

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039756.D
 Acq On : 06 Aug 2020 14:50
 Operator : SY/MD
 Sample : L3572-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 03:25:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77894	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23900	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.92	69	22858	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.57	63	37529	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	4.71	46	127793	69.08	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.16%#
24) Chloroform-d	5.08	84	50110	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	32888	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	91629	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.71	67	30854	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	70184	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	9305	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.65	63	116383	91.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	183.72%#
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35862	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	12.19	152	30536	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

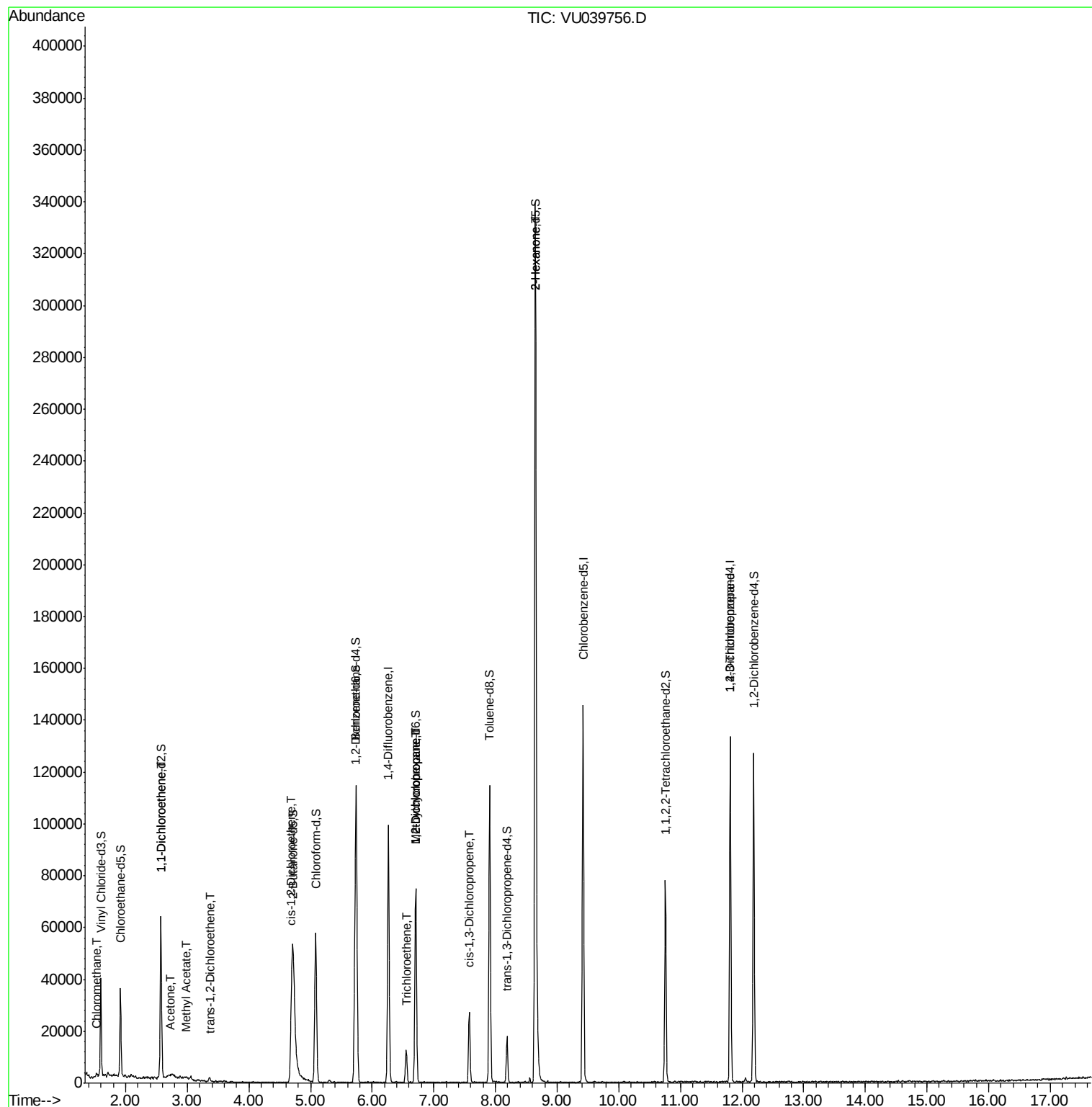
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	602	0.091	ug/L #	66
12) 1,1-Dichloroethene	2.57	96	366	0.079	ug/L #	1
13) Acetone	2.73	43	1062	0.974	ug/L	63
15) Methyl Acetate	2.99	43	440	0.164	ug/L #	55
18) trans-1,2-Dichloroethene	3.36	96	530	0.102	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	4563	0.811	ug/L	92
34) Trichloroethene	6.56	95	3608	0.680	ug/L	86
35) Methylcyclohexane	6.70	83	7558	0.893	ug/L #	22
37) 1,2-Dichloropropane	6.71	63	3687	0.680	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	717	0.097	ug/L #	50
48) 2-Hexanone	8.65	43	17326	5.920	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	4646	1.188	ug/L	98

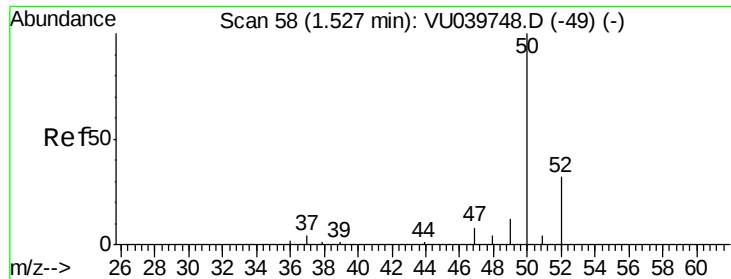
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039756.D

Acq: 06 Aug 2020 14:50

Instrument :

MSVOA_U

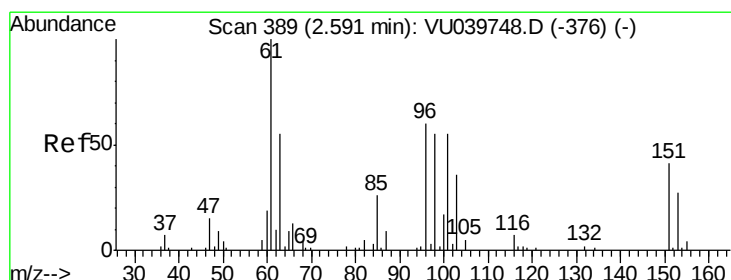
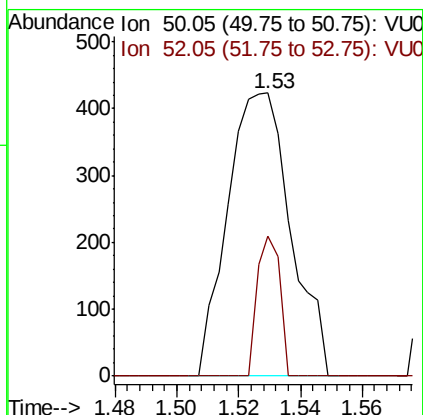
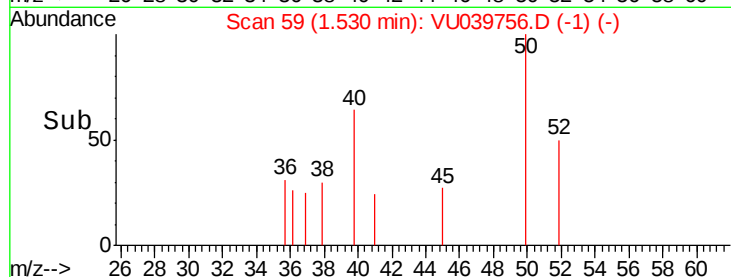
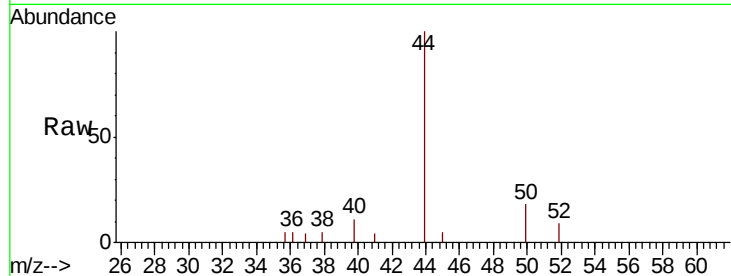
ClientSampled :

Tot Ion: 50 Resp: 602

Ion Ratio Lower Upper

50 100

52 49.6 21.6 40.0#



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU039756.D

Acq: 06 Aug 2020 14:50

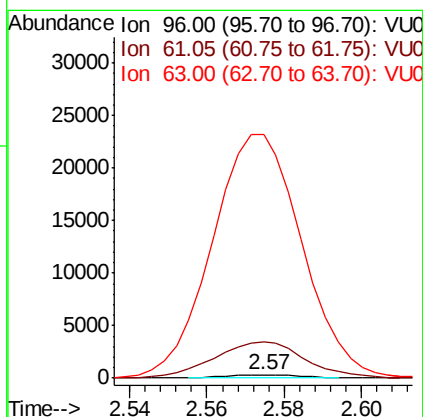
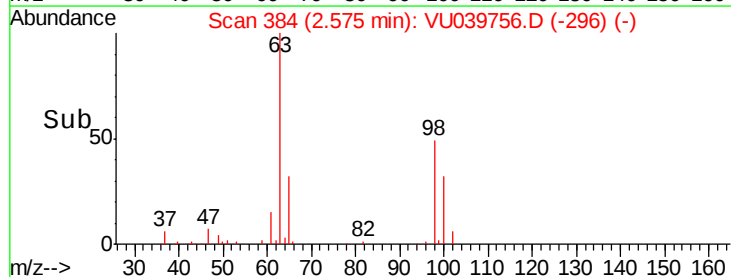
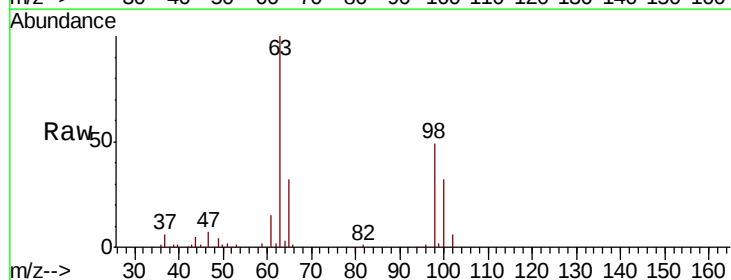
Tgt Ion: 96 Resp: 366

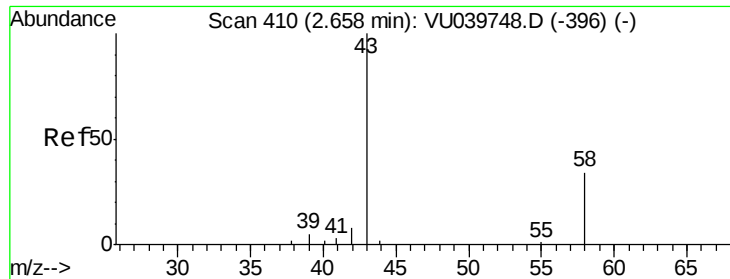
Ion Ratio Lower Upper

96 100

61 1231.0 121.7 225.9#

63 8253.4 82.1 152.5#





#13

Acetone

Concen: 0.974 ug/L

RT: 2.73 min Scan# 433

Delta R.T. 0.07 min

Lab File: VU039756.D

Acq: 06 Aug 2020 14:50

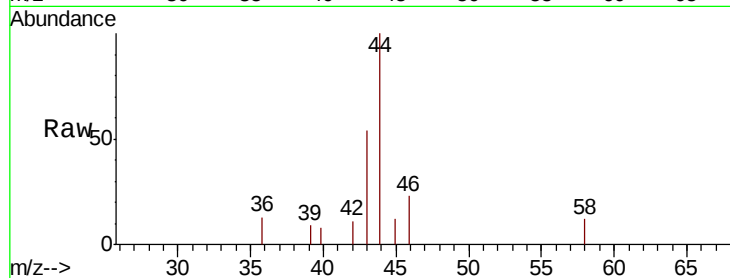
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 1062

Ion Ratio Lower Upper

43 100

58 10.7 0.0 61.8



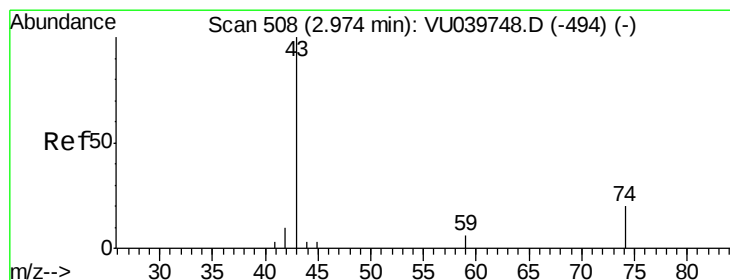
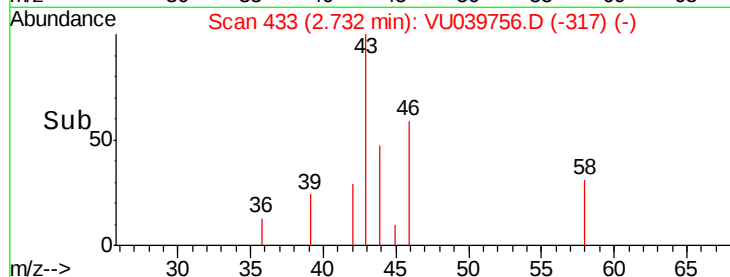
Abundance Ion 43.05 (42.75 to 43.75): VU039748.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039748.D (-396) (-)

2.73

2.75

Time-->



#15

Methyl Acetate

Concen: 0.164 ug/L

RT: 2.99 min Scan# 512

Delta R.T. 0.01 min

Lab File: VU039756.D

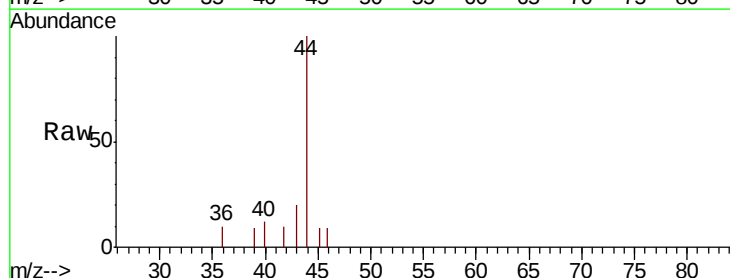
Acq: 06 Aug 2020 14:50

Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



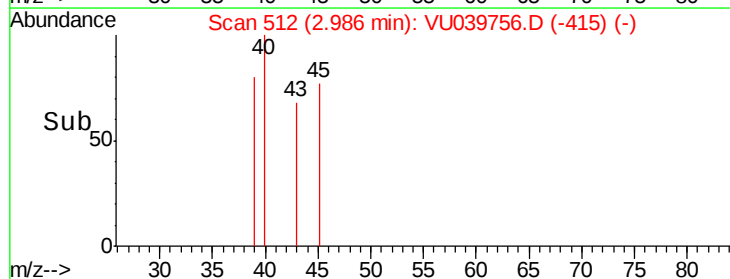
Abundance Ion 43.05 (42.75 to 43.75): VU039748.D (-494) (-)

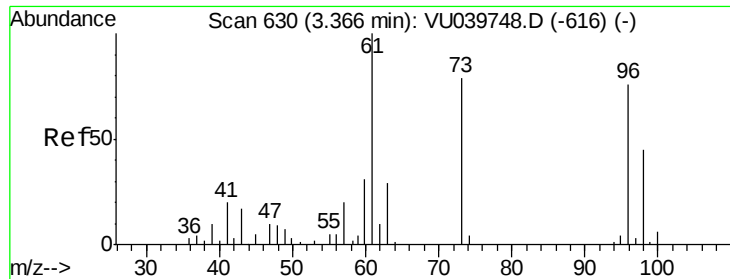
Ion 74.05 (73.75 to 74.75): VU039748.D (-494) (-)

2.99

3.00

Time-->

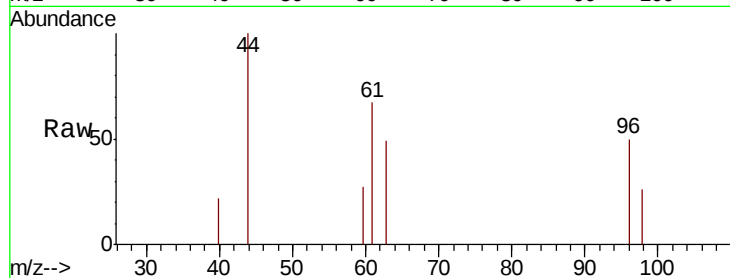




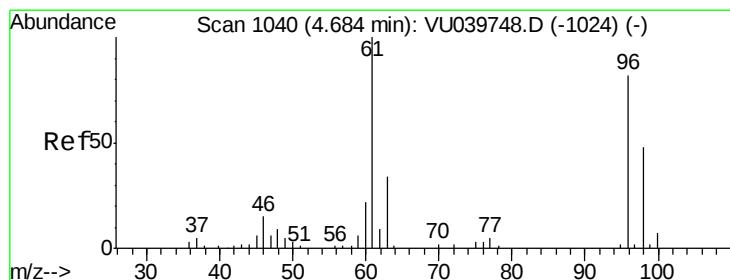
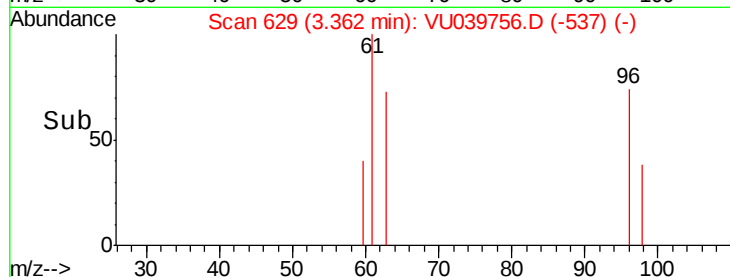
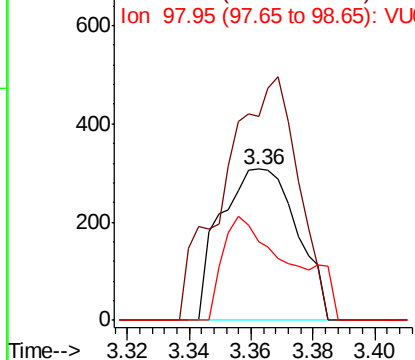
#18
 trans-1,2-Dichloroethene
 Concen: 0.102 ug/L
 RT: 3.36 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: VU039756.D
 Acq: 06 Aug 2020 14:50

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 530
 Ion Ratio Lower Upper
 96 100
 61 134.7 96.5 179.1
 98 51.6 40.9 76.0

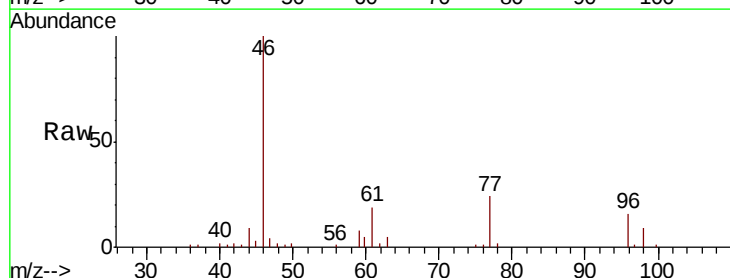


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

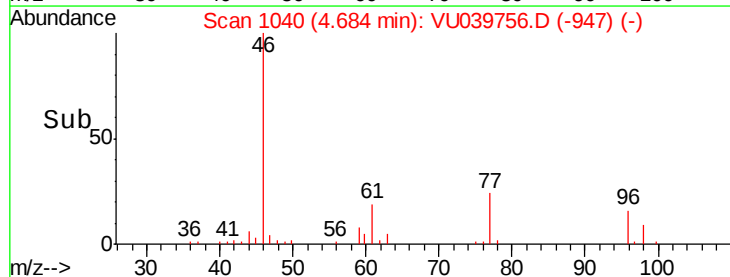
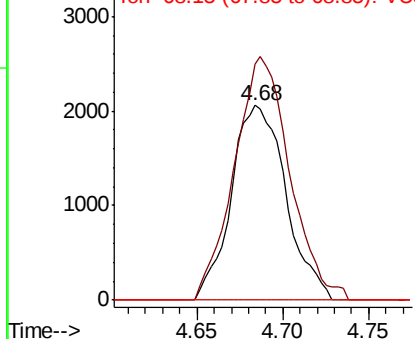


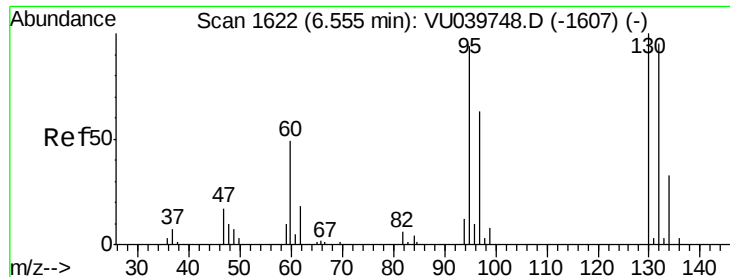
#22
 cis-1,2-Dichloroethene
 Concen: 0.811 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039756.D
 Acq: 06 Aug 2020 14:50

Tgt Ion: 96 Resp: 4563
 Ion Ratio Lower Upper
 96 100
 61 115.4 87.4 162.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.680 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

Lab File: VU039756.D

Acq: 06 Aug 2020 14:50

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 95 Resp: 3608

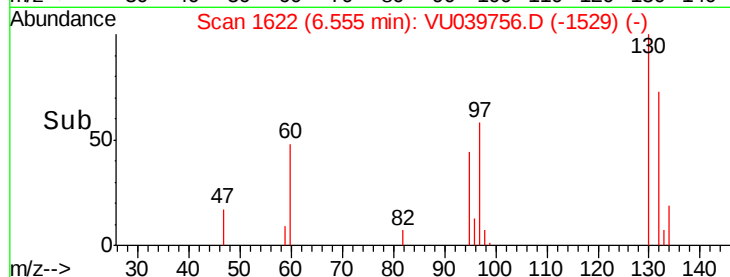
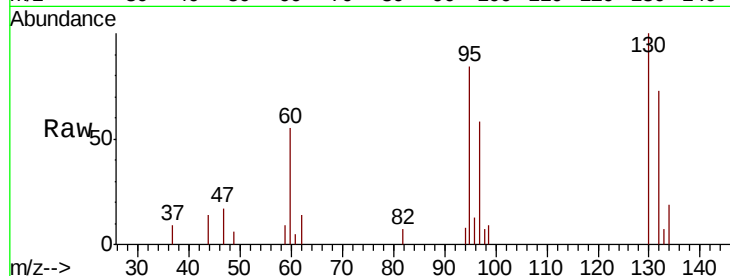
Ion Ratio Lower Upper

95 100

97 69.3 44.0 81.8

132 87.5 71.7 133.3

130 119.5 71.1 132.1

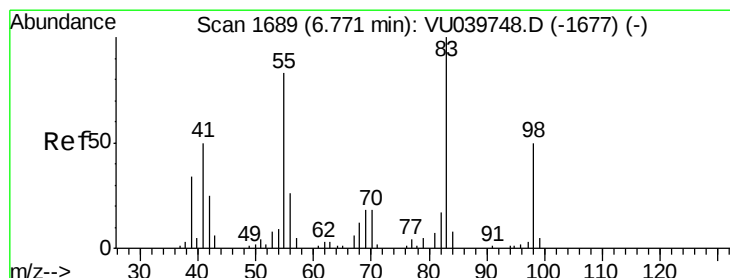
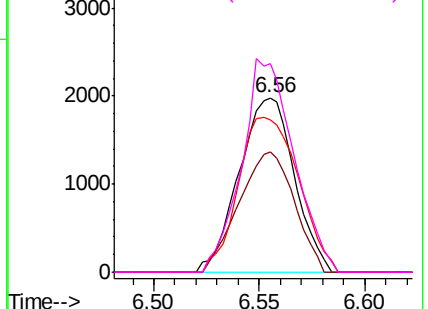


Abundance Ion 95.00 (94.70 to 95.70): VU039756.D (-1529) (-)

Ion 96.95 (96.65 to 97.65): VU039756.D (-1529) (-)

Ion 131.95 (131.65 to 132.65): VU039756.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU039756.D (-1529) (-)



#35

Methylcyclohexane

Concen: 0.893 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039756.D

Acq: 06 Aug 2020 14:50

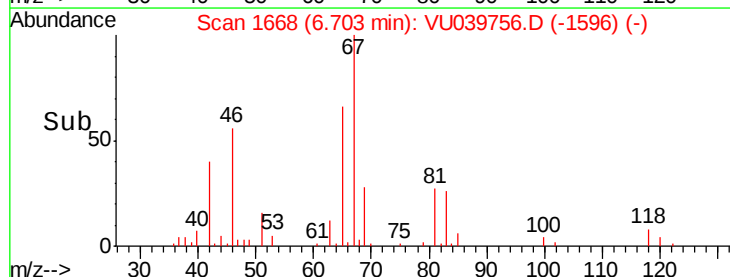
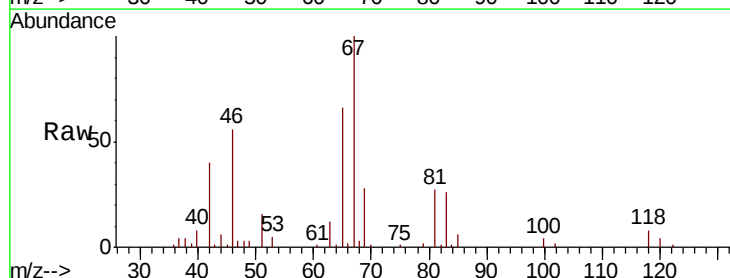
Tgt Ion: 83 Resp: 7558

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

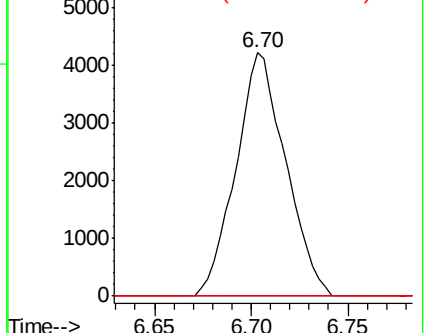
98 6.0 39.0 58.4#

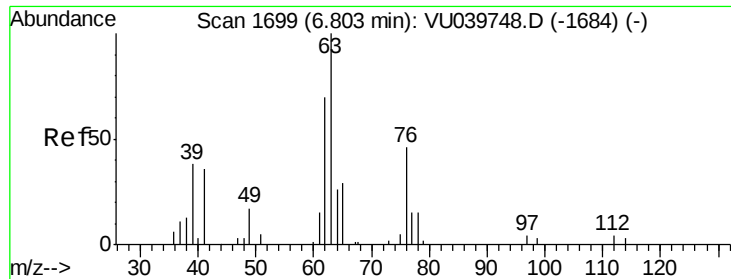


Abundance Ion 83.15 (82.85 to 83.85): VU039756.D (-1596) (-)

Ion 55.10 (54.80 to 55.80): VU039756.D (-1596) (-)

Ion 98.15 (97.85 to 98.85): VU039756.D (-1596) (-)

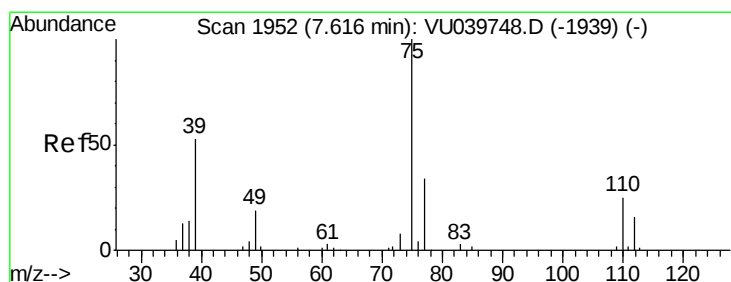
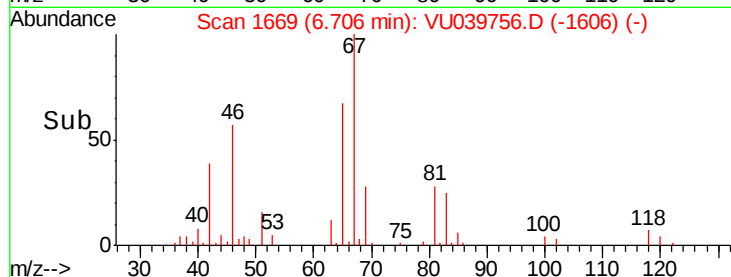
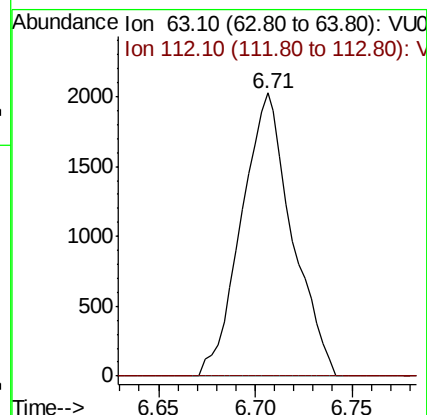
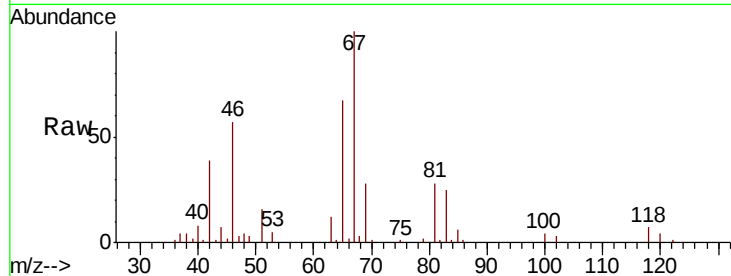




#37
 1,2-Dichloropropane
 Concen: 0.680 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039756.D
 Acq: 06 Aug 2020 14:50

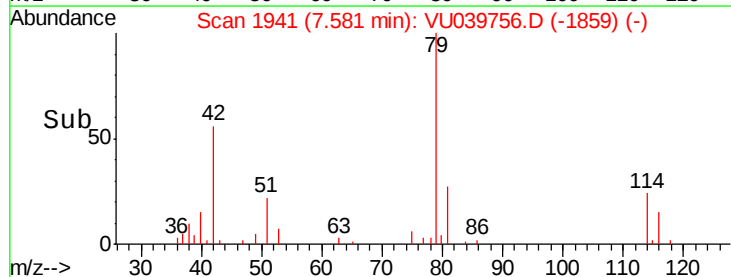
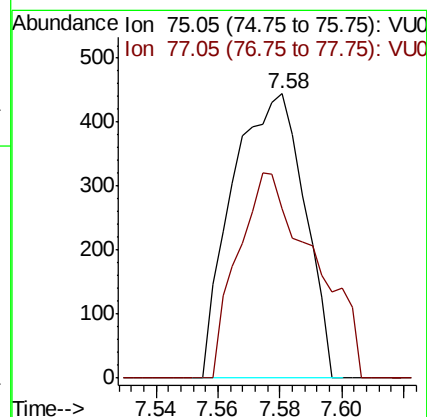
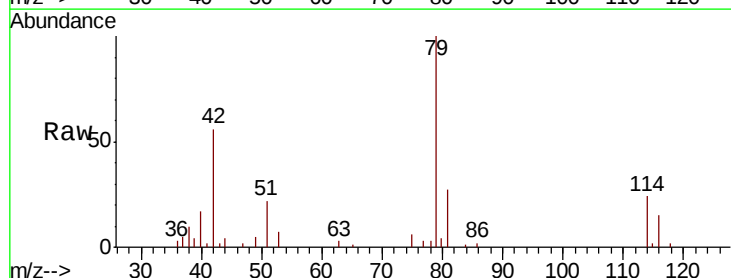
Instrument :
 MSVOA_U
 ClientSampleId :

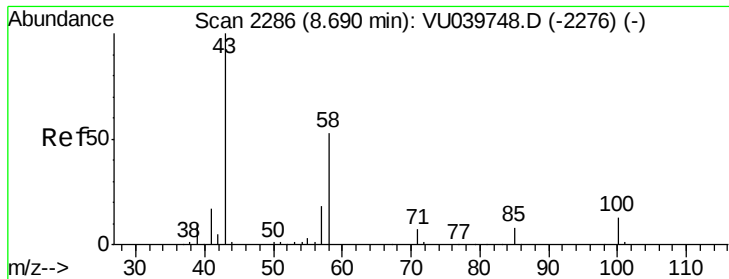
Tot Ion: 63 Resp: 3687
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039756.D
 Acq: 06 Aug 2020 14:50

Tgt Ion: 75 Resp: 717
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.4 41.6#

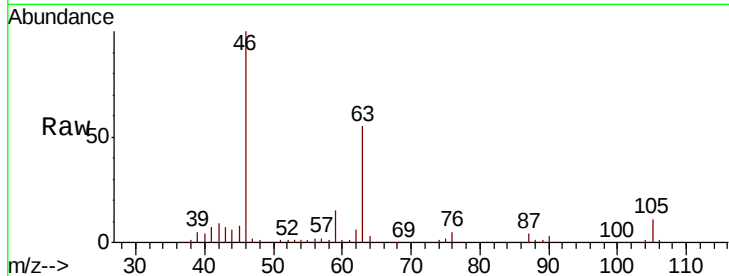




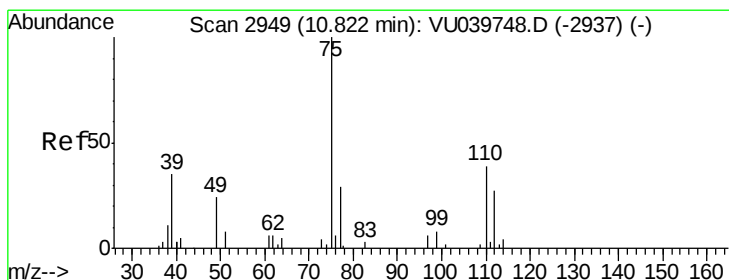
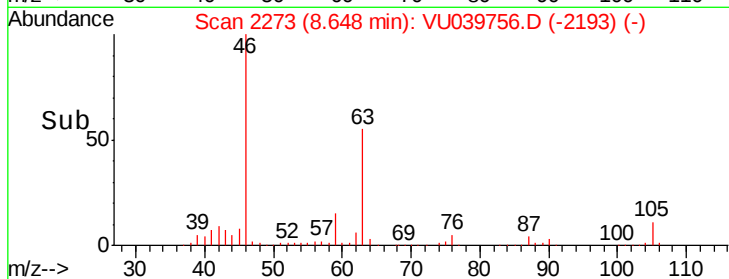
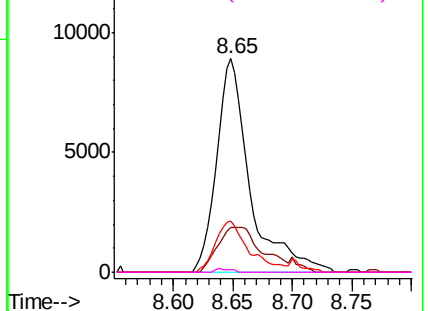
#48
 2-Hexanone
 Concen: 5.920 ug/L
 RT: 8.65 min Scan# 2273
 Delta R.T. -0.04 min
 Lab File: VU039756.D
 Acq: 06 Aug 2020 14:50

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 17326
 Ion Ratio Lower Upper
 43 100
 58 27.6 41.8 62.8#
 57 24.1 14.2 21.4#
 100 0.8 9.4 14.2#

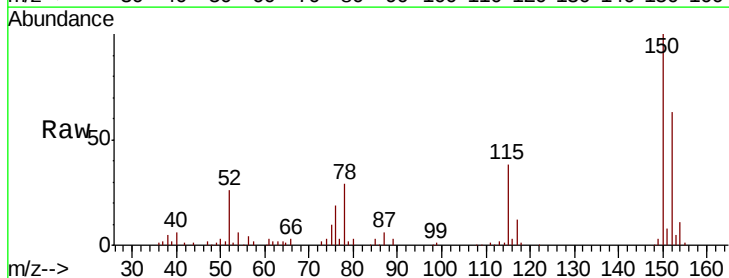


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.188 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039756.D
 Acq: 06 Aug 2020 14:50

Tgt Ion: 75 Resp: 4646
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

