

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040125.D
 Acq On : 14 Sep 2020 17:58
 Operator : SY/MD
 Sample : L4001-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYN9

Quant Time: Sep 15 02:15:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108658	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30841	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.92	69	25131	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	50845	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.66	46	108923	45.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	5.08	84	61284	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.72	65	38676	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.74	84	113808	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	38052	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.91	98	91023	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	15041	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.64	63	78352	42.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33484	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	36246	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

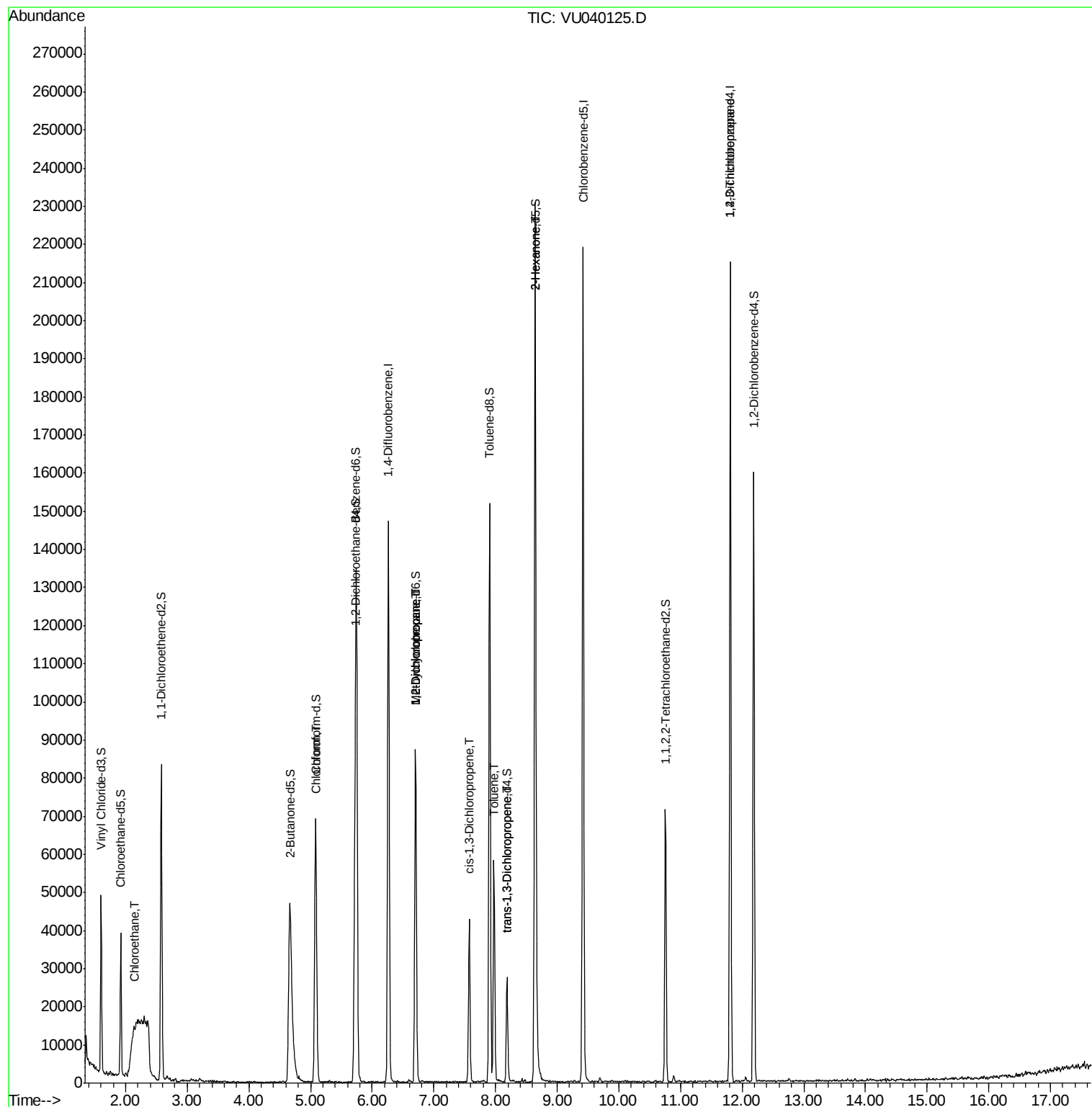
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.14	64	28561	4.541	ug/L #	49
25) Chloroform	5.10	83	1414	0.074	ug/L	93
35) Methylcyclohexane	6.70	83	8762	0.541	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4540	0.425	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1259	0.080	ug/L #	62
42) Toluene	7.97	91	39020	0.960	ug/L	98
44) trans-1,3-Dichloropropene	8.19	75	671	0.046	ug/L #	35
48) 2-Hexanone	8.64	43	12607	1.972	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	7585	0.958	ug/L	90

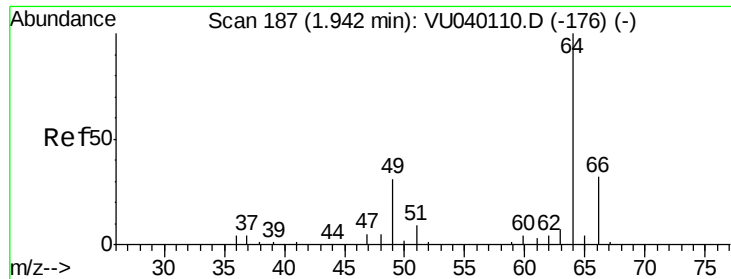
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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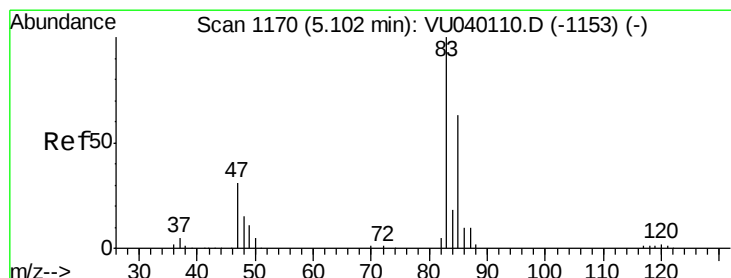
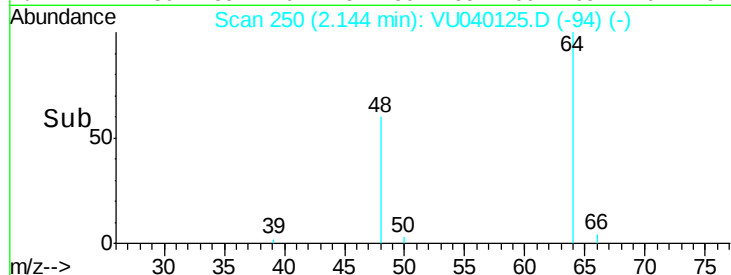
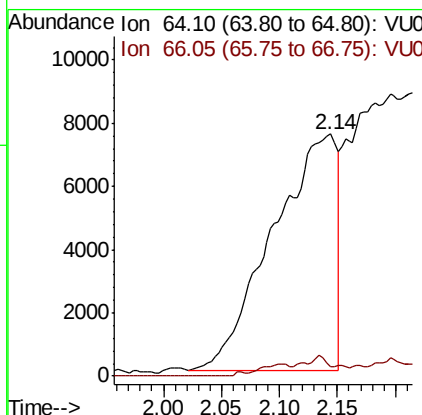
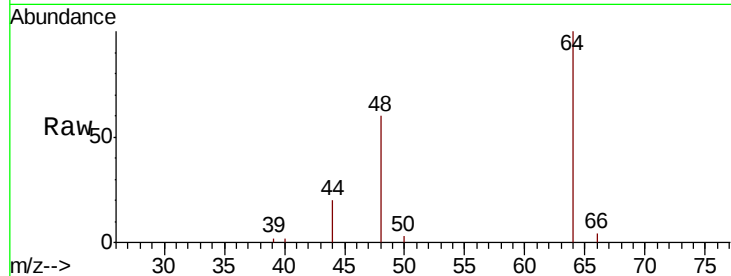




#8
 Chloroethane
 Concen: 4.541 ug/L
 RT: 2.14 min Scan# 250
 Delta R.T. 0.20 min
 Lab File: VU040125.D
 Acq: 14 Sep 2020 17:58

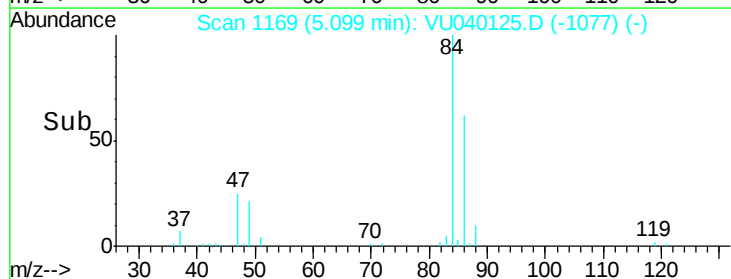
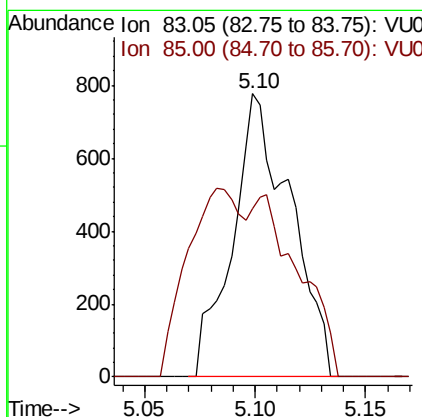
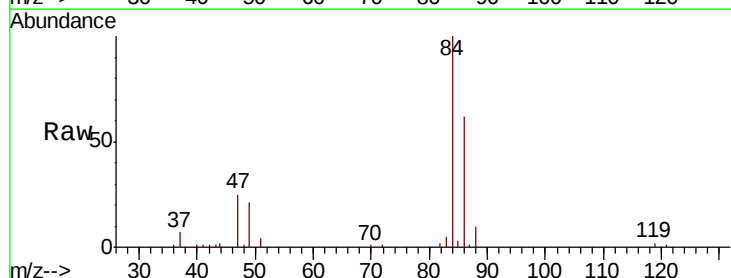
Instrument :
 MSVOA_U
 ClientSampleId :
 ETYN9

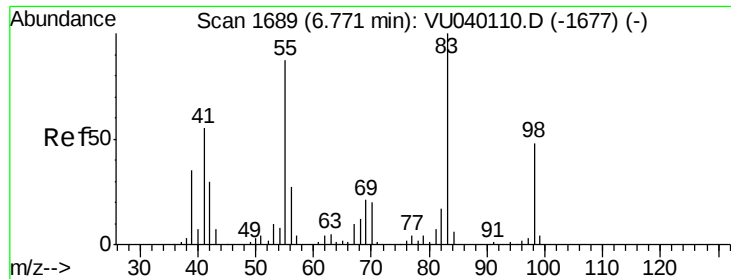
Tot Ion: 64 Resp: 28561
 Ion Ratio Lower Upper
 64 100
 66 3.9 22.7 42.1#



#25
 Chloroform
 Concen: 0.074 ug/L
 RT: 5.10 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: VU040125.D
 Acq: 14 Sep 2020 17:58

Tgt Ion: 83 Resp: 1414
 Ion Ratio Lower Upper
 83 100
 85 59.2 45.3 84.1

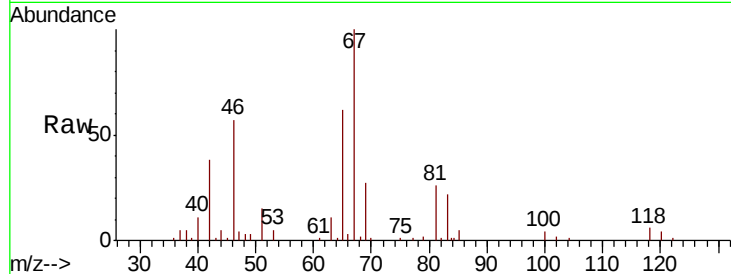




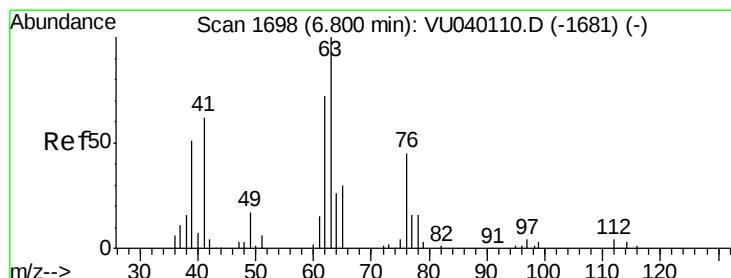
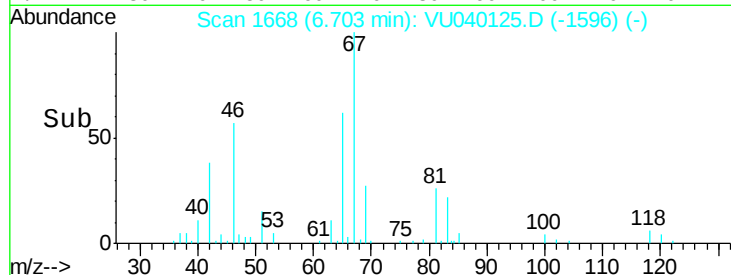
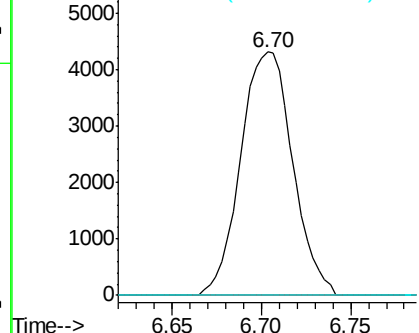
#35
Methvlcvclohexane
Concen: 0.541 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040125.D
Acq: 14 Sep 2020 17:58

Instrument :
MSVOA_U
ClientSampleId :
ETYN9

Tot Ion: 83 Resp: 8762
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#

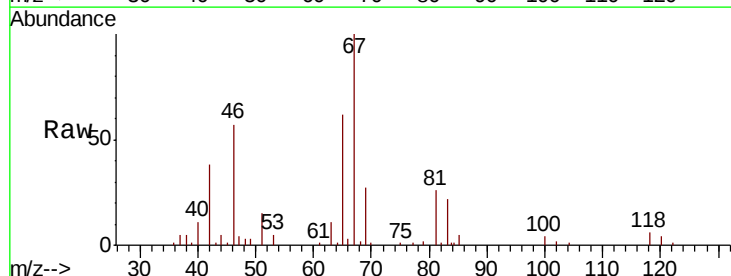


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

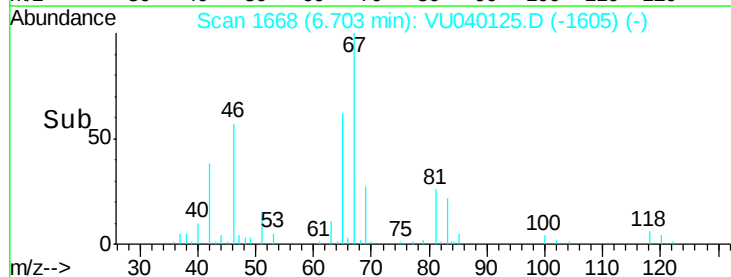
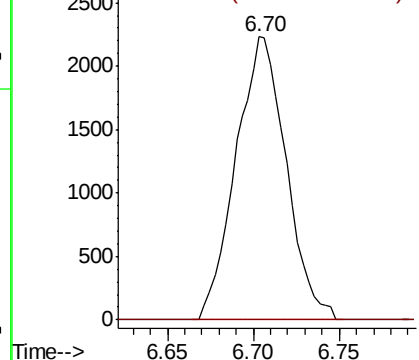


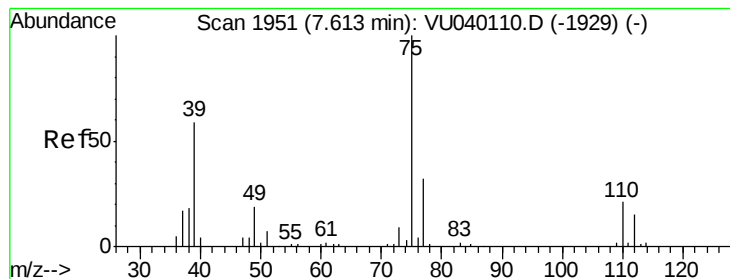
#37
1,2-Dichloropropane
Concen: 0.425 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040125.D
Acq: 14 Sep 2020 17:58

Tgt Ion: 63 Resp: 4540
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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



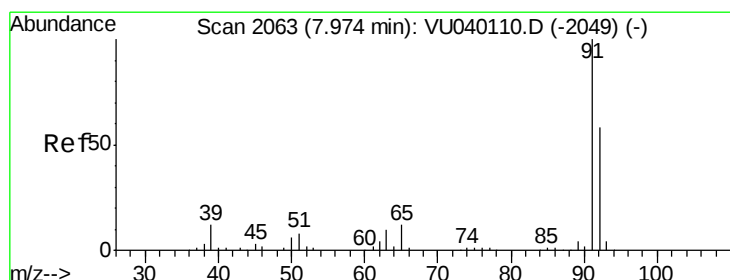
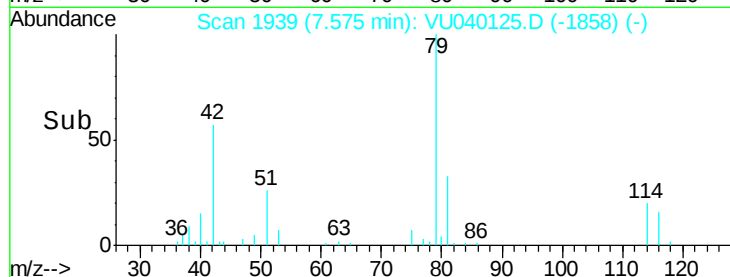
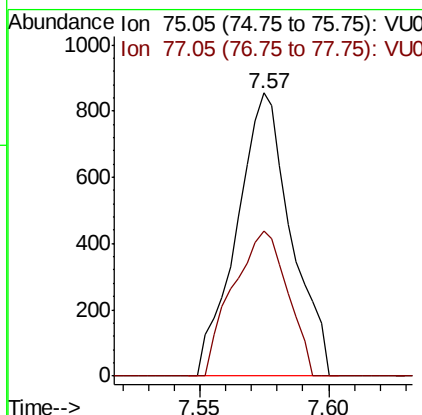
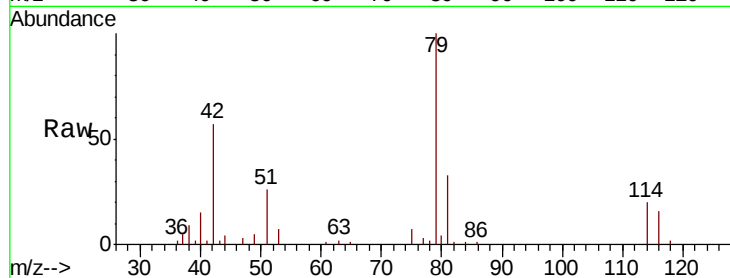


#39

cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040125.D
 Acq: 14 Sep 2020 17:58

Instrument :
 MSVOA_U
 ClientSampleID :
 ETYN9

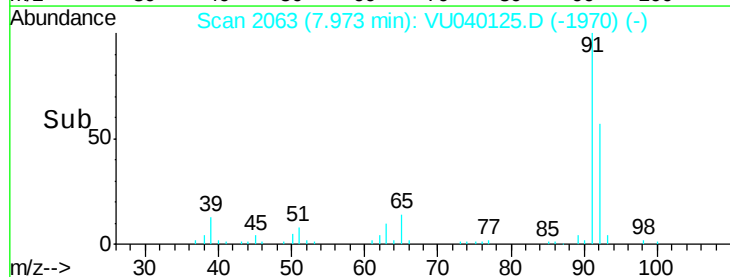
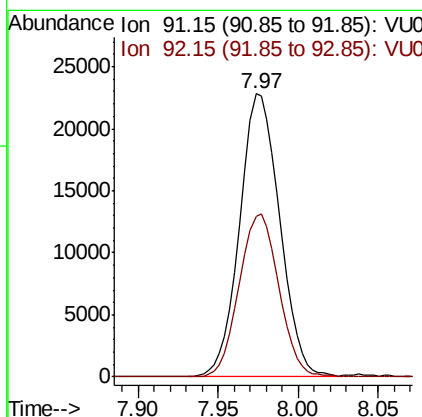
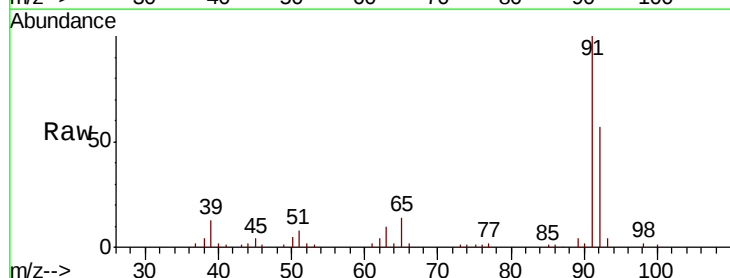
Tot Ion: 75 Resp: 1259
 Ion Ratio Lower Upper
 75 100
 77 51.1 21.1 39.3#

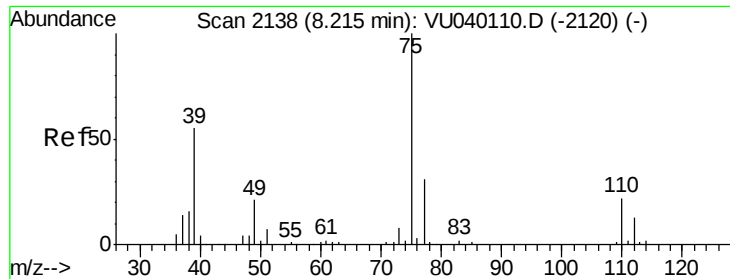


#42

Toluene
 Concen: 0.960 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VU040125.D
 Acq: 14 Sep 2020 17:58

Tgt Ion: 91 Resp: 39020
 Ion Ratio Lower Upper
 91 100
 92 56.9 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.046 ug/L

RT: 8.19 min Scan# 2131

Delta R.T. -0.02 min

Lab File: VU040125.D

Acq: 14 Sep 2020 17:58

Instrument :

MSVOA_U

ClientSampled :

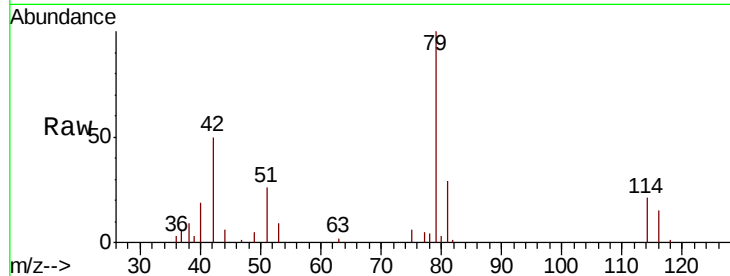
ETYN9

Tot Ion: 75 Resp: 671

Ion Ratio Lower Upper

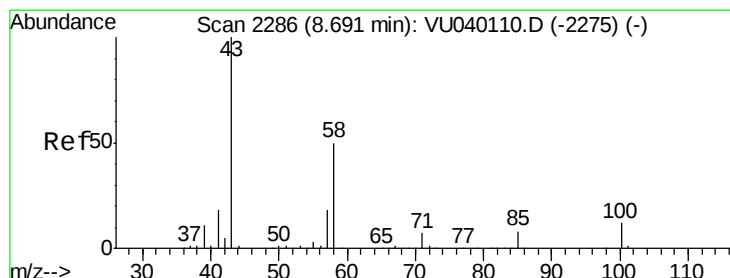
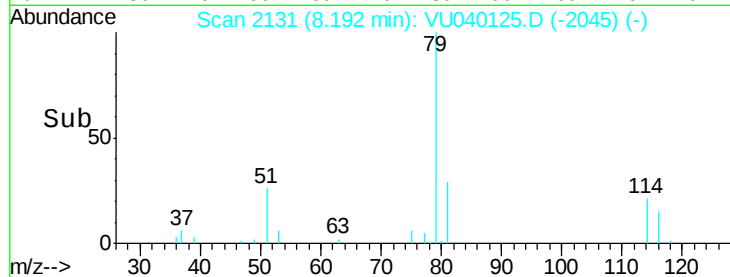
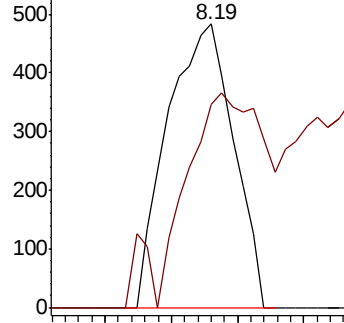
75 100

77 71.6 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.972 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040125.D

Acq: 14 Sep 2020 17:58

Tgt Ion: 43 Resp: 12607

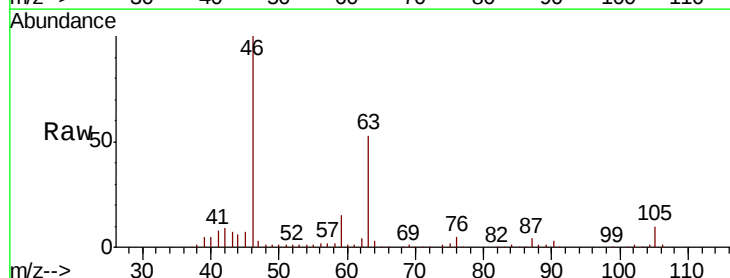
Ion Ratio Lower Upper

43 100

58 24.0 39.6 59.4#

57 25.9 14.3 21.5#

100 0.0 8.0 12.0#

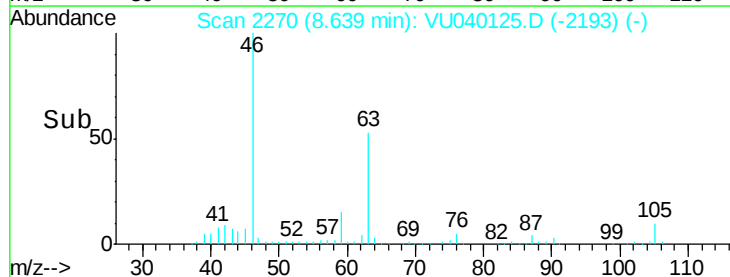
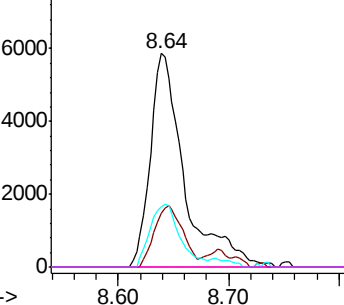


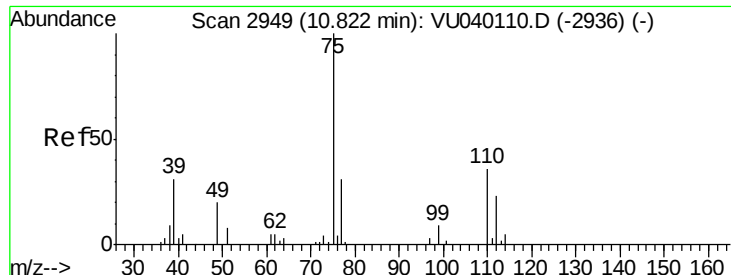
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.958 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040125.D

Acq: 14 Sep 2020 17:58

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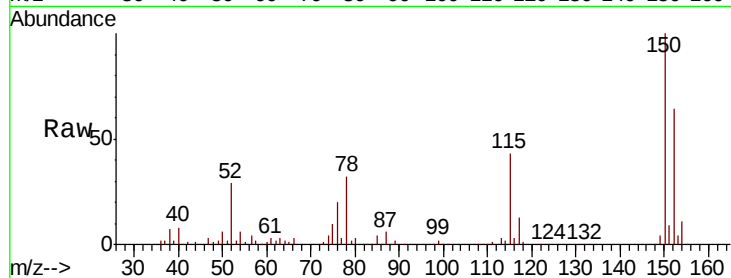
ETYN9

Tot Ion: 75 Resp: 7585

Ion Ratio Lower Upper

75 100

77 36.7 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

