

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039849.D
 Acq On : 13 Aug 2020 14:29
 Operator : SY/MD
 Sample : L3647-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB7H6

Quant Time: Aug 14 01:49:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	85068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83456	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18760	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.92	69	18461	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.58	63	25606	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.66	46	81652	40.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.82%
24) Chloroform-d	5.08	84	41872	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.72	65	26567	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.75	84	79390	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.71	67	28301	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.91	98	62140	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	8.19	79	9885	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.64	63	56648	40.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24948	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29817	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

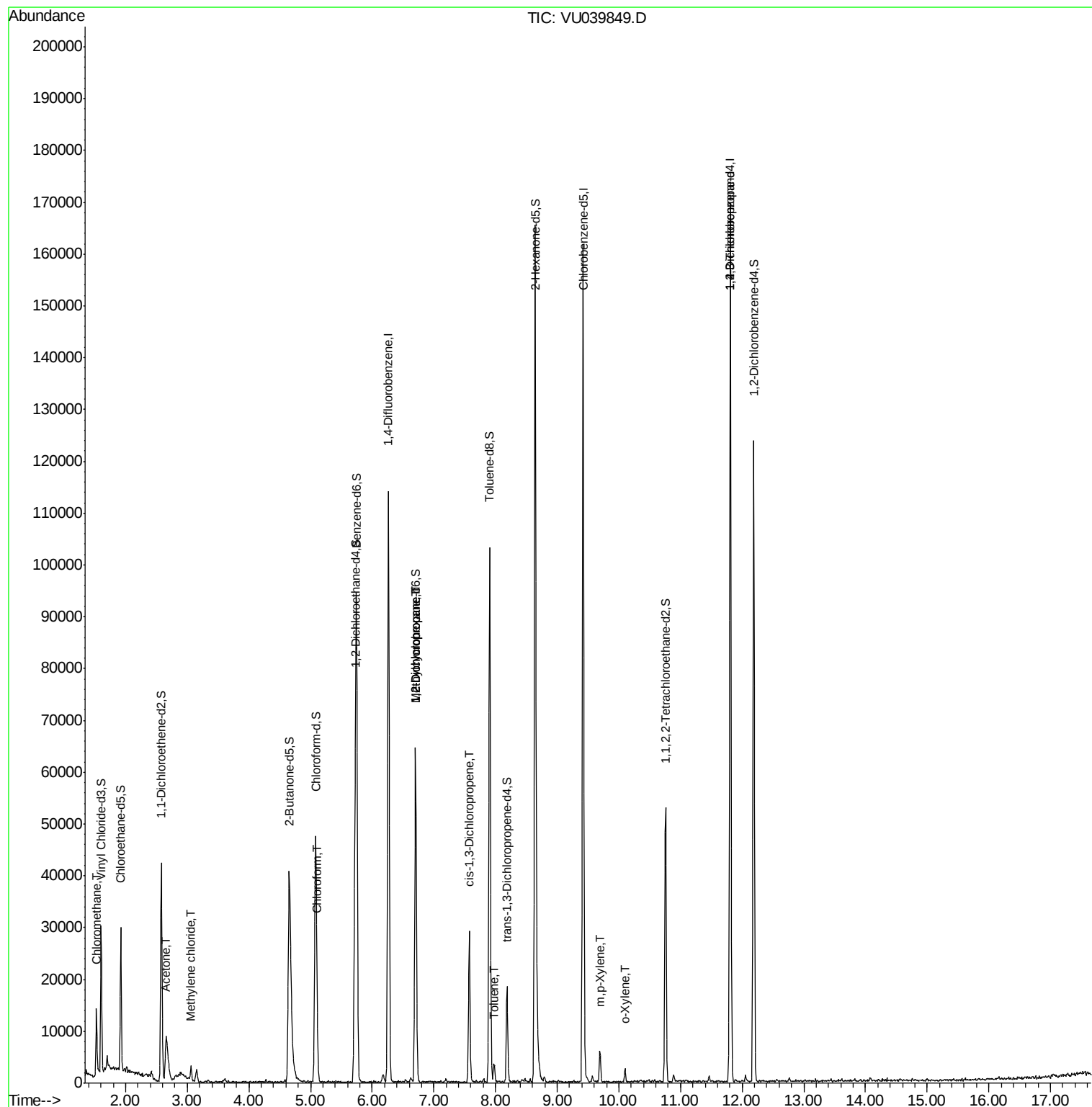
					Ovalue
3) Chloromethane	1.53	50	8958	1.242	ug/L 99
13) Acetone	2.66	43	18938	15.900	ug/L 63
16) Methylene chloride	3.06	84	1057	0.129	ug/L 95
25) Chloroform	5.11	83	2979	0.266	ug/L 100
35) Methylcyclohexane	6.70	83	6309	0.669	ug/L # 19
37) 1,2-Dichloropropane	6.70	63	3304	0.547	ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	1000	0.121	ug/L # 74
42) Toluene	7.98	91	2716	0.114	ug/L 84
53) m,p-Xylene	9.70	106	1620	0.159	ug/L 93
54) o-Xylene	10.10	106	920	0.092	ug/L # 50
59) 1,2,3-Trichloropropane	11.81	75	5875	1.349	ug/L # 83

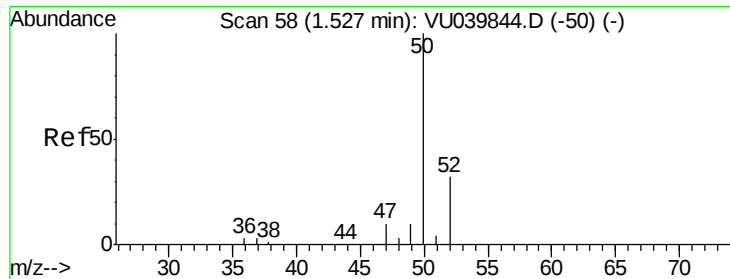
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 14 01:47:04 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.242 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039849.D

Acq: 13 Aug 2020 14:29

Instrument :

MSVOA_U

ClientSampleId :

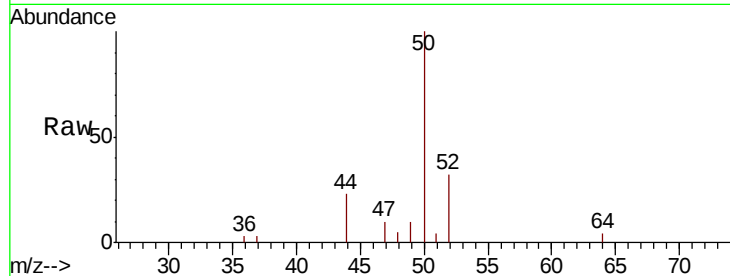
CB7H6

Tot Ion: 50 Resp: 8958

Ion Ratio Lower Upper

50 100

52 31.5 21.6 40.0



Abundance Ion 50.05 (49.75 to 50.75): VU039849.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU039849.D (-50) (-)

1.53

8000

6000

4000

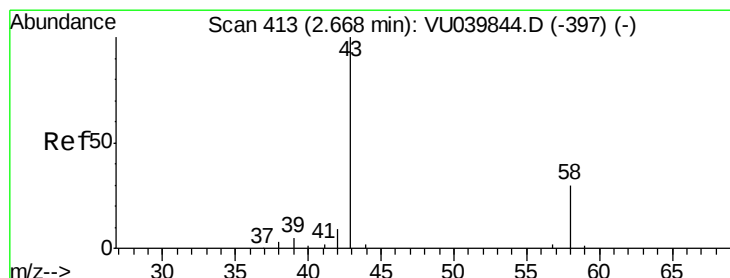
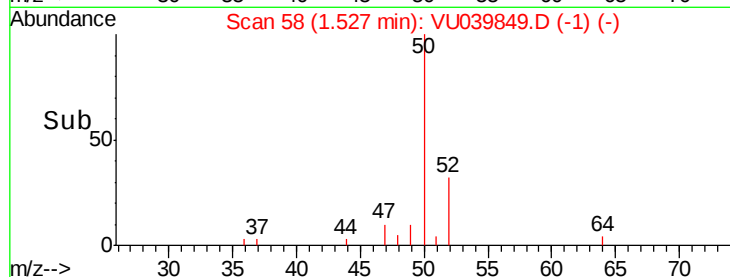
2000

0

1.50

1.55

Time-->



#13

Acetone

Concen: 15.900 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039849.D

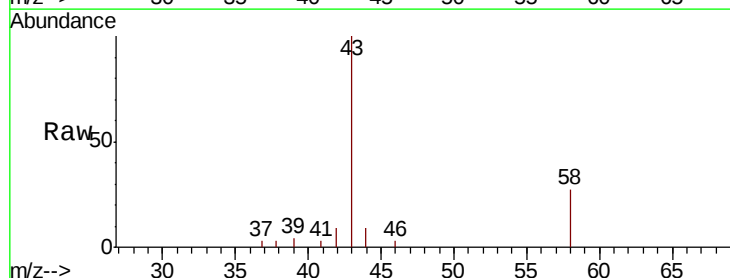
Acq: 13 Aug 2020 14:29

Tgt Ion: 43 Resp: 18938

Ion Ratio Lower Upper

43 100

58 10.6 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039849.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039849.D (-397) (-)

2.66

6000

5000

4000

3000

2000

1000

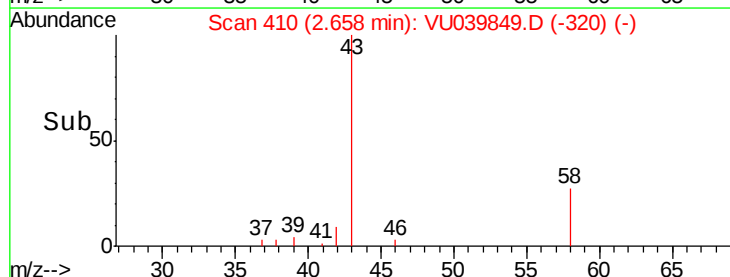
0

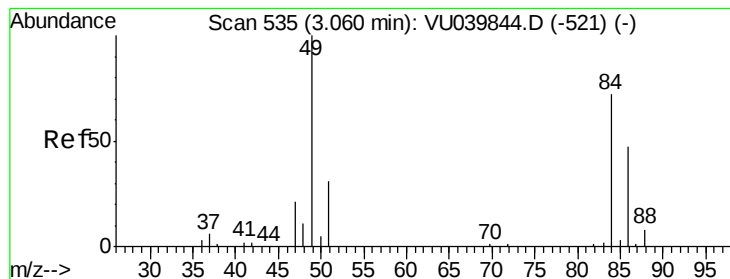
2.60

2.70

2.80

Time-->





#16

Methylene chloride

Concen: 0.129 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039849.D

Acq: 13 Aug 2020 14:29

Instrument :

MSVOA_U

ClientSampleId :

CB7H6

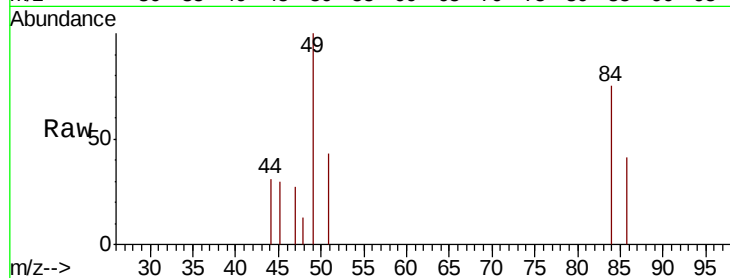
Tot Ion: 84 Resp: 1057

Ion Ratio Lower Upper

84 100

86 54.8 43.9 81.5

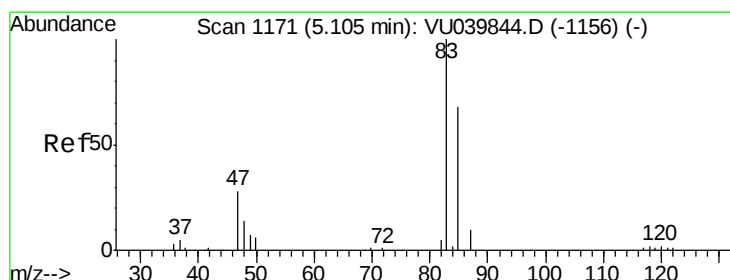
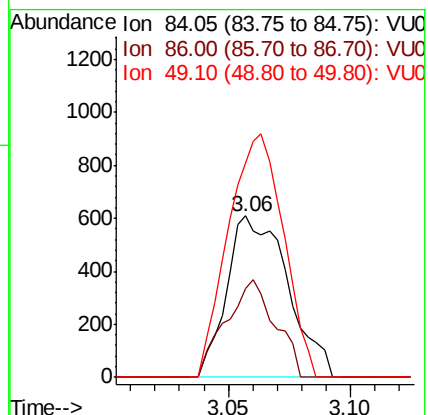
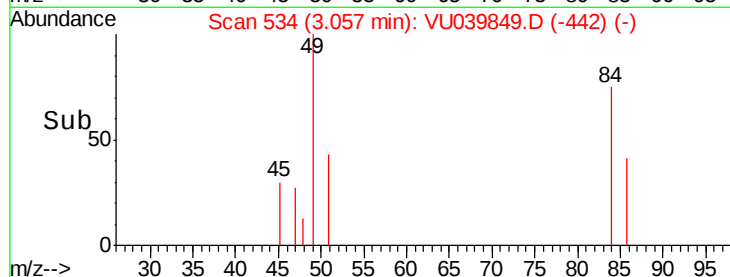
49 132.5 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU039849.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039849.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039849.D (-442) (-)



#25

Chloroform

Concen: 0.266 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039849.D

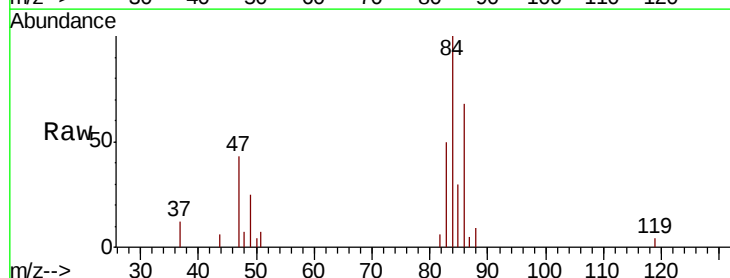
Acq: 13 Aug 2020 14:29

Tgt Ion: 83 Resp: 2979

Ion Ratio Lower Upper

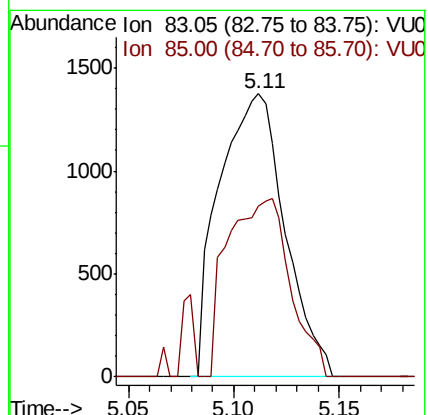
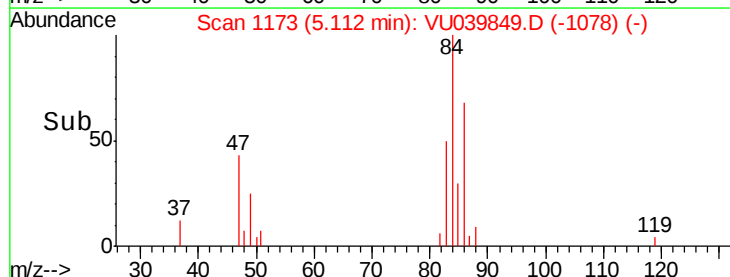
83 100

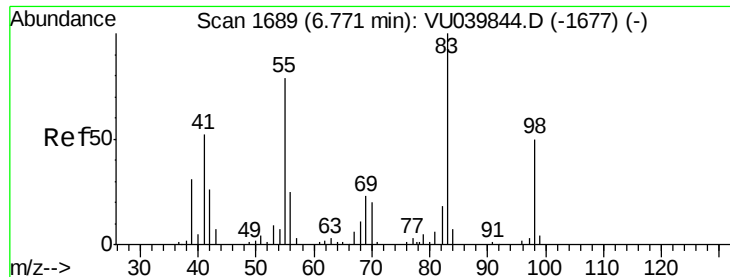
85 60.5 42.1 78.3



Abundance Ion 83.05 (82.75 to 83.75): VU039849.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039849.D (-1078) (-)

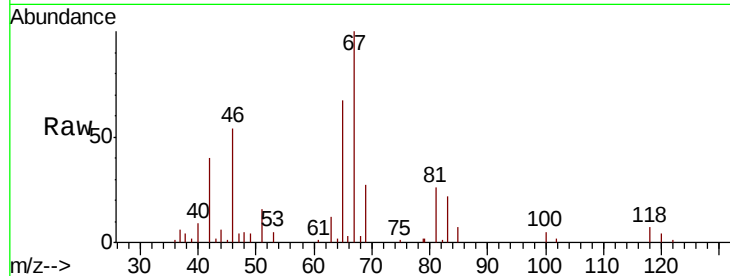




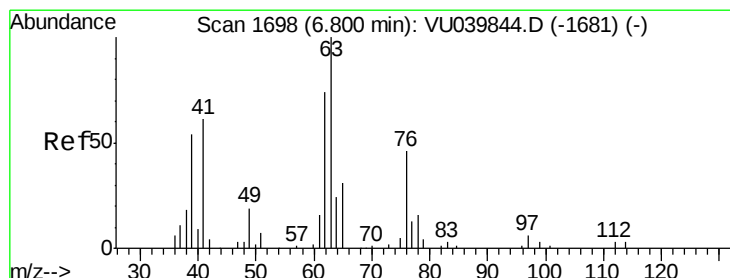
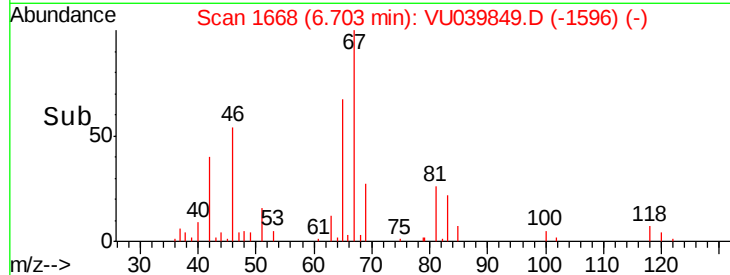
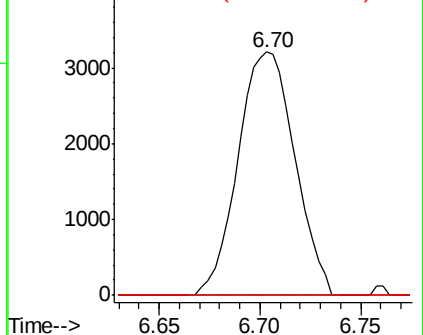
#35
Methvlcvclohexane
Concen: 0.669 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039849.D
Acq: 13 Aug 2020 14:29

Instrument :
MSVOA_U
ClientSampleId :
CB7H6

Tot Ion: 83 Resp: 6309
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

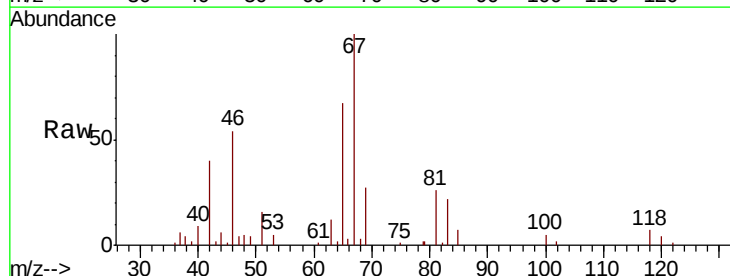


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

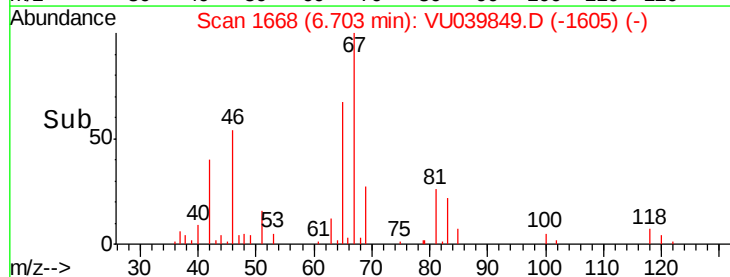
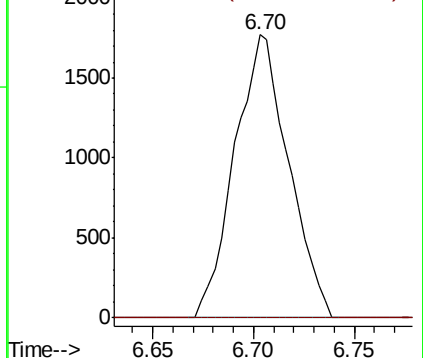


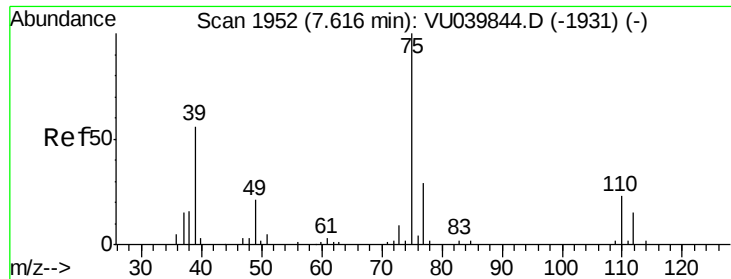
#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039849.D
Acq: 13 Aug 2020 14:29

Tgt Ion: 63 Resp: 3304
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

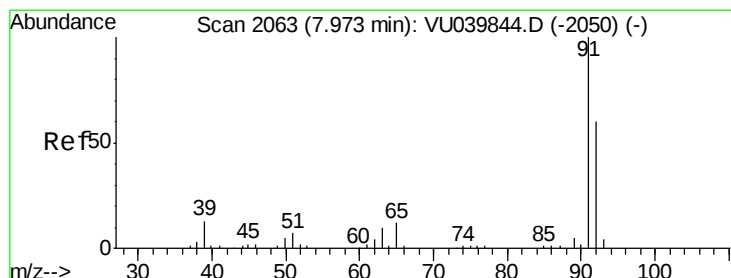
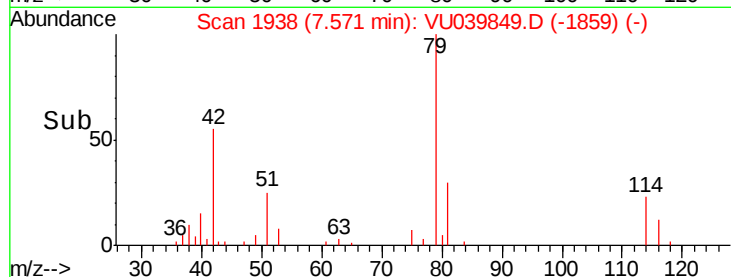
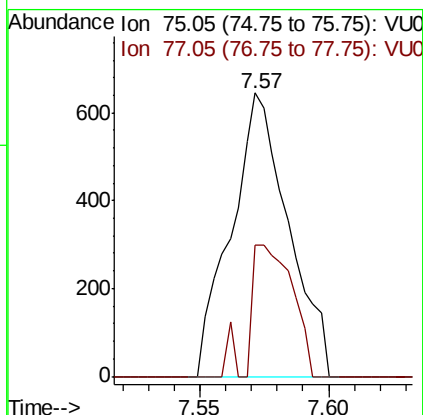
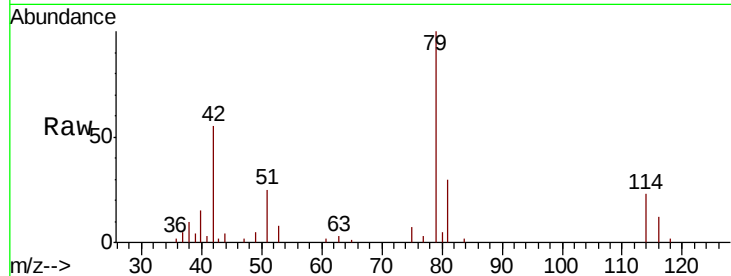




#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039849.D
 Acq: 13 Aug 2020 14:29

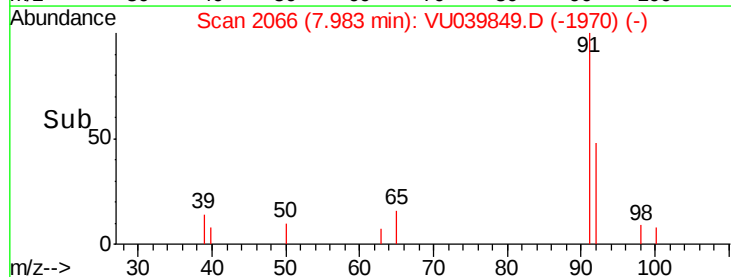
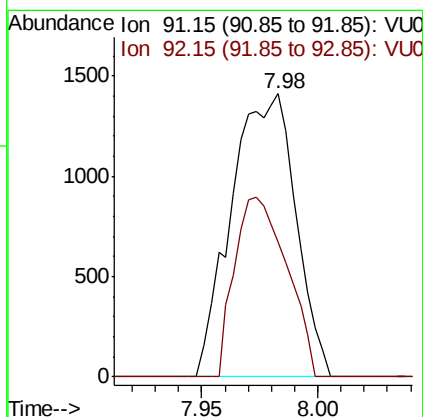
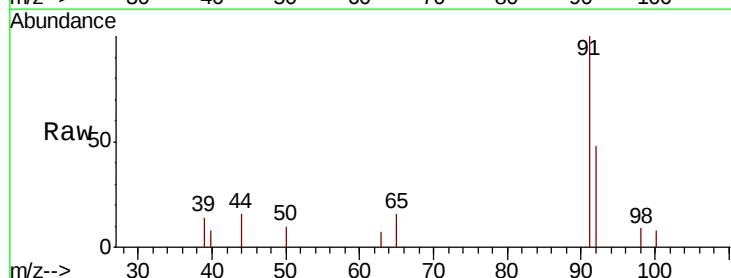
Instrument :
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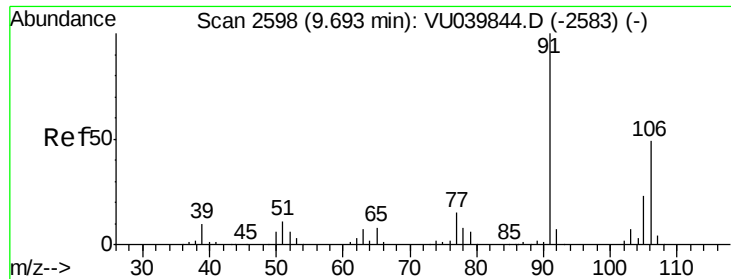
Tot Ion: 75 Resp: 1000
 Ion Ratio Lower Upper
 75 100
 77 46.4 22.4 41.6#



#42
 Toluene
 Concen: 0.114 ug/L
 RT: 7.98 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: VU039849.D
 Acq: 13 Aug 2020 14:29

Tgt Ion: 91 Resp: 2716
 Ion Ratio Lower Upper
 91 100
 92 47.8 41.6 77.3





#53

m,p-Xylene

Concen: 0.159 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039849.D

Acq: 13 Aug 2020 14:29

Instrument :

MSVOA_U

ClientSampleId :

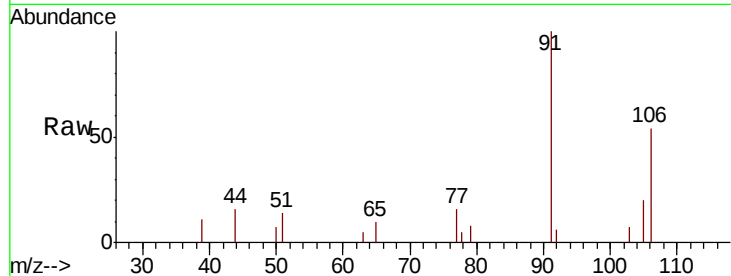
CB7H6

Tot Ion:106 Resp: 1620

Ion Ratio Lower Upper

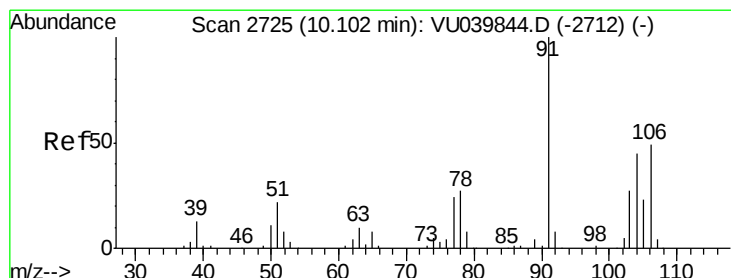
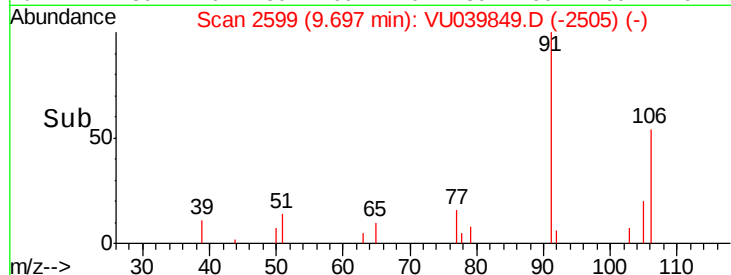
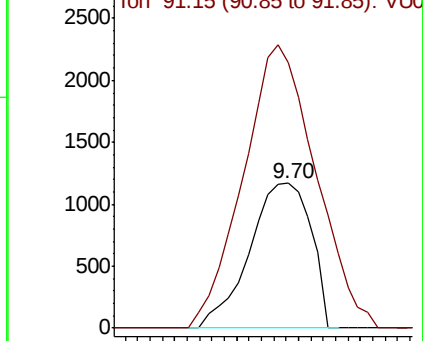
106 100

91 183.6 135.5 251.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.092 ug/L

RT: 10.10 min Scan# 2723

Delta R.T. -0.01 min

Lab File: VU039849.D

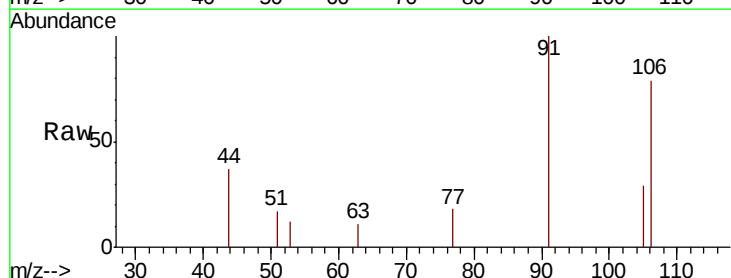
Acq: 13 Aug 2020 14:29

Tgt Ion:106 Resp: 920

Ion Ratio Lower Upper

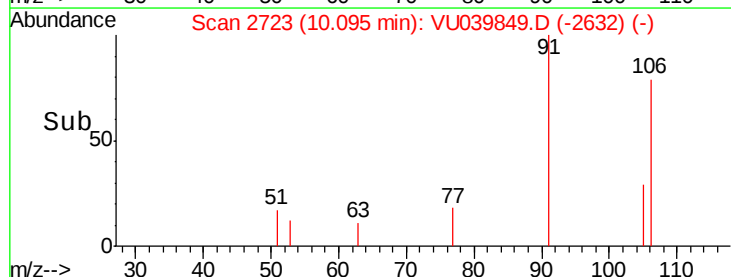
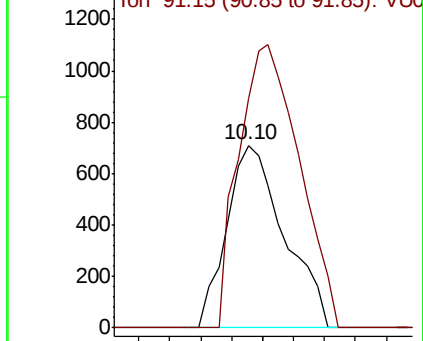
106 100

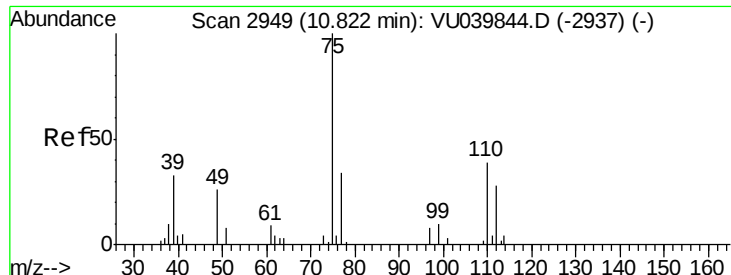
91 125.9 140.8 261.6#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.349 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039849.D

Acq: 13 Aug 2020 14:29

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 5875

Ion Ratio Lower Upper

75 100

77 39.9 24.6 37.0#

