

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062920\
 Data File : VU039222.D
 Acq On : 30 Jun 2020 05:56
 Operator : SY/MD
 Sample : L3116-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q33

Quant Time: Jun 30 06:56:45 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	210104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	215783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	95176	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69797	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.93	69	55503	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.59	63	106395	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.67	46	196791	33.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.82%
24) Chloroform-d	5.10	84	130908	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.74	65	79957	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
32) Benzene-d6	5.76	84	248315	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.80%
36) 1,2-Dichloropropane-d6	6.72	67	79194	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	7.92	98	201962	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	8.20	79	31075	3.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.20%
46) 2-Hexanone-d5	8.65	63	136231	29.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	62311	3.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.80%#
64) 1,2-Dichlorobenzene-d4	12.20	152	75827	3.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.80%#

Target Compounds

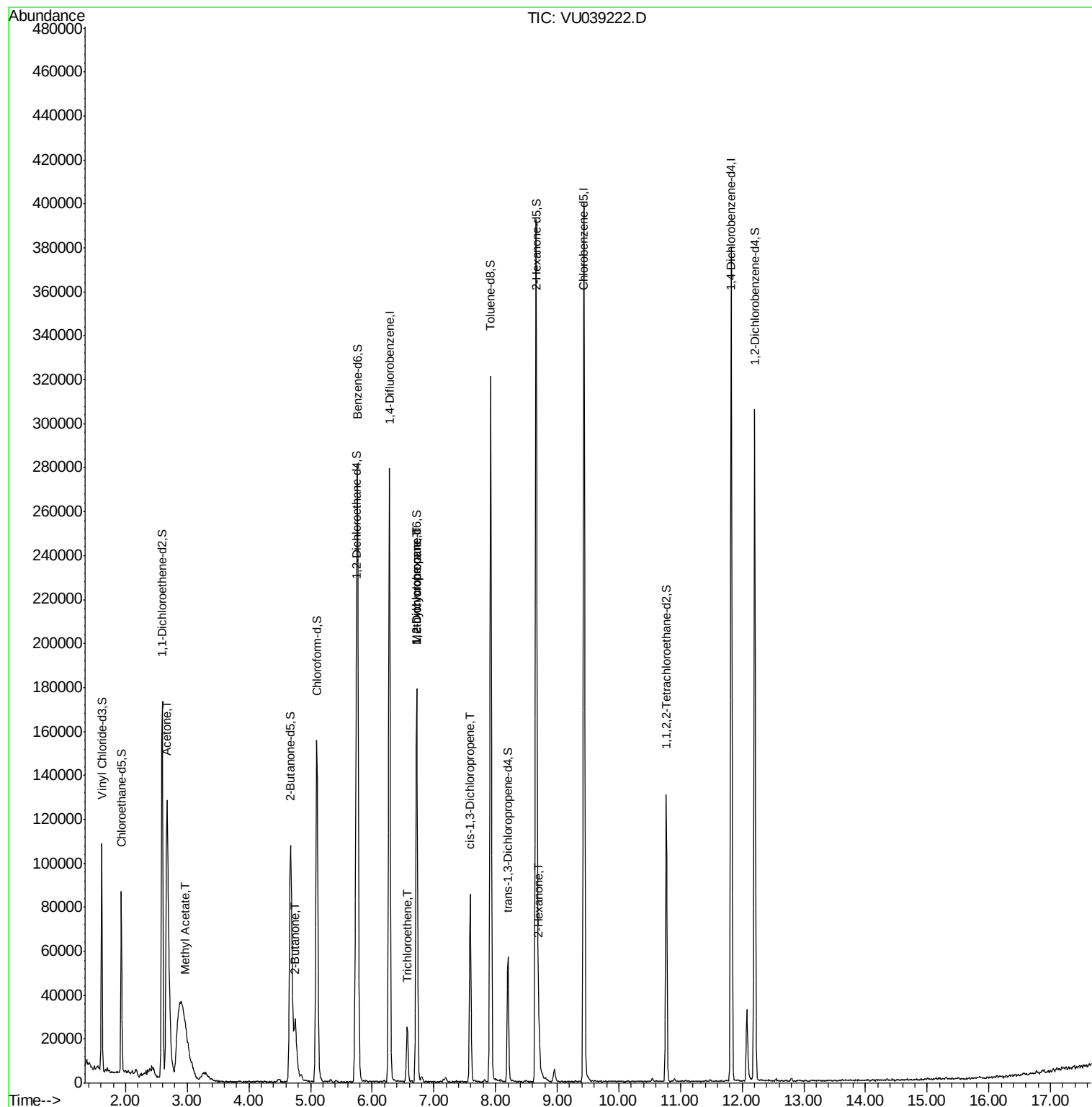
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	263188	72.887	ug/L	98
15) Methyl Acetate	2.97	43	5028	0.557	ug/L #	56
21) 2-Butanone	4.75	43	38822	6.770	ug/L	99
34) Trichloroethene	6.57	95	7002	0.394	ug/L	92
35) Methylcyclohexane	6.72	83	19114	0.721	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	8879	0.481	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2085	0.079	ug/L #	49
48) 2-Hexanone	8.70	43	9360	0.920	ug/L #	80

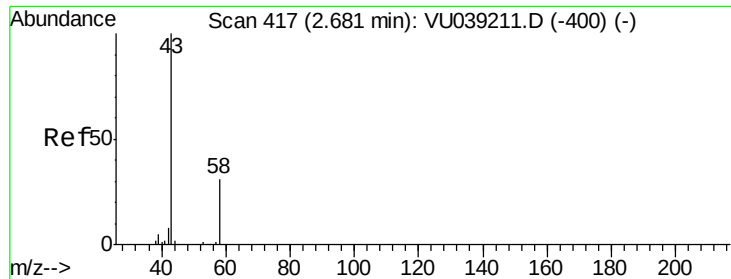
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 72.887 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039222.D

Acq: 30 Jun 2020 05:56

Instrument :

MSVOA_U

ClientSampleId :

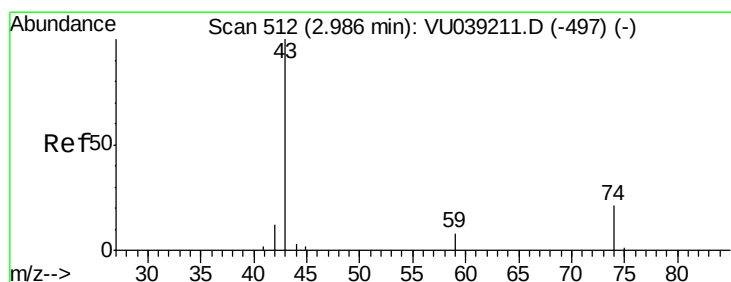
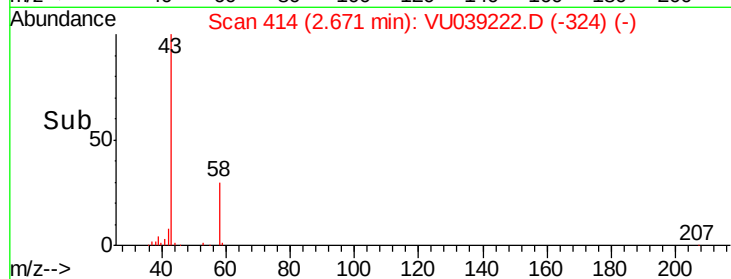
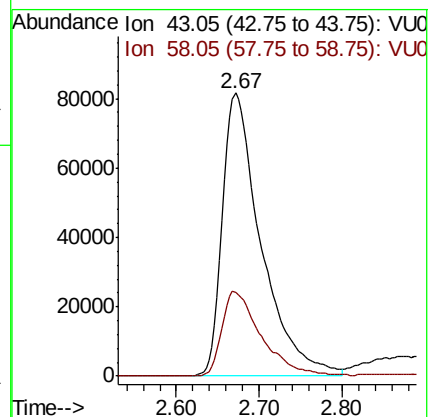
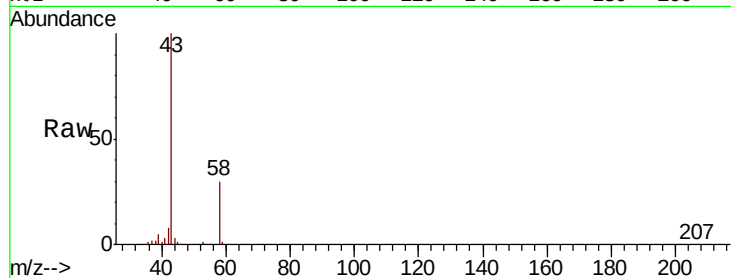
F9Q33

Tot Ion: 43 Resp: 263188

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.2



#15

Methyl Acetate

Concen: 0.557 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.02 min

Lab File: VU039222.D

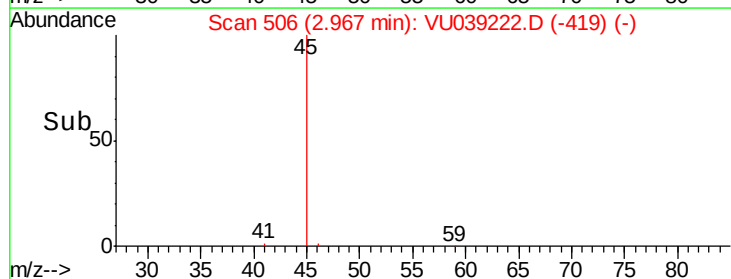
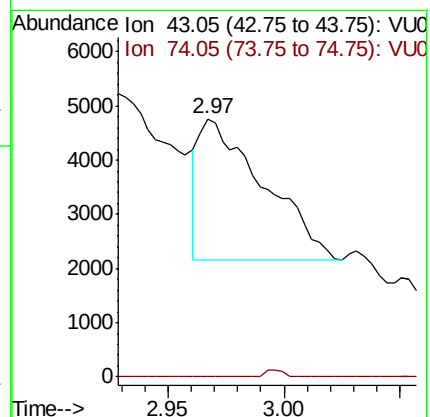
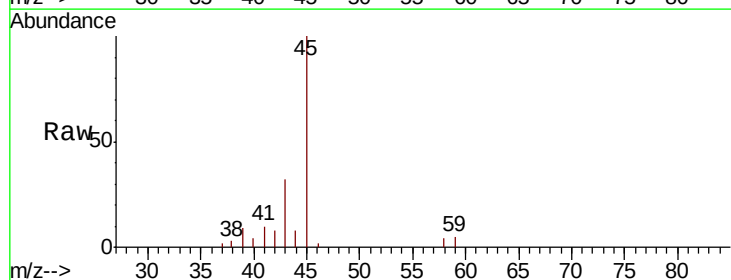
Acq: 30 Jun 2020 05:56

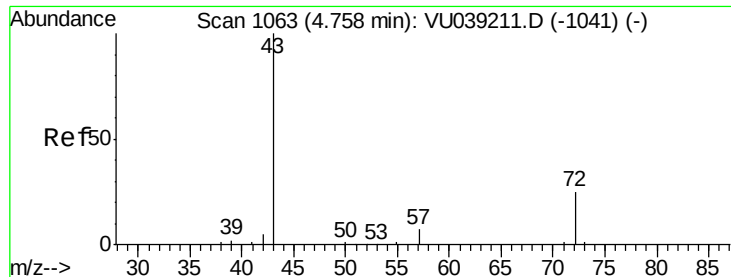
Tgt Ion: 43 Resp: 5028

Ion Ratio Lower Upper

43 100

74 1.4 17.8 26.6#





#21

2-Butanone

Concen: 6.770 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU039222.D

Acq: 30 Jun 2020 05:56

Instrument :

MSVOA_U

ClientSampleId :

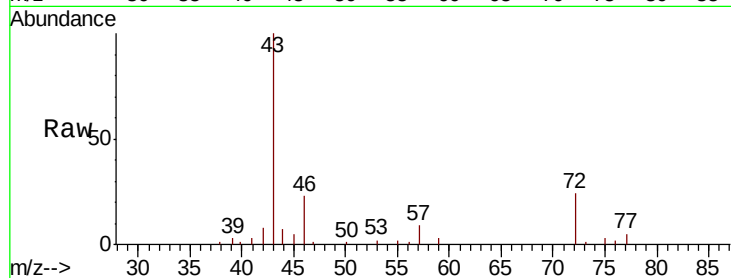
F9Q33

Tot Ion: 43 Resp: 38822

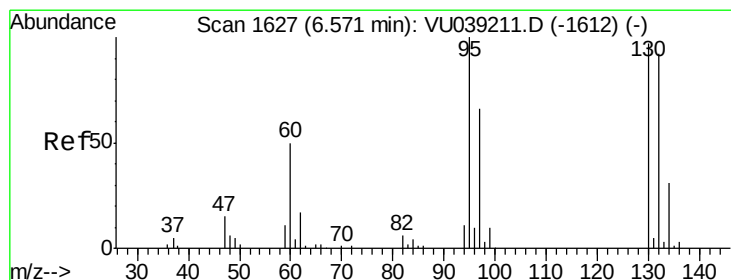
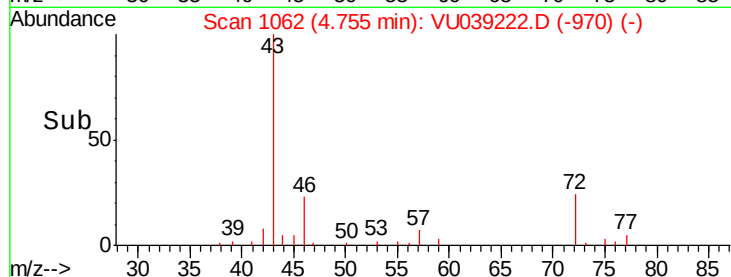
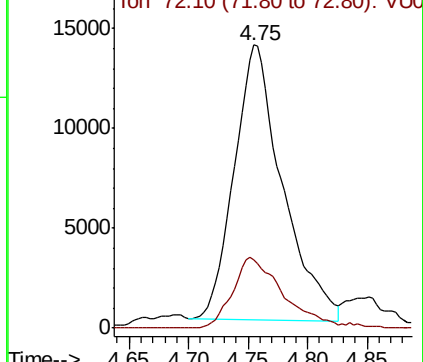
Ion Ratio Lower Upper

43 100

72 26.7 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU039211.D (-1041) (-)



#34

Trichloroethene

Concen: 0.394 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU039222.D

Acq: 30 Jun 2020 05:56

Tgt Ion: 95 Resp: 7002

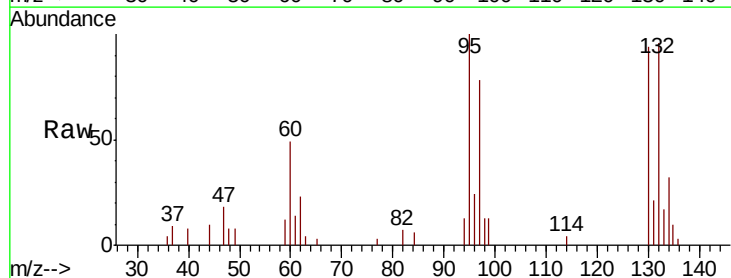
Ion Ratio Lower Upper

95 100

97 77.7 44.0 81.8

132 96.0 61.2 113.8

130 94.2 66.4 123.4



Abundance Ion 95.00 (94.70 to 95.70): VU039211.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU039211.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU039211.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU039211.D (-1612) (-)

Ion 127.95 (127.65 to 128.65): VU039211.D (-1612) (-)

Ion 125.95 (125.65 to 126.65): VU039211.D (-1612) (-)

Ion 123.95 (123.65 to 124.65): VU039211.D (-1612) (-)

Ion 121.95 (121.65 to 122.65): VU039211.D (-1612) (-)

Ion 119.95 (119.65 to 120.65): VU039211.D (-1612) (-)

Ion 117.95 (117.65 to 118.65): VU039211.D (-1612) (-)

Ion 115.95 (115.65 to 116.65): VU039211.D (-1612) (-)

Ion 113.95 (113.65 to 114.65): VU039211.D (-1612) (-)

Ion 111.95 (111.65 to 112.65): VU039211.D (-1612) (-)

Ion 109.95 (109.65 to 110.65): VU039211.D (-1612) (-)

Ion 107.95 (107.65 to 108.65): VU039211.D (-1612) (-)

Ion 105.95 (105.65 to 106.65): VU039211.D (-1612) (-)

Ion 103.95 (103.65 to 104.65): VU039211.D (-1612) (-)

Ion 101.95 (101.65 to 102.65): VU039211.D (-1612) (-)

Ion 99.95 (99.65 to 100.65): VU039211.D (-1612) (-)

Ion 97.95 (97.65 to 98.65): VU039211.D (-1612) (-)

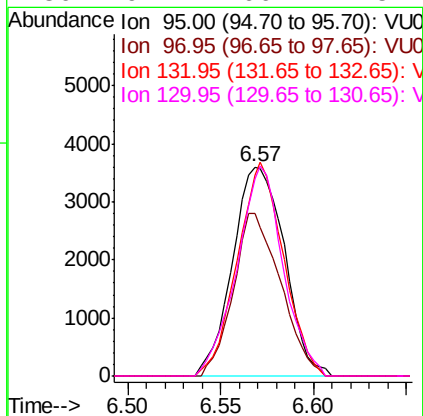
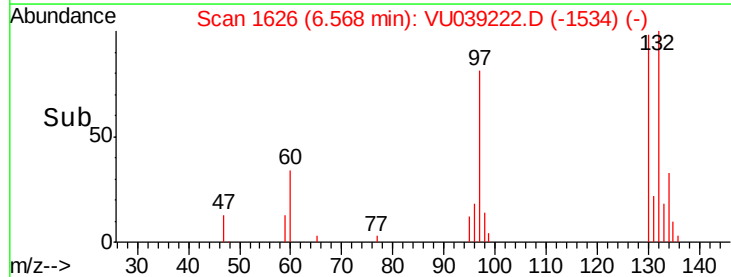
Ion 95.95 (95.65 to 96.65): VU039211.D (-1612) (-)

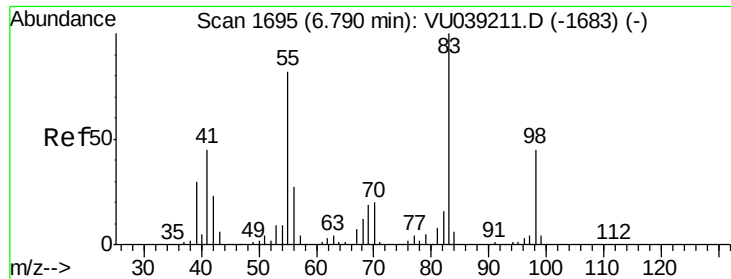
Ion 93.95 (93.65 to 94.65): VU039211.D (-1612) (-)

Ion 91.95 (91.65 to 92.65): VU039211.D (-1612) (-)

Ion 89.95 (89.65 to 90.65): VU039211.D (-1612) (-)

Ion 87.95 (87.65 to 88.65): VU039211.D (-1612) (-)

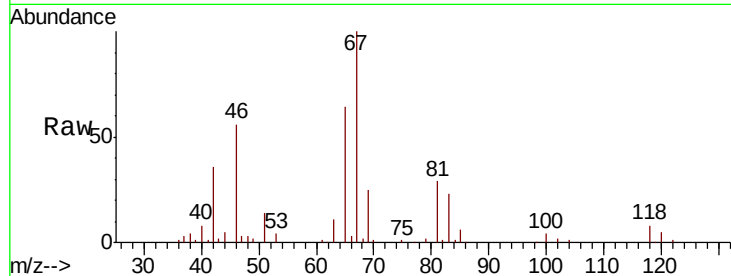




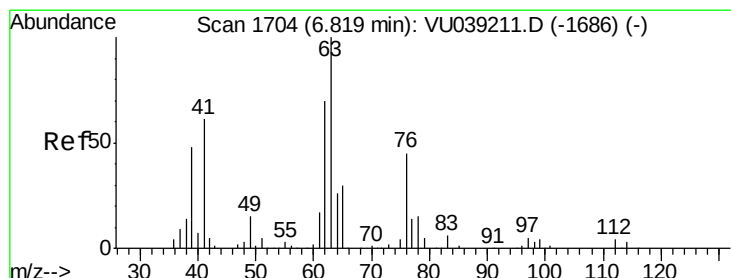
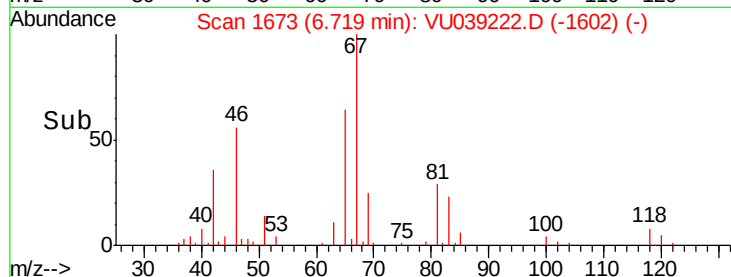
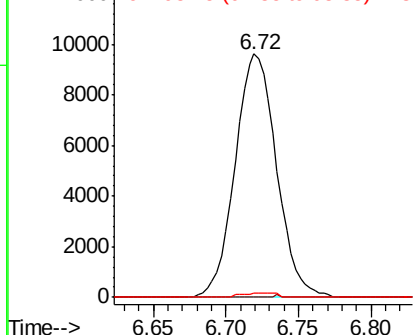
#35
Methvlcvclohexane
Concen: 0.721 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039222.D
Acq: 30 Jun 2020 05:56

Instrument :
MSVOA_U
ClientSampleId :
F9Q33

Tot Ion: 83 Resp: 19114
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 1.0 38.2 57.4#

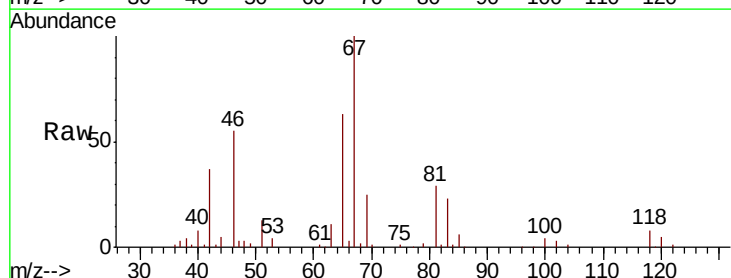


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

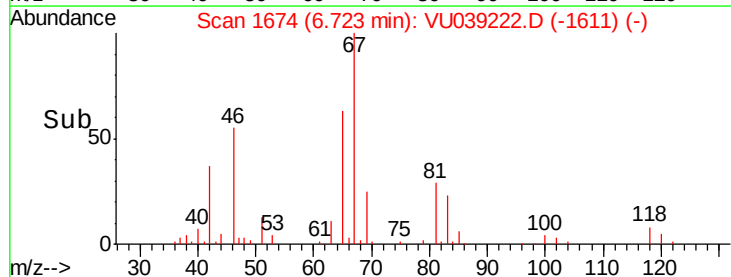
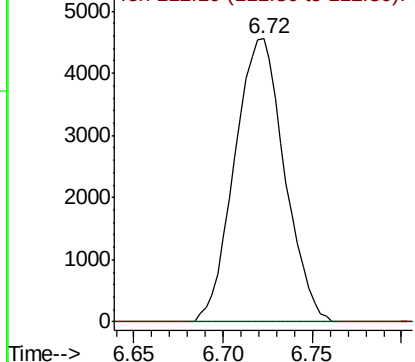


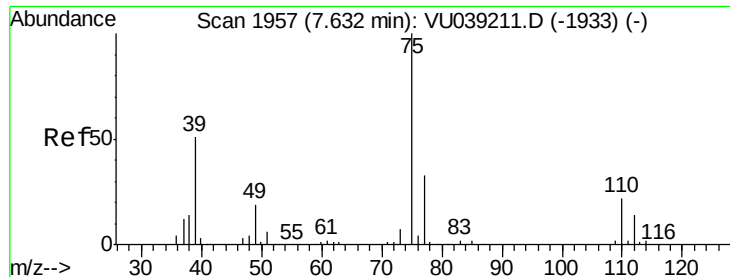
#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039222.D
Acq: 30 Jun 2020 05:56

Tgt Ion: 63 Resp: 8879
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

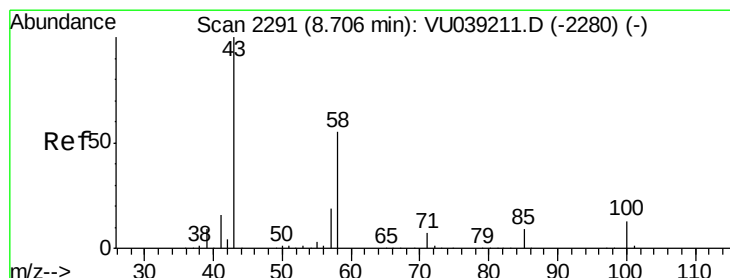
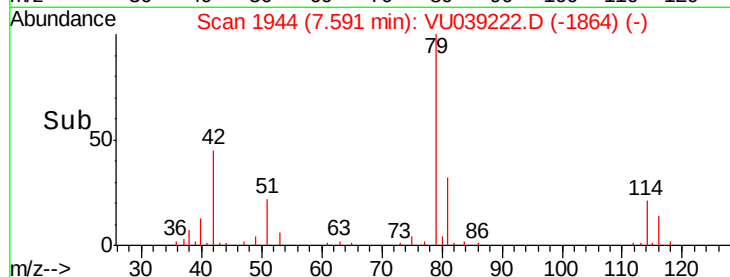
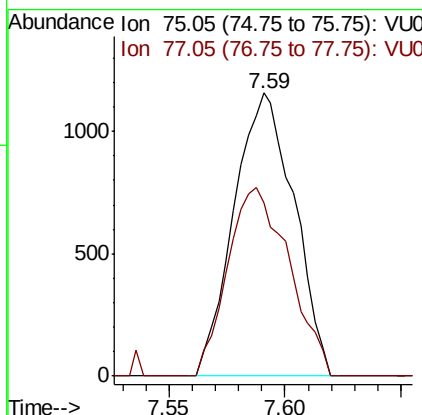
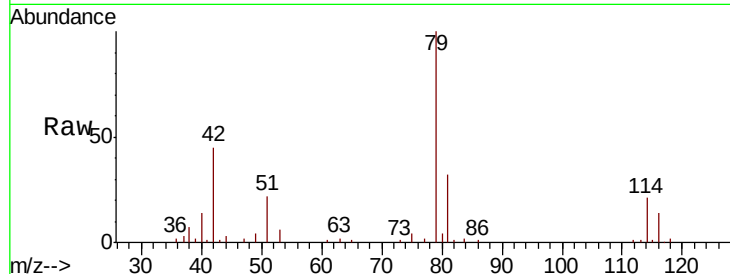




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039222.D
 Acq: 30 Jun 2020 05:56

Instrument :
 MSVOA_U
 ClientSampled :
 F9Q33

Tot Ion: 75 Resp: 2085
 Ion Ratio Lower Upper
 75 100
 77 61.2 22.7 42.1#



#48
 2-Hexanone
 Concen: 0.920 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU039222.D
 Acq: 30 Jun 2020 05:56

Tgt Ion: 43 Resp: 9360
 Ion Ratio Lower Upper
 43 100
 58 43.8 43.6 65.4
 57 0.0 15.6 23.4#
 100 9.6 9.4 14.2

