

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039197.D
 Acq On : 29 Jun 2020 17:32
 Operator : SY/MD
 Sample : L3104-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q61

Quant Time: Jun 30 01:39:45 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	220025	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	217803	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	89773	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	58319	2.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.80%
7) Chloroethane-d5	1.93	69	57659	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.59	63	96871	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.68	46	320108	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	5.10	84	149462	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.74	65	97802	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.76	84	276427	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.72	67	92253	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.92	98	208286	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	8.20	79	29090	2.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.60%
46) 2-Hexanone-d5	8.65	63	224348	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86307	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	87099	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

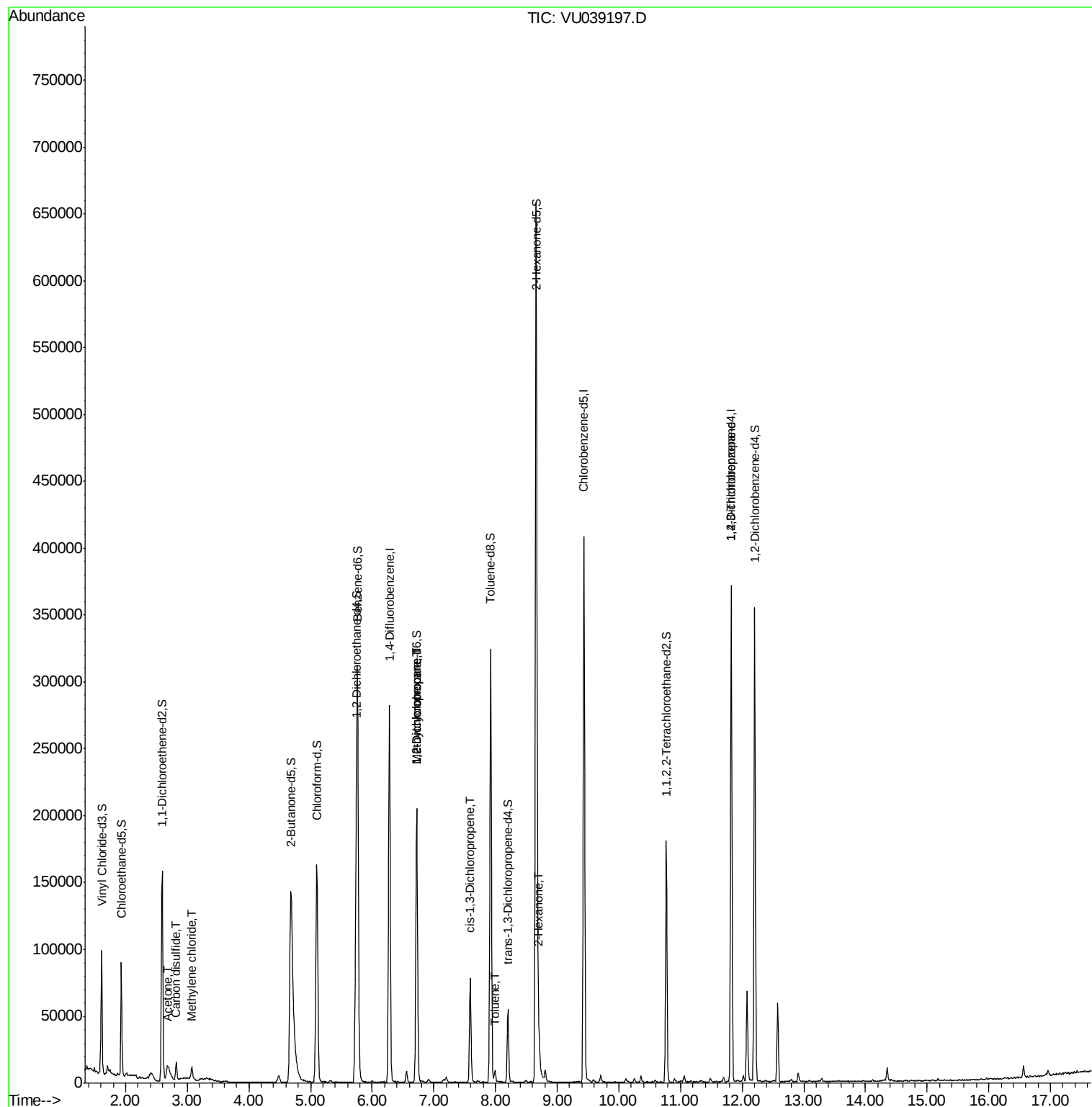
					Ovalue
13) Acetone	2.68	43	31469	8.322	ug/L 75
14) Carbon disulfide	2.82	76	17602	0.310	ug/L 99
16) Methylene chloride	3.08	84	1610	0.083	ug/L 84
35) Methylcyclohexane	6.72	83	23010	0.860	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	10408	0.559	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2176	0.081	ug/L # 82
42) Toluene	7.99	91	6110	0.087	ug/L 84
48) 2-Hexanone	8.70	43	11311	1.102	ug/L # 45
59) 1,2,3-Trichloropropane	11.82	75	12685	0.905	ug/L # 88

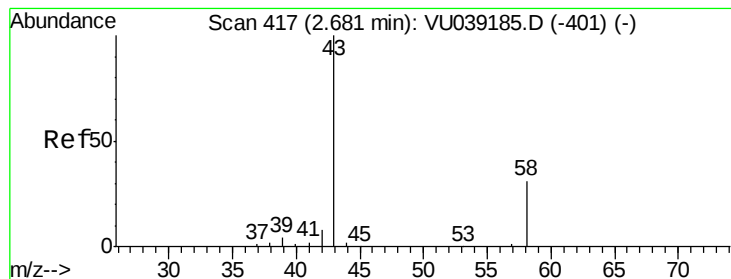
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.322 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU039197.D

Acq: 29 Jun 2020 17:32

Instrument :

MSVOA_U

ClientSampleId :

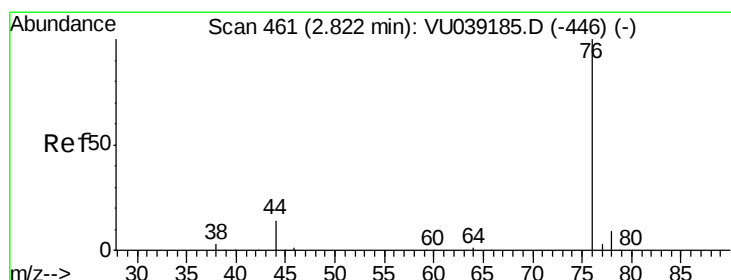
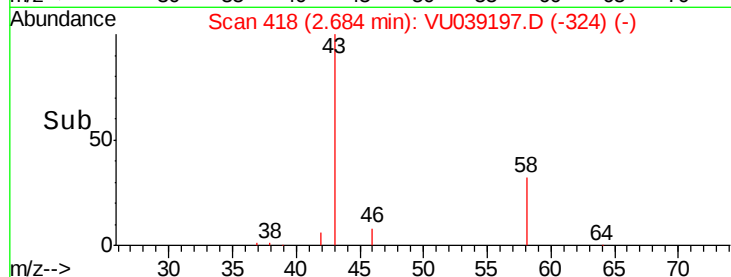
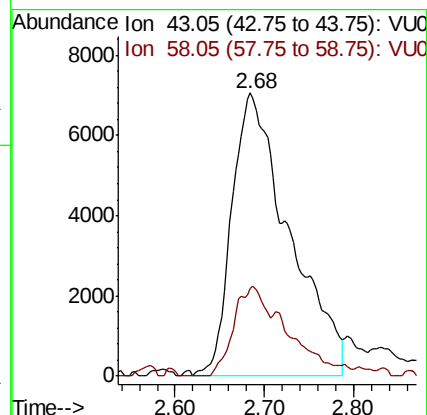
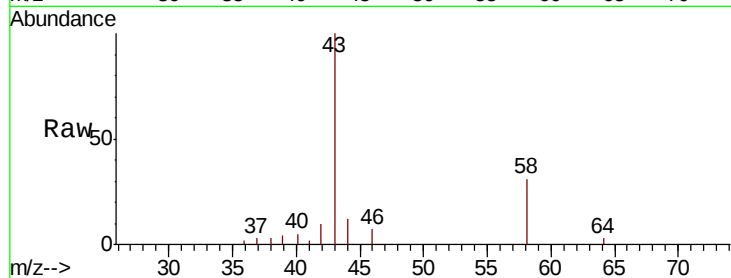
F9Q61

Tot Ion: 43 Resp: 31469

Ion Ratio Lower Upper

43 100

58 17.7 0.0 63.2



#14

Carbon disulfide

Concen: 0.310 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU039197.D

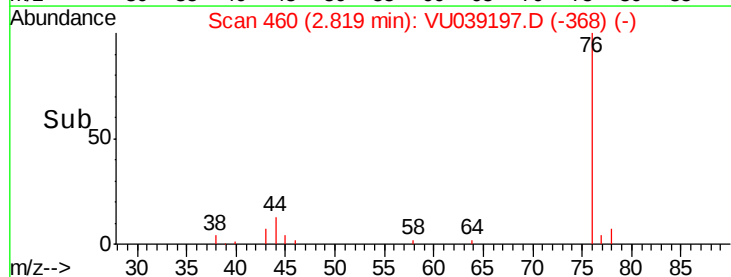
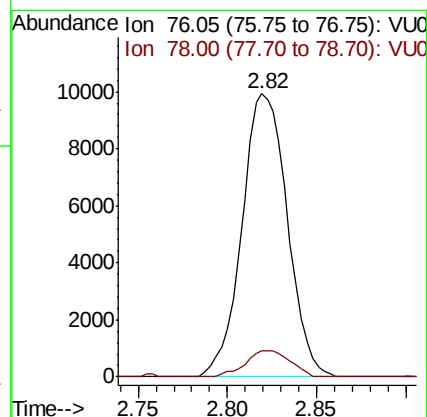
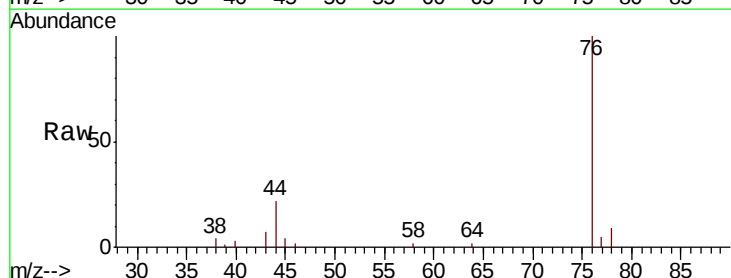
Acq: 29 Jun 2020 17:32

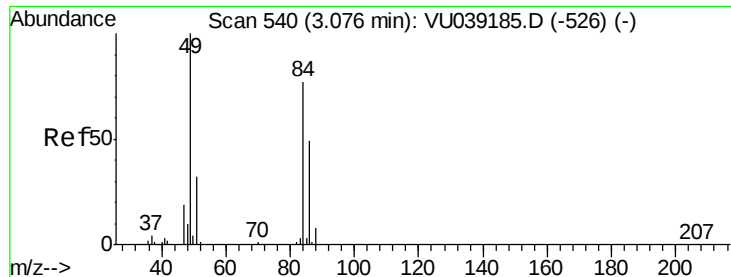
Tgt Ion: 76 Resp: 17602

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

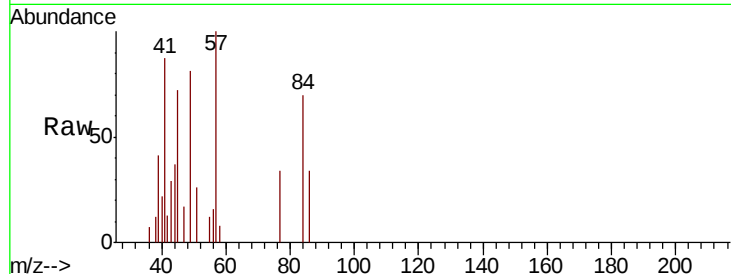




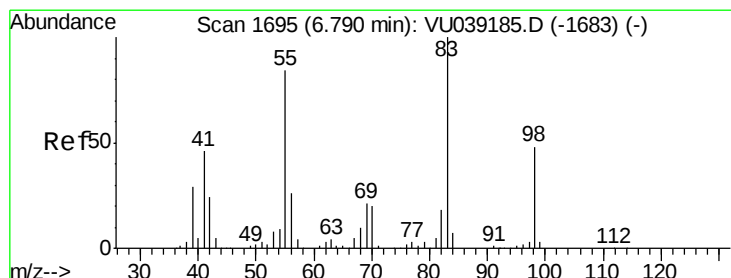
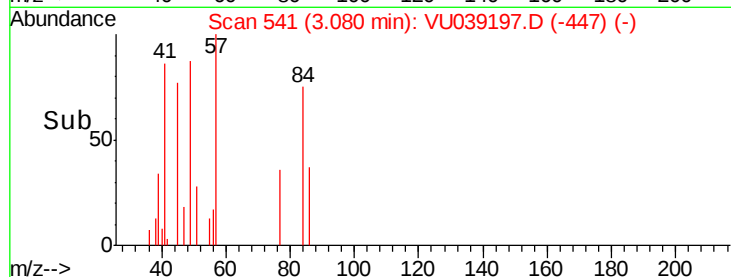
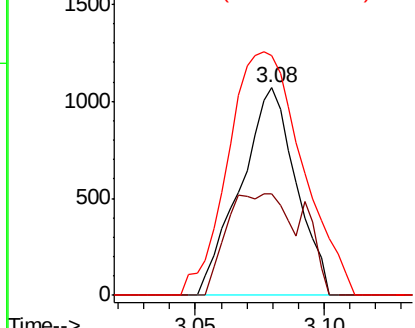
#16
Methvlene chloride
Concen: 0.083 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039197.D
Acq: 29 Jun 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :
F9Q61

Tot Ion: 84 Resp: 1610
Ion Ratio Lower Upper
84 100
86 48.8 44.2 82.2
49 116.0 93.2 173.0

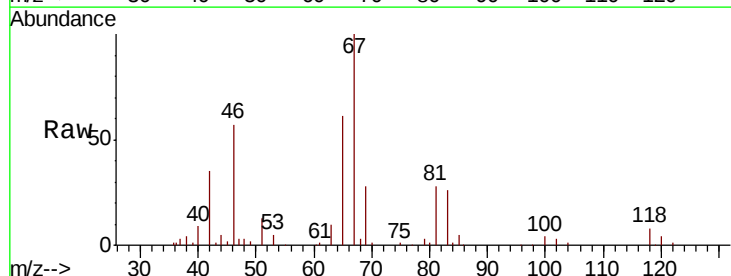


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

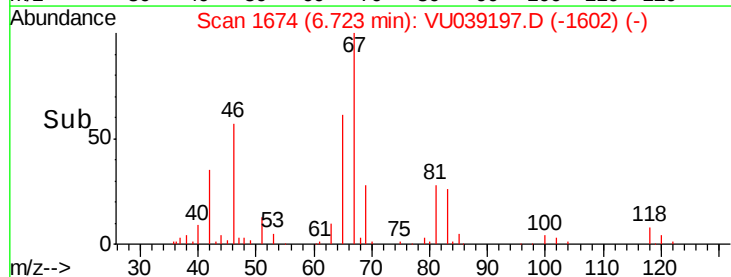
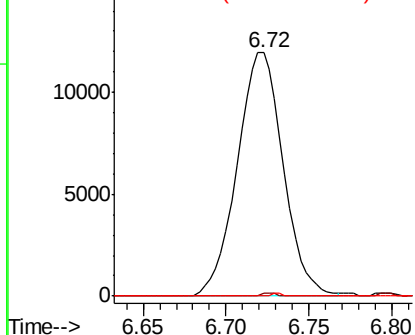


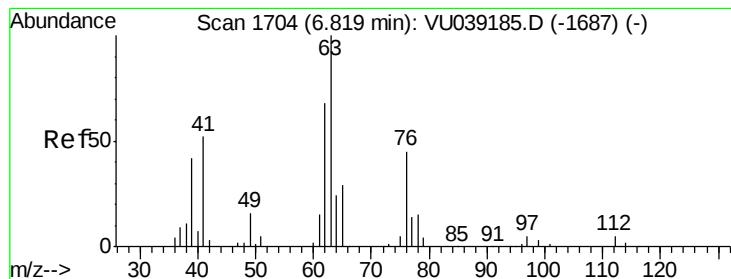
#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039197.D
Acq: 29 Jun 2020 17:32

Tgt Ion: 83 Resp: 23010
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 0.2 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: 0.559 ug/L

RT: 6.72 min Scan# 1672

Delta R.T. -0.10 min

Lab File: VU039197.D

Acq: 29 Jun 2020 17:32

Instrument :

MSVOA_U

ClientSampleId :

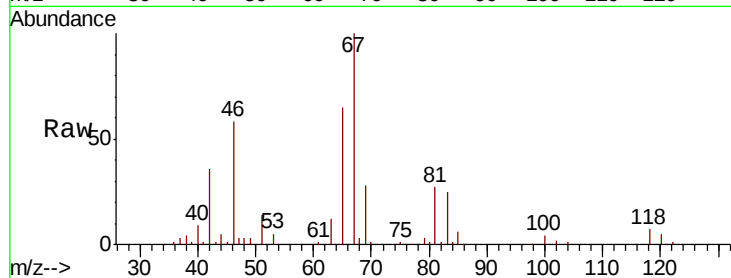
F9Q61

Tot Ion: 63 Resp: 10408

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039185.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU039185.D (-1687) (-)

6000

5000

4000

3000

2000

1000

0

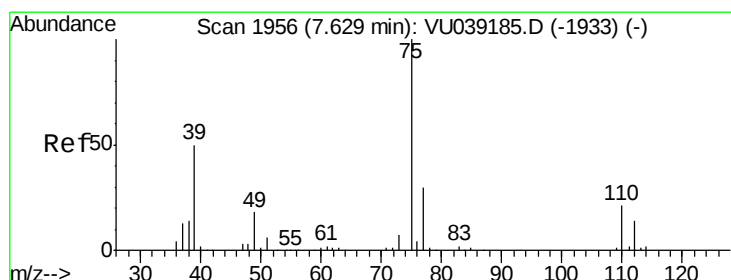
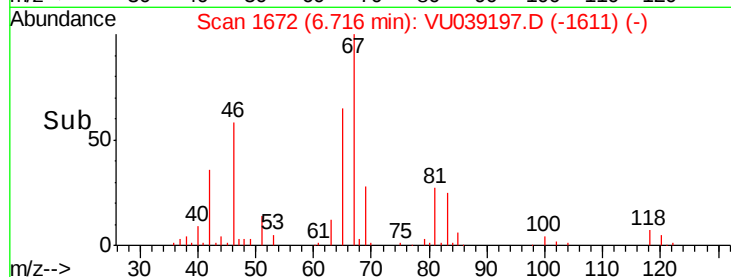
6.65

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: VU039197.D

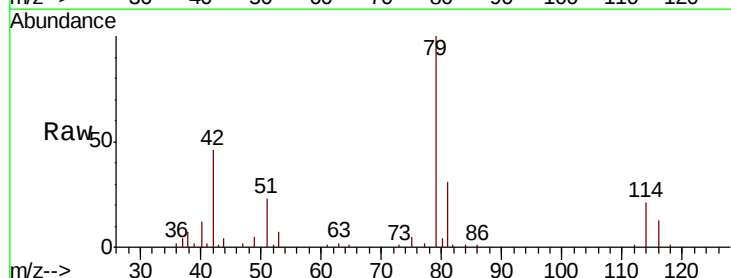
Acq: 29 Jun 2020 17:32

Tgt Ion: 75 Resp: 2176

Ion Ratio Lower Upper

75 100

77 42.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU039185.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU039185.D (-1933) (-)

1500

1000

500

0

7.55

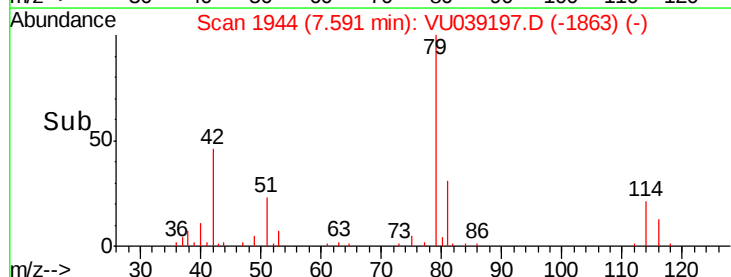
7.60

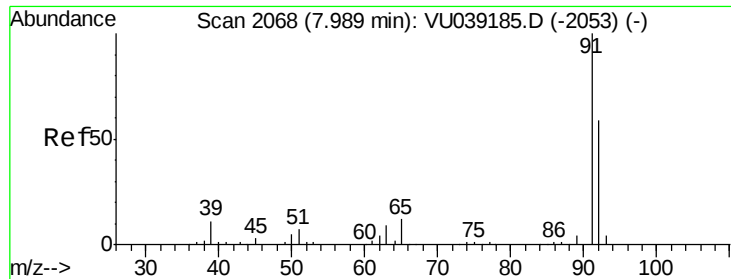
7.65

7.70

7.75

Time-->





#42

Toluene

Concen: 0.087 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: VU039197.D

Acq: 29 Jun 2020 17:32

Instrument :

MSVOA_U

ClientSampleId :

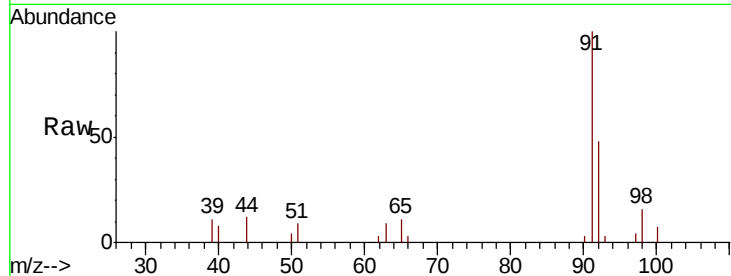
F9Q61

Tot Ion: 91 Resp: 6110

Ion Ratio Lower Upper

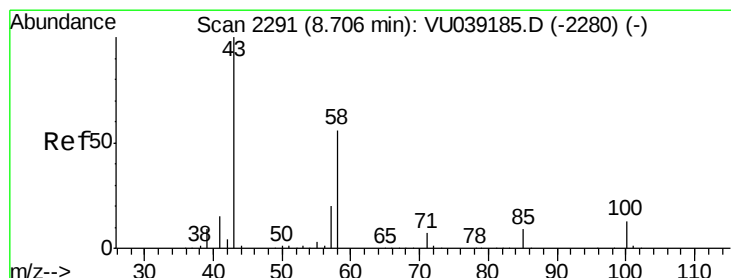
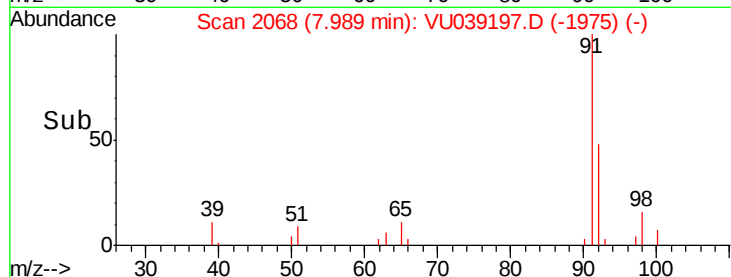
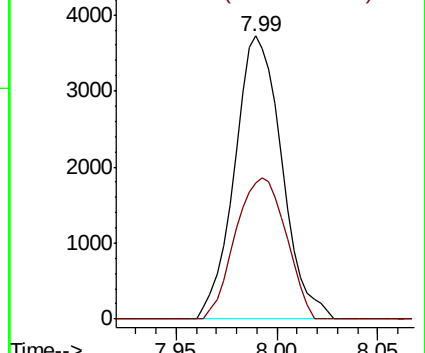
91 100

92 48.3 42.4 78.6



Abundance Ion 91.15 (90.85 to 91.85): VU039185.D (-2053) (-)

Ion 92.15 (91.85 to 92.85): VU039185.D (-2053) (-)



#48

2-Hexanone

Concen: 1.102 ug/L

RT: 8.70 min Scan# 2290

Delta R.T. -0.00 min

Lab File: VU039197.D

Acq: 29 Jun 2020 17:32

Tgt Ion: 43 Resp: 11311

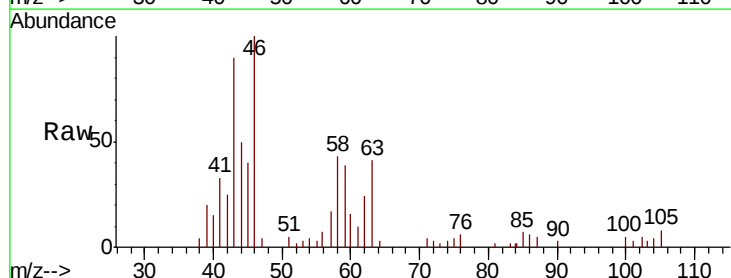
Ion Ratio Lower Upper

43 100

58 0.0 43.6 65.4#

57 11.5 15.6 23.4#

100 2.9 9.4 14.2#

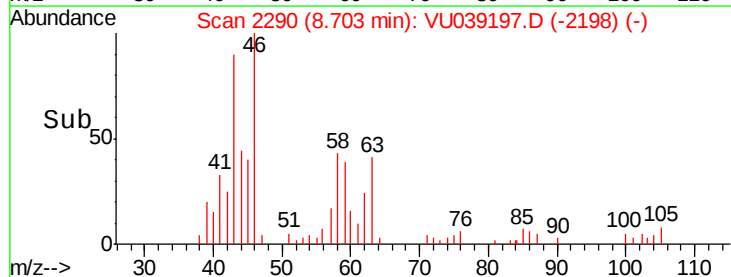
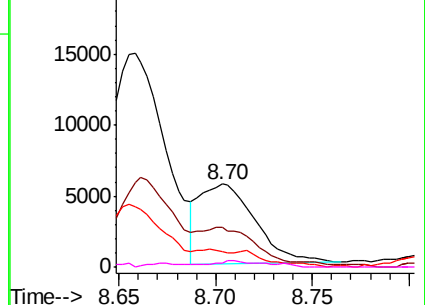


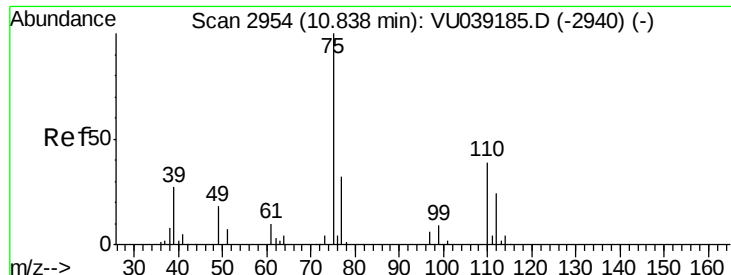
Abundance Ion 43.05 (42.75 to 43.75): VU039185.D (-2280) (-)

Ion 58.05 (57.75 to 58.75): VU039185.D (-2280) (-)

Ion 57.20 (56.90 to 57.90): VU039185.D (-2280) (-)

Ion 100.15 (99.85 to 100.85): VU039185.D (-2280) (-)





#59

1,2,3-Trichloropropane

Concen: 0.905 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039197.D

Acq: 29 Jun 2020 17:32

Instrument :

MSVOA_U

ClientSampleId :

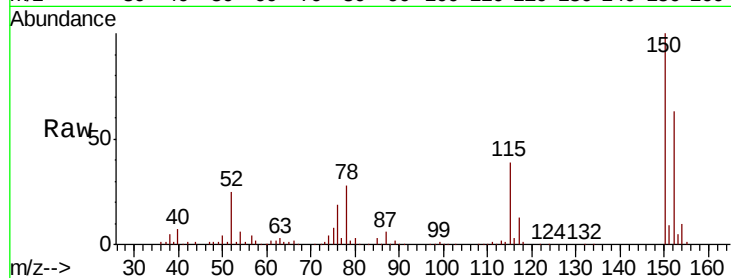
F9Q61

Tot Ion: 75 Resp: 12685

Ion Ratio Lower Upper

75 100

77 38.9 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

