

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039189.D
 Acq On : 29 Jun 2020 14:28
 Operator : SY/MD
 Sample : L3139-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA3

Quant Time: Jun 30 01:38:51 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	267536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	122803	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69906	2.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.00%
7) Chloroethane-d5	1.93	69	55258	2.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.00%#
11) 1,1-Dichloroethene-d2	2.59	63	107635	2.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.00%#
20) 2-Butanone-d5	4.68	46	206025	27.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	54.94%
24) Chloroform-d	5.10	84	126709	2.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.00%#
26) 1,2-Dichloroethane-d4	5.74	65	77696	2.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.40%#
32) Benzene-d6	5.76	84	253277	3.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.60%#
36) 1,2-Dichloropropane-d6	6.72	67	79141	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.40%
41) Toluene-d8	7.92	98	208883	2.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.00%#
43) trans-1,3-Dichloropropene-	8.20	79	34306	2.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.20%
46) 2-Hexanone-d5	8.66	63	144581	26.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	60499	2.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	50.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	78603	3.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	61.00%#

Target Compounds

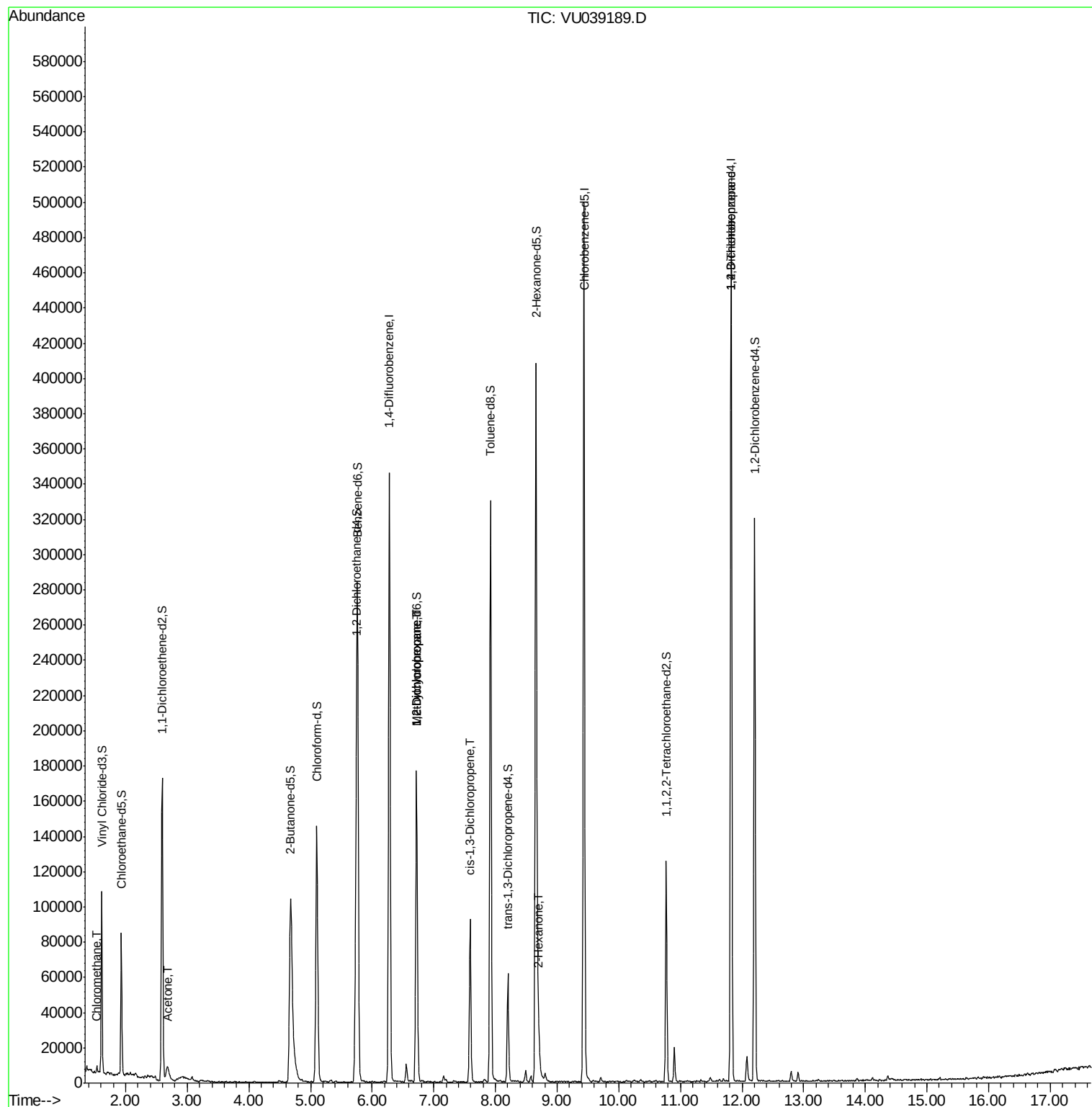
					Ovalue
3) Chloromethane	1.53	50	2856	0.104	ug/L 99
13) Acetone	2.68	43	17697	3.849	ug/L 97
35) Methylcyclohexane	6.72	83	18910	0.585	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	9452	0.420	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2563	0.079	ug/L # 66
48) 2-Hexanone	8.71	43	12335	0.994	ug/L 88
59) 1,2,3-Trichloropropane	11.82	75	17149	1.012	ug/L 91

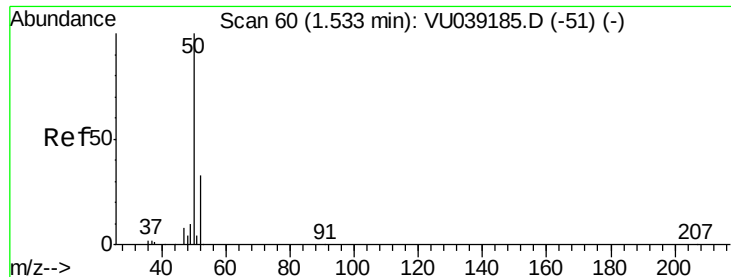
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.104 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU039189.D

Acq: 29 Jun 2020 14:28

Instrument :

MSVOA_U

ClientSampleId :

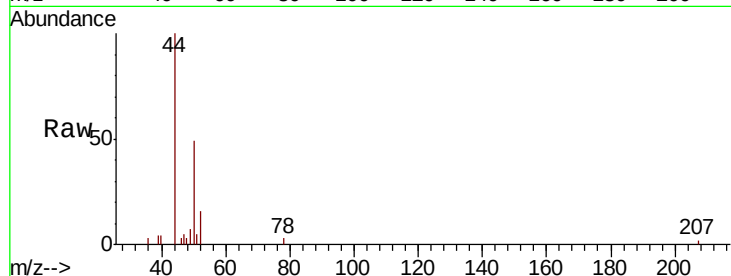
C0AA3

Tot Ion: 50 Resp: 2856

Ion Ratio Lower Upper

50 100

52 32.4 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU039189.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU039189.D (-51) (-)

1.53

2500

2000

1500

1000

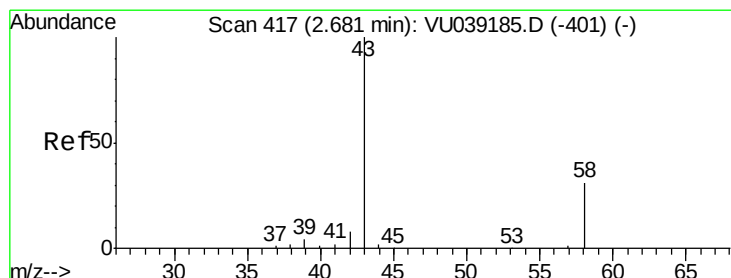
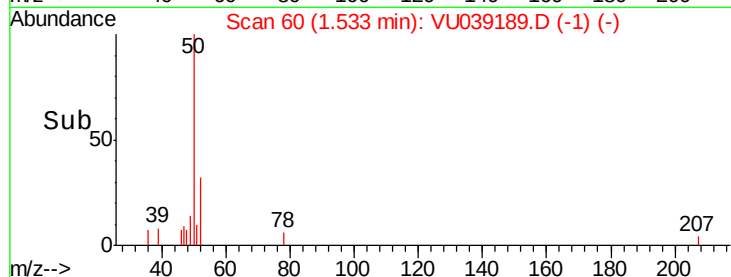
500

0

1.50

1.55

Time-->



#13

Acetone

Concen: 3.849 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU039189.D

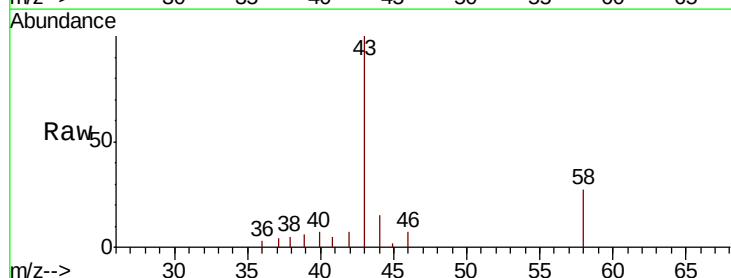
Acq: 29 Jun 2020 14:28

Tgt Ion: 43 Resp: 17697

Ion Ratio Lower Upper

43 100

58 30.0 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039189.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU039189.D (-401) (-)

2.68

5000

4000

3000

2000

1000

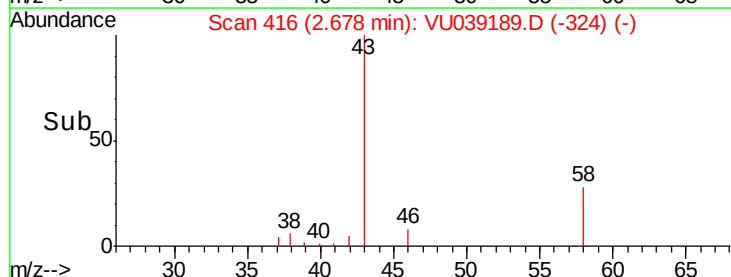
0

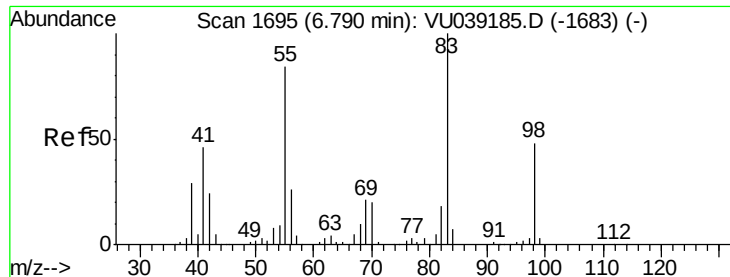
2.60

2.70

2.80

Time-->





#35

Methylcyclohexane

Concen: 0.585 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039189.D

Acq: 29 Jun 2020 14:28

Instrument :

MSVOA_U

ClientSampleId :

C0AA3

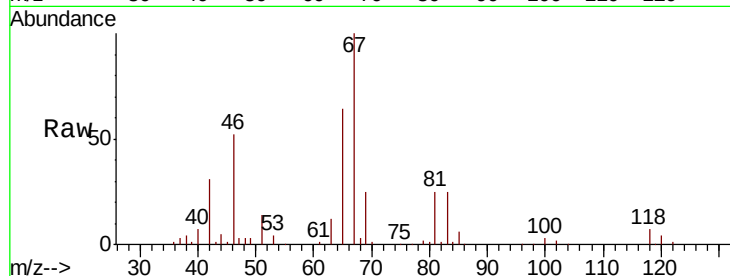
Tot Ion: 83 Resp: 18910

Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

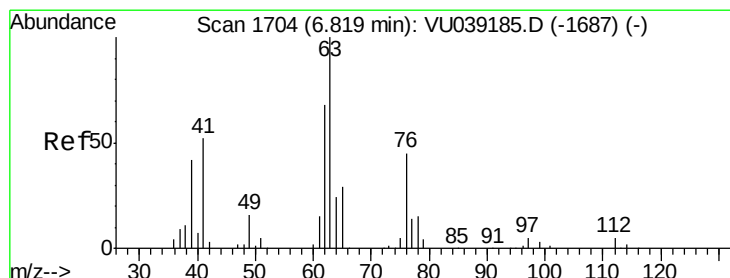
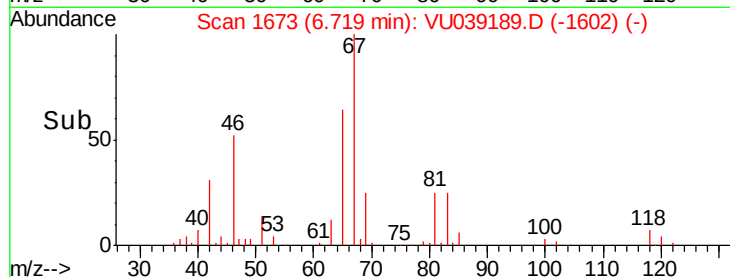
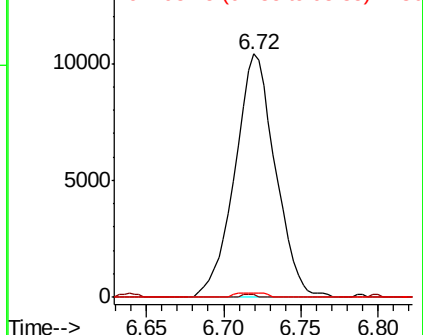
98 1.4 38.2 57.4#



Abundance Ion 83.15 (82.85 to 83.85): VU039189.D (-1673) (-)

Ion 55.10 (54.80 to 55.80): VU039189.D (-1673) (-)

Ion 98.15 (97.85 to 98.85): VU039189.D (-1673) (-)



#37

1,2-Dichloropropane

Concen: 0.420 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU039189.D

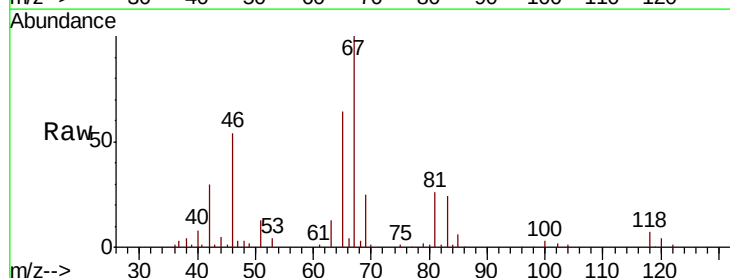
Acq: 29 Jun 2020 14:28

Tgt Ion: 63 Resp: 9452

Ion Ratio Lower Upper

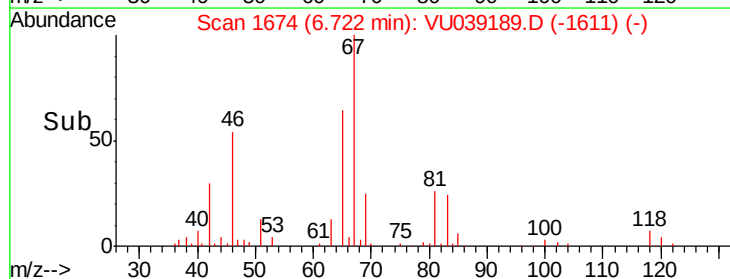
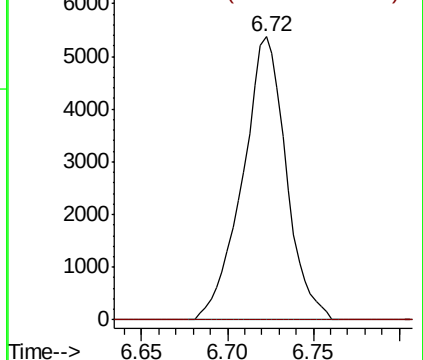
63 100

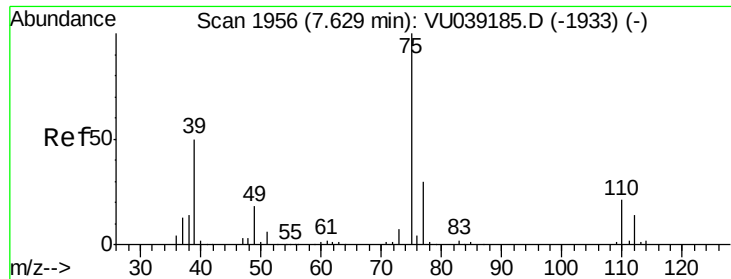
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039189.D (-1674) (-)

Ion 112.10 (111.80 to 112.80): VU039189.D (-1674) (-)

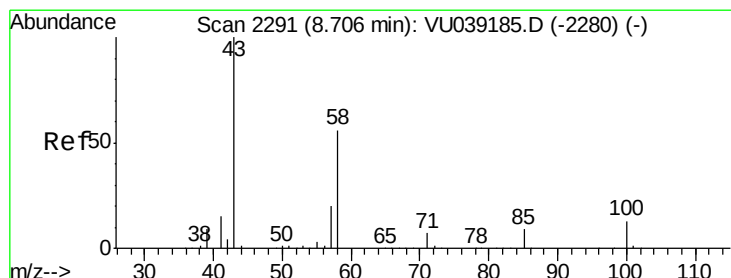
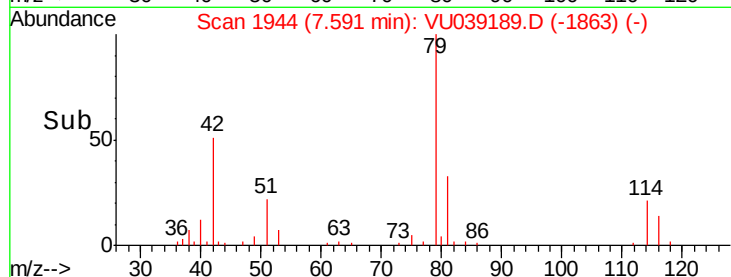
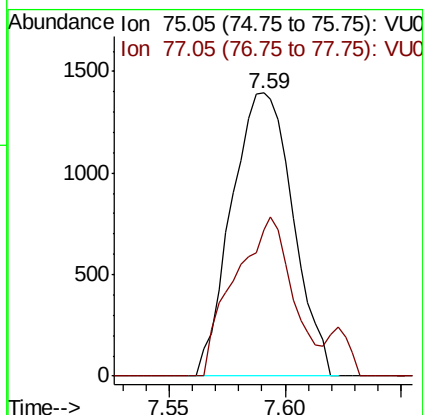
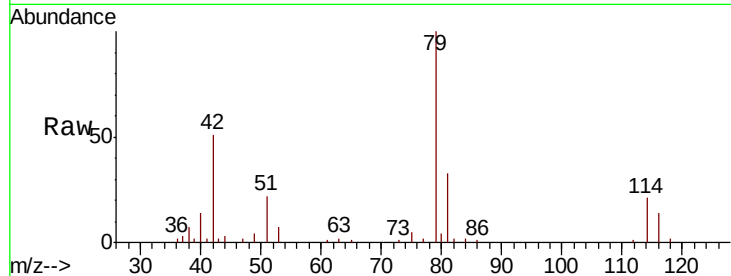




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039189.D
 Acq: 29 Jun 2020 14:28

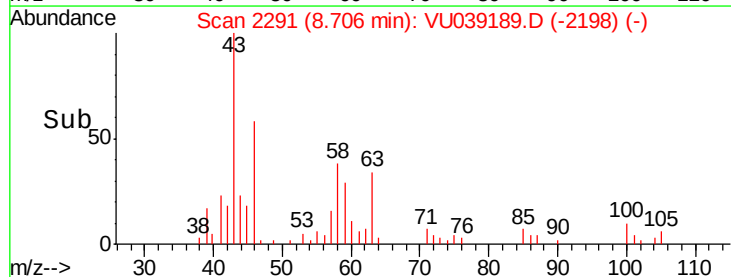
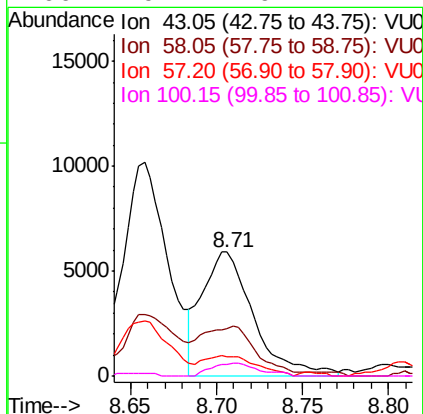
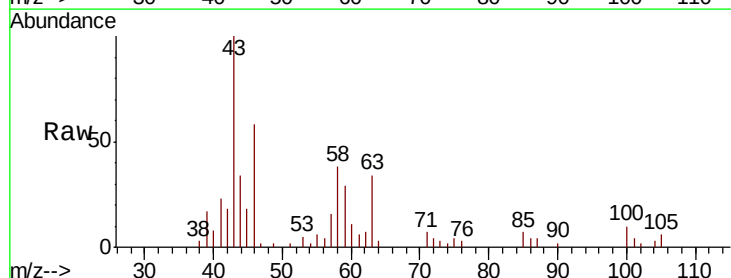
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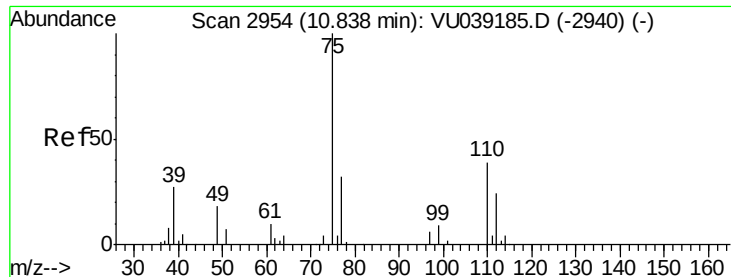
Tot Ion: 75 Resp: 2563
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.7 42.1#



#48
 2-Hexanone
 Concen: 0.994 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU039189.D
 Acq: 29 Jun 2020 14:28

Tgt Ion: 43 Resp: 12335
 Ion Ratio Lower Upper
 43 100
 58 43.8 43.6 65.4
 57 16.6 15.6 23.4
 100 9.7 9.4 14.2





#59

1,2,3-Trichloropropane

Concen: 1.012 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039189.D

Acq: 29 Jun 2020 14:28

Instrument :

MSVOA_U

ClientSampleId :

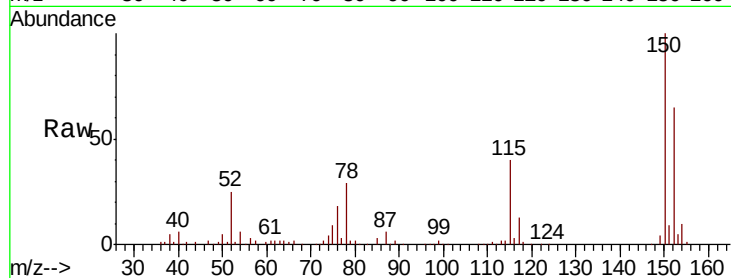
C0AA3

Tot Ion: 75 Resp: 17149

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

