Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102119\
Data File : VU035323.D
Acq On : 21 Oct 2019 14:15
Operator : JC/SP
Sample : K5344-06DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L3DL

Quant Time: Nov 02 03:16:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	702426	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	671529	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	292889	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	277439	45.92	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.84%				
7) Chloroethane-d5	1.93	69	236386	46.61	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.22%				
11) 1,1-Dichloroethene-d2	2.59	63	355726	35.68	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.36%				
21) 2-Butanone-d5	4.69	46	415365	103.70	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.70%				
24) Chloroform-d	5.11	84	448755	45.96	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.92%				
26) 1,2-Dichloroethane-d4	5.75	65	300026	46.87	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.74%				
32) Benzene-d6	5.77	84	937198	48.40	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.80%				
36) 1,2-Dichloropropane-d6	6.73	67	299069	48.33	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.66%				
41) Toluene-d8	7.93	98	879972	48.10	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.20%				
43) trans-1,3-Dichloropropene-	8.21	79	148311	46.27	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.54%				
47) 2-Hexanone-d5	8.68	63	288681	104.99	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.99%				
57) 1,1,2,2-Tetrachloroethane-	10.79	84	426594	46.38	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.76%				
64) 1,2-Dichlorobenzene-d4	12.22	152	309064	45.52	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.04%				
Target Compounds							Qvalue
13) Acetone	2.67	43	218916	61.302	ug/L		98
16) Methylene chloride	3.08	84	25841	5.060	ug/L		98
20) cis-1,2-Dichloroethene	4.72	96	11497	2.196	ug/L		90
22) 2-Butanone	4.78	43	39186	9.069	ug/L		91
33) Benzene	5.82	78	56290	2.965	ug/L		100
35) Methylcyclohexane	6.80	83	23713	3.135	ug/L		93
40) 4-Methyl-2-pentanone	7.84	43	1045611	143.948	ug/L		99
42) Toluene	8.01	91	484586	23.317	ug/L		100
52) Ethylbenzene	9.60	91	131993	5.698	ug/L		98
53) m,p-Xylene	9.72	106	203759	23.863	ug/L		99
54) o-xylene	10.13	106	119758	14.140	ug/L		99
65) 1,2-Dichlorobenzene	12.24	146	24306	2.559	ug/L	#	90

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

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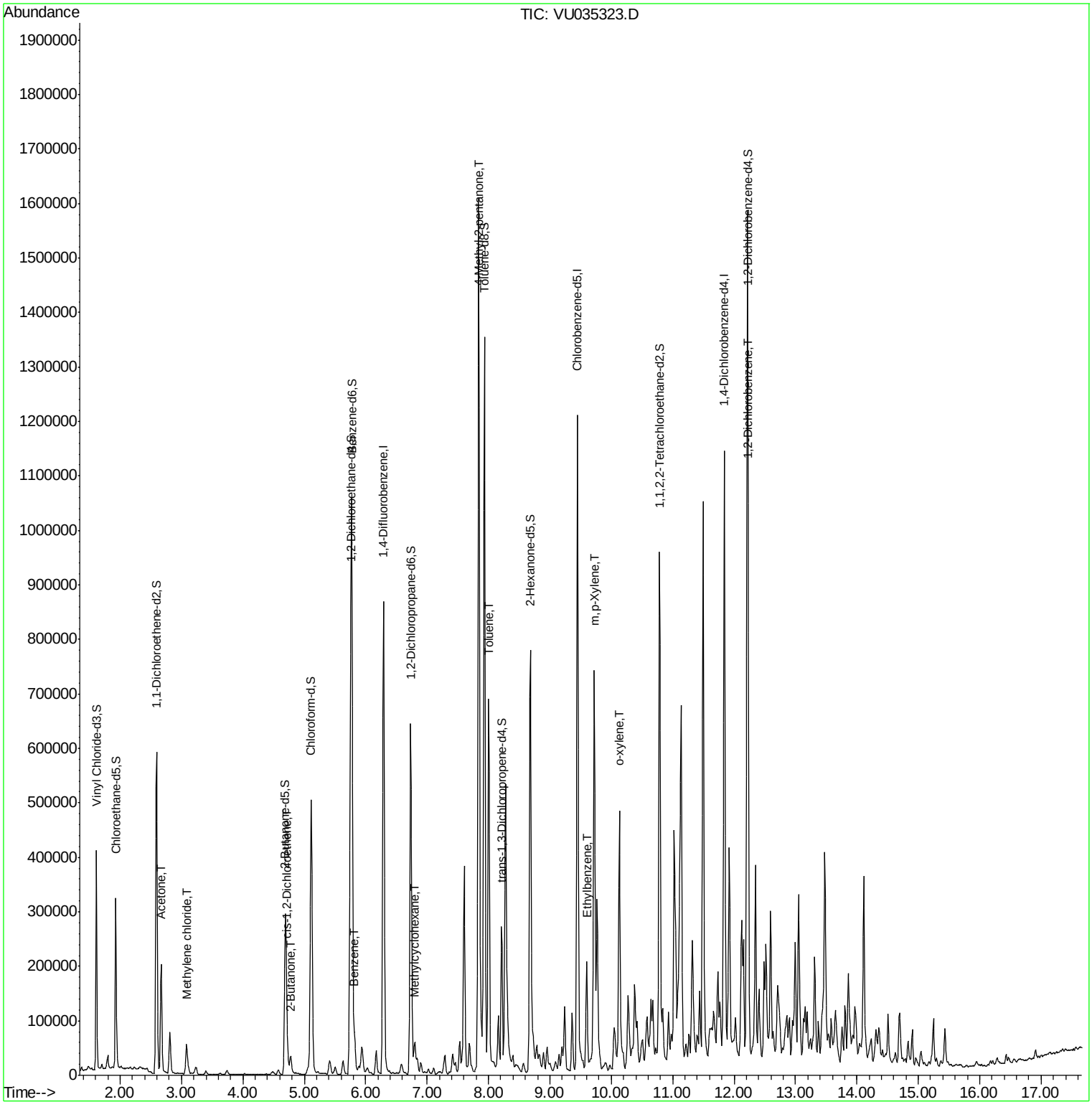
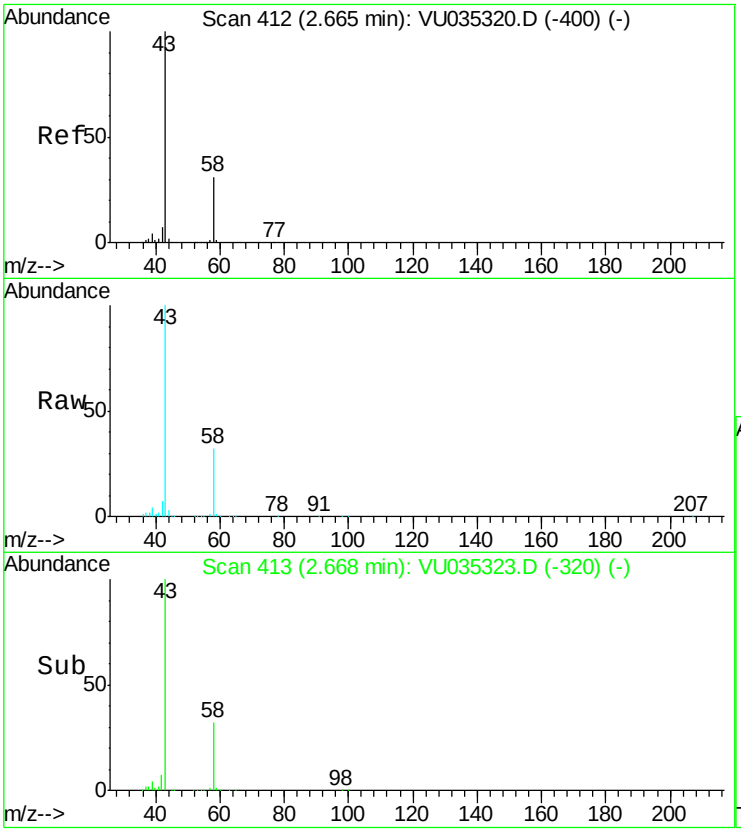


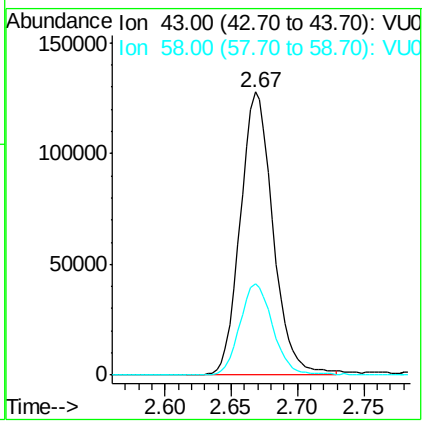


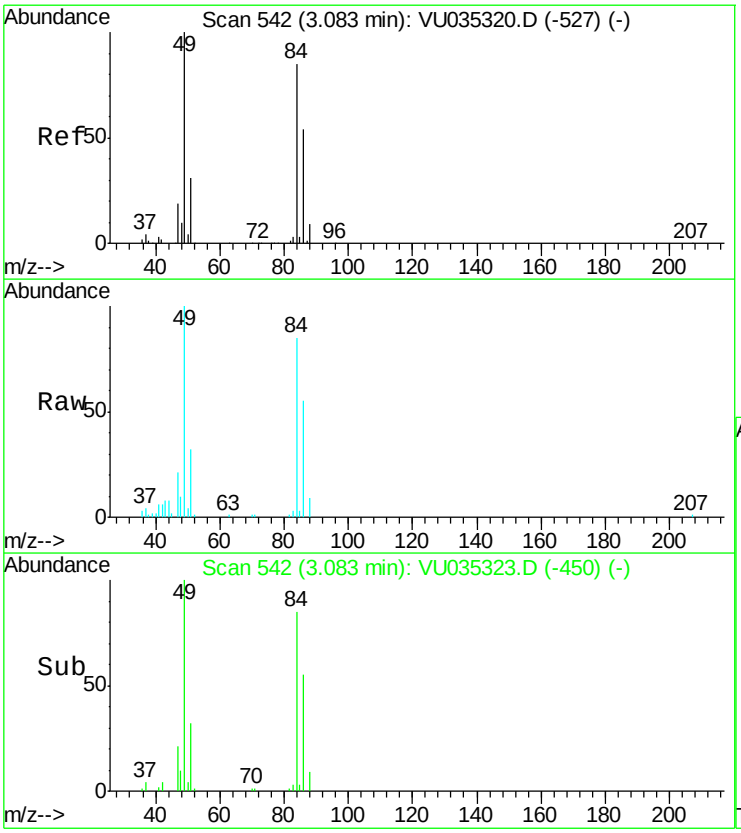
#13
Acetone
Concen: 61.302 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Instrument : MSVOA_U
ClientSampleId : BF6L3DL

Tgt Ion: 43 Resp: 218916

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	62.8

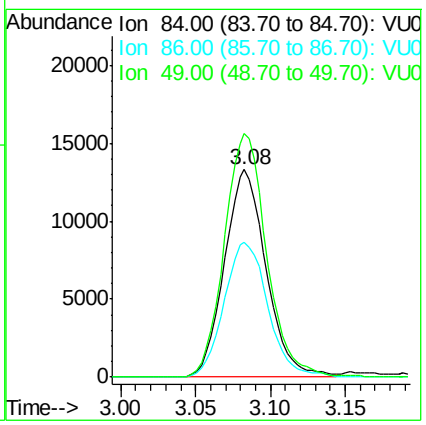


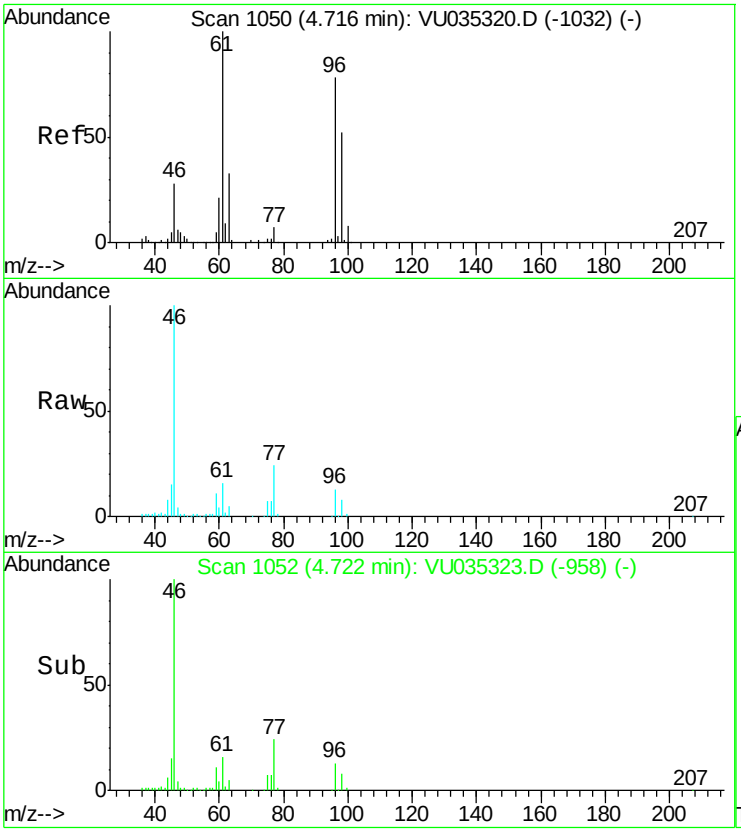


#16
Methylene chloride
Concen: 5.060 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Tgt Ion: 84 Resp: 25841

Ion	Ratio	Lower	Upper
84	100		
86	64.7	44.4	82.5
49	117.3	84.0	156.0



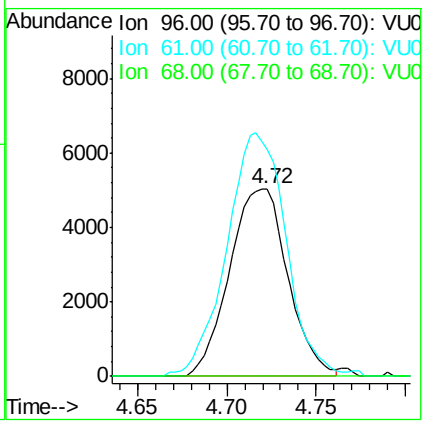


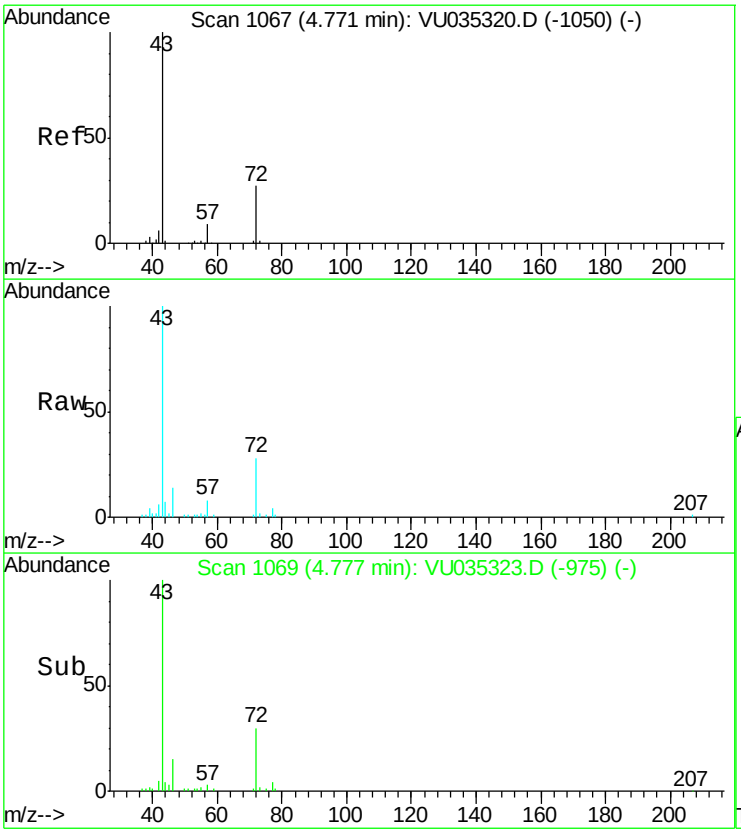
#20
cis-1,2-Dichloroethene
Concen: 2.196 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Instrument :
MSVOA_U
ClientSampleId :
BF6L3DL

Tgt Ion: 96 Resp: 11497

Ion	Ratio	Lower	Upper
96	100		
61	121.1	92.7	172.3
68	0.0	0.0	0.0

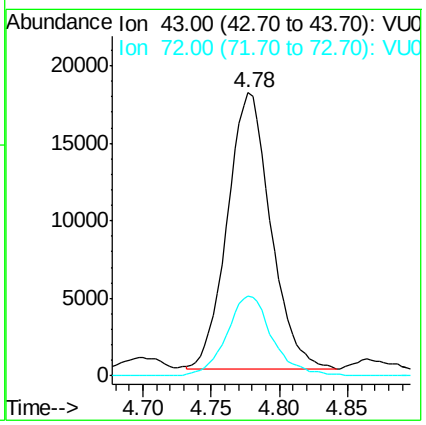


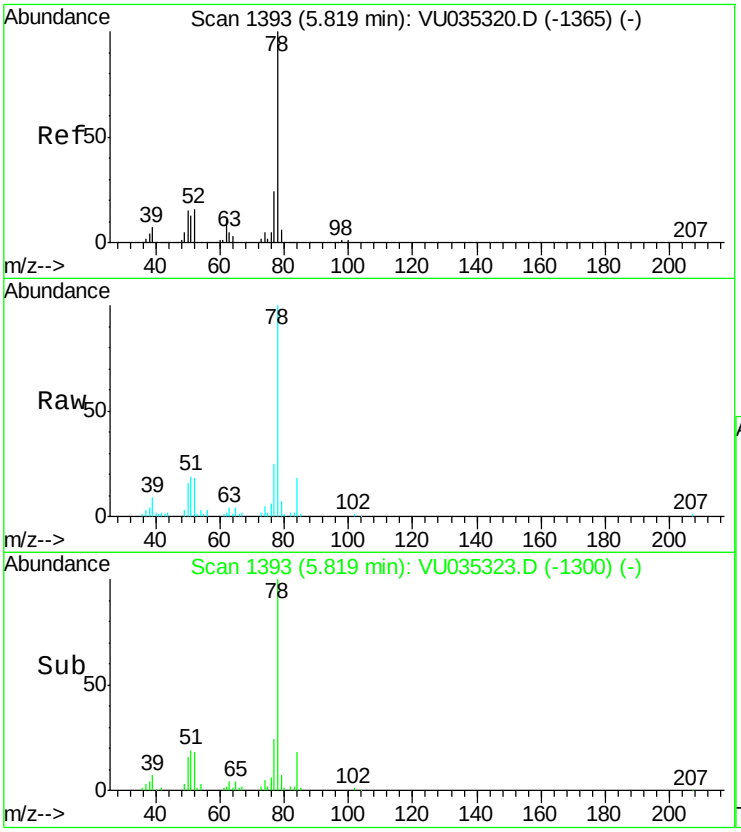


#22
2-Butanone
Concen: 9.069 ug/L
RT: 4.78 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Tgt Ion: 43 Resp: 39186

Ion	Ratio	Lower	Upper
43	100		
72	30.4	12.9	38.6

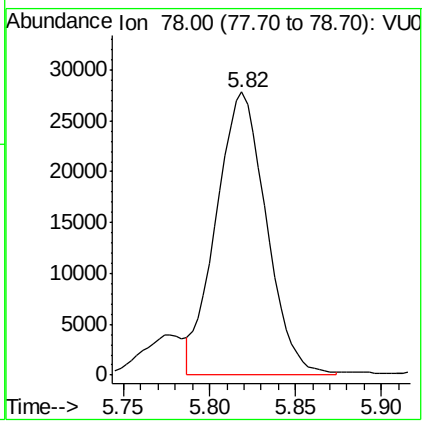


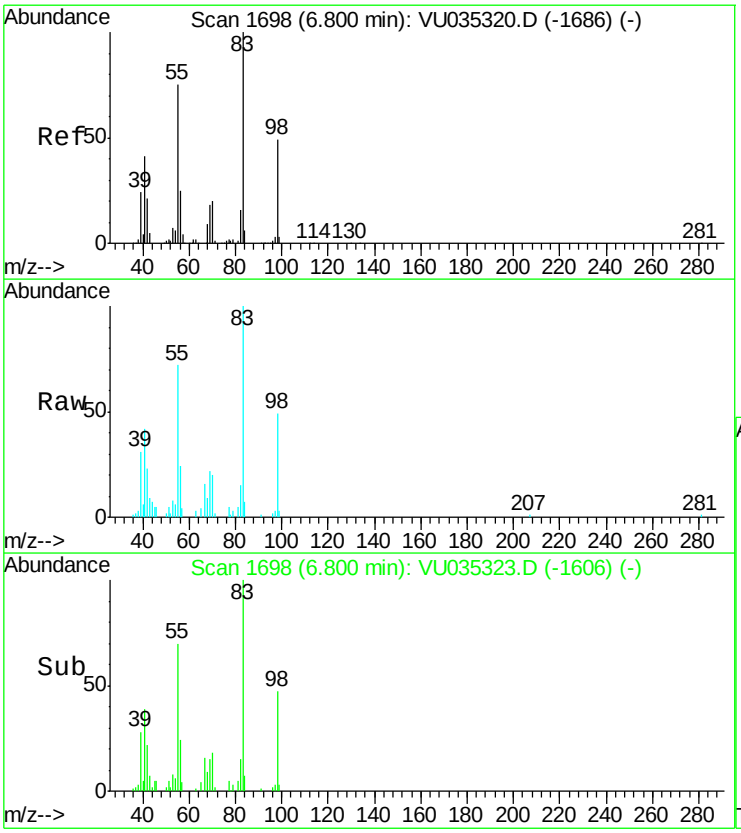


#33
Benzene
Concen: 2.965 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Instrument :
MSVOA_U
ClientSampleId :
BF6L3DL

Tgt Ion: 78 Resp: 56290

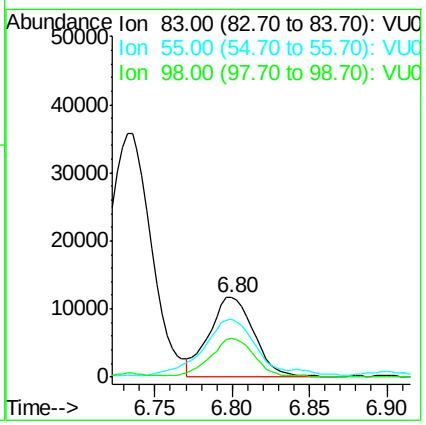


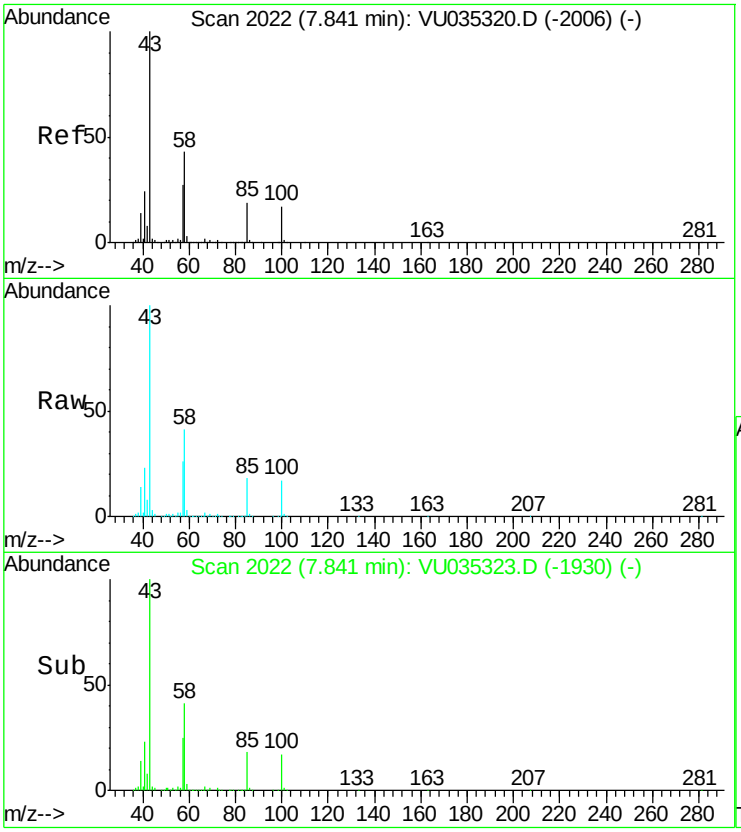


#35
Methylcyclohexane
Concen: 3.135 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Tgt Ion: 83 Resp: 23713

Ion	Ratio	Lower	Upper
83	100		
55	80.4	59.5	89.3
98	46.0	39.9	59.9



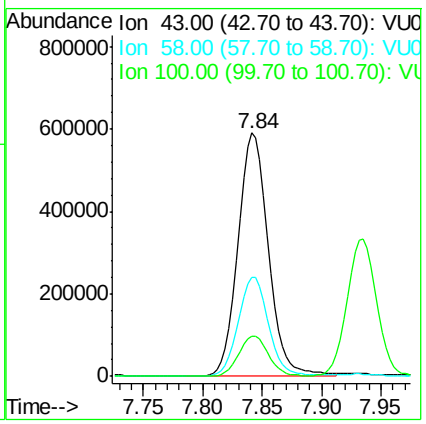


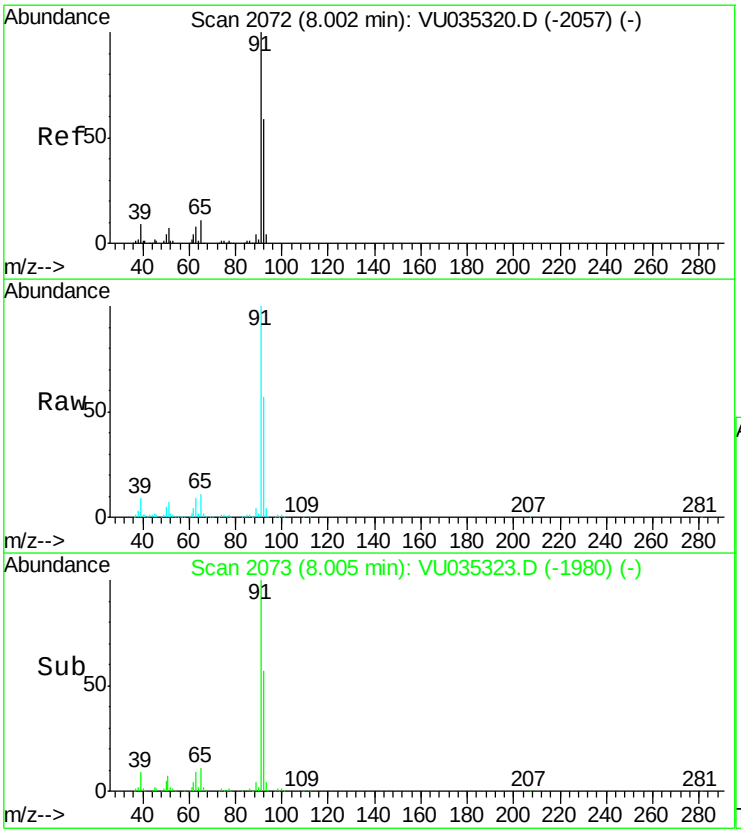
#40
4-Methyl-2-pentanone
Concen: 143.948 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Instrument :
MSVOA_U
ClientSampleId :
BF6L3DL

Tgt Ion: 43 Resp: 1045611

Ion	Ratio	Lower	Upper
43	100		
58	40.9	33.1	49.7
100	16.4	13.2	19.8

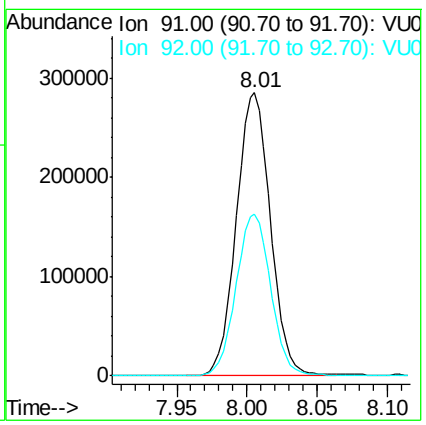


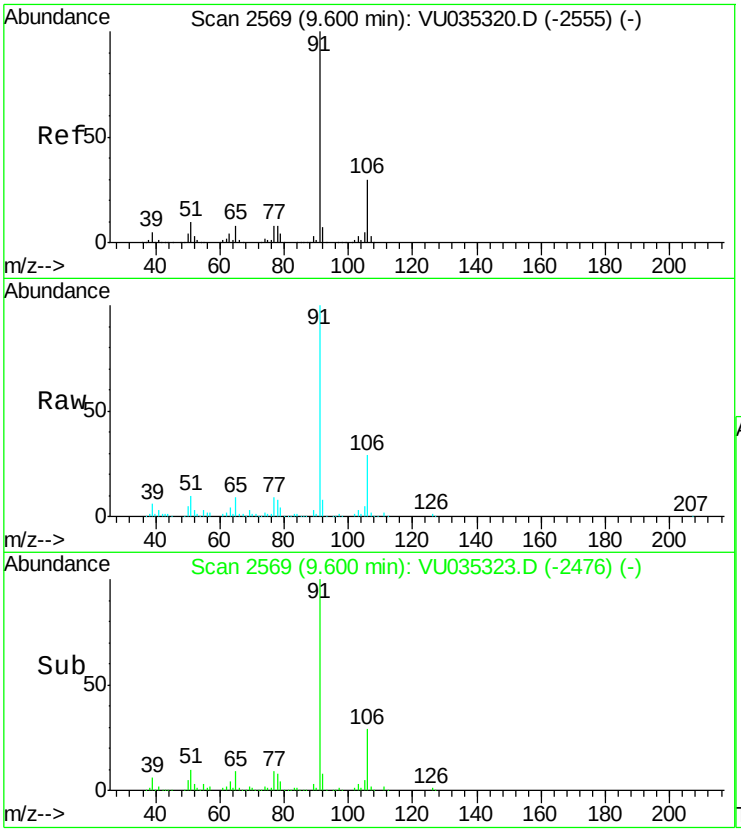


#42
Toluene
Concen: 23.317 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Tgt Ion: 91 Resp: 484586

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.3	74.9



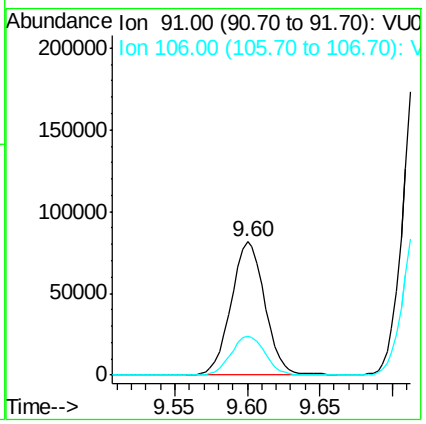


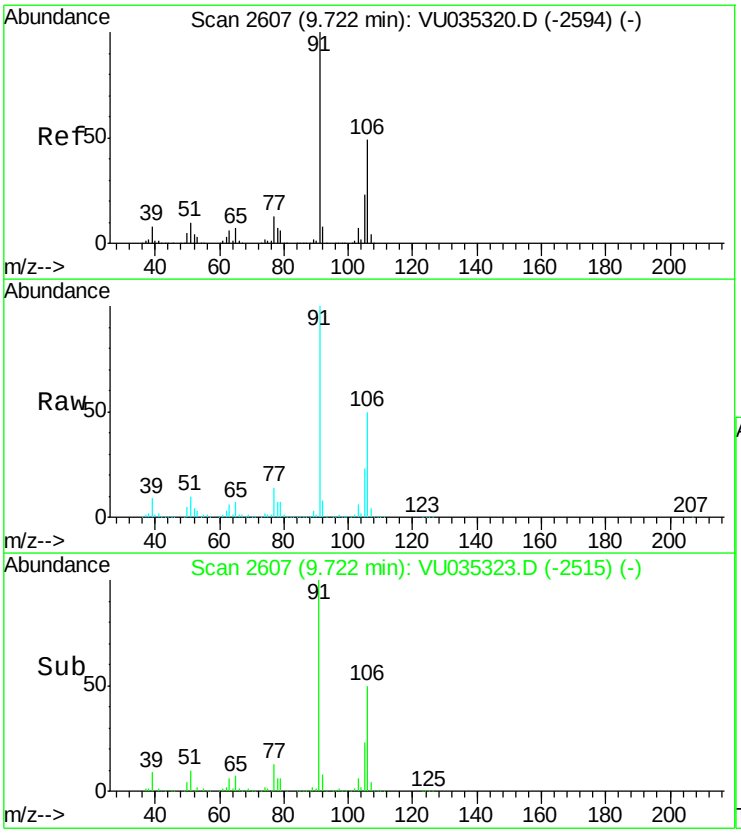
#52
Ethylbenzene
Concen: 5.698 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Instrument : MSVOA_U
ClientSampleId : BF6L3DL

Tgt Ion: 91 Resp: 131993

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.3	39.6

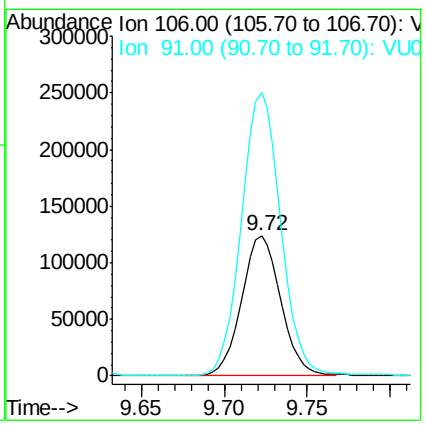


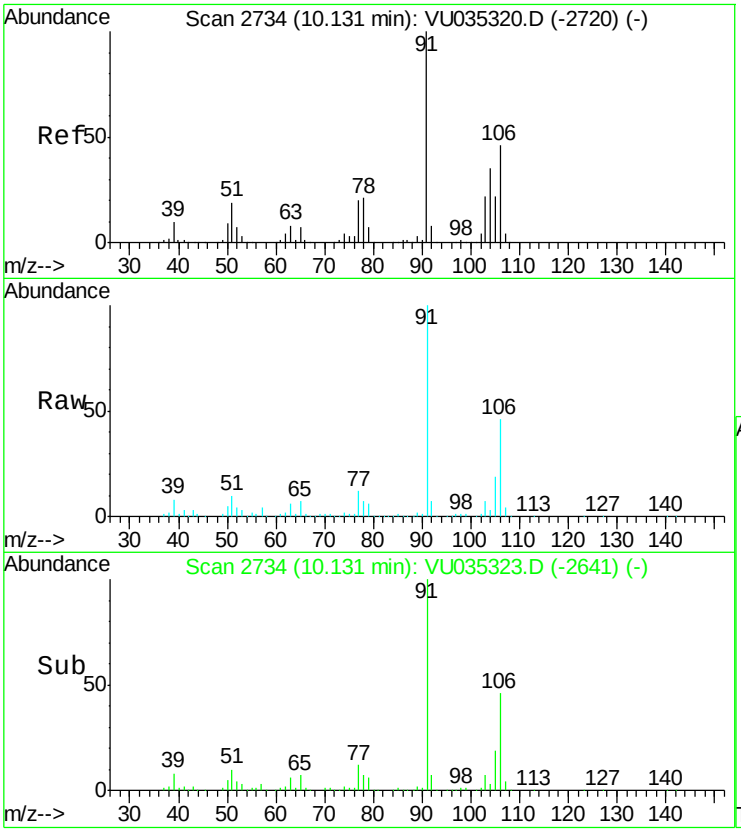


#53
m,p-Xylene
Concen: 23.863 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Tgt Ion:106 Resp: 203759

Ion	Ratio	Lower	Upper
106	100		
91	201.4	141.5	262.9



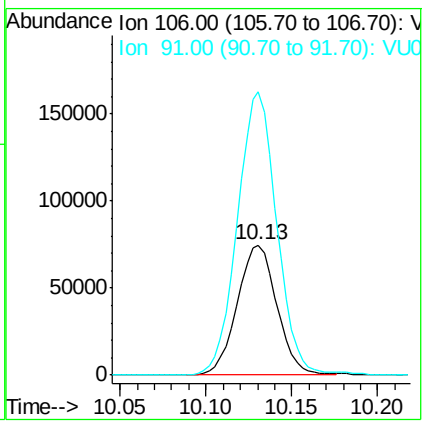


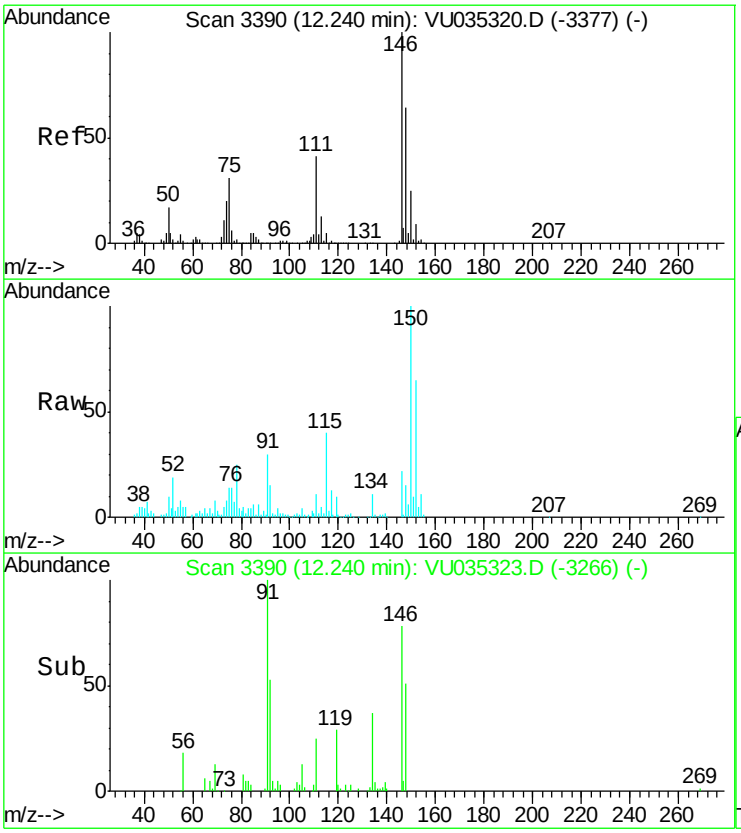
#54
o-xylene
Concen: 14.140 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Instrument : MSVOA_U
ClientSampleId : BF6L3DL

Tgt Ion:106 Resp: 119758

Ion	Ratio	Lower	Upper
106	100		
91	217.2	150.6	279.8





#65
1,2-Dichlorobenzene
Concen: 2.559 ug/L
RT: 12.24 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VU035323.D
Acq: 21 Oct 2019 14:15

Tgt Ion:146 Resp: 24306

Ion	Ratio	Lower	Upper
146	100		
111	50.1	32.8	49.2#
148	68.5	50.2	75.4