

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036834.D
 Acq On : 18 Feb 2020 14:26
 Operator : JC/MD
 Sample : L1540-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 04:56:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	106609	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	100562	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	41013	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34901	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.93	69	34381	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	47435	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.68	46	105886	55.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.14%
24) Chloroform-d	5.11	84	67390	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.74	65	40063	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.76	84	144914	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	47995	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.93	98	128605	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.21	79	16307	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.66	63	87905	51.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38287	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	42543	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

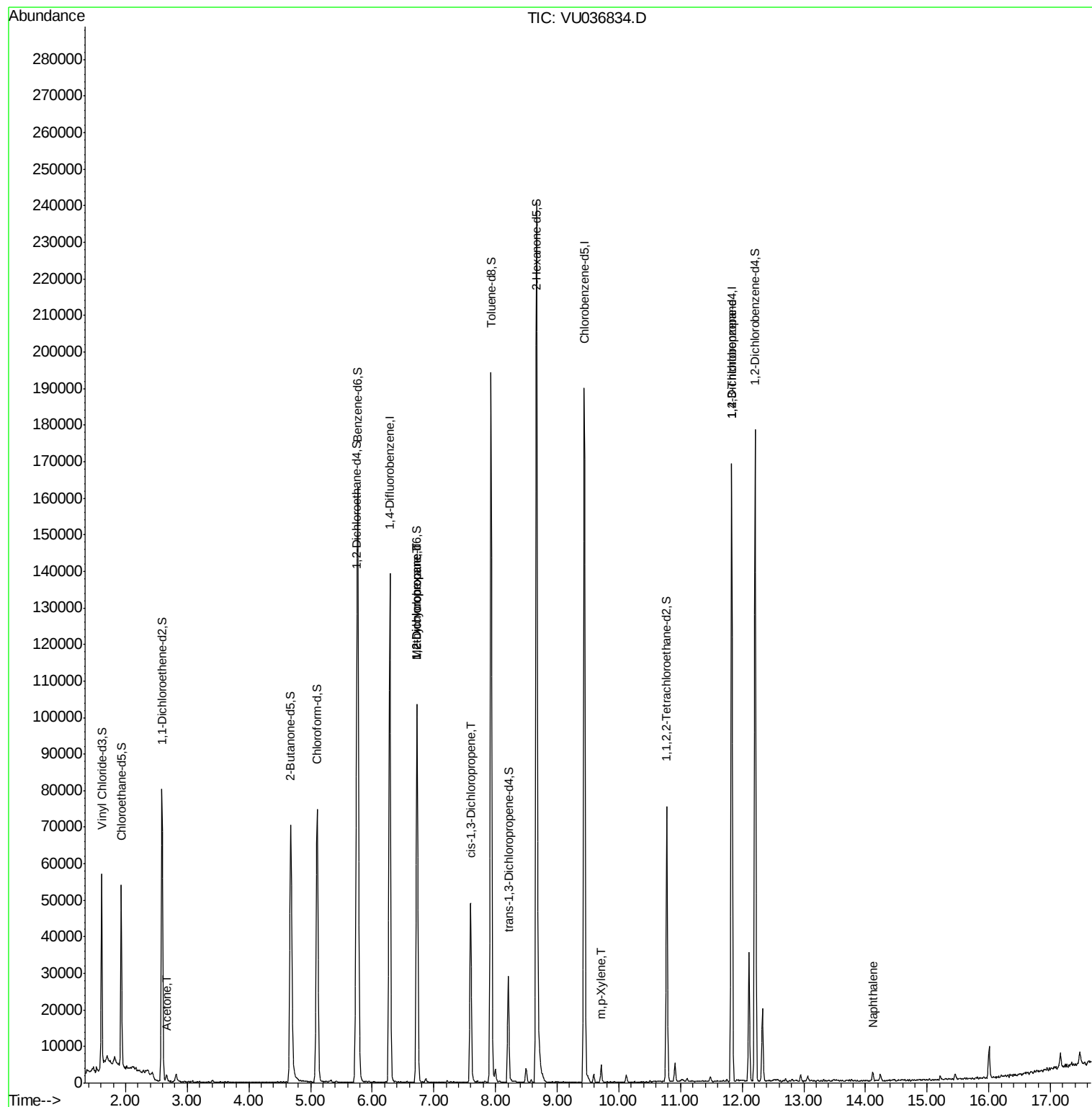
					Ovalue
13) Acetone	2.66	43	2484	1.010 ug/L	92
35) Methylcyclohexane	6.73	83	10672	0.851 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5042	0.595 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1195	0.098 ug/L #	53
53) m,p-Xylene	9.71	106	1435	0.105 ug/L #	56
59) 1,2,3-Trichloropropane	11.83	75	6151	1.100 ug/L	93
69) Naphthalene	14.12	128	2673	0.197 ug/L #	91

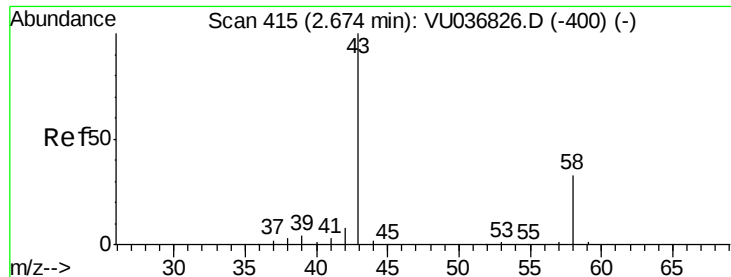
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 19 04:53:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.010 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036834.D

Acq: 18 Feb 2020 14:26

Instrument :

MSVOA_U

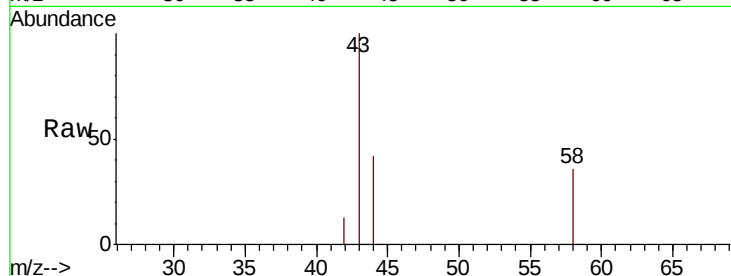
ClientSampleId :

Tot Ion: 43 Resp: 2484

Ion Ratio Lower Upper

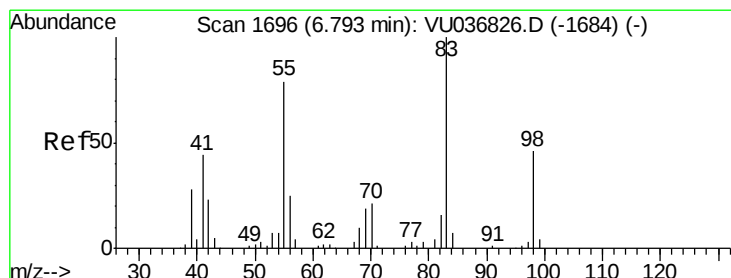
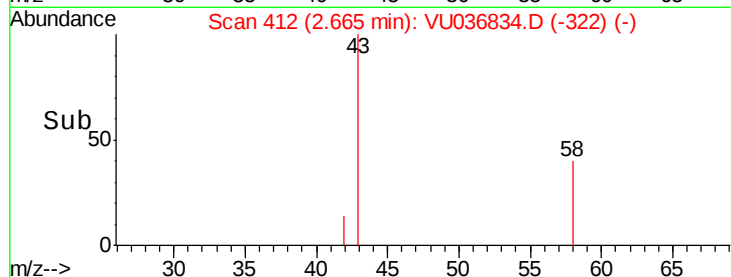
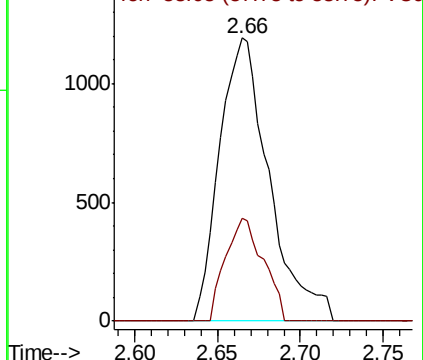
43 100

58 27.8 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036834.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036834.D (-322) (-)



#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036834.D

Acq: 18 Feb 2020 14:26

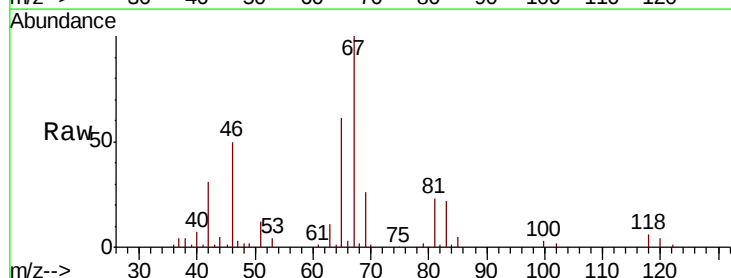
Tgt Ion: 83 Resp: 10672

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

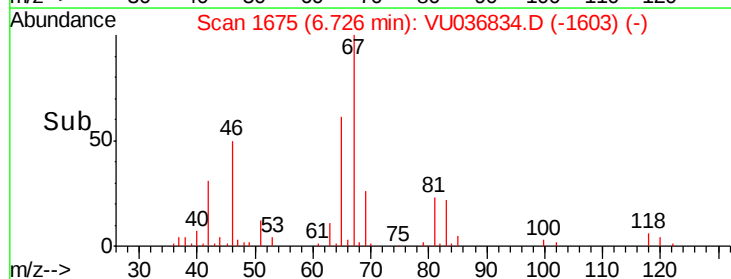
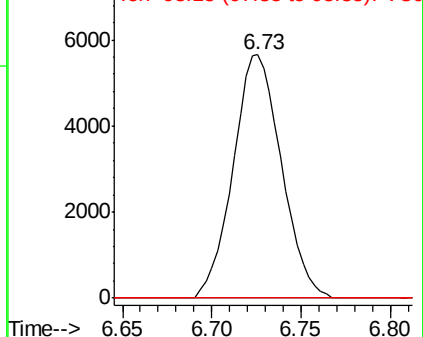
98 0.0 34.2 51.4#

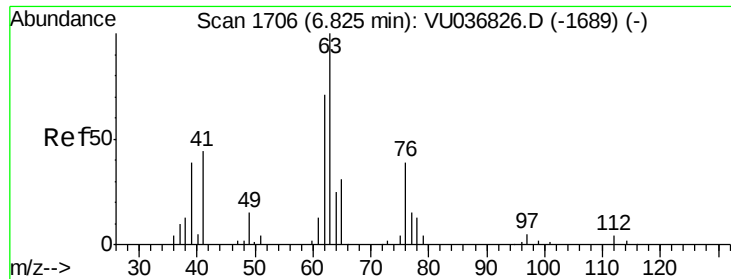


Abundance Ion 83.15 (82.85 to 83.85): VU036834.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU036834.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU036834.D (-1603) (-)

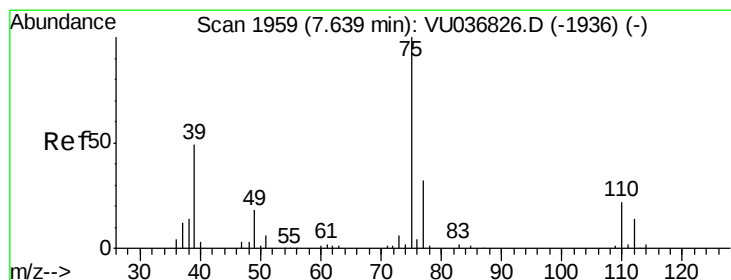
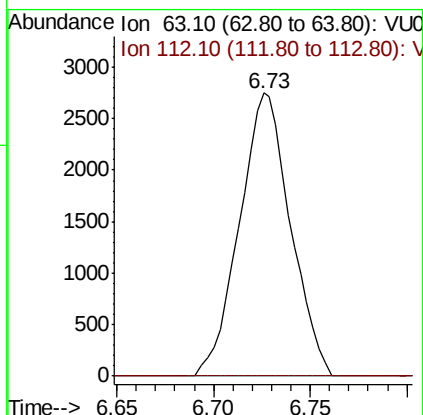
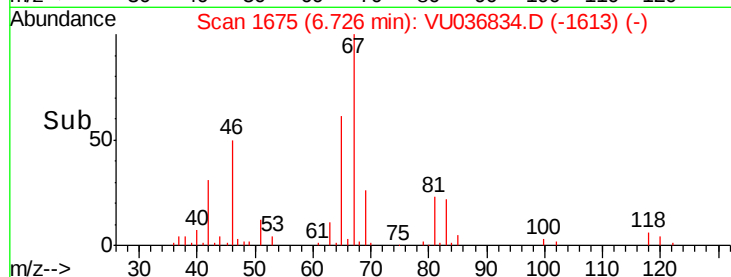
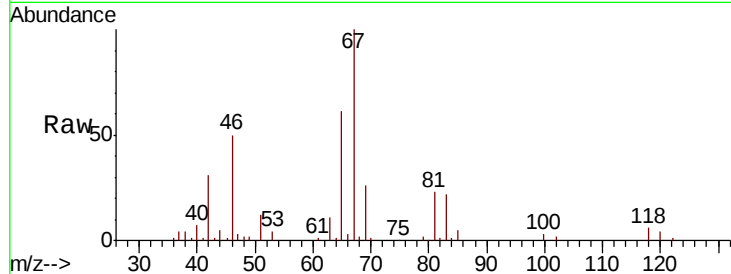




#37
 1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036834.D
 Acq: 18 Feb 2020 14:26

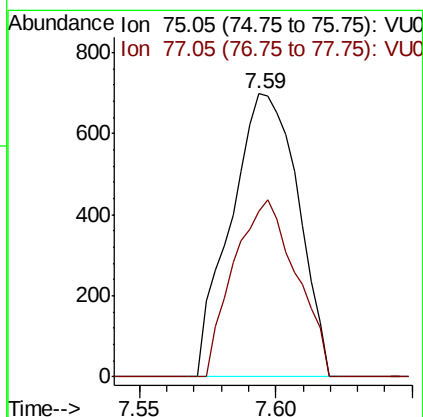
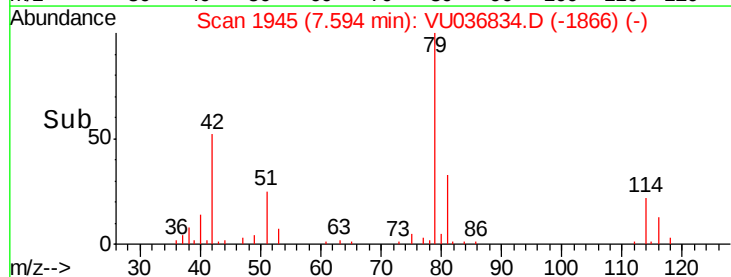
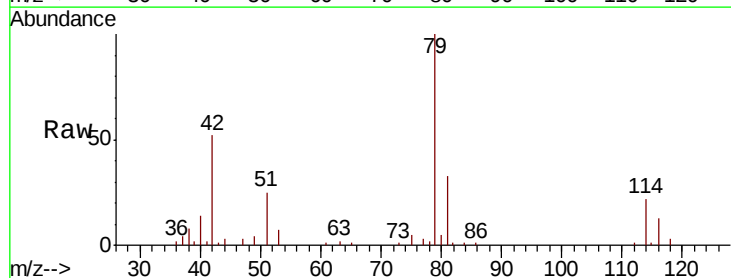
Instrument :
 MSVOA_U
 ClientSampleId :

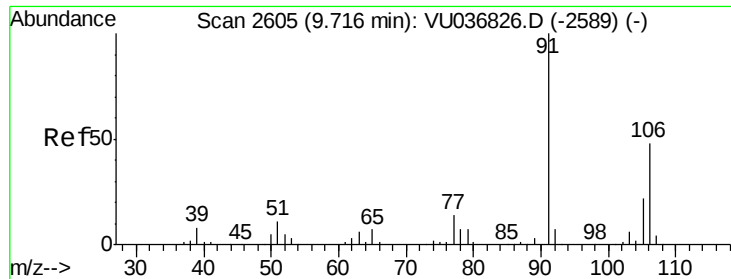
Tot Ion: 63 Resp: 5042
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.05 min
 Lab File: VU036834.D
 Acq: 18 Feb 2020 14:26

Tgt Ion: 75 Resp: 1195
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.5 41.9#





#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.01 min

Lab File: VU036834.D

Acq: 18 Feb 2020 14:26

Instrument :

MSVOA_U

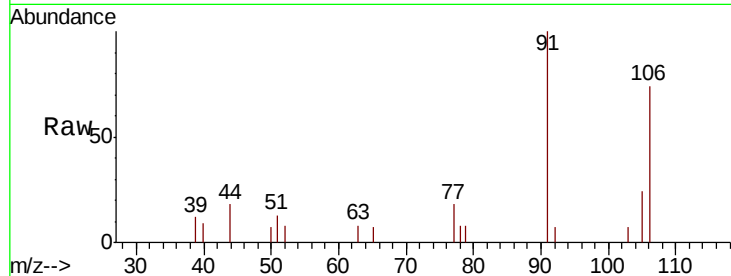
ClientSampleId :

Tot Ion:106 Resp: 1435

Ion Ratio Lower Upper

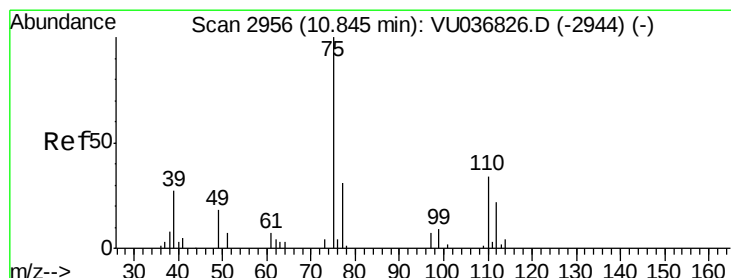
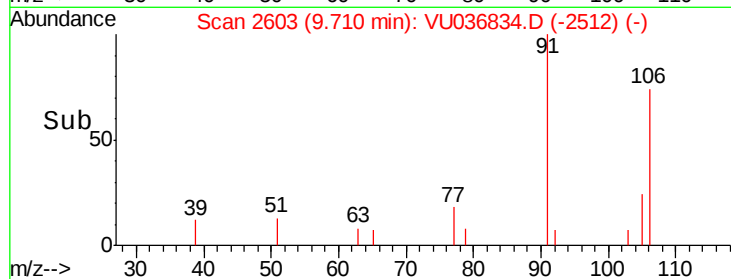
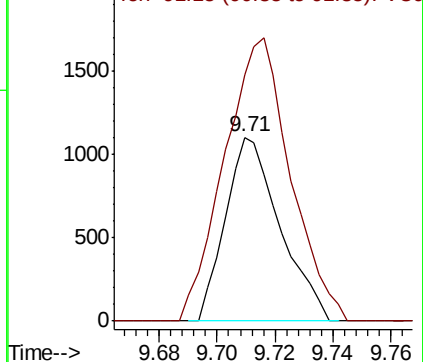
106 100

91 134.4 141.1 262.0#



Abundance Ion 106.15 (105.85 to 106.85): VU036834.D (-2512) (-)

Ion 91.15 (90.85 to 91.85): VU036834.D (-2512) (-)



#59

1,2,3-Trichloropropane

Concen: 1.100 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036834.D

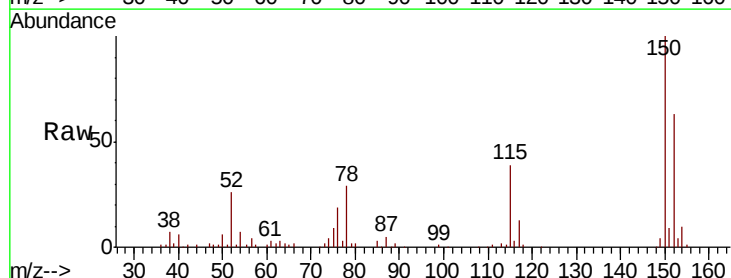
Acq: 18 Feb 2020 14:26

Tgt Ion: 75 Resp: 6151

Ion Ratio Lower Upper

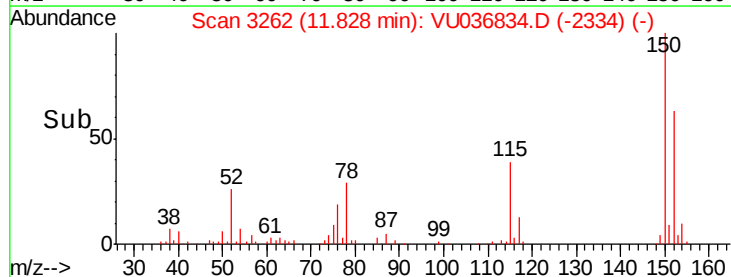
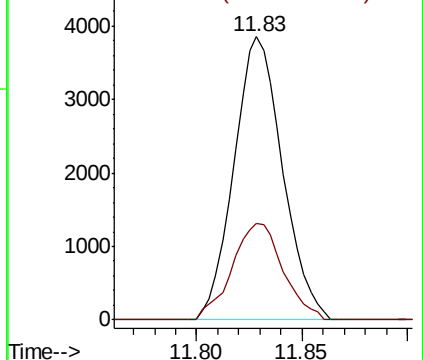
75 100

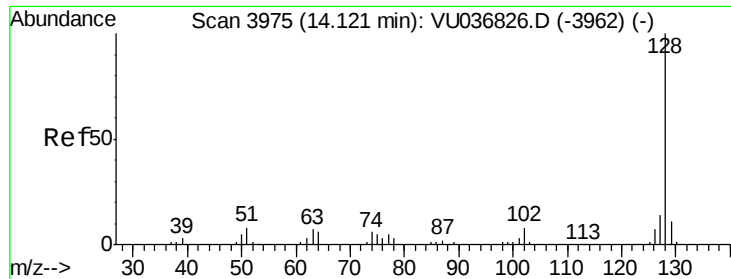
77 35.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036834.D (-2334) (-)

Ion 77.00 (76.70 to 77.70): VU036834.D (-2334) (-)





#69

Naphthalene

Concen: 0.197 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. -0.00 min

Lab File: VU036834.D

Acq: 18 Feb 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

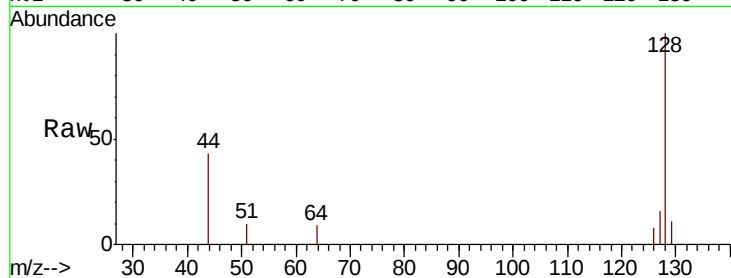
Tot Ion:128 Resp: 2673

Ion Ratio Lower Upper

128 100

129 6.5 9.0 13.4#

127 10.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

