

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039198.D
 Acq On : 29 Jun 2020 17:55
 Operator : SY/MD
 Sample : L3104-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q65

Quant Time: Jun 30 01:39:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	212391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	216658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	92005	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	57189	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.93	69	58062	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.59	63	95285	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	4.68	46	302990	50.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.76%
24) Chloroform-d	5.10	84	153584	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	96386	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.76	84	278048	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.72	67	92942	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.92	98	211053	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	8.20	79	35190	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.65	63	214453	46.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84386	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	89519	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

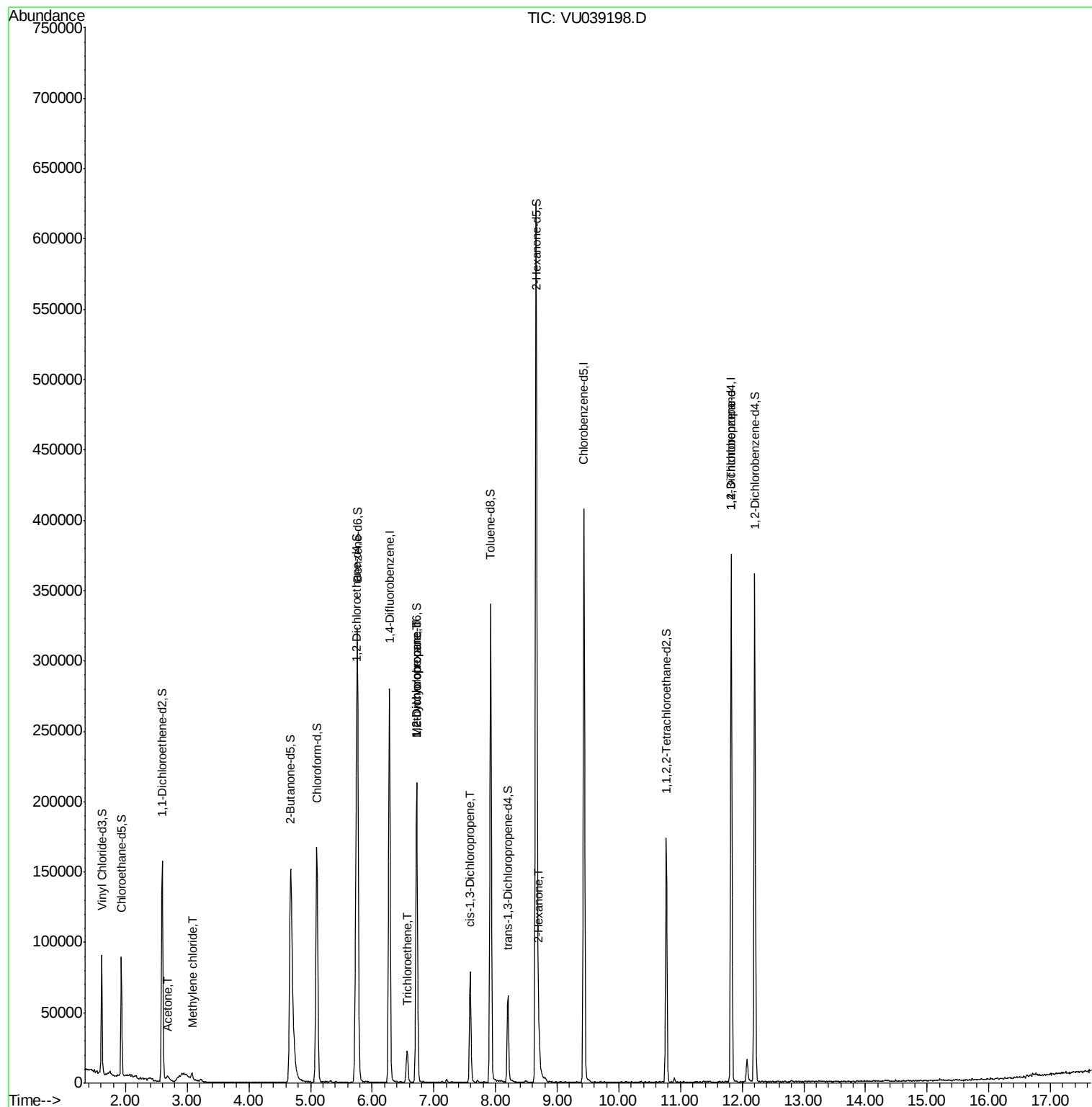
					Ovalue
13) Acetone	2.68	43	7653	2.097 ug/L	63
16) Methylene chloride	3.07	84	1850	0.099 ug/L	93
34) Trichloroethene	6.57	95	5800	0.325 ug/L	95
35) Methylcyclohexane	6.72	83	22770	0.856 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10618	0.573 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2163	0.081 ug/L	92
48) 2-Hexanone	8.70	43	12853	1.258 ug/L #	76
59) 1,2,3-Trichloropropane	11.82	75	12447	0.893 ug/L #	78

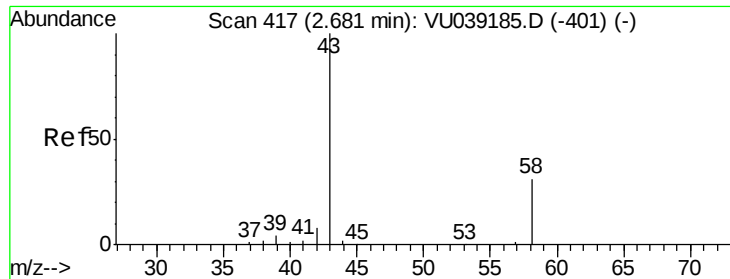
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 30 01:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.097 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

Lab File: VU039198.D

Acq: 29 Jun 2020 17:55

Instrument :

MSVOA_U

ClientSampled :

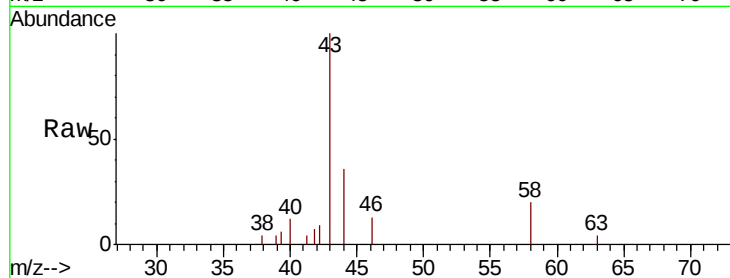
F9Q65

Tot Ion: 43 Resp: 7653

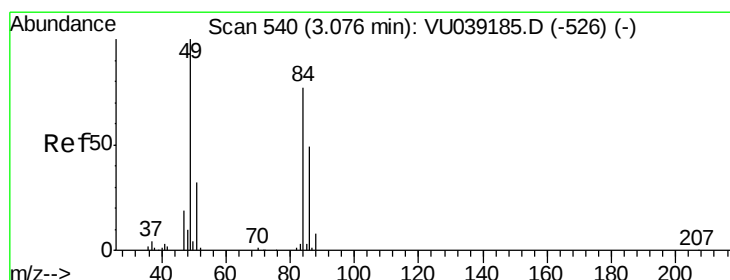
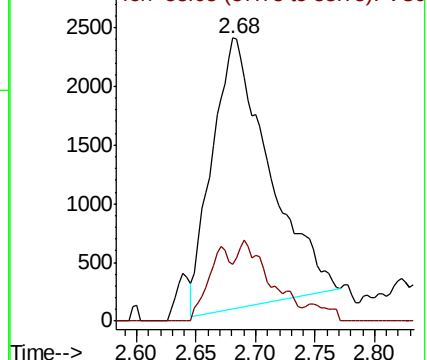
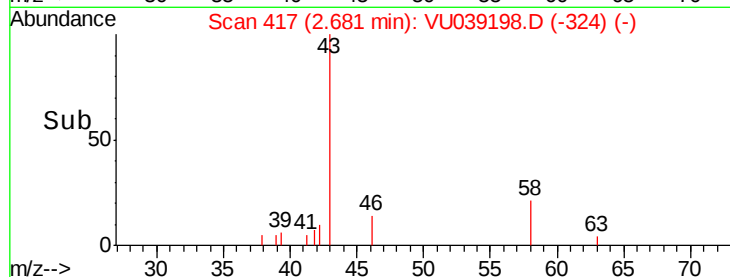
Ion Ratio Lower Upper

43 100

58 11.2 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039198.D (-324) (-)



#16

Methylene chloride

Concen: 0.099 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU039198.D

Acq: 29 Jun 2020 17:55

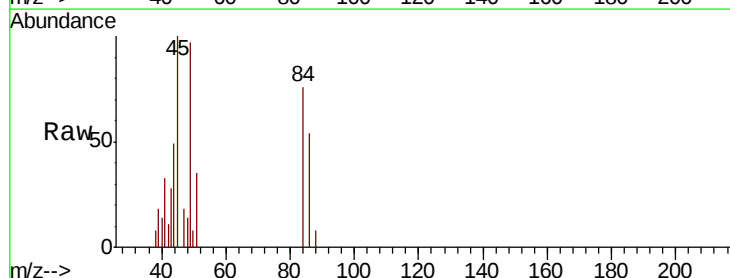
Tgt Ion: 84 Resp: 1850

Ion Ratio Lower Upper

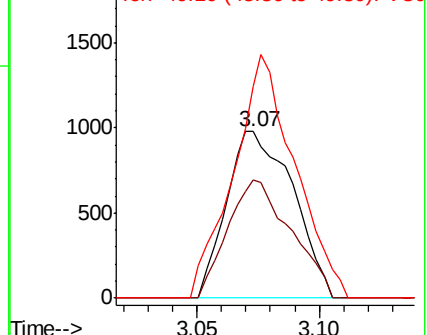
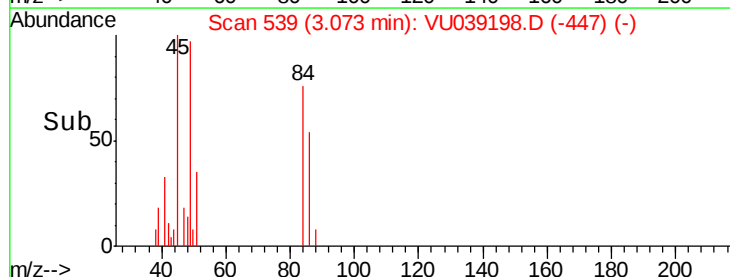
84 100

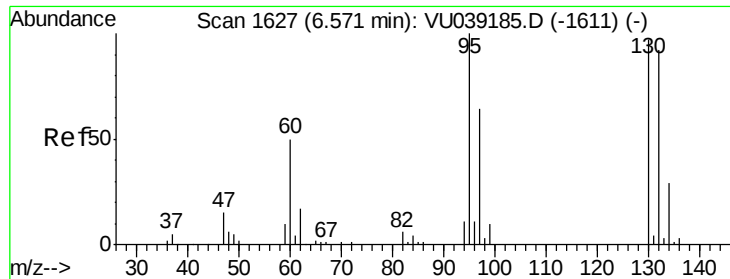
86 71.1 44.2 82.2

49 127.2 93.2 173.0



Abundance Ion 84.05 (83.75 to 84.75): VU039198.D (-447) (-)

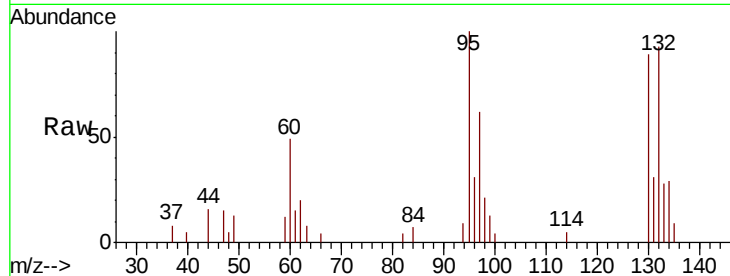




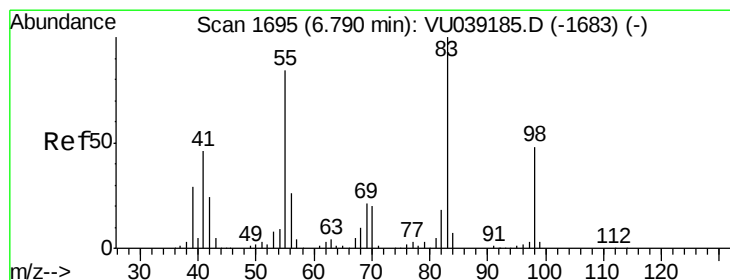
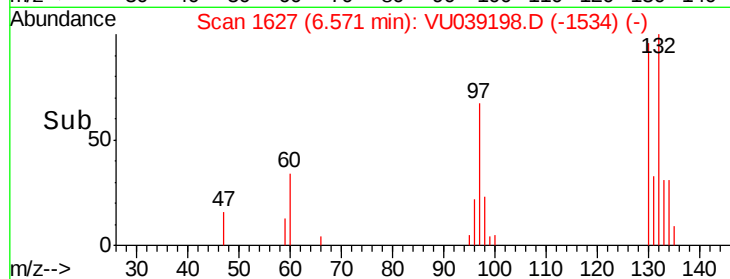
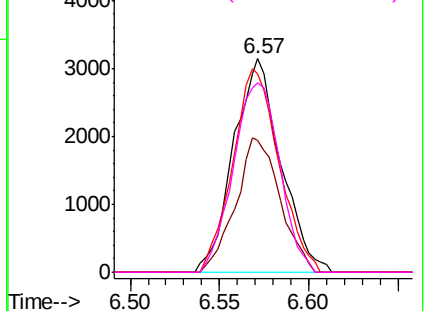
#34
 Trichloroethene
 Concen: 0.325 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU039198.D
 Acq: 29 Jun 2020 17:55

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q65

Tot Ion: 95 Resp: 5800
 Ion Ratio Lower Upper
 95 100
 97 61.9 44.0 81.8
 132 92.8 61.2 113.8
 130 88.8 66.4 123.4

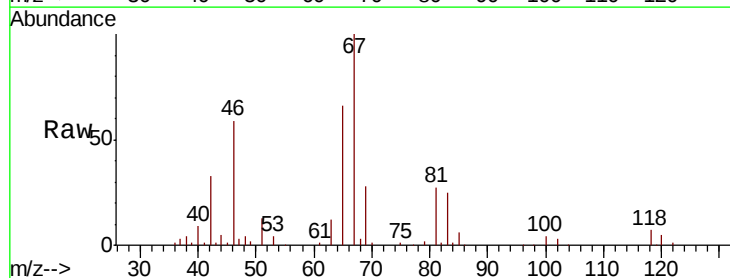


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

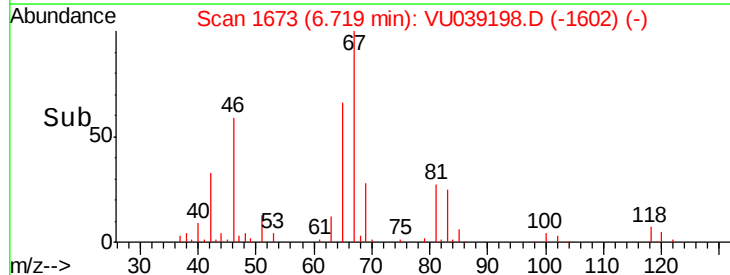
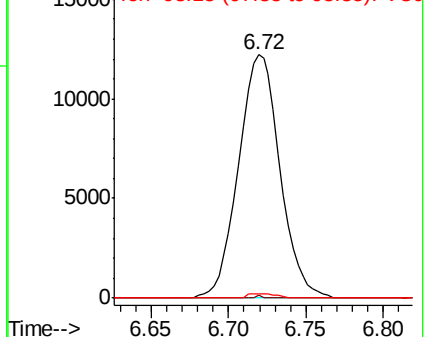


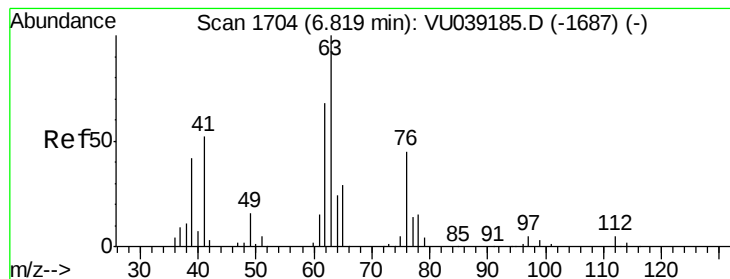
#35
 Methylcyclohexane
 Concen: 0.856 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU039198.D
 Acq: 29 Jun 2020 17:55

Tgt Ion: 83 Resp: 22770
 Ion Ratio Lower Upper
 83 100
 55 0.1 65.5 98.3#
 98 1.3 38.2 57.4#



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: 0.573 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039198.D

Acq: 29 Jun 2020 17:55

Instrument :

MSVOA_U

ClientSampleId :

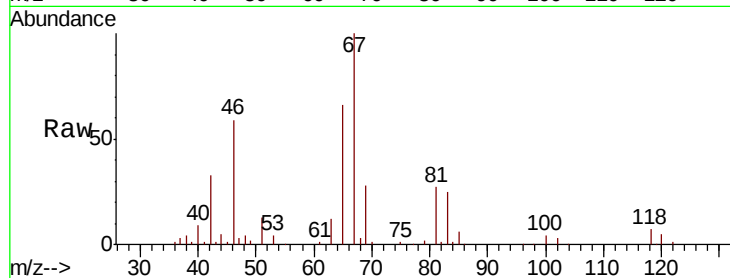
F9Q65

Tot Ion: 63 Resp: 10618

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039198.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU039198.D (-1687) (-)

6.72

6000

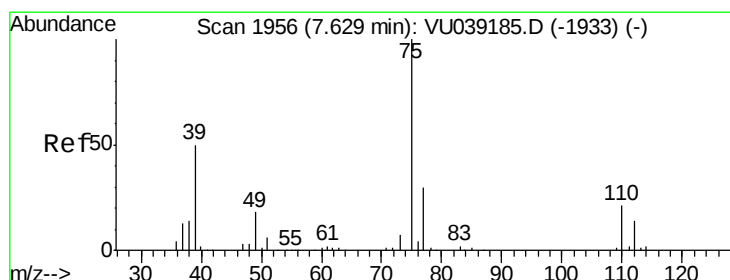
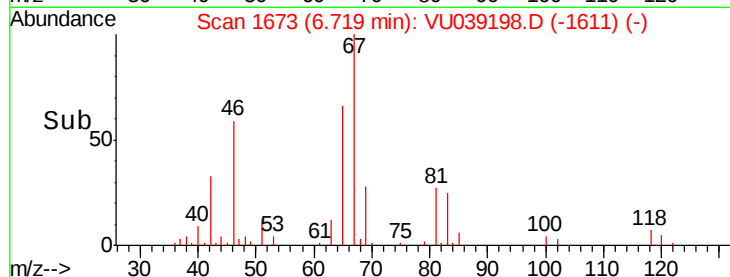
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039198.D

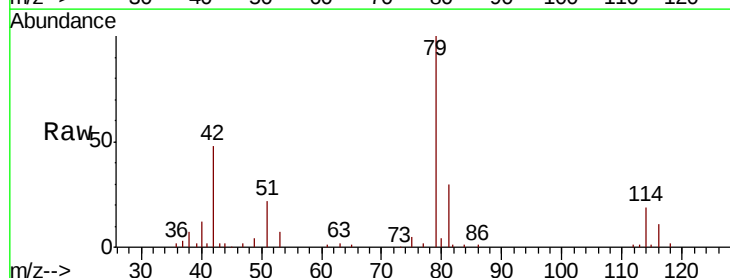
Acq: 29 Jun 2020 17:55

Tgt Ion: 75 Resp: 2163

Ion Ratio Lower Upper

75 100

77 36.8 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VU039198.D (-1863) (-)

Ion 77.05 (76.75 to 77.75): VU039198.D (-1863) (-)

7.59

1500

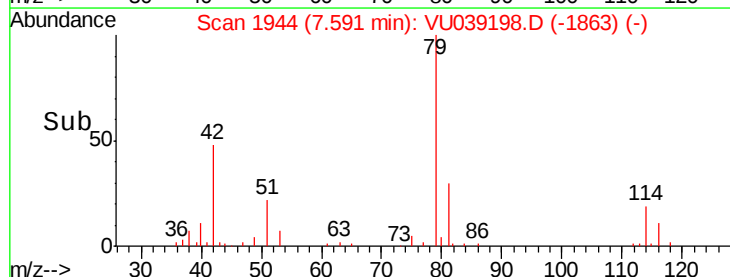
1000

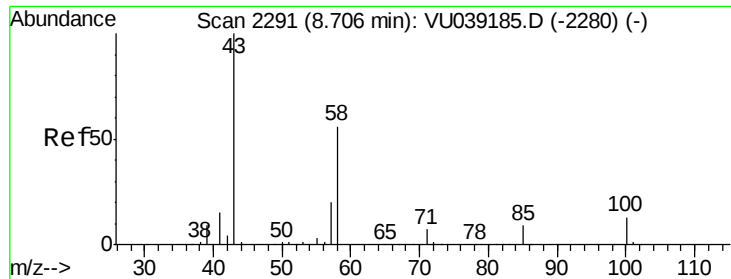
500

0

7.55 7.60

Time-->

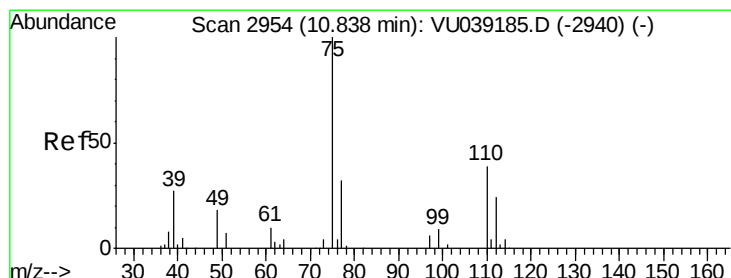
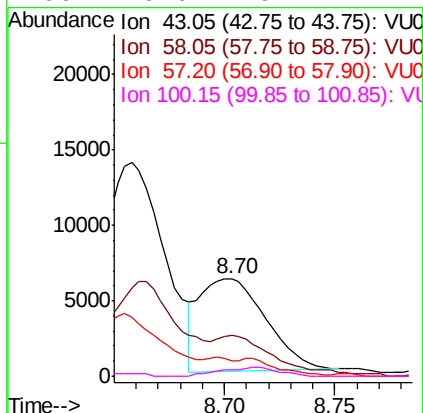
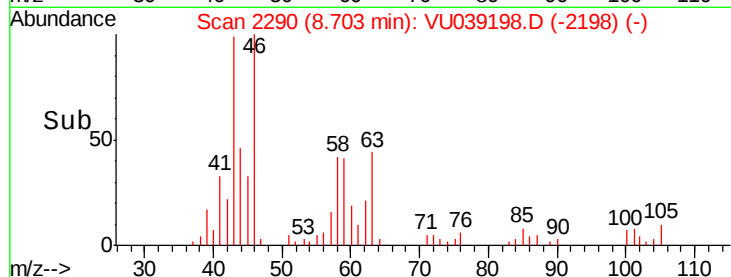
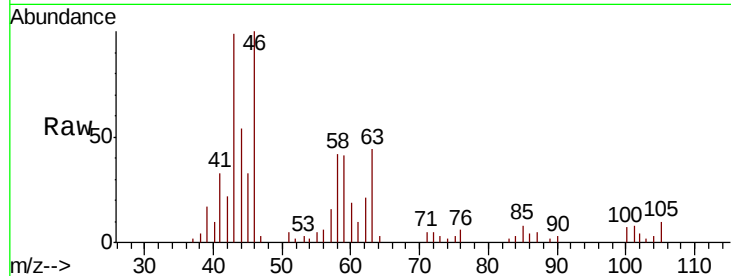




#48
2-Hexanone
Concen: 1.258 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039198.D
Acq: 29 Jun 2020 17:55

Instrument :
MSVOA_U
ClientSampleId :
F9Q65

Tot Ion: 43 Resp: 12853
Ion Ratio Lower Upper
43 100
58 39.3 43.6 65.4#
57 6.7 15.6 23.4#
100 0.0 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.893 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039198.D
Acq: 29 Jun 2020 17:55

Tgt Ion: 75 Resp: 12447
Ion Ratio Lower Upper
75 100
77 44.3 25.6 38.4#

