Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030965.D
Acq On : 09 Apr 2019 18:33
Operator : JC/SP
Sample : K2248-12RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YB7

Quant Time: Apr 10 02:01:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222823	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226751	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89360	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	73582	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.68	69	67038	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.27	63	112662	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	4.19	46	269733	61.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.96%			
24) Chloroform-d	4.64	84	131998	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.31	65	85747	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.80%			
32) Benzene-d6	5.33	84	256539	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
36) 1,2-Dichloropropane-d6	6.33	67	92638	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.56	98	199302	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	7.85	79	30984	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.31	63	166432	51.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80862	5.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	76120	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
3) Chloromethane	1.30	50	7380	0.254	ug/L #	73
13) Acetone	2.32	43	41828	12.331	ug/L	95
15) Methyl Acetate	2.44	43	14485	1.653	ug/L #	56
21) 2-Butanone	4.28	43	10018	1.863	ug/L	98
25) Chloroform	4.67	83	20082	0.607	ug/L	95
35) Methylcyclohexane	6.33	83	20656	0.674	ug/L #	14
37) 1,2-Dichloropropane	6.32	63	10359	0.491	ug/L #	90
42) Toluene	7.64	91	19949	0.259	ug/L	96
48) 2-Hexanone	8.37	43	16827	1.844	ug/L #	93
52) Ethylbenzene	9.25	91	9210	0.112	ug/L	94
53) m,p-Xylene	9.38	106	3132	0.109	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	11415	0.968	ug/L	91

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

Quantitation Report (Not Reviewed)

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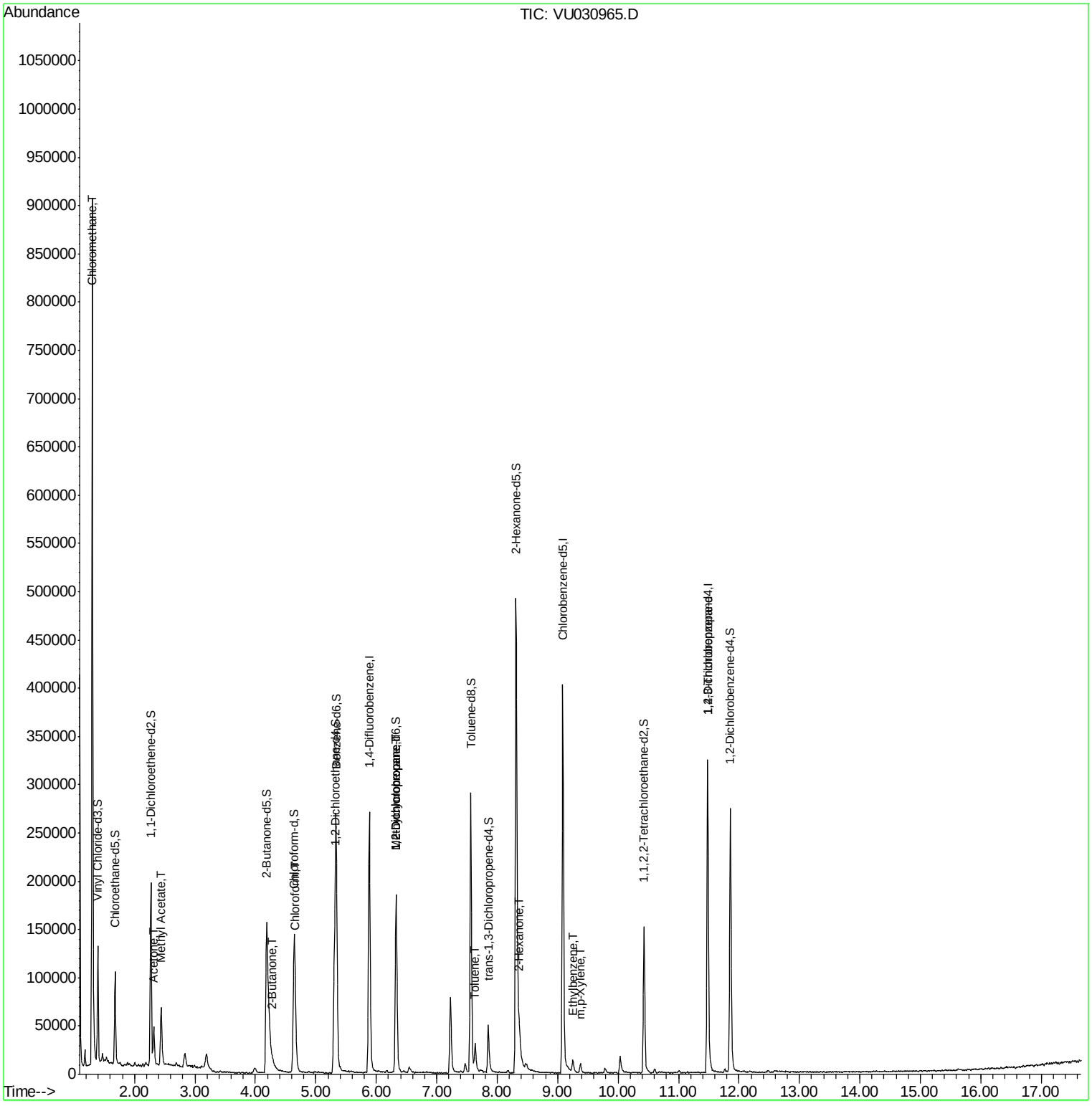
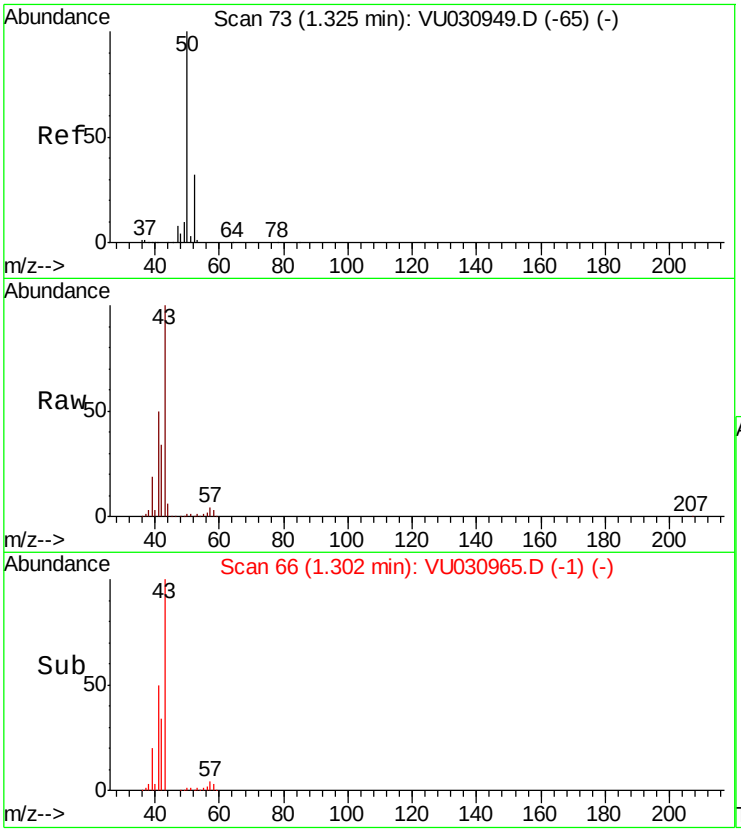
Acq On : 09 Apr 2019 18:33
Operator : JC/SP
Sample : K2248-12RE
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YB7

Quant Time: Apr 10 02:01:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 01:53:07 2019
Response via : Initial Calibration



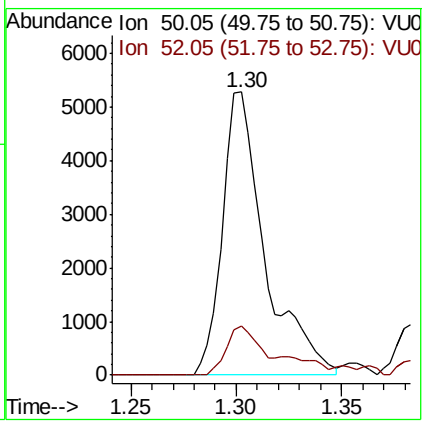


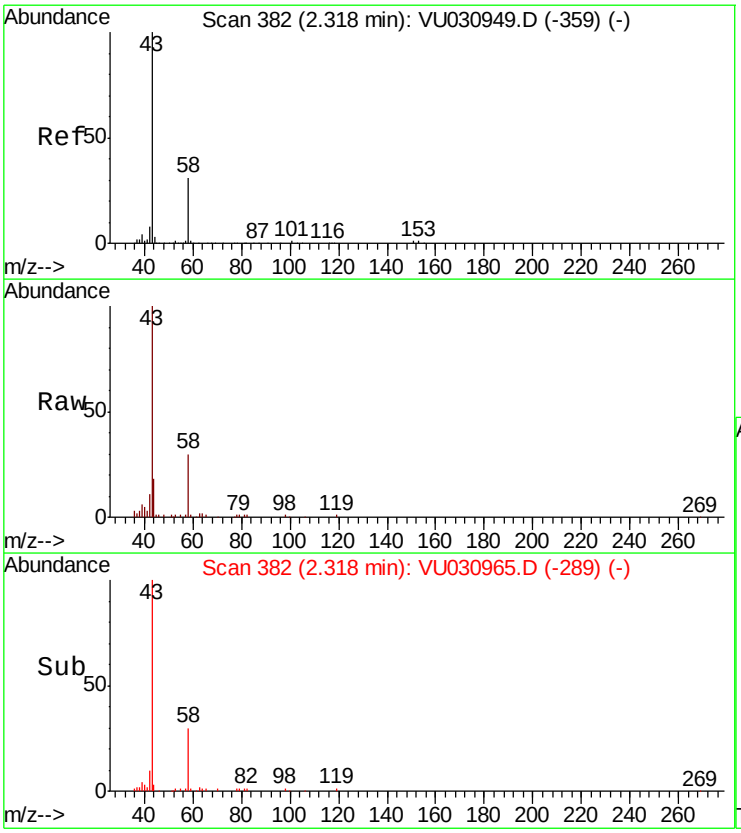
#3
Chloromethane
Concen: 0.254 ug/L
RT: 1.30 min Scan# 66
Delta R.T. -0.02 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :
E3YB7

Tgt Ion: 50 Resp: 7380

Ion	Ratio	Lower	Upper
50	100		
52	17.5	22.9	42.5#

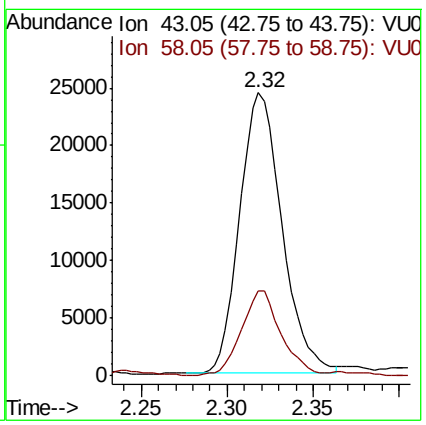


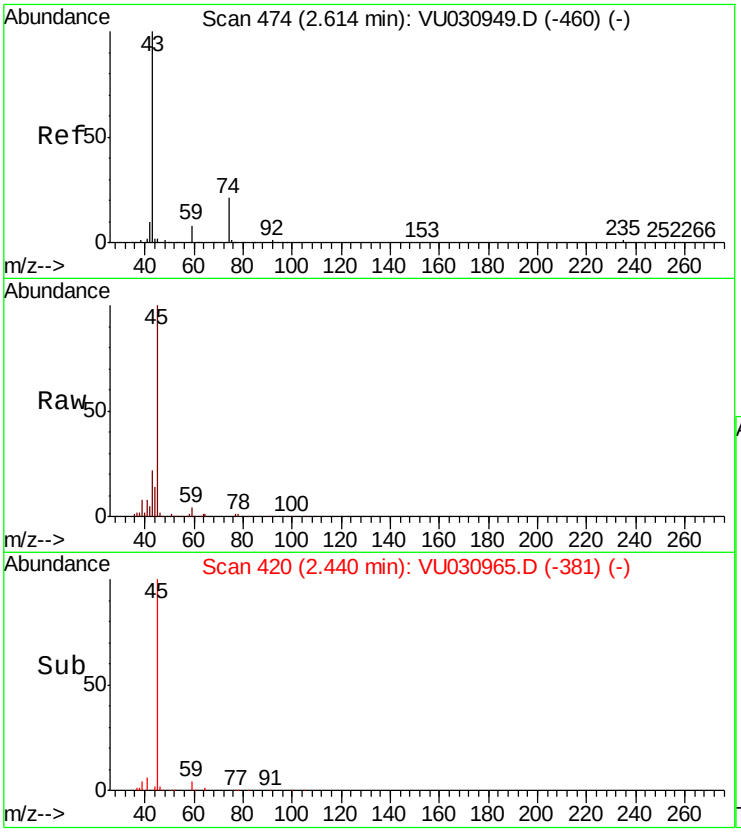


#13
Acetone
Concen: 12.331 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Tgt Ion: 43 Resp: 41828

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	62.8



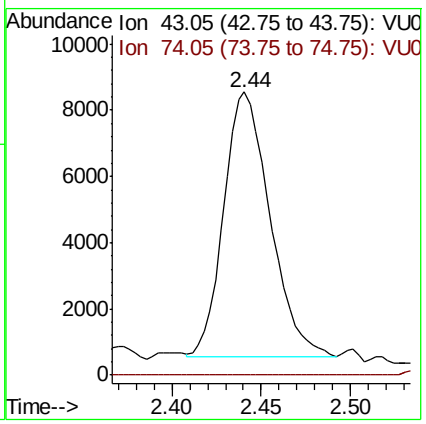


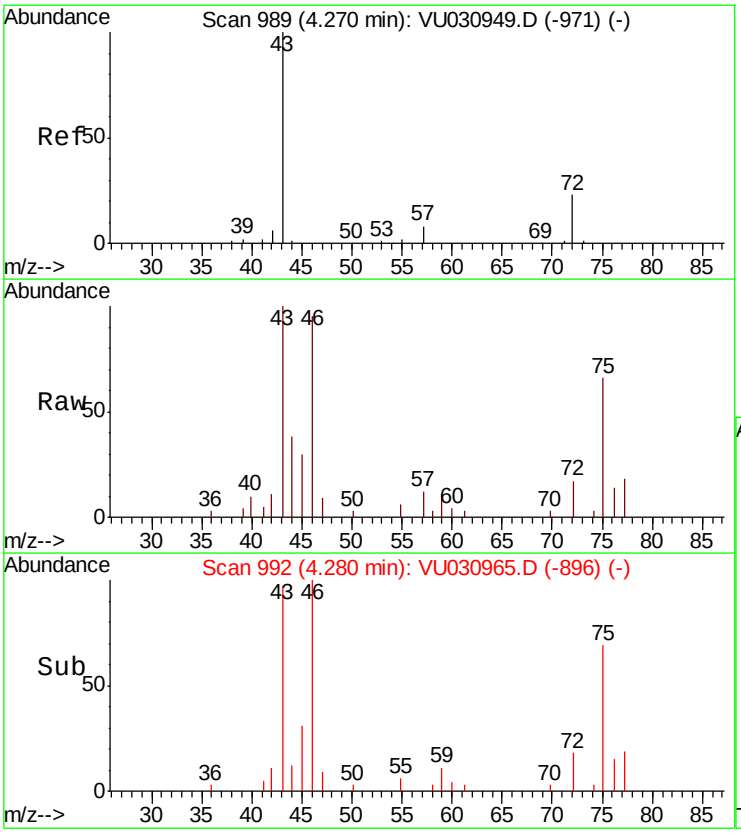
#15
Methyl Acetate
Concen: 1.653 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Instrument : MSVOA_U
ClientSampleId : E3YB7

Tgt Ion: 43 Resp: 14485

Ion	Ratio	Lower	Upper
43	100		
74	0.5	17.1	25.7#

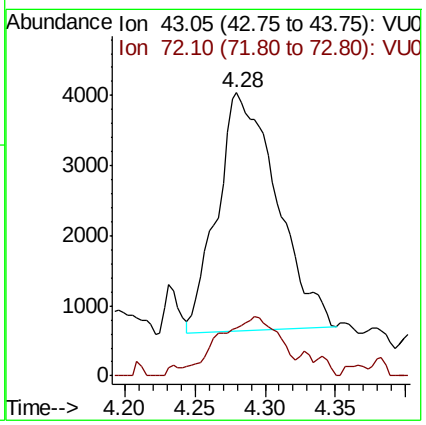


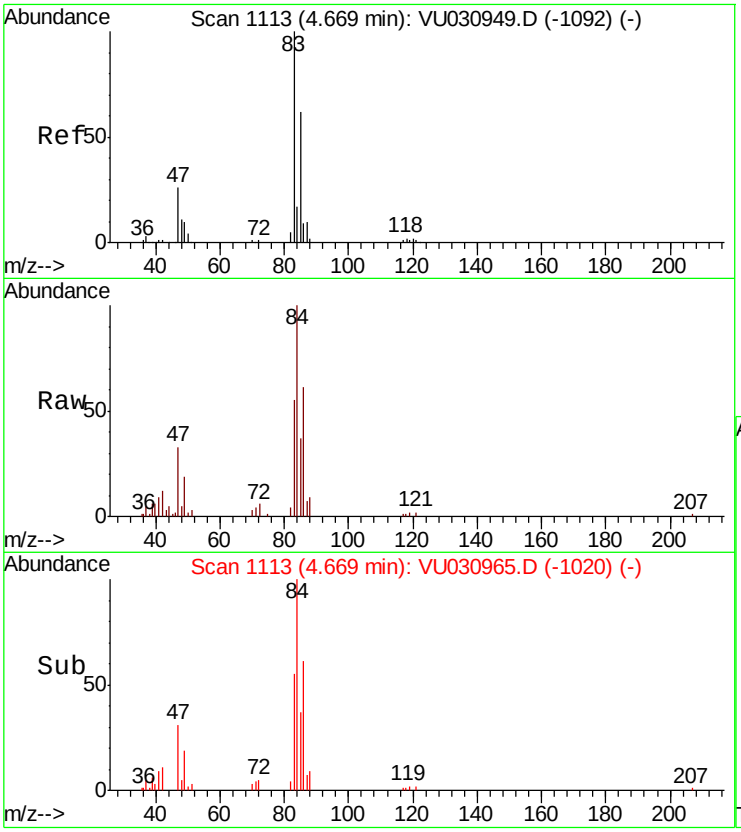


#21
2-Butanone
Concen: 1.863 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.01 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Tgt Ion: 43 Resp: 10018

Ion	Ratio	Lower	Upper
43	100		
72	21.4	11.2	33.5



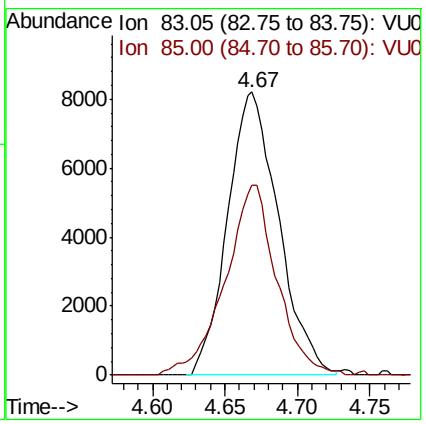


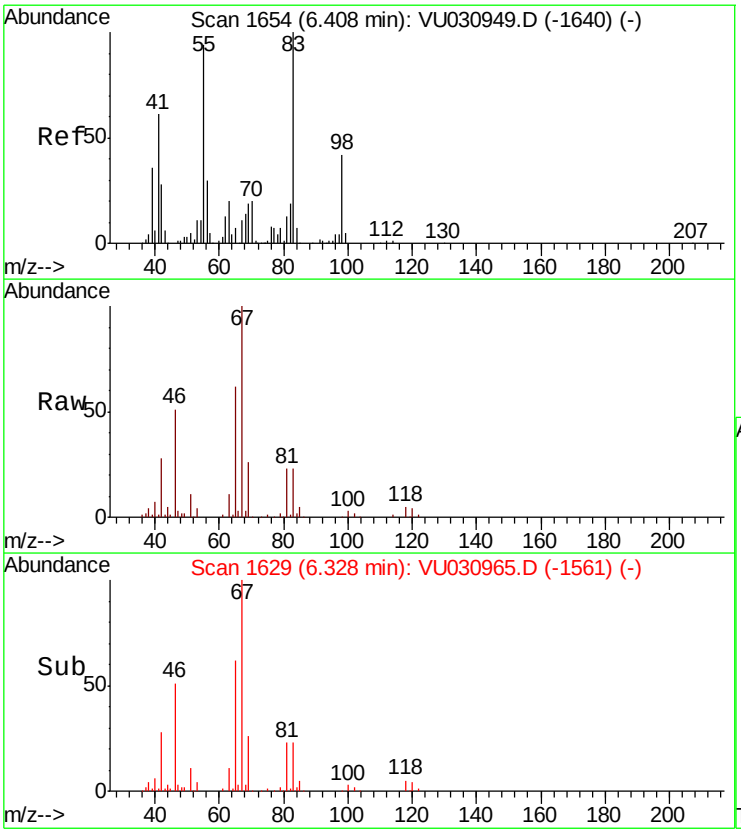
#25
Chloroform
Concen: 0.607 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :
E3YB7

Tgt Ion: 83 Resp: 20082

Ion	Ratio	Lower	Upper
83	100		
85	67.3	44.2	82.2

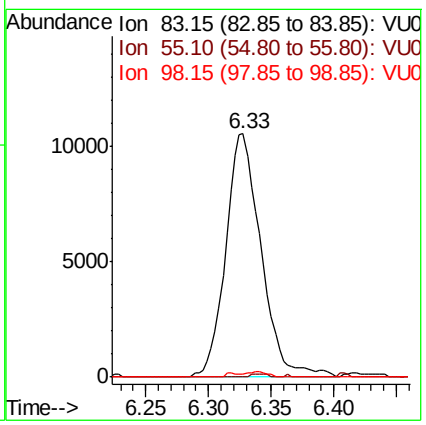


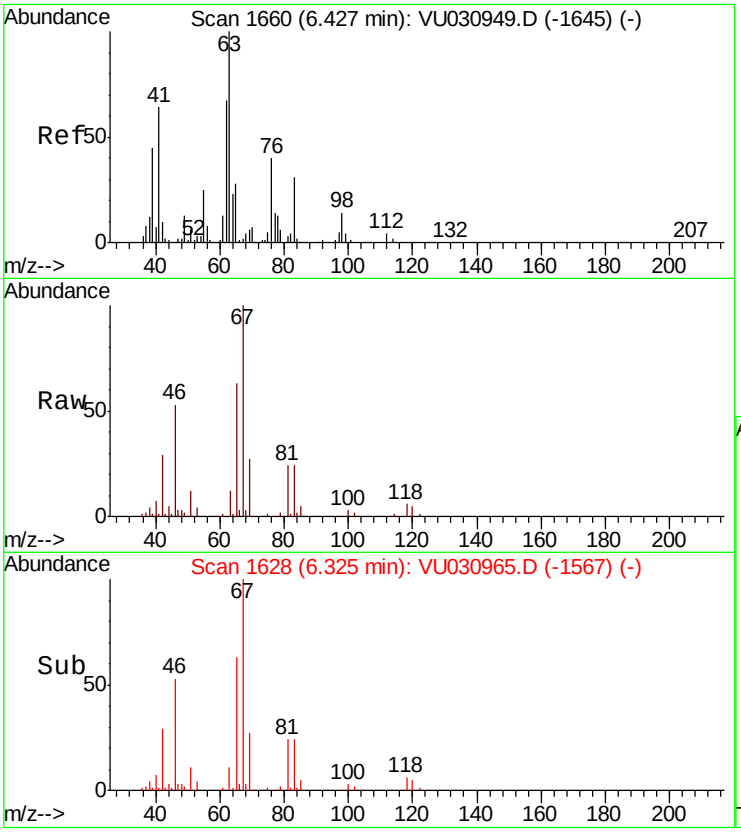


#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Tgt Ion: 83 Resp: 20656

Ion	Ratio	Lower	Upper
83	100		
55	0.6	72.6	108.8#
98	1.3	35.0	52.6#



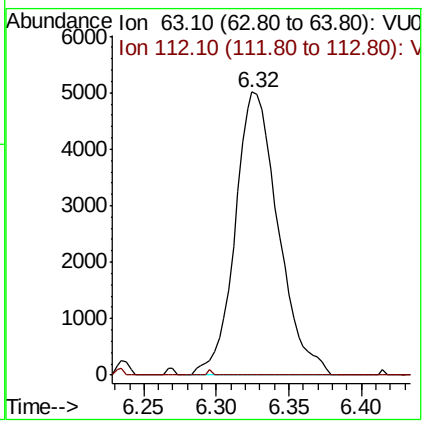


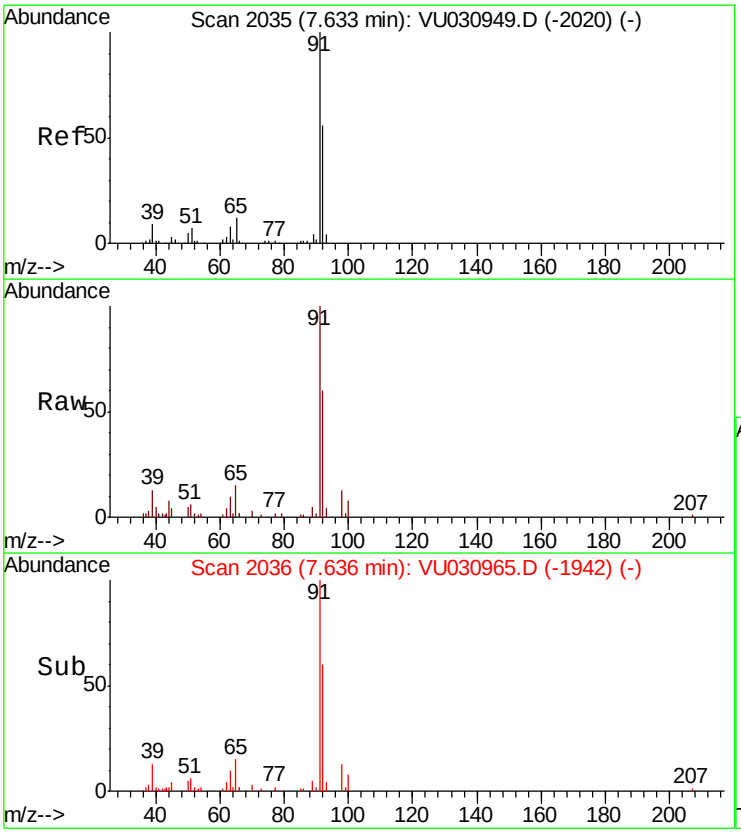
#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Instrument : MSVOA_U
ClientSampleId : E3YB7

Tgt Ion: 63 Resp: 10359

Ion	Ratio	Lower	Upper
63	100		
112	0.2	2.8	4.2#

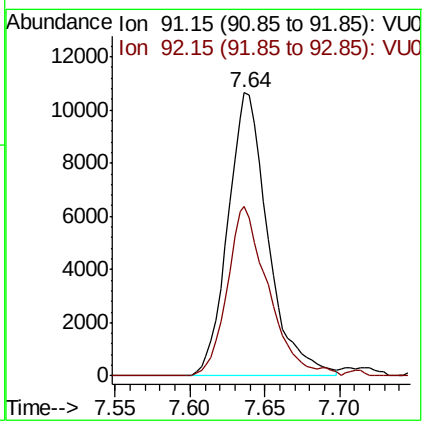


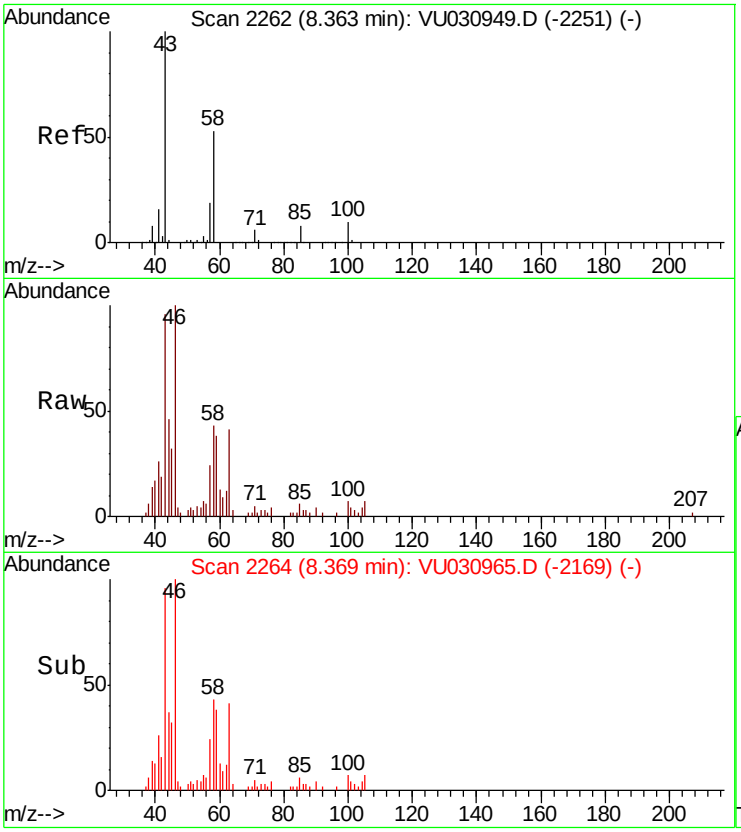


#42
Toluene
Concen: 0.259 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Tgt Ion: 91 Resp: 19949

Ion	Ratio	Lower	Upper
91	100		
92	59.7	39.9	74.1



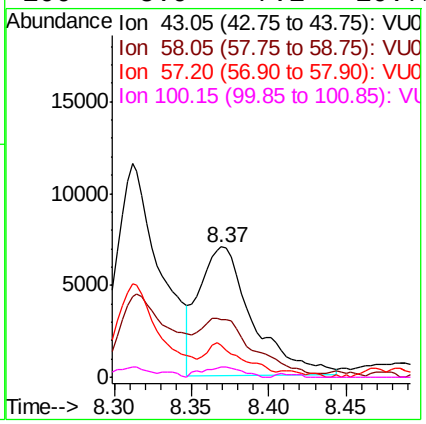


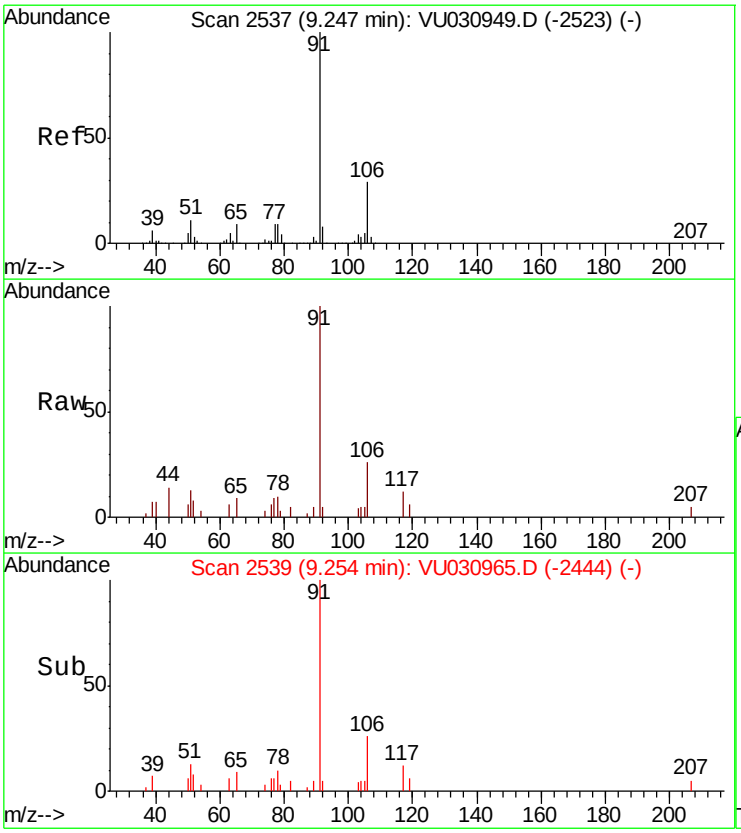
#48
2-Hexanone
Concen: 1.844 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :
E3YB7

Tgt Ion: 43 Resp: 16827

Ion	Ratio	Lower	Upper
43	100		
58	47.6	42.5	63.7
57	15.3	13.9	20.9
100	5.9	7.1	10.7#

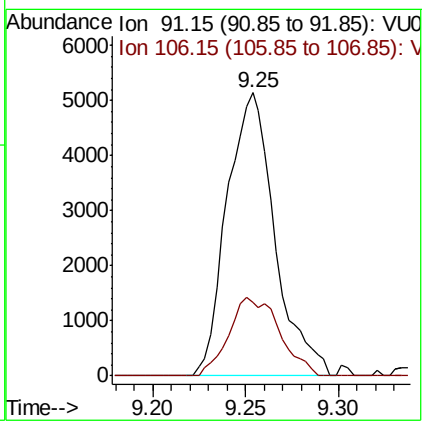


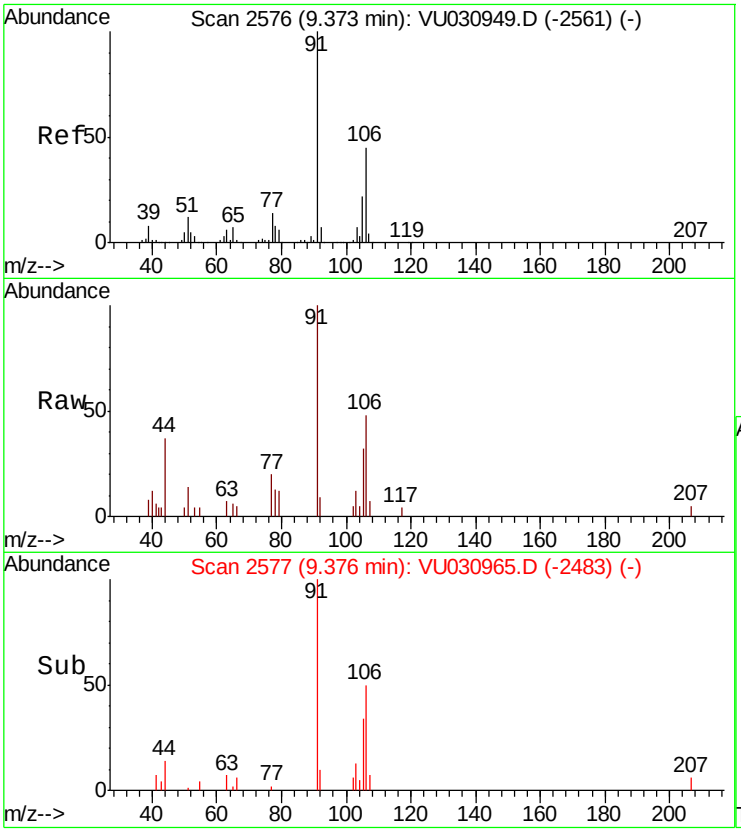


#52
Ethylbenzene
Concen: 0.112 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Tgt Ion: 91 Resp: 9210

Ion	Ratio	Lower	Upper
91	100		
106	25.8	20.2	37.4



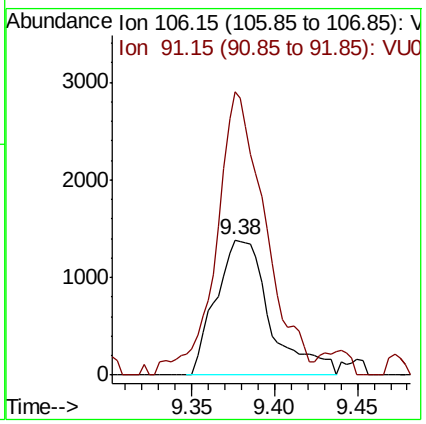


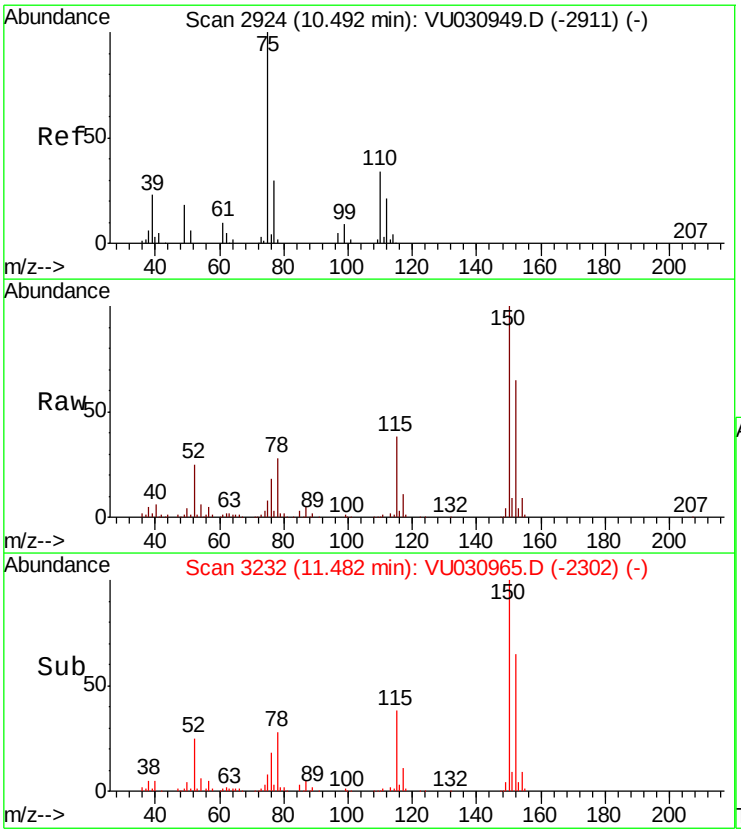
#53
m,p-Xylene
Concen: 0.109 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :
E3YB7

Tgt Ion:106 Resp: 3132

Ion	Ratio	Lower	Upper
106	100		
91	209.8	147.4	273.8





#59
1,2,3-Trichloropropane
Concen: 0.968 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030965.D
Acq: 09 Apr 2019 18:33

Tgt Ion: 75 Resp: 11415

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.6	38.4