

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038580.D
 Acq On : 05 Jun 2020 18:02
 Operator : SY/MD
 Sample : L2860-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D67

Quant Time: Jun 06 00:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	290973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	290648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64197	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.93	69	60305	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.59	63	108547	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.67	46	302360	52.85	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.70%
24) Chloroform-d	5.10	84	167284	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	99924	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	323655	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	102058	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.92	98	271293	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.20	79	37436	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.65	63	245253	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92996	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	115857	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

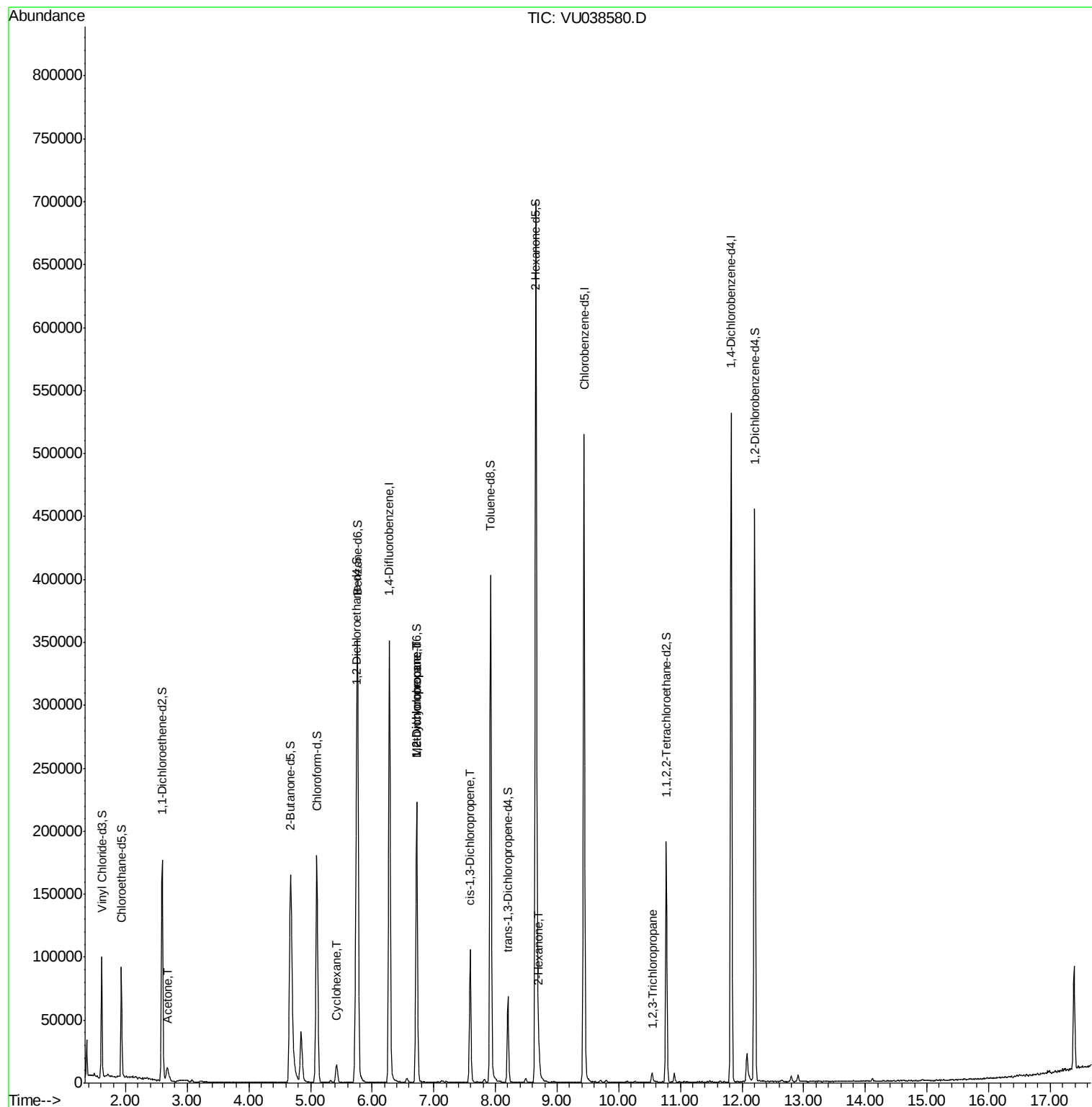
					Ovalue
13) Acetone	2.68	43	20207	5.397 ug/L	96
30) Cyclohexane	5.42	56	6816	0.211 ug/L	95
35) Methylcyclohexane	6.72	83	24379	0.749 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11239	0.551 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2458	0.082 ug/L #	36
48) 2-Hexanone	8.71	43	11547	1.045 ug/L	97
59) 1,2,3-Trichloropropane	10.54	75	4475	0.294 ug/L #	43

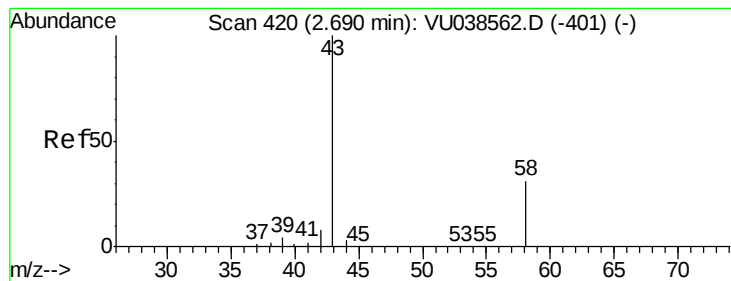
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 00:12:39 2020
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#13

Acetone

Concen: 5.397 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU038580.D

Acq: 05 Jun 2020 18:02

Instrument :

MSVOA_U

ClientSampleId :

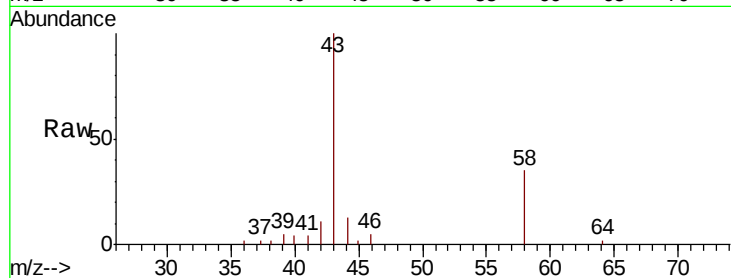
F9D67

Tot Ion: 43 Resp: 20207

Ion Ratio Lower Upper

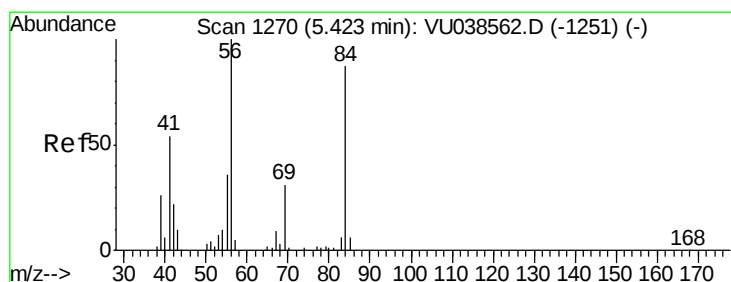
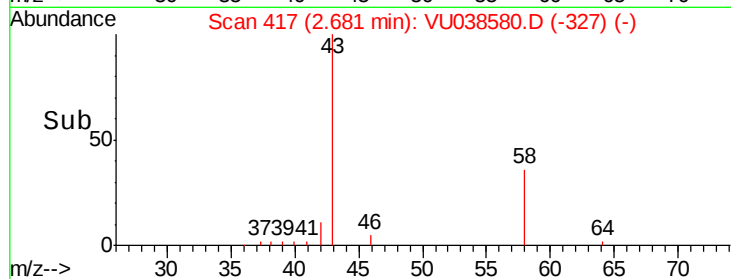
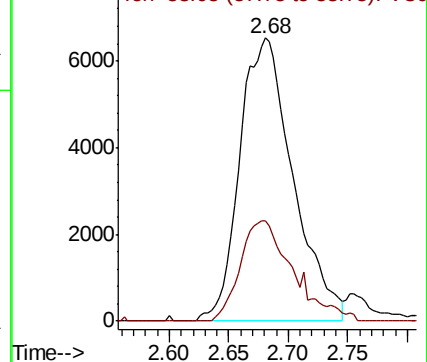
43 100

58 35.2 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#30

Cyclohexane

Concen: 0.211 ug/L

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU038580.D

Acq: 05 Jun 2020 18:02

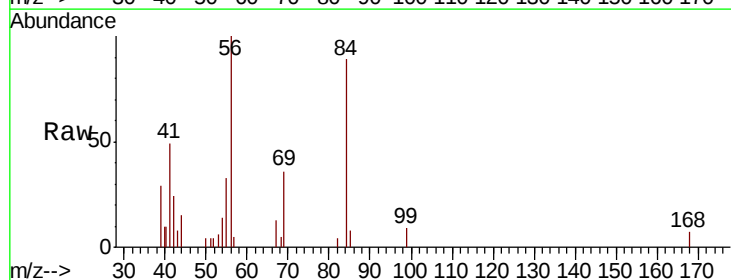
Tgt Ion: 56 Resp: 6816

Ion Ratio Lower Upper

56 100

69 33.2 24.2 36.4

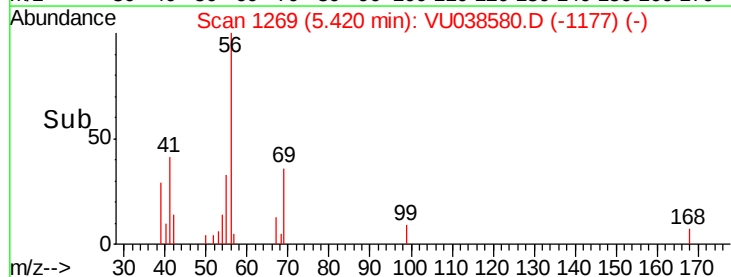
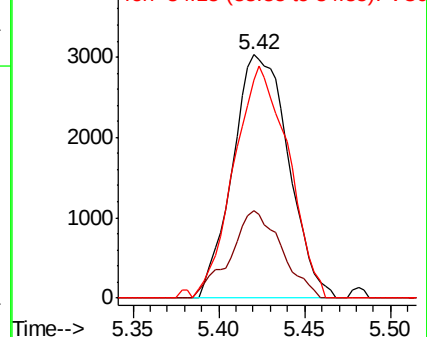
84 93.3 70.8 106.2

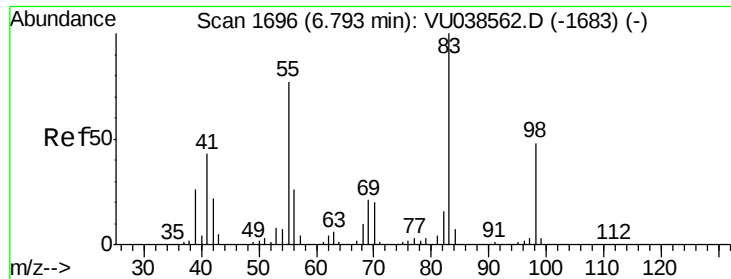


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

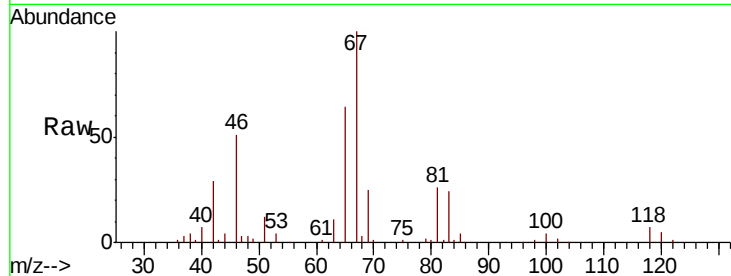




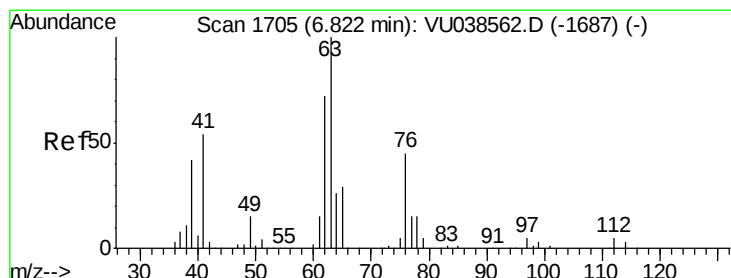
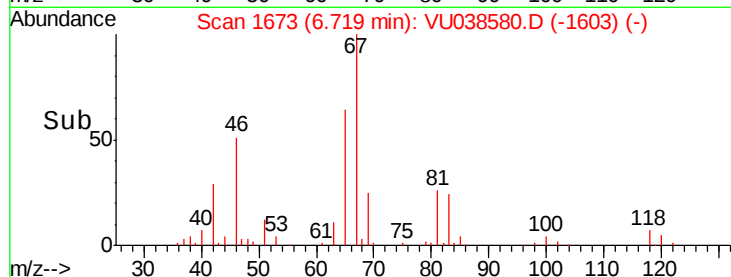
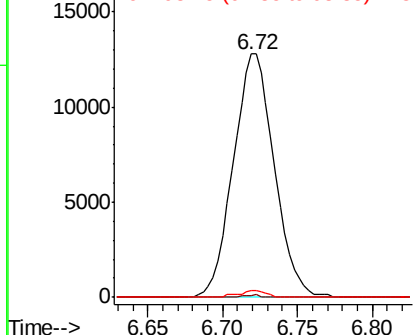
#35
Methvlcvclohexane
Concen: 0.749 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038580.D
Acq: 05 Jun 2020 18:02

Instrument :
MSVOA_U
ClientSampleId :
F9D67

Tot Ion: 83 Resp: 24379
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.8 39.0 58.4#

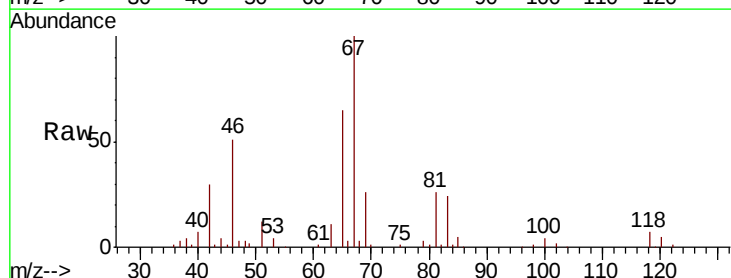


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

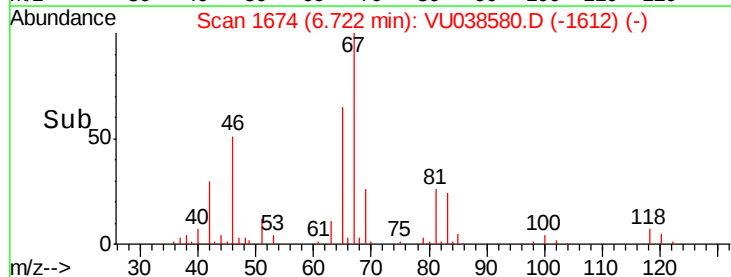
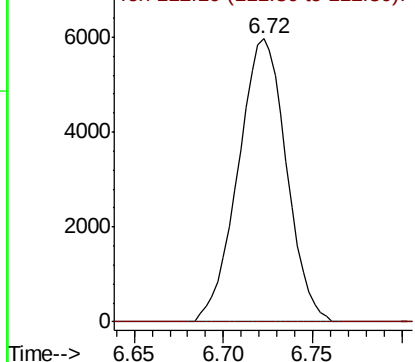


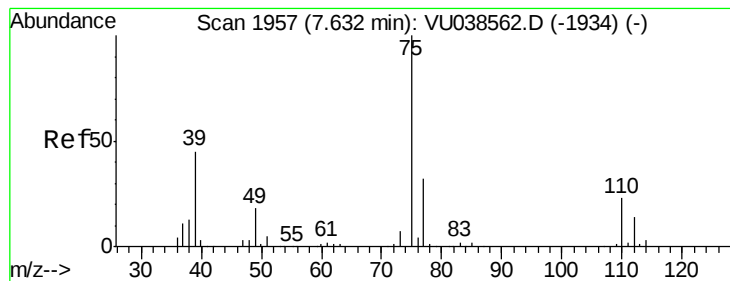
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038580.D
Acq: 05 Jun 2020 18:02

Tgt Ion: 63 Resp: 11239
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



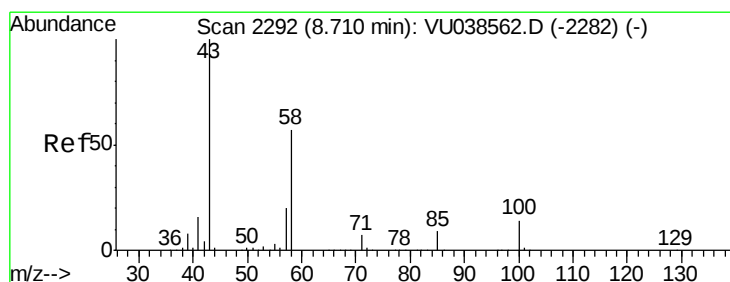
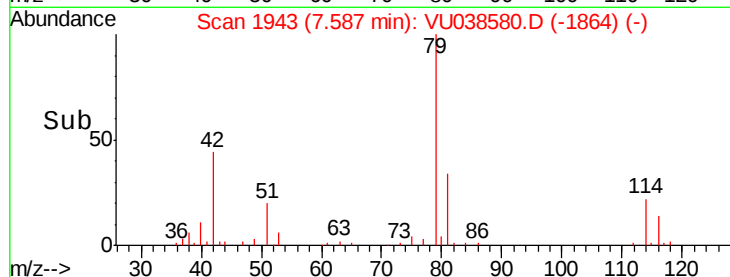
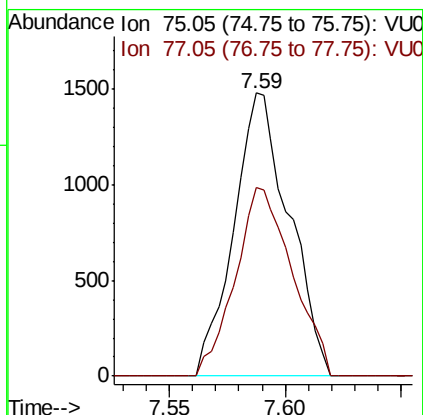
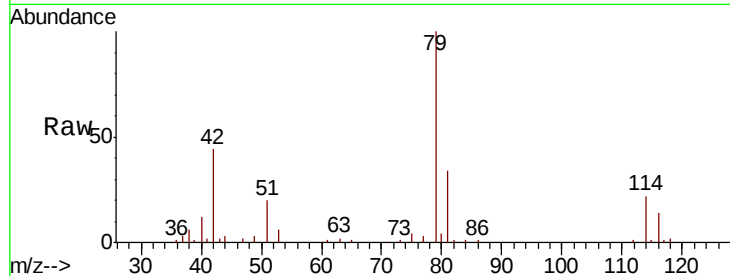


#39

cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038580.D
Acq: 05 Jun 2020 18:02

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ClientSampleId :
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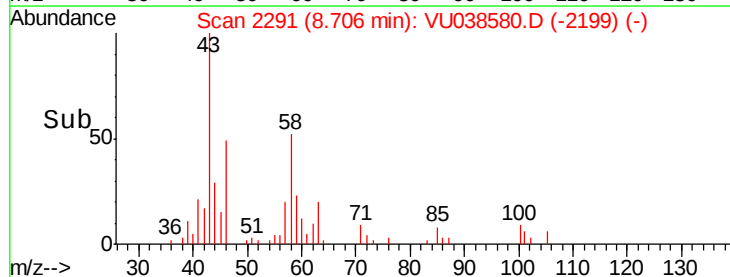
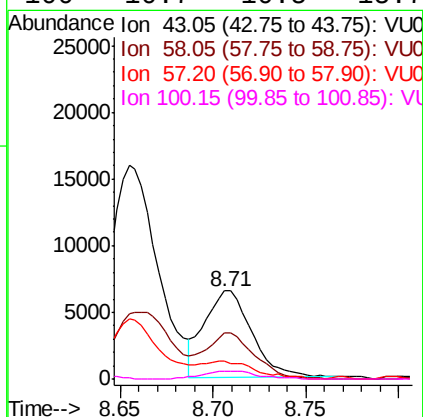
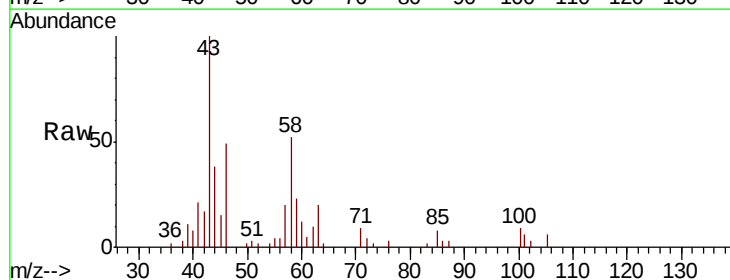
Tot Ion: 75 Resp: 2458
Ion Ratio Lower Upper
75 100
77 66.8 21.9 40.7#

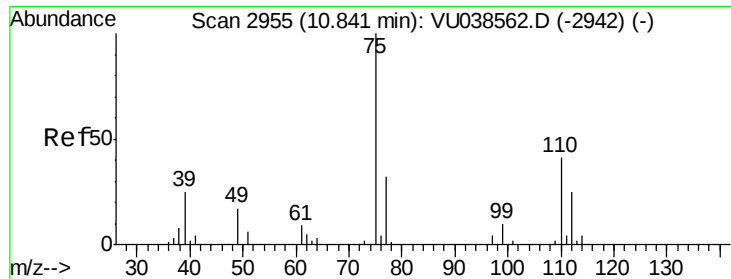


#48

2-Hexanone
Concen: 1.045 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038580.D
Acq: 05 Jun 2020 18:02

Tgt Ion: 43 Resp: 11547
Ion Ratio Lower Upper
43 100
58 55.6 45.4 68.0
57 22.8 15.9 23.9
100 10.7 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 0.294 ug/L

RT: 10.54 min Scan# 2862

Delta R.T. -0.30 min

Lab File: VU038580.D

Acq: 05 Jun 2020 18:02

Instrument :

MSVOA_U

ClientSampleId :

F9D67

Tot Ion: 75 Resp: 4475

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

