

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032876.D
 Acq On : 19 Jun 2019 22:30
 Operator : JC/SP
 Sample : K3413-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF9

Quant Time: Jun 20 07:29:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92257	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46632	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28729	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.68	69	24603	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	46778	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.19	46	108262	64.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.34%
24) Chloroform-d	4.64	84	64141	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.20%
26) 1,2-Dichloroethane-d4	5.31	65	37649	6.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.20%#
32) Benzene-d6	5.33	84	121859	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.32	67	40641	5.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.40%
41) Toluene-d8	7.56	98	109355	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.85	79	15836	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.31	63	78820	53.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35965	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	47805	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

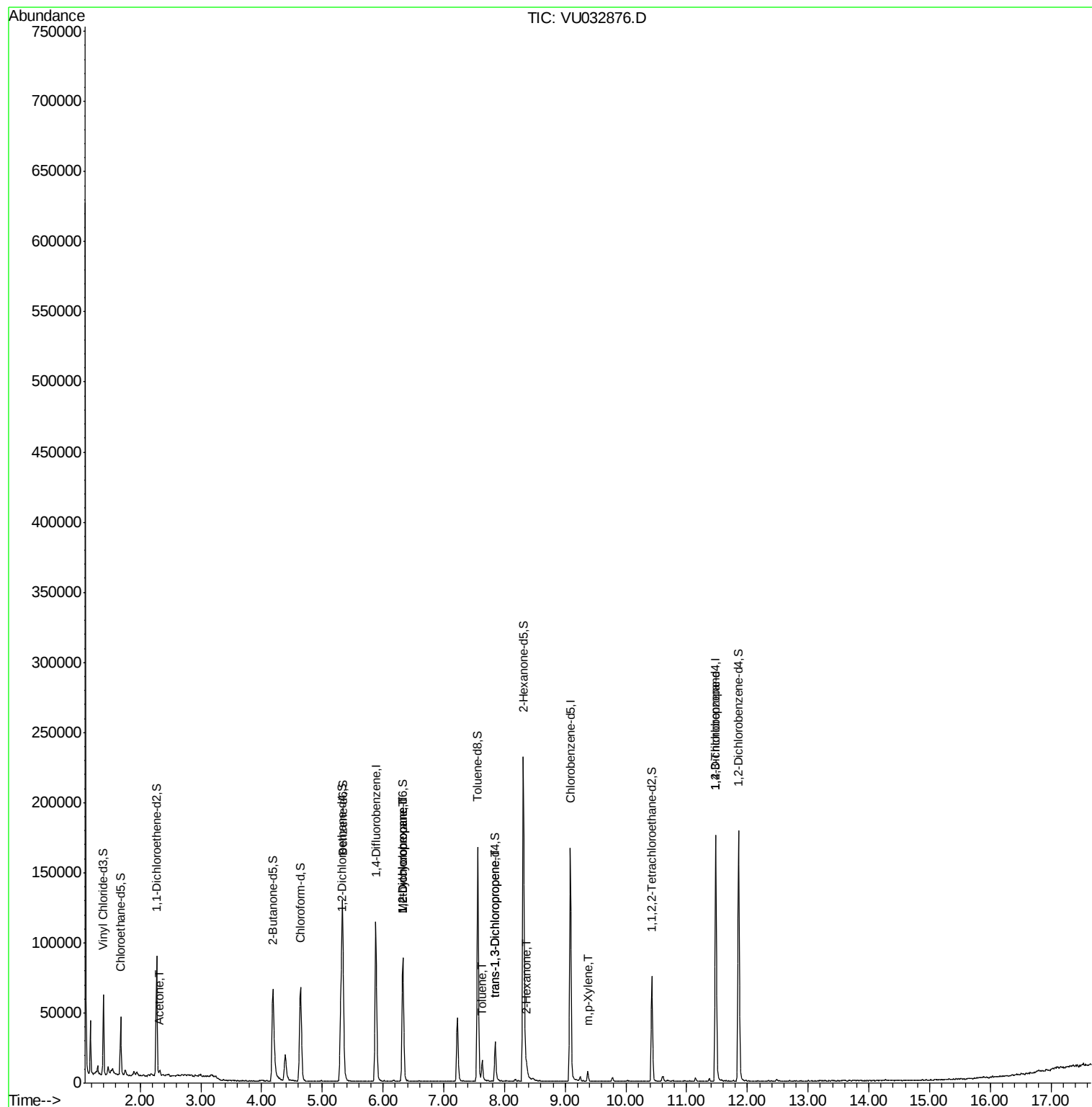
					Qvalue
13) Acetone	2.32	43	4091	3.149 ug/L	93
35) Methylcyclohexane	6.32	83	9060	0.735 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4709	0.683 ug/L #	89
42) Toluene	7.63	91	10357	0.349 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	875	0.104 ug/L	90
48) 2-Hexanone	8.36	43	4503	1.285 ug/L #	86
53) m,p-Xylene	9.37	106	2313	0.187 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	5820	1.286 ug/L	92

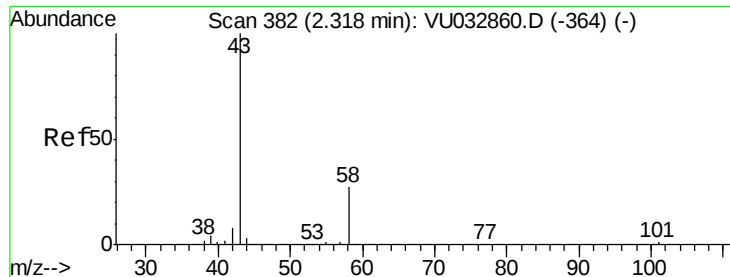
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.149 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032876.D

Acq: 19 Jun 2019 22:30

Instrument :

MSVOA_U

ClientSampleId :

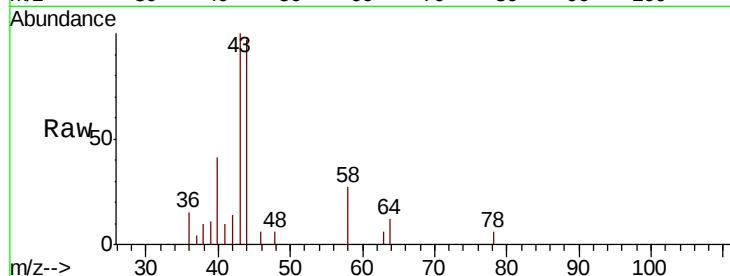
GALF9

Tgt Ion: 43 Resp: 4091

Ion Ratio Lower Upper

43 100

58 26.8 0.0 60.8



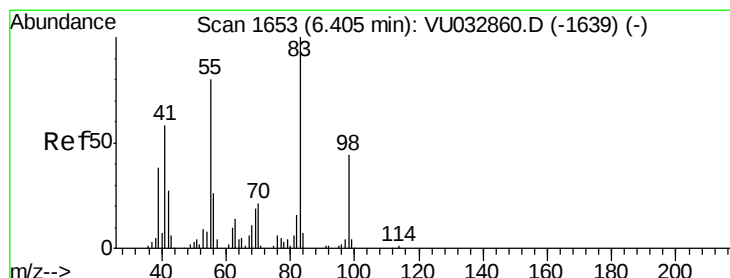
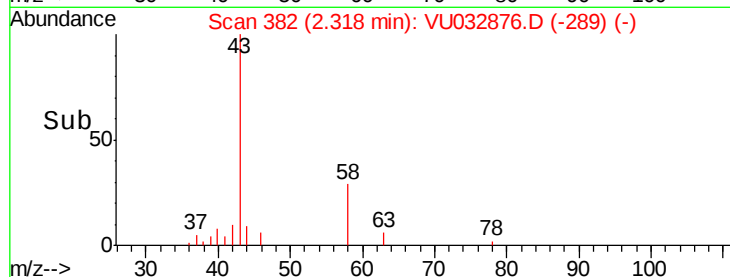
Abundance Ion 43.05 (42.75 to 43.75): VU032876.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032876.D (-289) (-)

2.32

2.25 2.30 2.35 2.40

Time-->



#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032876.D

Acq: 19 Jun 2019 22:30

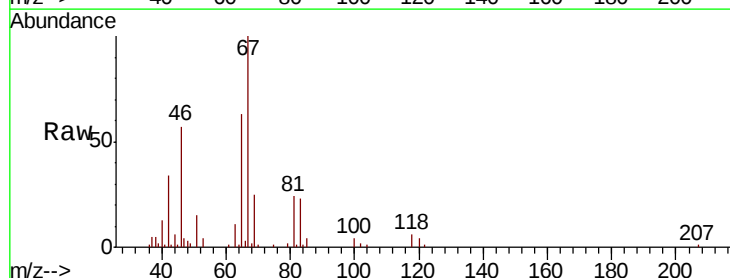
Tgt Ion: 83 Resp: 9060

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 0.5 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032876.D (-1560) (-)

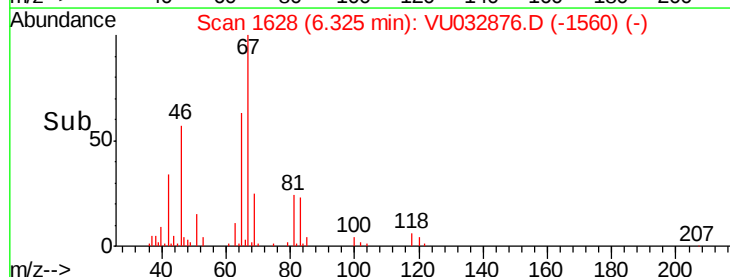
Ion 55.10 (54.80 to 55.80): VU032876.D (-1560) (-)

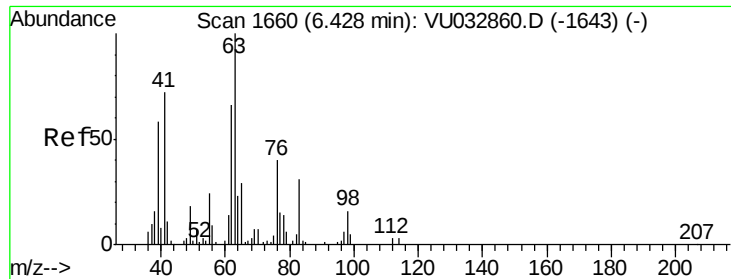
Ion 98.15 (97.85 to 98.85): VU032876.D (-1560) (-)

6.32

6.25 6.30 6.35 6.40

Time-->





#37

1,2-Dichloropropane

Concen: 0.683 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032876.D

Acq: 19 Jun 2019 22:30

Instrument :

MSVOA_U

ClientSampled :

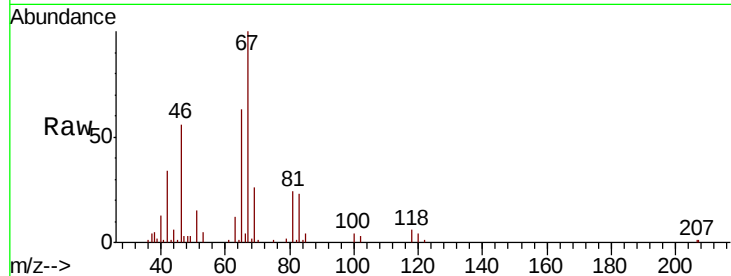
GALF9

Tgt Ion: 63 Resp: 4709

Ion Ratio Lower Upper

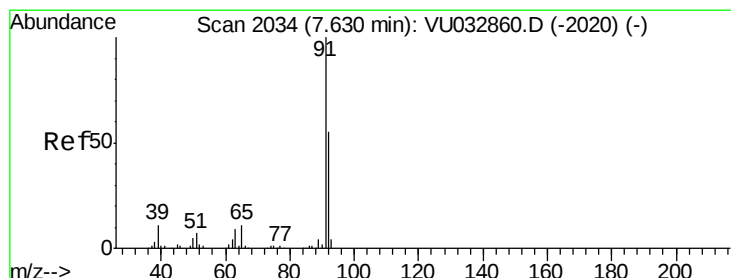
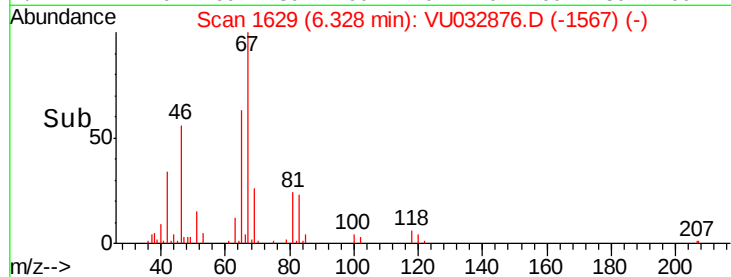
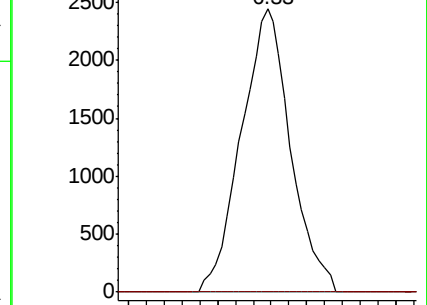
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#42

Toluene

Concen: 0.349 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032876.D

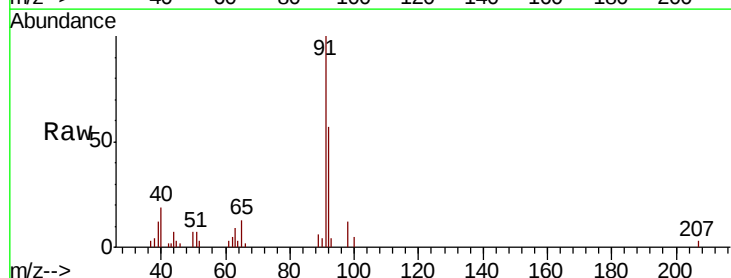
Acq: 19 Jun 2019 22:30

Tgt Ion: 91 Resp: 10357

Ion Ratio Lower Upper

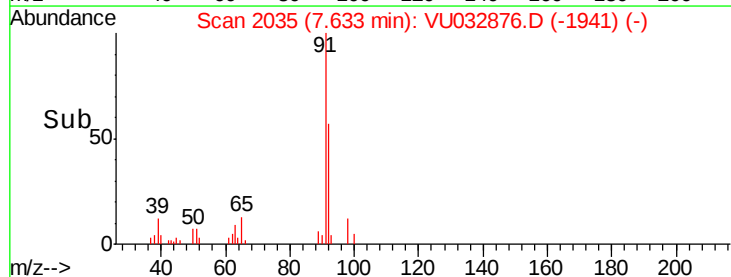
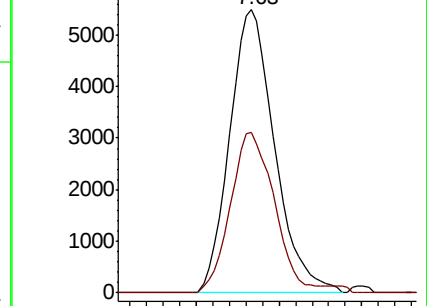
91 100

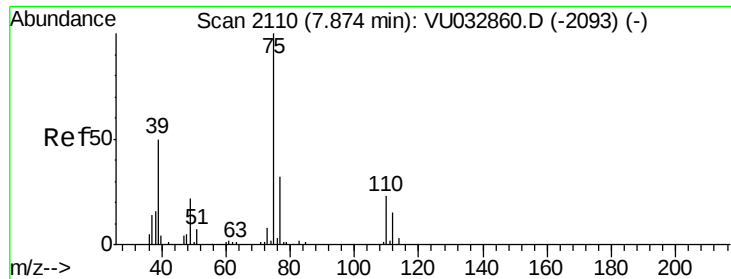
92 56.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032876.D

Acq: 19 Jun 2019 22:30

Instrument :

MSVOA_U

ClientSampleId :

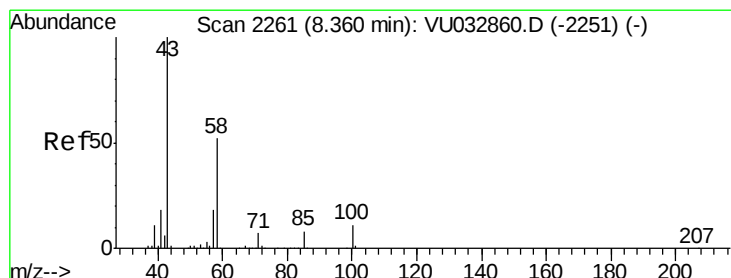
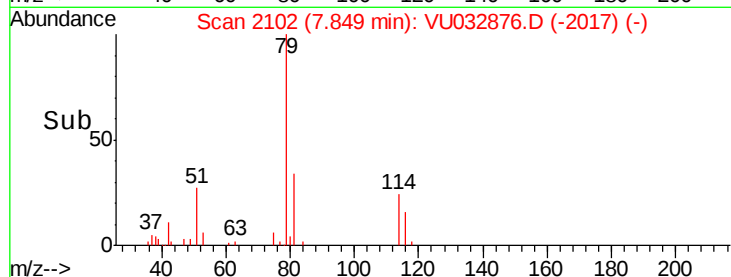
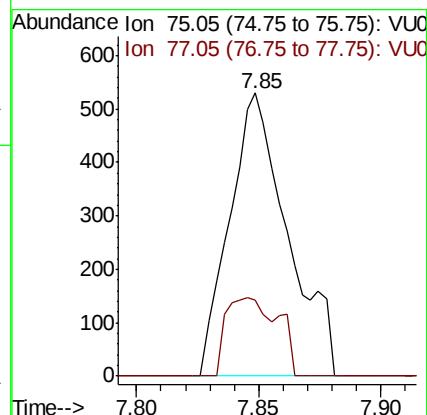
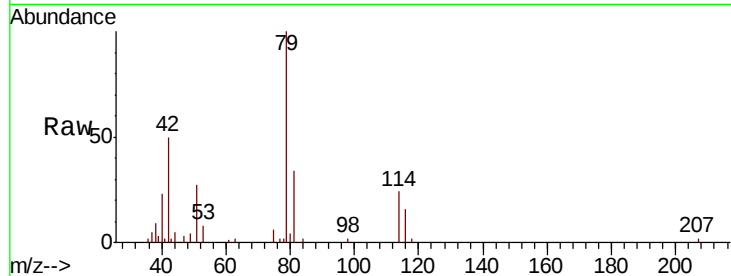
GALF9

Tgt Ion: 75 Resp: 875

Ion Ratio Lower Upper

75 100

77 26.8 22.5 41.7



#48

2-Hexanone

Concen: 1.285 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU032876.D

Acq: 19 Jun 2019 22:30

Tgt Ion: 43 Resp: 4503

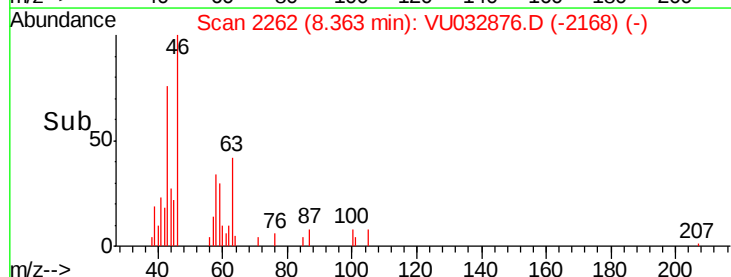
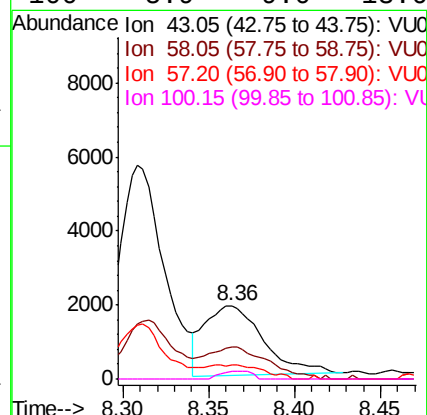
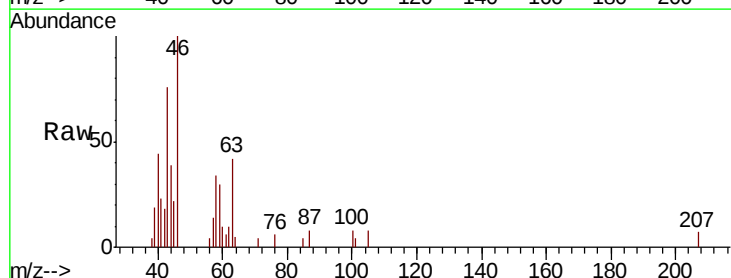
Ion Ratio Lower Upper

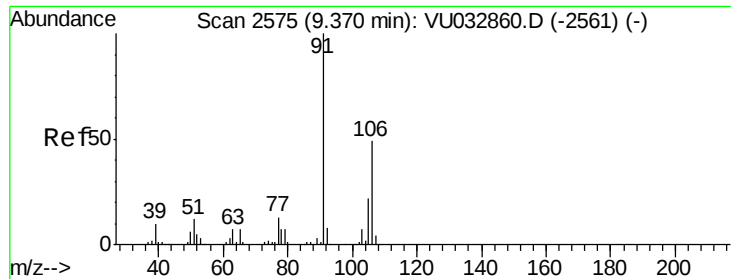
43 100

58 48.9 41.9 62.9

57 2.0 15.1 22.7#

100 5.9 9.0 13.6#





#53

m,p-Xylene

Concen: 0.187 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. 0.00 min

Lab File: VU032876.D

Acq: 19 Jun 2019 22:30

Instrument :

MSVOA_U

ClientSampleId :

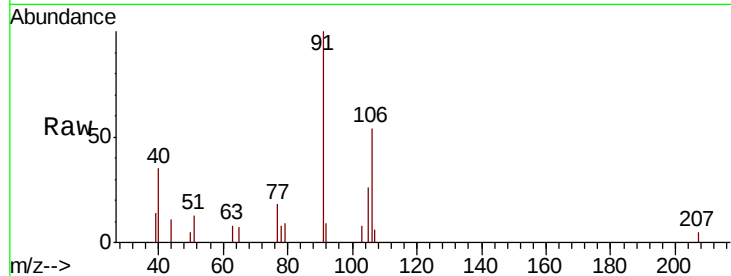
GALF9

Tgt Ion: 106 Resp: 2313

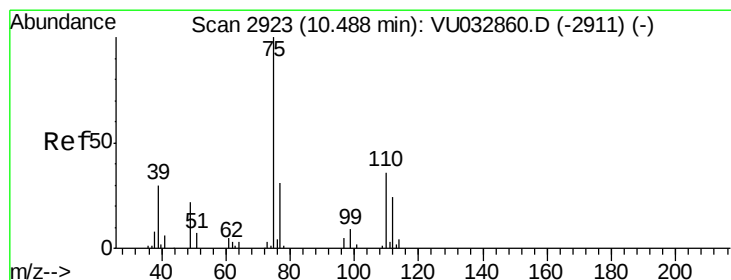
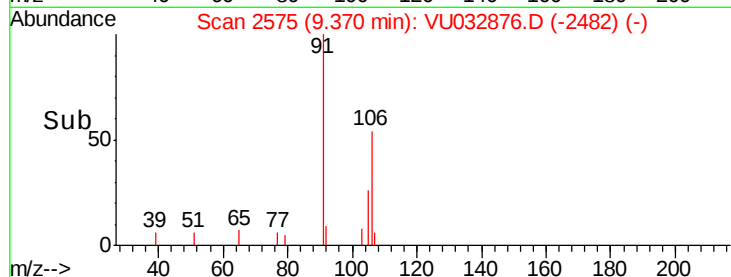
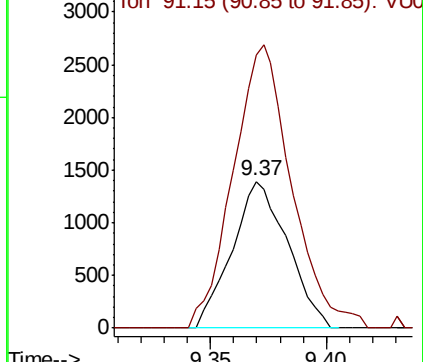
Ion Ratio Lower Upper

106 100

91 186.2 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032876.D (-2561) (-)



#59

1,2,3-Trichloropropane

Concen: 1.286 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032876.D

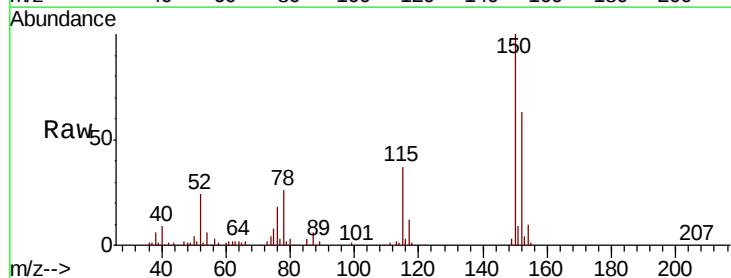
Acq: 19 Jun 2019 22:30

Tgt Ion: 75 Resp: 5820

Ion Ratio Lower Upper

75 100

77 36.0 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU032876.D (-2911) (-)

