

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038969.D
 Acq On : 18 Jun 2020 14:55
 Operator : SY/MD
 Sample : L3058-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L30

Quant Time: Jun 19 01:19:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.31	114	269319	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.44	117	271914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.63	65	81889	4.38	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.95	69	92786	5.90	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.60	63	179552	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.79	46	249808	41.75	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.50%
24) Chloroform-d	5.14	84	187892	5.06	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.78	65	108235	5.05	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.80	84	351167	4.94	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.75	67	112842	5.13	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	280029	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.21	79	43908	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.67	63	270289	50.96	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103554	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	122511	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

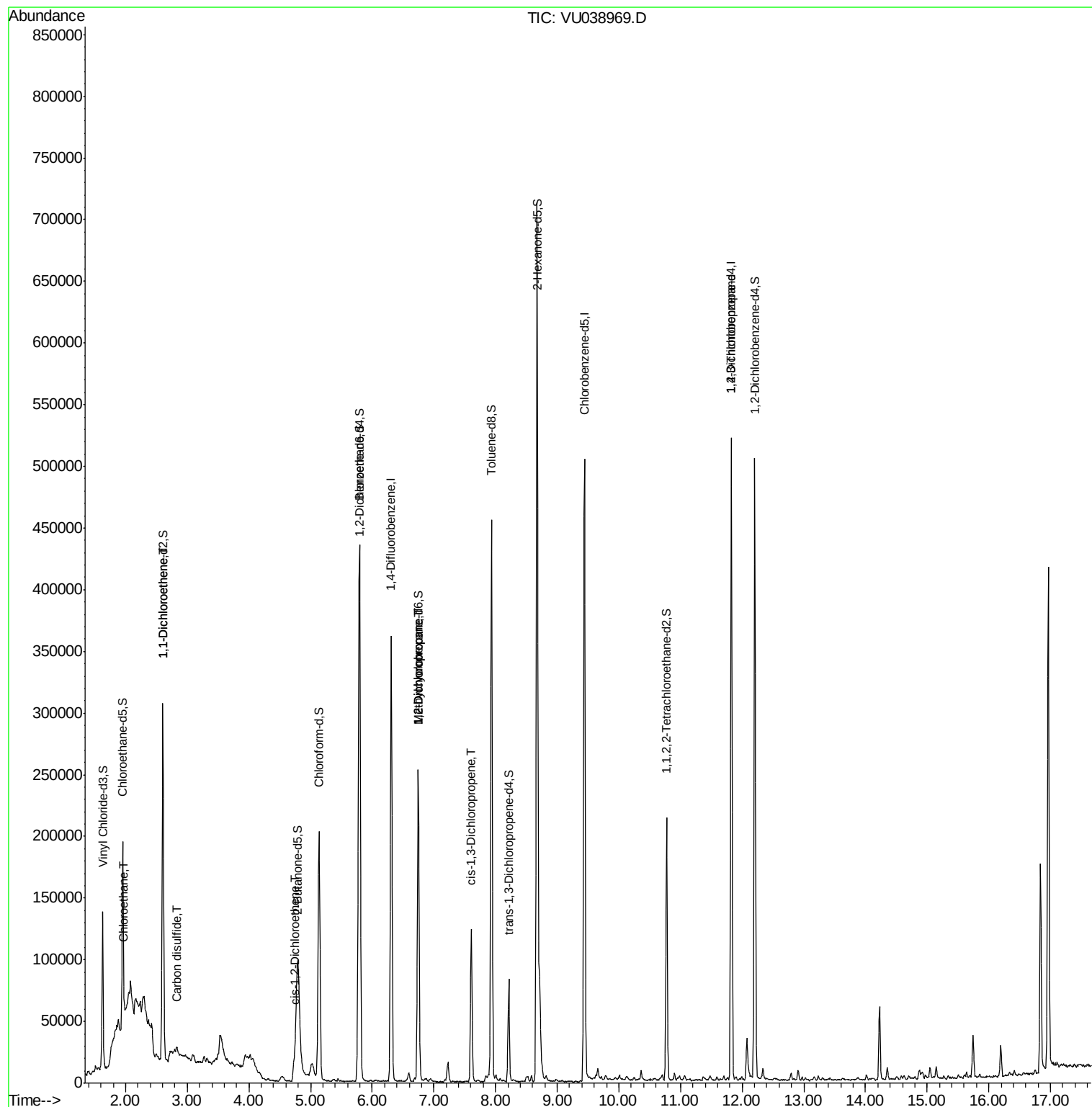
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.98	64	16564	1.032	ug/L #	54
12) 1,1-Dichloroethene	2.61	96	1594	0.084	ug/L #	1
14) Carbon disulfide	2.83	76	5208	0.081	ug/L #	77
22) cis-1,2-Dichloroethene	4.74	96	5827	0.285	ug/L	90
35) Methylcyclohexane	6.75	83	27338	0.837	ug/L #	19
37) 1,2-Dichloropropane	6.75	63	12423	0.586	ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	2975	0.095	ug/L #	51
59) 1,2,3-Trichloropropane	11.83	75	16798	1.027	ug/L #	86

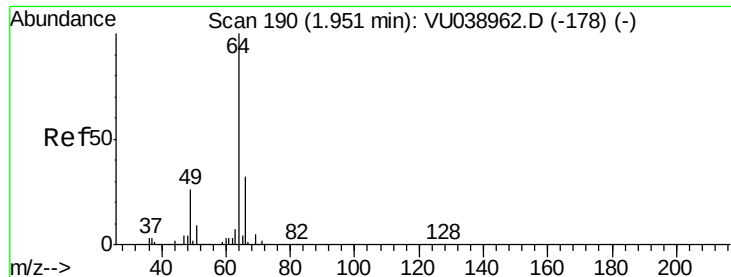
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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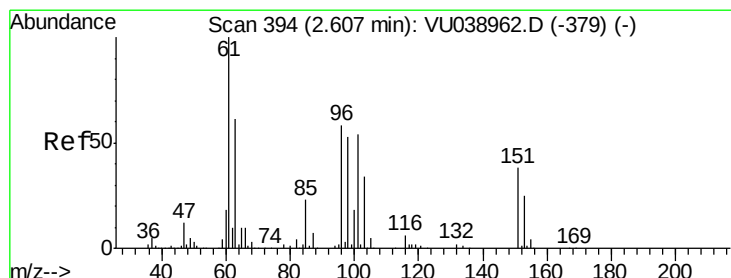
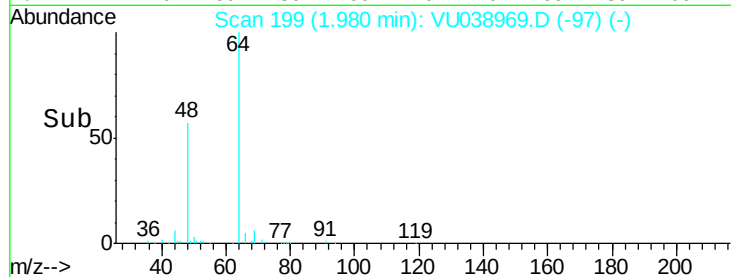
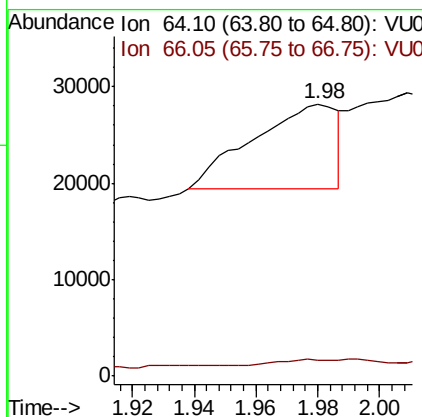
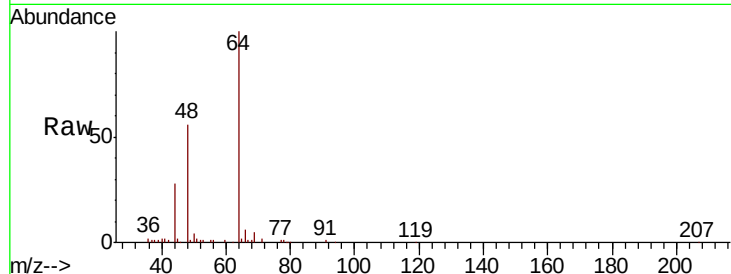




#8
Chloroethane
Concen: 1.032 ug/L
RT: 1.98 min Scan# 199
Delta R.T. 0.03 min
Lab File: VU038969.D
Acq: 18 Jun 2020 14:55

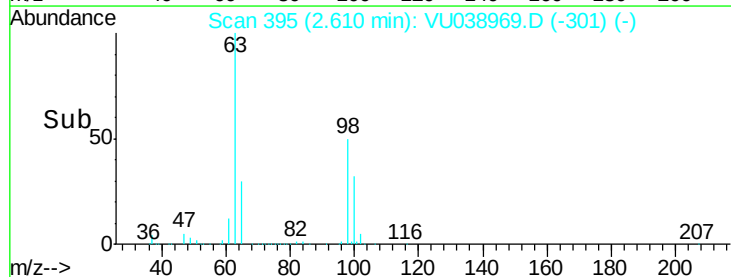
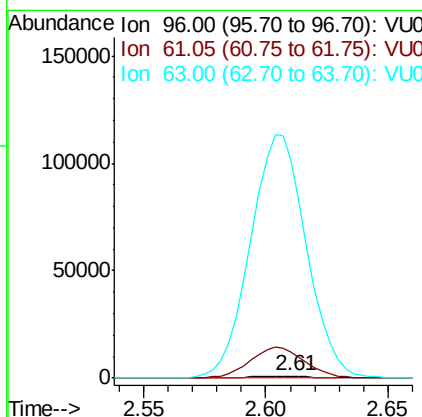
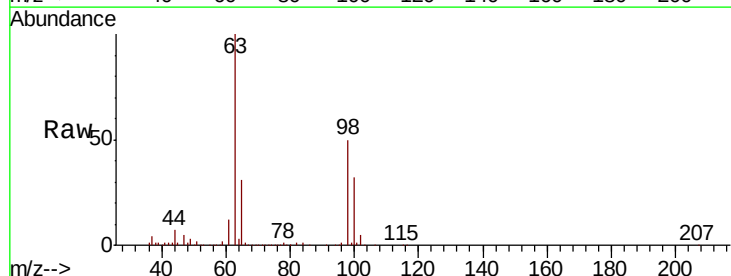
Instrument :
MSVOA_U
ClientSampleId :
F9L30

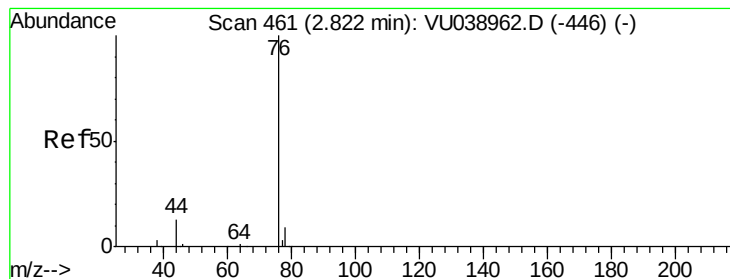
Tot Ion: 64 Resp: 16564
Ion Ratio Lower Upper
64 100
66 5.9 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU038969.D
Acq: 18 Jun 2020 14:55

Tgt Ion: 96 Resp: 1594
Ion Ratio Lower Upper
96 100
61 1386.9 120.3 223.5#
63 11369.1 78.7 146.1#





#14

Carbon disulfide

Concen: 0.081 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU038969.D

Acq: 18 Jun 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

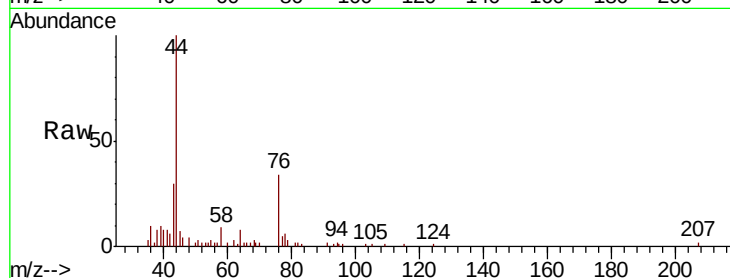
F9L30

Tot Ion: 76 Resp: 5208

Ion Ratio Lower Upper

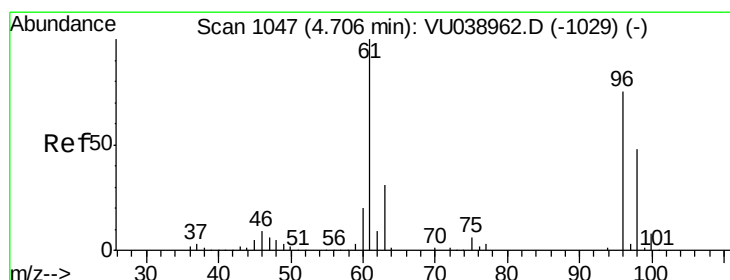
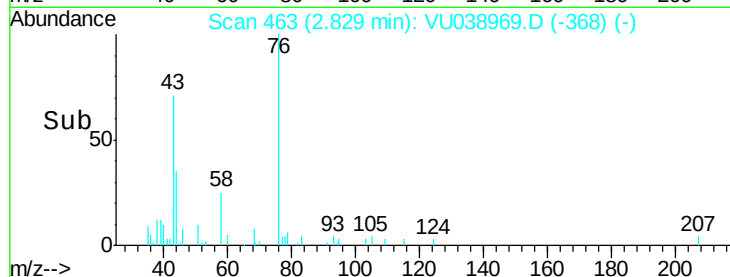
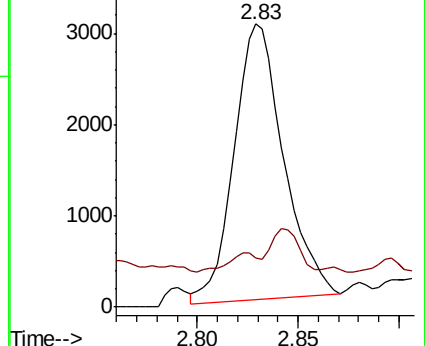
76 100

78 17.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038962.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038962.D (-446) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.285 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.03 min

Lab File: VU038969.D

Acq: 18 Jun 2020 14:55

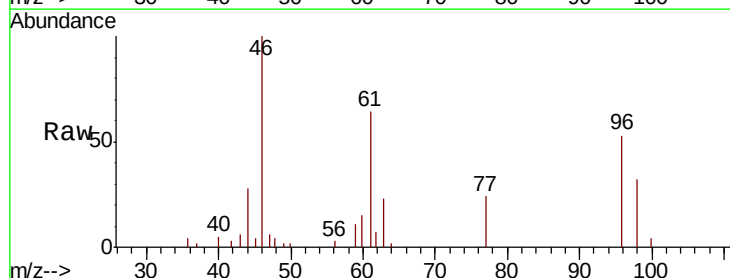
Tgt Ion: 96 Resp: 5827

Ion Ratio Lower Upper

96 100

61 121.8 93.7 173.9

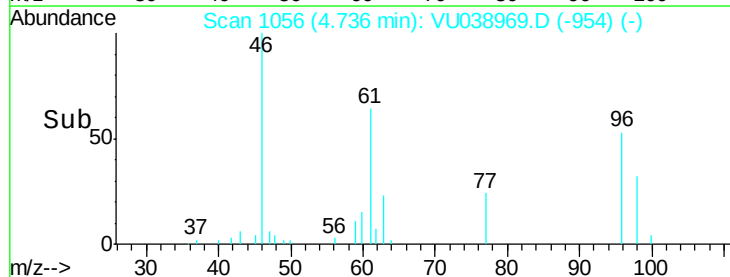
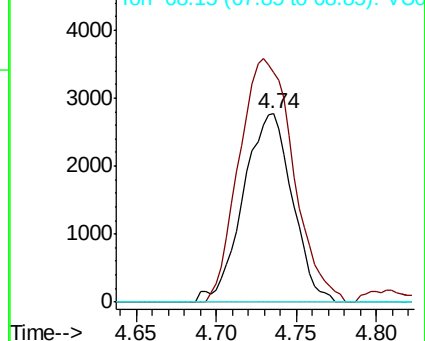
68 0.0 0.0 0.0

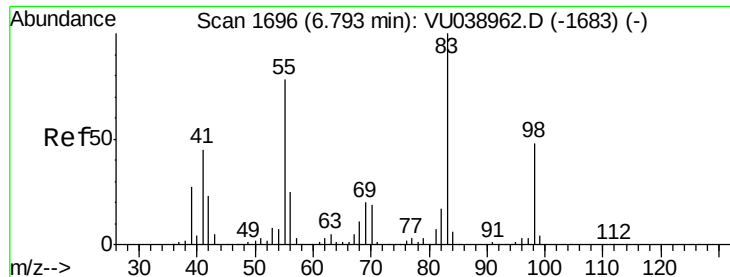


Abundance Ion 96.00 (95.70 to 96.70): VU038962.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038962.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038962.D (-1029) (-)

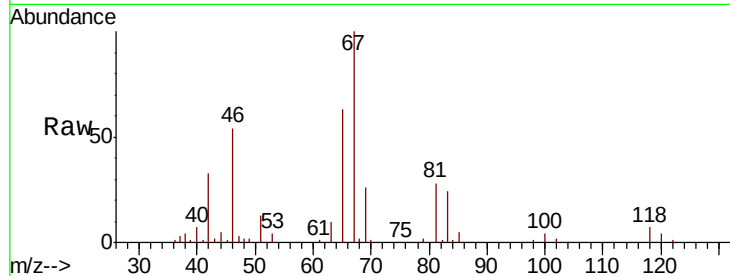




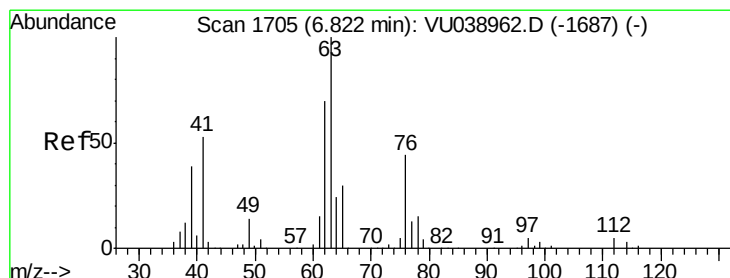
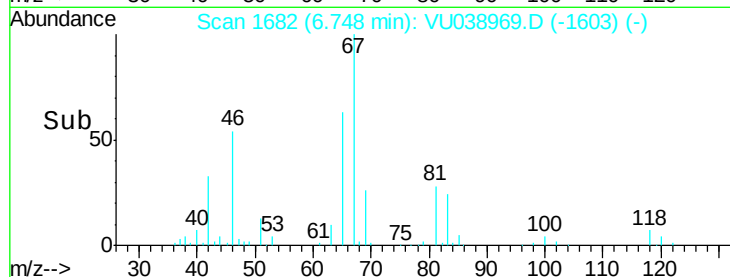
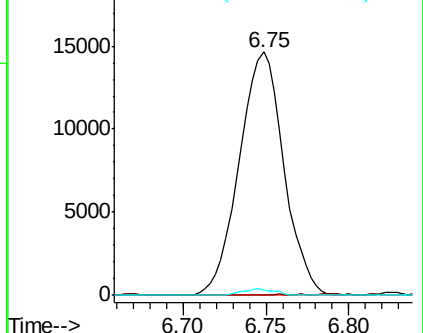
#35
Methylvlcyclohexane
Concen: 0.837 ug/L
RT: 6.75 min Scan# 1682
Delta R.T. -0.04 min
Lab File: VU038969.D
Acq: 18 Jun 2020 14:55

Instrument :
MSVOA_U
ClientSampleId :
F9L30

Tot Ion	83	Resp	27338
Ion Ratio	Lower	Upper	
83	100		
55	0.1	61.8	92.8#
98	1.9	39.3	58.9#

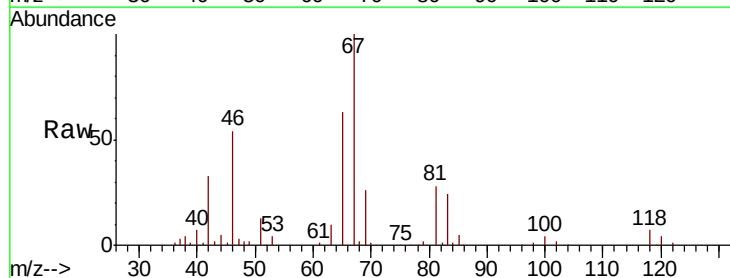


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

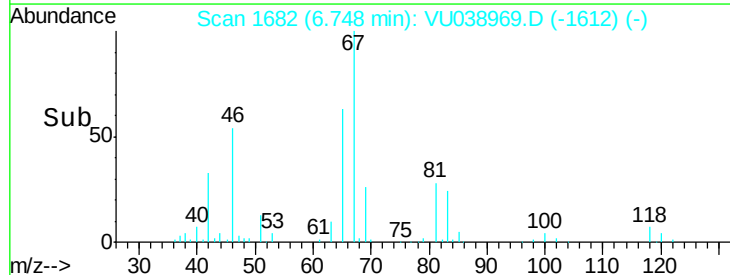
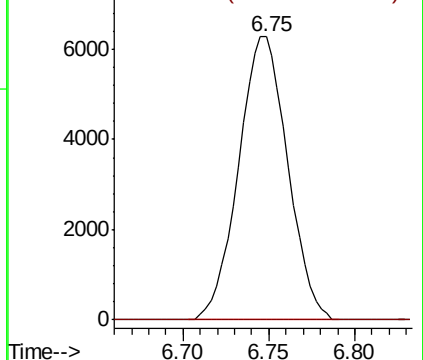


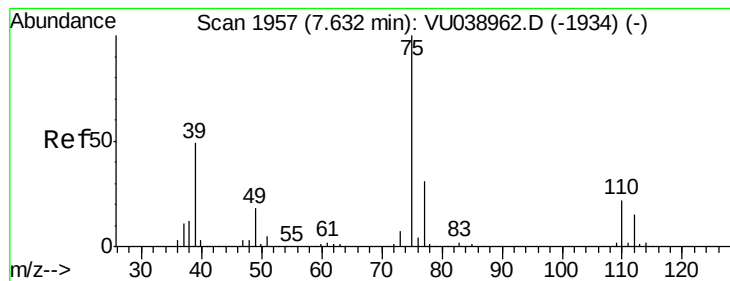
#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.75 min Scan# 1682
Delta R.T. -0.07 min
Lab File: VU038969.D
Acq: 18 Jun 2020 14:55

Tgt Ion	63	Resp	12423
Ion Ratio	Lower	Upper	
63	100		
112	1.0	3.9	5.9#



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



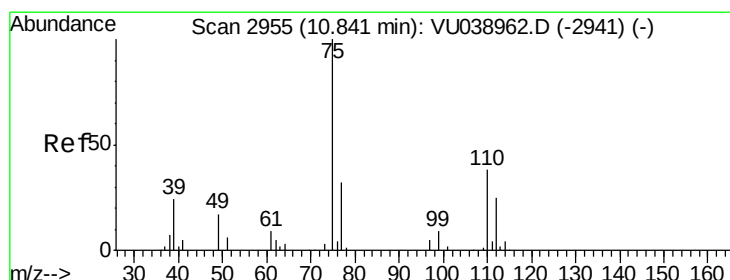
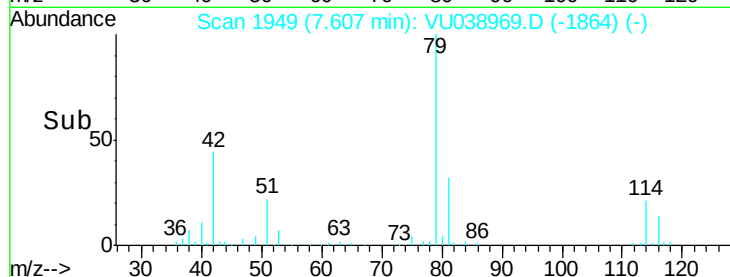
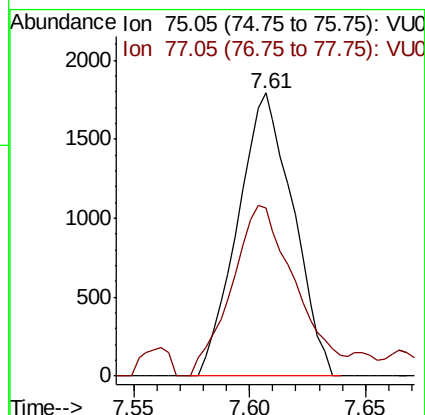
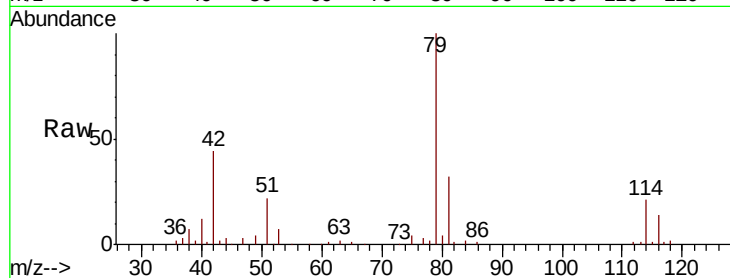


#39

cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.03 min
 Lab File: VU038969.D
 Acq: 18 Jun 2020 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L30

Tot Ion: 75 Resp: 2975
 Ion Ratio Lower Upper
 75 100
 77 59.4 22.4 41.6#



#59

1,2,3-Trichloropropane
 Concen: 1.027 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038969.D
 Acq: 18 Jun 2020 14:55

Tgt Ion: 75 Resp: 16798
 Ion Ratio Lower Upper
 75 100
 77 39.7 25.4 38.0#

