

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039666.D
 Acq On : 24 Jul 2020 16:11
 Operator : SY/MD
 Sample : L3422-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:50:22 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	207595	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	199583	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	93710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62230	46.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.10%
7) Chloroethane-d5	1.92	69	64589	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.76%
11) 1,1-Dichloroethene-d2	2.58	63	103358	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	4.65	46	141956	90.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.98%
24) Chloroform-d	5.09	84	139937	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.72	65	99137	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
32) Benzene-d6	5.74	84	268403	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
36) 1,2-Dichloropropane-d6	6.71	67	88384	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.28%
41) Toluene-d8	7.91	98	244953	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	8.19	79	40209	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.64	63	88379	89.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.15%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	127548	44.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.64%
64) 1,2-Dichlorobenzene-d4	12.19	152	94966	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds

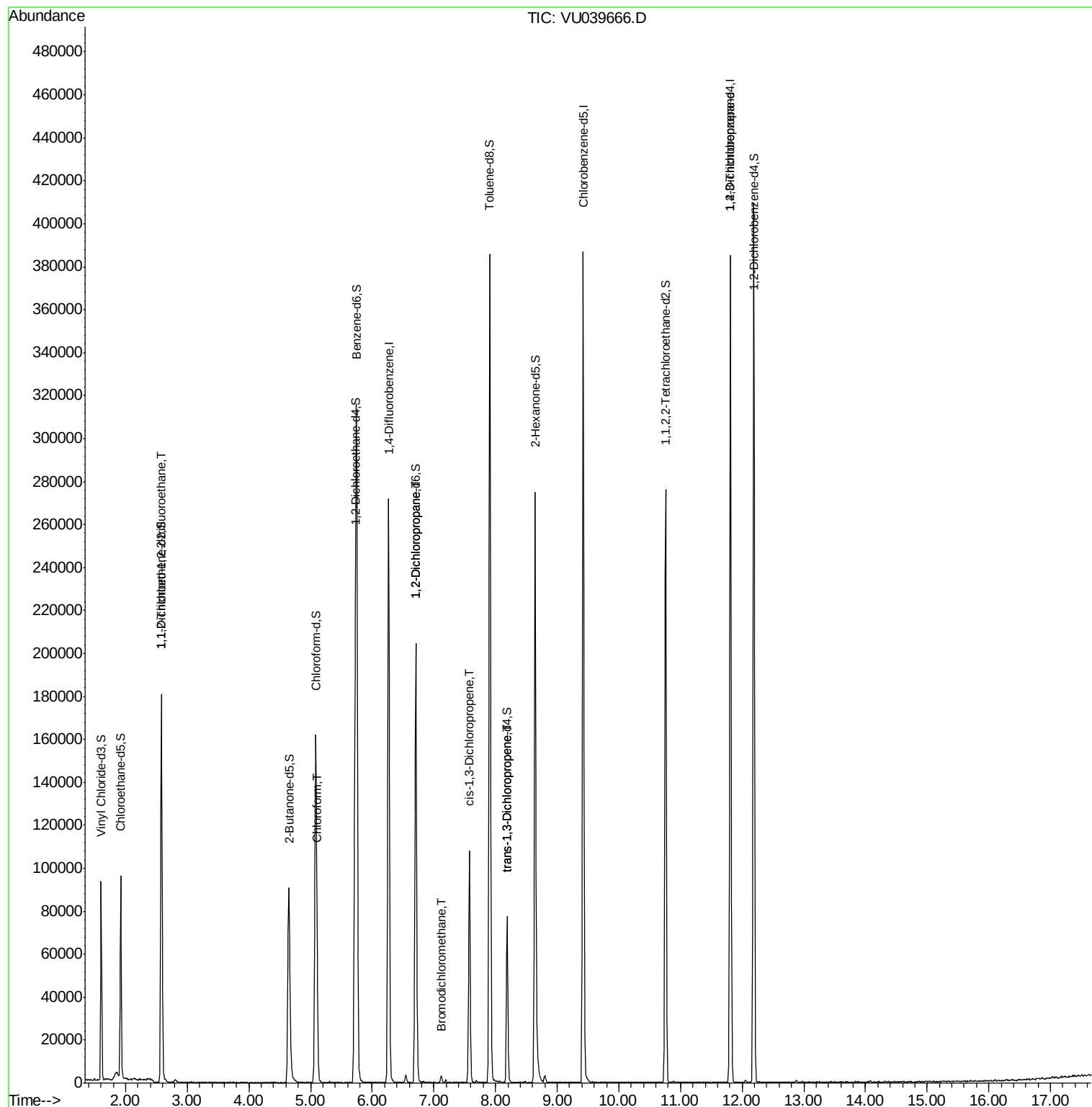
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	966	0.761 ug/L #	19
25) Chloroform	5.11	83	11068	3.880 ug/L	98
37) 1,2-Dichloropropane	6.71	63	11342	7.616 ug/L #	89
38) Bromodichloromethane	7.12	83	2176	1.100 ug/L #	95
39) cis-1,3-Dichloropropene	7.57	75	3096	1.391 ug/L #	75
44) trans-1,3-Dichloropropene	8.19	75	2155	0.989 ug/L	90
59) 1,2,3-Trichloropropane	11.81	75	13336	6.172 ug/L #	87

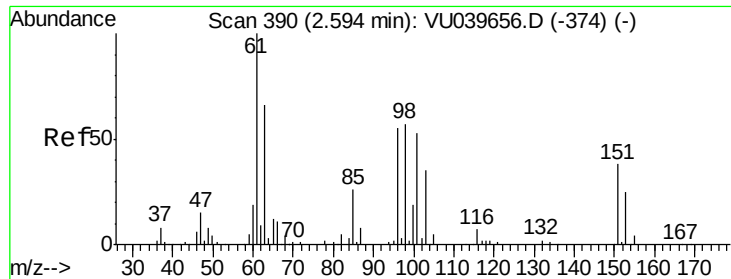
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 06:47:25 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.761 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU039666.D

Acq: 24 Jul 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

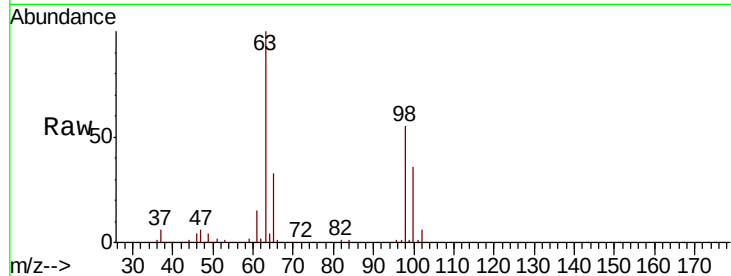
Tot Ion:101 Resp: 966

Ion Ratio Lower Upper

101 100

85 0.0 39.7 59.5#

151 0.0 57.4 86.2#

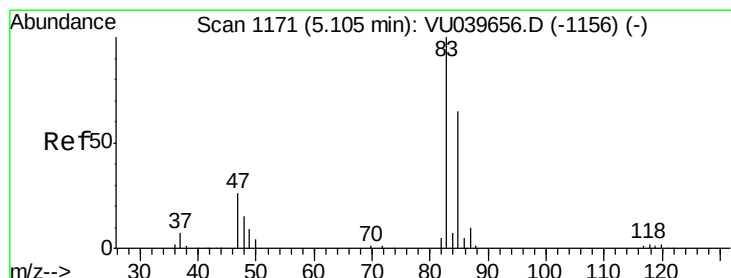
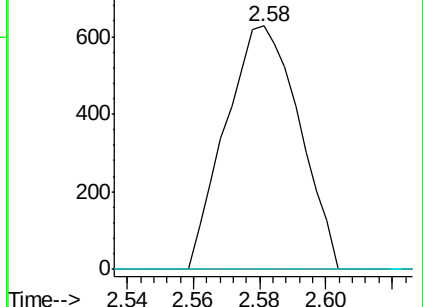
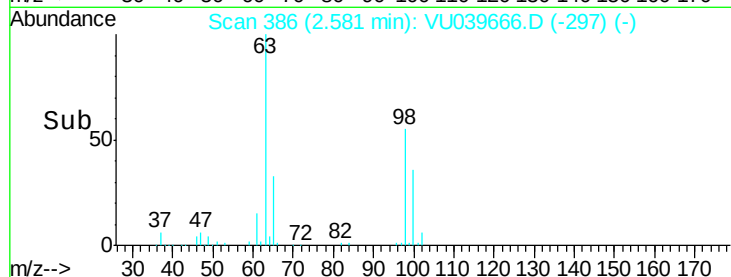


Abundance Ion 101.00 (100.70 to 101.70): VU039666.D (-297) (-)

Ion 85.00 (84.70 to 85.70): VU039666.D (-297) (-)

Ion 151.00 (150.70 to 151.70): VU039666.D (-297) (-)

Time-->



#25

Chloroform

Concen: 3.880 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039666.D

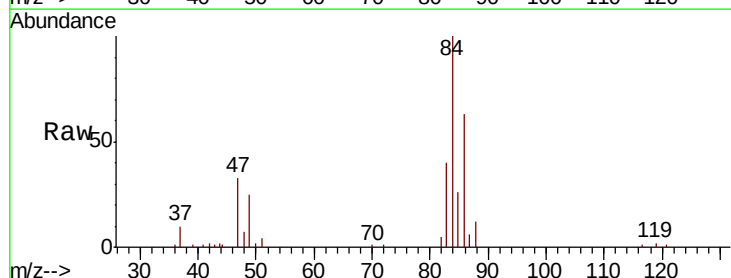
Acq: 24 Jul 2020 16:11

Tgt Ion: 83 Resp: 11068

Ion Ratio Lower Upper

83 100

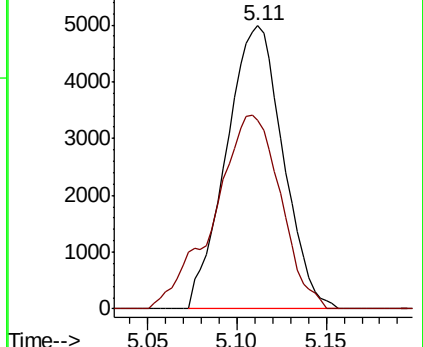
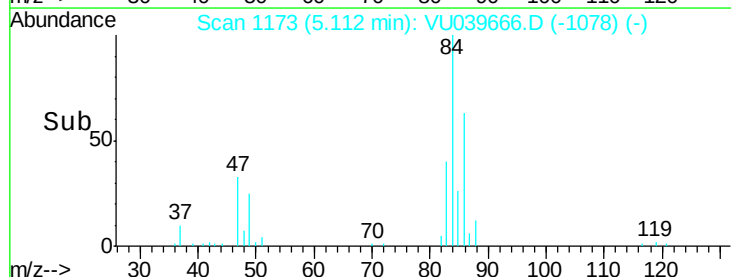
85 66.7 45.6 84.6

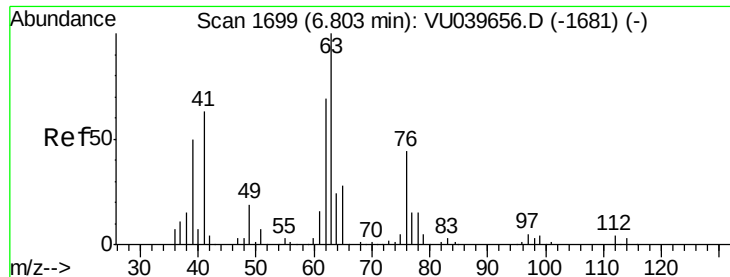


Abundance Ion 83.00 (82.70 to 83.70): VU039666.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039666.D (-1078) (-)

Time-->

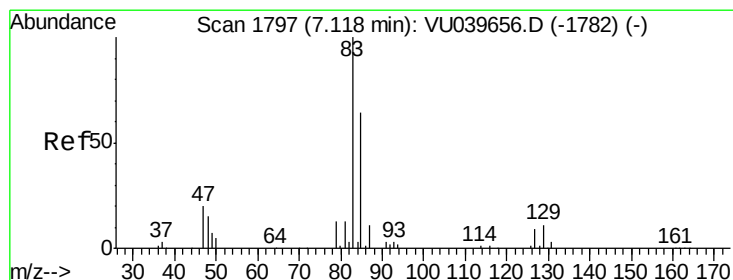
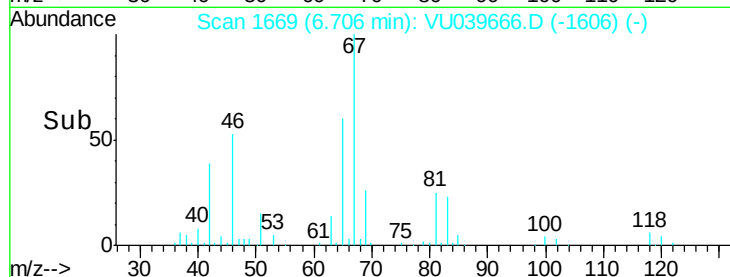
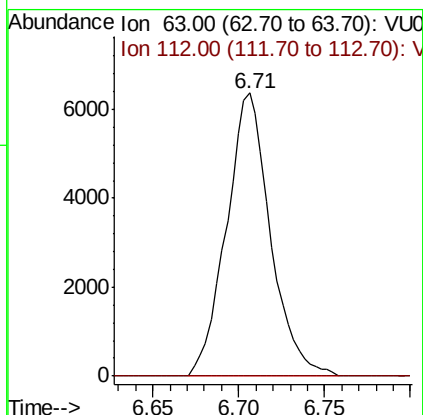
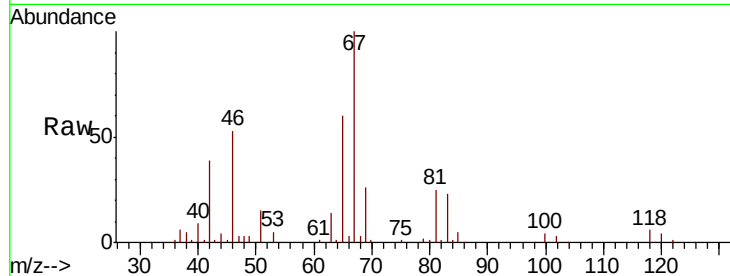




#37
 1,2-Dichloropropane
 Concen: 7.616 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039666.D
 Acq: 24 Jul 2020 16:11

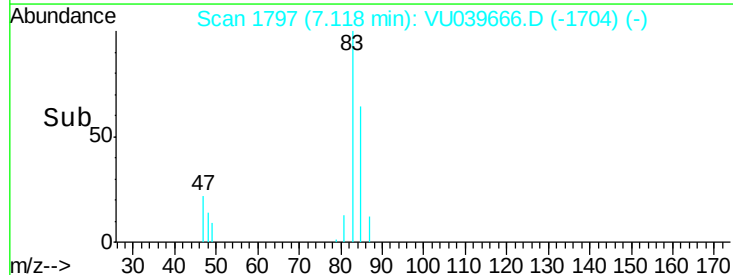
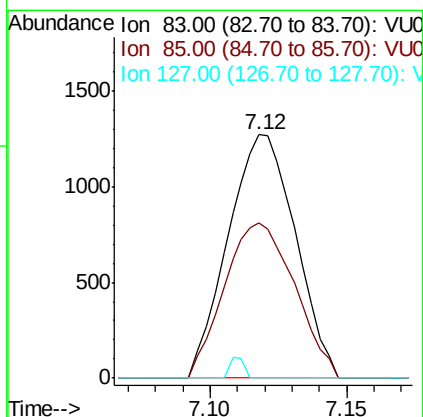
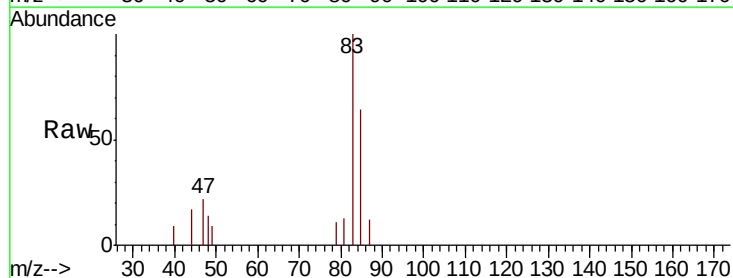
Instrument :
 MSVOA_U
 ClientSampled :

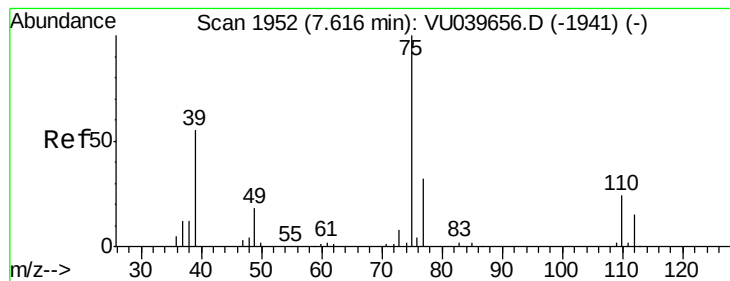
Tot Ion: 63 Resp: 11342
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#38
 Bromodichloromethane
 Concen: 1.100 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VU039666.D
 Acq: 24 Jul 2020 16:11

Tgt Ion: 83 Resp: 2176
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.9 85.3
 127 0.0 7.4 11.2#



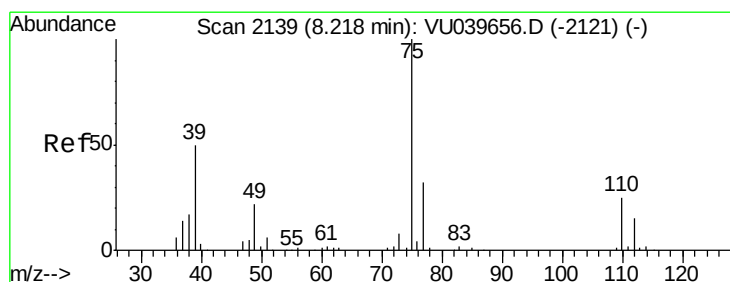
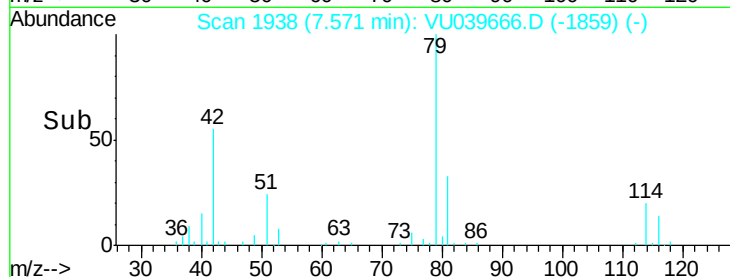
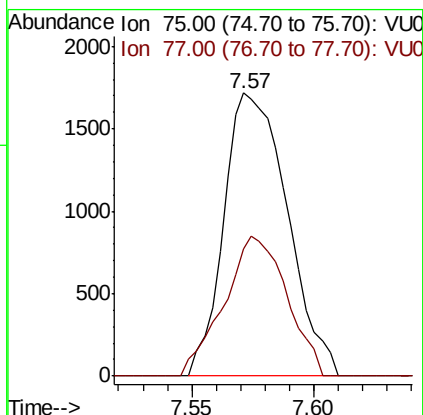
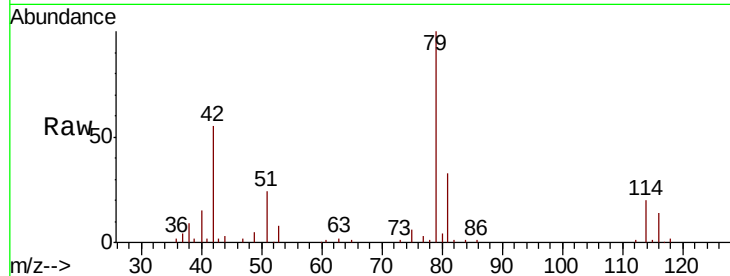


#39

cis-1,3-Dichloropropene
Concen: 1.391 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.05 min
Lab File: VU039666.D
Acq: 24 Jul 2020 16:11

Instrument :
MSVOA_U
ClientSampleId :

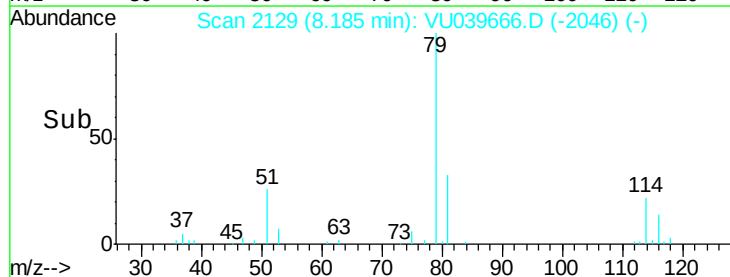
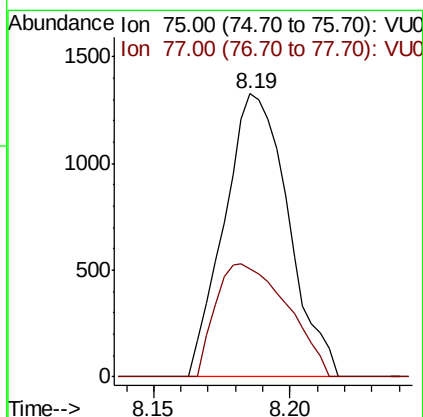
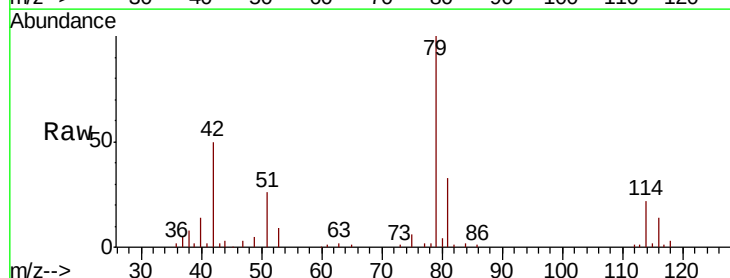
Tot Ion: 75 Resp: 3096
Ion Ratio Lower Upper
75 100
77 44.7 21.8 40.6#

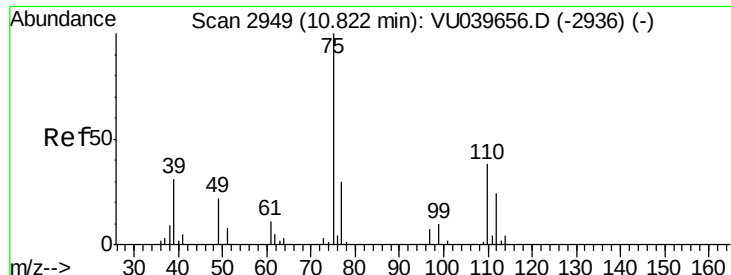


#44

trans-1,3-Dichloropropene
Concen: 0.989 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU039666.D
Acq: 24 Jul 2020 16:11

Tgt Ion: 75 Resp: 2155
Ion Ratio Lower Upper
75 100
77 38.0 22.7 42.1





#59

1,2,3-Trichloropropane

Concen: 6.172 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039666.D

Acq: 24 Jul 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13336

Ion Ratio Lower Upper

75 100

77 39.2 25.4 38.2#

