

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039989.D
 Acq On : 27 Aug 2020 13:46
 Operator : SY/MD
 Sample : L3821-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB6

Quant Time: Aug 28 01:13:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 28 01:12:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70011	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23990	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.92	69	22722	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.58	63	41210	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.67	46	82283	42.10	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.20%
24) Chloroform-d	5.08	84	55611	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.72	65	33154	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.75	84	98549	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	33604	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	83234	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	14004	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.64	63	60035	41.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28461	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	37885	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

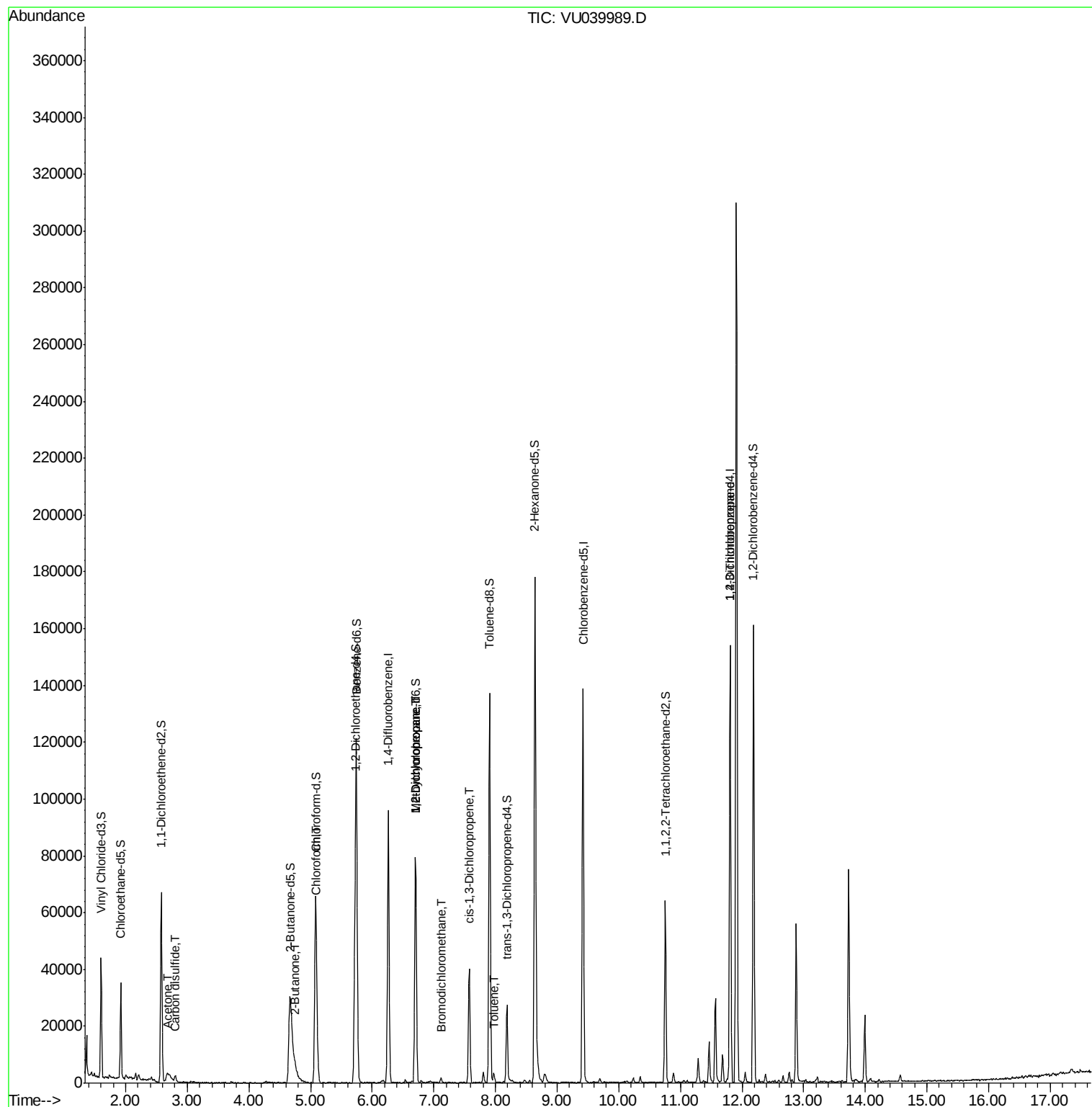
					Ovalue
13) Acetone	2.68	43	5024	3.762 ug/L #	24
14) Carbon disulfide	2.81	76	2614	0.132 ug/L	98
21) 2-Butanone	4.75	43	4198	1.809 ug/L #	55
25) Chloroform	5.11	83	9208	0.771 ug/L	92
35) Methylcyclohexane	6.70	83	7628	0.759 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4303	0.640 ug/L #	85
38) Bromodichloromethane	7.12	83	1623	0.190 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1084	0.115 ug/L #	57
42) Toluene	7.98	91	2501	0.097 ug/L	92
59) 1,2,3-Trichloropropane	11.81	75	5255	1.091 ug/L	91

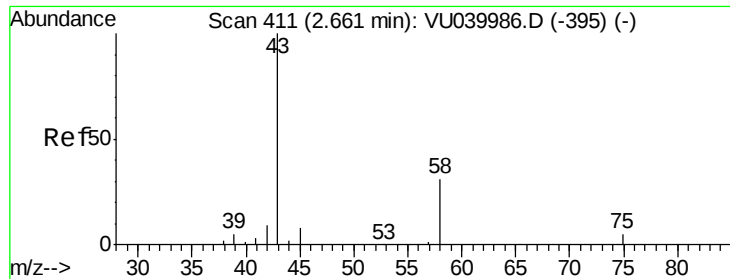
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.762 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU039989.D

Acq: 27 Aug 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

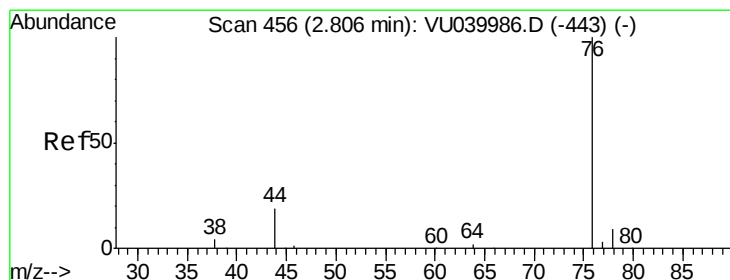
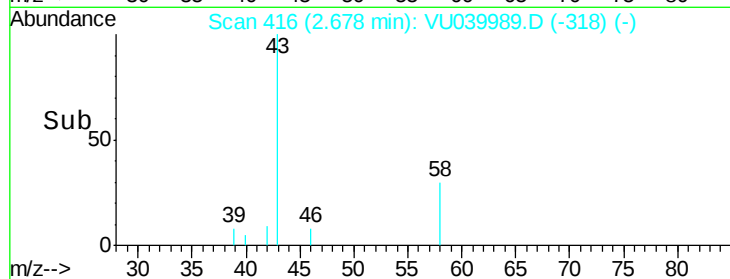
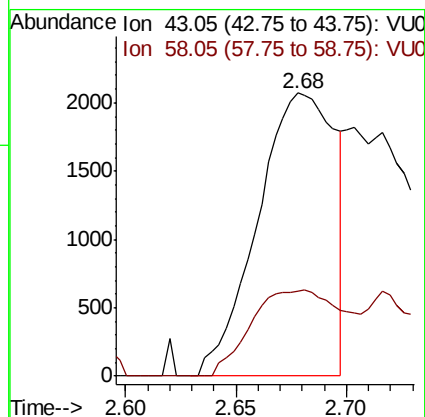
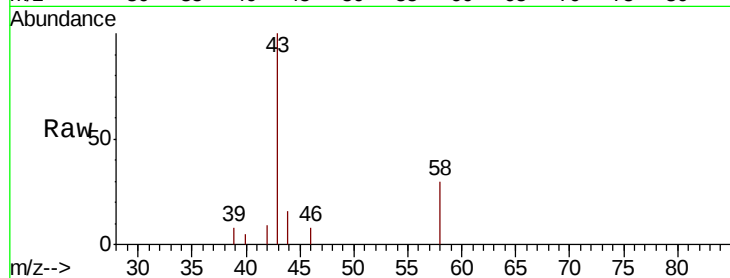
H0AB6

Tot Ion: 43 Resp: 5024

Ion Ratio Lower Upper

43 100

58 37.5 0.0 19.0#



#14

Carbon disulfide

Concen: 0.132 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039989.D

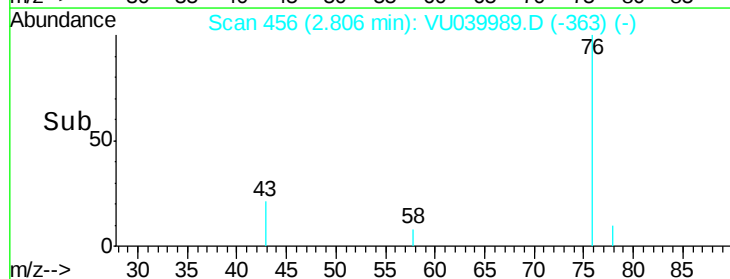
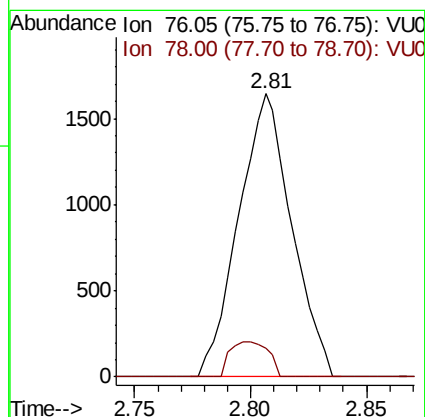
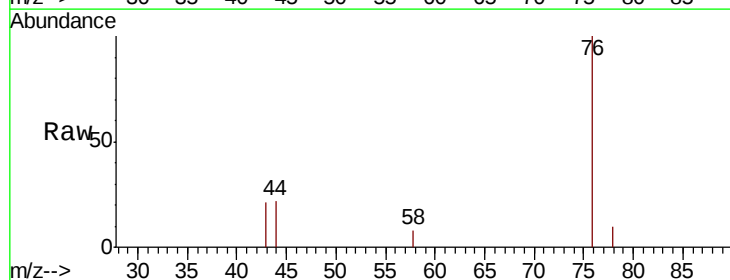
Acq: 27 Aug 2020 13:46

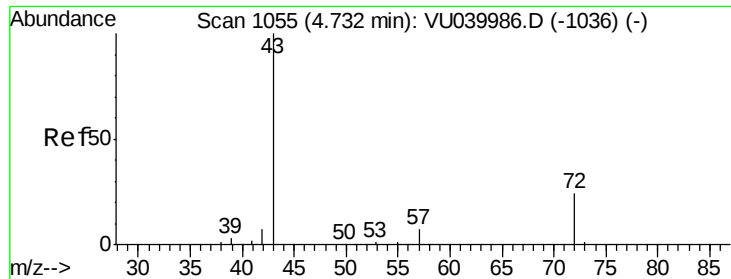
Tgt Ion: 76 Resp: 2614

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0





#21

2-Butanone

Concen: 1.809 ug/L

RT: 4.75 min Scan# 1060

Delta R.T. 0.02 min

Lab File: VU039989.D

Acq: 27 Aug 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

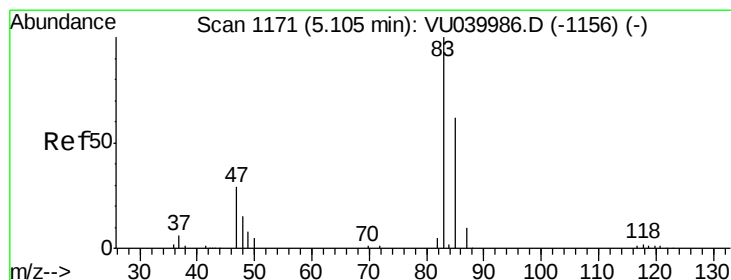
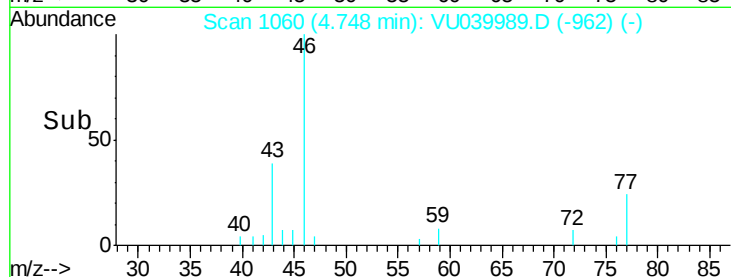
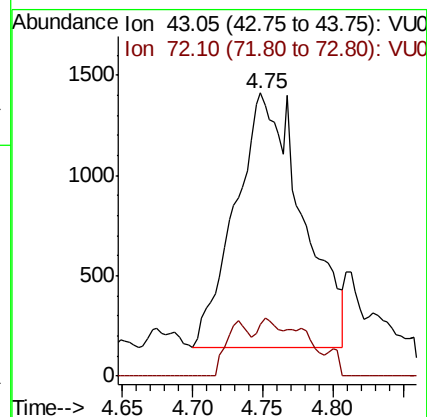
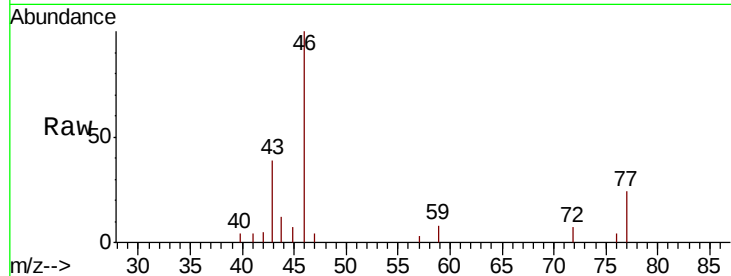
H0AB6

Tot Ion: 43 Resp: 4198

Ion Ratio Lower Upper

43 100

72 2.8 12.7 38.0#



#25

Chloroform

Concen: 0.771 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU039989.D

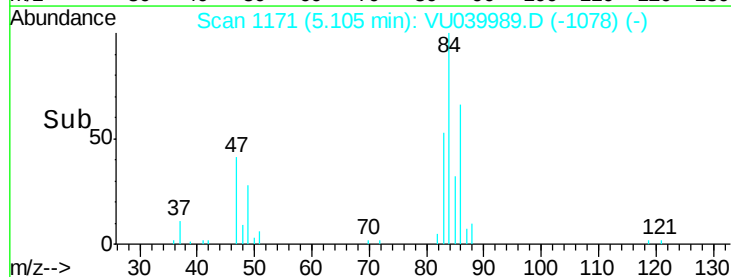
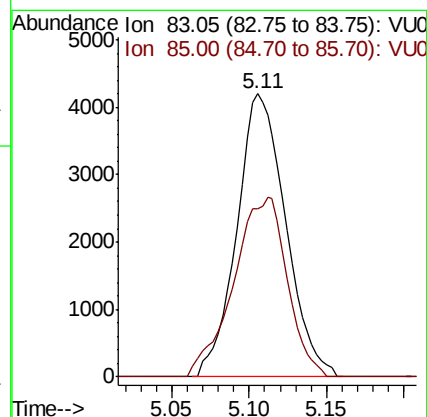
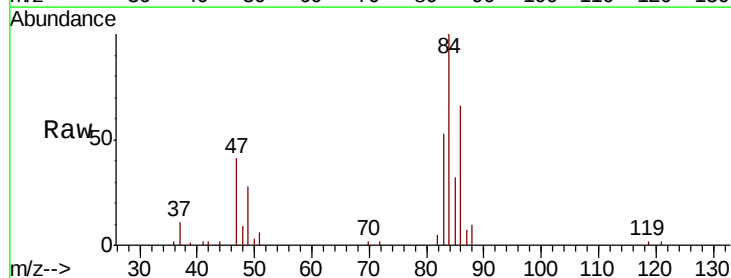
Acq: 27 Aug 2020 13:46

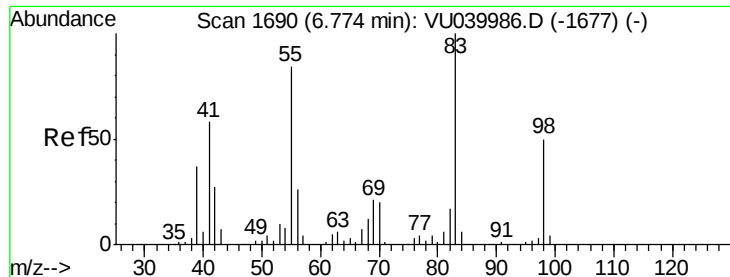
Tgt Ion: 83 Resp: 9208

Ion Ratio Lower Upper

83 100

85 59.6 46.4 86.2

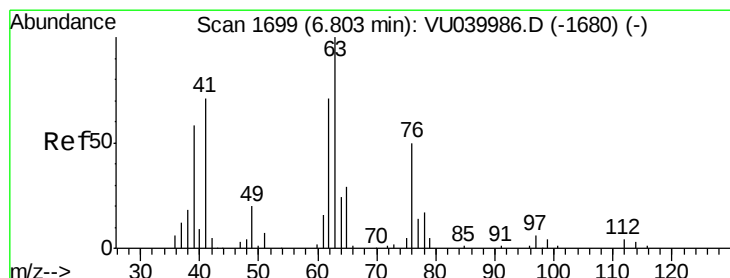
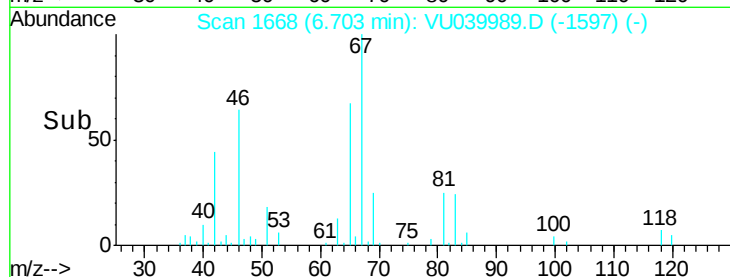
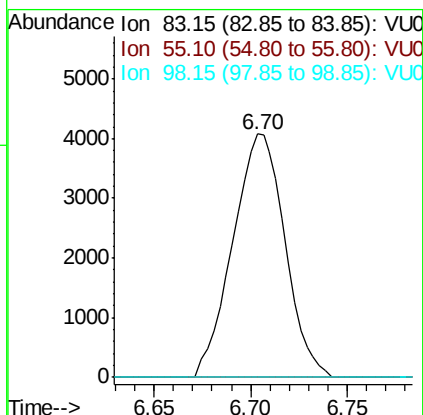
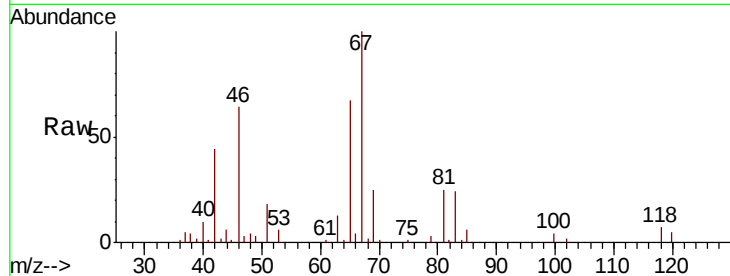




#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039989.D
Acq: 27 Aug 2020 13:46

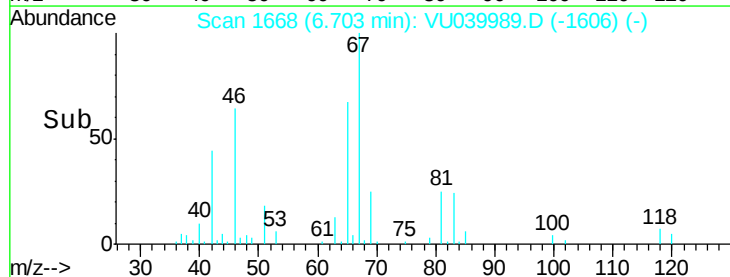
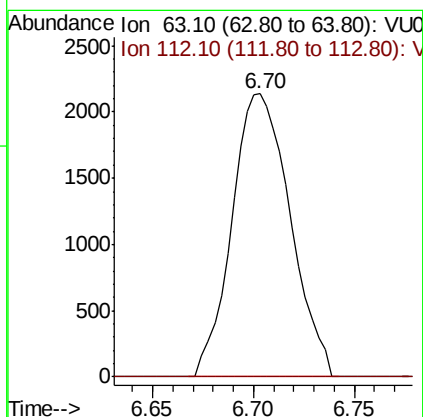
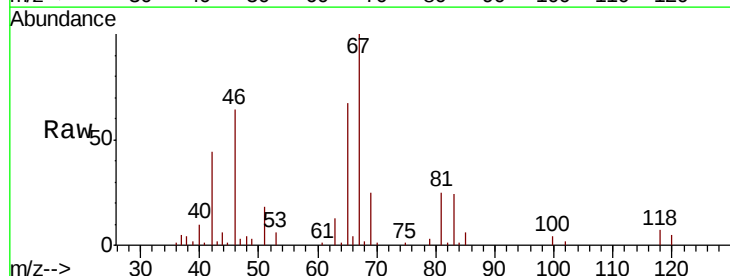
Instrument :
MSVOA_U
ClientSampleId :
H0AB6

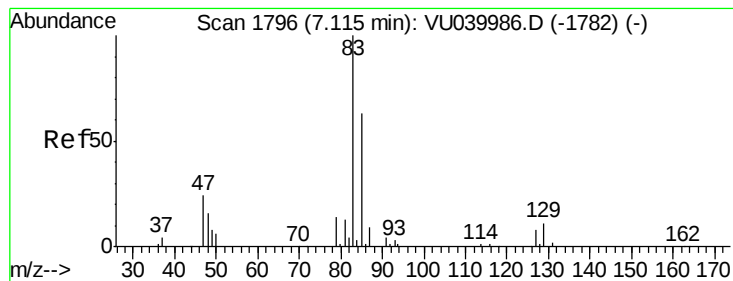
Tot Ion: 83 Resp: 7628
Ion Ratio Lower Upper
83 100
55 0.3 64.1 96.1#
98 1.3 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039989.D
Acq: 27 Aug 2020 13:46

Tgt Ion: 63 Resp: 4303
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#38

Bromodichloromethane

Concen: 0.190 ug/L

RT: 7.12 min Scan# 1798

Delta R.T. 0.01 min

Lab File: VU039989.D

Acq: 27 Aug 2020 13:46

Instrument :

MSVOA_U

ClientSampled :

H0AB6

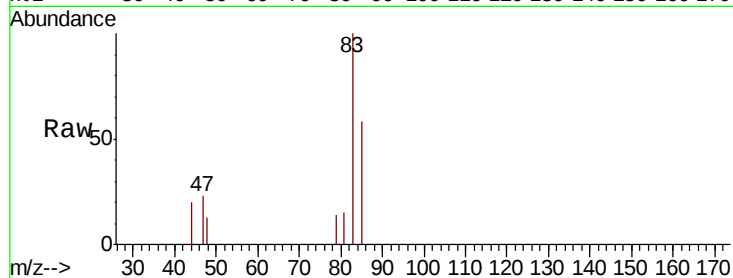
Tot Ion: 83 Resp: 1623

Ion Ratio Lower Upper

83 100

85 57.6 44.3 82.3

127 0.0 6.7 10.1#

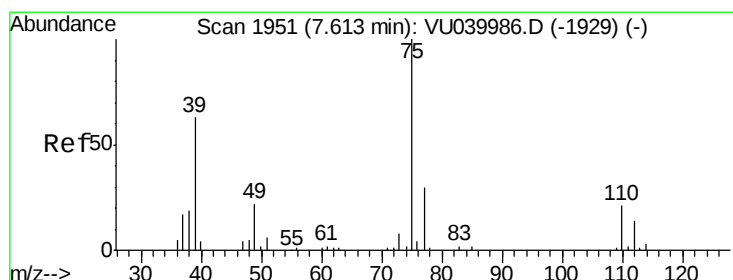
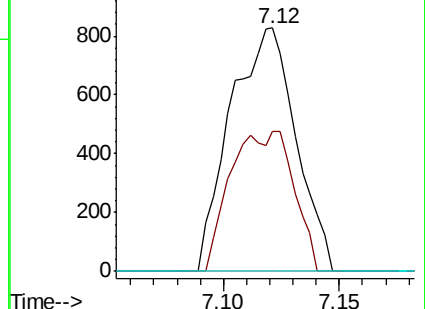
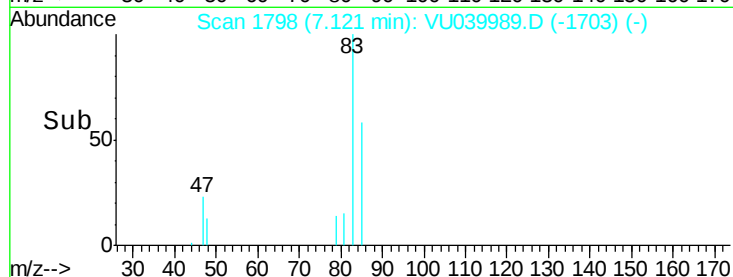


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039989.D

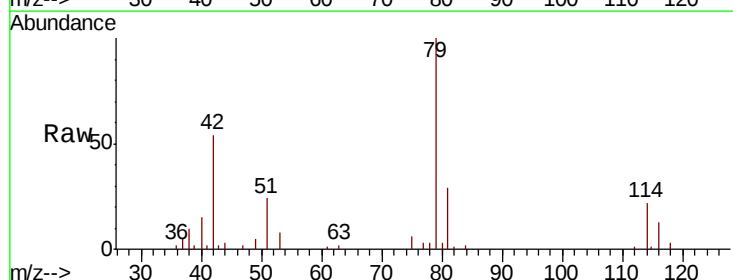
Acq: 27 Aug 2020 13:46

Tgt Ion: 75 Resp: 1084

Ion Ratio Lower Upper

75 100

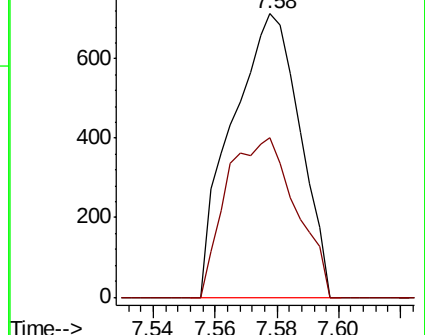
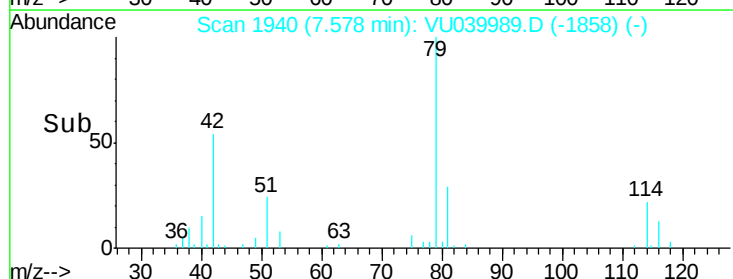
77 56.1 22.6 42.0#

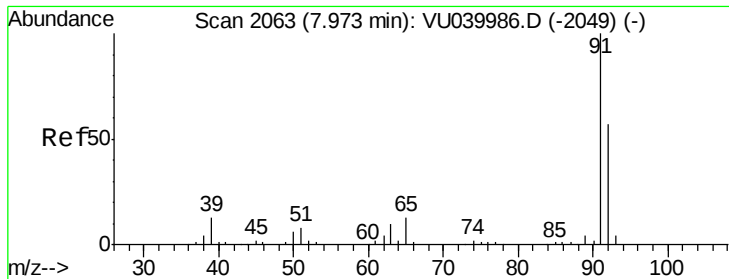


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

Time-->





#42

Toluene

Concen: 0.097 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039989.D

Acq: 27 Aug 2020 13:46

Instrument :

MSVOA_U

ClientSampled :

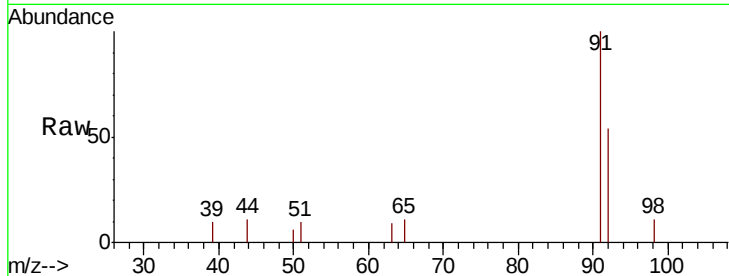
H0AB6

Tot Ion: 91 Resp: 2501

Ion Ratio Lower Upper

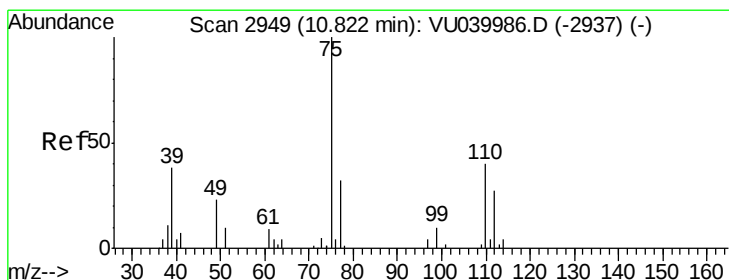
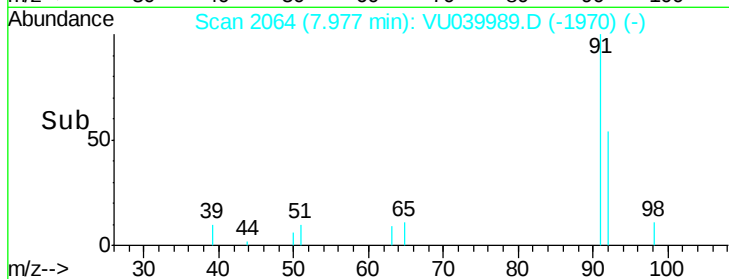
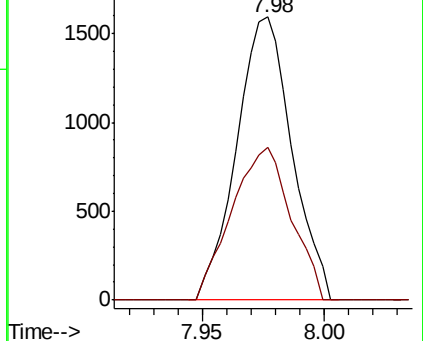
91 100

92 54.0 42.3 78.5



Abundance Ion 91.15 (90.85 to 91.85): VU039986.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU039989.D (-1970) (-)



#59

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039989.D

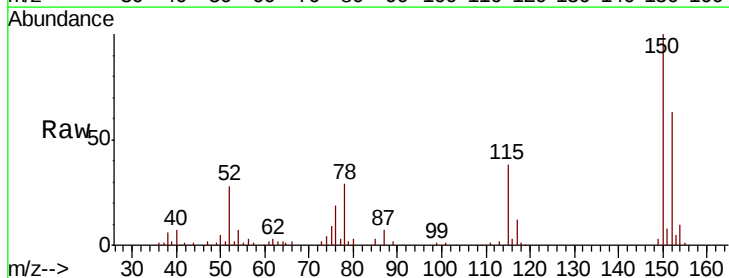
Acq: 27 Aug 2020 13:46

Tgt Ion: 75 Resp: 5255

Ion Ratio Lower Upper

75 100

77 39.5 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU039986.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039989.D (-2327) (-)

