

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038578.D
 Acq On : 05 Jun 2020 17:16
 Operator : SY/MD
 Sample : L2860-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D65

Quant Time: Jun 06 00:16:10 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	288124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	281647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	135228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63376	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.93	69	59348	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.59	63	108796	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.68	46	297886	52.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.18%
24) Chloroform-d	5.10	84	162743	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.74	65	98585	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.76	84	321462	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	101825	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.92	98	270605	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.20	79	36155	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.65	63	252571	55.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91656	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	113797	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

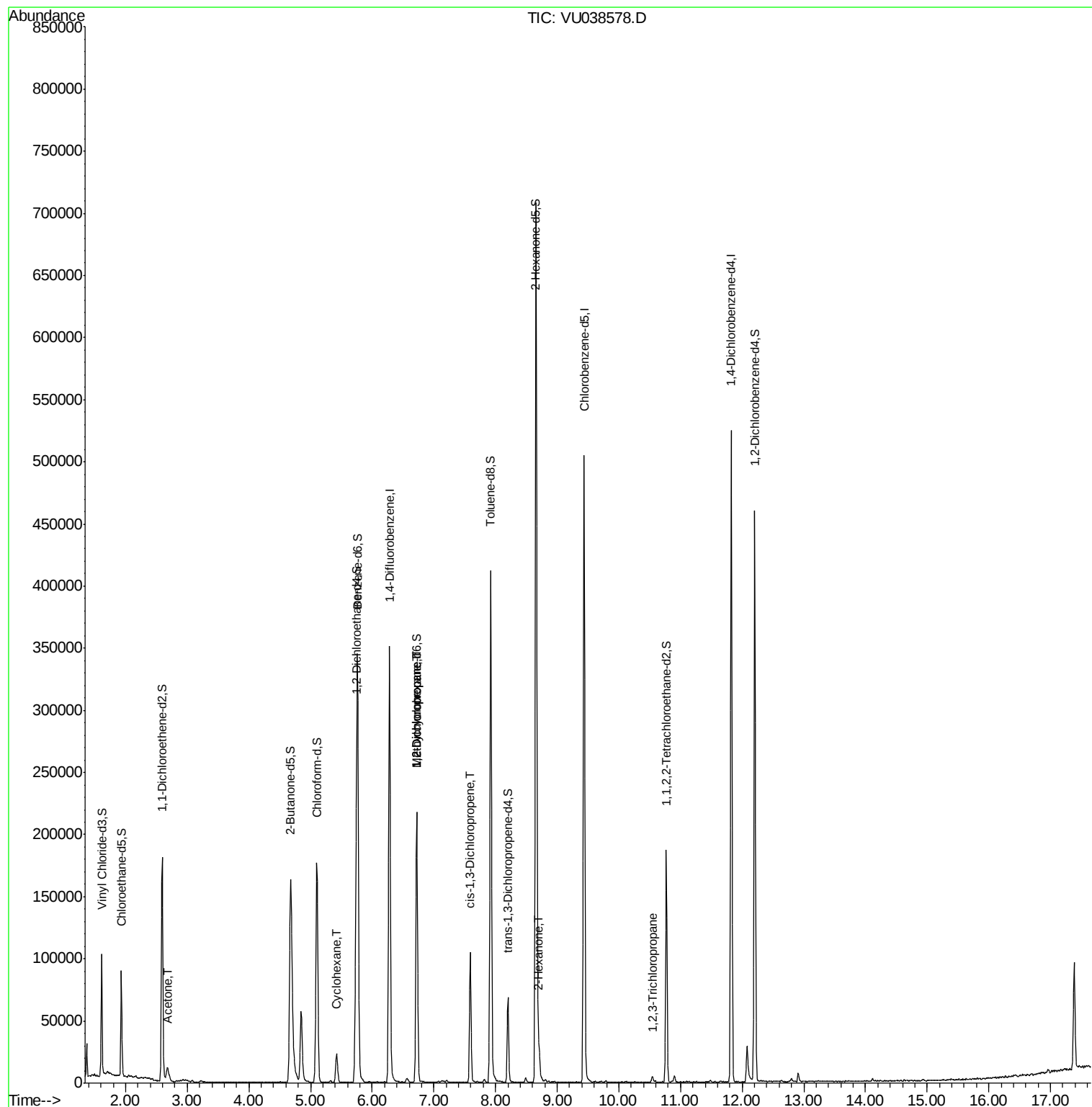
					Ovalue
13) Acetone	2.68	43	21321	5.751	ug/L 65
30) Cyclohexane	5.42	56	10953	0.350	ug/L 99
35) Methylcyclohexane	6.72	83	24479	0.776	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	11607	0.587	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2657	0.091	ug/L # 75
48) 2-Hexanone	8.71	43	10418	0.973	ug/L # 90
59) 1,2,3-Trichloropropane	10.54	75	3257	0.221	ug/L # 43

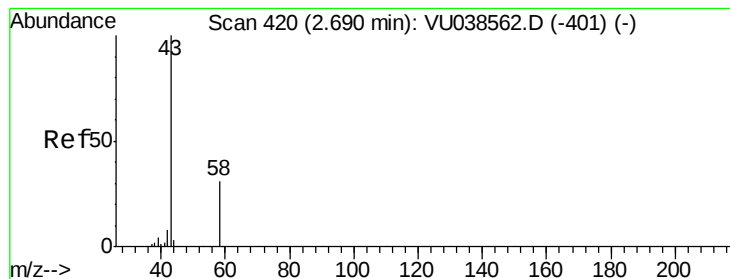
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.751 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU038578.D

Acq: 05 Jun 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

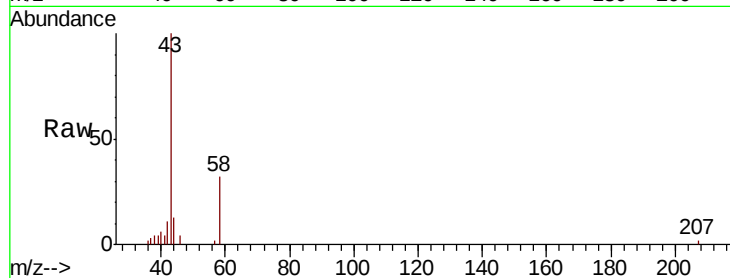
F9D65

Tot Ion: 43 Resp: 21321

Ion Ratio Lower Upper

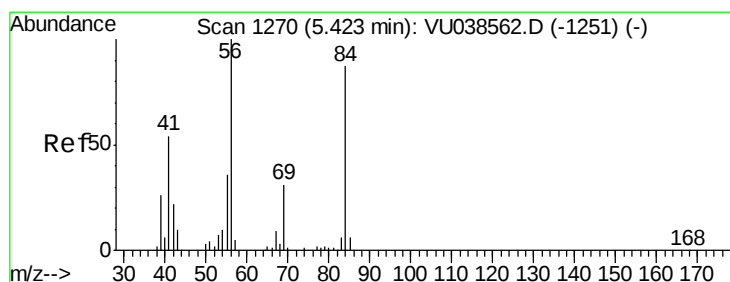
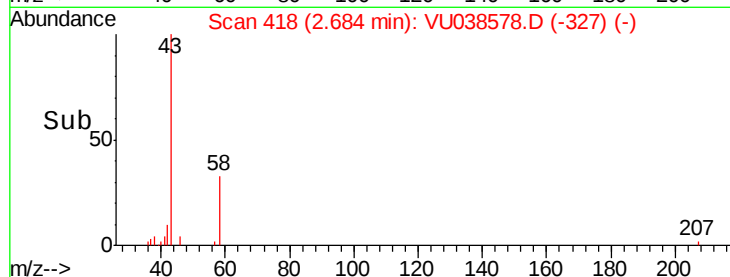
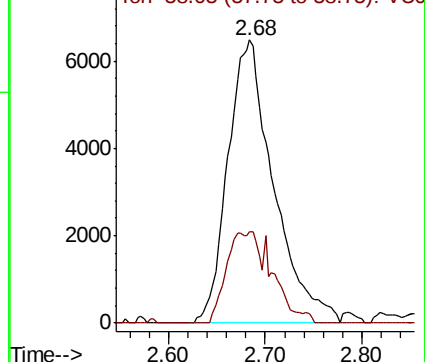
43 100

58 13.0 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: 0.350 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038578.D

Acq: 05 Jun 2020 17:16

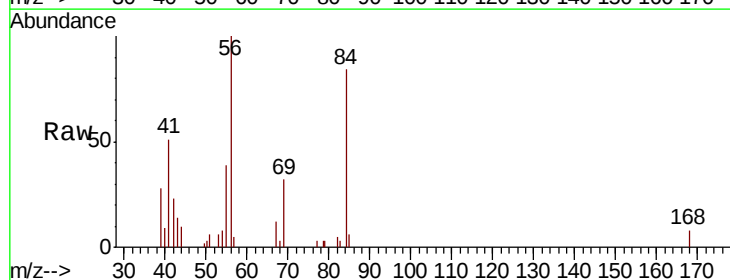
Tgt Ion: 56 Resp: 10953

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.4

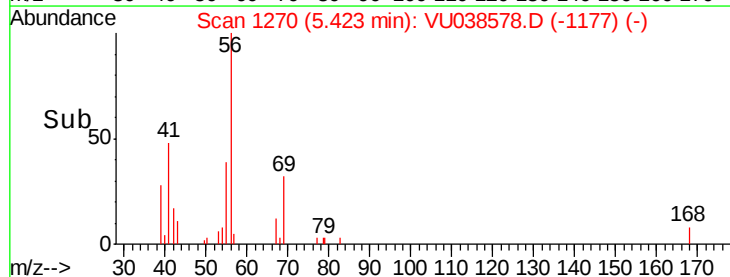
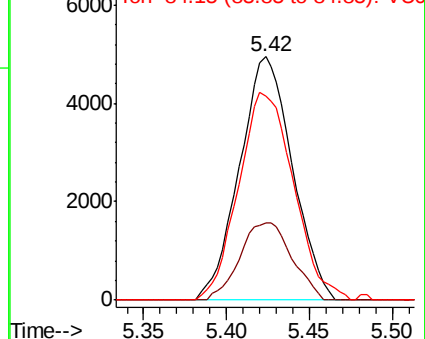
84 89.1 70.8 106.2

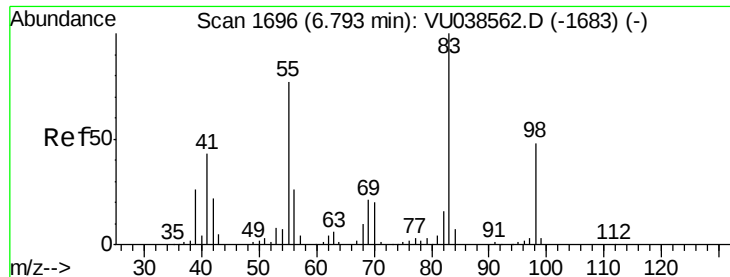


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

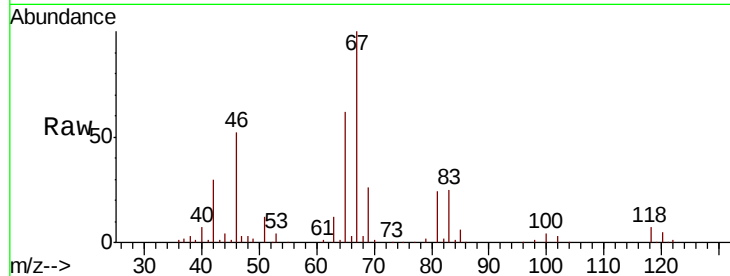




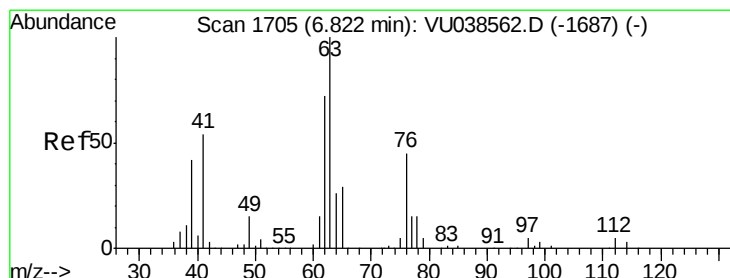
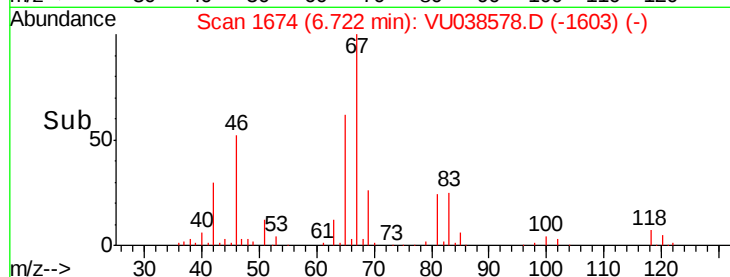
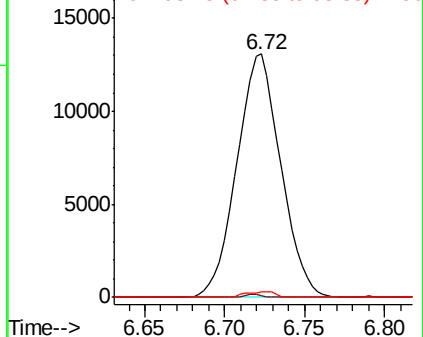
#35
Methvlcvclohexane
Concen: 0.776 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038578.D
Acq: 05 Jun 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
F9D65

Tot Ion: 83 Resp: 24479
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.5 39.0 58.4#

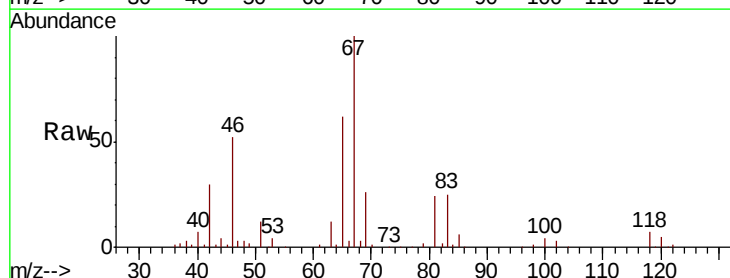


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

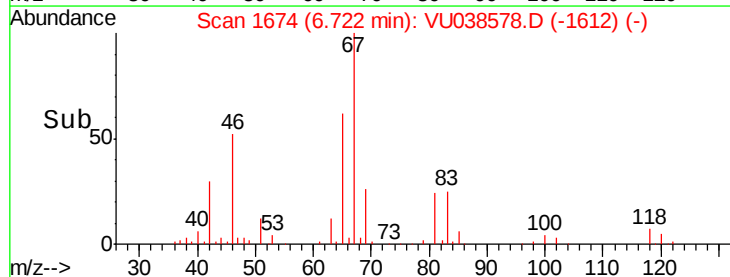
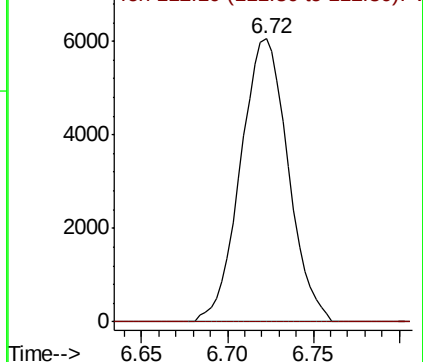


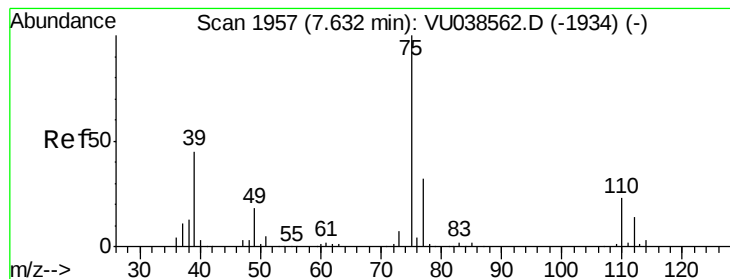
#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038578.D
Acq: 05 Jun 2020 17:16

Tgt Ion: 63 Resp: 11607
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



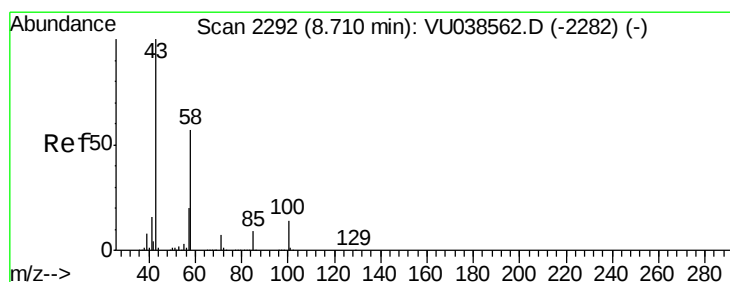
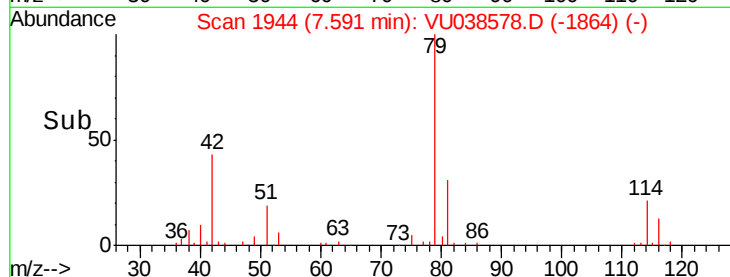
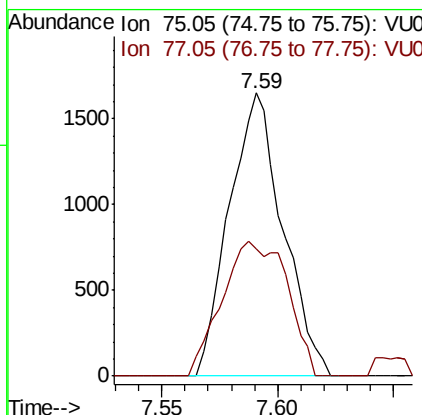
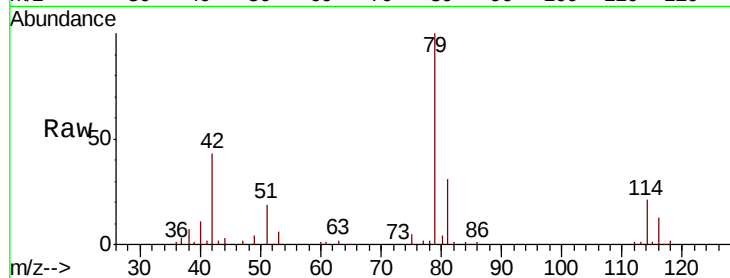


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038578.D
 Acq: 05 Jun 2020 17:16

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 MSVOA_U
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 F9D65

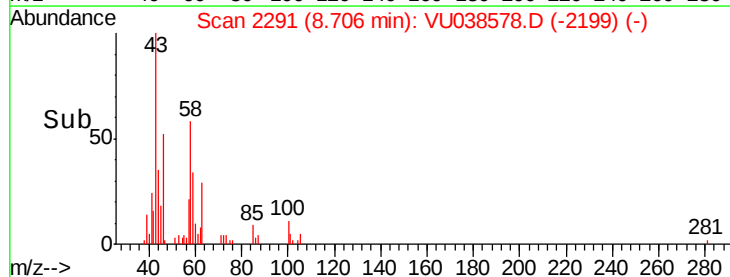
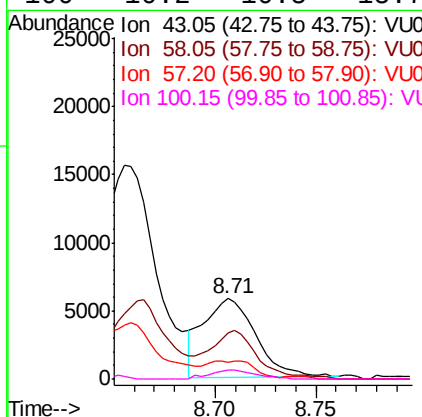
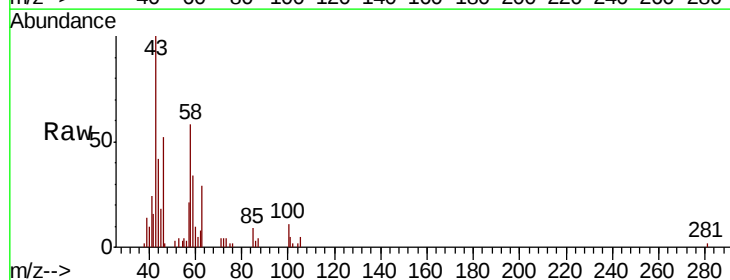
Tot Ion: 75 Resp: 2657
 Ion Ratio Lower Upper
 75 100
 77 45.1 21.9 40.7#

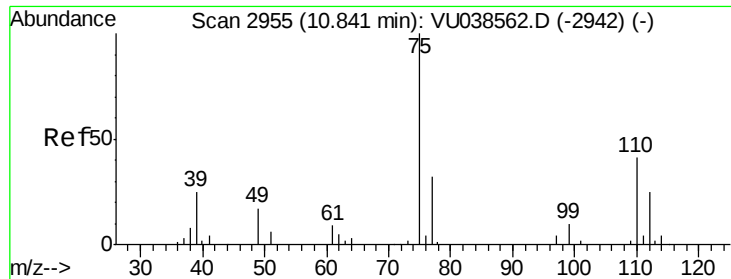


#48

2-Hexanone
 Concen: 0.973 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038578.D
 Acq: 05 Jun 2020 17:16

Tgt Ion: 43 Resp: 10418
 Ion Ratio Lower Upper
 43 100
 58 55.6 45.4 68.0
 57 2.7 15.9 23.9#
 100 10.2 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 0.221 ug/L

RT: 10.54 min Scan# 2861

Delta R.T. -0.30 min

Lab File: VU038578.D

Acq: 05 Jun 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

F9D65

Tot Ion: 75 Resp: 3257

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

