

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032882.D
 Acq On : 20 Jun 2019 00:55
 Operator : JC/SP
 Sample : K3414-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALL9

Quant Time: Jun 20 07:30:18 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	93636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	92845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25089	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.68	69	22484	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	42181	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.19	46	100357	59.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.14%
24) Chloroform-d	4.64	84	59200	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.31	65	33600	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
32) Benzene-d6	5.33	84	111013	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.32	67	35140	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.56	98	97194	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	14817	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.31	63	74257	48.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31681	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	41657	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

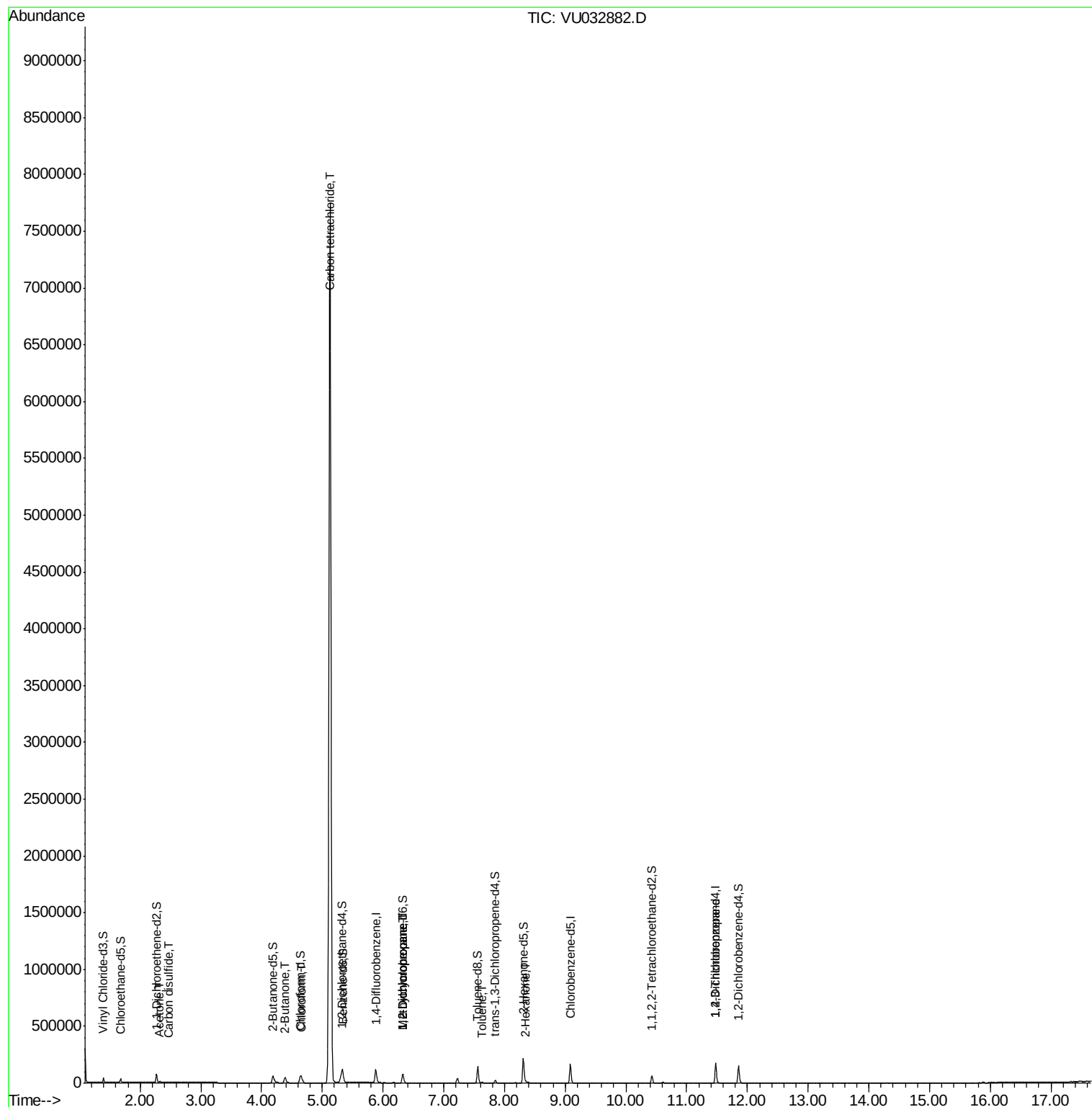
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	11544	8.754	ug/L	92
14) Carbon disulfide	2.47	76	2183	0.115	ug/L #	70
21) 2-Butanone	4.39	43	67880	35.392	ug/L #	49
25) Chloroform	4.67	83	20703	1.764	ug/L	99
31) Carbon tetrachloride	5.13	117	5301211	515.347	ug/L	99
35) Methylcyclohexane	6.32	83	8357	0.660	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4283	0.605	ug/L #	89
42) Toluene	7.63	91	4163	0.136	ug/L	96
48) 2-Hexanone	8.36	43	3792	1.053	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	6332	1.361	ug/L	91

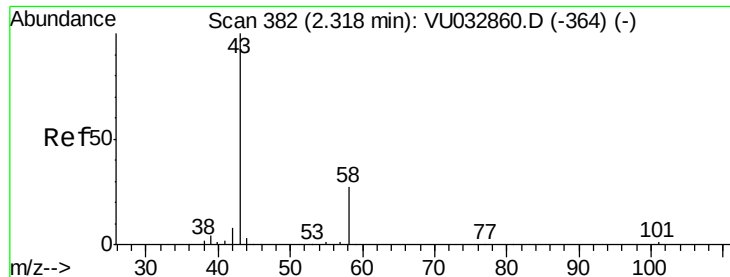
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.754 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032882.D

Acq: 20 Jun 2019 00:55

Instrument :

MSVOA_U

ClientSampleId :

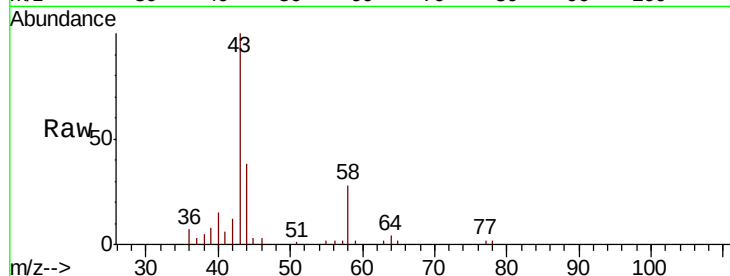
GALL9

Tgt Ion: 43 Resp: 11544

Ion Ratio Lower Upper

43 100

58 26.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032882.D (-382) (-)

Ion 58.05 (57.75 to 58.75): VU032882.D (-382) (-)

8000

6000

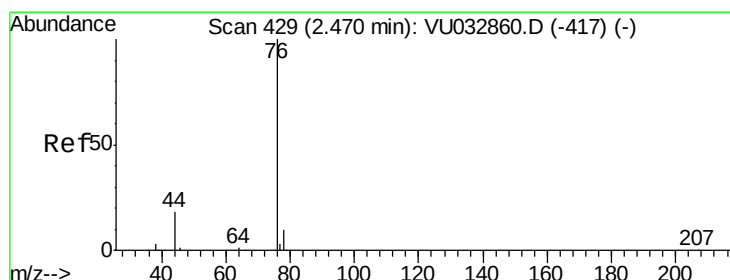
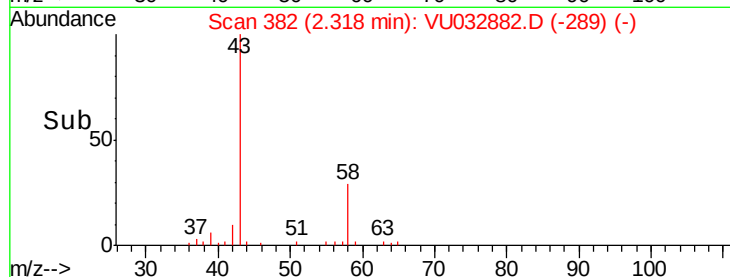
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#14

Carbon disulfide

Concen: 0.115 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032882.D

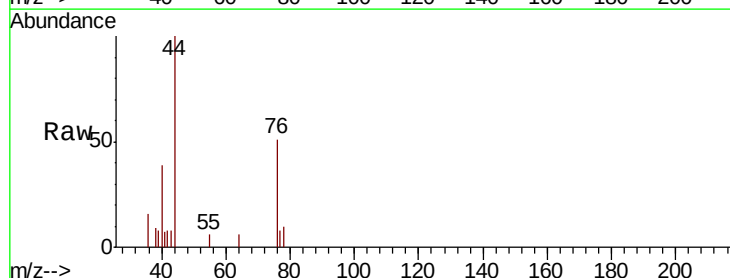
Acq: 20 Jun 2019 00:55

Tgt Ion: 76 Resp: 2183

Ion Ratio Lower Upper

76 100

78 19.9 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU032882.D (-436) (-)

Ion 78.00 (77.70 to 78.70): VU032882.D (-436) (-)

1500

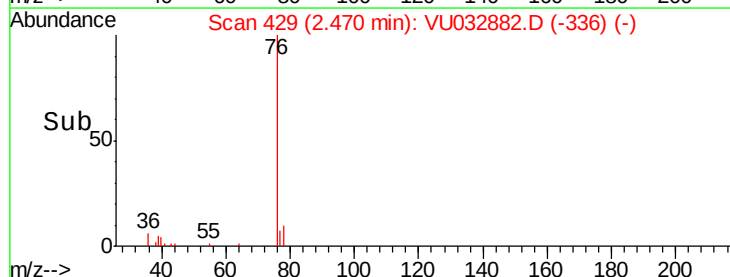
1000

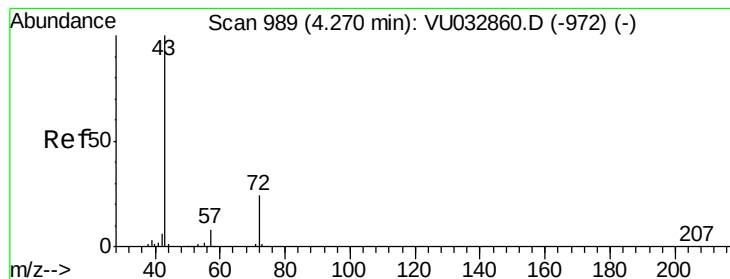
500

0

2.45 2.50

Time-->





#21

2-Butanone

Concen: 35.392 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.12 min

Lab File: VU032882.D

Acq: 20 Jun 2019 00:55

Instrument :

MSVOA_U

ClientSampleId :

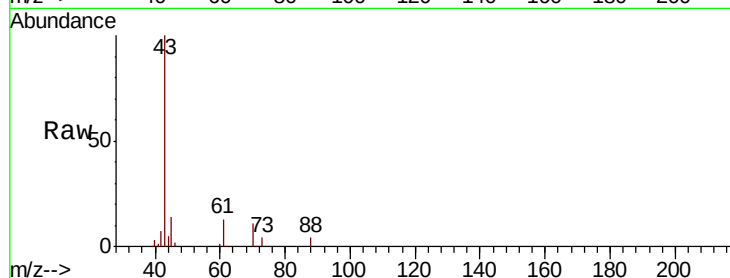
GALL9

Tgt Ion: 43 Resp: 67880

Ion Ratio Lower Upper

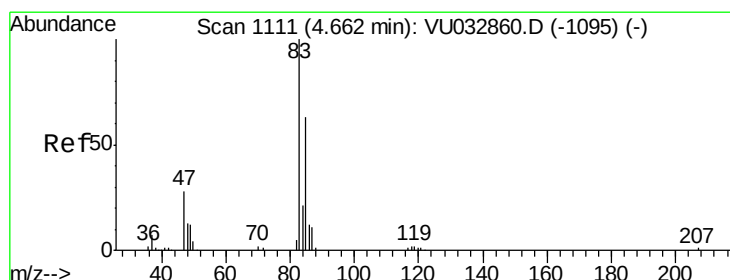
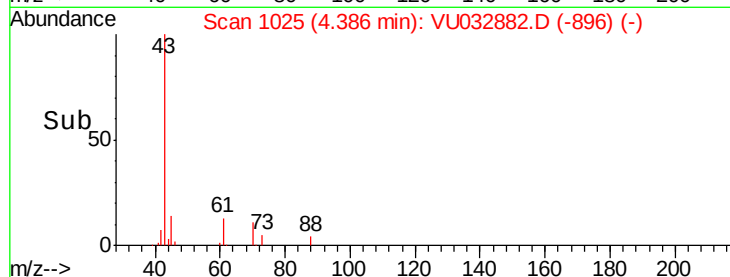
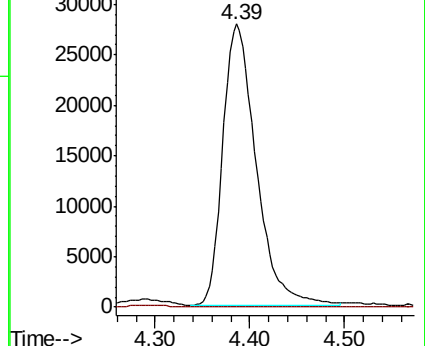
43 100

72 0.0 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032882.D (-1025) (-)

Ion 72.10 (71.80 to 72.80): VU032882.D (-1025) (-)



#25

Chloroform

Concen: 1.764 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032882.D

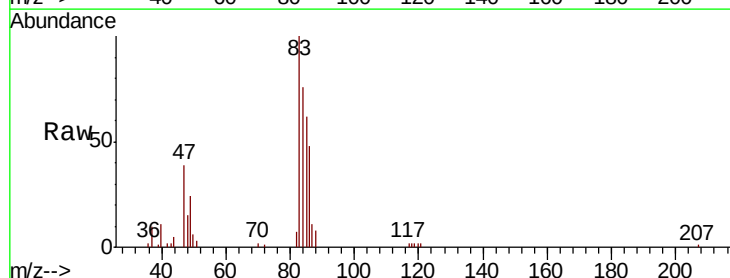
Acq: 20 Jun 2019 00:55

Tgt Ion: 83 Resp: 20703

Ion Ratio Lower Upper

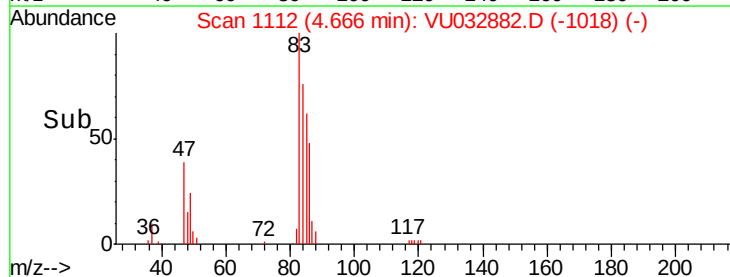
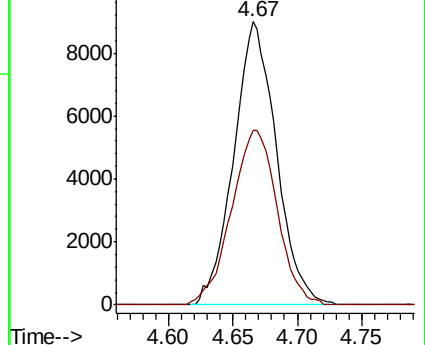
83 100

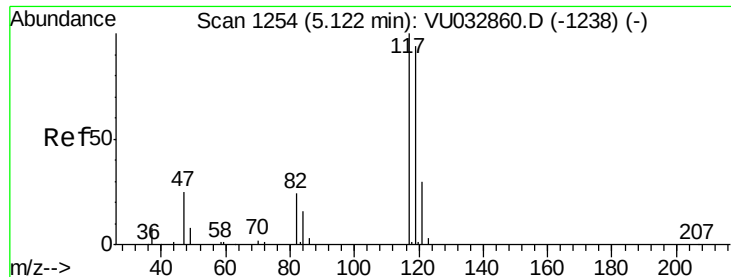
85 61.8 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032882.D (-1112) (-)

Ion 85.00 (84.70 to 85.70): VU032882.D (-1112) (-)





#31

Carbon tetrachloride

Concen: 515.347 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU032882.D

Acq: 20 Jun 2019 00:55

Instrument :

MSVOA_U

ClientSampleId :

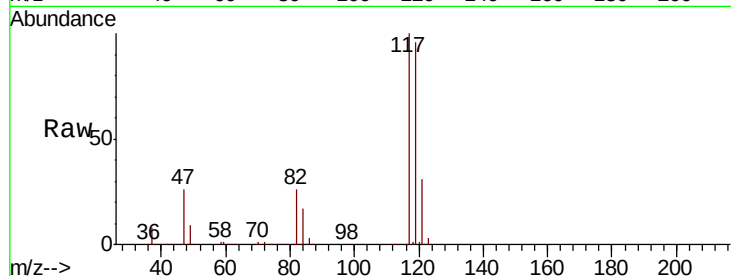
GALL9

Tgt Ion:117 Resp: 5301211

Ion Ratio Lower Upper

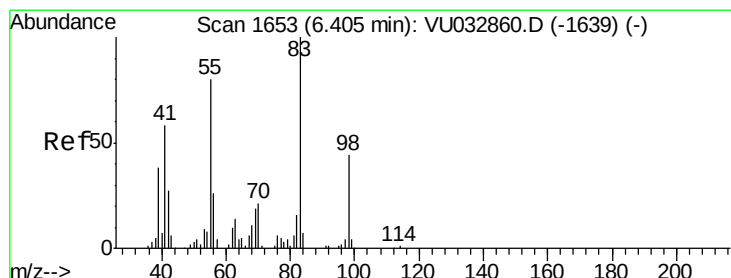
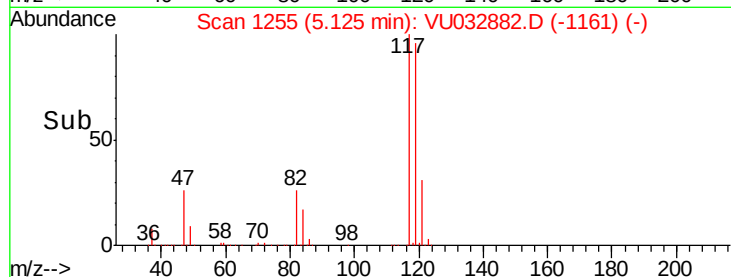
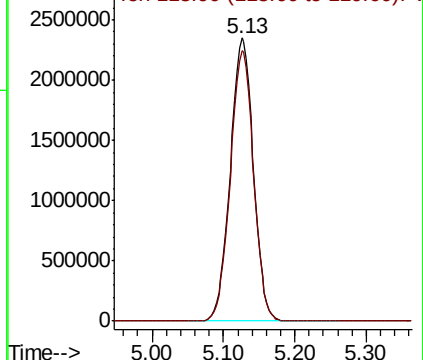
117 100

119 96.0 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032882.D

Acq: 20 Jun 2019 00:55

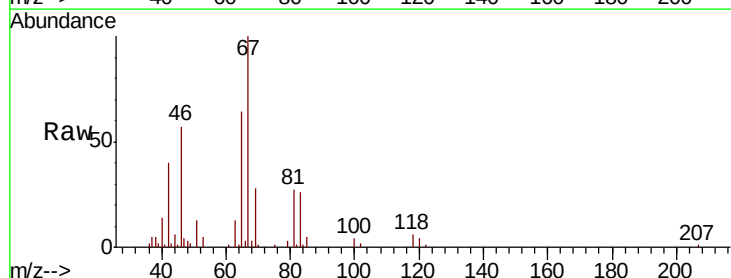
Tgt Ion: 83 Resp: 8357

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

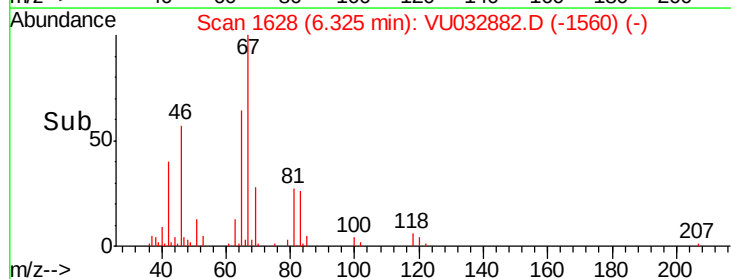
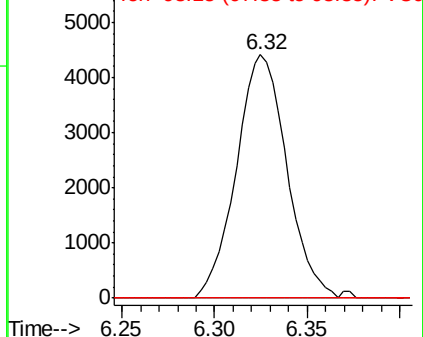
98 0.8 37.8 56.8#

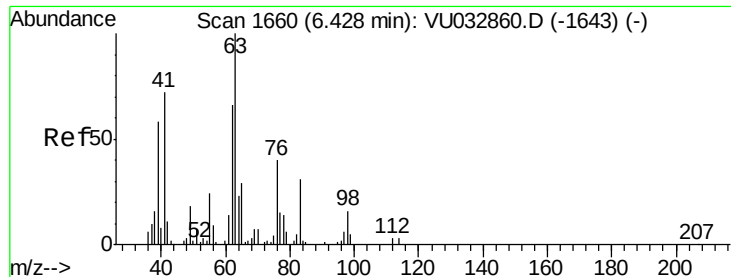


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

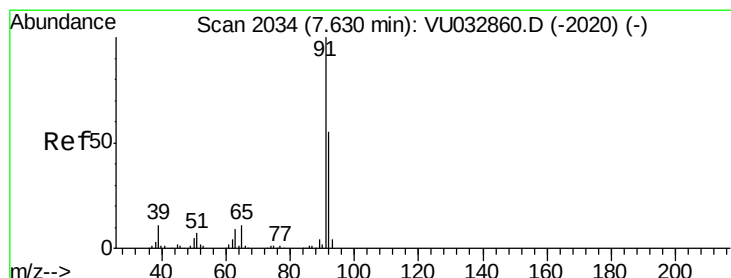
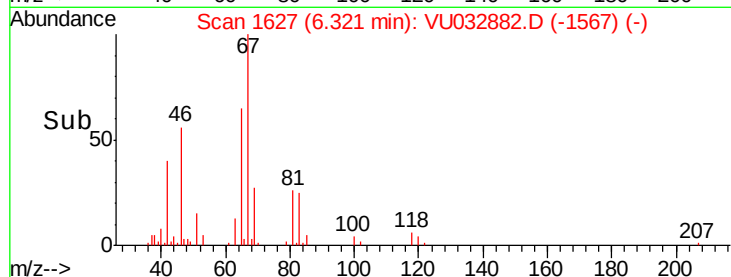
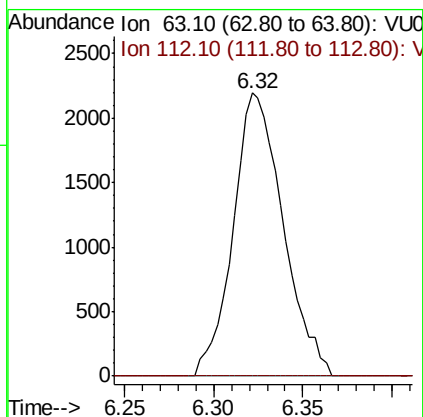
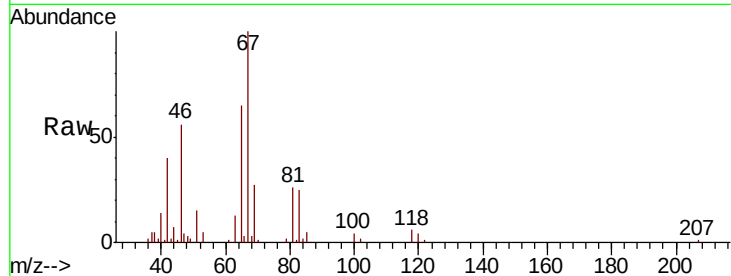




#37
 1,2-Dichloropropane
 Concen: 0.605 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032882.D
 Acq: 20 Jun 2019 00:55

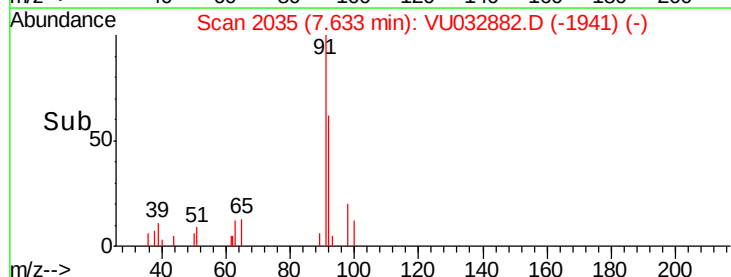
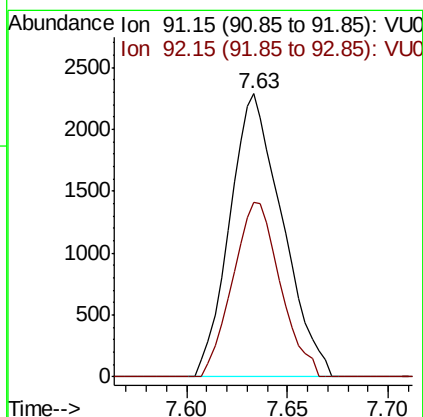
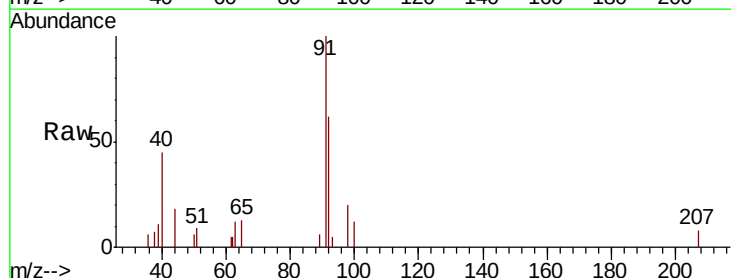
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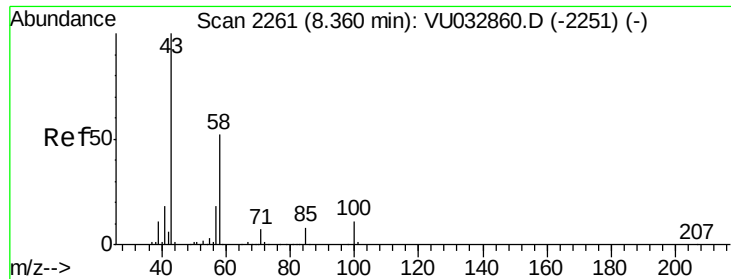
Tgt Ion: 63 Resp: 4283
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#42
 Toluene
 Concen: 0.136 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU032882.D
 Acq: 20 Jun 2019 00:55

Tgt Ion: 91 Resp: 4163
 Ion Ratio Lower Upper
 91 100
 92 61.7 40.9 75.9

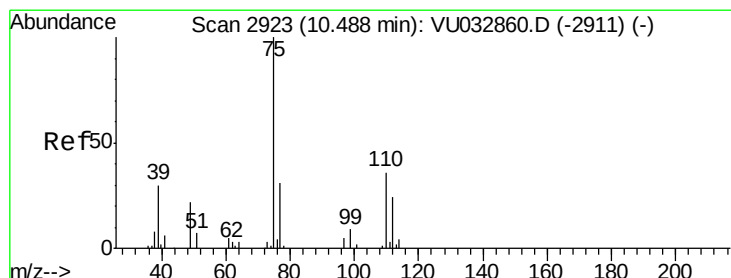
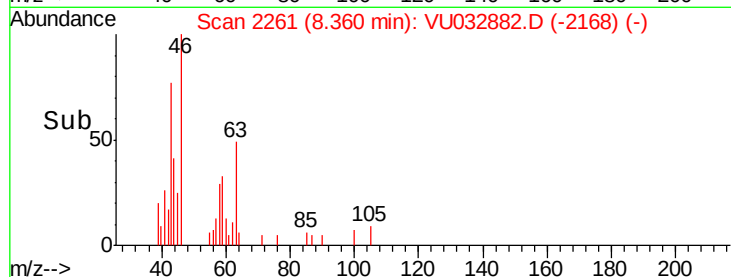
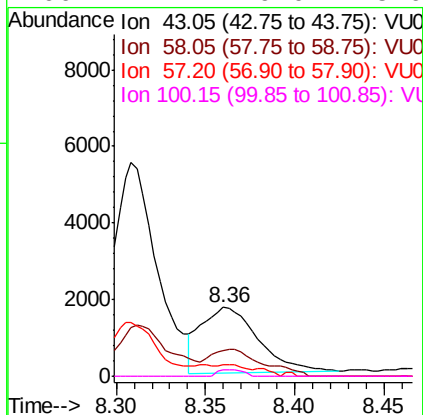
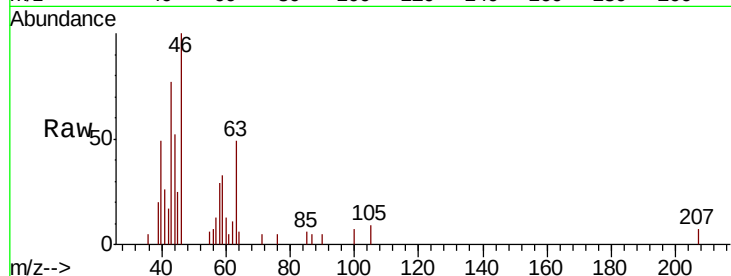




#48
 2-Hexanone
 Concen: 1.053 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VU032882.D
 Acq: 20 Jun 2019 00:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GALL9

Tgt Ion: 43 Resp: 3792
 Ion Ratio Lower Upper
 43 100
 58 38.2 41.9 62.9#
 57 11.0 15.1 22.7#
 100 4.4 9.0 13.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.361 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032882.D
 Acq: 20 Jun 2019 00:55

Tgt Ion: 75 Resp: 6332
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.3 37.9

