

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039224.D
 Acq On : 30 Jun 2020 06:42
 Operator : SY/MD
 Sample : L3116-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q50

Quant Time: Jun 30 07:27:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	216281	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	220220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	95223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68811	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.93	69	56690	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.59	63	105299	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.67	46	200115	33.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.00%
24) Chloroform-d	5.10	84	129732	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.74	65	78421	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
32) Benzene-d6	5.76	84	247748	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
36) 1,2-Dichloropropane-d6	6.72	67	77152	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.40%
41) Toluene-d8	7.92	98	200213	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.40%#
43) trans-1,3-Dichloropropene-	8.20	79	30648	3.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.20%
46) 2-Hexanone-d5	8.65	63	131544	28.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	62368	3.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.60%#
64) 1,2-Dichlorobenzene-d4	12.20	152	75807	3.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.80%#

Target Compounds

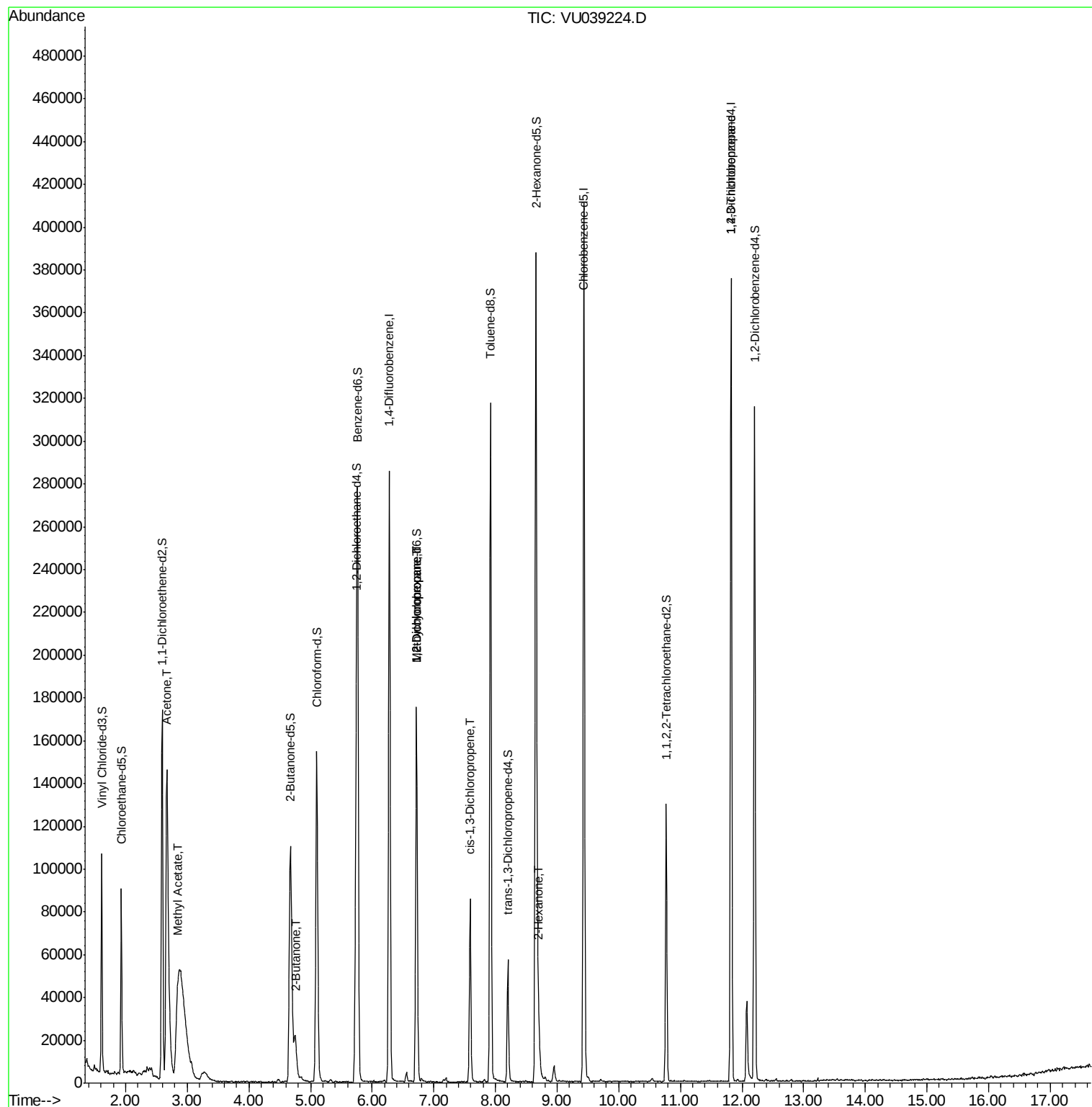
					Ovalue
13) Acetone	2.67	43	281345	75.690	ug/L 98
15) Methyl Acetate	2.84	43	9979	1.075	ug/L # 54
21) 2-Butanone	4.75	43	27892	4.725	ug/L 97
35) Methylcyclohexane	6.72	83	19183	0.709	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	9102	0.483	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2211	0.082	ug/L # 60
48) 2-Hexanone	8.70	43	11302	1.089	ug/L # 91
59) 1,2,3-Trichloropropane	11.82	75	13061	0.922	ug/L 95

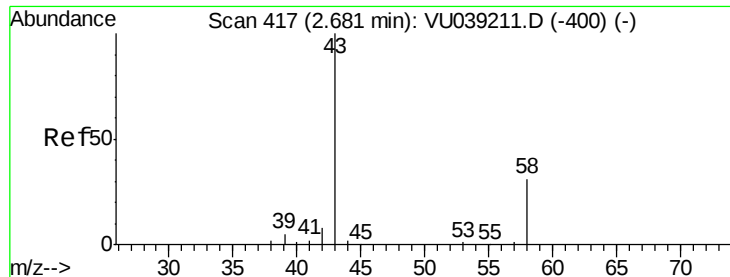
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 75.690 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039224.D

Acq: 30 Jun 2020 06:42

Instrument :

MSVOA_U

ClientSampleId :

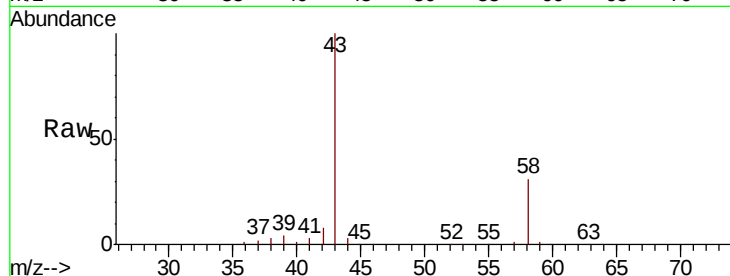
F9Q50

Tot Ion: 43 Resp: 281345

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039211.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU039211.D (-400) (-)

2.67

100000

80000

60000

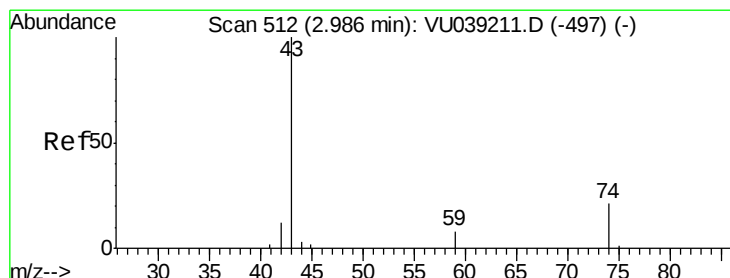
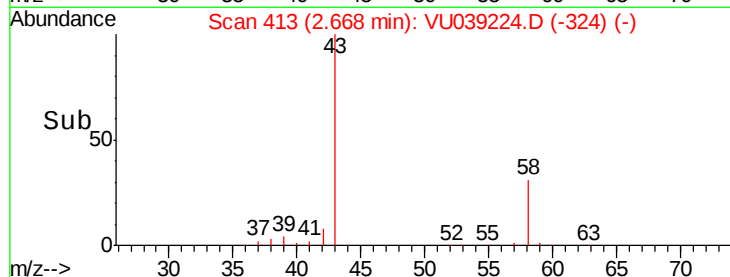
40000

20000

0

Time-->

2.60 2.70 2.80



#15

Methyl Acetate

Concen: 1.075 ug/L

RT: 2.84 min Scan# 467

Delta R.T. -0.14 min

Lab File: VU039224.D

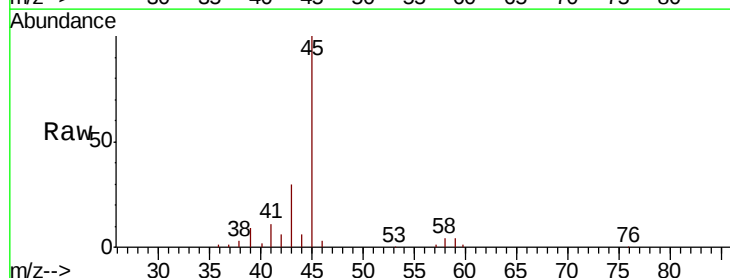
Acq: 30 Jun 2020 06:42

Tgt Ion: 43 Resp: 9979

Ion Ratio Lower Upper

43 100

74 0.2 17.8 26.6#



Abundance Ion 43.05 (42.75 to 43.75): VU039211.D (-497) (-)

Ion 74.05 (73.75 to 74.75): VU039211.D (-497) (-)

2.84

8000

6000

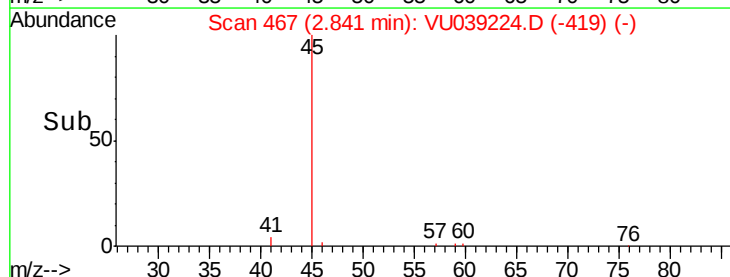
4000

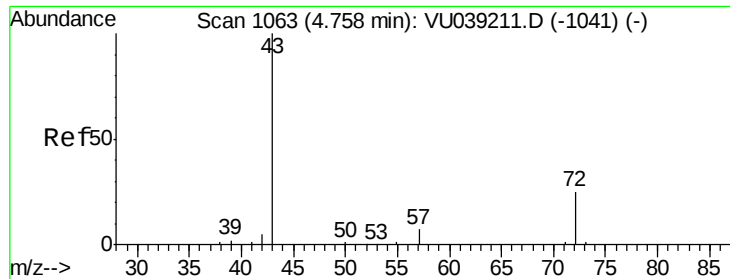
2000

0

Time-->

2.80 2.85





#21

2-Butanone

Concen: 4.725 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU039224.D

Acq: 30 Jun 2020 06:42

Instrument :

MSVOA_U

ClientSampleId :

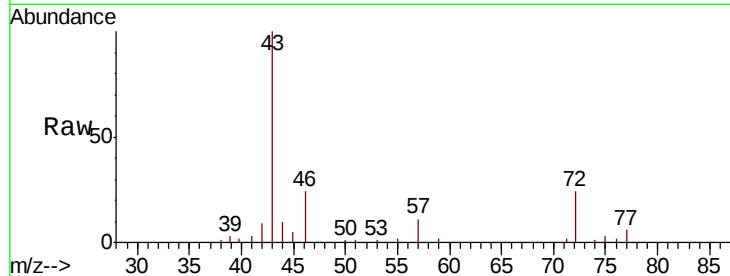
F9Q50

Tot Ion: 43 Resp: 27892

Ion Ratio Lower Upper

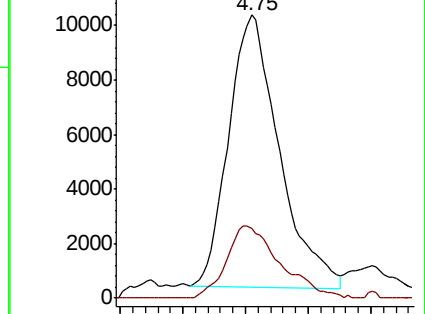
43 100

72 28.2 13.2 39.6

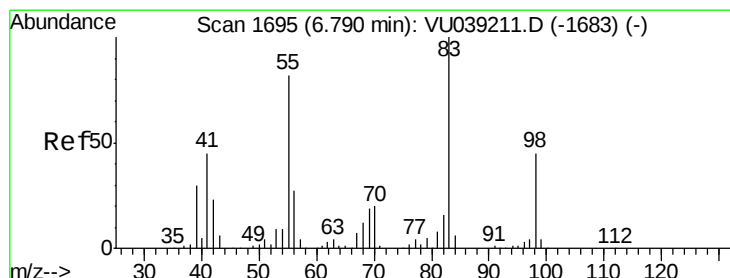
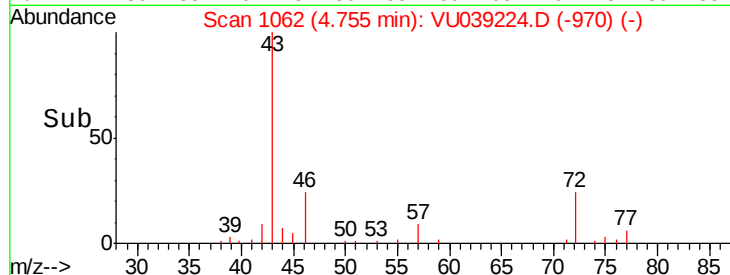


Abundance Ion 43.05 (42.75 to 43.75): VU039224.D (-1041) (-)

Ion 72.10 (71.80 to 72.80): VU039224.D (-1041) (-)



Time-->



#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039224.D

Acq: 30 Jun 2020 06:42

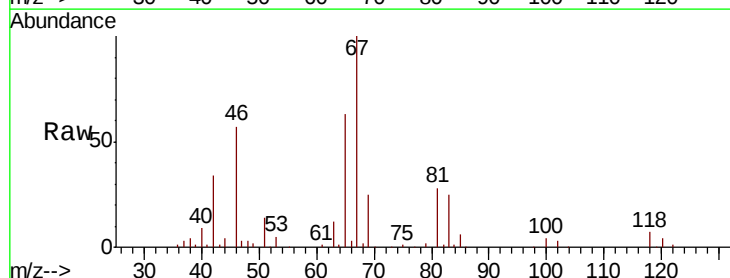
Tgt Ion: 83 Resp: 19183

Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

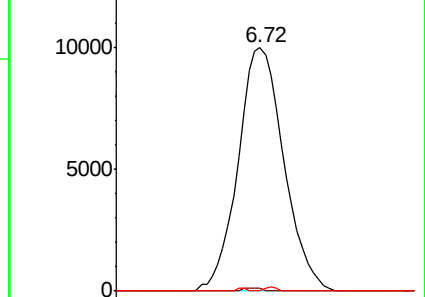
98 0.4 38.2 57.4#



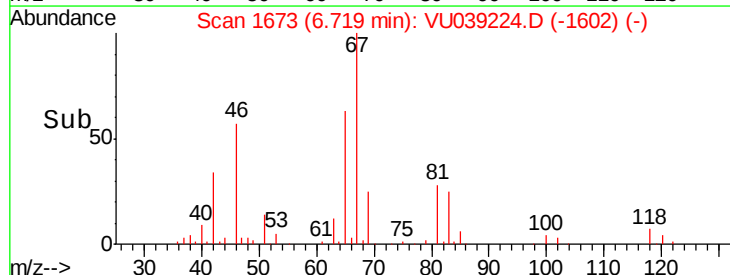
Abundance Ion 83.15 (82.85 to 83.85): VU039224.D (-1602) (-)

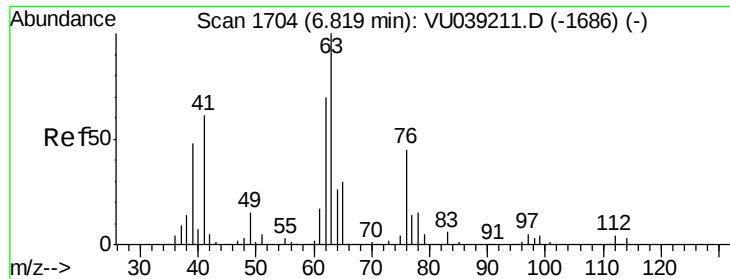
Ion 55.10 (54.80 to 55.80): VU039224.D (-1602) (-)

Ion 98.15 (97.85 to 98.85): VU039224.D (-1602) (-)



Time-->

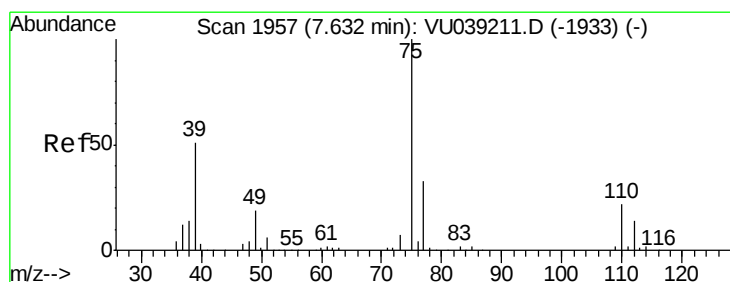
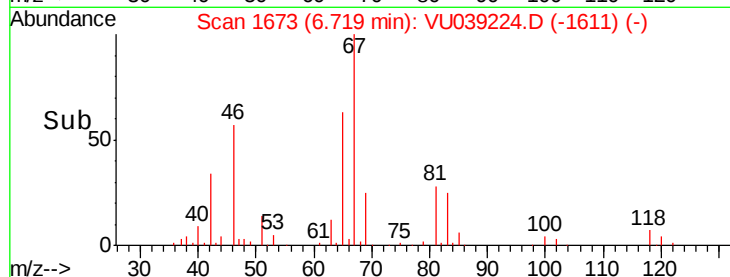
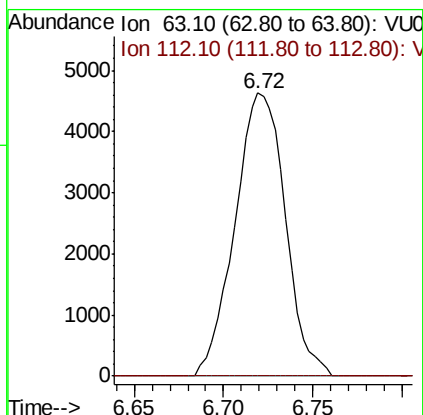
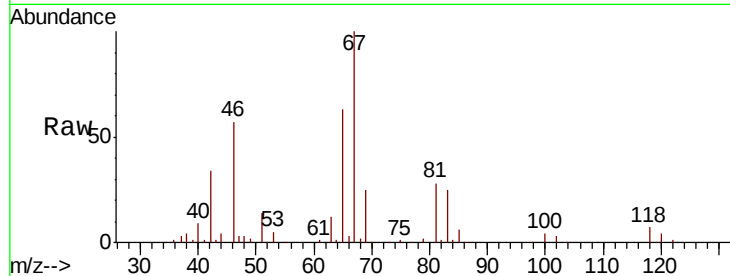




#37
 1,2-Dichloropropane
 Concen: 0.483 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039224.D
 Acq: 30 Jun 2020 06:42

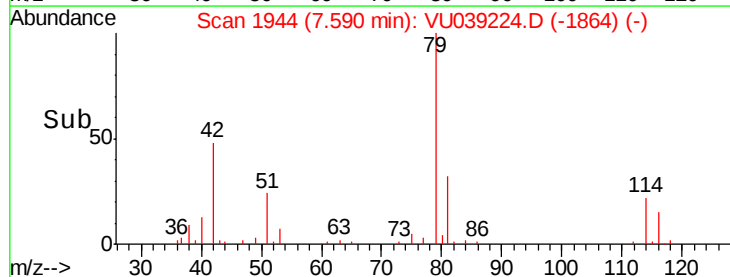
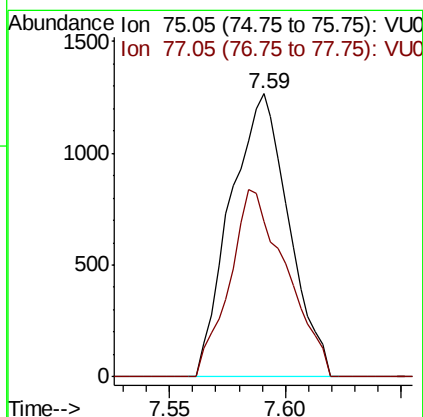
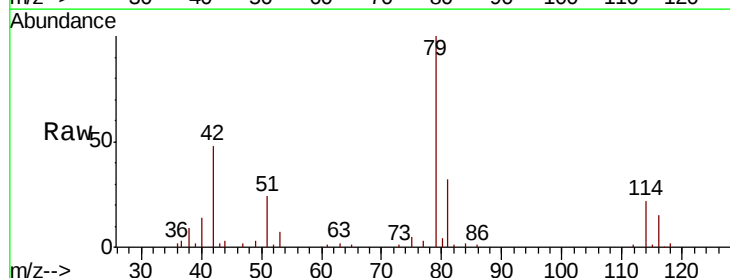
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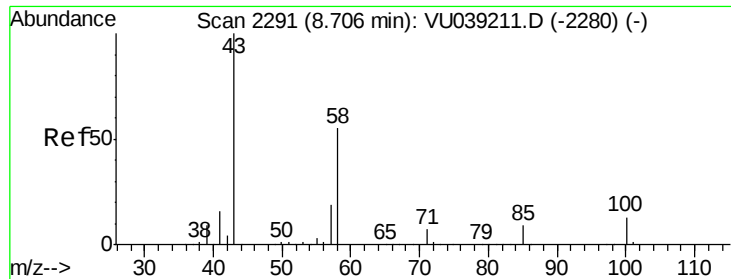
Tot Ion: 63 Resp: 9102
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039224.D
 Acq: 30 Jun 2020 06:42

Tgt Ion: 75 Resp: 2211
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.7 42.1#

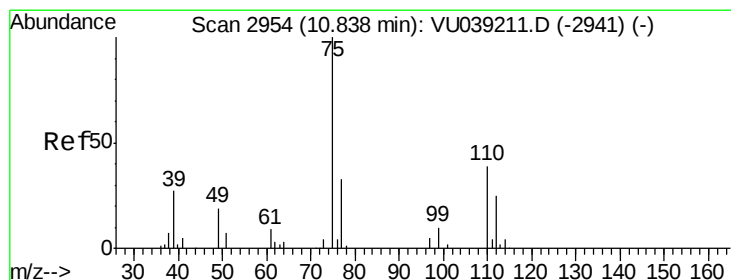
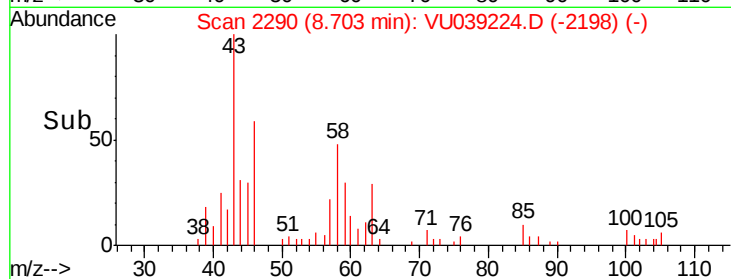
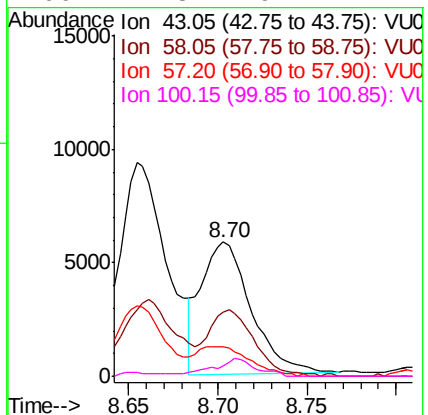
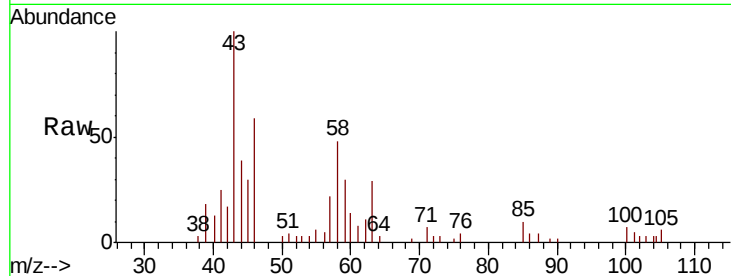




#48
 2-Hexanone
 Concen: 1.089 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU039224.D
 Acq: 30 Jun 2020 06:42

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q50

Tot Ion: 43 Resp: 11302
 Ion Ratio Lower Upper
 43 100
 58 47.0 43.6 65.4
 57 23.8 15.6 23.4#
 100 11.3 9.4 14.2



#59
 1,2,3-Trichloropropane
 Concen: 0.922 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039224.D
 Acq: 30 Jun 2020 06:42

Tgt Ion: 75 Resp: 13061
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.6 38.4

