

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038974.D
 Acq On : 18 Jun 2020 16:50
 Operator : SY/MD
 Sample : L3058-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L39

Quant Time: Jun 19 01:20:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	273644	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	119915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74299	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	72583	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	137667	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.67	46	352895	61.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.06%
24) Chloroform-d	5.10	84	184966	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.74	65	124697	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.76	84	372096	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	113761	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.92	98	273646	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	45932	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.66	63	290482	54.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105155	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	121115	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

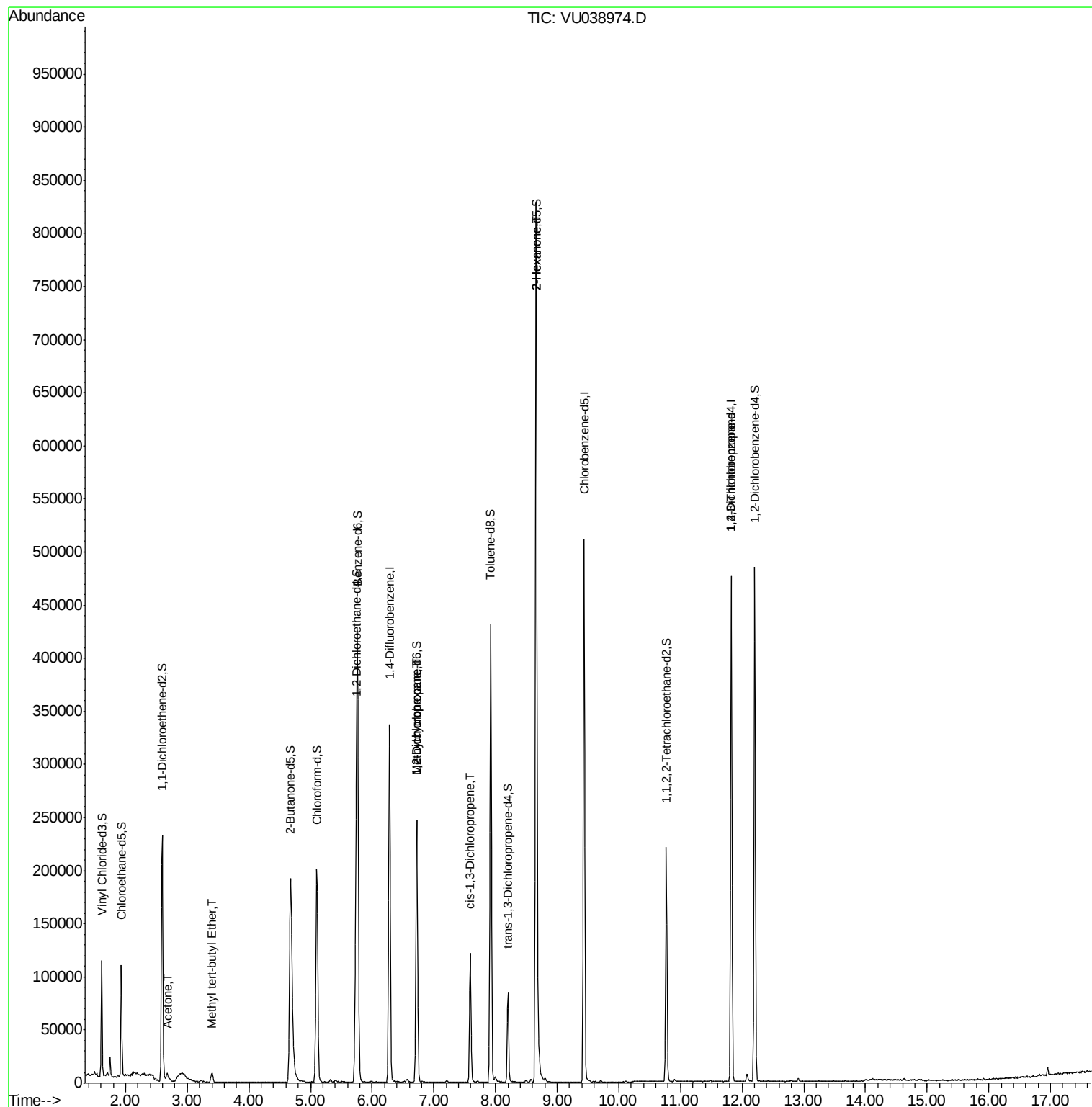
					Ovalue
13) Acetone	2.68	43	13684	3.473 ug/L	88
17) Methyl tert-butyl Ether	3.40	73	8862	0.184 ug/L	95
35) Methylcyclohexane	6.72	83	27156	0.826 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12428	0.582 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3274	0.104 ug/L #	71
48) 2-Hexanone	8.65	43	37547	3.370 ug/L #	74
59) 1,2,3-Trichloropropane	11.82	75	16107	0.978 ug/L	92

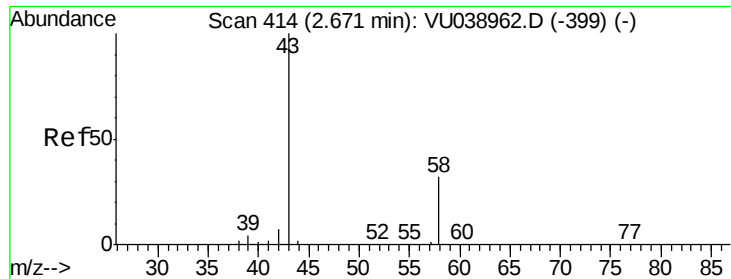
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.473 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU038974.D

Acq: 18 Jun 2020 16:50

Instrument :

MSVOA_U

ClientSampleId :

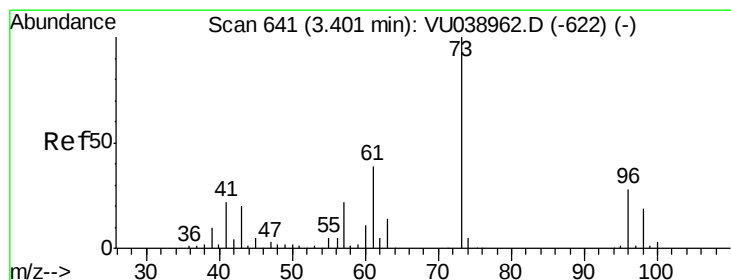
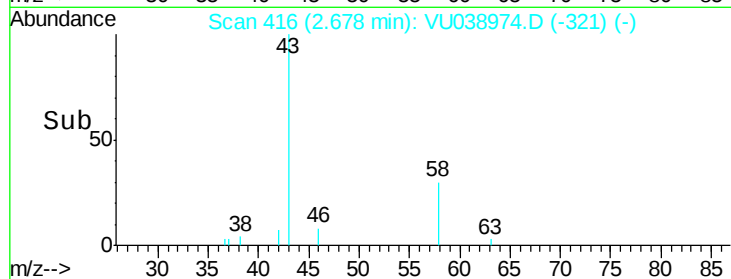
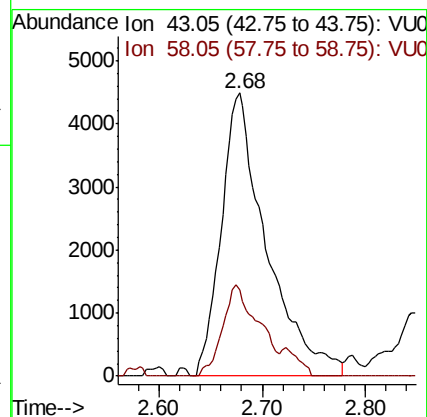
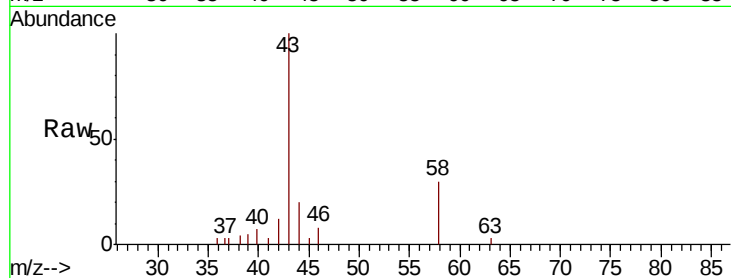
F9L39

Tot Ion: 43 Resp: 13684

Ion Ratio Lower Upper

43 100

58 25.8 0.0 65.0



#17

Methyl tert-butyl Ether

Concen: 0.184 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038974.D

Acq: 18 Jun 2020 16:50

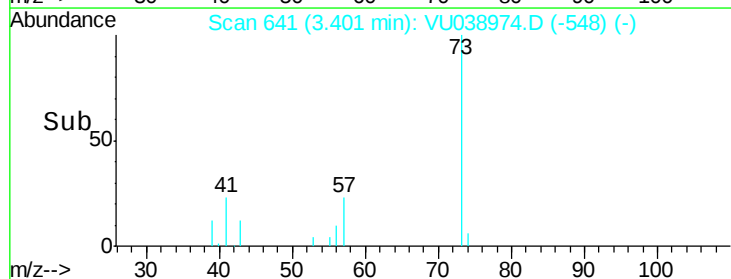
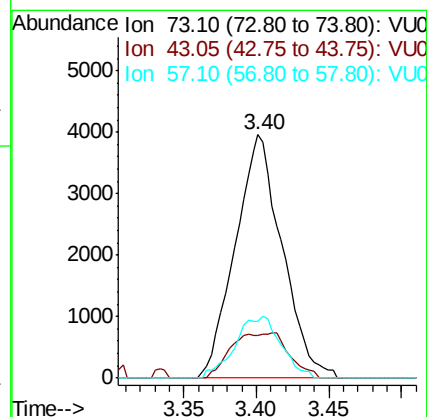
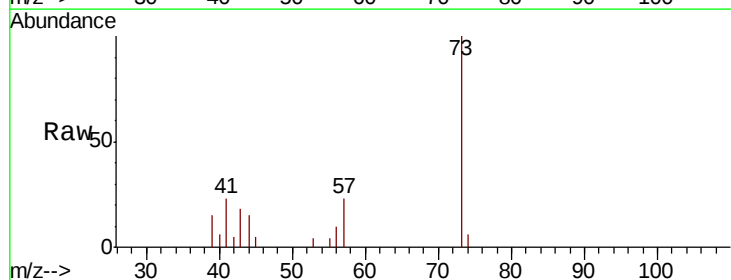
Tgt Ion: 73 Resp: 8862

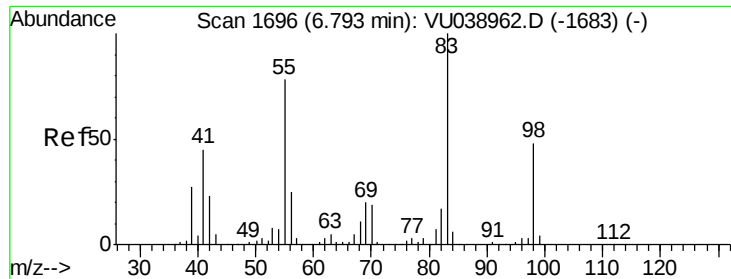
Ion Ratio Lower Upper

73 100

43 22.9 17.0 25.4

57 25.0 17.7 26.5

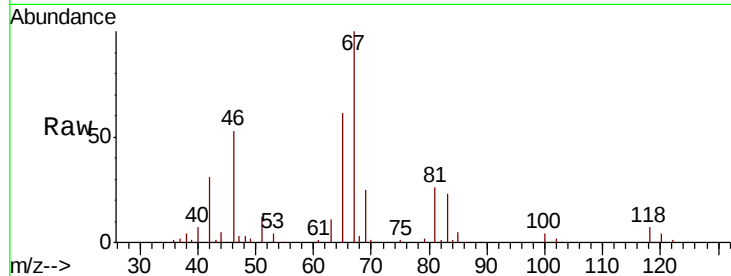




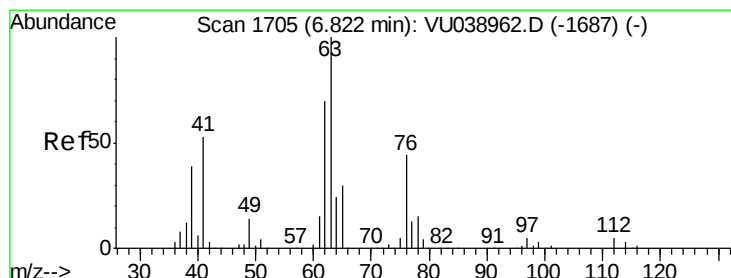
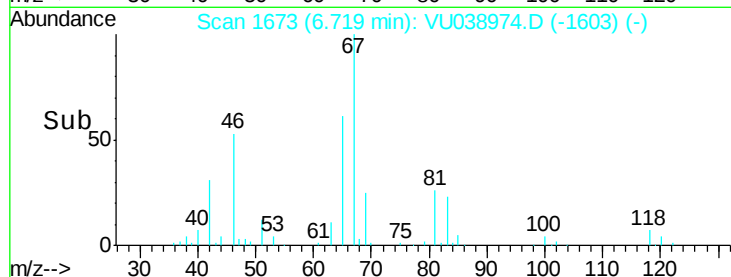
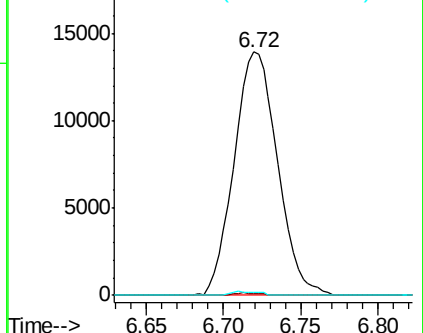
#35
Methvlcvclohexane
Concen: 0.826 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038974.D
Acq: 18 Jun 2020 16:50

Instrument :
MSVOA_U
ClientSampleId :
F9L39

Tot Ion	83.15	Resp	27156
Ion Ratio	Lower	Upper	
83	100		
55	0.6	61.8	92.8#
98	1.0	39.3	58.9#

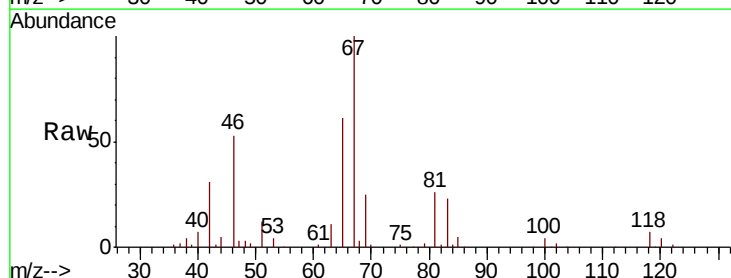


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

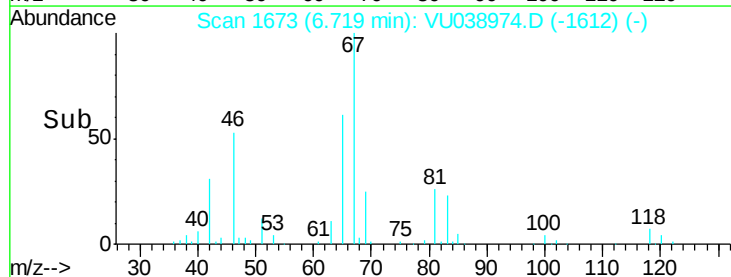
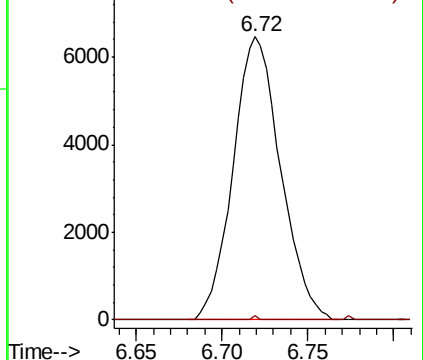


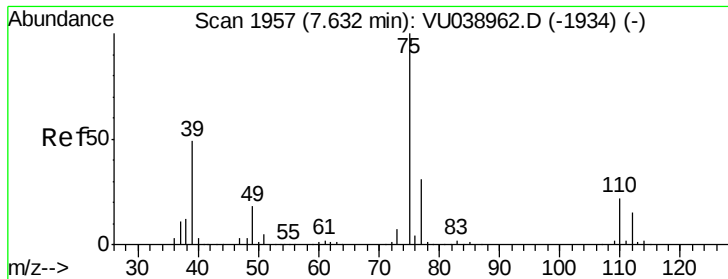
#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038974.D
Acq: 18 Jun 2020 16:50

Tgt Ion	63.10	Resp	12428
Ion Ratio	Lower	Upper	
63	100		
112	0.2	3.9	5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

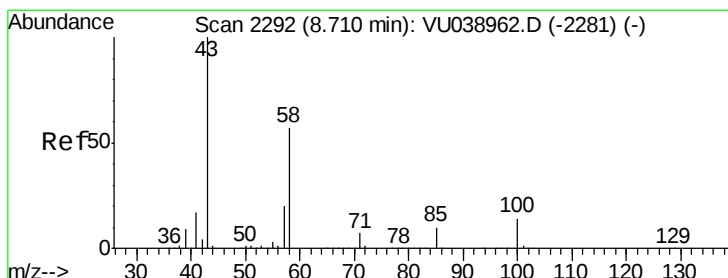
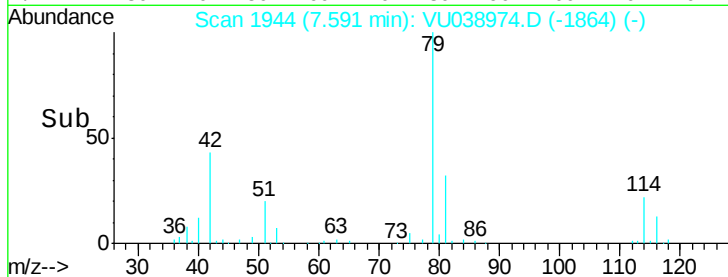
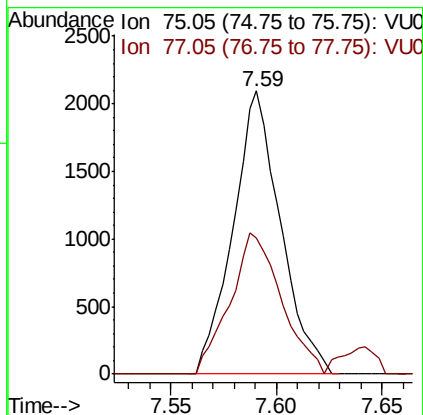
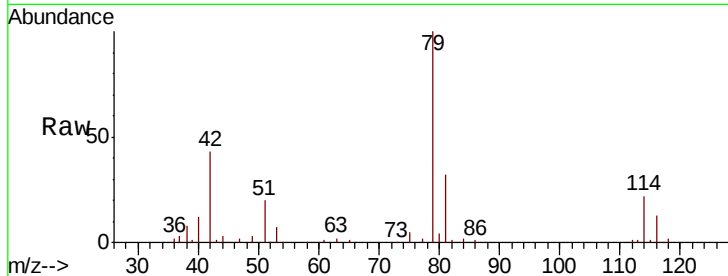




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038974.D
 Acq: 18 Jun 2020 16:50

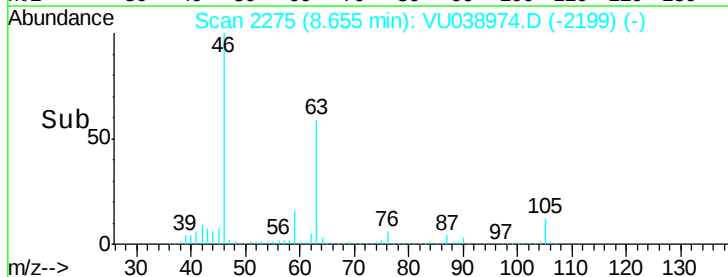
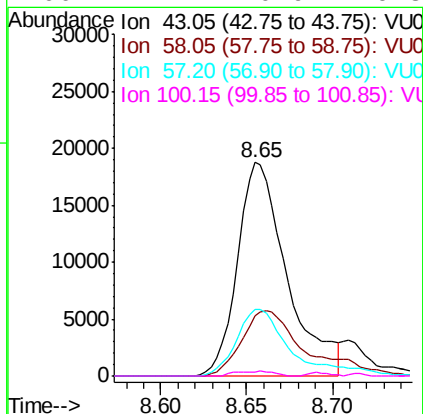
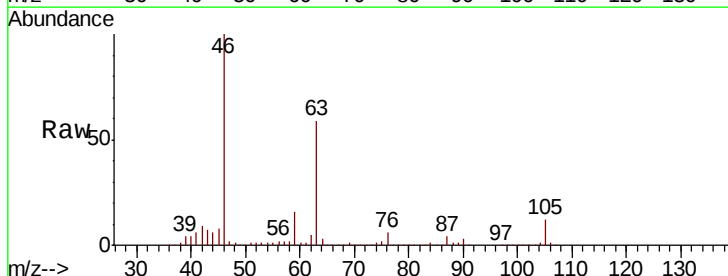
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 F9L39

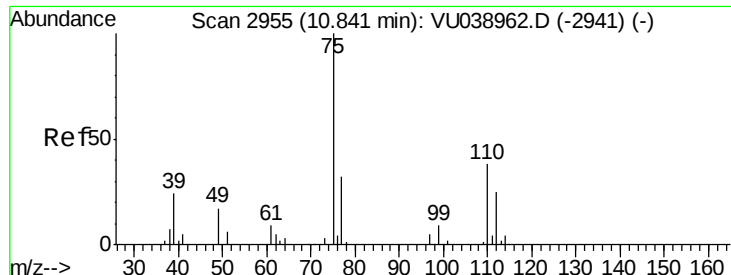
Tot Ion: 75 Resp: 3274
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.4 41.6#



#48
 2-Hexanone
 Concen: 3.370 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
 Lab File: VU038974.D
 Acq: 18 Jun 2020 16:50

Tgt Ion: 43 Resp: 37547
 Ion Ratio Lower Upper
 43 100
 58 39.2 45.2 67.8#
 57 34.3 16.1 24.1#
 100 1.7 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038974.D

Acq: 18 Jun 2020 16:50

Instrument :

MSVOA_U

ClientSampleId :

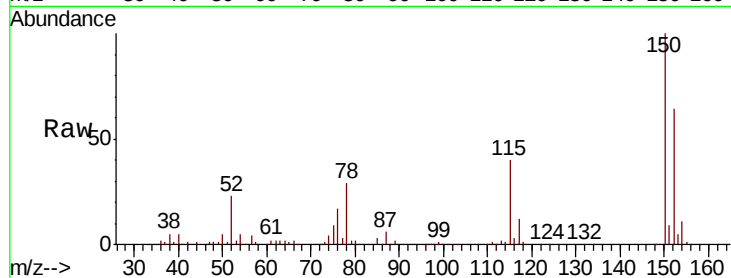
F9L39

Tot Ion: 75 Resp: 16107

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU038974.D (-2333) (-)

Ion 77.00 (76.70 to 77.70): VU038974.D (-2333) (-)

11.82

12000

10000

8000

6000

4000

2000

0

Time-->

