

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037430.D
 Acq On : 28 Mar 2020 20:40
 Operator : JC/MD
 Sample : L2002-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	109840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38029	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	31766	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	58934	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.67	46	103438	46.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.62%
24) Chloroform-d	5.11	84	70286	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	43029	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	148133	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.72	67	48516	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	140578	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	21809	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.66	63	93184	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39939	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	50806	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

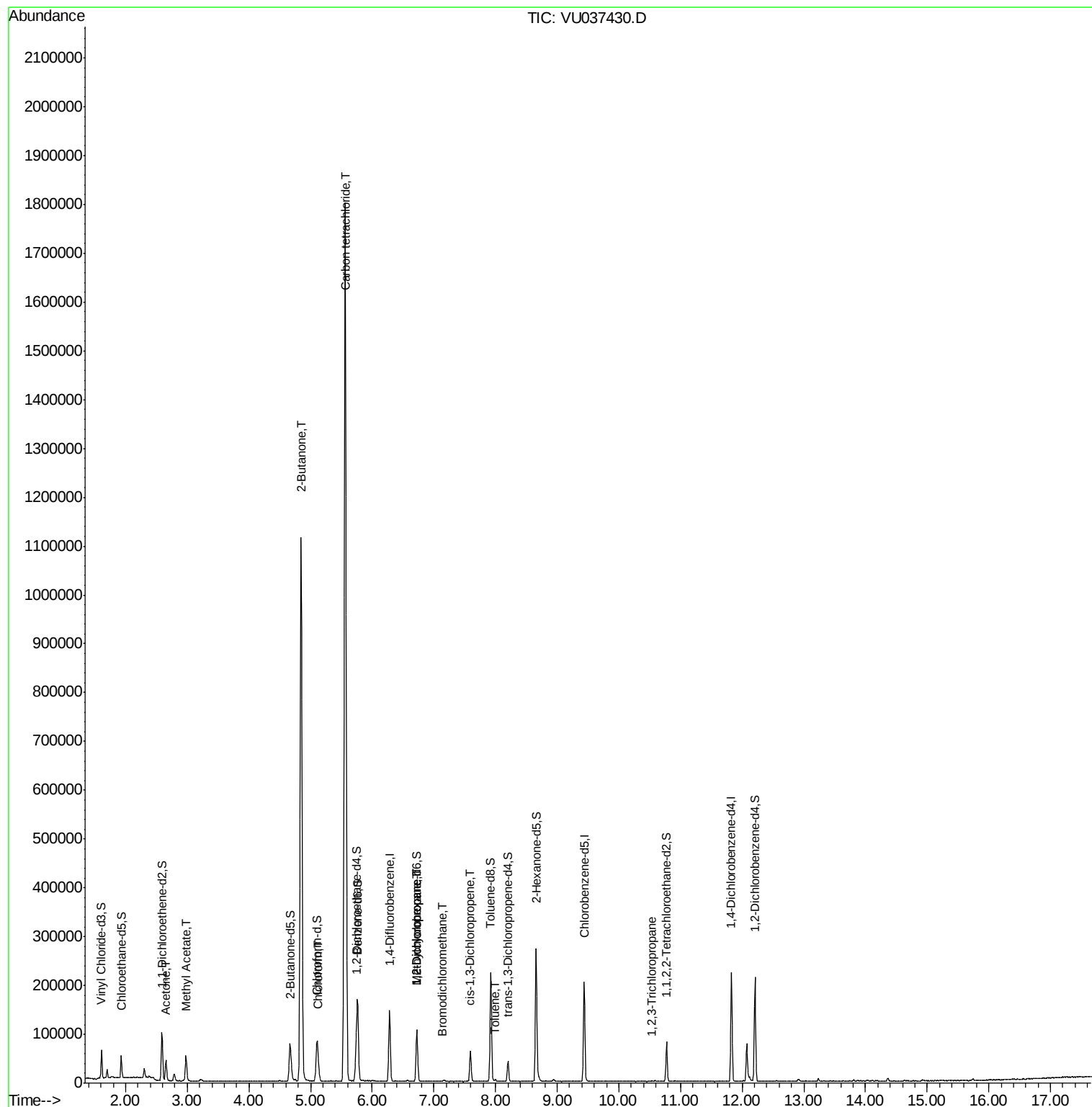
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	45421	35.769	ug/L	100
15) Methyl Acetate	2.98	43	63162	17.804	ug/L	97
21) 2-Butanone	4.84	43	1455224	674.111	ug/L #	46
25) Chloroform	5.13	83	20124	1.355	ug/L	99
31) Carbon tetrachloride	5.56	117	1192507	103.717	ug/L	99
35) Methylcyclohexane	6.72	83	12410	0.878	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5581	0.688	ug/L #	88
38) Bromodichloromethane	7.13	83	1282	0.116	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1708	0.129	ug/L #	74
42) Toluene	8.00	91	3158	0.093	ug/L	100
59) 1,2,3-Trichloropropane	10.54	75	689	0.122	ug/L #	40

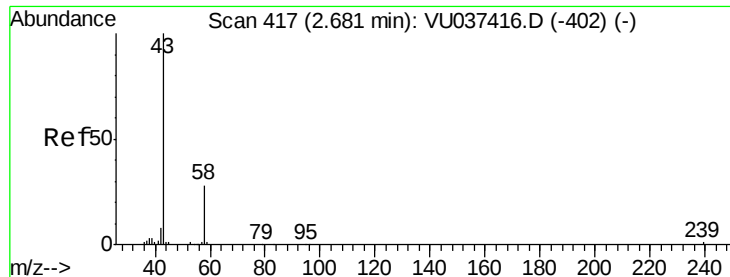
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
Data File : VU037430.D
Acq On : 28 Mar 2020 20:40
Operator : JC/MD
Sample : L2002-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 30 00:25:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Mar 30 00:15:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 35.769 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU037430.D

Acq: 28 Mar 2020 20:40

Instrument :

MSVOA_U

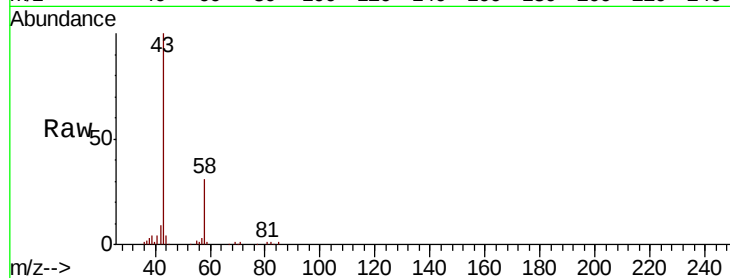
ClientSampled :

Tot Ion: 43 Resp: 45421

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.0



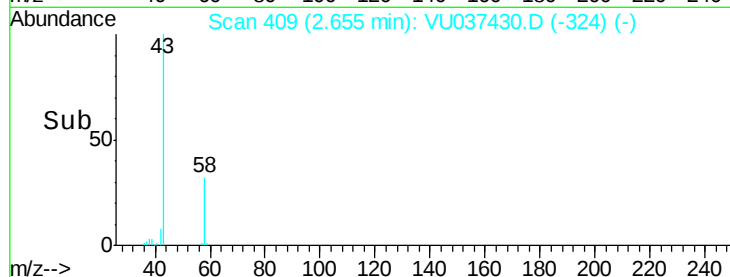
Abundance Ion 43.05 (42.75 to 43.75): VU037430.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037430.D (-402) (-)

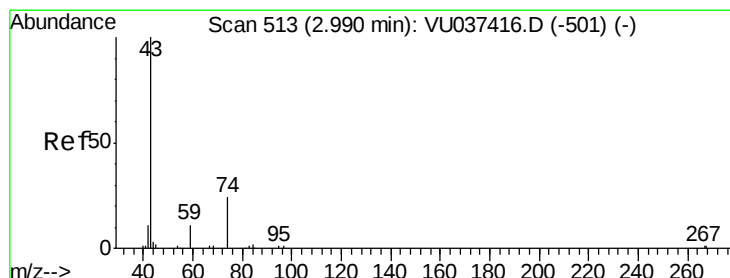
2.66

2.65

2.70



Time-->



#15

Methyl Acetate

Concen: 17.804 ug/L

RT: 2.98 min Scan# 510

Delta R.T. -0.01 min

Lab File: VU037430.D

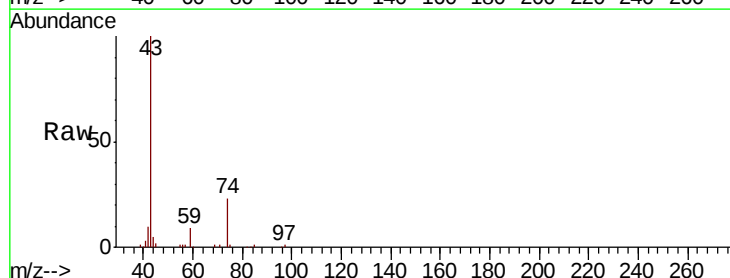
Acq: 28 Mar 2020 20:40

Tgt Ion: 43 Resp: 63162

Ion Ratio Lower Upper

43 100

74 23.3 19.8 29.6



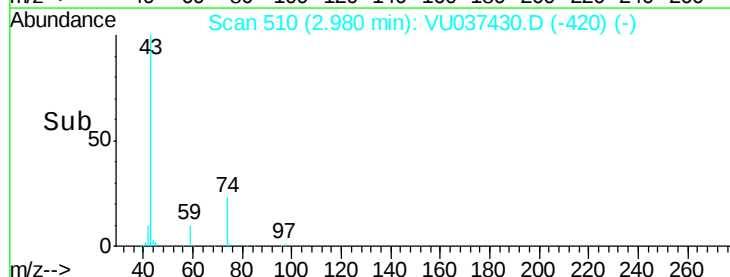
Abundance Ion 43.05 (42.75 to 43.75): VU037430.D (-420) (-)

Ion 74.05 (73.75 to 74.75): VU037430.D (-420) (-)

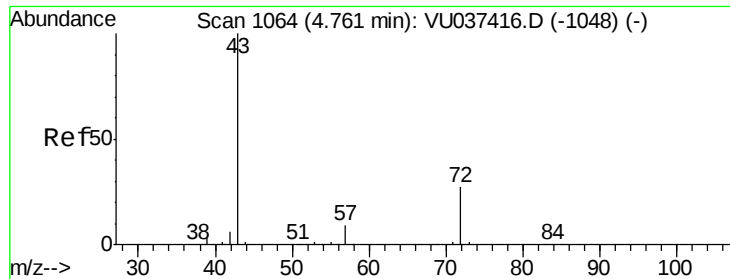
2.98

2.95

3.05



Time-->



#21

2-Butanone

Concen: 674.111 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.08 min

Lab File: VU037430.D

Acq: 28 Mar 2020 20:40

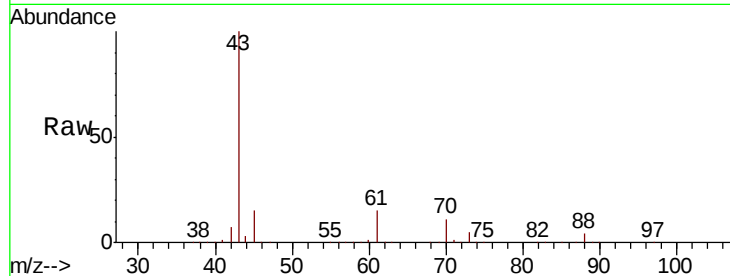
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1455224

Ion Ratio Lower Upper

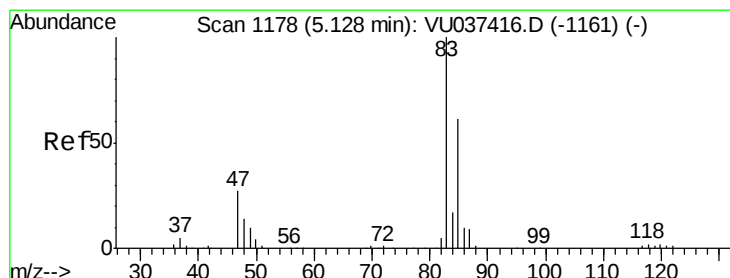
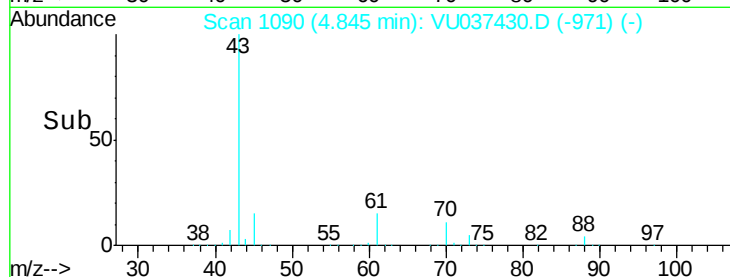
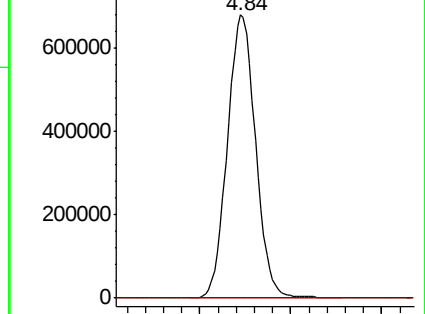
43 100

72 0.1 14.2 42.6#



Abundance Ion 43.05 (42.75 to 43.75): VU037430.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU037430.D (-971) (-)



#25

Chloroform

Concen: 1.355 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037430.D

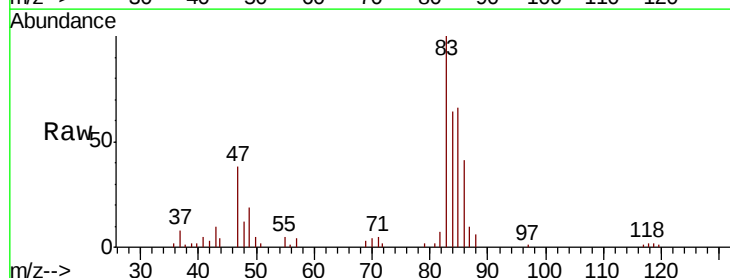
Acq: 28 Mar 2020 20:40

Tgt Ion: 83 Resp: 20124

Ion Ratio Lower Upper

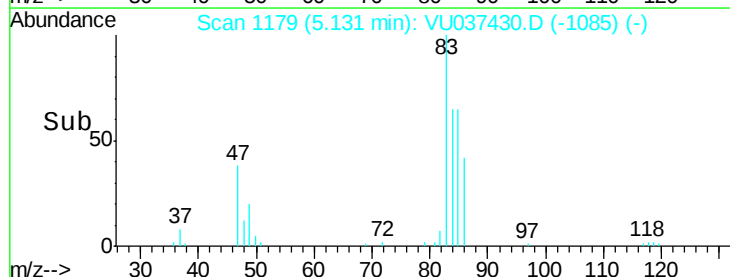
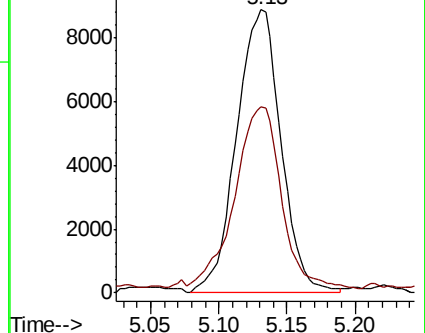
83 100

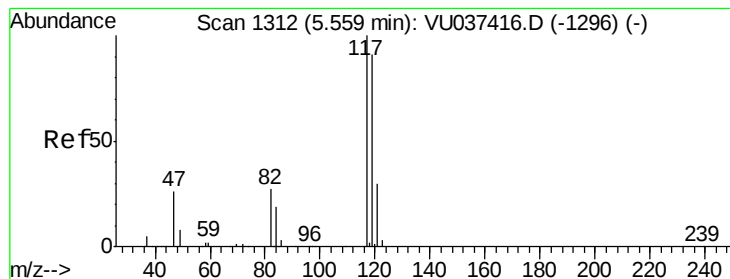
85 65.8 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037430.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037430.D (-1085) (-)





#31

Carbon tetrachloride

Concen: 103.717 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037430.D

Acq: 28 Mar 2020 20:40

Instrument :

MSVOA_U

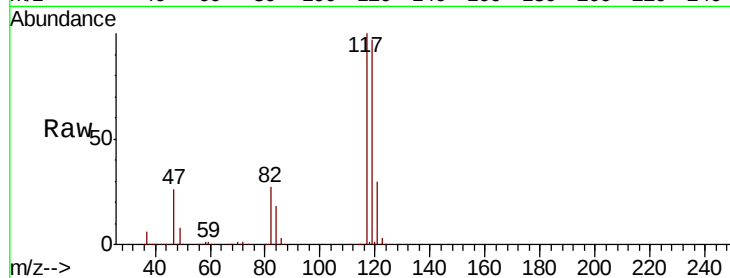
ClientSampleId :

Tot Ion:117 Resp: 1192507

Ion Ratio Lower Upper

117 100

119 96.2 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.56

600000

500000

400000

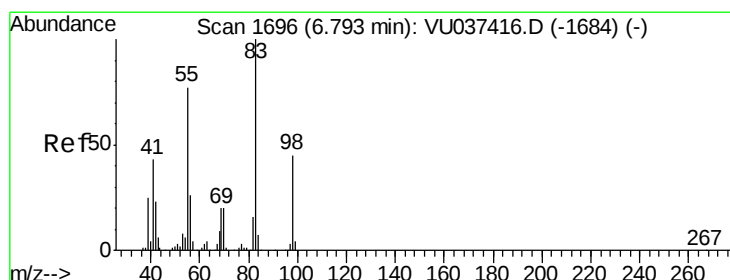
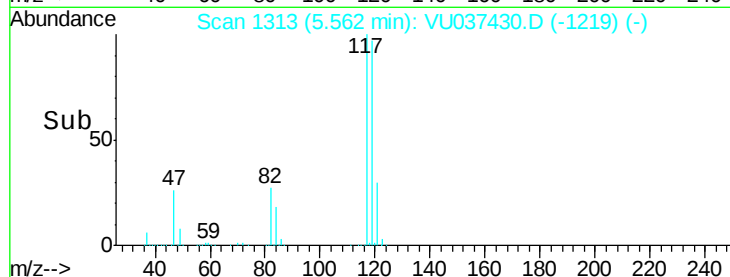
300000

200000

100000

0

Time-->



#35

Methylcyclohexane

Concen: 0.878 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037430.D

Acq: 28 Mar 2020 20:40

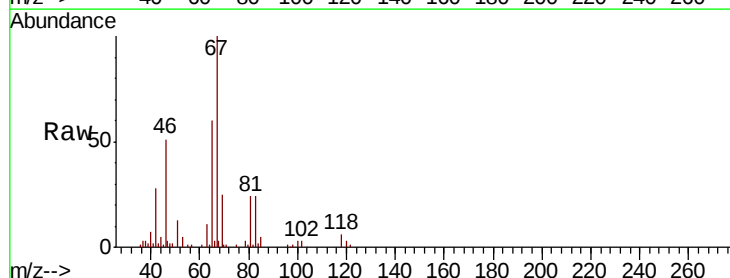
Tgt Ion: 83 Resp: 12410

Ion Ratio Lower Upper

83 100

55 1.4 64.2 96.4#

98 2.0 36.3 54.5#



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

8000

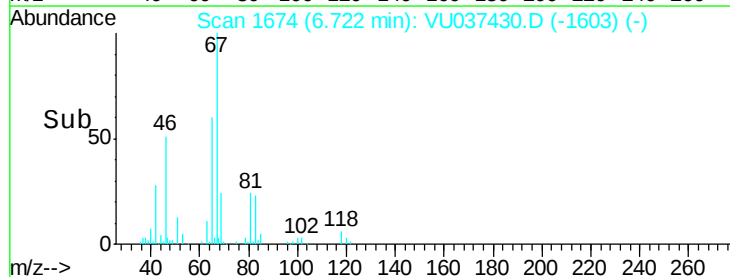
6000

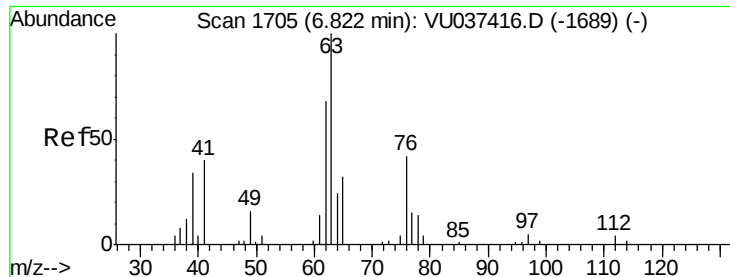
4000

2000

0

Time-->

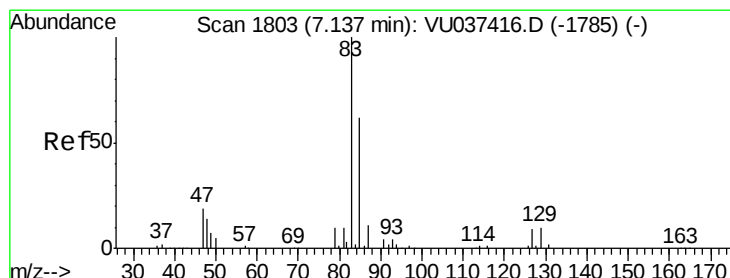
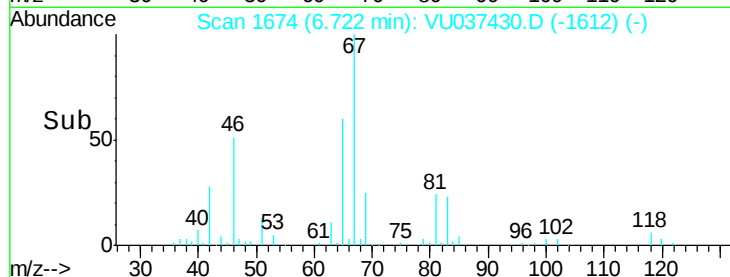
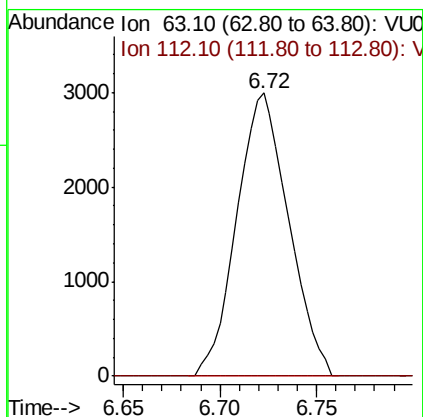
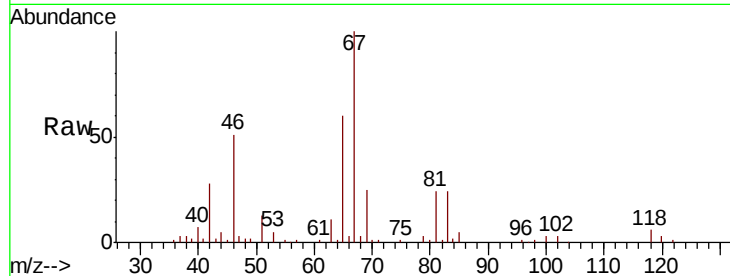




#37
 1,2-Dichloropropane
 Concen: 0.688 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037430.D
 Acq: 28 Mar 2020 20:40

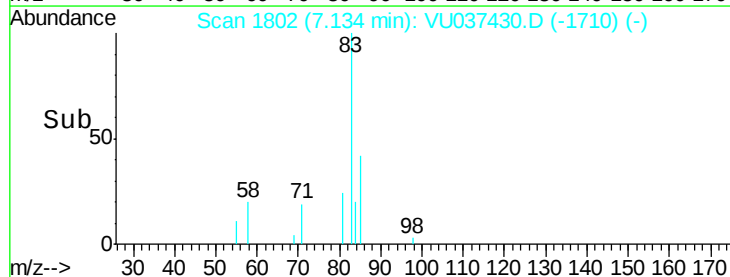
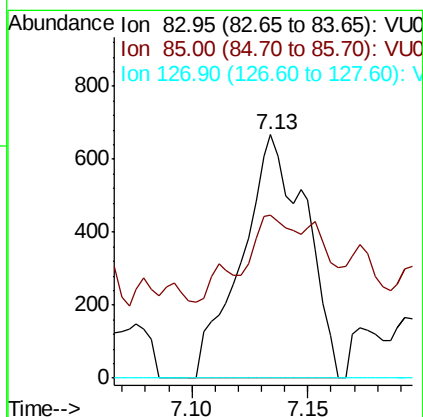
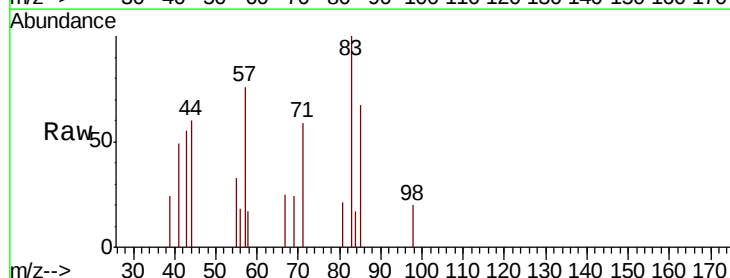
Instrument :
 MSVOA_U
 ClientSampleId :

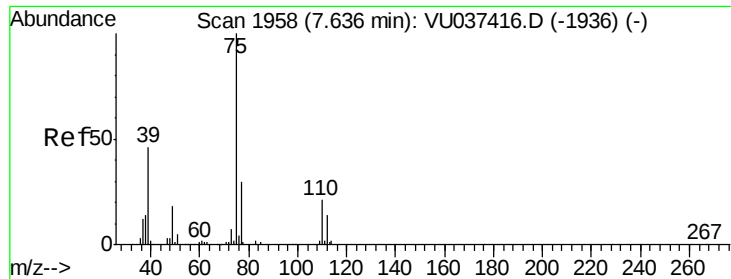
Tot Ion: 63 Resp: 5581
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#38
 Bromodichloromethane
 Concen: 0.116 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU037430.D
 Acq: 28 Mar 2020 20:40

Tgt Ion: 83 Resp: 1282
 Ion Ratio Lower Upper
 83 100
 85 67.1 42.4 78.8
 127 0.0 7.0 10.6#

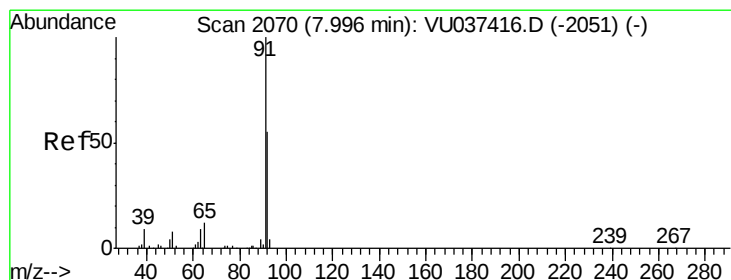
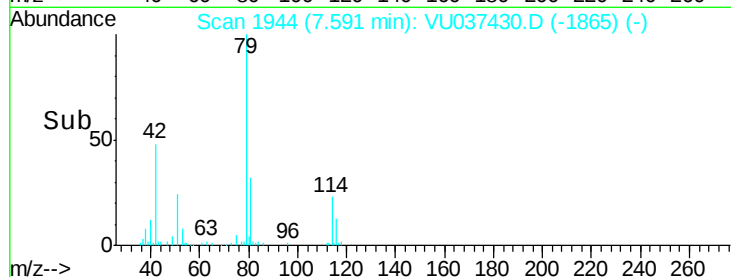
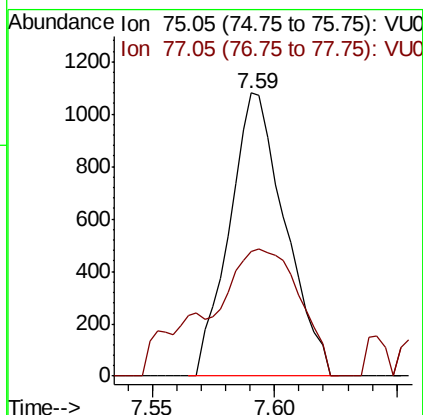
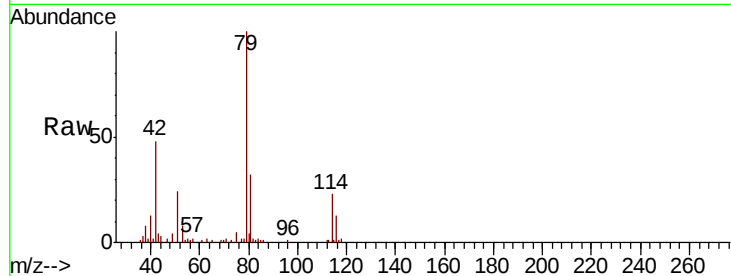




#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037430.D
 Acq: 28 Mar 2020 20:40

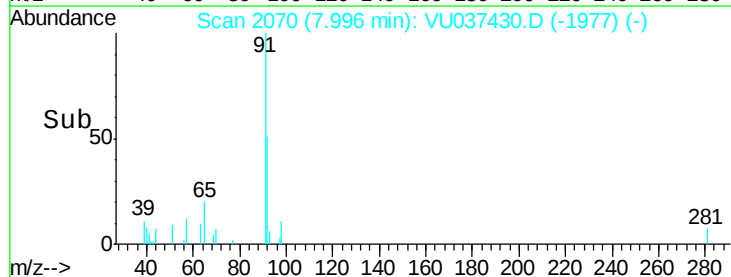
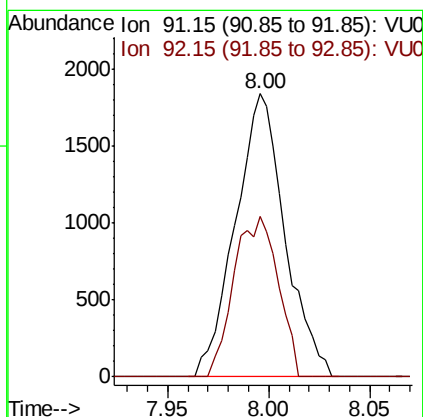
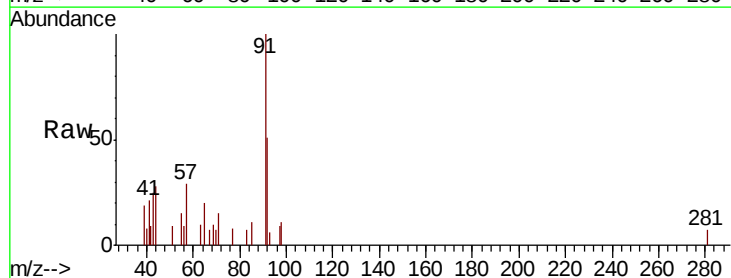
Instrument :
 MSVOA_U
 ClientSampleId :

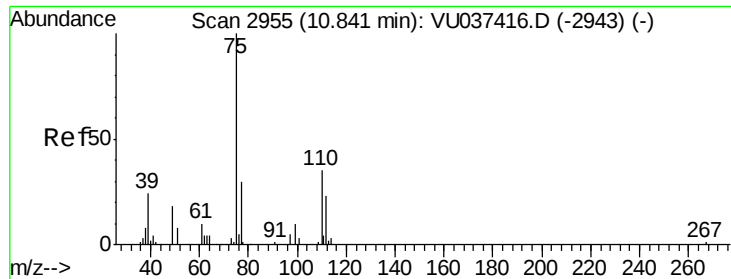
Tot Ion: 75 Resp: 1708
 Ion Ratio Lower Upper
 75 100
 77 44.2 21.1 39.3#



#42
 Toluene
 Concen: 0.093 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU037430.D
 Acq: 28 Mar 2020 20:40

Tgt Ion: 91 Resp: 3158
 Ion Ratio Lower Upper
 91 100
 92 56.6 39.8 73.8





#59

1,2,3-Trichloropropane

Concen: 0.122 ug/L

RT: 10.54 min Scan# 2862

Delta R.T. -0.30 min

Lab File: VU037430.D

Acq: 28 Mar 2020 20:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 689

Ion Ratio Lower Upper

75 100

77 0.0 27.4 41.2#

