

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038856.D
 Acq On : 12 Jun 2020 17:04
 Operator : SY/MD
 Sample : L2990-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YG0

Quant Time: Jun 13 02:04:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306324	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	301266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	158544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90893	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.93	69	73508	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.59	63	140477	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.67	46	290869	55.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	5.10	84	175727	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.74	65	104964	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	363191	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.72	67	111006	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	304784	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	45142	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.65	63	248461	59.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91084	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	129510	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

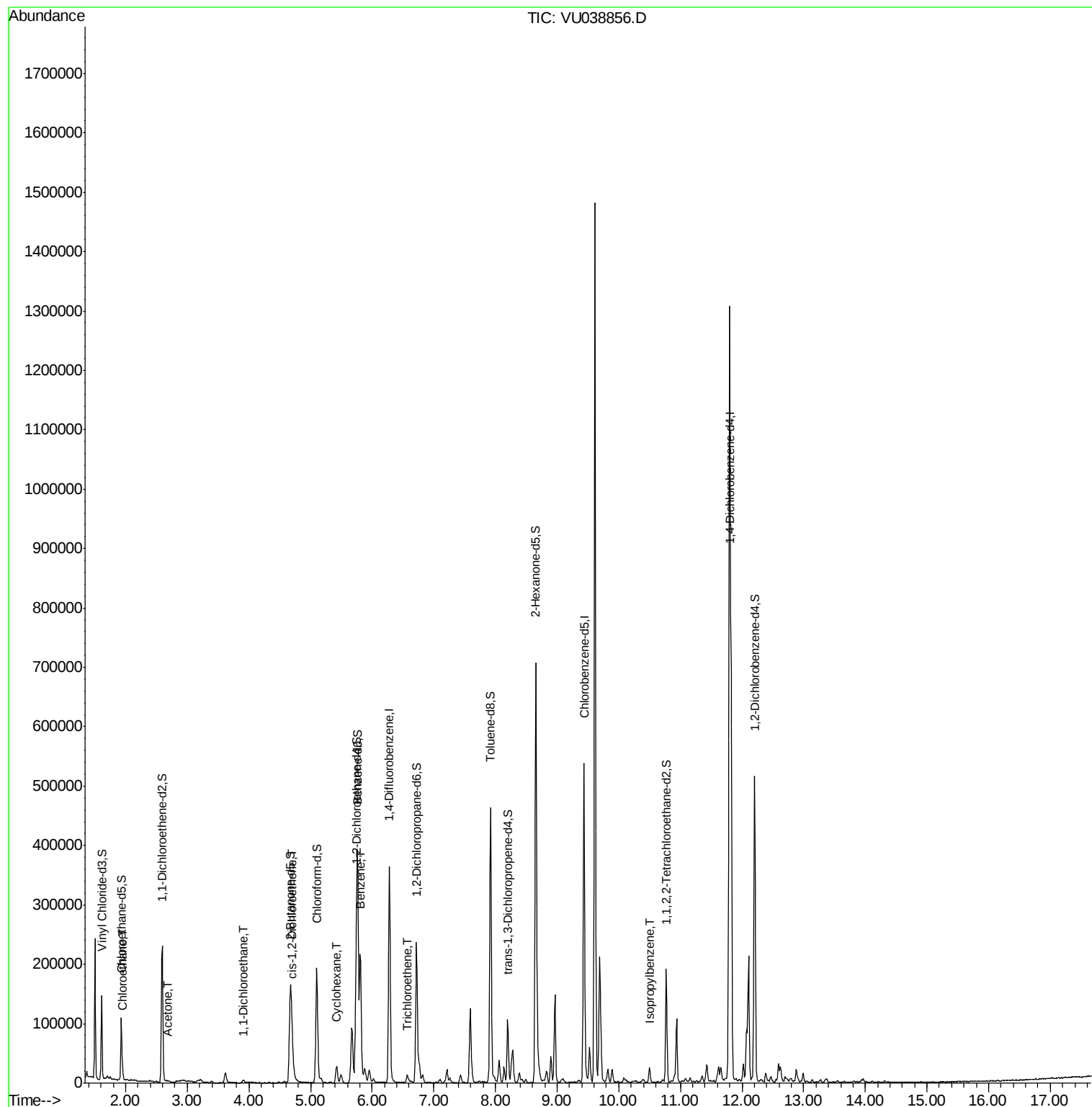
					Ovalue
8) Chloroethane	1.95	64	7145	0.442 ug/L	94
13) Acetone	2.68	43	5591	1.315 ug/L	77
19) 1,1-Dichloroethane	3.91	63	4581	0.110 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	6753	0.281 ug/L	99
30) Cyclohexane	5.42	56	12744	0.354 ug/L	99
33) Benzene	5.81	78	184910	2.031 ug/L	100
34) Trichloroethene	6.57	95	3449	0.145 ug/L	87
56) Isopropylbenzene	10.50	105	14892	0.145 ug/L	99

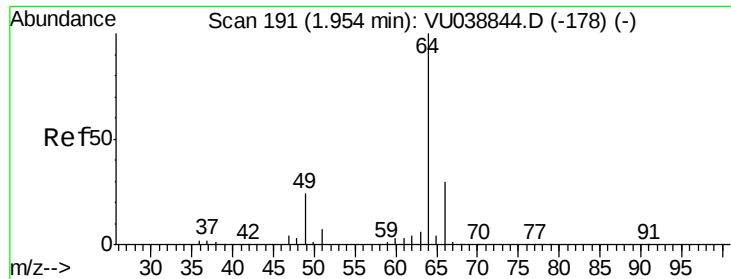
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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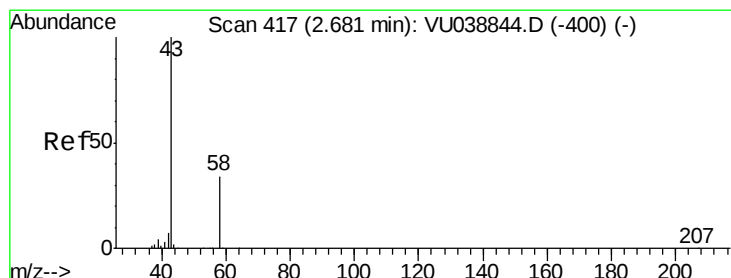
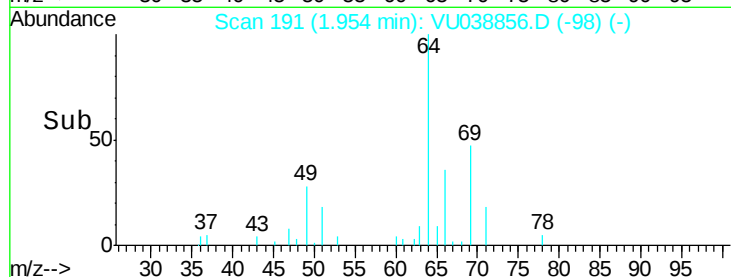
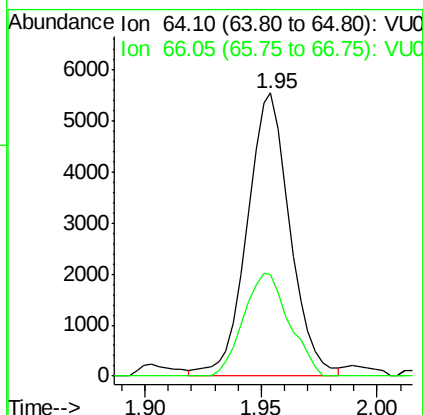
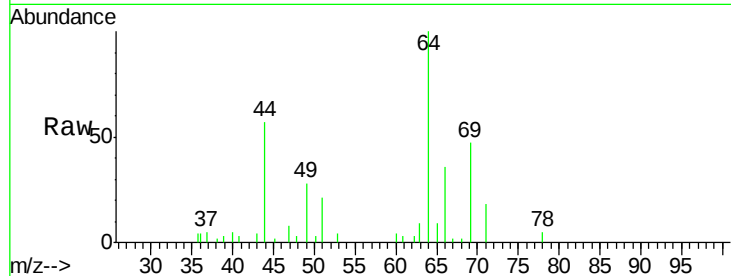




#8
Chloroethane
Concen: 0.442 ug/L
RT: 1.95 min Scan# 191
Delta R.T. -0.00 min
Lab File: VU038856.D
Acq: 12 Jun 2020 17:04

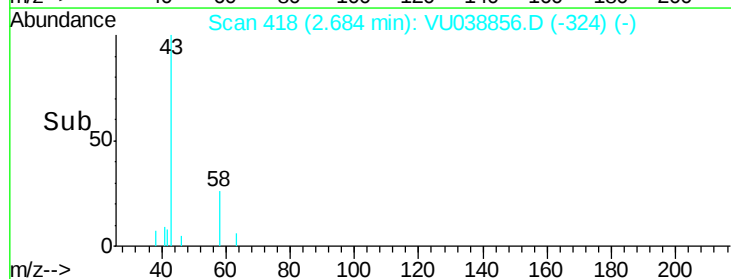
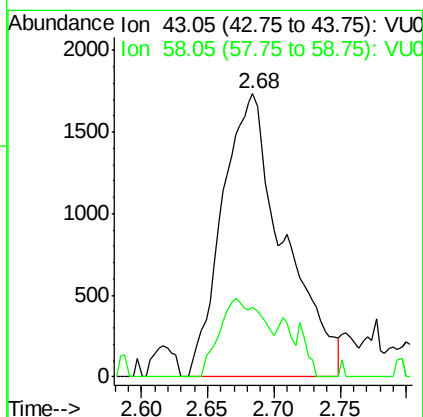
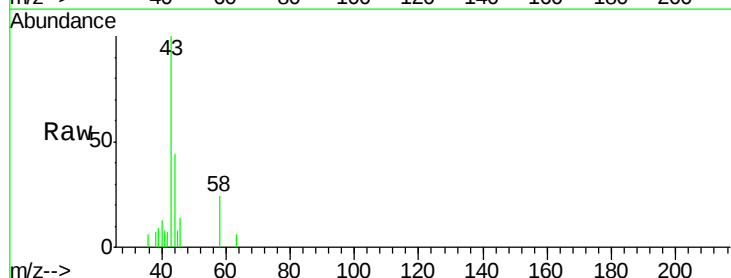
Instrument :
MSVOA_U
ClientSampleId :
E3YG0

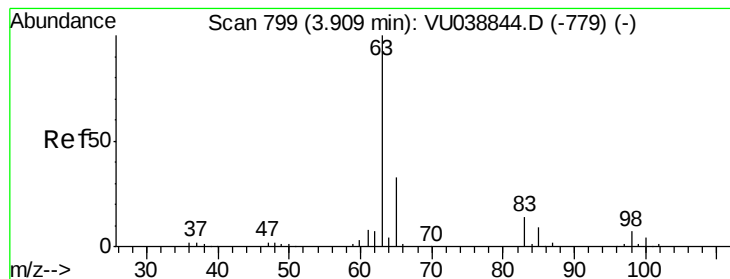
Tot Ion: 64 Resp: 7145
Ion Ratio Lower Upper
64 100
66 36.1 22.9 42.5



#13
Acetone
Concen: 1.315 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.00 min
Lab File: VU038856.D
Acq: 12 Jun 2020 17:04

Tgt Ion: 43 Resp: 5591
Ion Ratio Lower Upper
43 100
58 20.0 0.0 66.0





#19

1,1-Dichloroethane

Concen: 0.110 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU038856.D

Acq: 12 Jun 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

E3YG0

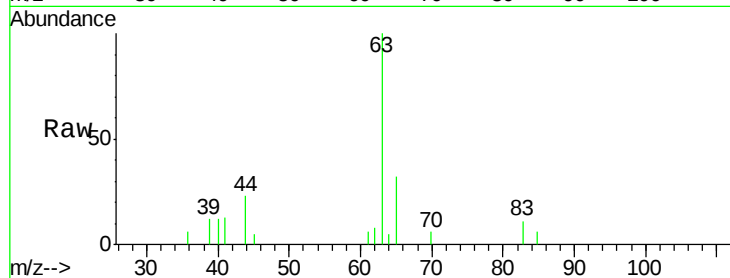
Tot Ion: 63 Resp: 4581

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

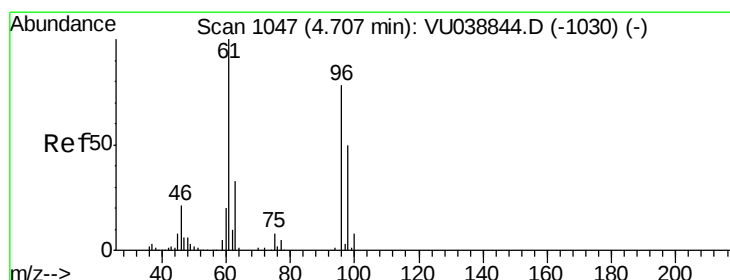
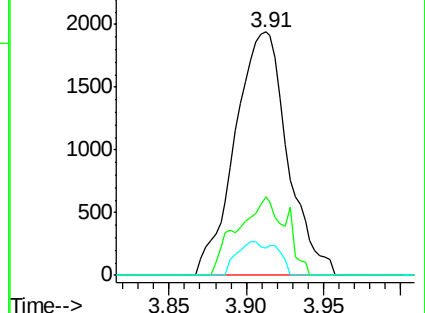
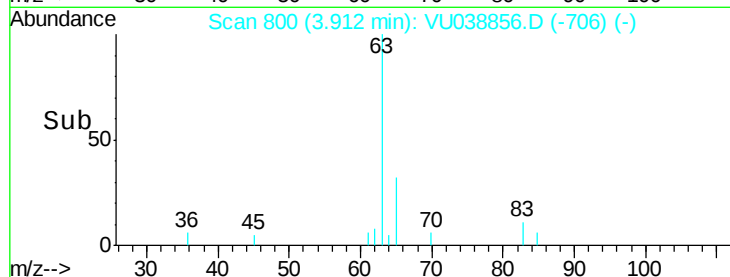
83 11.1 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VU038856.D (-706) (-)

Ion 65.10 (64.80 to 65.80): VU038856.D (-706) (-)

Ion 83.05 (82.75 to 83.75): VU038856.D (-706) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.281 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038856.D

Acq: 12 Jun 2020 17:04

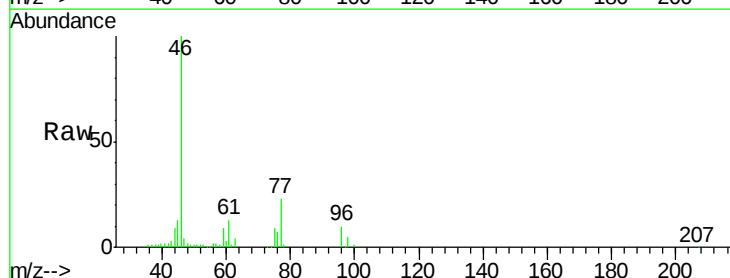
Tgt Ion: 96 Resp: 6753

Ion Ratio Lower Upper

96 100

61 127.4 89.7 166.7

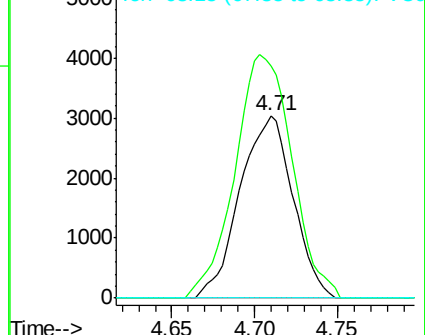
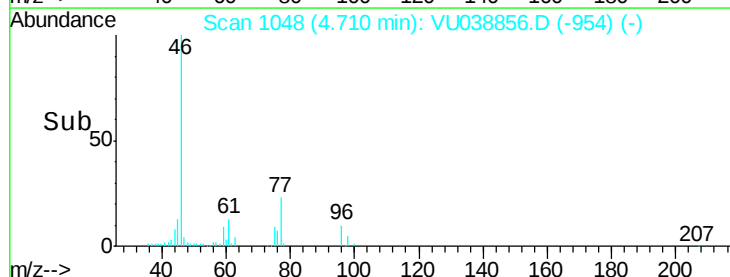
68 0.0 0.0 0.0

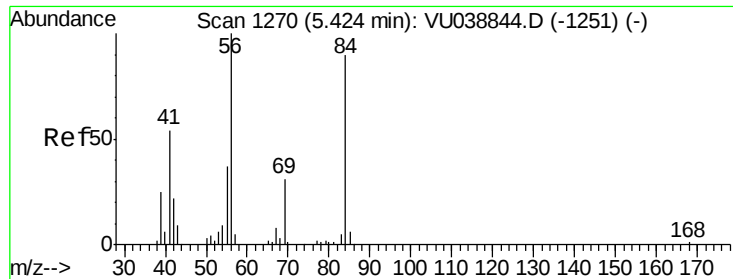


Abundance Ion 96.00 (95.70 to 96.70): VU038856.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038856.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038856.D (-954) (-)

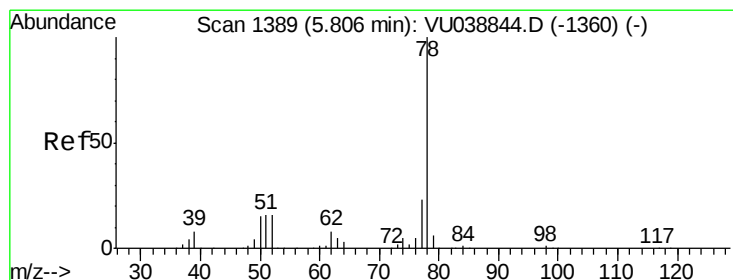
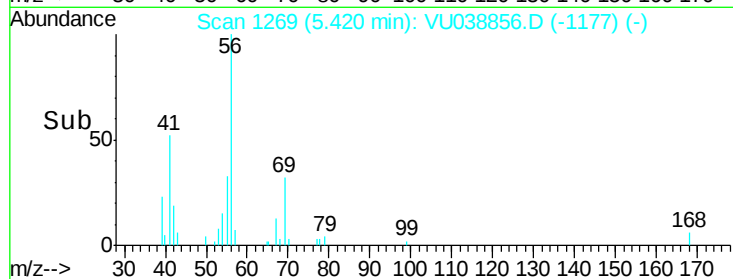
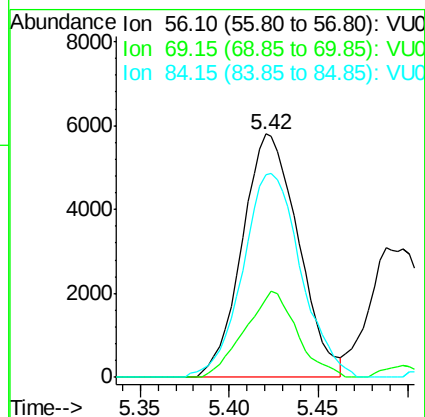
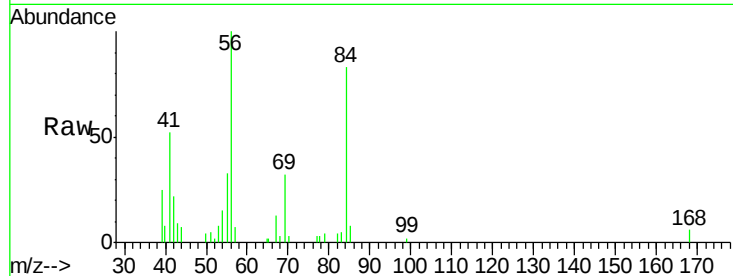




#30
Cyclohexane
Concen: 0.354 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038856.D
Acq: 12 Jun 2020 17:04

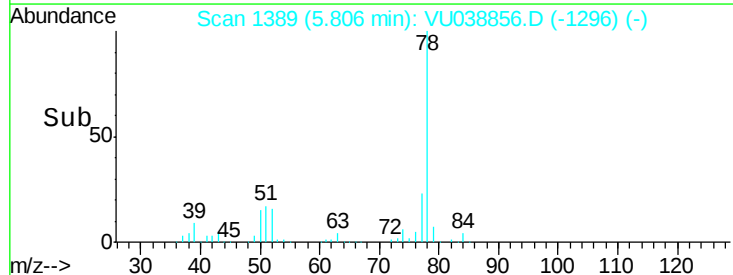
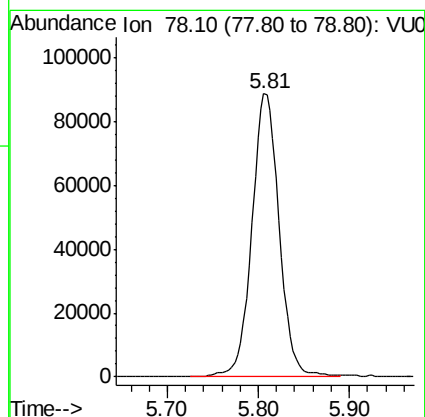
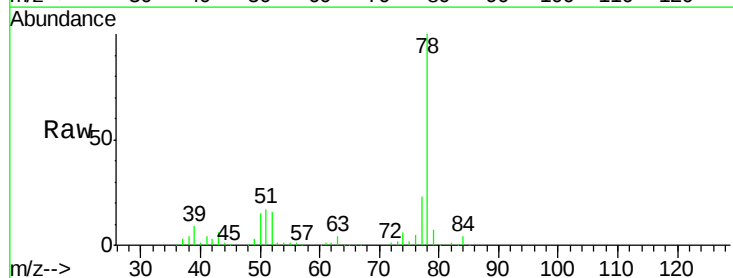
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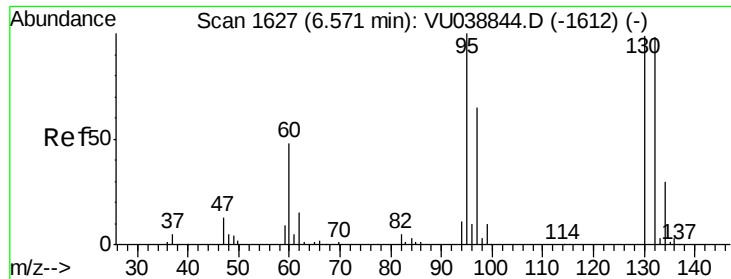
Tot Ion: 56 Resp: 12744
Ion Ratio Lower Upper
56 100
69 33.2 25.1 37.7
84 86.8 69.5 104.3



#33
Benzene
Concen: 2.031 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038856.D
Acq: 12 Jun 2020 17:04

Tgt Ion: 78 Resp: 184910

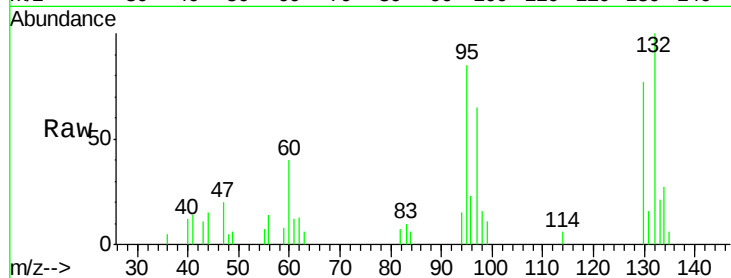




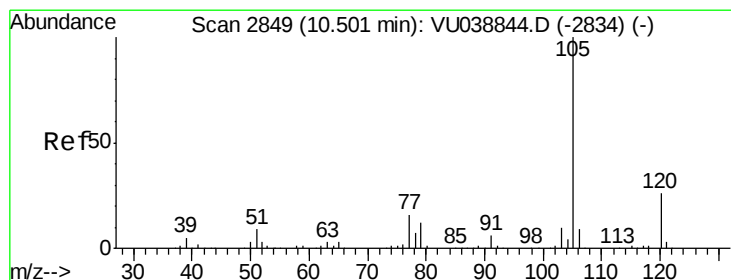
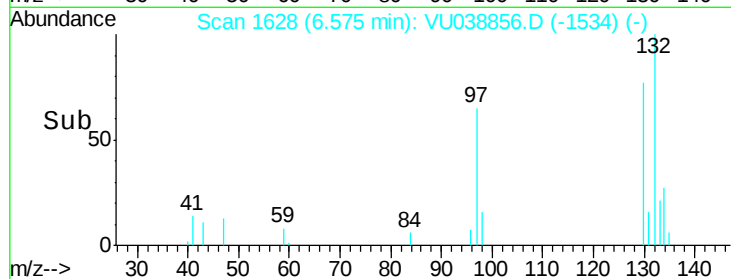
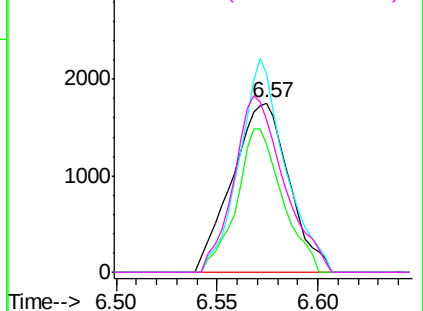
#34
 Trichloroethene
 Concen: 0.145 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU038856.D
 Acq: 12 Jun 2020 17:04

Instrument :
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Tot Ion: 95 Resp: 3449
 Ion Ratio Lower Upper
 95 100
 97 75.8 46.1 85.5
 132 117.4 67.5 125.3
 130 90.1 66.7 123.9

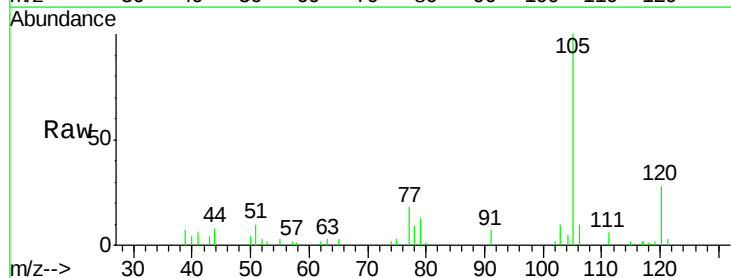


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#56
 Isopropylbenzene
 Concen: 0.145 ug/L
 RT: 10.50 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: VU038856.D
 Acq: 12 Jun 2020 17:04

Tgt Ion: 105 Resp: 14892
 Ion Ratio Lower Upper
 105 100
 120 25.7 20.6 30.8
 77 17.6 12.8 19.2



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.10 (119.80 to 120.80): V
 Ion 77.10 (76.80 to 77.80): VU0

