

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010720\
 Data File : VU036396.D
 Acq On : 07 Jan 2020 16:27
 Operator : JC/MD
 Sample : L1042-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 08 03:58:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 03:56:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	449783	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	425425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	156224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	170430	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.26%
7) Chloroethane-d5	1.93	69	150017	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.48%
11) 1,1-Dichloroethene-d2	2.59	63	259577	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
21) 2-Butanone-d5	4.68	46	307430	117.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.79%
24) Chloroform-d	5.11	84	357373	58.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.84%
26) 1,2-Dichloroethane-d4	5.75	65	242324	59.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.50%
32) Benzene-d6	5.77	84	713466	60.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.48%
36) 1,2-Dichloropropane-d6	6.73	67	236588	59.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.12%
41) Toluene-d8	7.93	98	687057	60.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.86%#
43) trans-1,3-Dichloropropene-	8.21	79	122116	56.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.32%
47) 2-Hexanone-d5	8.67	63	227167	110.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.89%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	343602	57.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.06%
64) 1,2-Dichlorobenzene-d4	12.22	152	198077	60.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.88%#

Target Compounds

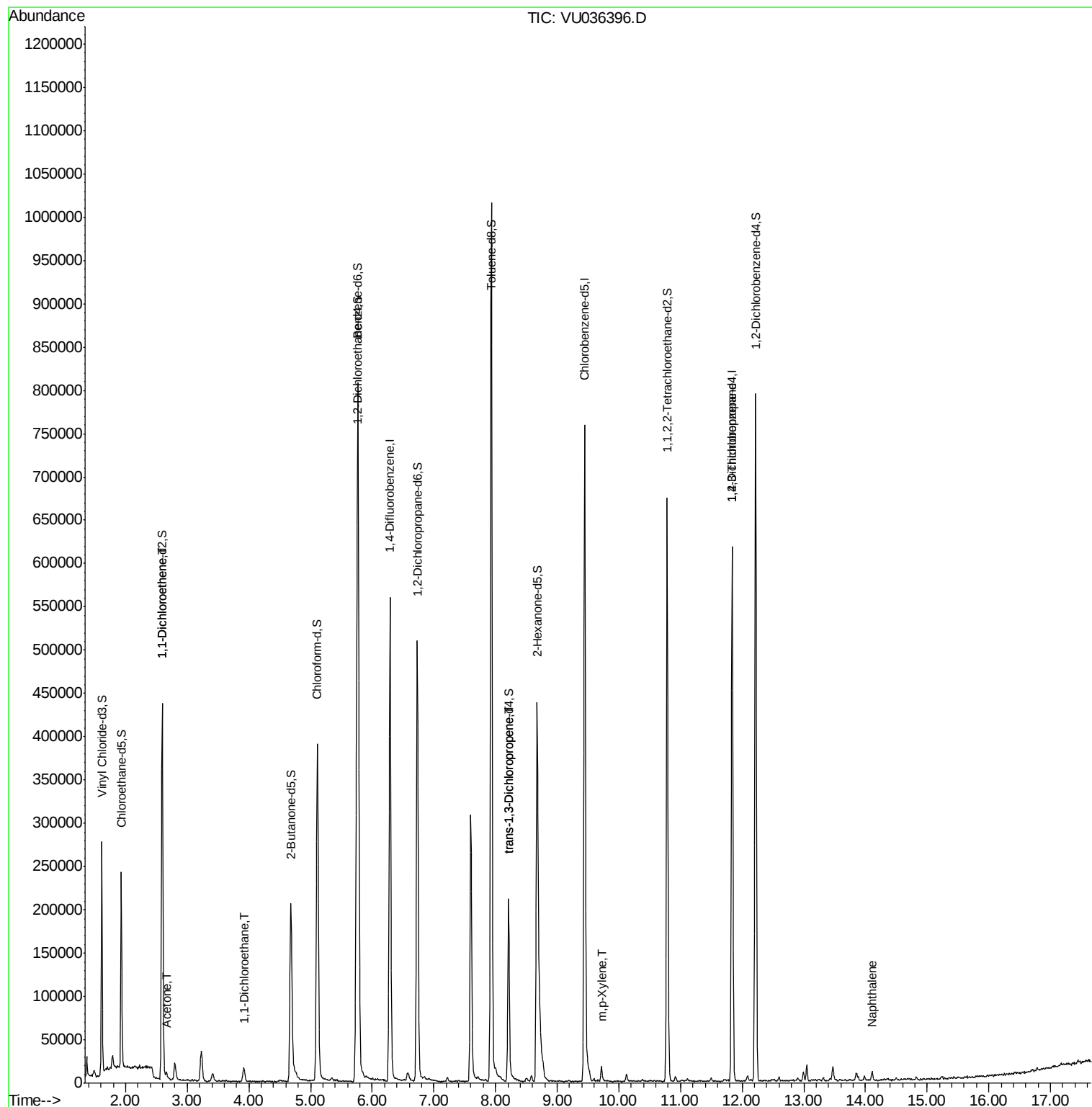
					Ovalue
12) 1,1-Dichloroethene	2.60	96	4684	1.800 ug/L #	1
13) Acetone	2.66	43	7234	2.672 ug/L	96
19) 1,1-Dichloroethane	3.92	63	17054	3.028 ug/L	89
44) trans-1,3-Dichloropropene	8.21	75	6776	1.284 ug/L #	80
53) m,p-Xylene	9.72	106	4888	0.841 ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	23246	4.896 ug/L	91
69) Naphthalene	14.11	128	7879	0.902 ug/L	95

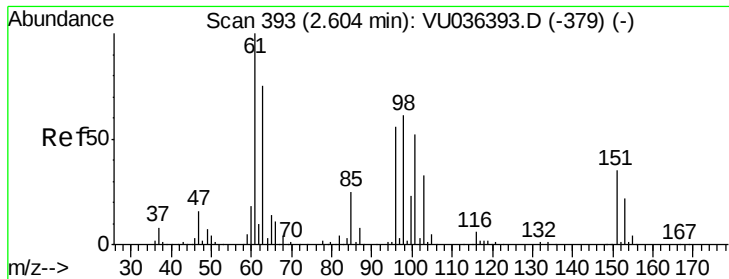
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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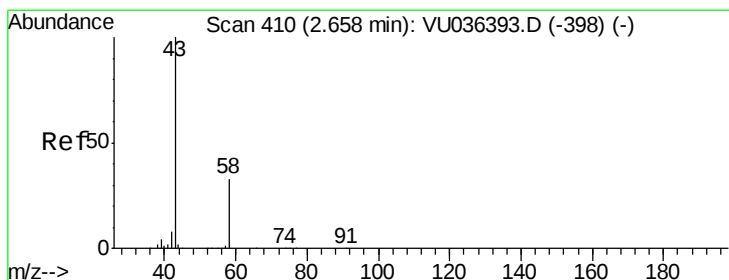
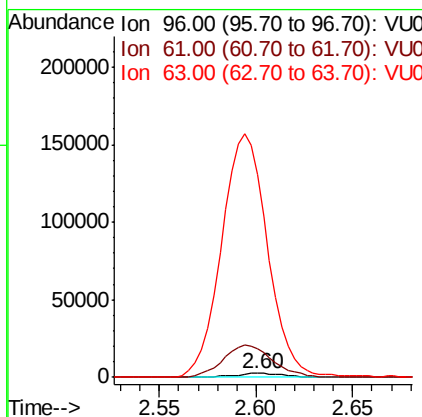
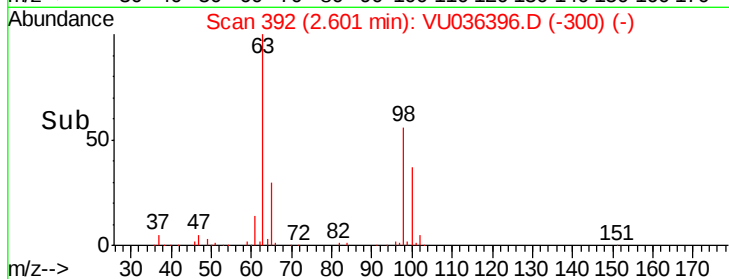
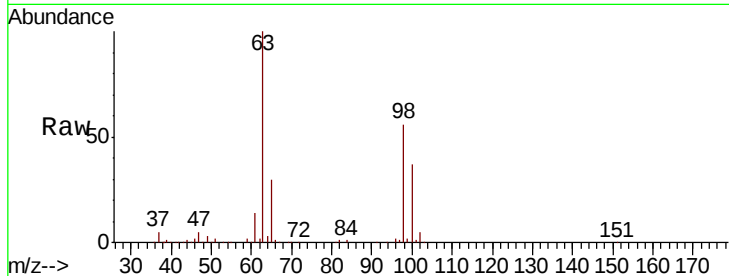




#12
 1,1-Dichloroethene
 Concen: 1.800 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: VU036396.D
 Acq: 07 Jan 2020 16:27

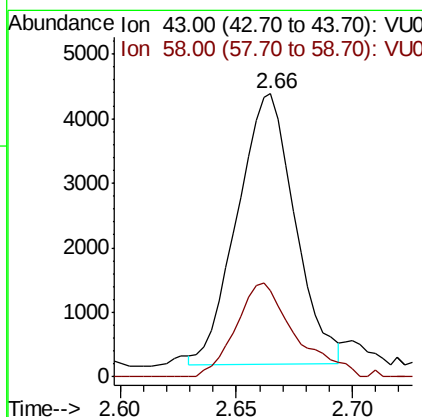
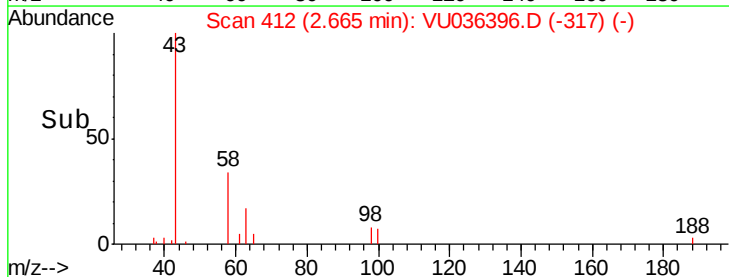
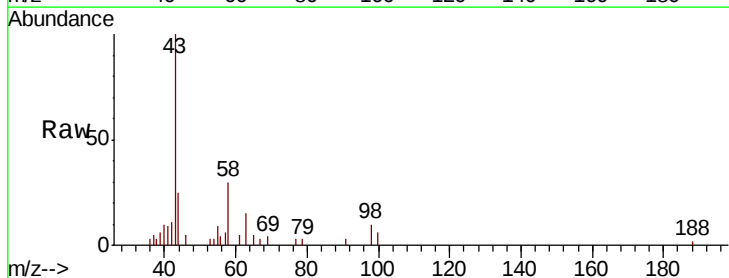
Instrument :
 MSVOA_U
 ClientSampleId :

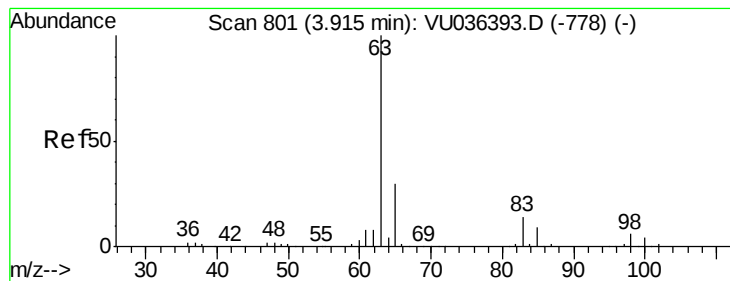
Tot Ion: 96 Resp: 4684
 Ion Ratio Lower Upper
 96 100
 61 702.7 120.9 224.5#
 63 5046.9 81.8 152.0#



#13
 Acetone
 Concen: 2.672 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: VU036396.D
 Acq: 07 Jan 2020 16:27

Tgt Ion: 43 Resp: 7234
 Ion Ratio Lower Upper
 43 100
 58 35.5 0.0 66.2





#19

1,1-Dichloroethane

Concen: 3.028 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036396.D

Acq: 07 Jan 2020 16:27

Instrument :

MSVOA_U

ClientSampled :

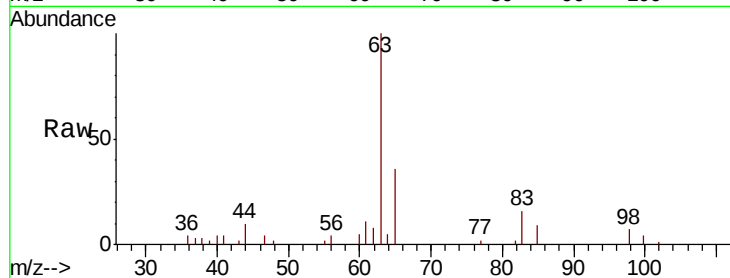
Tot Ion: 63 Resp: 17054

Ion Ratio Lower Upper

63 100

65 35.9 20.0 37.2

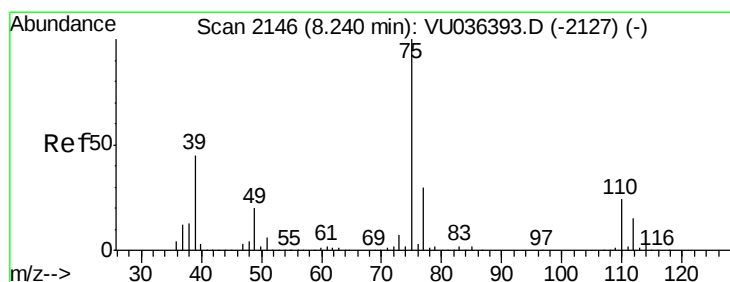
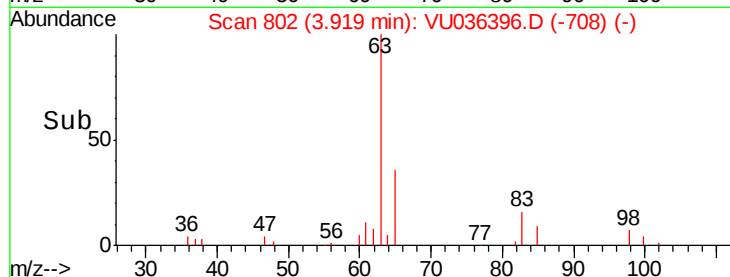
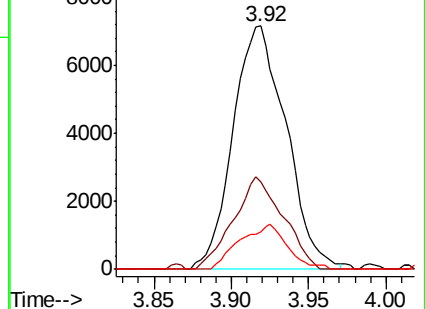
83 15.5 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VU036396.D (-778) (-)

Ion 65.00 (64.70 to 65.70): VU036396.D (-778) (-)

Ion 83.00 (82.70 to 83.70): VU036396.D (-778) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.284 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.03 min

Lab File: VU036396.D

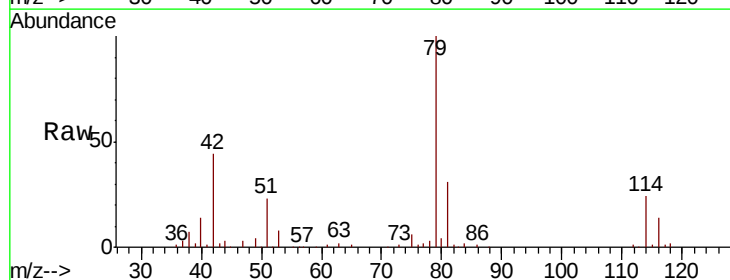
Acq: 07 Jan 2020 16:27

Tgt Ion: 75 Resp: 6776

Ion Ratio Lower Upper

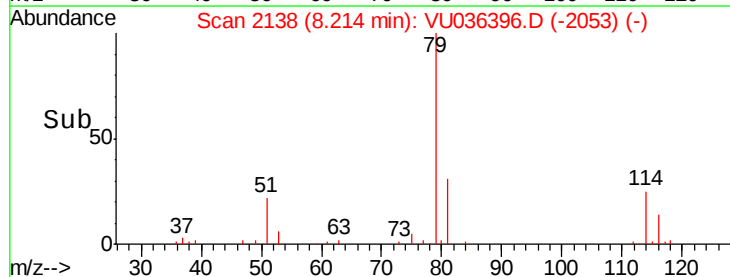
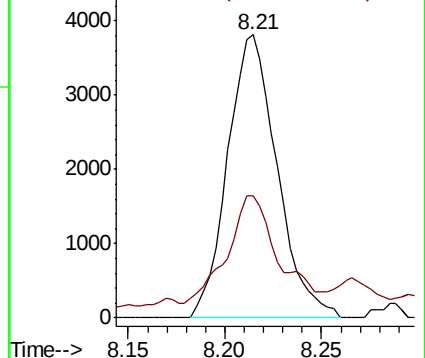
75 100

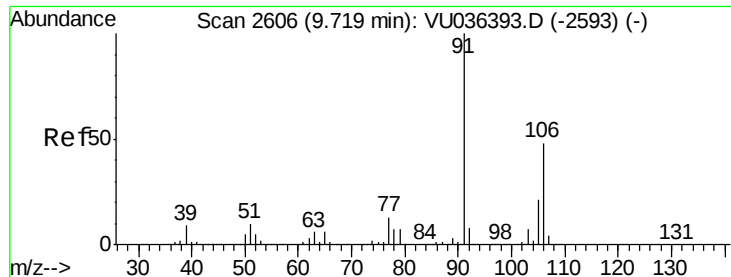
77 43.2 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU036396.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036396.D (-2127) (-)

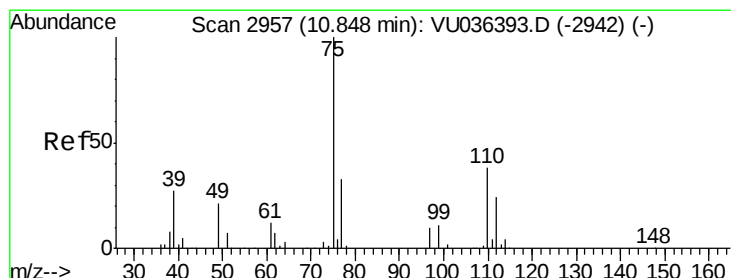
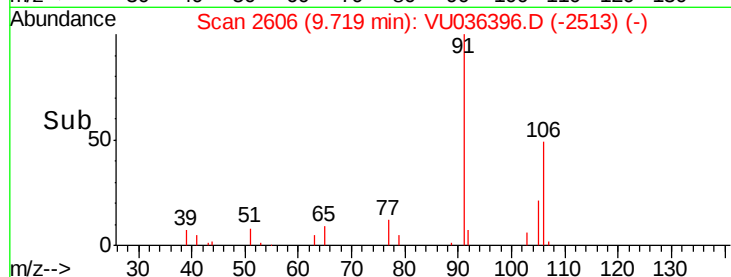
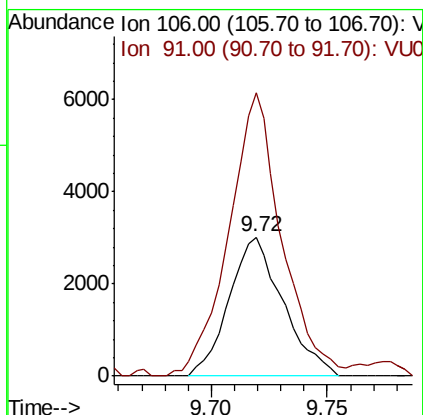
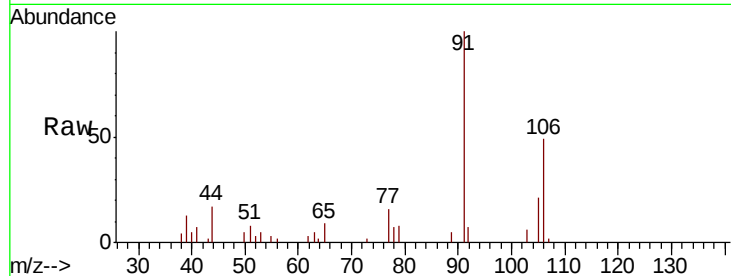




#53
 m,p-Xylene
 Concen: 0.841 ug/L
 RT: 9.72 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VU036396.D
 Acq: 07 Jan 2020 16:27

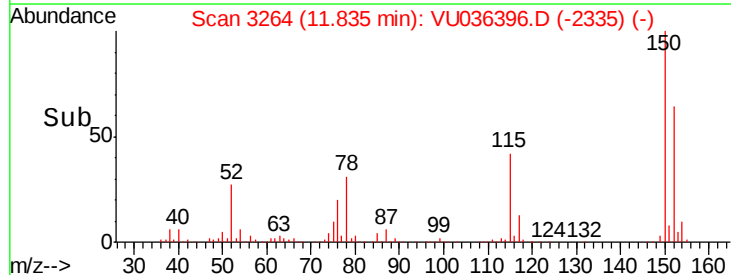
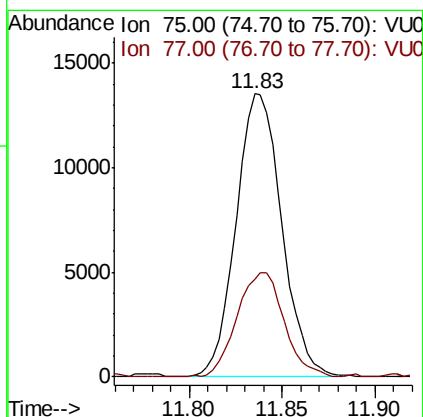
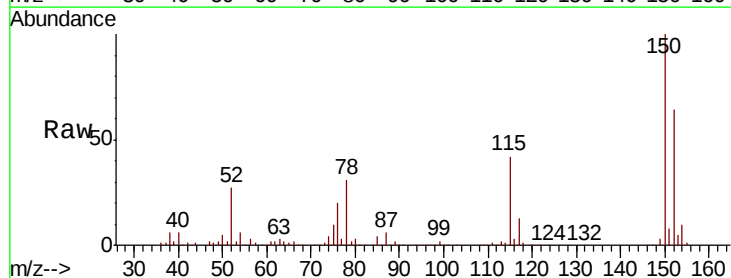
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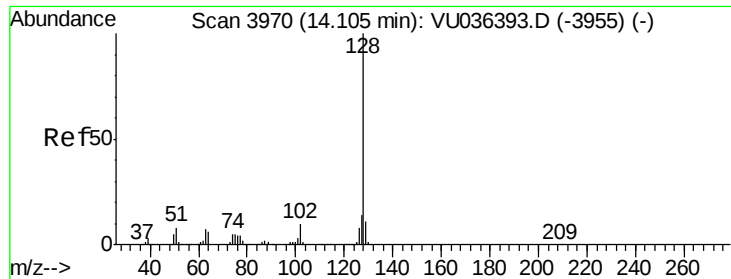
Tot Ion:106 Resp: 4888
 Ion Ratio Lower Upper
 106 100
 91 203.3 146.8 272.6



#59
 1,2,3-Trichloropropane
 Concen: 4.896 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036396.D
 Acq: 07 Jan 2020 16:27

Tgt Ion: 75 Resp: 23246
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.3 39.5





#69

Naphthalene

Concen: 0.902 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. 0.00 min

Lab File: VU036396.D

Acq: 07 Jan 2020 16:27

Instrument :

MSVOA_U

ClientSampleId :

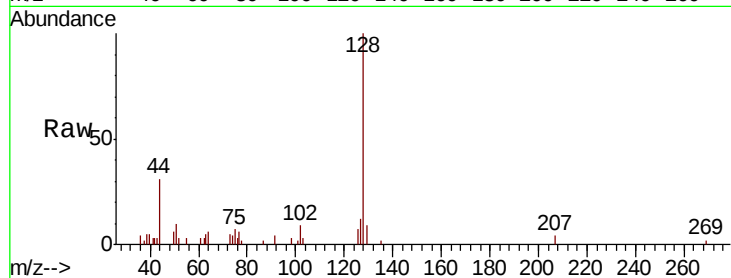
Tot Ion:128 Resp: 7879

Ion Ratio Lower Upper

128 100

127 10.8 10.5 15.7

129 12.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

