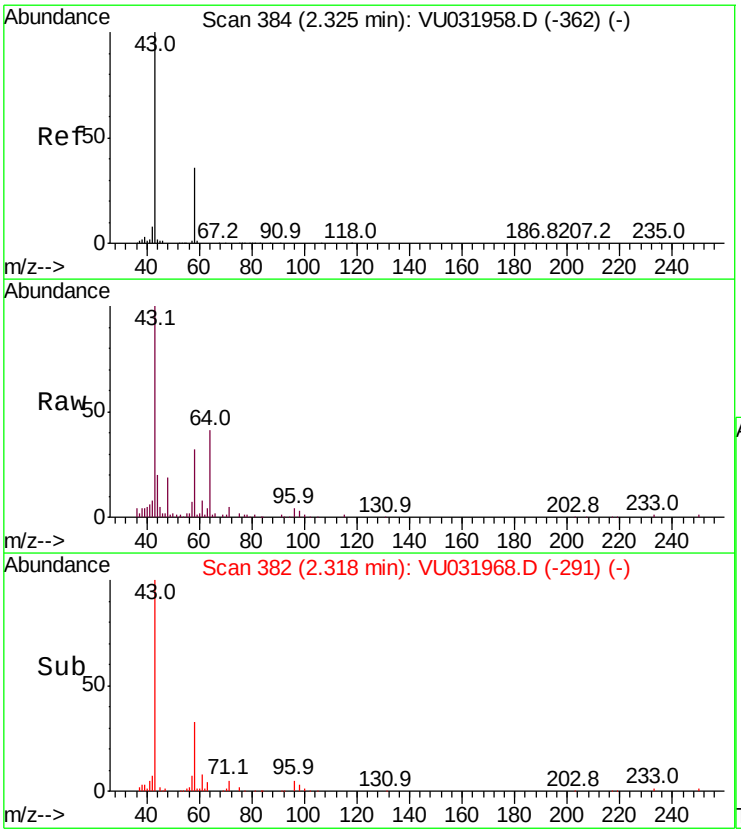
#12
1,1-Dichloroethene
Concen: 4.917 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB886MSD

Tgt Ion: 96 Resp: 199285

Ion	Ratio	Lower	Upper
96	100		
61	176.6	149.0	276.6
63	105.9	99.8	185.4

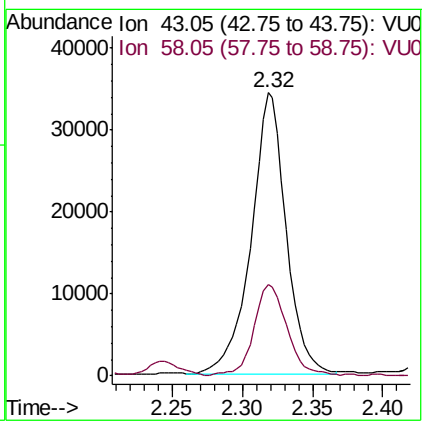


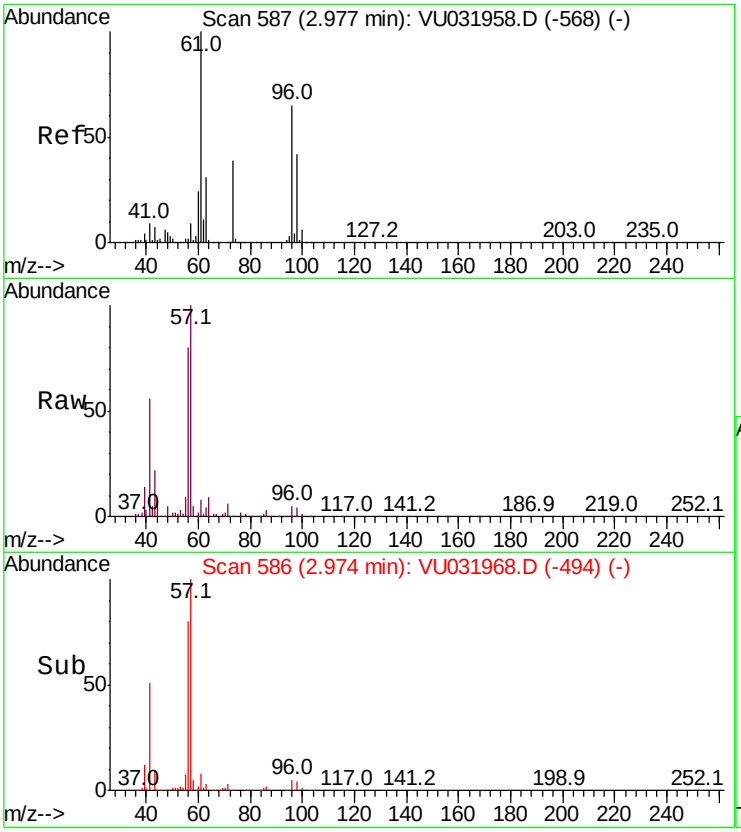


#13
Acetone
Concen: 5.503 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Tgt Ion: 43 Resp: 59632

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	53.6



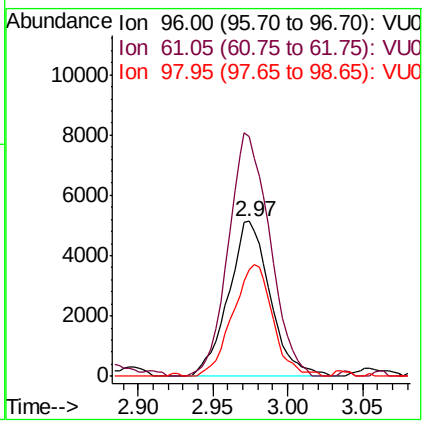


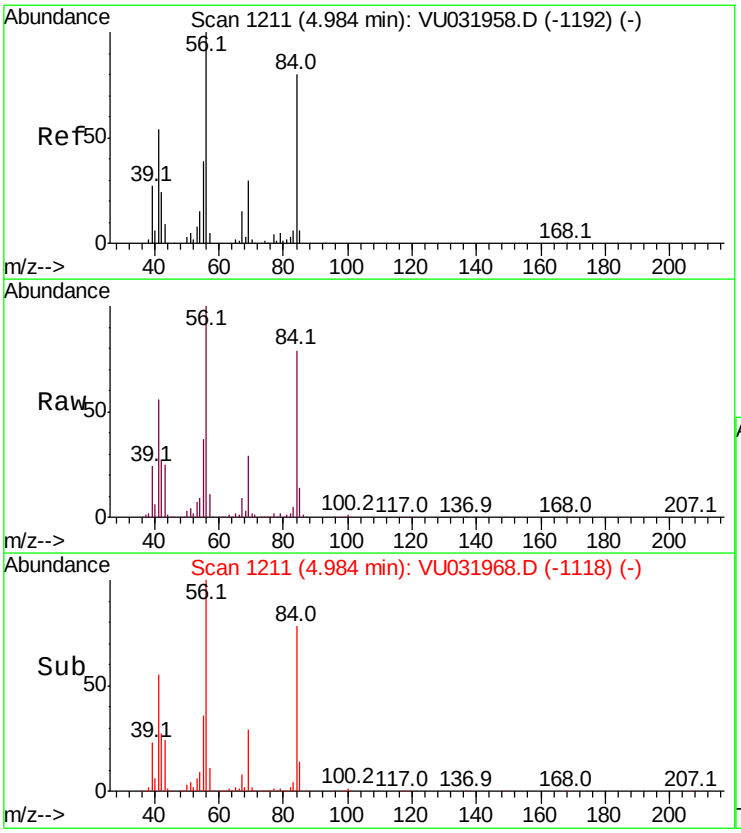
#18
trans-1,2-Dichloroethene
Concen: 0.229 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB886MSD

Tgt Ion: 96 Resp: 10009

Ion	Ratio	Lower	Upper
96	100		
61	154.5	130.9	243.1
98	69.0	46.2	85.8

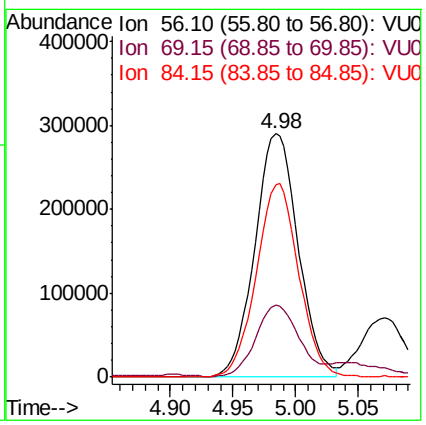


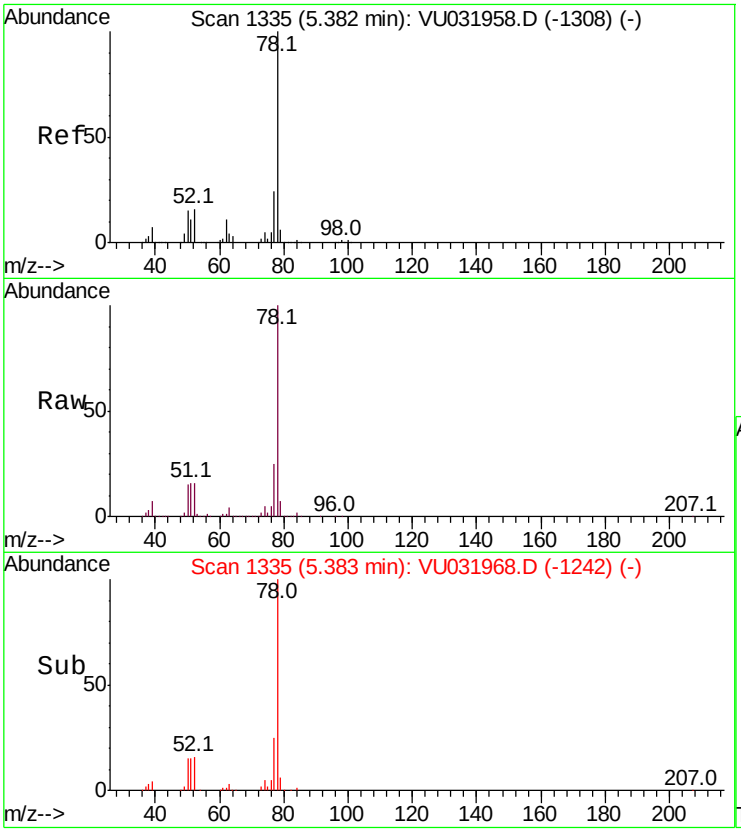


#30
Cyclohexane
Concen: 7.762 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Tgt Ion: 56 Resp: 695588

Ion	Ratio	Lower	Upper
56	100		
69	29.3	21.8	32.8
84	78.0	56.8	85.2

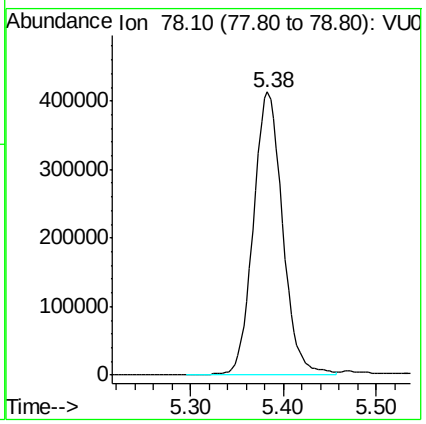


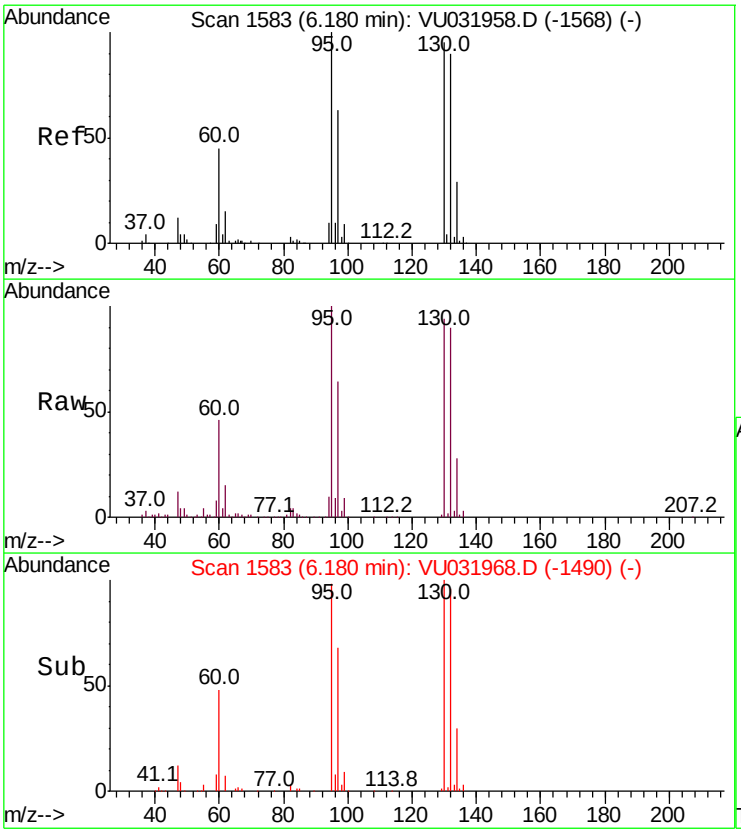


#33
Benzene
Concen: 4.356 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB886MSD

Tgt Ion: 78 Resp: 906827

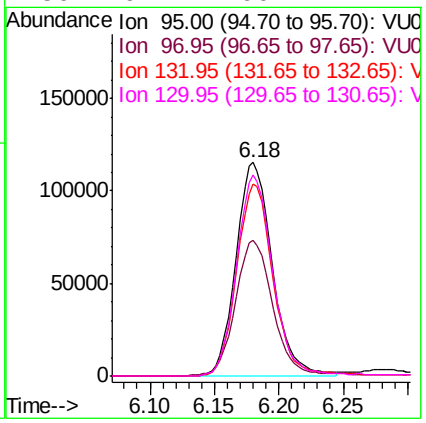


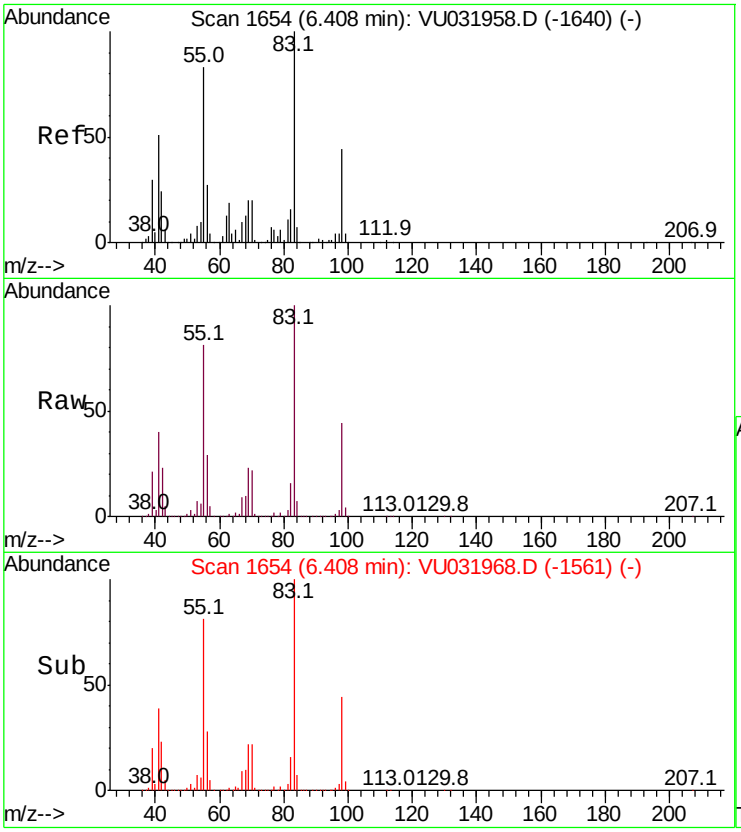


#34
Trichloroethene
Concen: 4.318 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Tgt Ion: 95 Resp: 226660

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.8	85.2
132	90.0	56.0	104.0
130	94.1	60.4	112.2



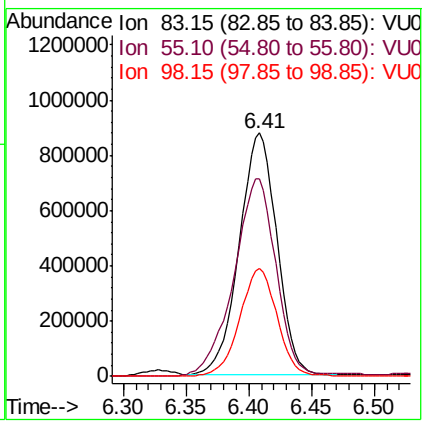


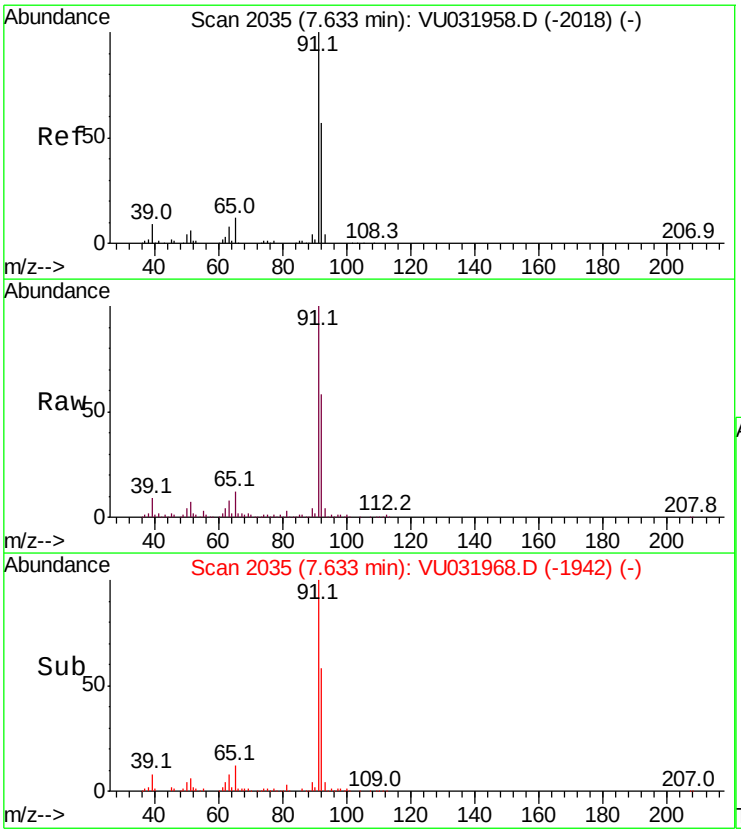
#35
Methylcyclohexane
Concen: 24.246 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB886MSD

Tgt Ion: 83 Resp: 1827943

Ion	Ratio	Lower	Upper
83	100		
55	91.0	79.2	118.8
98	44.5	34.0	51.0

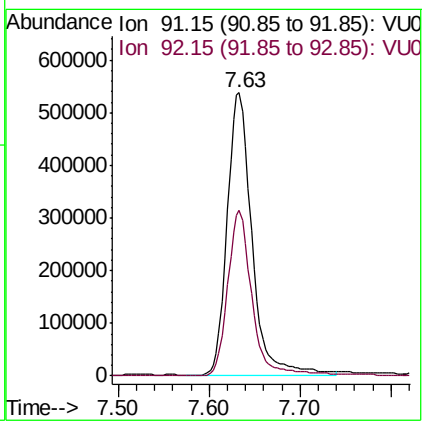


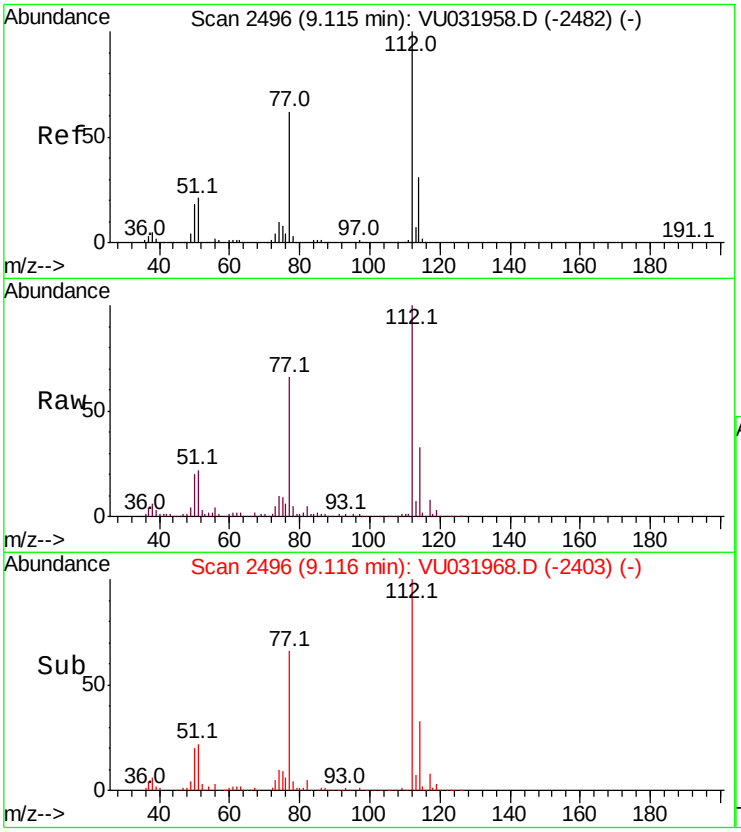


#42
Toluene
Concen: 4.971 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Tgt Ion: 91 Resp: 1021794

Ion	Ratio	Lower	Upper
91	100		
92	58.4	38.1	70.9



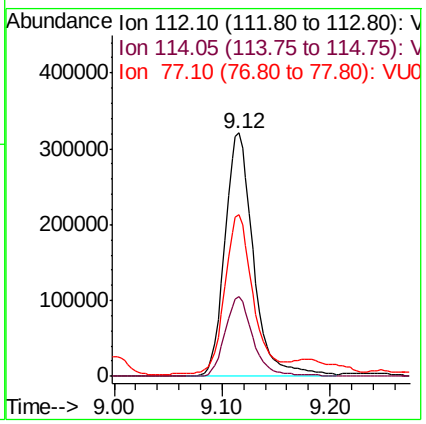


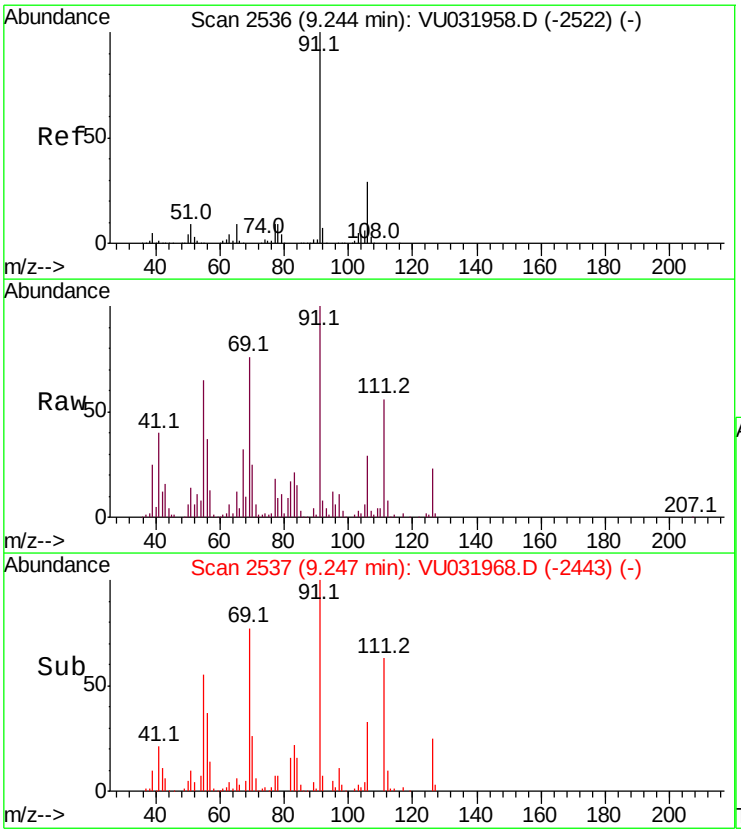
#51
Chlorobenzene
Concen: 4.855 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB886MSD

Tgt Ion:112 Resp: 593181

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.7
77	66.3	56.9	85.3

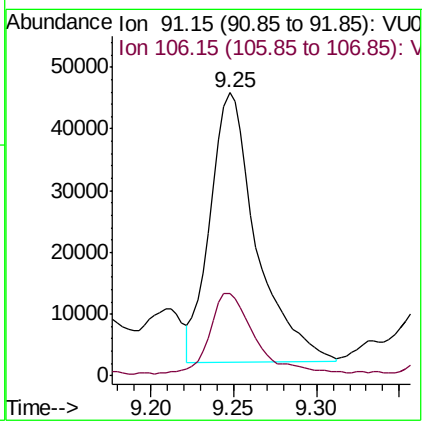


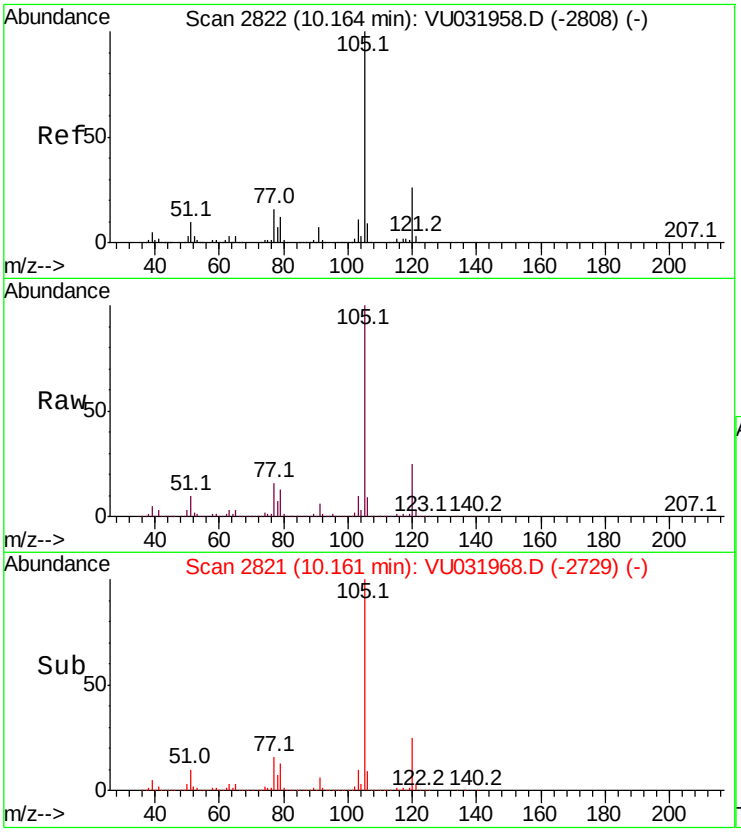


#52
Ethylbenzene
Concen: 0.397 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Tgt Ion: 91 Resp: 85159

Ion	Ratio	Lower	Upper
91	100		
106	29.1	20.0	37.2





#56
Isopropylbenzene
Concen: 18.294 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU031968.D
Acq: 13 May 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
DB886MSD

Tgt Ion:105 Resp: 3575038

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.2	30.4
77	15.7	14.8	22.2