

Data File : VU033637.D
Acq On : 08 Aug 2019 15:07
Operator : JC/SP
Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B25

Quant Time: Aug 09 07:42:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	292572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140665	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	98535	29.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.66%#
7) Chloroethane-d5	1.67	69	92477	33.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.16%#
11) 1,1-Dichloroethene-d2	2.26	63	135231	25.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.66%#
21) 2-Butanone-d5	4.15	46	227748	94.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.16%
24) Chloroform-d	4.62	84	176107	32.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.36%#
26) 1,2-Dichloroethane-d4	5.29	65	131913	37.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.76%
32) Benzene-d6	5.32	84	382689	35.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.64%
36) 1,2-Dichloropropane-d6	6.31	67	131513	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.34%
41) Toluene-d8	7.55	98	331451	33.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.18%#
43) trans-1,3-Dichloropropene-	7.83	79	60511	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.76%
47) 2-Hexanone-d5	8.29	63	172637	100.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	224876	41.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.44%
64) 1,2-Dichlorobenzene-d4	11.84	152	151148	39.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.66%#

Target Compounds

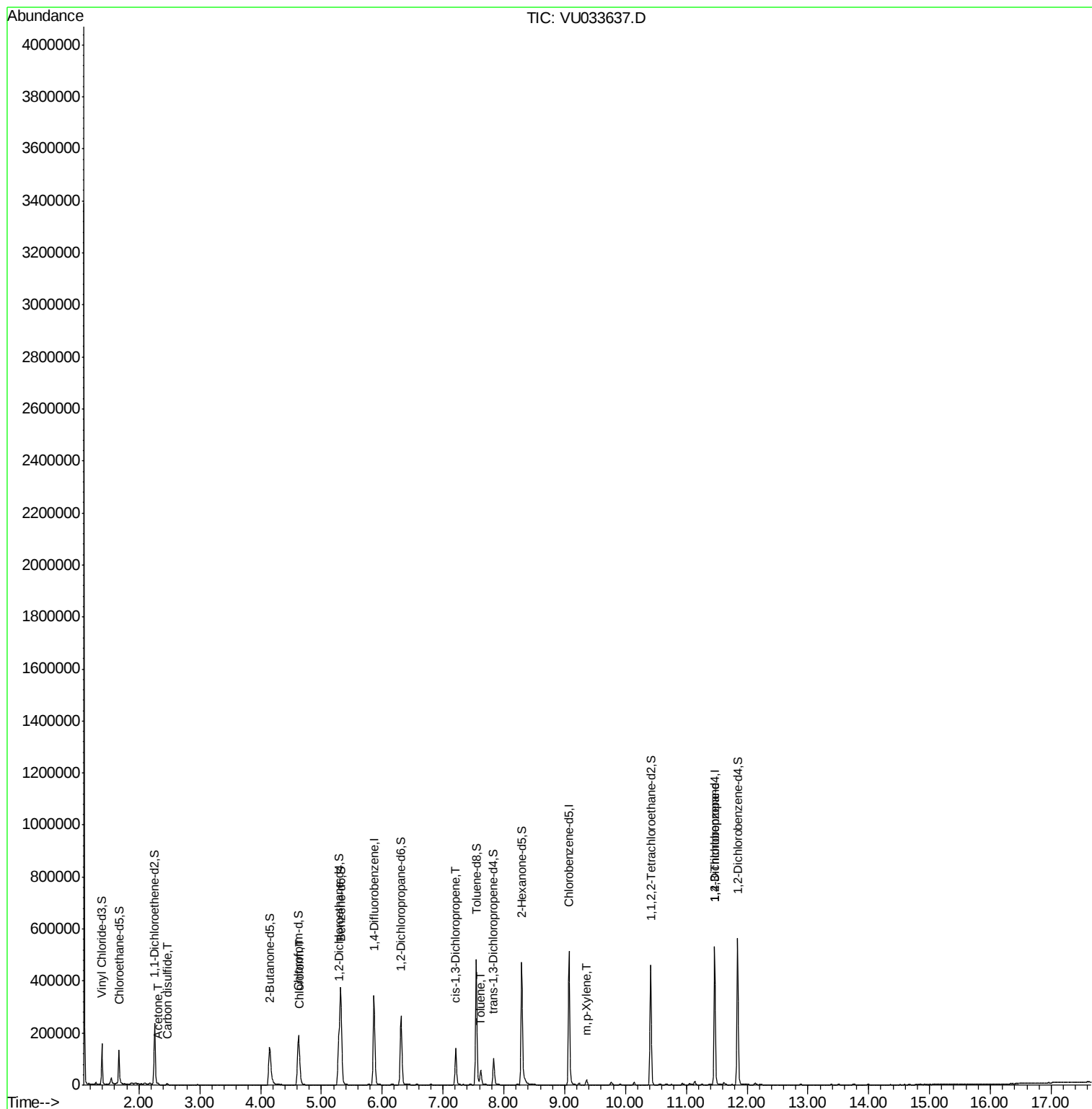
					Qvalue
13) Acetone	2.31	43	4195	2.550 ug/L	93
14) Carbon disulfide	2.46	76	5900	0.952 ug/L #	93
25) Chloroform	4.65	83	21692	4.922 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	3589	0.973 ug/L #	63
42) Toluene	7.62	91	41454	4.214 ug/L	95
53) m,p-Xylene	9.36	106	6554	1.636 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	16734	4.944 ug/L	92

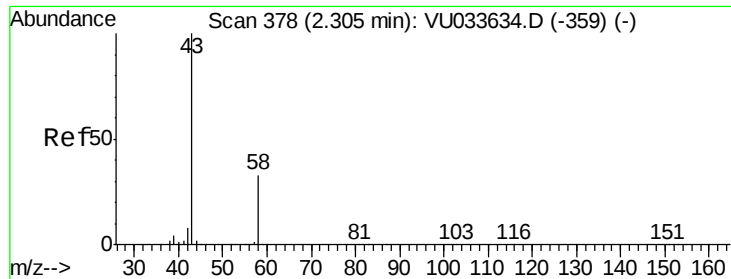
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.550 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

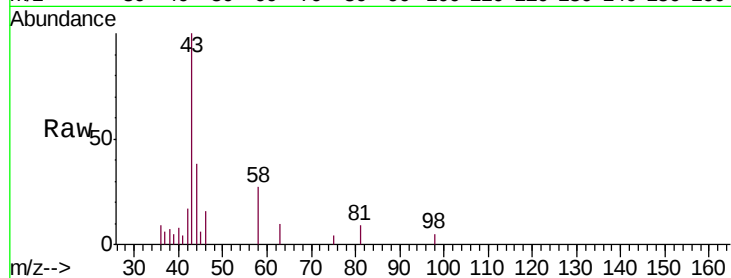
F2B25

Tgt Ion: 43 Resp: 4195

Ion Ratio Lower Upper

43 100

58 28.5 0.0 65.0



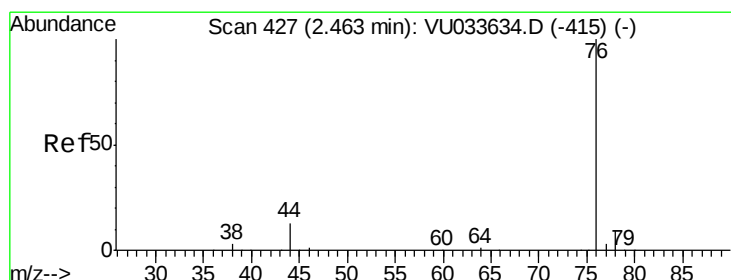
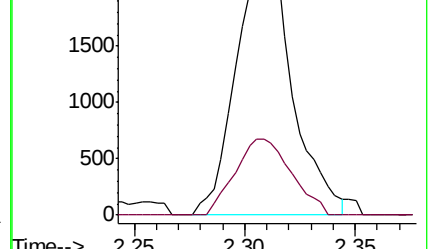
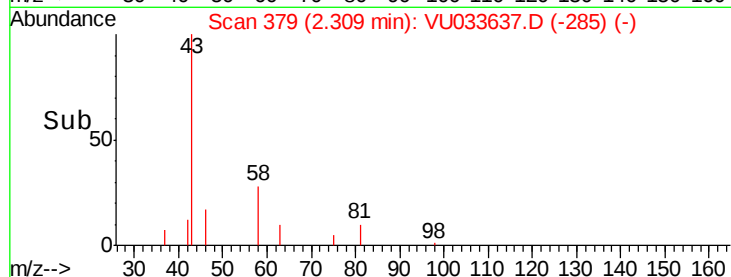
Abundance Ion 43.00 (42.70 to 43.70): VU033637.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU033637.D (-359) (-)

2.31

2.30

2.35



#14

Carbon disulfide

Concen: 0.952 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VU033637.D

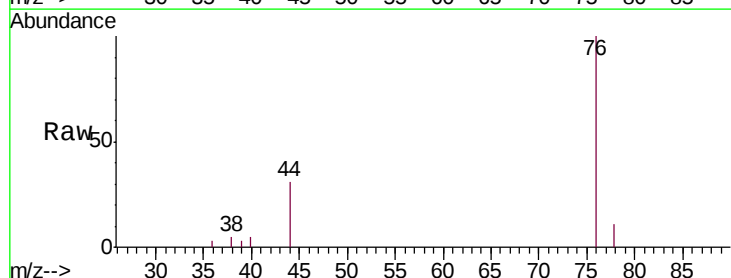
Acq: 08 Aug 2019 15:07

Tgt Ion: 76 Resp: 5900

Ion Ratio Lower Upper

76 100

78 11.3 7.1 10.7#



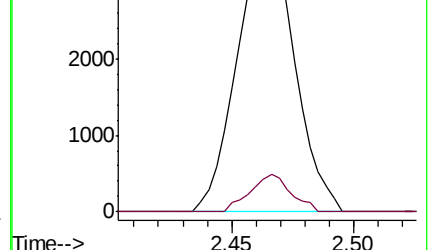
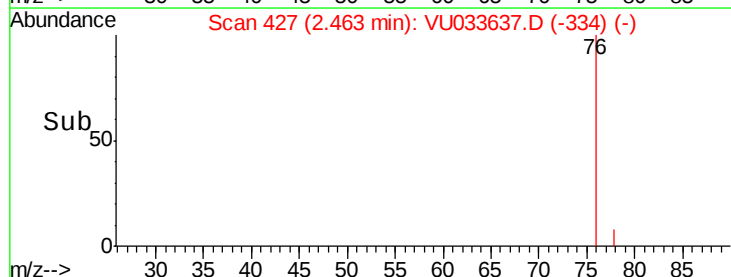
Abundance Ion 76.00 (75.70 to 76.70): VU033637.D (-334) (-)

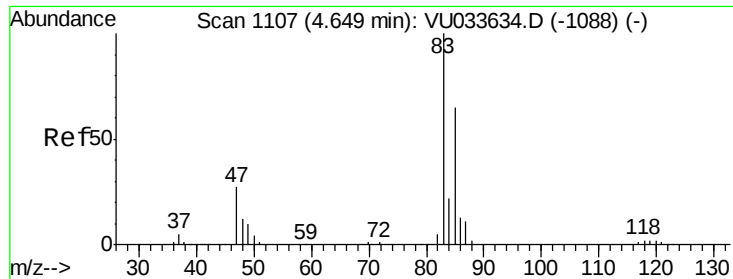
Ion 78.00 (77.70 to 78.70): VU033637.D (-334) (-)

2.46

2.45

2.50

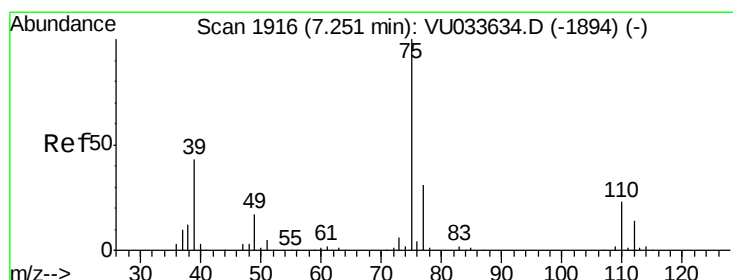
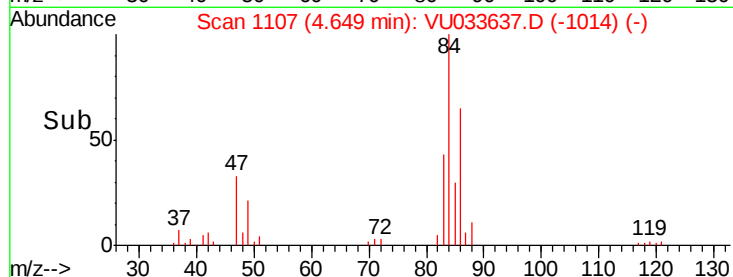
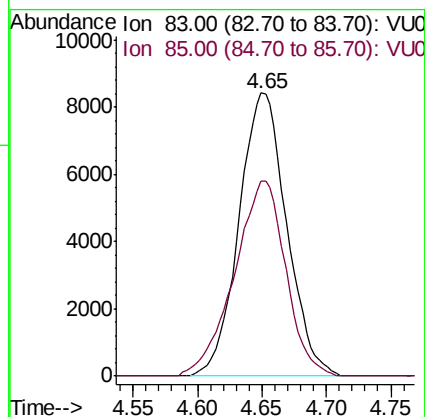
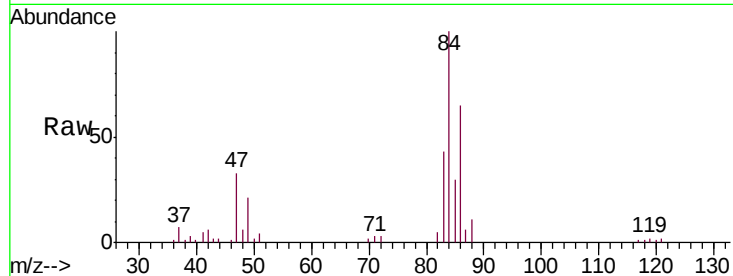




#25
Chloroform
Concen: 4.922 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033637.D
Acq: 08 Aug 2019 15:07

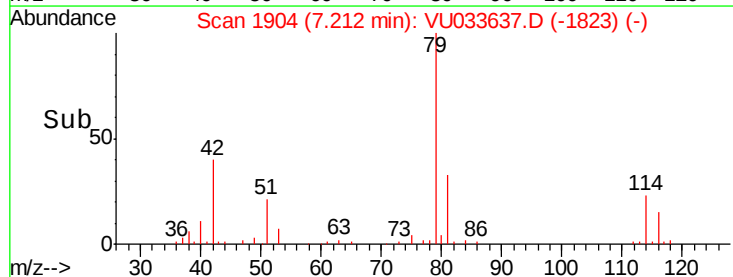
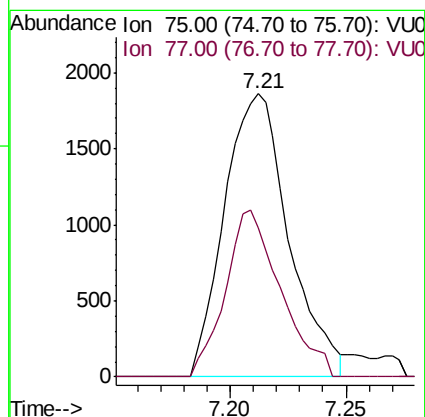
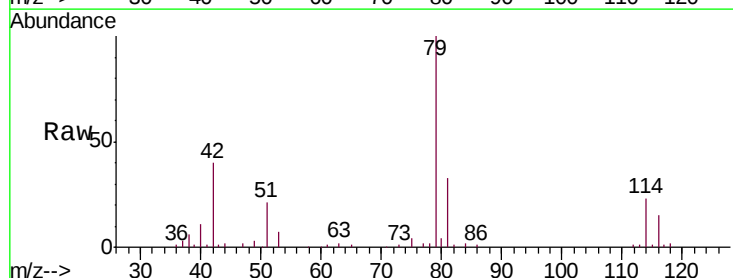
Instrument :
MSVOA_U
ClientSampleId :
F2B25

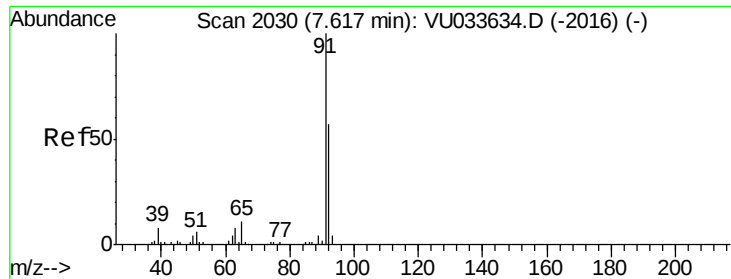
Tgt Ion: 83 Resp: 21692
Ion Ratio Lower Upper
83 100
85 68.7 47.2 87.6



#39
cis-1,3-Dichloropropene
Concen: 0.973 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU033637.D
Acq: 08 Aug 2019 15:07

Tgt Ion: 75 Resp: 3589
Ion Ratio Lower Upper
75 100
77 52.7 22.5 41.9#





#42

Toluene

Concen: 4.214 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033637.D

Acq: 08 Aug 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

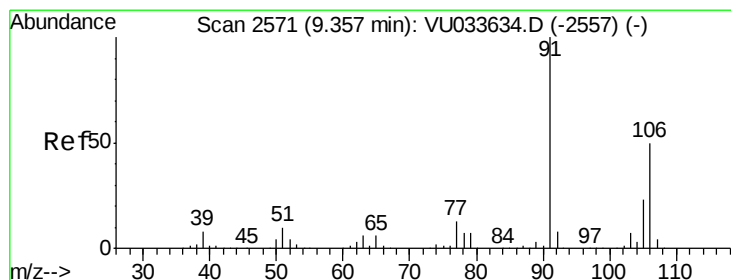
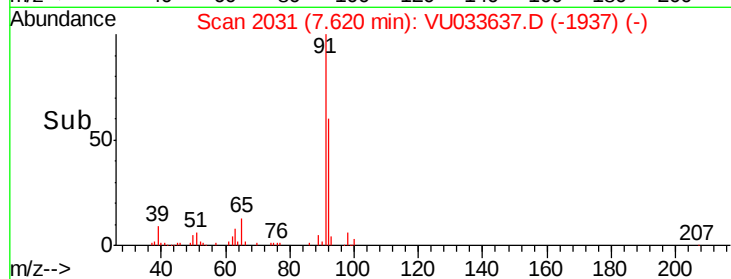
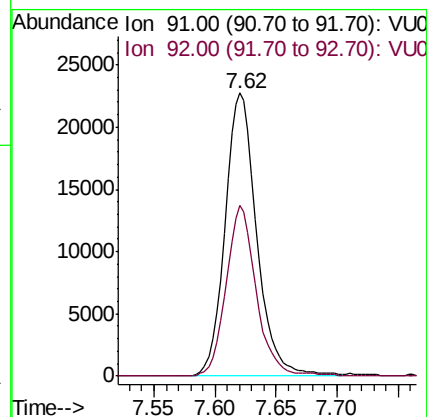
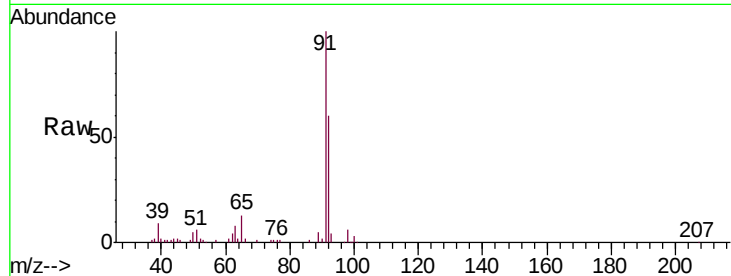
F2B25

Tgt Ion: 91 Resp: 41454

Ion Ratio Lower Upper

91 100

92 60.4 39.6 73.6



#53

m,p-Xylene

Concen: 1.636 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033637.D

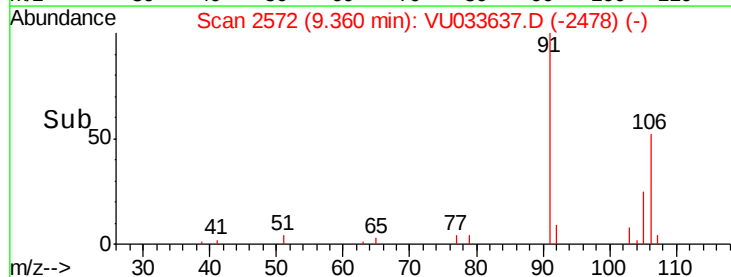
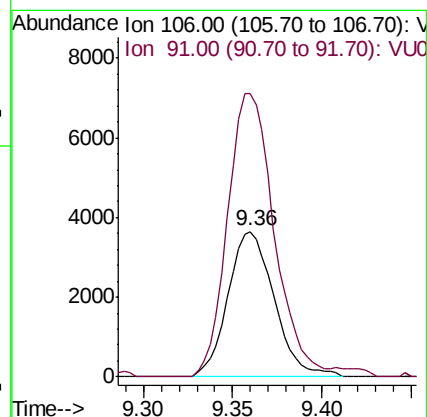
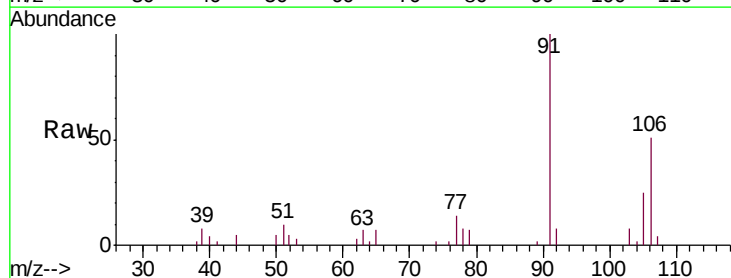
Acq: 08 Aug 2019 15:07

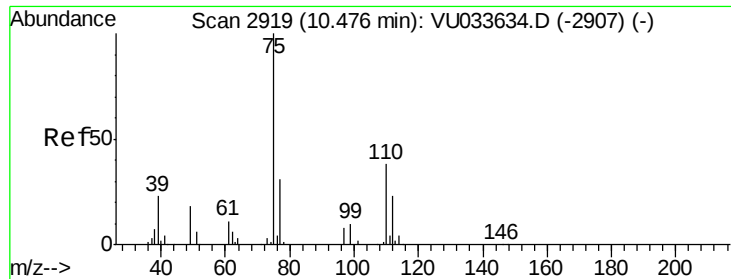
Tgt Ion: 106 Resp: 6554

Ion Ratio Lower Upper

106 100

91 194.5 138.5 257.3





#59

1,2,3-Trichloropropane

Concen: 4.944 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033637.D

Acq: 08 Aug 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

F2B25

Tgt Ion: 75 Resp: 16734

Ion Ratio Lower Upper

75 100

77 36.4 25.5 38.3

