

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039665.D
 Acq On : 24 Jul 2020 15:49
 Operator : SY/MD
 Sample : L3388-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:50:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	314919	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	300503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	137628	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	55181	26.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.82%#
7) Chloroethane-d5	1.92	69	59040	24.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.06%#
11) 1,1-Dichloroethene-d2	2.58	63	89094	20.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.06%#
21) 2-Butanone-d5	4.65	46	147110	62.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.15%
24) Chloroform-d	5.08	84	136179	29.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.08%#
26) 1,2-Dichloroethane-d4	5.72	65	99321	30.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.28%#
32) Benzene-d6	5.74	84	255915	30.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.34%#
36) 1,2-Dichloropropane-d6	6.71	67	85615	31.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	62.58%#
41) Toluene-d8	7.91	98	227513	28.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.96%#
43) trans-1,3-Dichloropropene-	8.19	79	39611	28.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.36%#
47) 2-Hexanone-d5	8.64	63	91992	61.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	61.63%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	129038	29.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.56%#
64) 1,2-Dichlorobenzene-d4	12.19	152	89248	29.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.30%#

Target Compounds

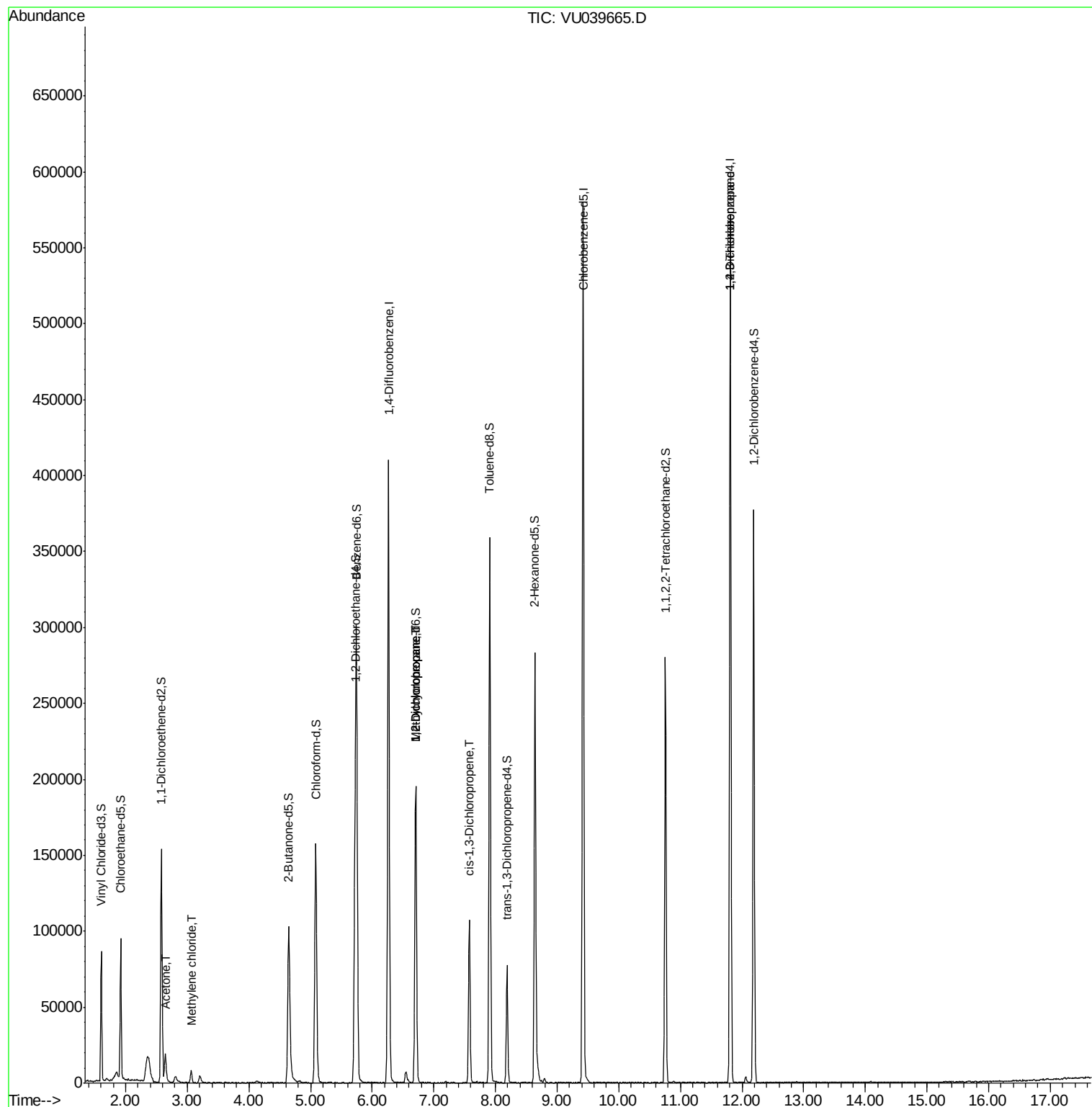
					Ovalue
13) Acetone	2.65	43	22546	14.314	ug/L 99
16) Methylene chloride	3.06	84	3473	1.614	ug/L 96
35) Methylcyclohexane	6.70	83	20559	6.070	ug/L # 18
37) 1,2-Dichloropropane	6.71	63	10472	4.670	ug/L # 89
39) cis-1,3-Dichloropropene	7.58	75	2958	0.883	ug/L 86
59) 1,2,3-Trichloropropane	11.81	75	19799	6.085	ug/L # 86

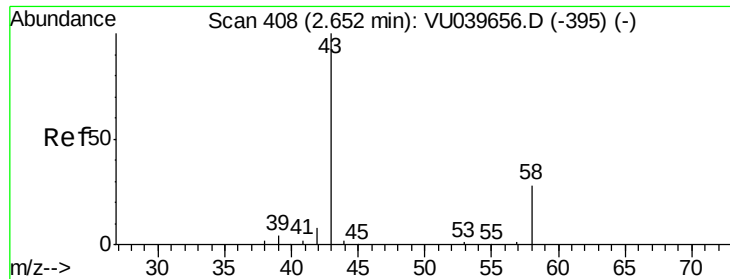
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.314 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.01 min

Lab File: VU039665.D

Acq: 24 Jul 2020 15:49

Instrument :

MSVOA_U

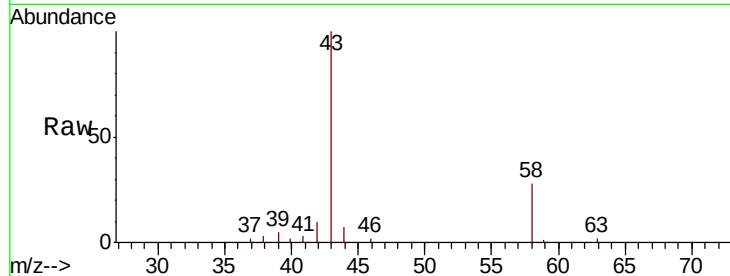
ClientSampleId :

Tot Ion: 43 Resp: 22546

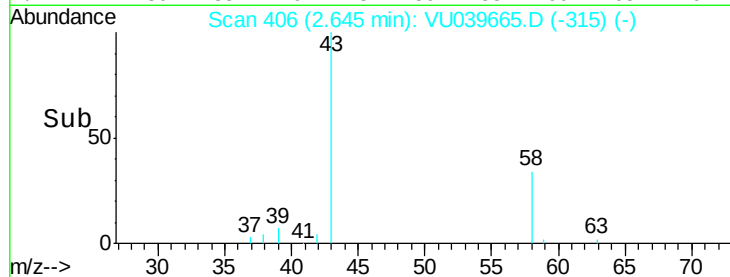
Ion Ratio Lower Upper

43 100

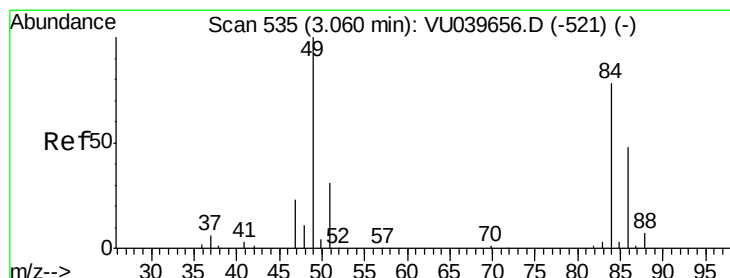
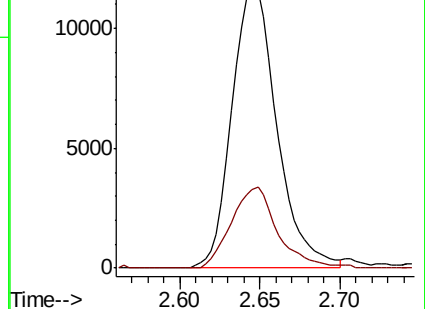
58 29.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU039665.D (-315) (-)



Ion 58.00 (57.70 to 58.70): VU039665.D (-315) (-)



#16

Methylene chloride

Concen: 1.614 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039665.D

Acq: 24 Jul 2020 15:49

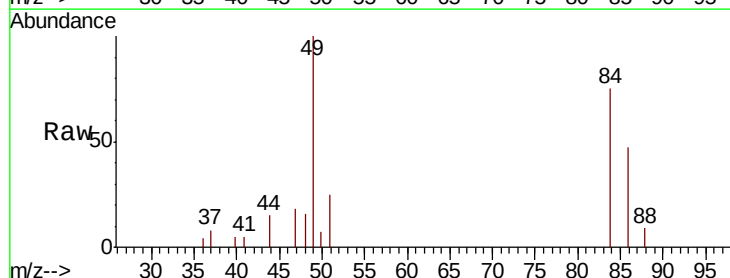
Tgt Ion: 84 Resp: 3473

Ion Ratio Lower Upper

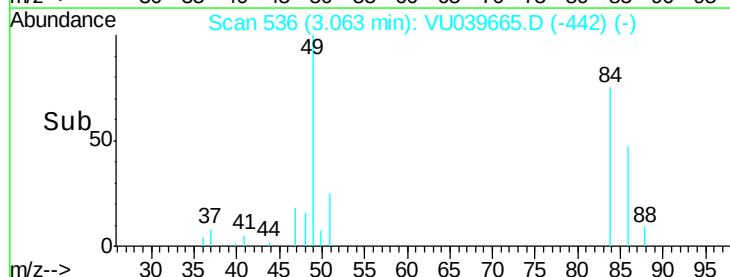
84 100

86 62.9 46.2 85.8

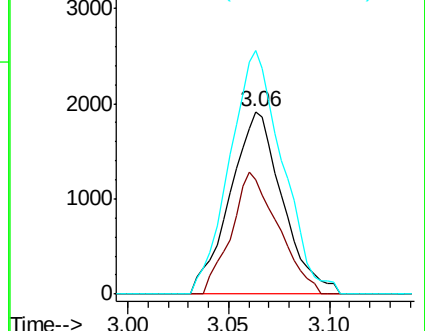
49 133.5 97.3 180.7

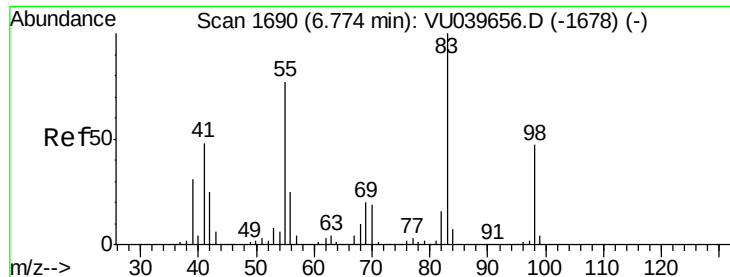


Abundance Ion 84.00 (83.70 to 84.70): VU039665.D (-442) (-)



Ion 86.00 (85.70 to 86.70): VU039665.D (-442) (-)

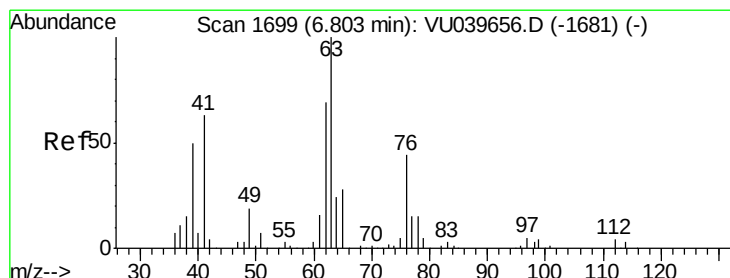
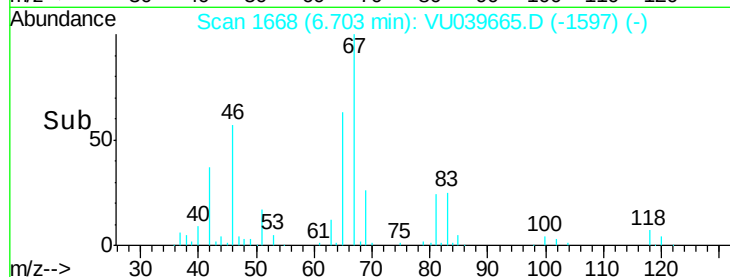
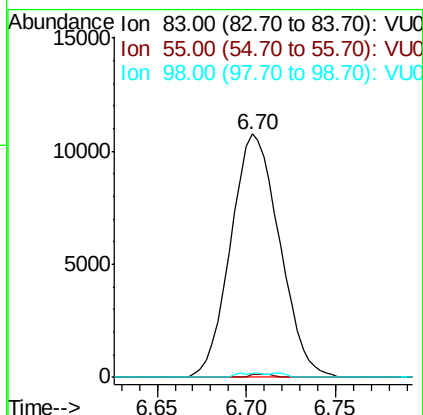
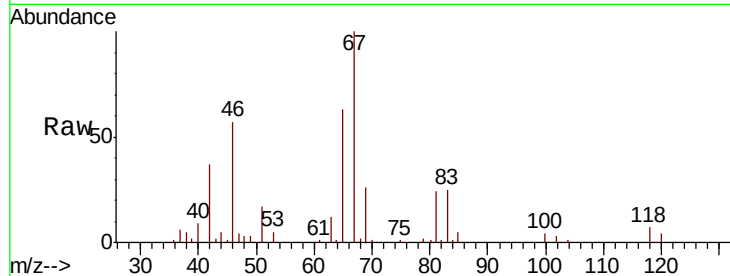




#35
Methylvlcyclohexane
Concen: 6.070 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039665.D
Acq: 24 Jul 2020 15:49

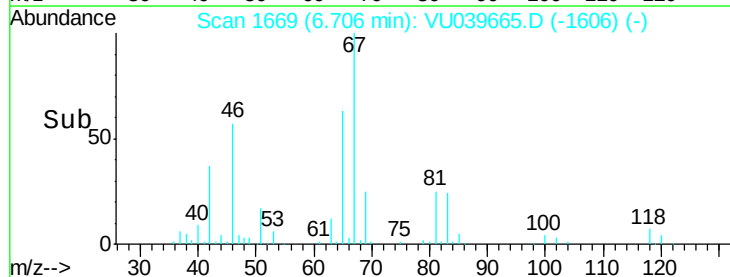
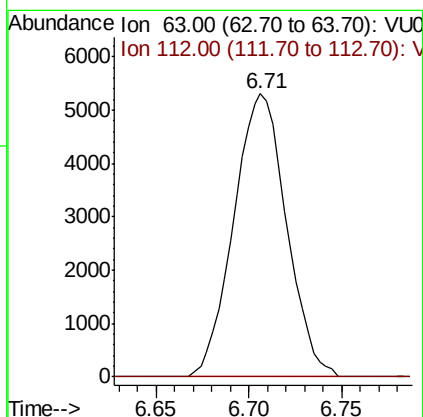
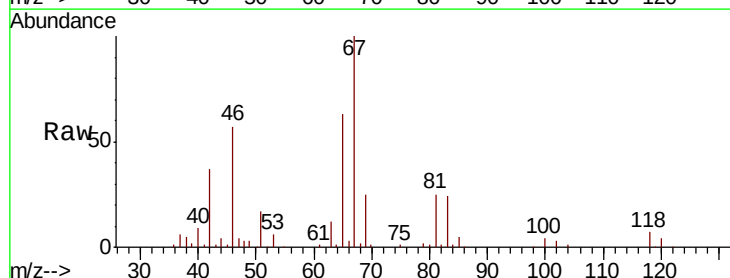
Instrument :
MSVOA_U
ClientSampleId :

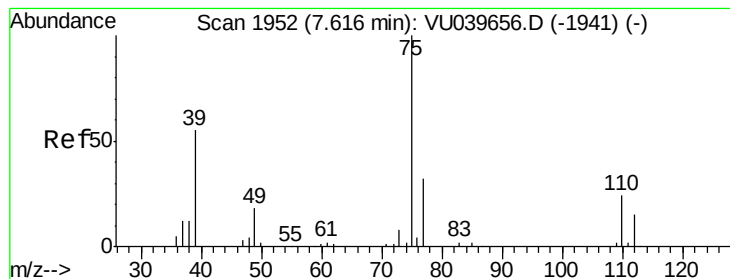
Tot Ion: 83 Resp: 20559
Ion Ratio Lower Upper
83 100
55 0.4 62.9 94.3#
98 0.4 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 4.670 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039665.D
Acq: 24 Jul 2020 15:49

Tgt Ion: 63 Resp: 10472
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



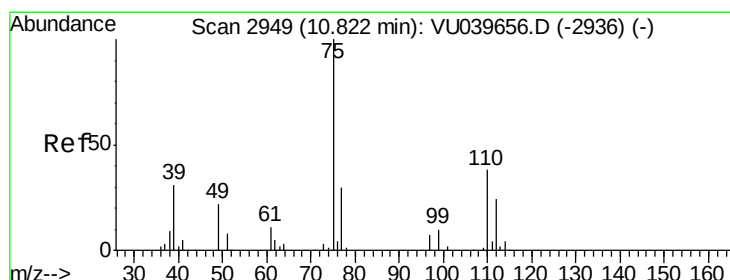
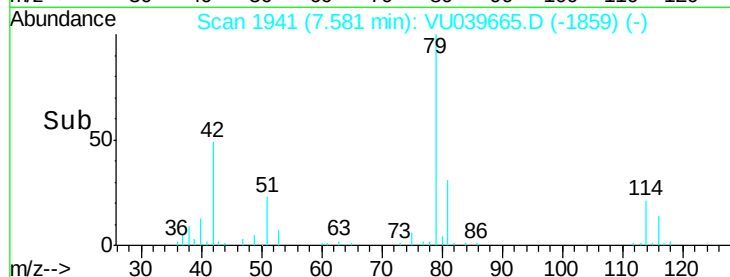
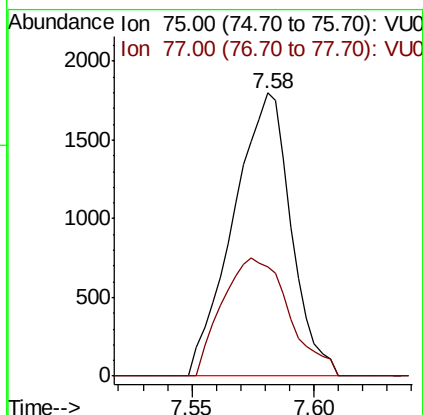
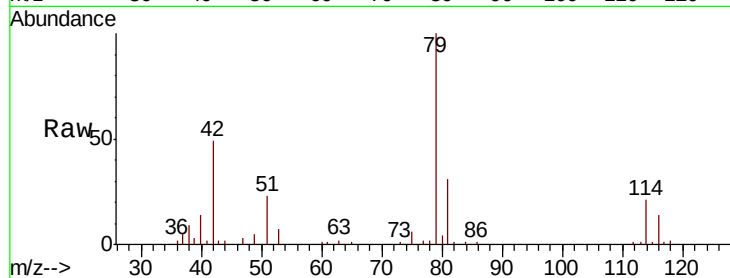


#39

cis-1,3-Dichloropropene
Concen: 0.883 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.04 min
Lab File: VU039665.D
Acq: 24 Jul 2020 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 2958
Ion Ratio Lower Upper
75 100
77 38.7 21.8 40.6



#59

1,2,3-Trichloropropane
Concen: 6.085 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039665.D
Acq: 24 Jul 2020 15:49

Tgt Ion: 75 Resp: 19799
Ion Ratio Lower Upper
75 100
77 39.4 25.4 38.2#

