

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038568.D
 Acq On : 05 Jun 2020 13:26
 Operator : SY/MD
 Sample : L2860-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D55

Quant Time: Jun 06 00:14:53 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	294447	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67410	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.93	69	60667	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.59	63	112444	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.67	46	304169	52.54	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.08%
24) Chloroform-d	5.10	84	165903	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.74	65	99861	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	330096	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	102908	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.92	98	272686	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.20	79	39445	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.65	63	250908	52.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93181	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	117698	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

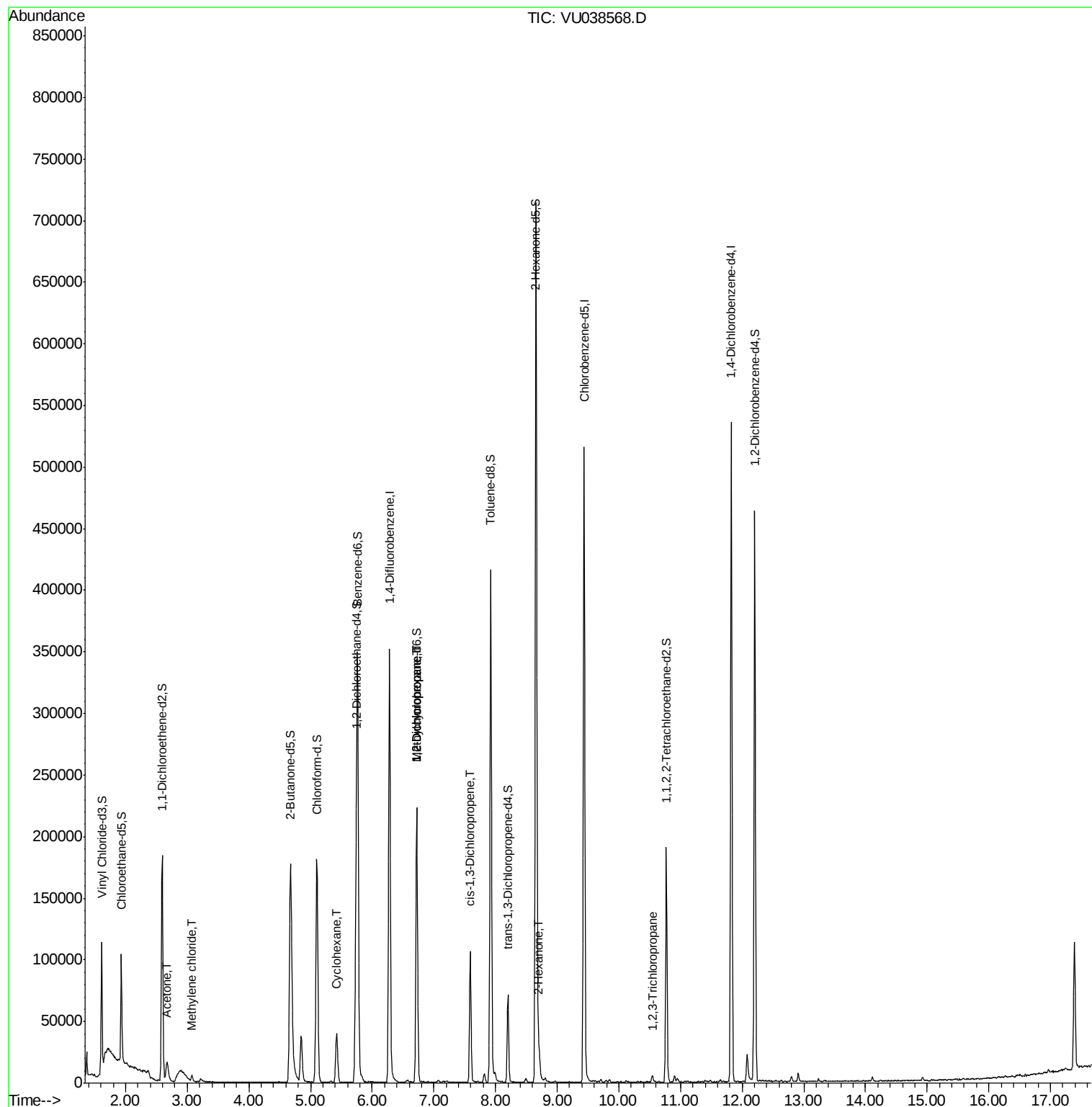
					Ovalue
13) Acetone	2.68	43	25228	6.659 ug/L	94
16) Methylene chloride	3.08	84	2100	0.102 ug/L	85
30) Cyclohexane	5.43	56	19786	0.610 ug/L	97
35) Methylcyclohexane	6.72	83	24472	0.748 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11626	0.567 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2513	0.083 ug/L #	64
48) 2-Hexanone	8.71	43	11472	1.033 ug/L #	94
59) 1,2,3-Trichloropropane	10.54	75	3565	0.233 ug/L #	43

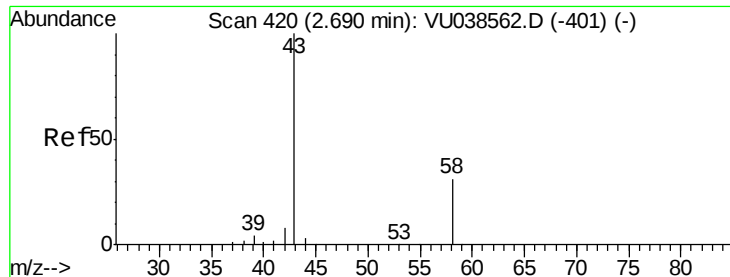
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.659 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038568.D

Acq: 05 Jun 2020 13:26

Instrument :

MSVOA_U

ClientSampleId :

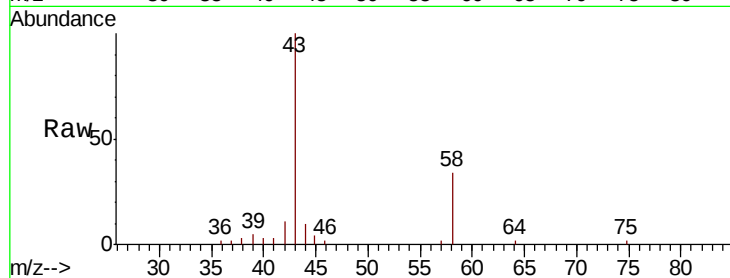
F9D55

Tot Ion: 43 Resp: 25228

Ion Ratio Lower Upper

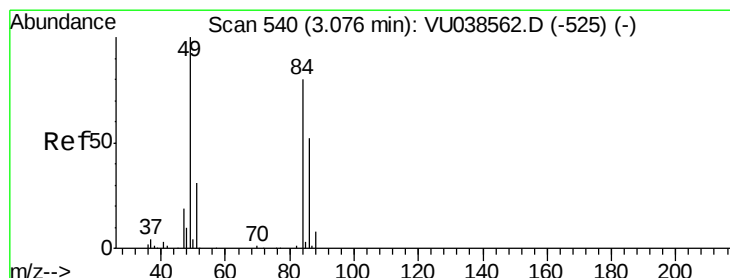
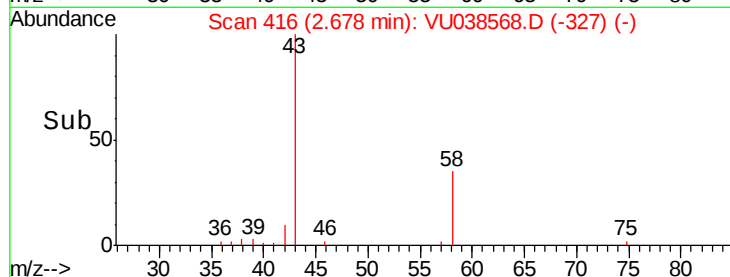
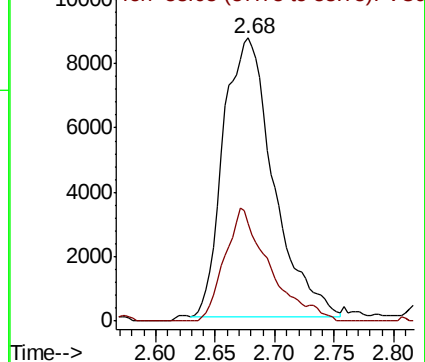
43 100

58 36.2 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.102 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038568.D

Acq: 05 Jun 2020 13:26

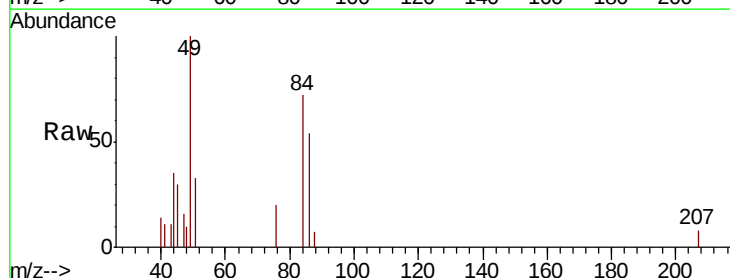
Tgt Ion: 84 Resp: 2100

Ion Ratio Lower Upper

84 100

86 75.7 45.0 83.6

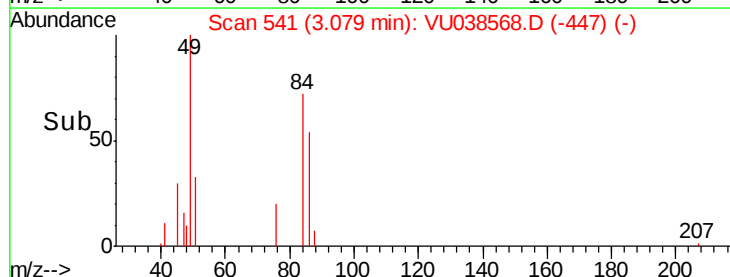
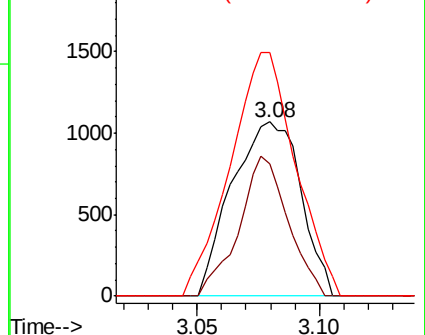
49 139.4 85.5 158.9

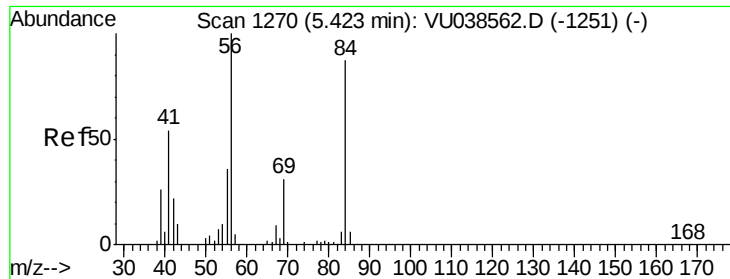


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

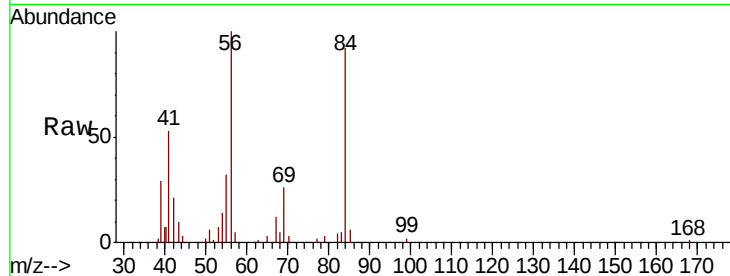




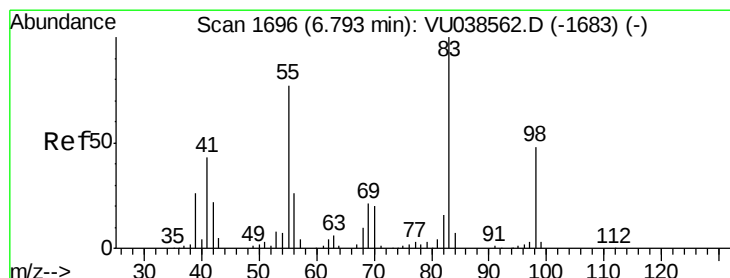
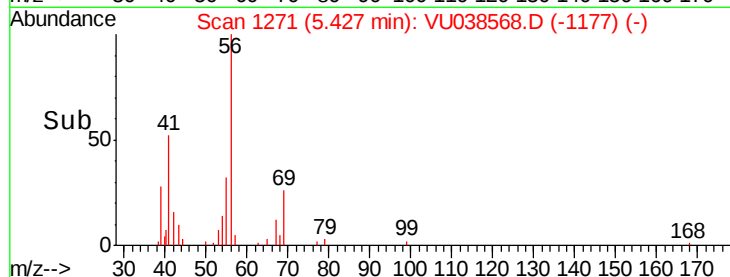
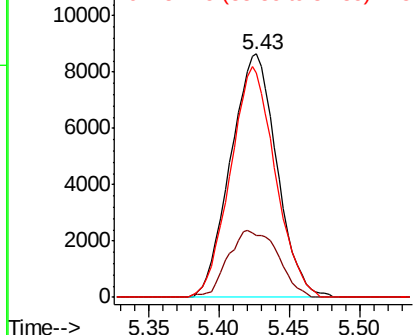
#30
Cyclohexane
Concen: 0.610 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038568.D
Acq: 05 Jun 2020 13:26

Instrument :
MSVOA_U
ClientSampleId :
F9D55

Tot Ion: 56 Resp: 19786
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.4
84 91.9 70.8 106.2

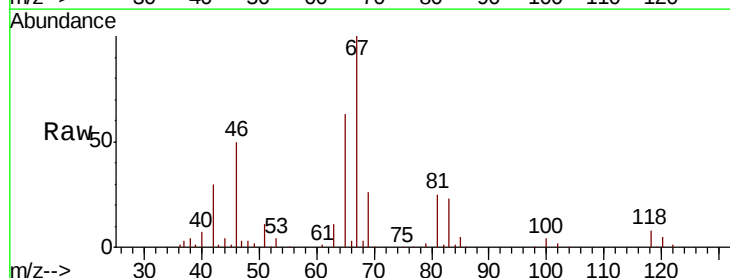


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

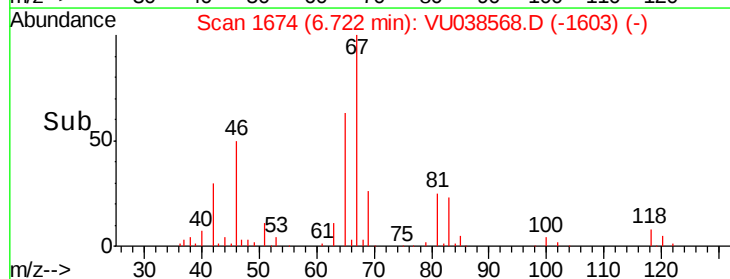
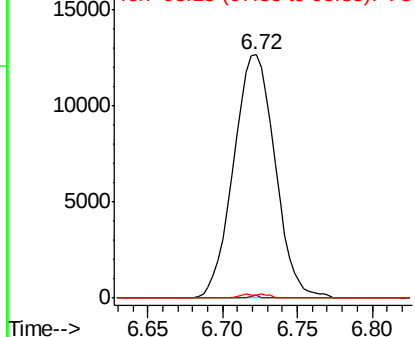


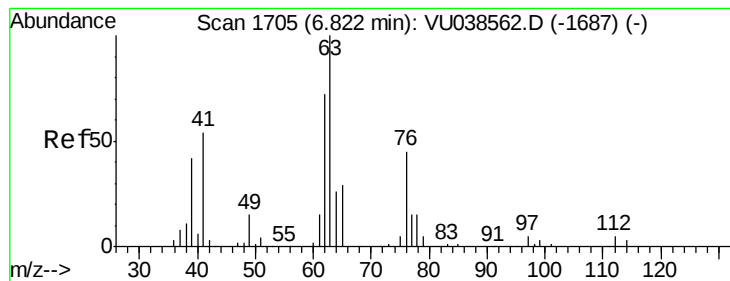
#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038568.D
Acq: 05 Jun 2020 13:26

Tgt Ion: 83 Resp: 24472
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.1 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: 0.567 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038568.D

Acq: 05 Jun 2020 13:26

Instrument :

MSVOA_U

ClientSampled :

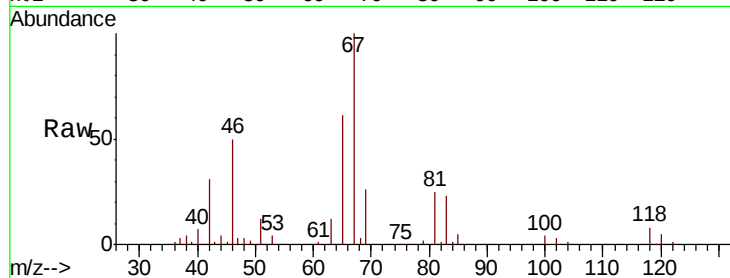
F9D55

Tot Ion: 63 Resp: 11626

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038562.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038562.D (-1687) (-)

6.72

6000

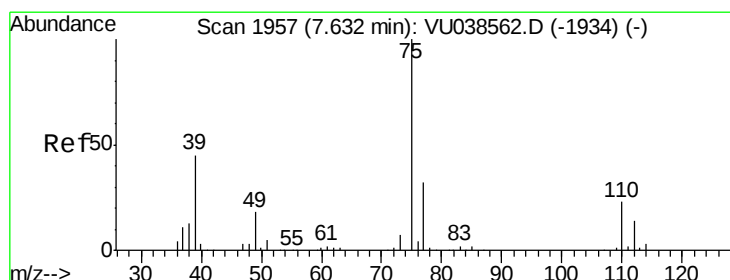
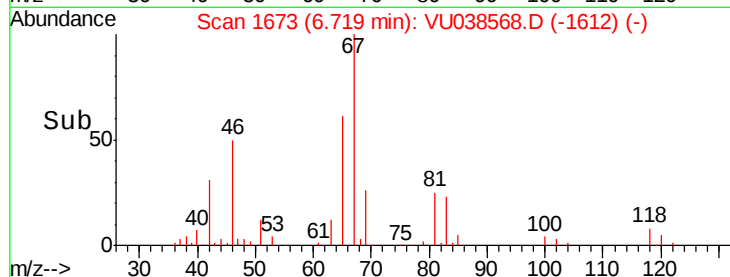
4000

2000

0

Time-->

6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU038568.D

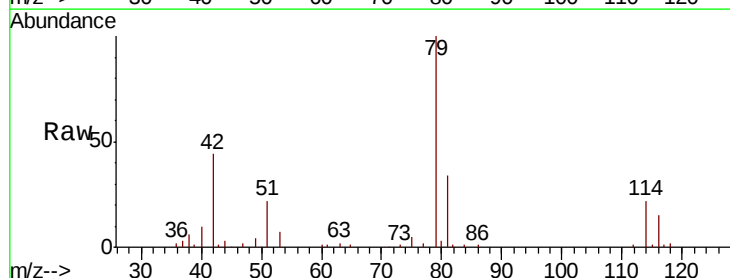
Acq: 05 Jun 2020 13:26

Tgt Ion: 75 Resp: 2513

Ion Ratio Lower Upper

75 100

77 50.9 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038562.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU038562.D (-1934) (-)

7.59

1500

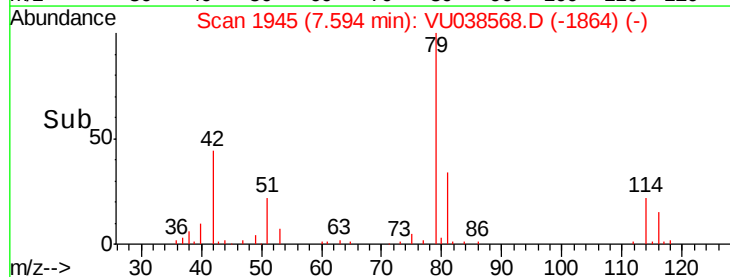
1000

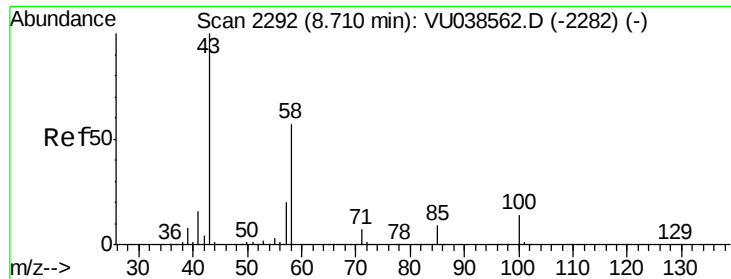
500

0

Time-->

7.55 7.60 7.65

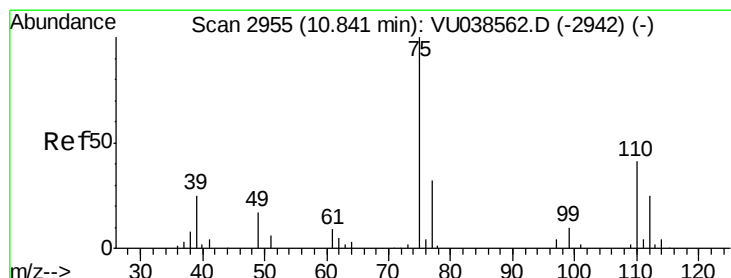
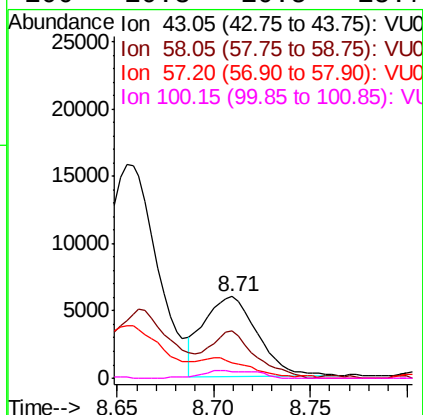
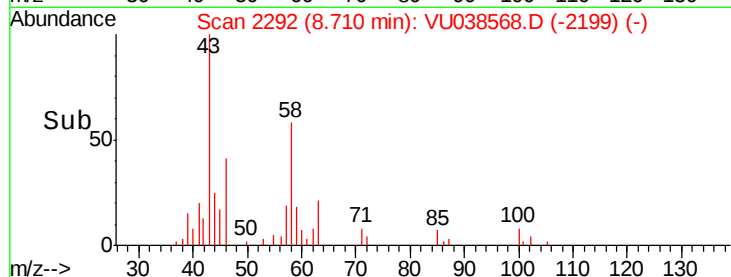
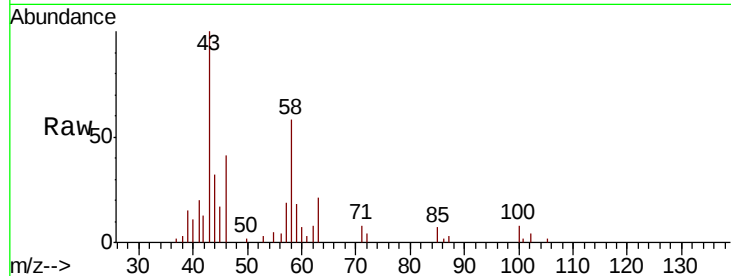




#48
2-Hexanone
Concen: 1.033 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038568.D
Acq: 05 Jun 2020 13:26

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Tot Ion: 43 Resp: 11472
Ion Ratio Lower Upper
43 100
58 51.4 45.4 68.0
57 19.6 15.9 23.9
100 10.3 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 0.233 ug/L
RT: 10.54 min Scan# 2862
Delta R.T. -0.30 min
Lab File: VU038568.D
Acq: 05 Jun 2020 13:26

Tgt Ion: 75 Resp: 3565
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

