

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039993.D
 Acq On : 27 Aug 2020 15:50
 Operator : SY/MD
 Sample : L3821-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB5

Quant Time: Aug 28 02:03:13 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	85774	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26712	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.92	69	24408	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.58	63	42994	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.66	46	102214	42.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.38%
24) Chloroform-d	5.08	84	62196	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	36082	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	105063	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.70	67	35322	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.90	98	93600	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.18	79	14650	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	73303	42.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29404	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	40360	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

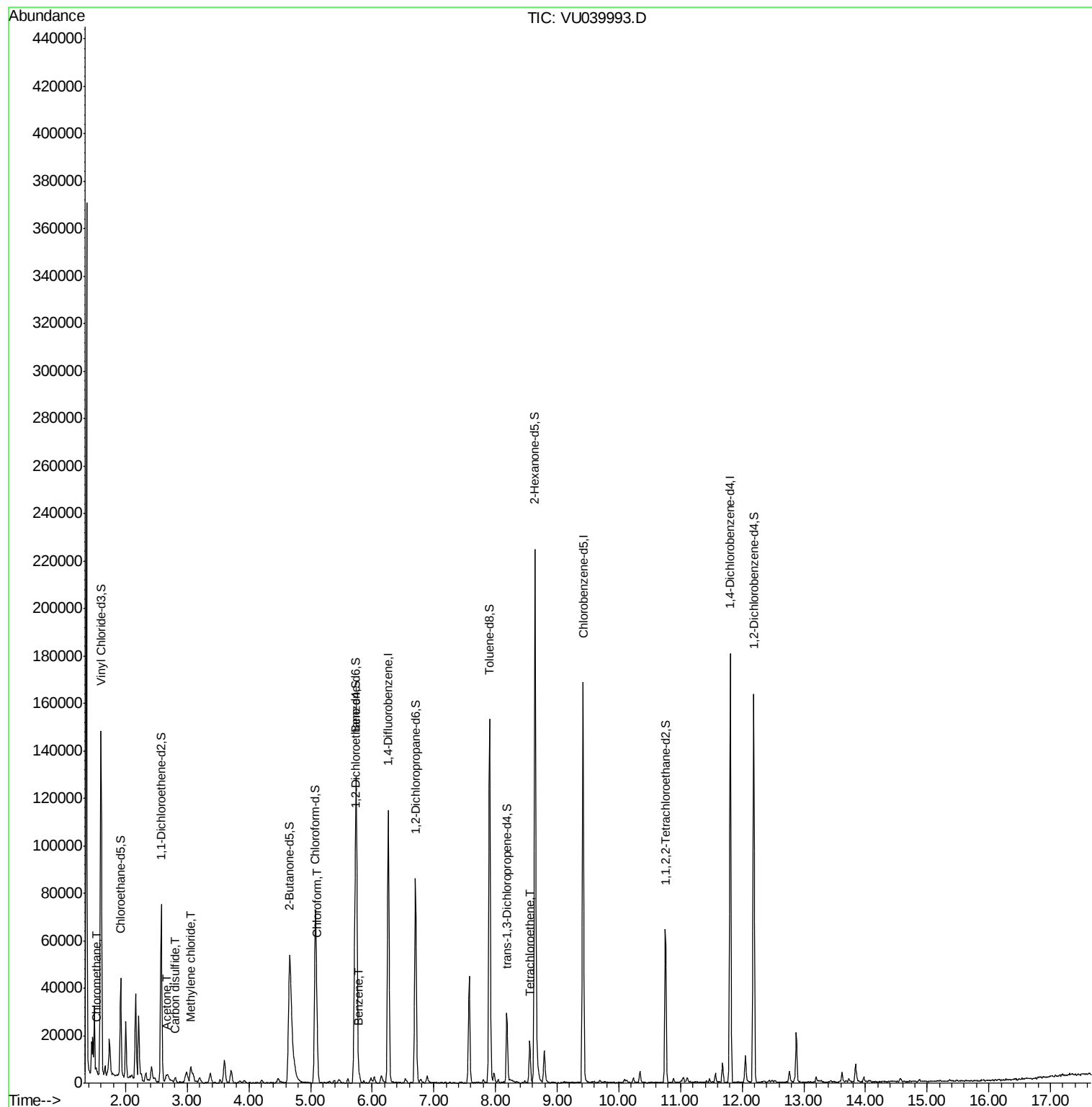
					Ovalue
3) Chloromethane	1.53	50	2096	0.208 ug/L	97
13) Acetone	2.67	43	7414	4.532 ug/L	77
14) Carbon disulfide	2.81	76	2373	0.098 ug/L #	87
16) Methylene chloride	3.06	84	2486	0.241 ug/L	95
25) Chloroform	5.11	83	8797	0.601 ug/L	100
33) Benzene	5.79	78	2720	0.090 ug/L	100
47) Tetrachloroethene	8.56	164	3512	0.607 ug/L	95

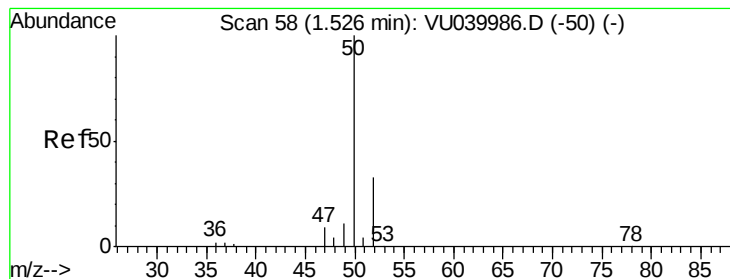
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039993.D

Acq: 27 Aug 2020 15:50

Instrument :

MSVOA_U

ClientSampleId :

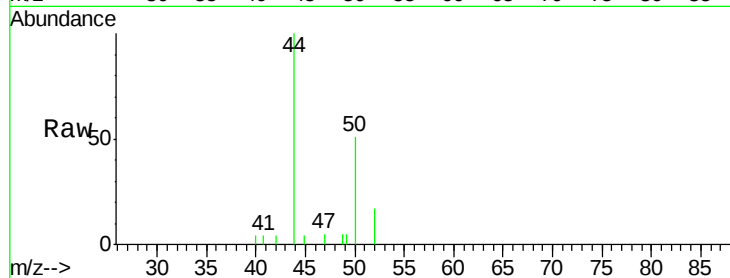
H0AB5

Tot Ion: 50 Resp: 2096

Ion Ratio Lower Upper

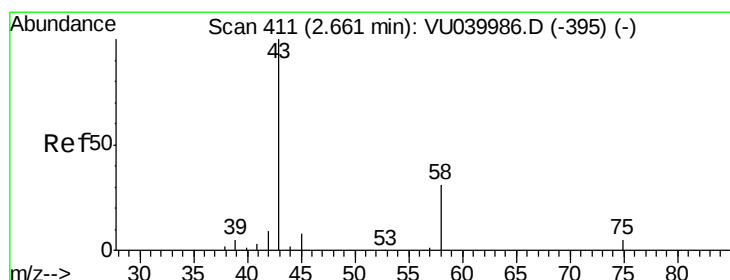
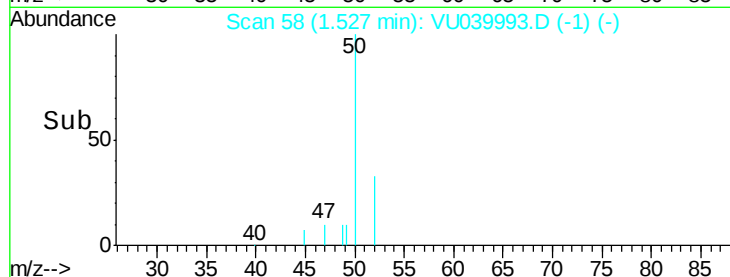
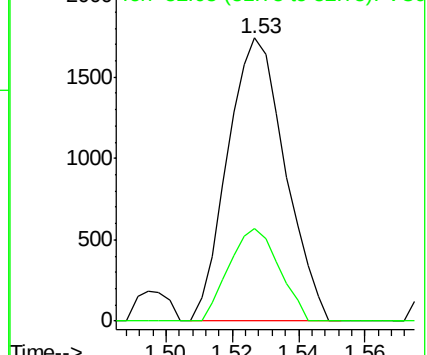
50 100

52 32.7 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU039993.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU039993.D (-1) (-)



#13

Acetone

Concen: 4.532 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU039993.D

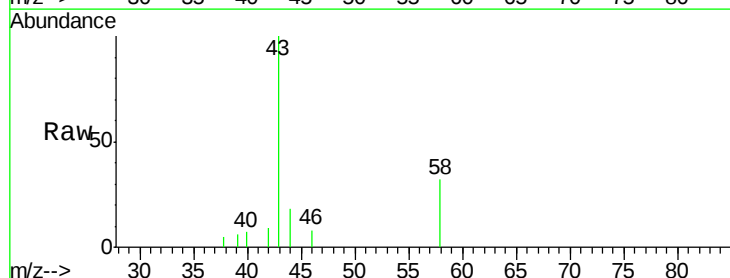
Acq: 27 Aug 2020 15:50

Tgt Ion: 43 Resp: 7414

Ion Ratio Lower Upper

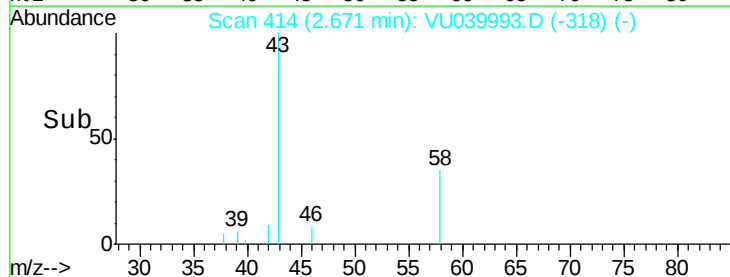
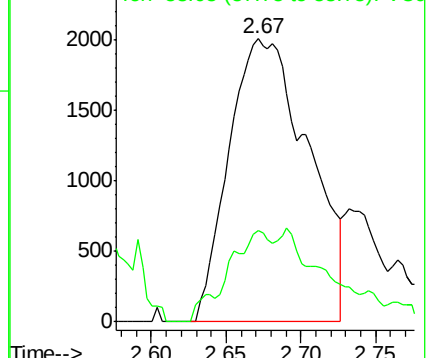
43 100

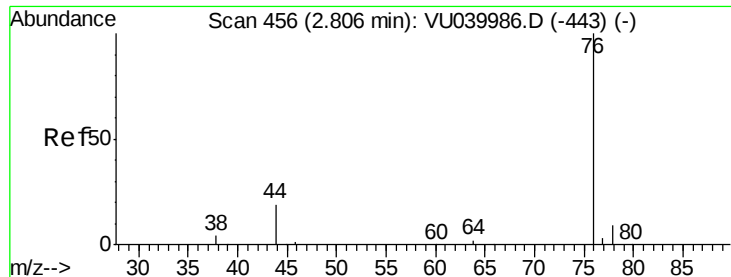
58 17.8 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039993.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU039993.D (-318) (-)





#14

Carbon disulfide

Concen: 0.098 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039993.D

Acq: 27 Aug 2020 15:50

Instrument :

MSVOA_U

ClientSampleId :

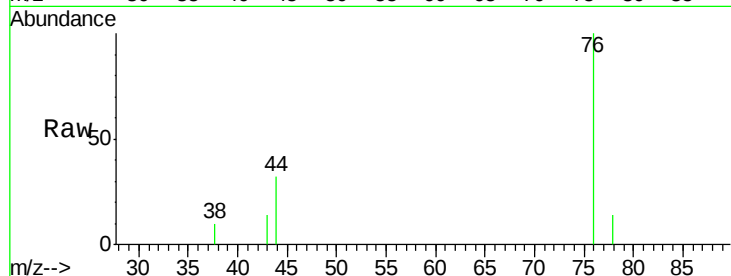
H0AB5

Tot Ion: 76 Resp: 2373

Ion Ratio Lower Upper

76 100

78 14.1 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU039986.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU039986.D (-443) (-)

2.81

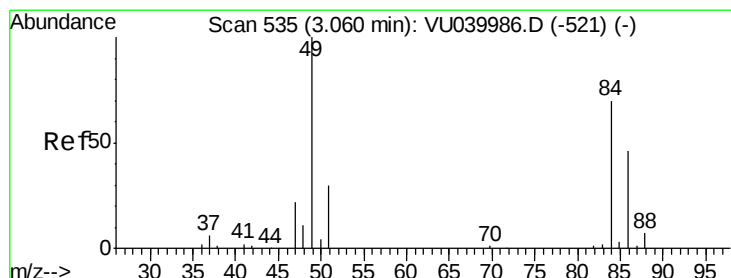
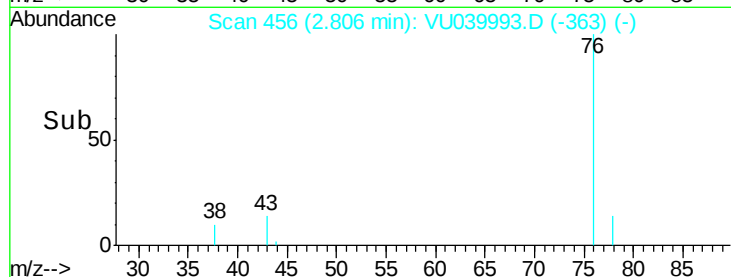
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 0.241 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039993.D

Acq: 27 Aug 2020 15:50

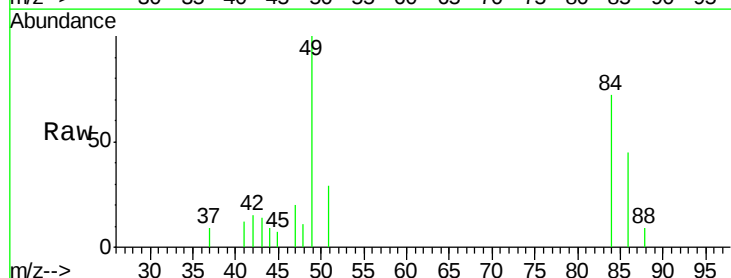
Tgt Ion: 84 Resp: 2486

Ion Ratio Lower Upper

84 100

86 62.0 47.2 87.6

49 138.0 99.8 185.4



Abundance Ion 84.05 (83.75 to 84.75): VU039986.D (-521) (-)

Ion 86.00 (85.70 to 86.70): VU039986.D (-521) (-)

Ion 49.10 (48.80 to 49.80): VU039986.D (-521) (-)

2500

2000

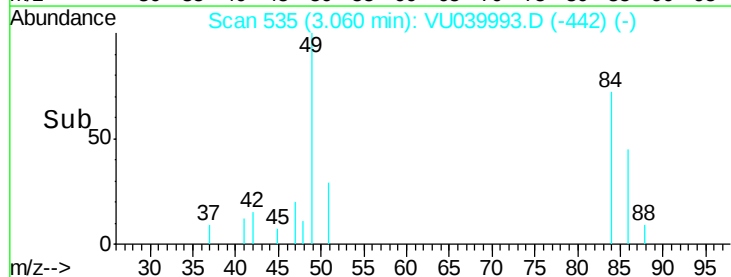
1500

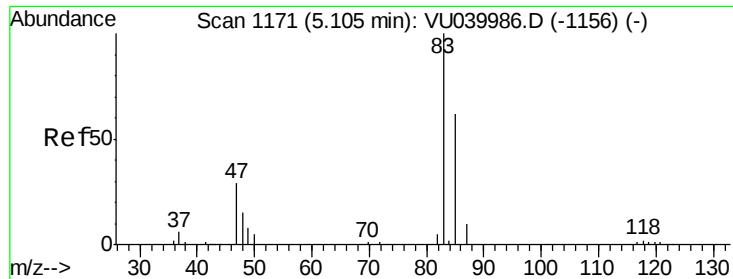
1000

500

0

Time-->

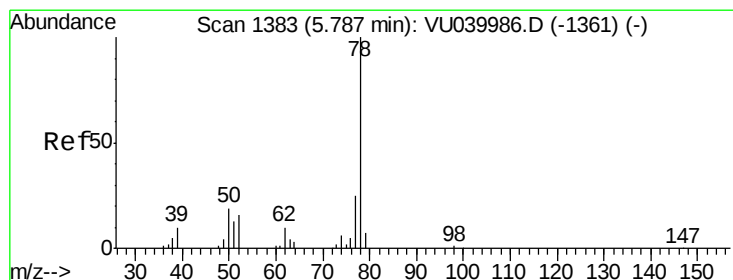
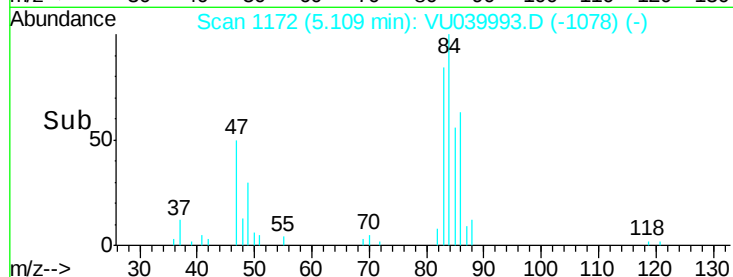
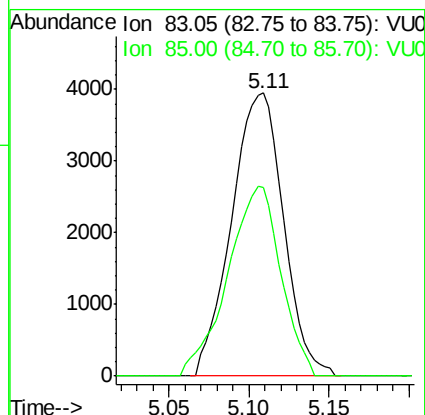
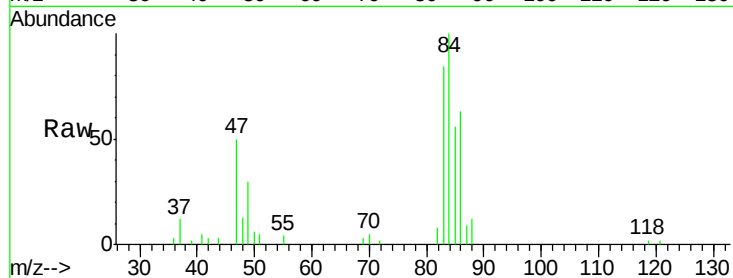




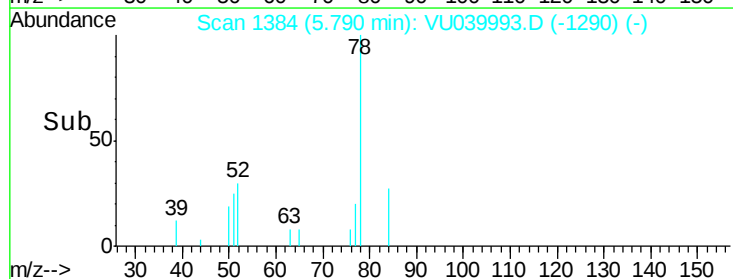
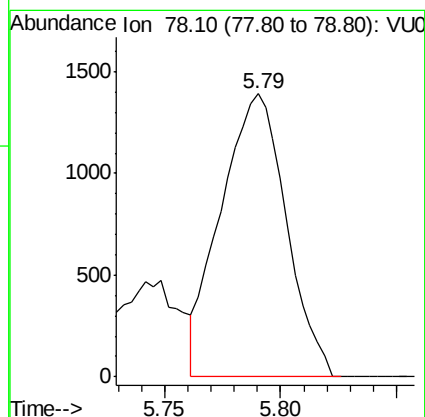
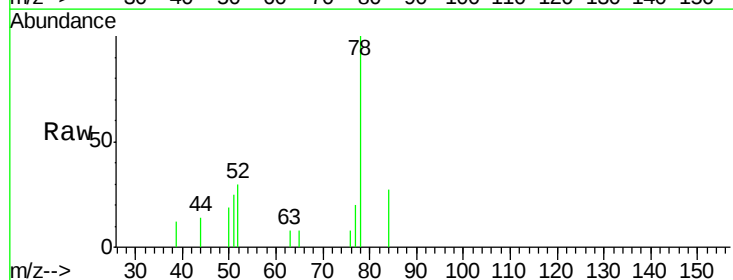
#25
Chloroform
Concen: 0.601 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039993.D
Acq: 27 Aug 2020 15:50

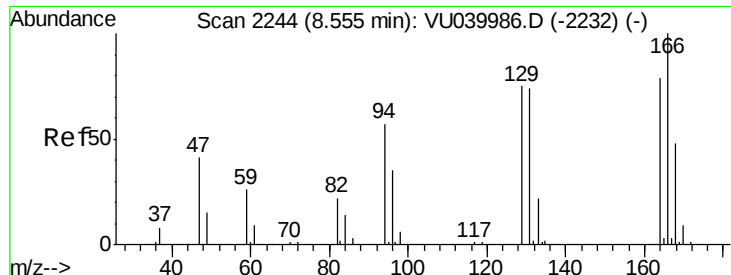
Instrument :
MSVOA_U
ClientSampleId :
H0AB5

Tot Ion: 83 Resp: 8797
Ion Ratio Lower Upper
83 100
85 66.6 46.4 86.2



#33
Benzene
Concen: 0.090 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039993.D
Acq: 27 Aug 2020 15:50
Tgt Ion: 78 Resp: 2720





#47

Tetrachloroethene

Concen: 0.607 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU039993.D

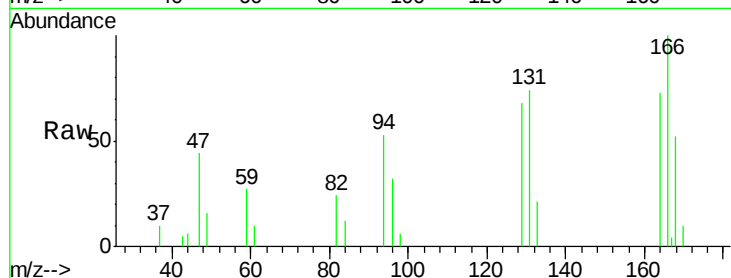
Acq: 27 Aug 2020 15:50

Instrument :

MSVOA_U

ClientSampleId :

H0AB5



Tot Ion:164 Resp: 3512

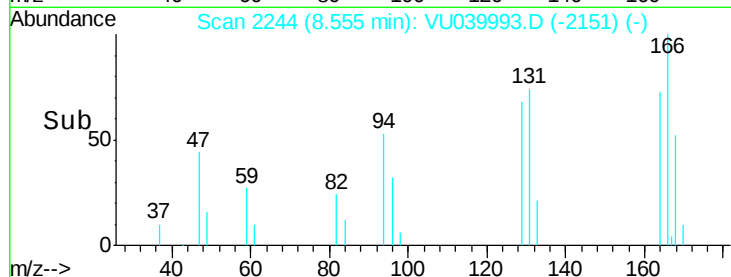
Ion Ratio Lower Upper

164 100

129 92.3 69.1 128.3

131 100.5 66.0 122.6

166 136.4 94.0 174.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

