

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039937.D
 Acq On : 21 Aug 2020 18:50
 Operator : SY/MD
 Sample : L3776-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y14

Quant Time: Aug 22 00:49:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28085	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.92	69	27758	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	38265	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.65	46	101667	45.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.36%
24) Chloroform-d	5.09	84	57812	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	33829	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.74	84	106142	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	39602	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	91586	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.19	79	14529	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	80982	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33685	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	39322	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

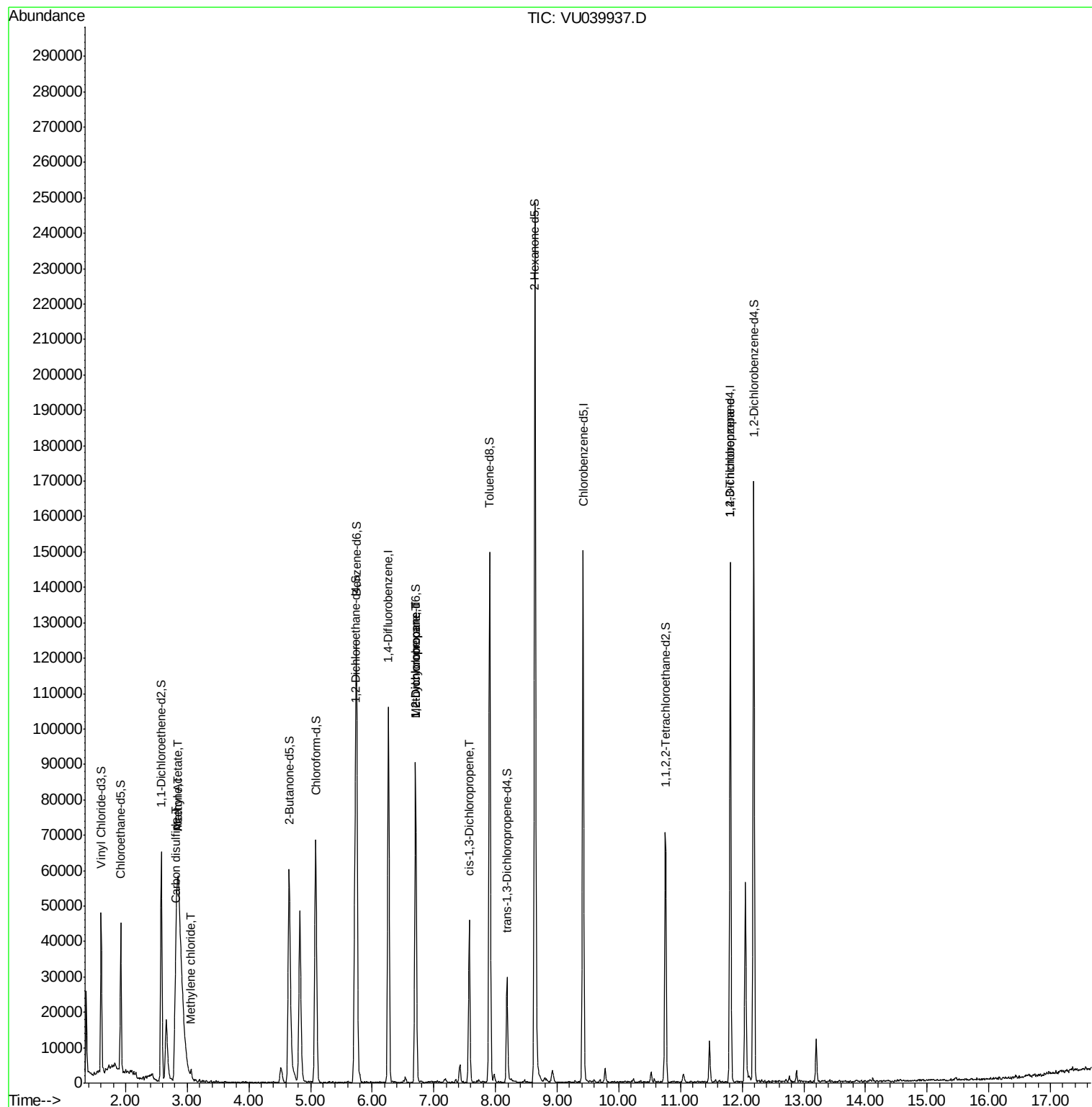
					Ovalue
13) Acetone	2.84	43	35335	22.982	ug/L 78
14) Carbon disulfide	2.80	76	2389	0.105	ug/L 96
15) Methyl Acetate	2.84	43	35335	8.953	ug/L # 56
16) Methylene chloride	3.06	84	849	0.088	ug/L # 72
35) Methylcyclohexane	6.70	83	9093	0.820	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	4641	0.626	ug/L # 85
39) cis-1,3-Dichloropropene	7.57	75	1146	0.111	ug/L # 77
59) 1,2,3-Trichloropropane	11.81	75	5336	1.004	ug/L 91

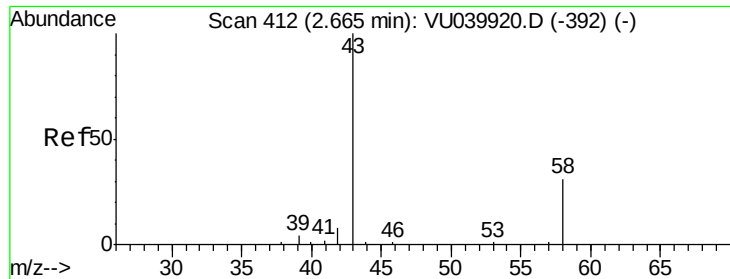
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.982 ug/L

RT: 2.84 min Scan# 467

Delta R.T. 0.18 min

Lab File: VU039937.D

Acq: 21 Aug 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

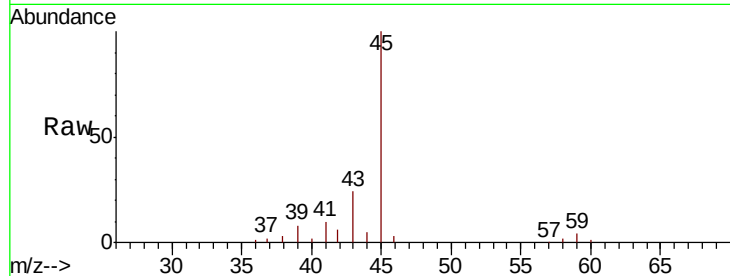
F4Y14

Tot Ion: 43 Resp: 35335

Ion Ratio Lower Upper

43 100

58 1.5 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039937.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039937.D (-319) (-)

8000

6000

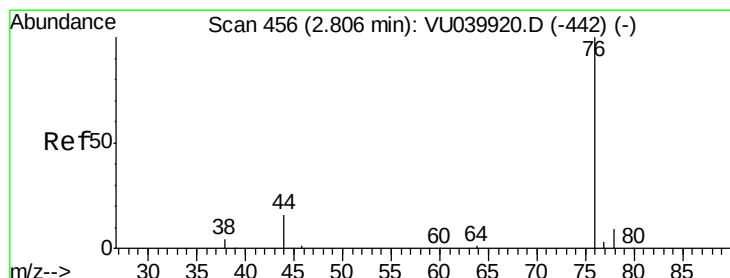
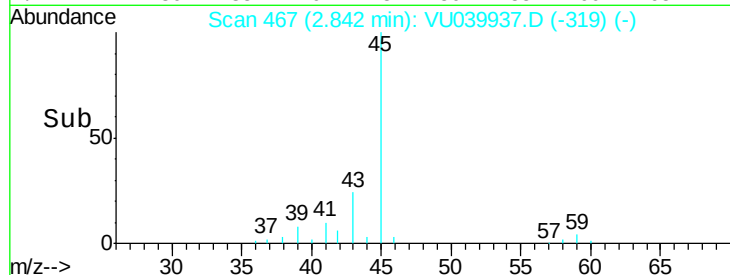
4000

2000

0

2.75 2.80 2.85 2.90

Time-->



#14

Carbon disulfide

Concen: 0.105 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039937.D

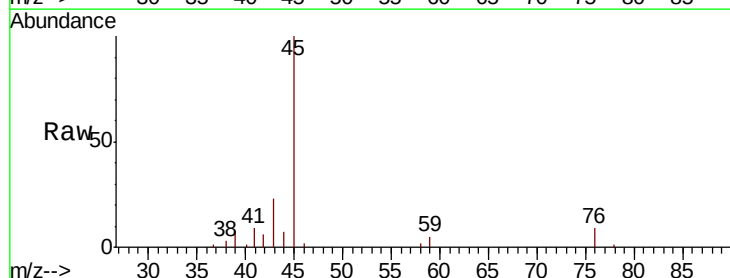
Acq: 21 Aug 2020 18:50

Tgt Ion: 76 Resp: 2389

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU039937.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU039937.D (-363) (-)

1500

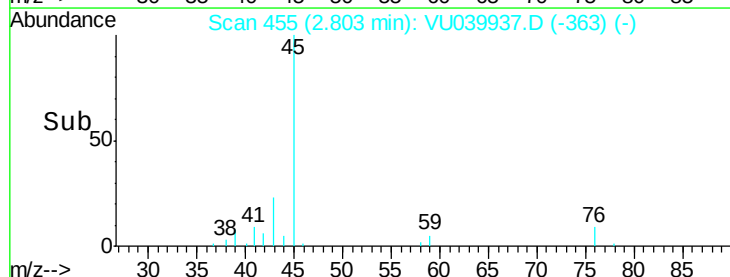
1000

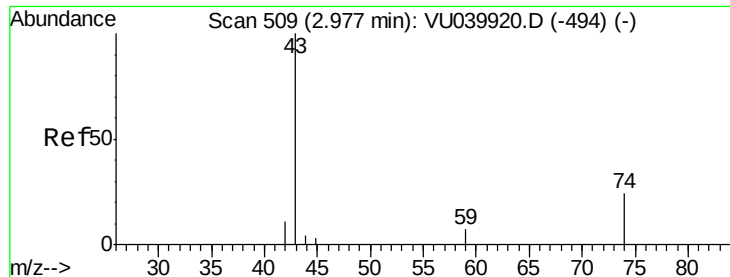
500

0

2.80 2.85

Time-->





#15

Methvl Acetate

Concen: 8.953 ug/L

RT: 2.84 min Scan# 467

Delta R.T. -0.13 min

Lab File: VU039937.D

Acq: 21 Aug 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

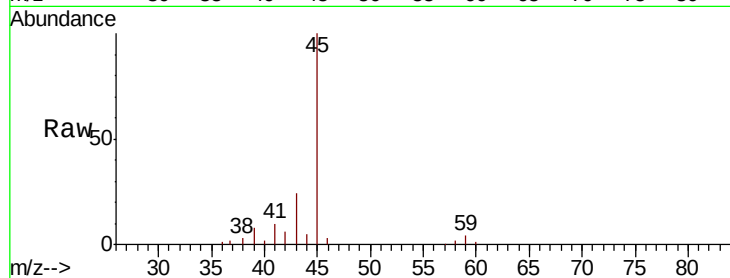
F4Y14

Tot Ion: 43 Resp: 35335

Ion Ratio Lower Upper

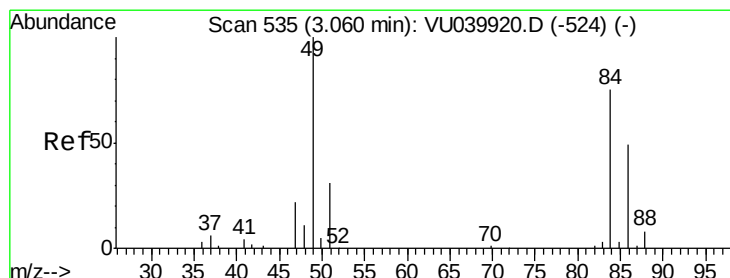
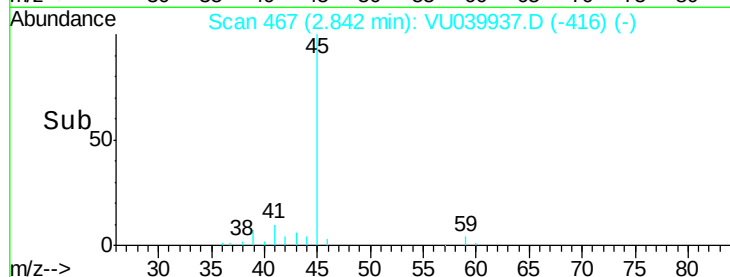
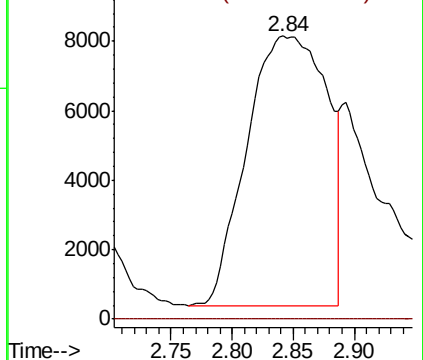
43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.088 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039937.D

Acq: 21 Aug 2020 18:50

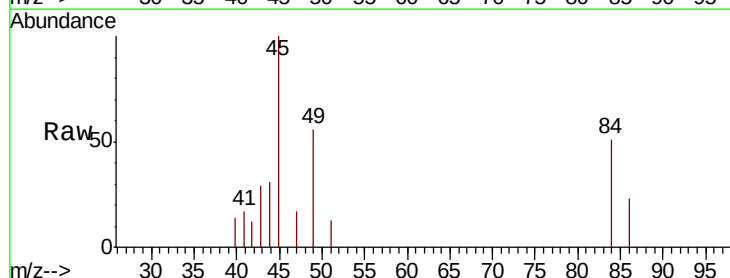
Tgt Ion: 84 Resp: 849

Ion Ratio Lower Upper

84 100

86 44.6 47.2 87.6#

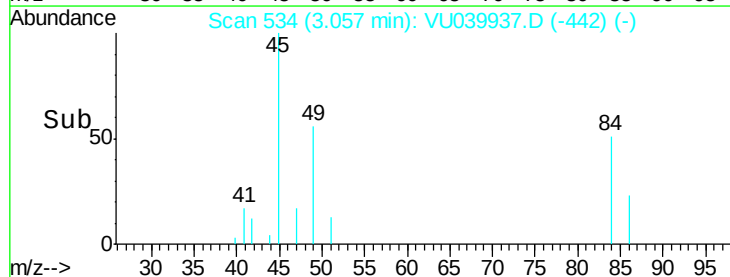
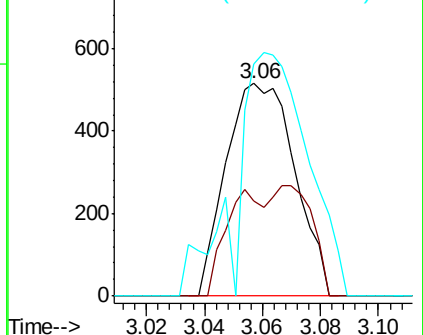
49 109.1 99.8 185.4

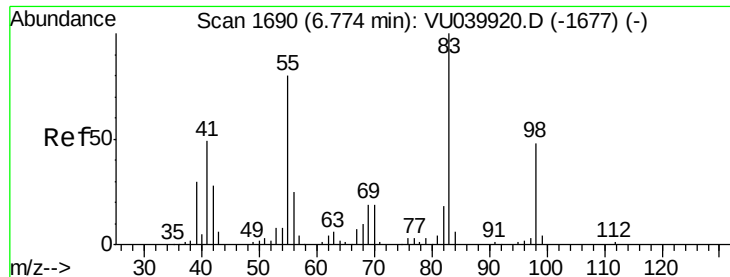


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

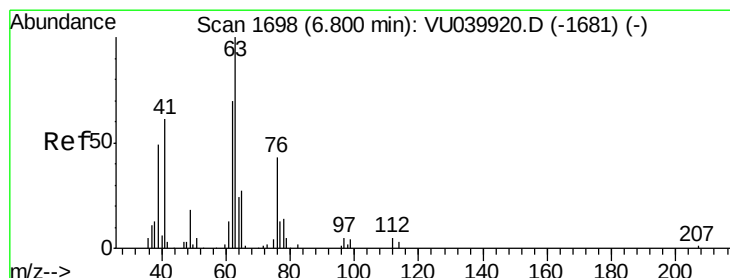
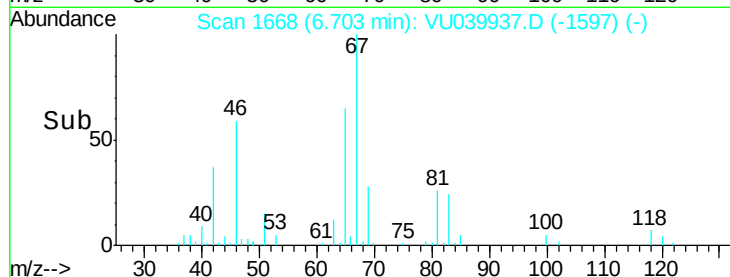
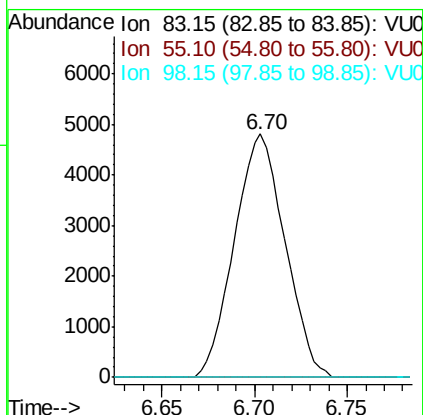
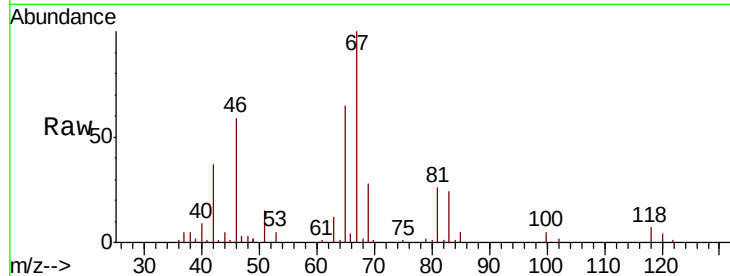




#35
Methylvlcyclohexane
Concen: 0.820 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039937.D
Acq: 21 Aug 2020 18:50

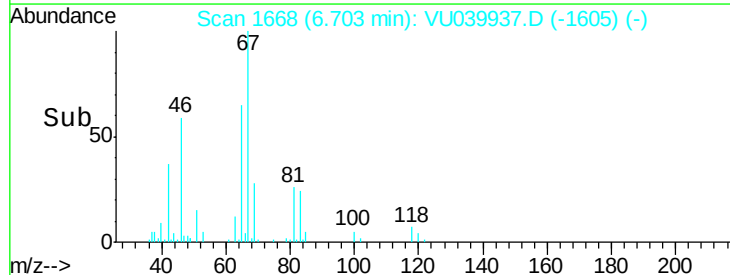
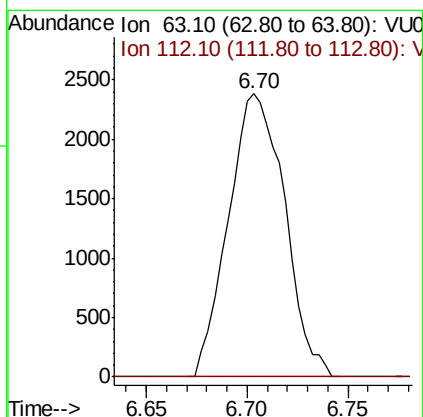
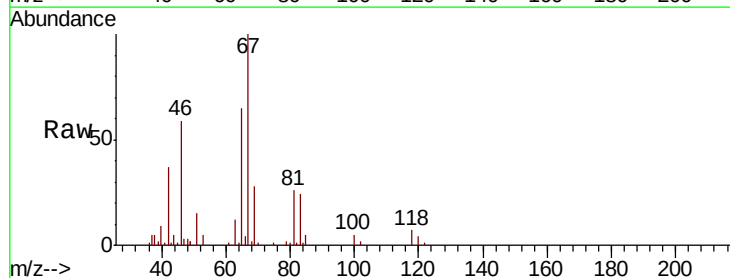
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ClientSampleId :
F4Y14

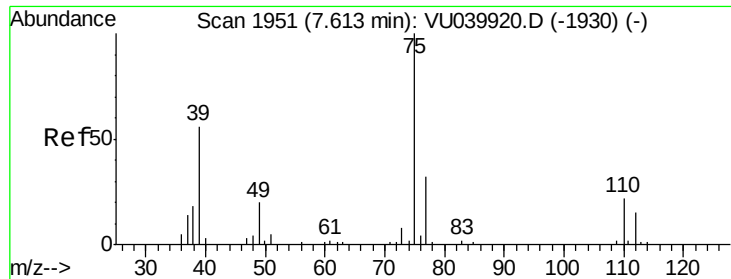
Tot Ion: 83 Resp: 9093
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 1.1 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039937.D
Acq: 21 Aug 2020 18:50

Tgt Ion: 63 Resp: 4641
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

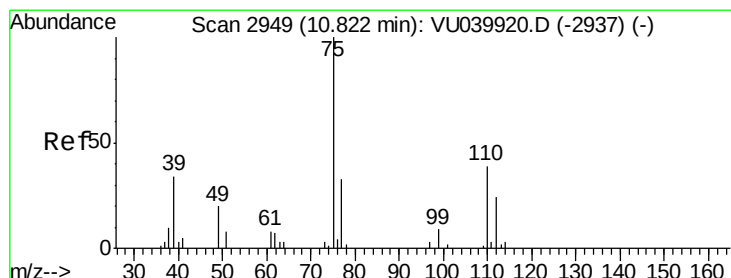
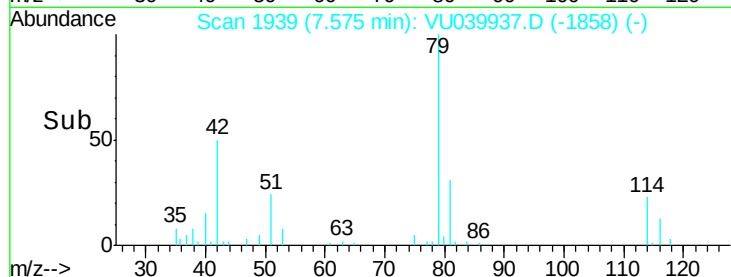
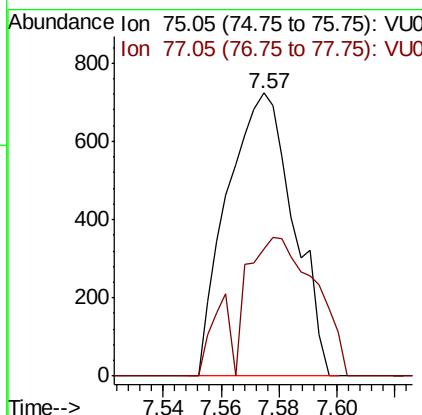
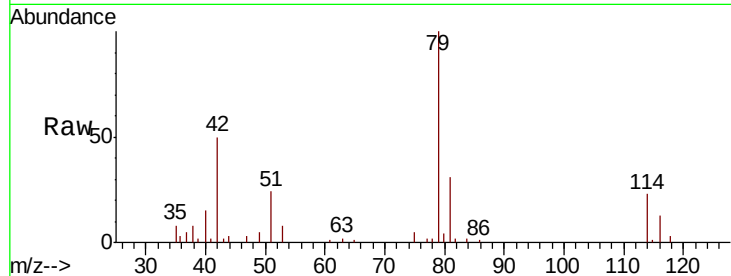




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039937.D
 Acq: 21 Aug 2020 18:50

Instrument :
 MSVOA_U
 ClientSampled :
 F4Y14

Tot Ion: 75 Resp: 1146
 Ion Ratio Lower Upper
 75 100
 77 45.0 22.6 42.0#



#59
 1,2,3-Trichloropropane
 Concen: 1.004 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039937.D
 Acq: 21 Aug 2020 18:50

Tgt Ion: 75 Resp: 5336
 Ion Ratio Lower Upper
 75 100
 77 39.5 27.4 41.2

