

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039127.D
 Acq On : 25 Jun 2020 19:27
 Operator : SY/MD
 Sample : L3121-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F49

Quant Time: Jun 26 01:03:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	234428	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237996	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99799	5.00	ug/L	0.00

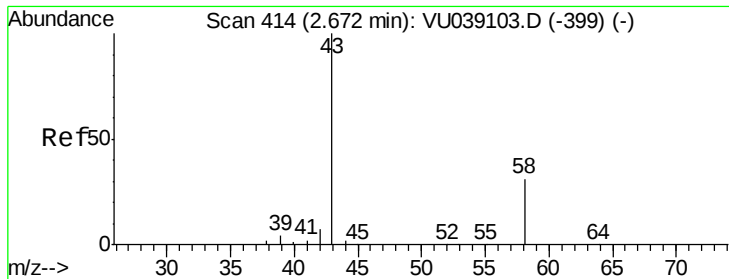
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79571	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	75686	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.59	63	117594	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.67	46	368537	59.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.96%
24) Chloroform-d	5.10	84	182062	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.74	65	112310	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.76	84	337388	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.72	67	115711	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.92	98	254101	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	45985	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.65	63	268865	54.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	100576	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	104232	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

					Ovalue
13) Acetone	2.67	43	22853	5.432 ug/L	92
21) 2-Butanone	4.75	43	9395	1.469 ug/L #	70
35) Methylcyclohexane	6.72	83	26913	1.003 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13311	0.657 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3180	0.113 ug/L #	51
48) 2-Hexanone	8.65	43	35635	3.215 ug/L #	69
59) 1,2,3-Trichloropropane	11.82	75	14073	0.921 ug/L	95

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



#13

Acetone

Concen: 5.432 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU039127.D

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Instrument :

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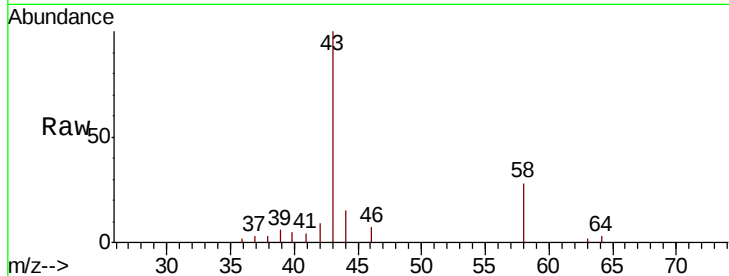
F9F49

Tot Ion: 43 Resp: 22853

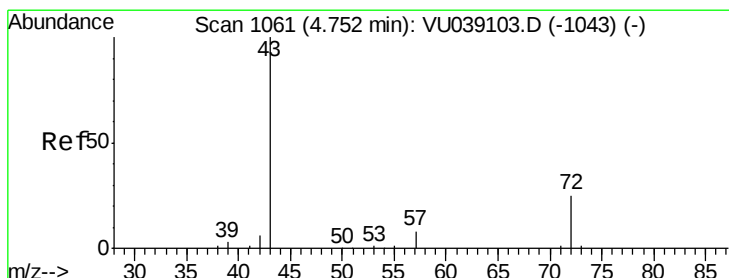
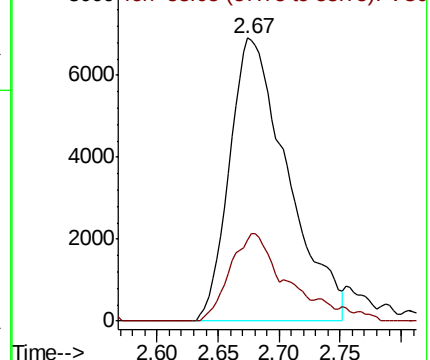
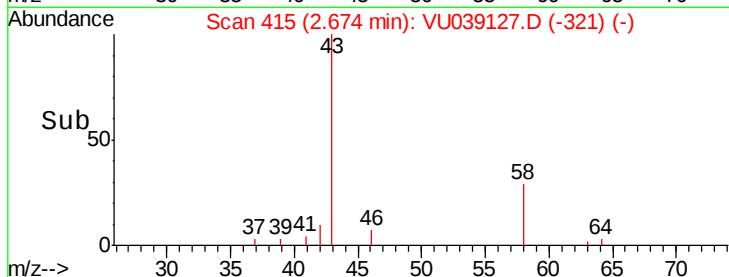
Ion Ratio Lower Upper

43 100

58 27.7 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039127.D (-321) (-)



#21

2-Butanone

Concen: 1.469 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VU039127.D

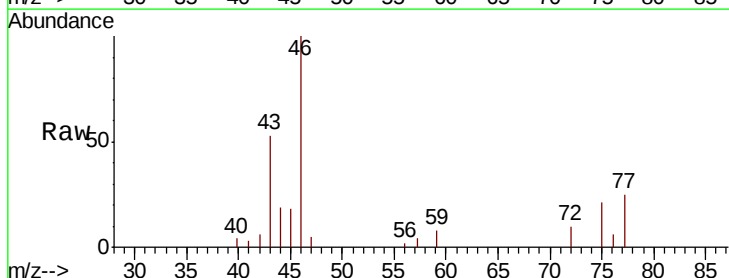
Acq: 25 Jun 2020 19:27

Tgt Ion: 43 Resp: 9395

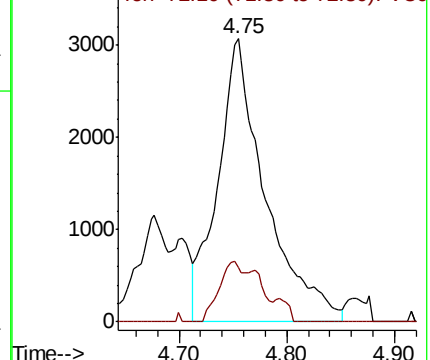
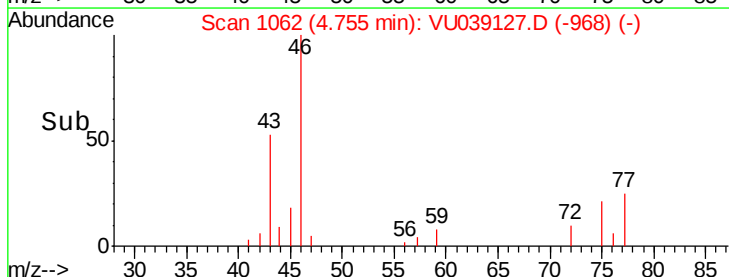
Ion Ratio Lower Upper

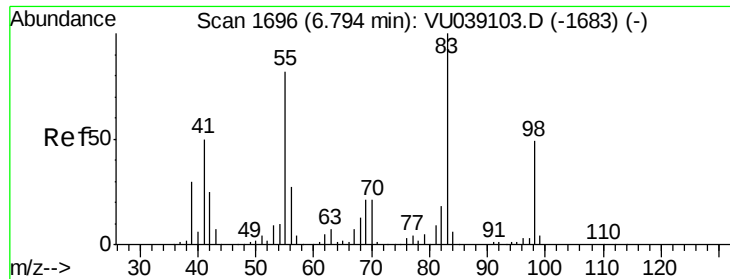
43 100

72 10.9 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU039127.D (-968) (-)

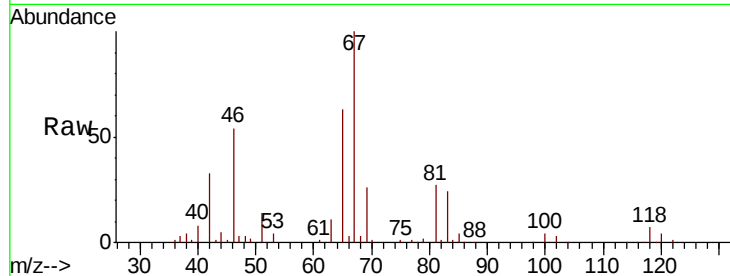




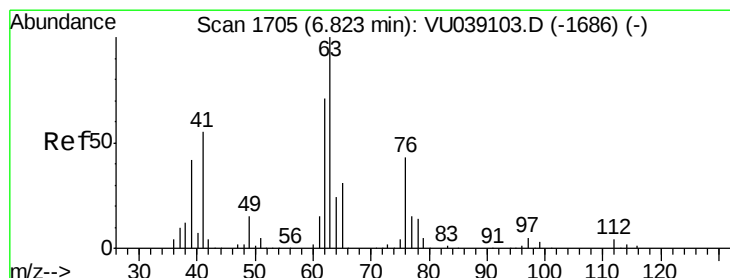
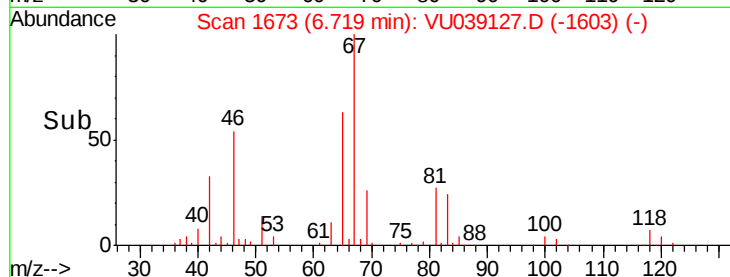
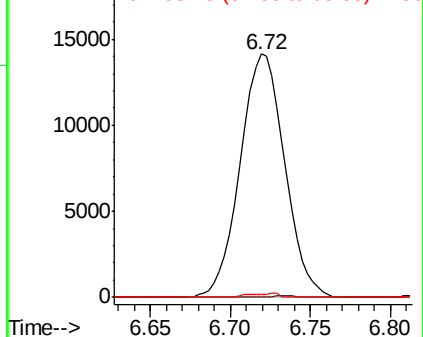
#35
Methvlcvclohexane
Concen: 1.003 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039127.D
Acq: 25 Jun 2020 19:27

Instrument :
MSVOA_U
ClientSampleId :
F9F49

Tot Ion: 83 Resp: 26913
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.0 36.5 54.7#

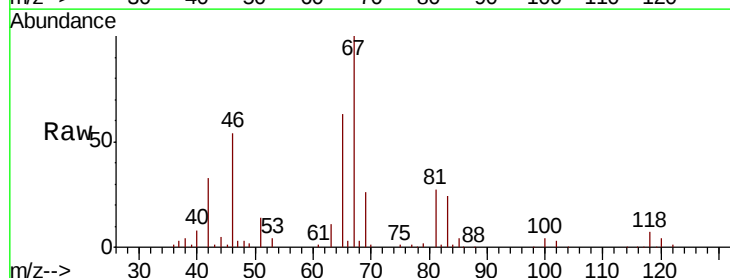


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

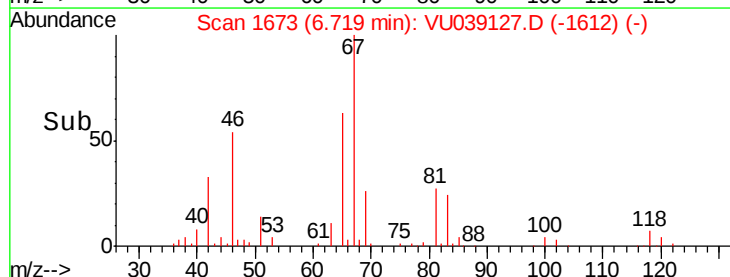
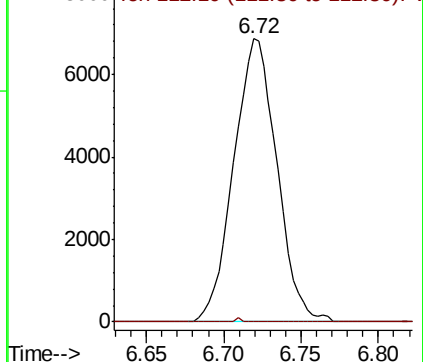


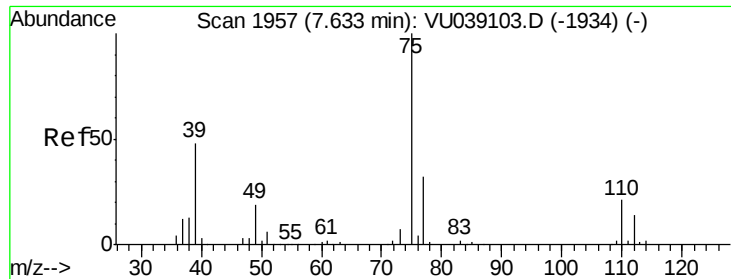
#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039127.D
Acq: 25 Jun 2020 19:27

Tgt Ion: 63 Resp: 13311
Ion Ratio Lower Upper
63 100
112 0.1 3.4 5.2#



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

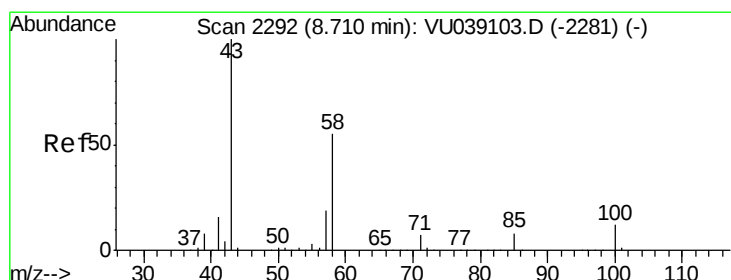
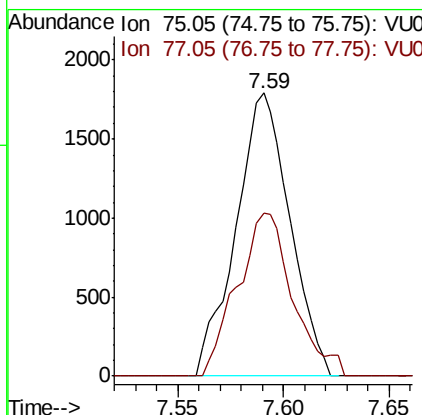
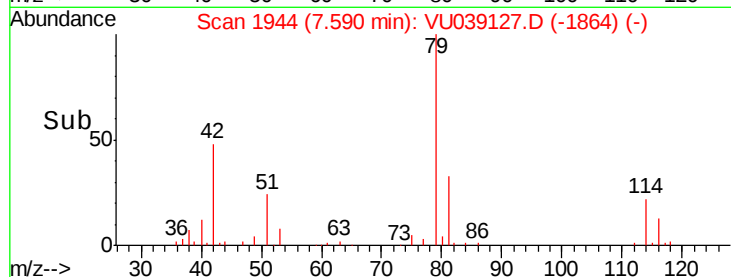
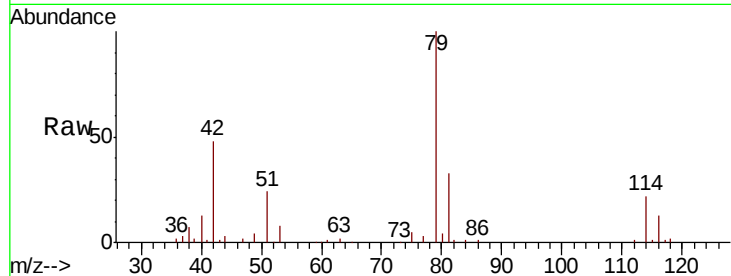




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039127.D
 Acq: 25 Jun 2020 19:27

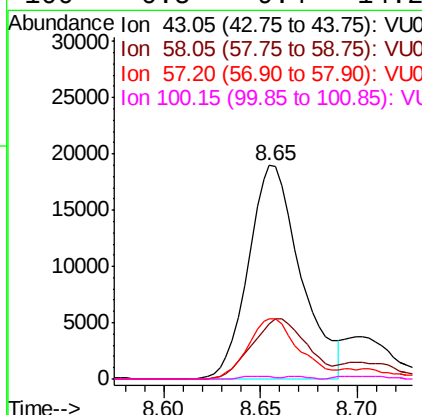
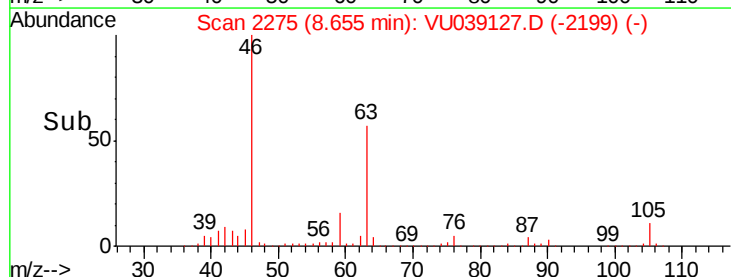
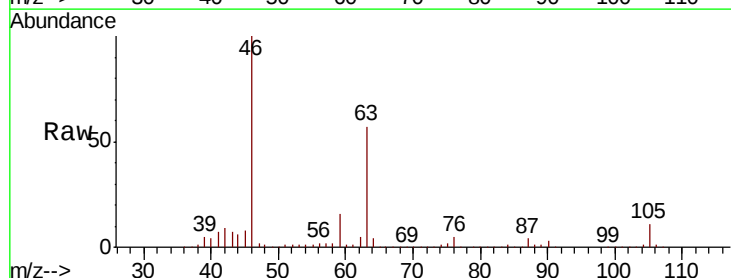
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F49

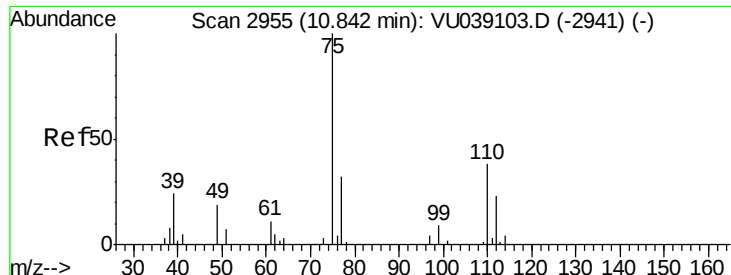
Tot Ion: 75 Resp: 3180
 Ion Ratio Lower Upper
 75 100
 77 57.8 21.6 40.0#



#48
 2-Hexanone
 Concen: 3.215 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.06 min
 Lab File: VU039127.D
 Acq: 25 Jun 2020 19:27

Tgt Ion: 43 Resp: 35635
 Ion Ratio Lower Upper
 43 100
 58 29.9 44.0 66.0#
 57 27.5 15.0 22.6#
 100 0.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.921 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039127.D

Acq: 25 Jun 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

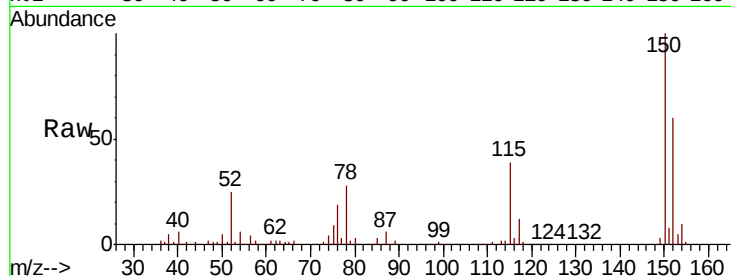
F9F49

Tot Ion: 75 Resp: 14073

Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

