

Data File : VU034958.D
Acq On : 07 Oct 2019 14:33
Operator : JC/SP
Sample : K5219-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-191002-01

Quant Time: Oct 09 04:00:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	199344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	193544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	88928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81728	6.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.80%#
7) Chloroethane-d5	1.67	69	72002	6.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.00%#
11) 1,1-Dichloroethene-d2	2.26	63	111754	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.18	46	197398	56.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.76%
24) Chloroform-d	4.62	84	124298	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.29	65	75403	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.31	84	282869	6.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.60%
36) 1,2-Dichloropropane-d6	6.31	67	91459	6.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.60%
41) Toluene-d8	7.54	98	250775	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
43) trans-1,3-Dichloropropene-	7.83	79	29048	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
46) 2-Hexanone-d5	8.30	63	151120	58.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	71567	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	91490	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

Target Compounds

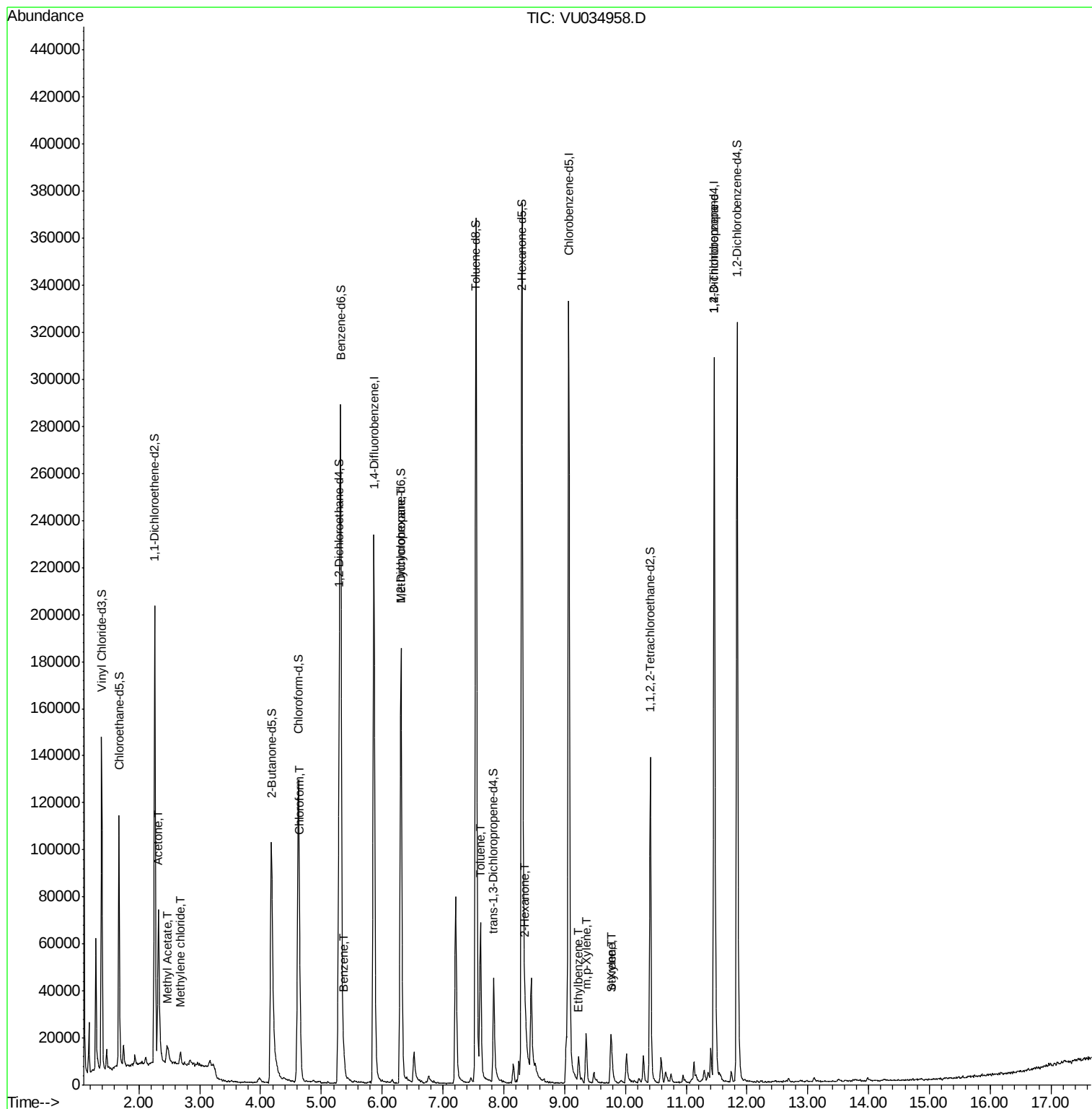
					Qvalue
13) Acetone	2.32	43	86586	30.466 ug/L	99
15) Methyl Acetate	2.48	43	3373	0.446 ug/L #	59
16) Methylene chloride	2.68	84	2062	0.130 ug/L	94
25) Chloroform	4.65	83	16842	0.550 ug/L	99
33) Benzene	5.37	78	8749	0.150 ug/L	100
35) Methylcyclohexane	6.31	83	20744	0.852 ug/L #	18
42) Toluene	7.62	91	51198	0.841 ug/L	99
48) 2-Hexanone	8.35	43	7958	1.173 ug/L #	79
52) Ethylbenzene	9.23	91	7994	0.119 ug/L	94
53) m,p-Xylene	9.36	106	6477	0.261 ug/L	93
54) o-Xylene	9.76	106	4786	0.197 ug/L	99
55) Styrene	9.78	104	5828	0.148 ug/L	99
59) 1,2,3-Trichloropropane	11.46	75	11700	1.149 ug/L #	81

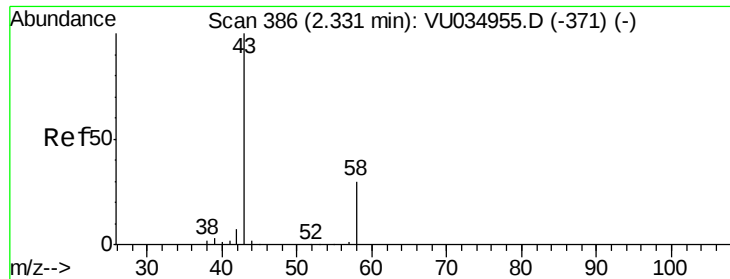
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.466 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

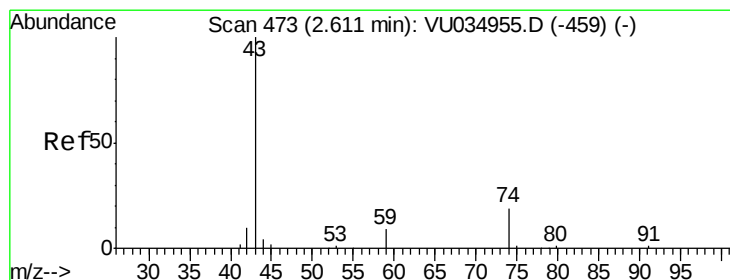
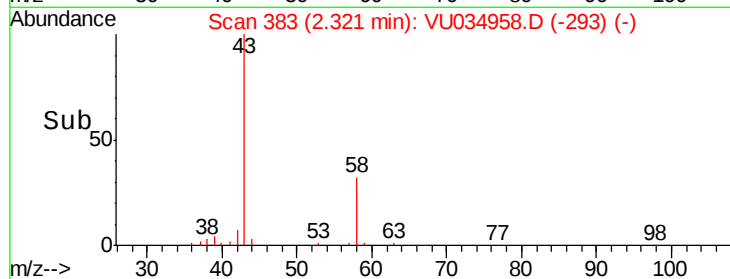
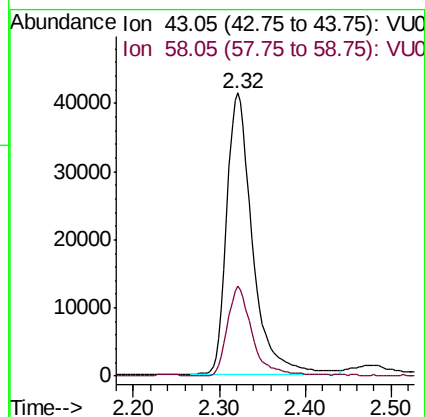
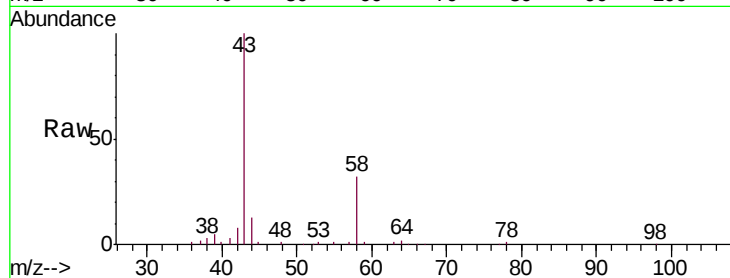
TB-191002-01

Tgt Ion: 43 Resp: 86586

Ion Ratio Lower Upper

43 100

58 31.2 0.0 60.8



#15

Methyl Acetate

Concen: 0.446 ug/L

RT: 2.48 min Scan# 433

Delta R.T. -0.13 min

Lab File: VU034958.D

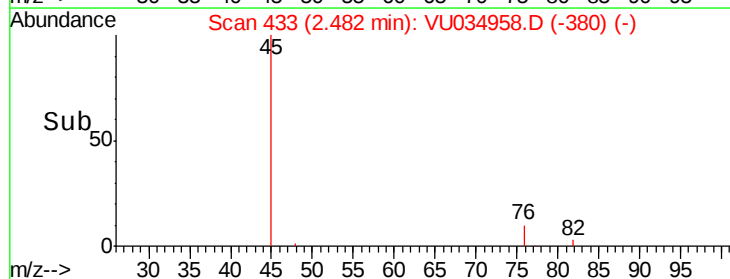
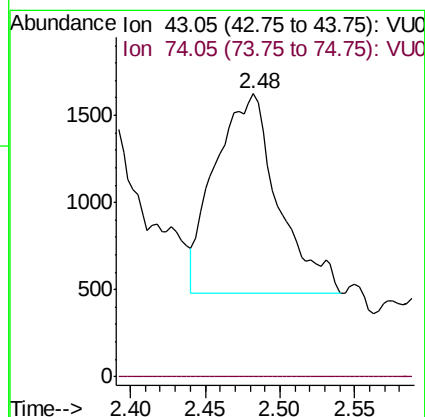
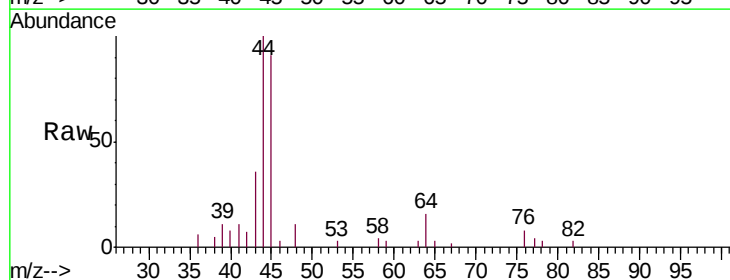
Acq: 07 Oct 2019 14:33

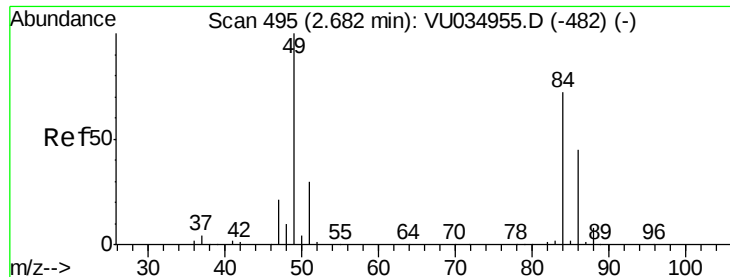
Tgt Ion: 43 Resp: 3373

Ion Ratio Lower Upper

43 100

74 1.9 17.0 25.4#

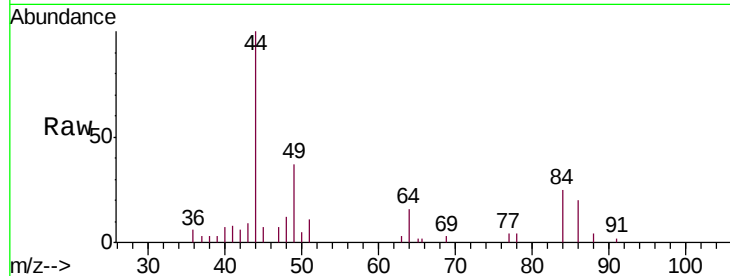




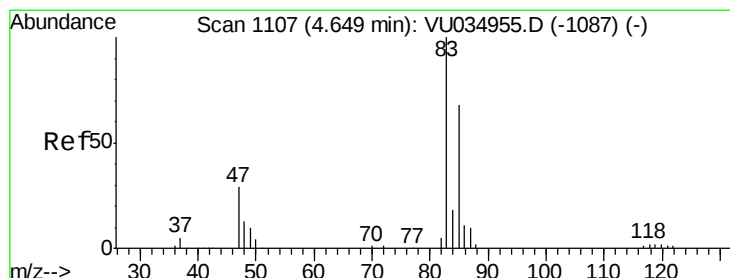
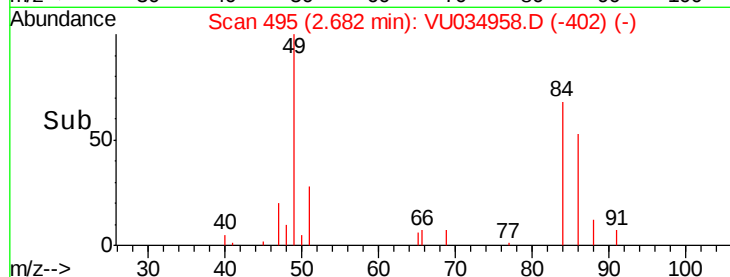
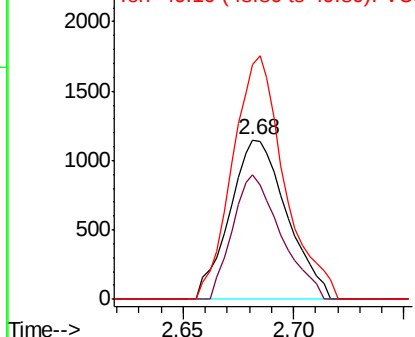
#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU034958.D
Acq: 07 Oct 2019 14:33

Instrument :
MSVOA_U
ClientSampleId :
TB-191002-01

Tgt Ion: 84 Resp: 2062
Ion Ratio Lower Upper
84 100
86 78.0 46.3 86.1
49 146.8 101.4 188.4

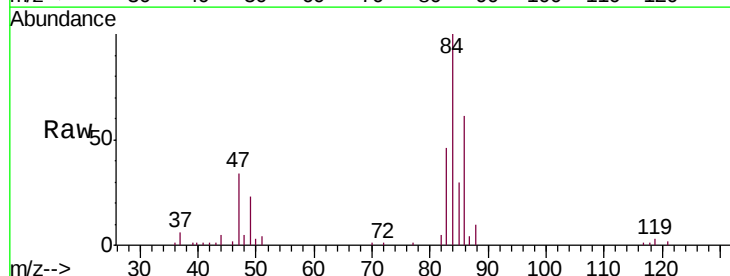


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

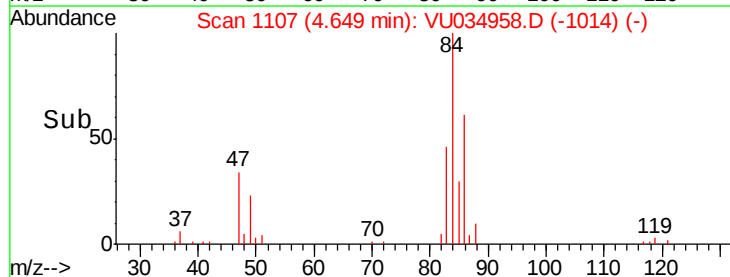
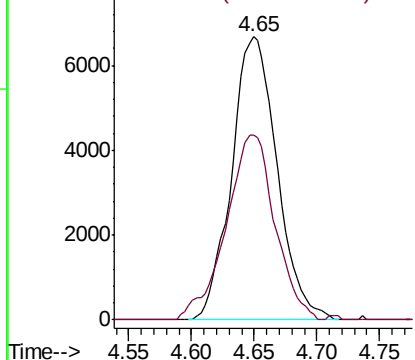


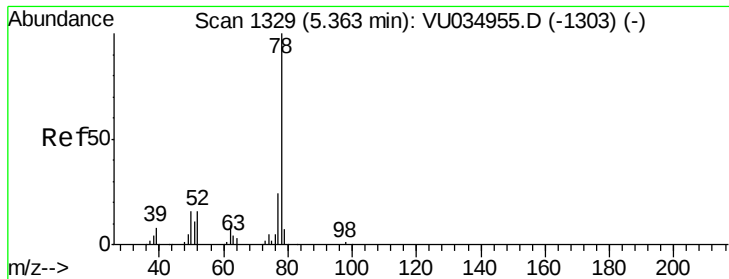
#25
Chloroform
Concen: 0.550 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034958.D
Acq: 07 Oct 2019 14:33

Tgt Ion: 83 Resp: 16842
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#33

Benzene

Concen: 0.150 ug/L

RT: 5.37 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

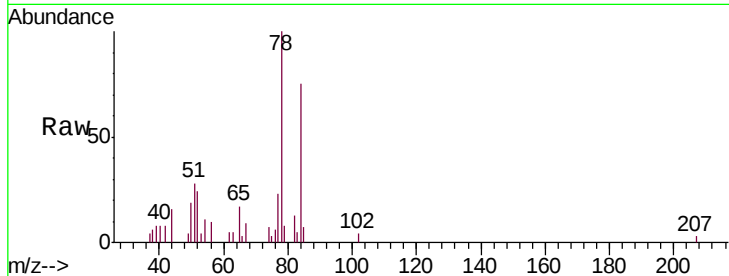
Instrument :

MSVOA_U

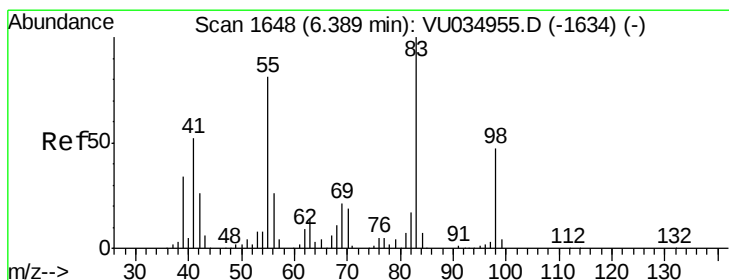
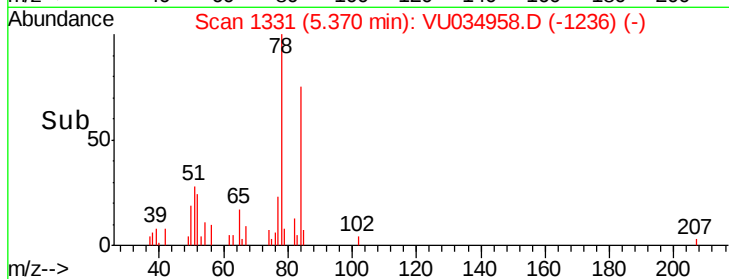
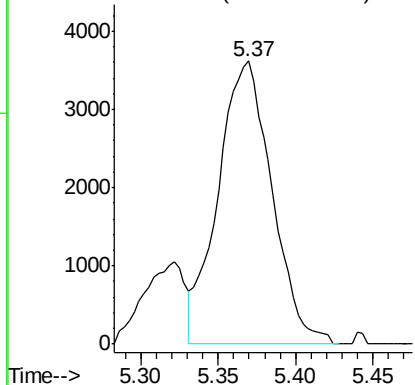
ClientSampleId :

TB-191002-01

Tgt Ion: 78 Resp: 8749



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.31 min Scan# 1623

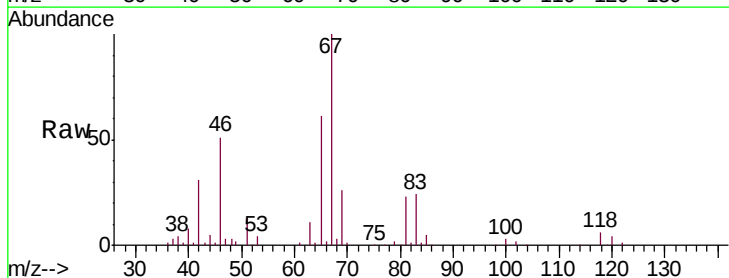
Delta R.T. -0.08 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Tgt Ion: 83 Resp: 20744

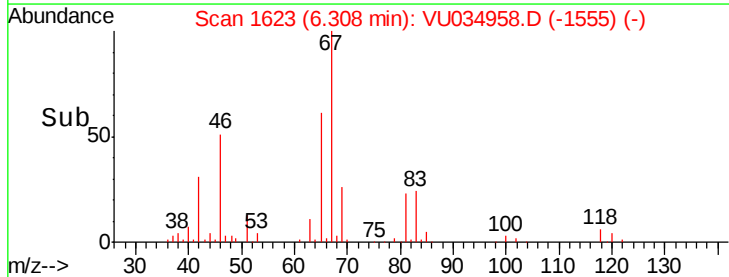
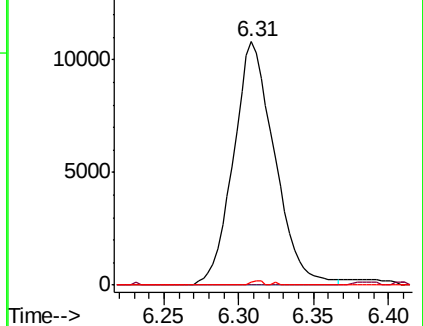
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.4	93.6#
98	0.5	35.5	53.3#

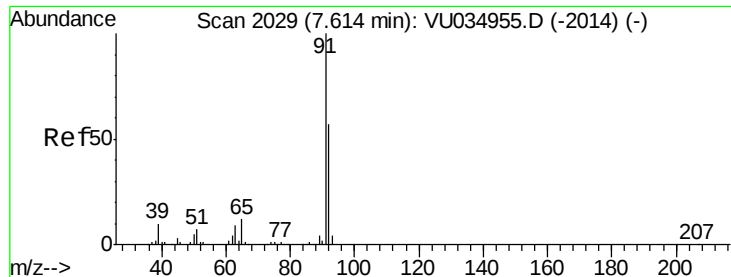


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#42

Toluene

Concen: 0.841 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

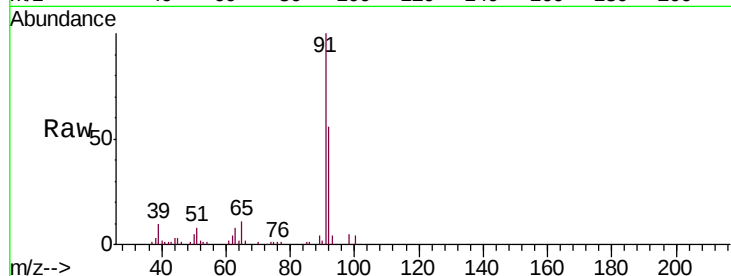
TB-191002-01

Tgt Ion: 91 Resp: 51198

Ion Ratio Lower Upper

91 100

92 56.3 40.2 74.6

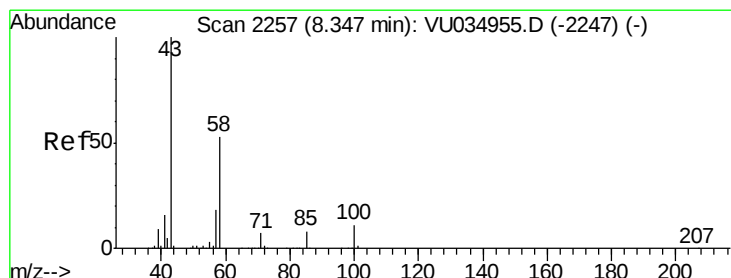
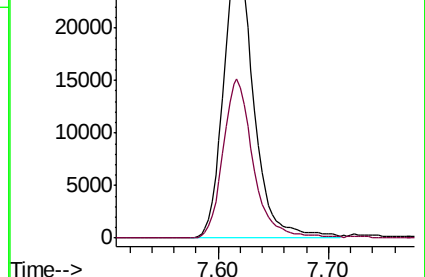
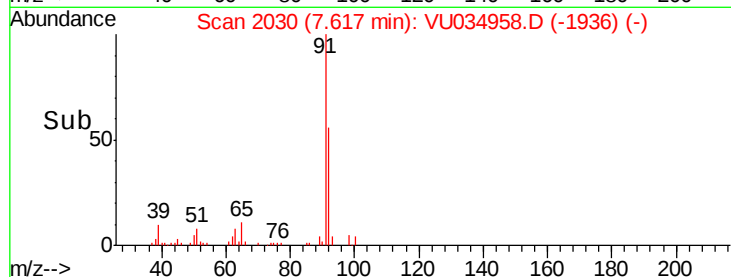


Abundance Ion 91.15 (90.85 to 91.85): VU034955.D (-2014) (-)

Ion 92.15 (91.85 to 92.85): VU034958.D (-1936) (-)

7.62

Time-->



#48

2-Hexanone

Concen: 1.173 ug/L

RT: 8.35 min Scan# 2259

Delta R.T. 0.01 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Tgt Ion: 43 Resp: 7958

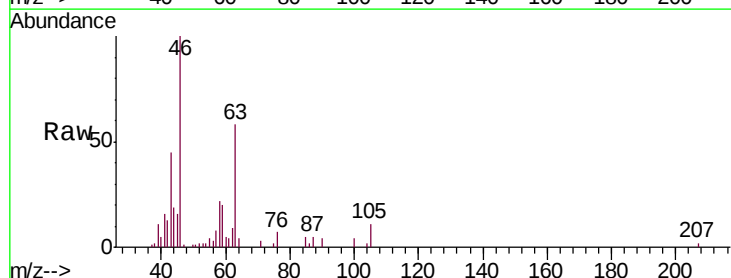
Ion Ratio Lower Upper

43 100

58 42.1 43.3 64.9#

57 0.0 14.5 21.7#

100 8.5 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VU034955.D (-2247) (-)

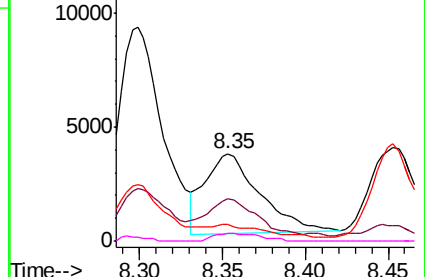
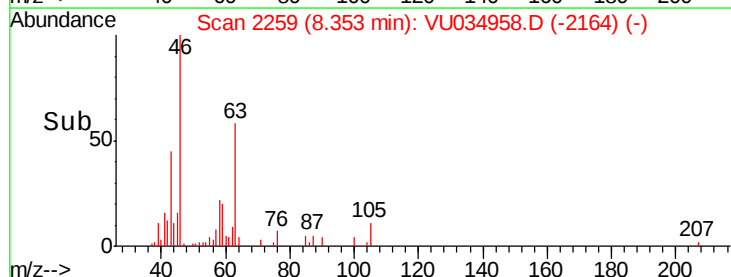
Ion 58.05 (57.75 to 58.75): VU034958.D (-2164) (-)

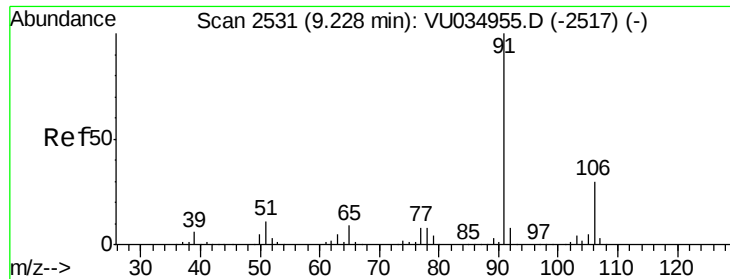
Ion 57.20 (56.90 to 57.90): VU034958.D (-2164) (-)

Ion 100.15 (99.85 to 100.85): VU034958.D (-2164) (-)

8.35

Time-->





#52

Ethylbenzene

Concen: 0.119 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

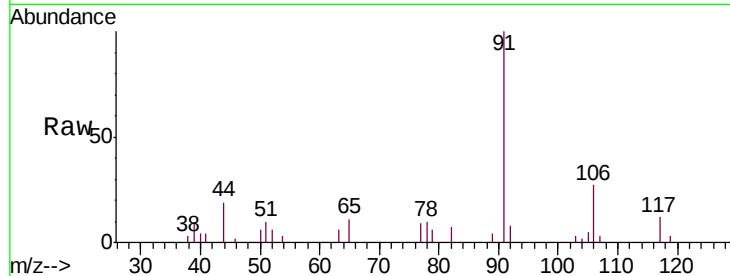
TB-191002-01

Tgt Ion: 91 Resp: 7994

Ion Ratio Lower Upper

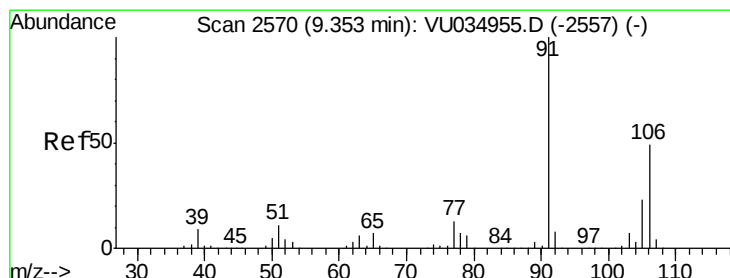
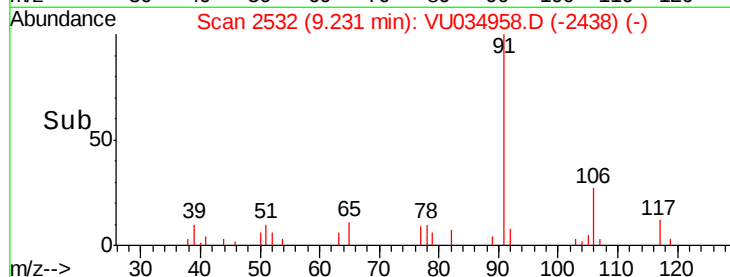
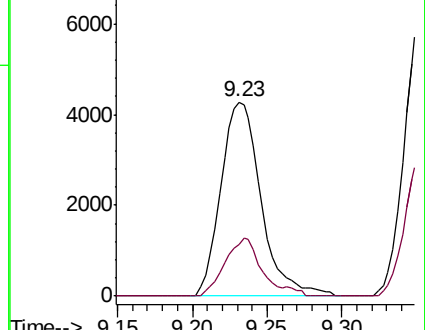
91 100

106 27.0 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU034955.D (-2517) (-)

Ion 106.15 (105.85 to 106.85): VU034955.D (-2517) (-)



#53

m,p-Xylene

Concen: 0.261 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034958.D

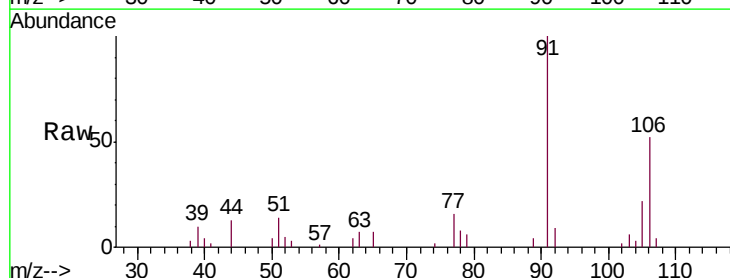
Acq: 07 Oct 2019 14:33

Tgt Ion: 106 Resp: 6477

Ion Ratio Lower Upper

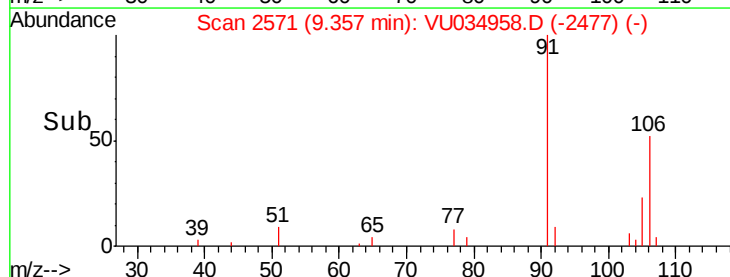
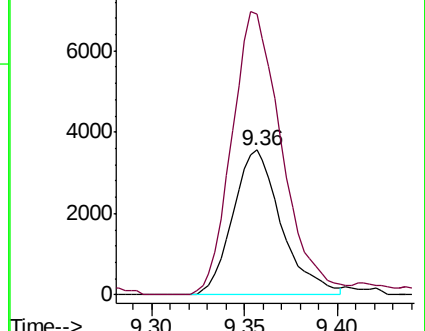
106 100

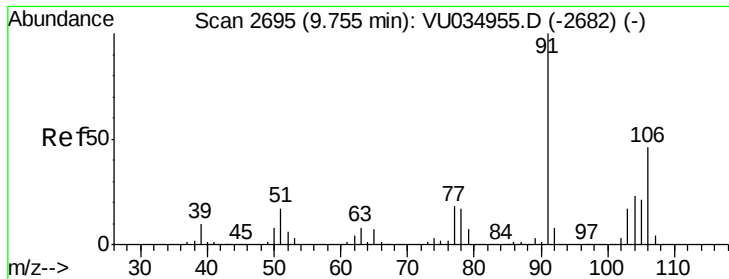
91 194.0 143.1 265.9



Abundance Ion 106.15 (105.85 to 106.85): VU034955.D (-2557) (-)

Ion 91.15 (90.85 to 91.85): VU034955.D (-2557) (-)

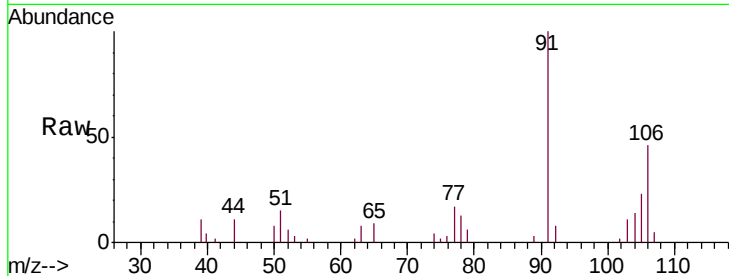




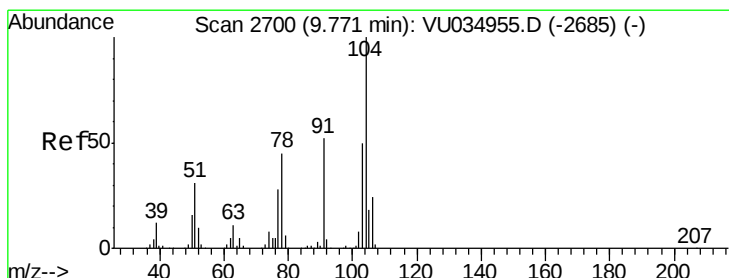
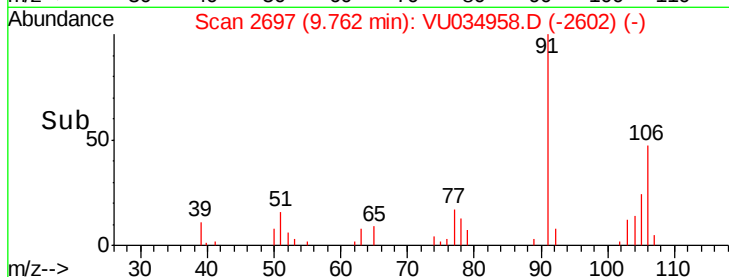
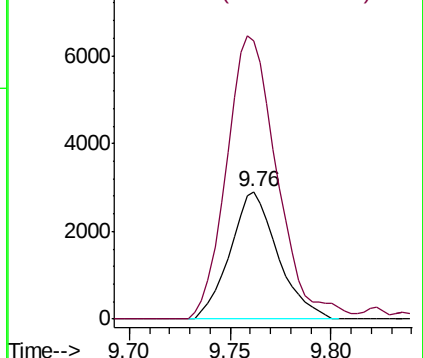
#54
o-Xylene
Concen: 0.197 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VU034958.D
Acq: 07 Oct 2019 14:33

Instrument :
MSVOA_U
ClientSampleId :
TB-191002-01

Tgt Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 218.2 151.6 281.6

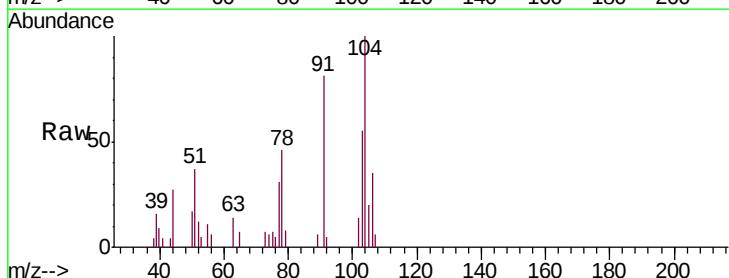


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

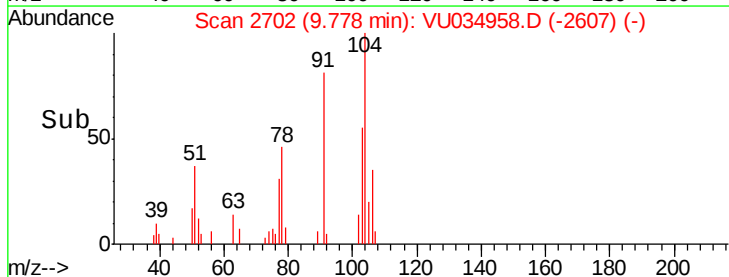
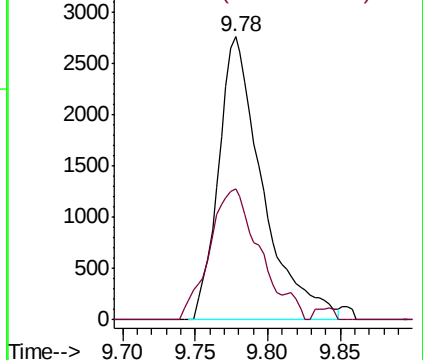


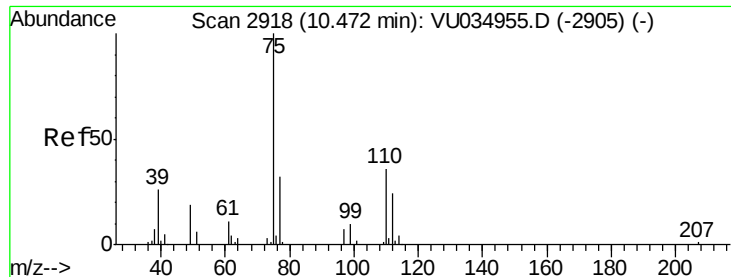
#55
Styrene
Concen: 0.148 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.01 min
Lab File: VU034958.D
Acq: 07 Oct 2019 14:33

Tgt Ion:104 Resp: 5828
Ion Ratio Lower Upper
104 100
78 46.2 32.7 60.7



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.149 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034958.D

Acq: 07 Oct 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

TB-191002-01

Tgt Ion: 75 Resp: 11700

Ion Ratio Lower Upper

75 100

77 42.8 25.8 38.6#

