

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039221.D
 Acq On : 30 Jun 2020 05:33
 Operator : SY/MD
 Sample : L3116-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q32

Quant Time: Jun 30 06:56:38 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	213027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	216507	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	93746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68558	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.93	69	54356	3.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.40%
11) 1,1-Dichloroethene-d2	2.59	63	104639	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.67	46	196562	32.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.82%
24) Chloroform-d	5.10	84	126604	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.80%
26) 1,2-Dichloroethane-d4	5.74	65	76528	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
32) Benzene-d6	5.76	84	246840	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
36) 1,2-Dichloropropane-d6	6.72	67	76690	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.20%
41) Toluene-d8	7.92	98	195358	3.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.00%#
43) trans-1,3-Dichloropropene-	8.20	79	30965	3.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.80%
46) 2-Hexanone-d5	8.65	63	132789	29.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	66152	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	76925	3.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.00%#

Target Compounds

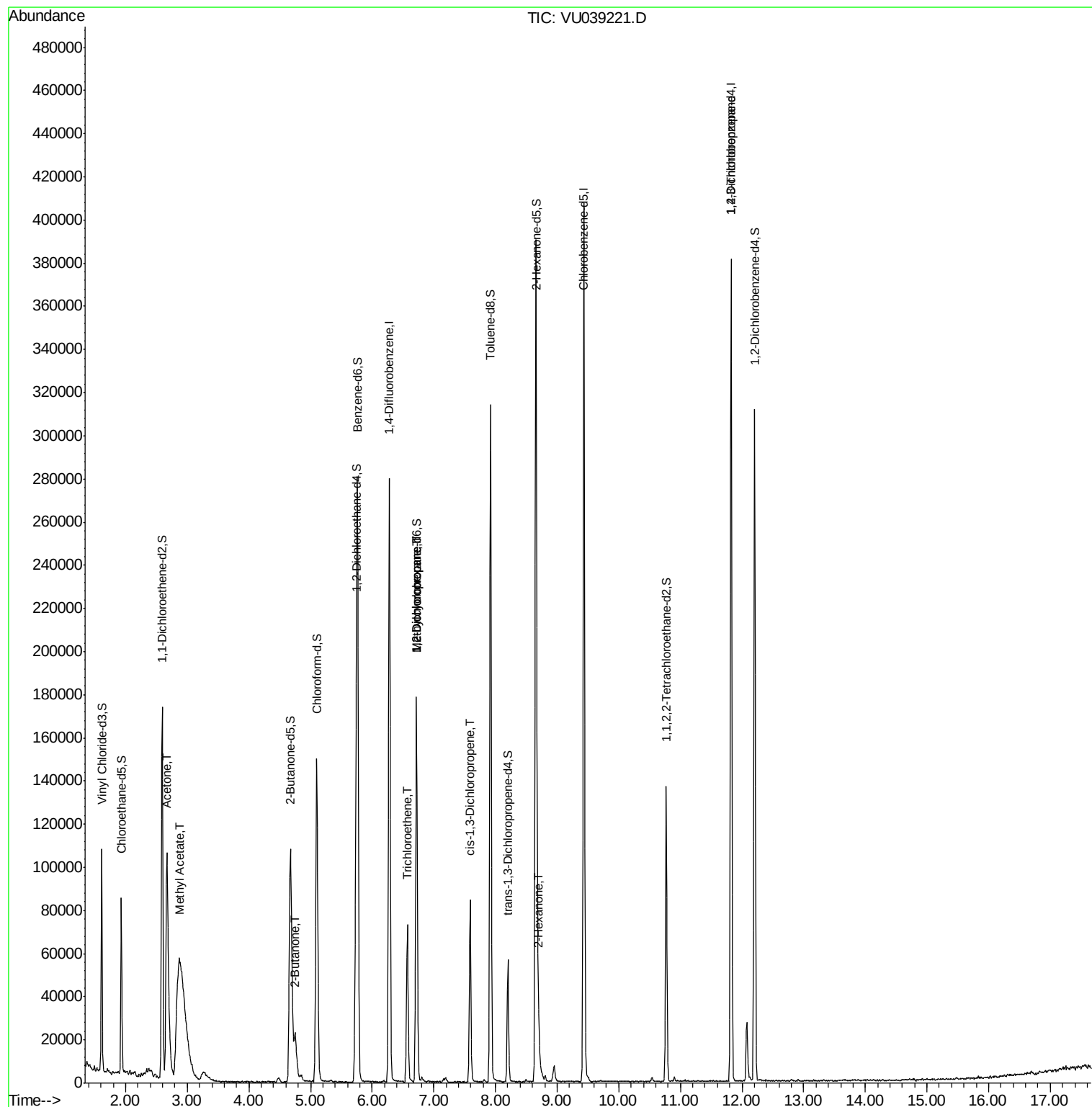
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	196721	53.732	ug/L	100
15) Methyl Acetate	2.88	43	2509	0.274	ug/L #	55
21) 2-Butanone	4.76	43	31447	5.409	ug/L	98
34) Trichloroethene	6.57	95	22805	1.279	ug/L	95
35) Methylcyclohexane	6.72	83	18378	0.691	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	9370	0.506	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2208	0.083	ug/L #	78
48) 2-Hexanone	8.70	43	10936	1.071	ug/L #	87
59) 1,2,3-Trichloropropane	11.83	75	12997	0.933	ug/L	90

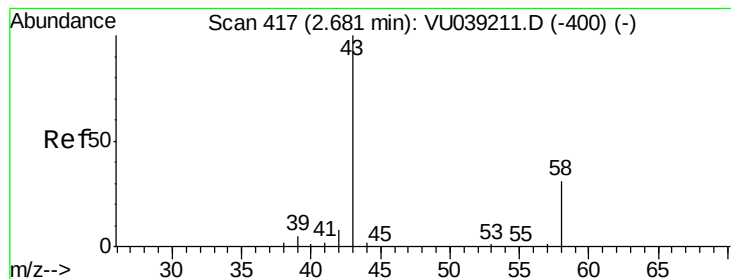
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 53.732 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039221.D

Acq: 30 Jun 2020 05:33

Instrument :

MSVOA_U

ClientSampleId :

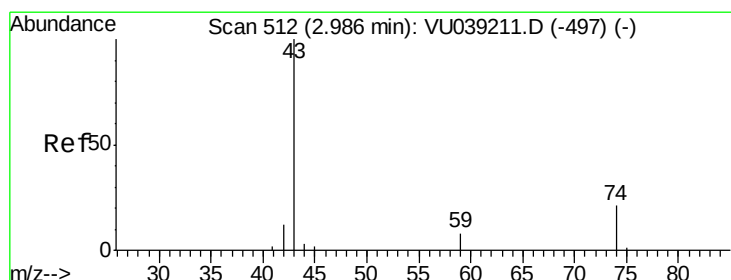
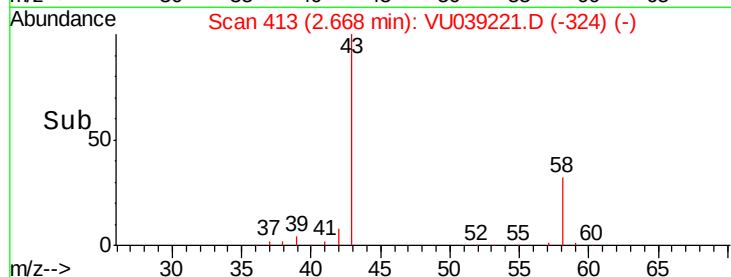
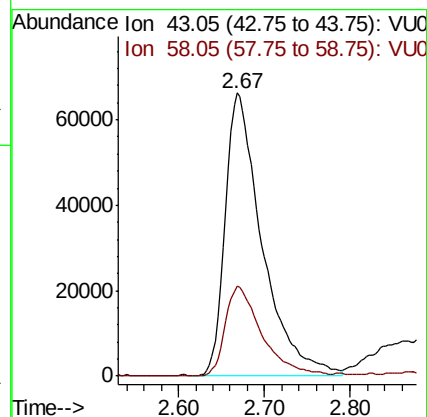
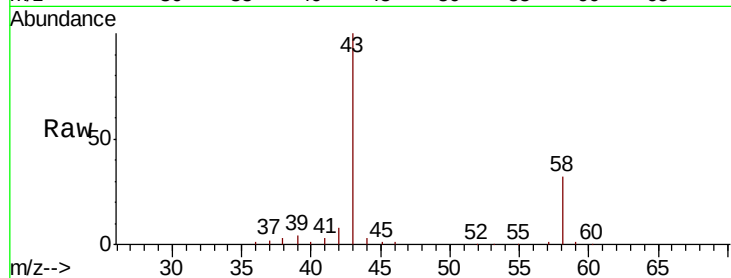
F9Q32

Tot Ion: 43 Resp: 196721

Ion Ratio Lower Upper

43 100

58 31.9 0.0 63.2



#15

Methyl Acetate

Concen: 0.274 ug/L

RT: 2.88 min Scan# 480

Delta R.T. -0.10 min

Lab File: VU039221.D

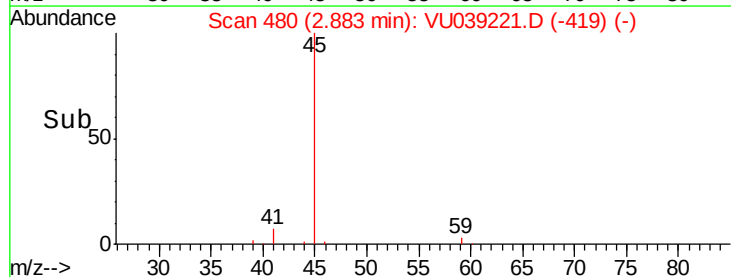
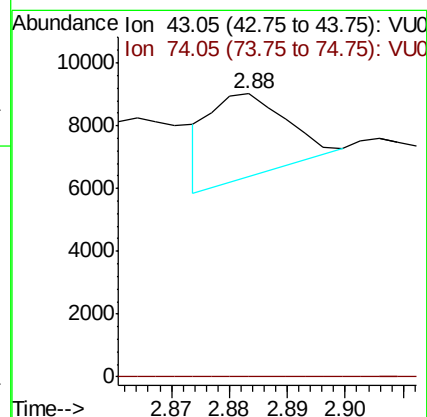
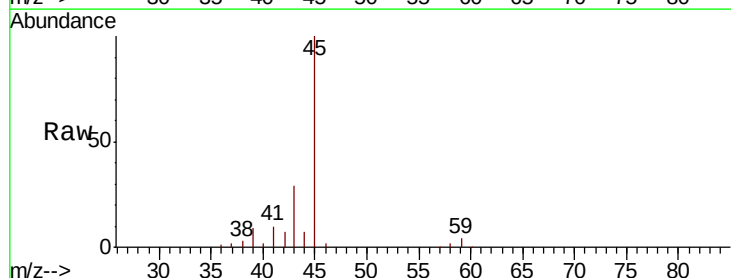
Acq: 30 Jun 2020 05:33

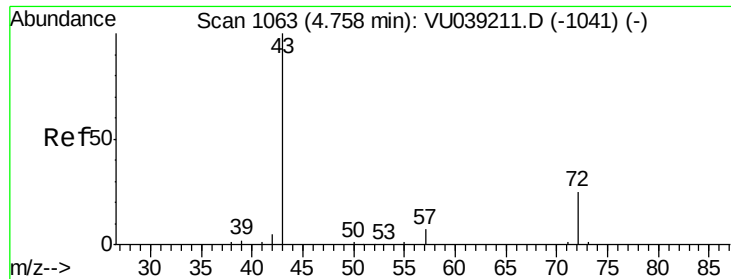
Tgt Ion: 43 Resp: 2509

Ion Ratio Lower Upper

43 100

74 0.8 17.8 26.6#





#21

2-Butanone

Concen: 5.409 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU039221.D

Acq: 30 Jun 2020 05:33

Instrument :

MSVOA_U

ClientSampleId :

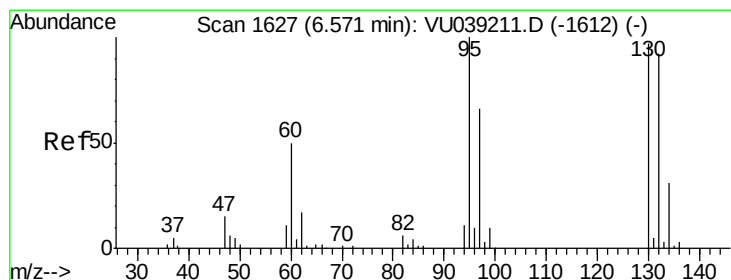
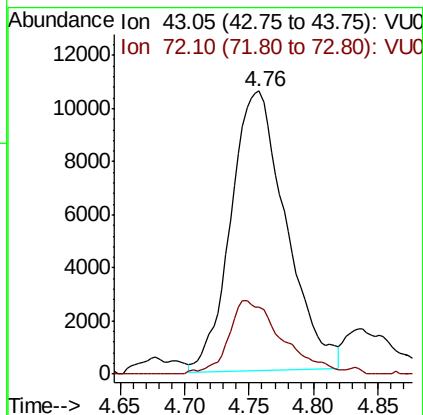
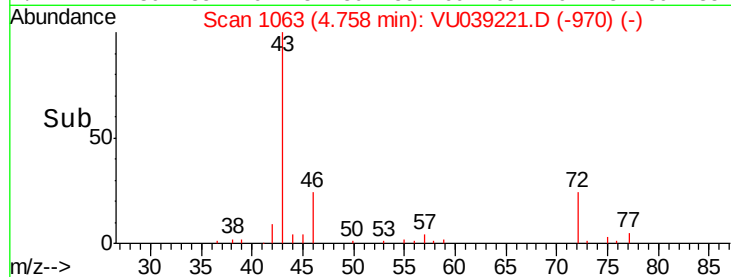
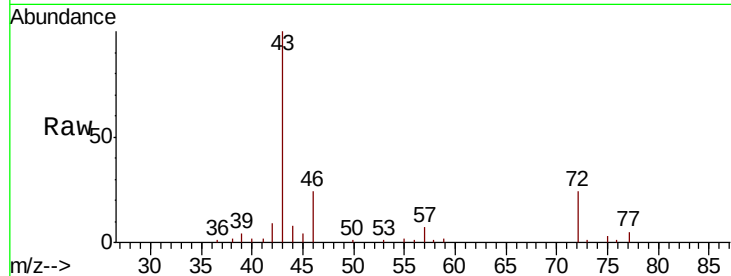
F9Q32

Tot Ion: 43 Resp: 31447

Ion Ratio Lower Upper

43 100

72 25.5 13.2 39.6



#34

Trichloroethene

Concen: 1.279 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU039221.D

Acq: 30 Jun 2020 05:33

Tgt Ion: 95 Resp: 22805

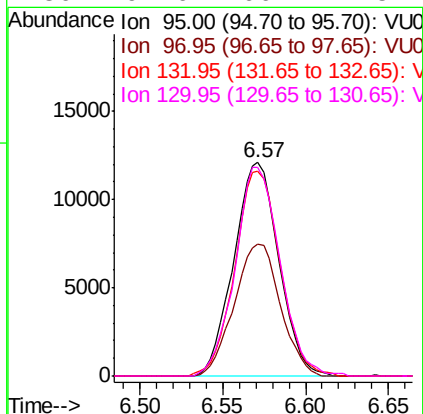
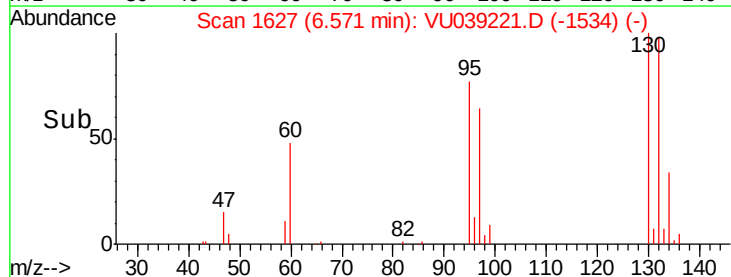
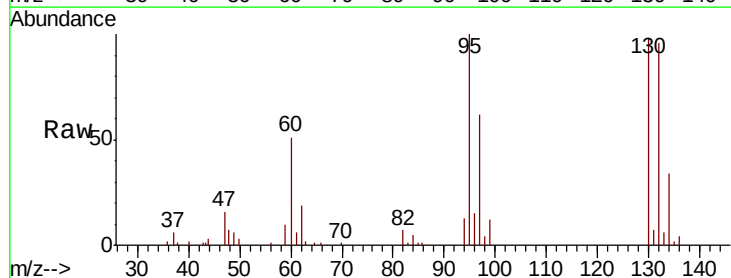
Ion Ratio Lower Upper

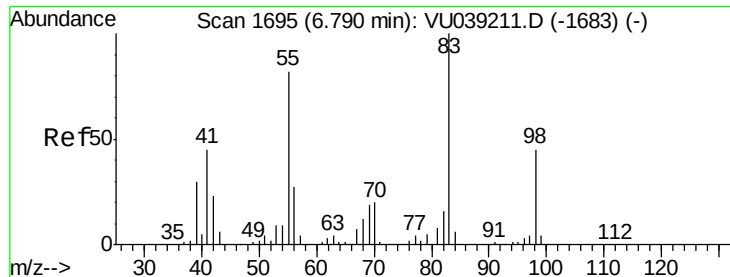
95 100

97 62.0 44.0 81.8

132 96.0 61.2 113.8

130 97.6 66.4 123.4

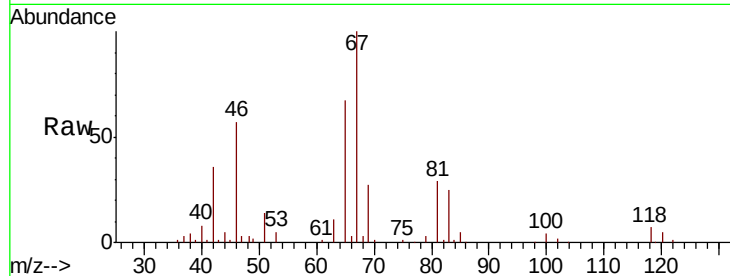




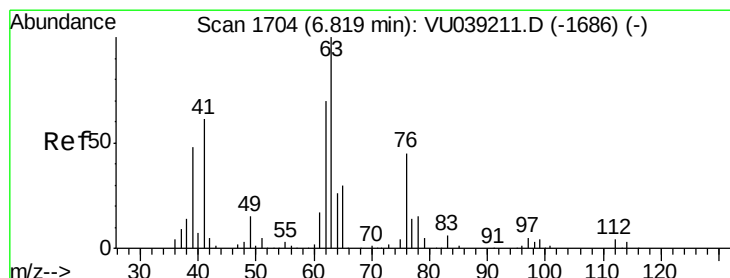
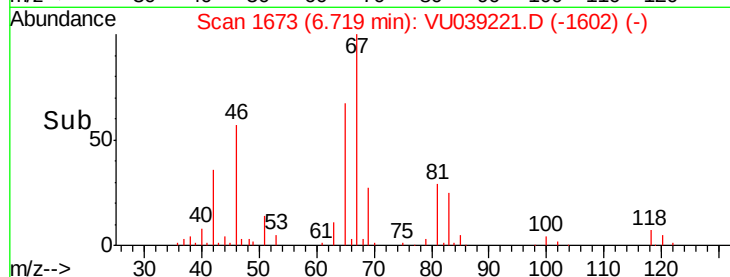
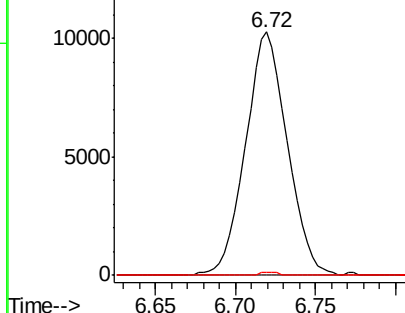
#35
Methylvlcyclohexane
Concen: 0.691 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039221.D
Acq: 30 Jun 2020 05:33

Instrument :
MSVOA_U
ClientSampleId :
F9Q32

Tot Ion: 83 Resp: 18378
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 0.5 38.2 57.4#

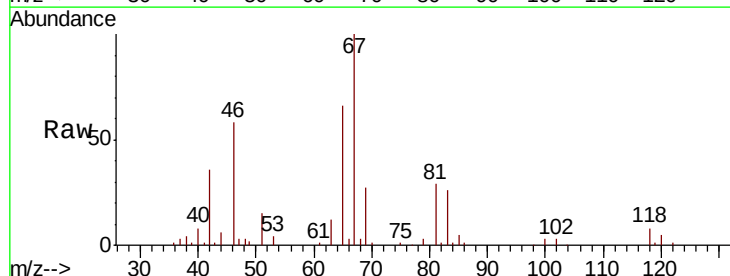


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

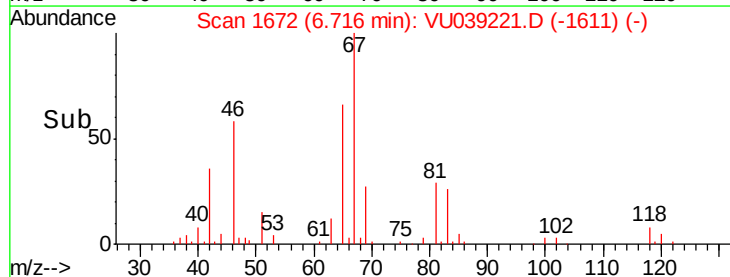
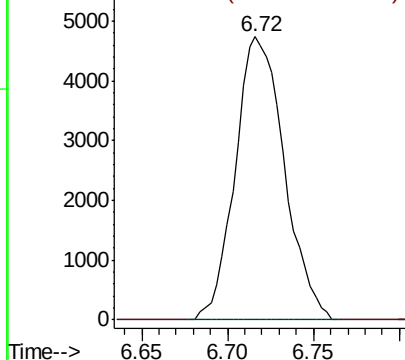


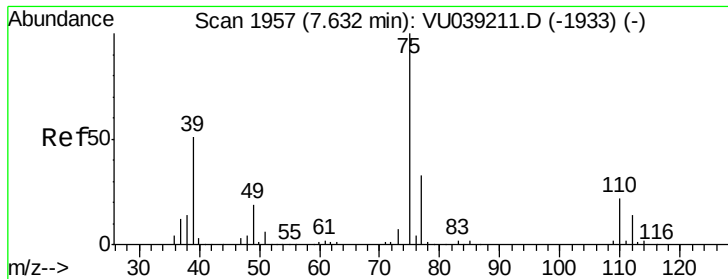
#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.10 min
Lab File: VU039221.D
Acq: 30 Jun 2020 05:33

Tgt Ion: 63 Resp: 9370
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

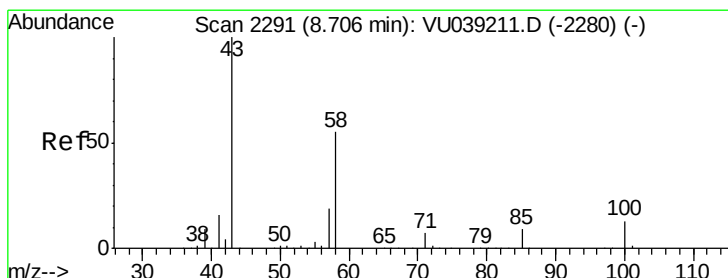
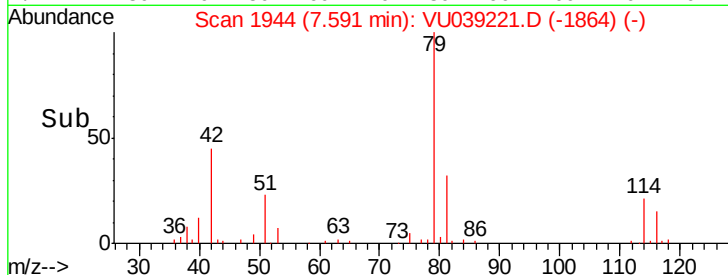
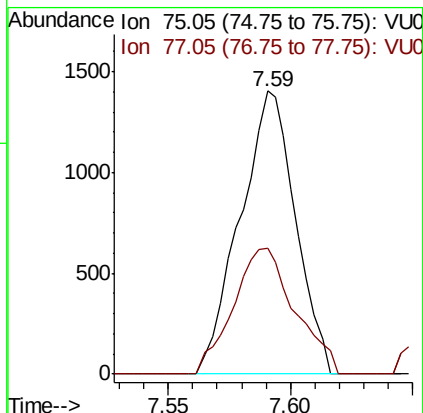
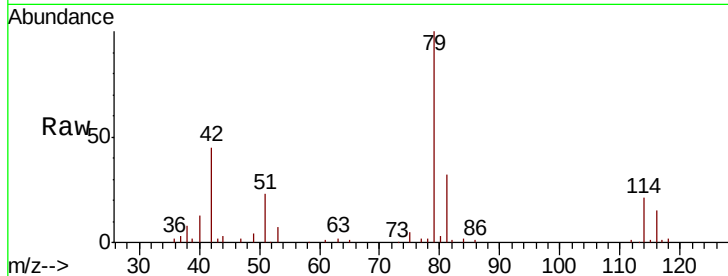




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039221.D
 Acq: 30 Jun 2020 05:33

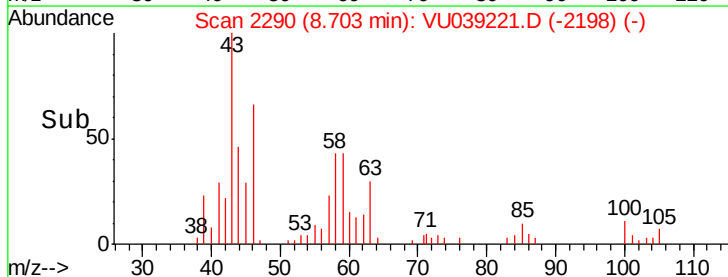
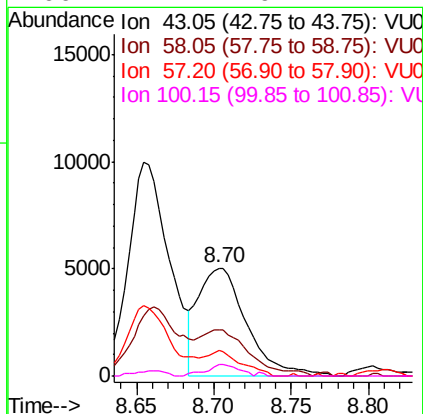
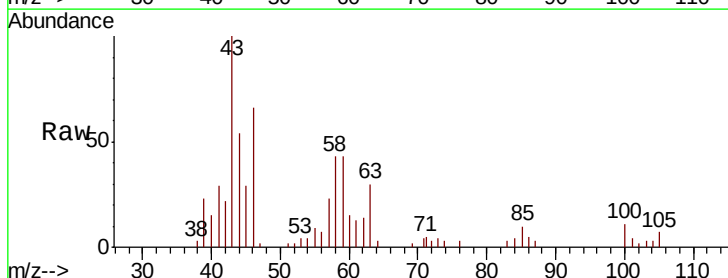
Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q32

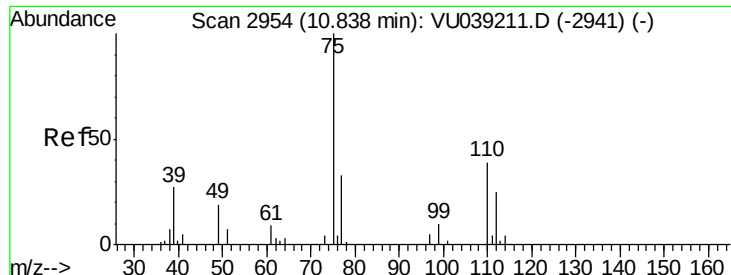
Tot Ion: 75 Resp: 2208
 Ion Ratio Lower Upper
 75 100
 77 44.7 22.7 42.1#



#48
 2-Hexanone
 Concen: 1.071 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU039221.D
 Acq: 30 Jun 2020 05:33

Tgt Ion: 43 Resp: 10936
 Ion Ratio Lower Upper
 43 100
 58 43.1 43.6 65.4#
 57 17.3 15.6 23.4
 100 7.1 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.933 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039221.D

Acq: 30 Jun 2020 05:33

Instrument :

MSVOA_U

ClientSampleId :

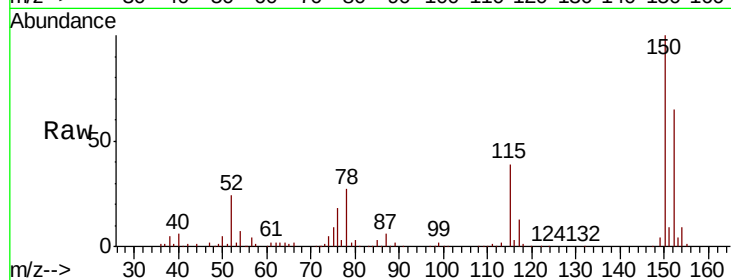
F9Q32

Tot Ion: 75 Resp: 12997

Ion Ratio Lower Upper

75 100

77 37.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

