Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035332.D
Acq On : 21 Oct 2019 20:06
Operator : JC/SP
Sample : K5421-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA3

Quant Time: Oct 22 07:13:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	294065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	106353	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	76406	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.93	69	74504	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.59	63	108580	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.71	46	239318	46.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.88%			
24) Chloroform-d	5.11	84	158481	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.75	65	88133	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.77	84	310681	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.74	67	102576	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.93	98	276763	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	8.22	79	38319	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.69	63	182318	40.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.74%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86118	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	90199	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
13) Acetone	2.67	43	10668	2.976	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	2845	0.126	ug/L	99
27) 1,2-Dichloroethane	5.84	62	4546	0.183	ug/L	96
42) Toluene	8.00	91	16526	0.177	ug/L	93
51) Chlorobenzene	9.48	112	85130	1.414	ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	3683	0.103	ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	33978	0.997	ug/L	98

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

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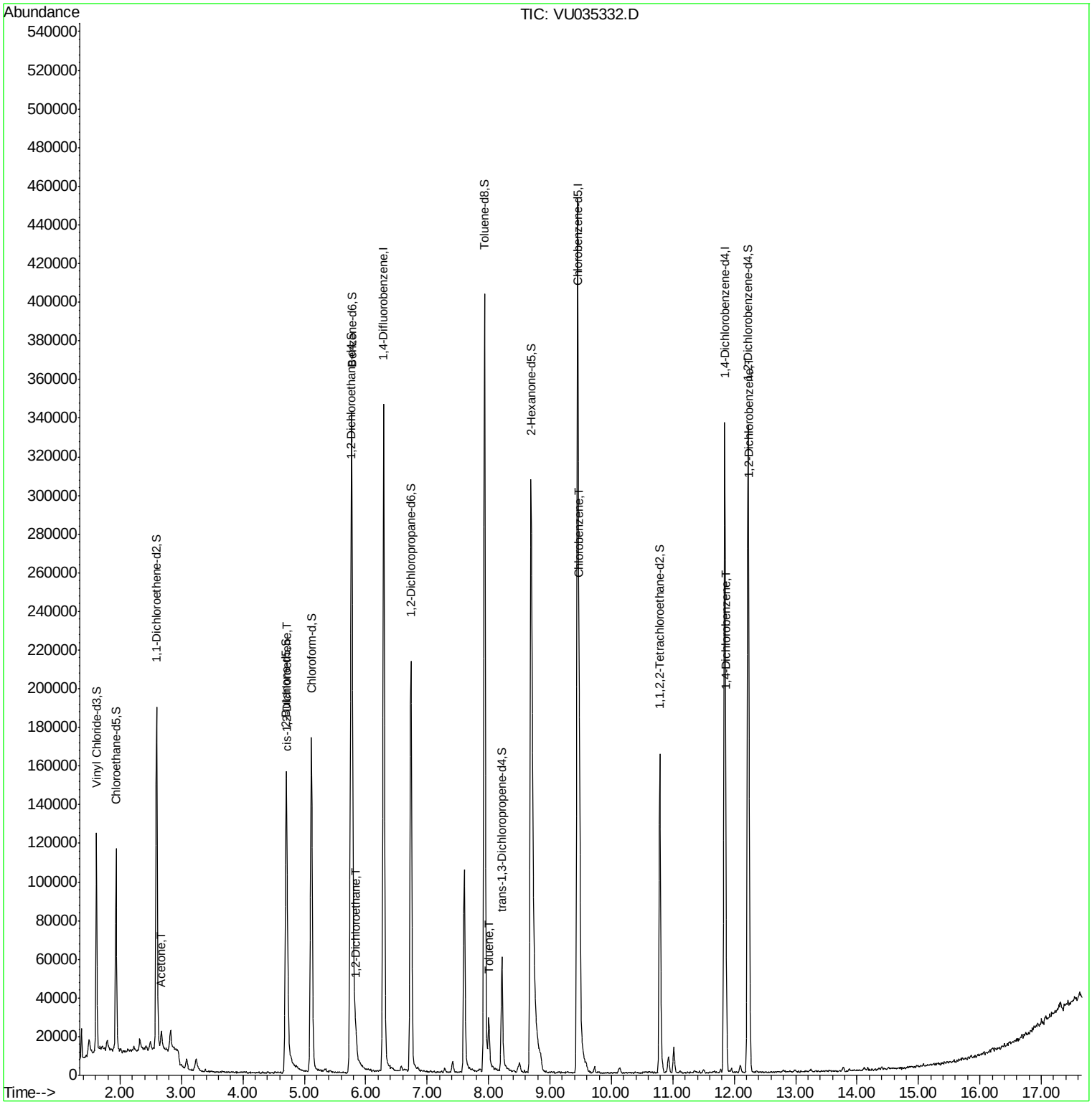
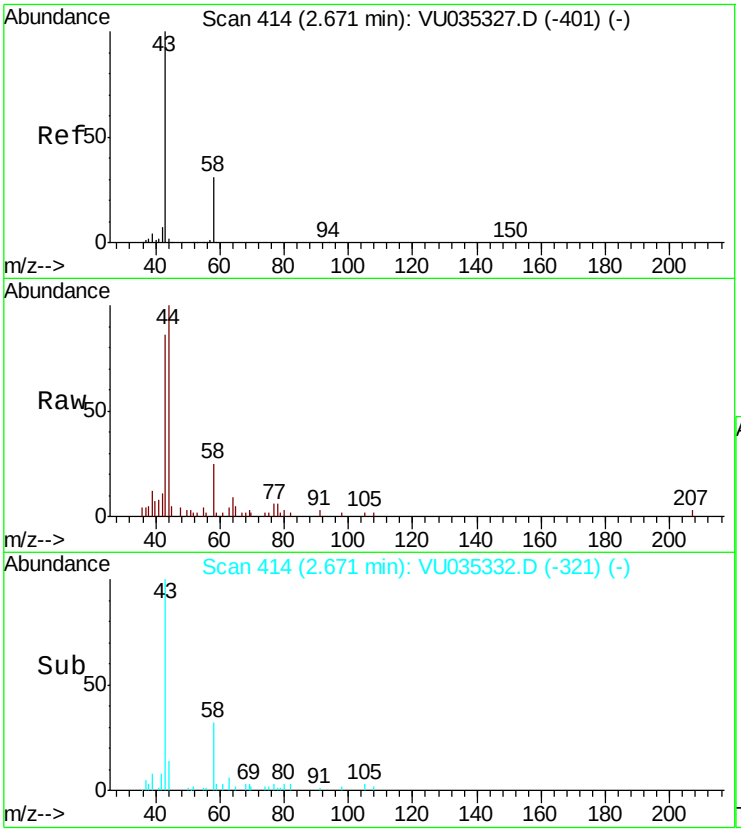


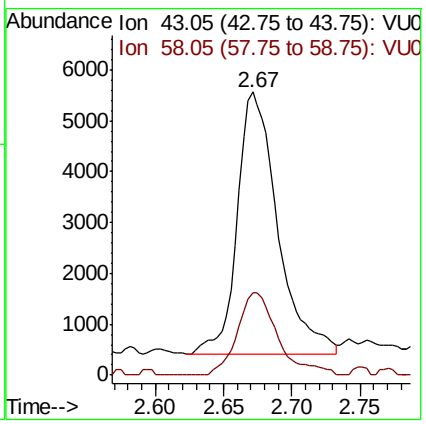


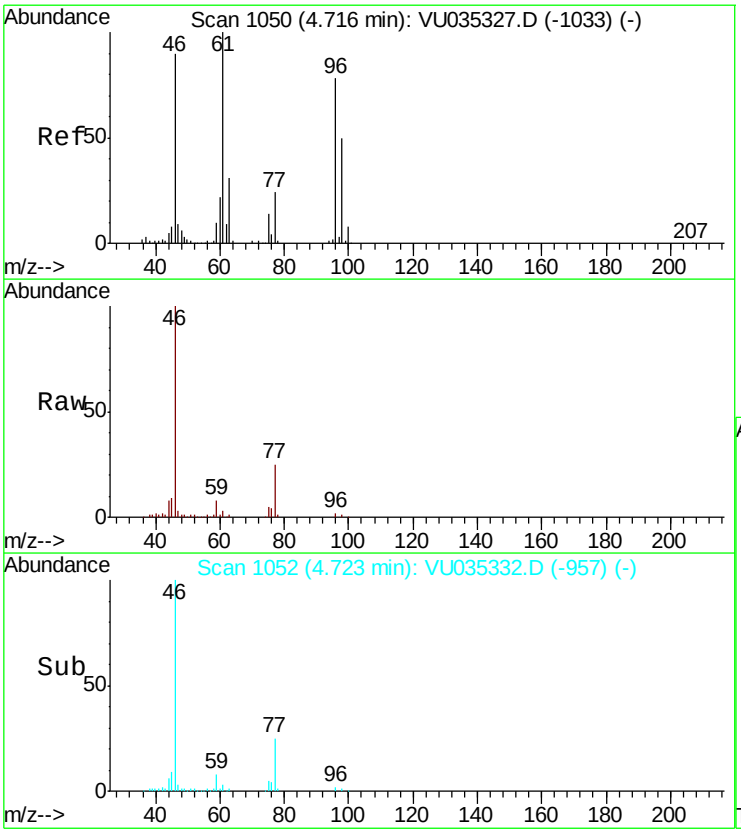
#13
Acetone
Concen: 2.976 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU035332.D
Acq: 21 Oct 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

Tgt Ion: 43 Resp: 10668

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	61.8

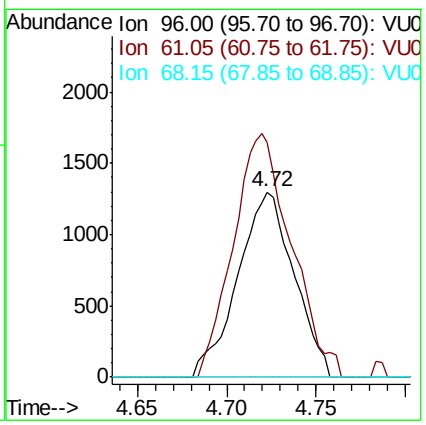


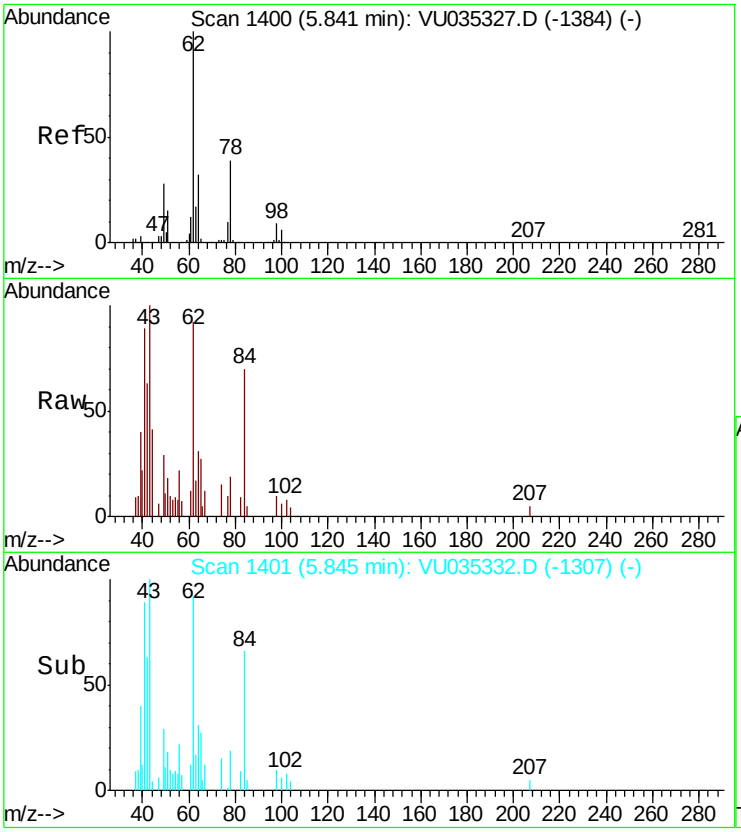


#22
cis-1,2-Dichloroethene
Concen: 0.126 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU035332.D
Acq: 21 Oct 2019 20:06

Tgt Ion: 96 Resp: 2845

Ion	Ratio	Lower	Upper
96	100		
61	127.0	89.7	166.5
68	0.0	0.0	0.0



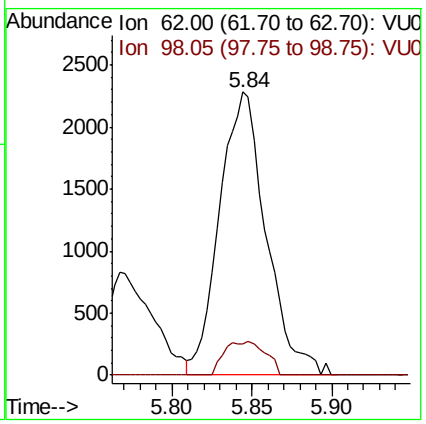


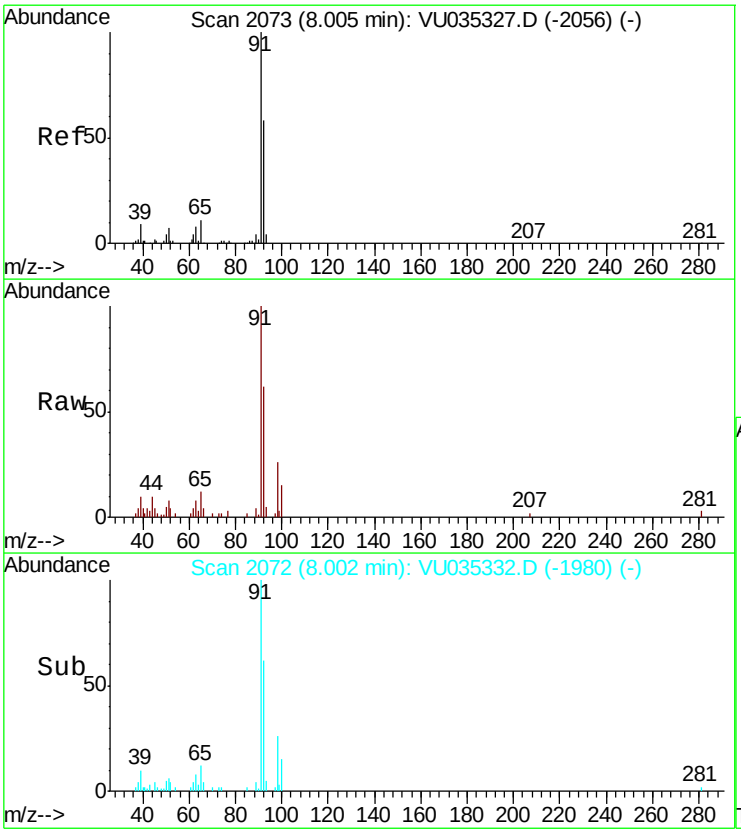
#27
1,2-Dichloroethane
Concen: 0.183 ug/L
RT: 5.84 min Scan# 1401
Delta R.T. 0.00 min
Lab File: VU035332.D
Acq: 21 Oct 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

Tgt Ion: 62 Resp: 4546

Ion	Ratio	Lower	Upper
62	100		
98	11.2	7.8	11.6

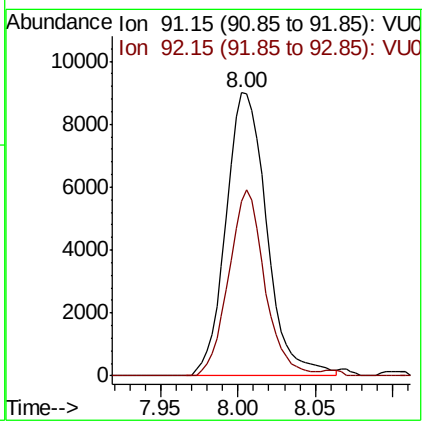


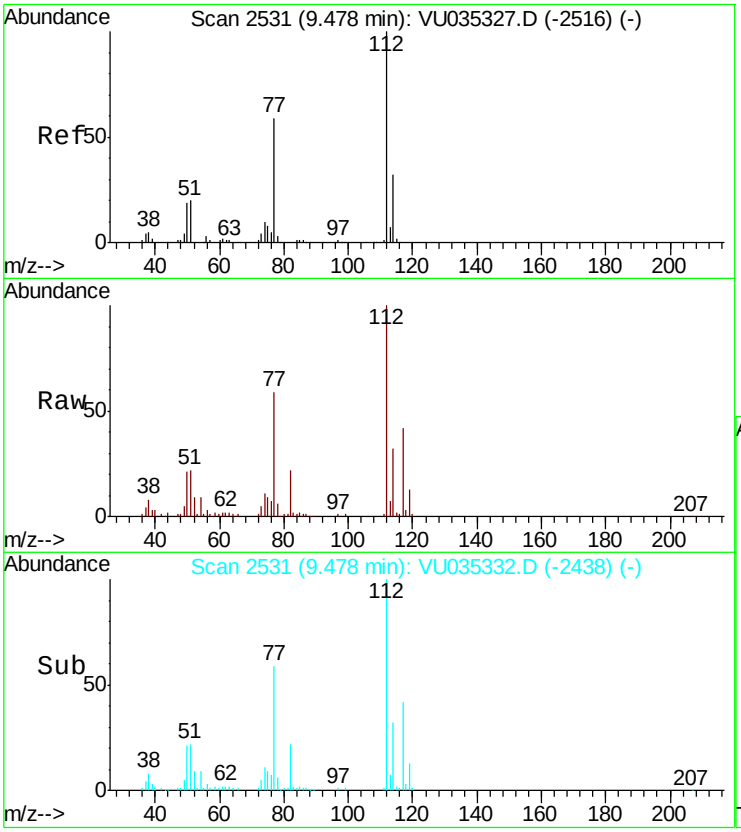


#42
Toluene
Concen: 0.177 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU035332.D
Acq: 21 Oct 2019 20:06

Tgt Ion: 91 Resp: 16526

Ion	Ratio	Lower	Upper
91	100		
92	61.8	39.9	74.1



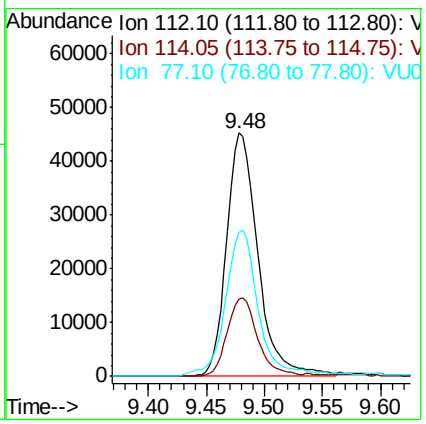


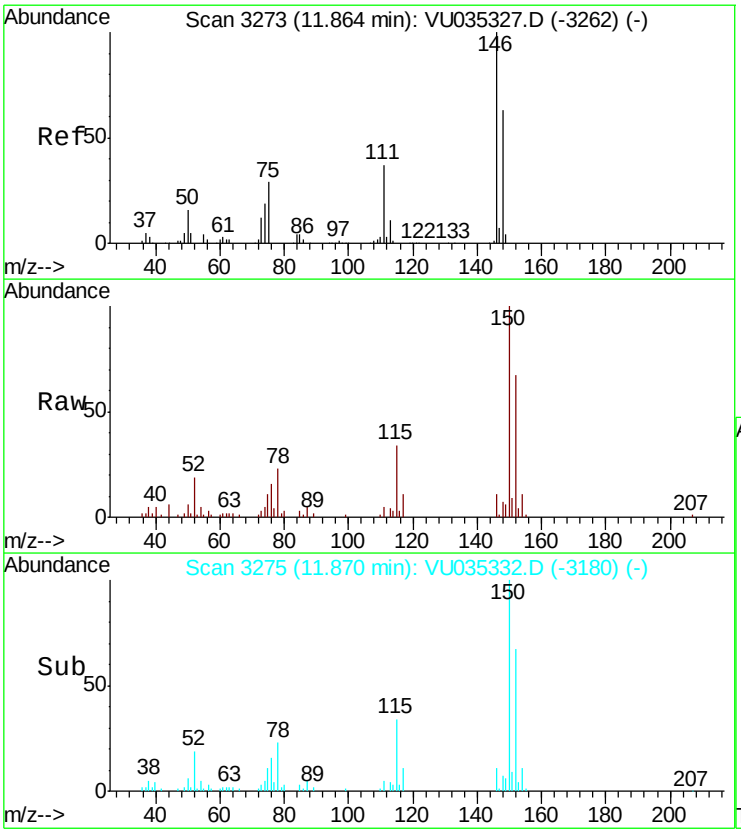
#51
Chlorobenzene
Concen: 1.414 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU035332.D
Acq: 21 Oct 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

Tgt Ion:112 Resp: 85130

Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.0	42.8
77	58.9	47.5	71.3

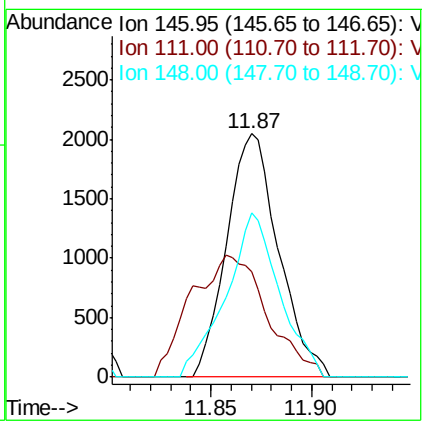


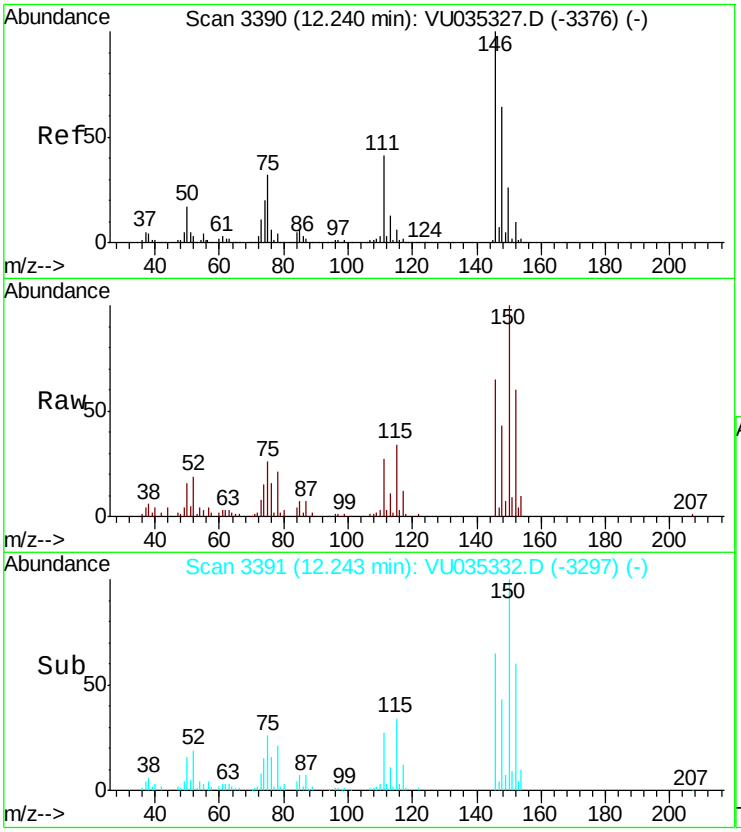


#63
1,4-Dichlorobenzene
Concen: 0.103 ug/L
RT: 11.87 min Scan# 3275
Delta R.T. 0.01 min
Lab File: VU035332.D
Acq: 21 Oct 2019 20:06

Tgt Ion:146 Resp: 3683

Ion	Ratio	Lower	Upper
146	100		
111	43.3	26.4	49.0
148	67.3	44.7	83.1





#65
1,2-Dichlorobenzene
Concen: 0.997 ug/L
RT: 12.24 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VU035332.D
Acq: 21 Oct 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

Tgt Ion:146 Resp: 33978

Ion	Ratio	Lower	Upper
146	100		
111	40.7	33.0	49.6
148	66.0	51.0	76.4