

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072420\
 Data File : VU039661.D
 Acq On : 24 Jul 2020 14:21
 Operator : SY/MD
 Sample : L3422-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:49:33 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	168868	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	160890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	57279	52.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.20%
7) Chloroethane-d5	1.92	69	54162	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.22%
11) 1,1-Dichloroethene-d2	2.58	63	92548	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.54%
21) 2-Butanone-d5	4.65	46	124544	98.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.13%
24) Chloroform-d	5.09	84	124299	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	5.72	65	90425	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
32) Benzene-d6	5.74	84	239982	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
36) 1,2-Dichloropropane-d6	6.71	67	78693	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.44%
41) Toluene-d8	7.91	98	219578	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%
43) trans-1,3-Dichloropropene-	8.19	79	37188	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.58%
47) 2-Hexanone-d5	8.64	63	78575	98.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	111689	48.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.28%
64) 1,2-Dichlorobenzene-d4	12.19	152	86560	54.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.50%

Target Compounds

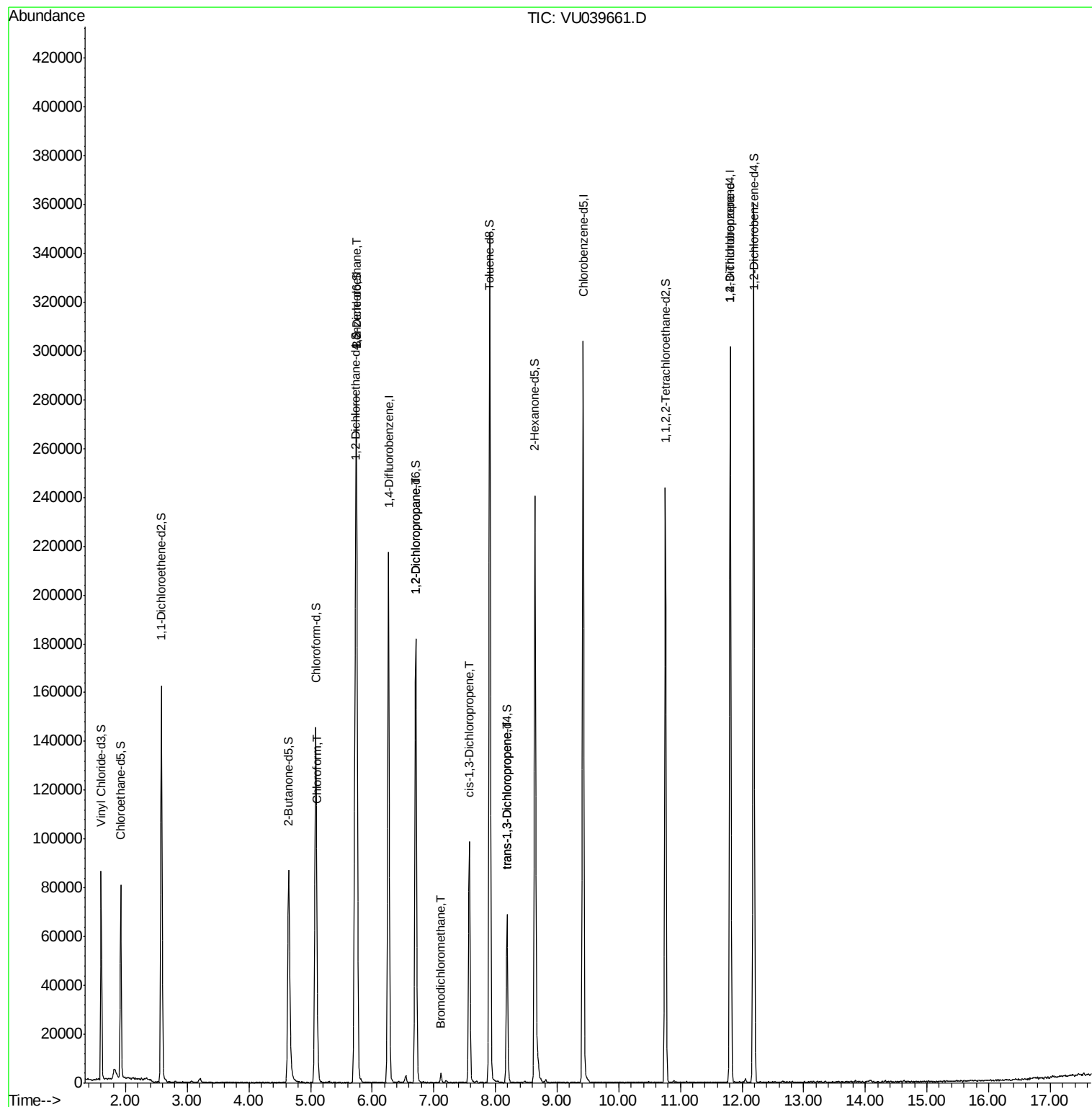
					Ovalue
25) Chloroform	5.11	83	10901	4.698 ug/L	99
27) 1,2-Dichloroethane	5.74	62	1680	0.873 ug/L #	77
37) 1,2-Dichloropropane	6.71	63	9596	7.993 ug/L #	89
38) Bromodichloromethane	7.12	83	2373	1.488 ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	2878	1.604 ug/L #	63
44) trans-1,3-Dichloropropene	8.19	75	1910	1.087 ug/L #	63
59) 1,2,3-Trichloropropane	11.81	75	10897	6.256 ug/L #	88

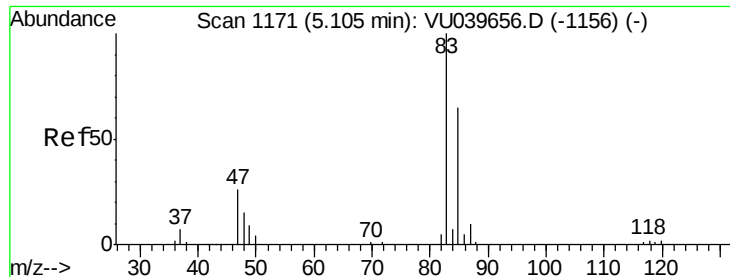
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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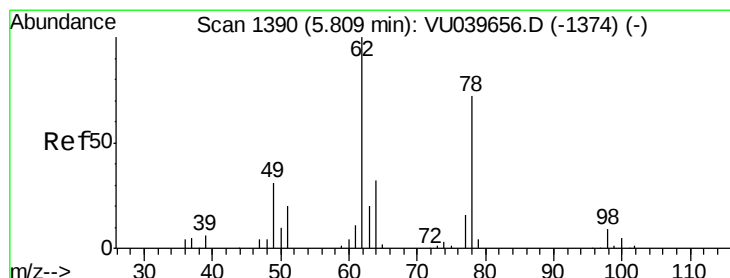
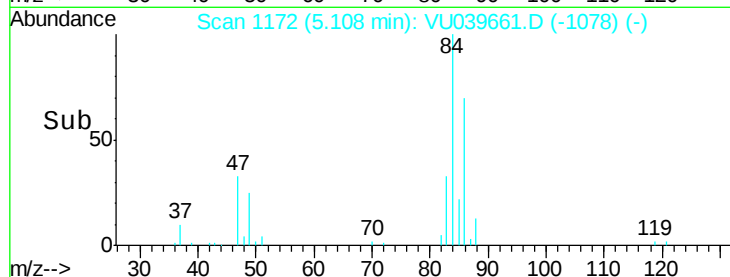
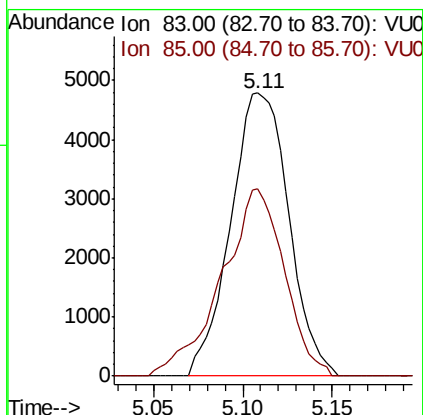
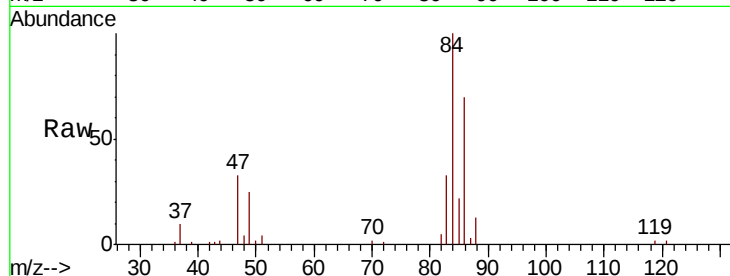




#25
Chloroform
Concen: 4.698 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039661.D
Acq: 24 Jul 2020 14:21

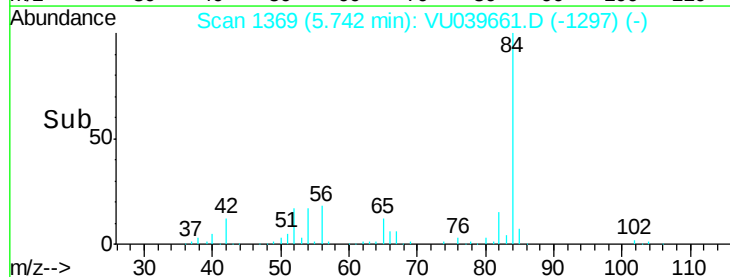
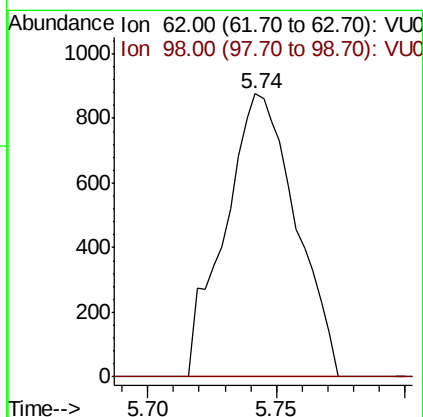
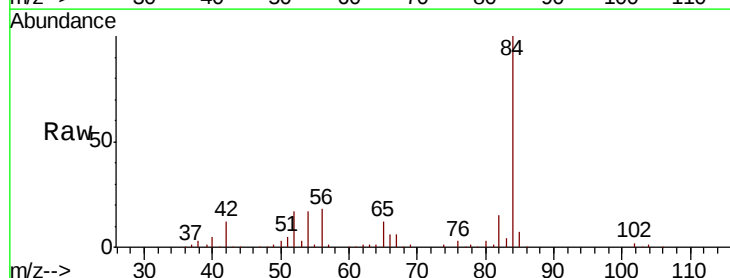
Instrument :
MSVOA_U
ClientSampled :

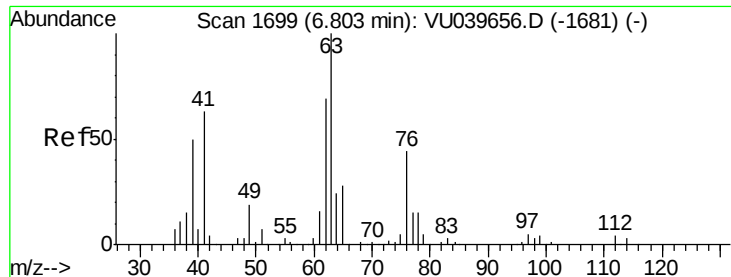
Tot Ion: 83 Resp: 10901
Ion Ratio Lower Upper
83 100
85 66.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 0.873 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU039661.D
Acq: 24 Jul 2020 14:21

Tgt Ion: 62 Resp: 1680
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#

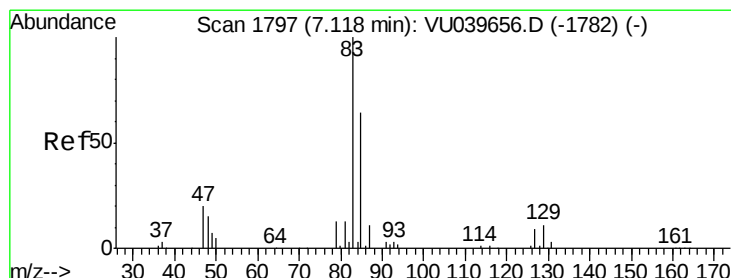
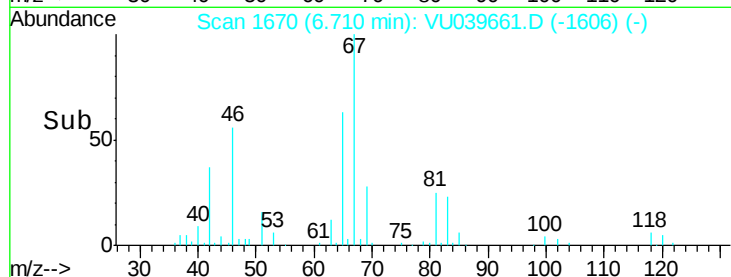
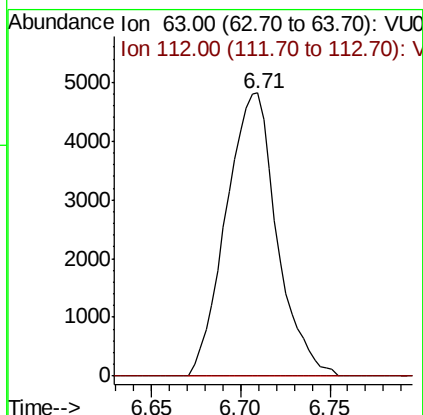
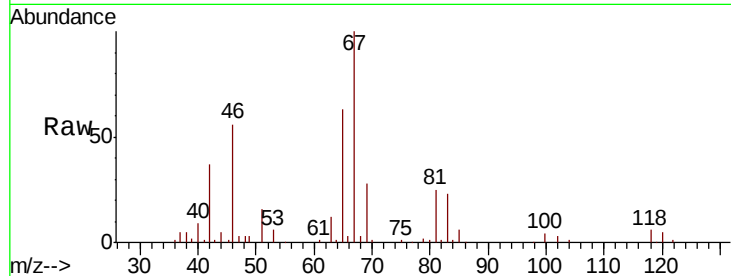




#37
 1,2-Dichloropropane
 Concen: 7.993 ug/L
 RT: 6.71 min Scan# 1670
 Delta R.T. -0.09 min
 Lab File: VU039661.D
 Acq: 24 Jul 2020 14:21

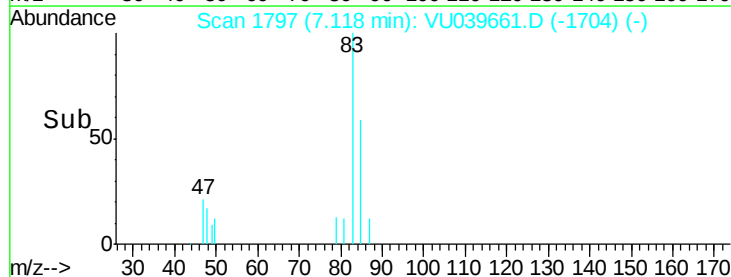
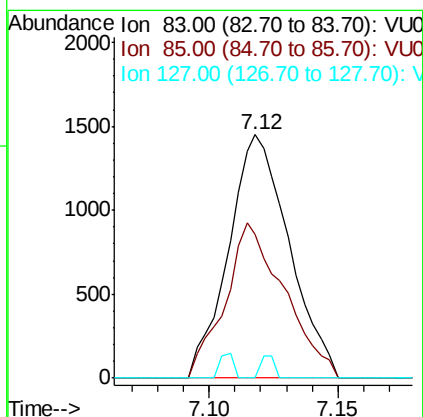
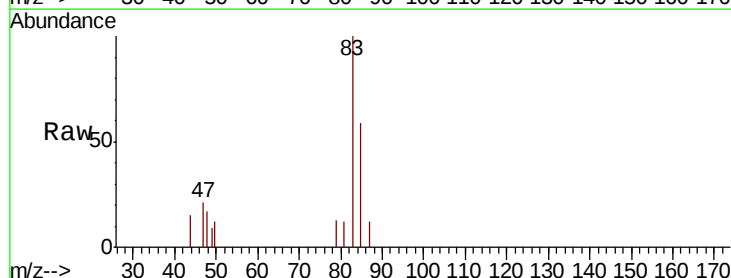
Instrument :
 MSVOA_U
 ClientSampled :

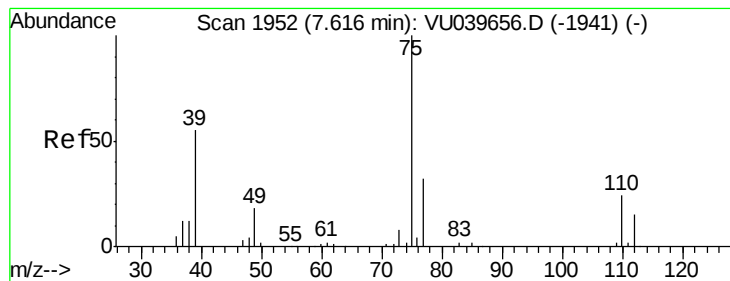
Tot Ion: 63 Resp: 9596
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#38
 Bromodichloromethane
 Concen: 1.488 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VU039661.D
 Acq: 24 Jul 2020 14:21

Tgt Ion: 83 Resp: 2373
 Ion Ratio Lower Upper
 83 100
 85 59.1 45.9 85.3
 127 0.0 7.4 11.2#





#39

cis-1,3-Dichloropropene

Concen: 1.604 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039661.D

Acq: 24 Jul 2020 14:21

Instrument :

MSVOA_U

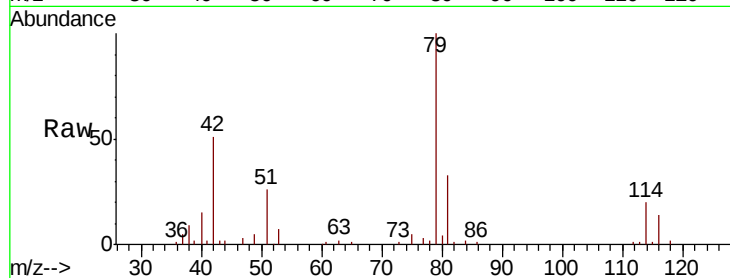
ClientSampleId :

Tot Ion: 75 Resp: 2878

Ion Ratio Lower Upper

75 100

77 51.7 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

1500

1000

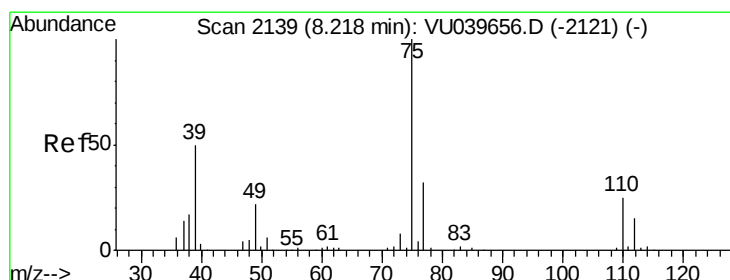
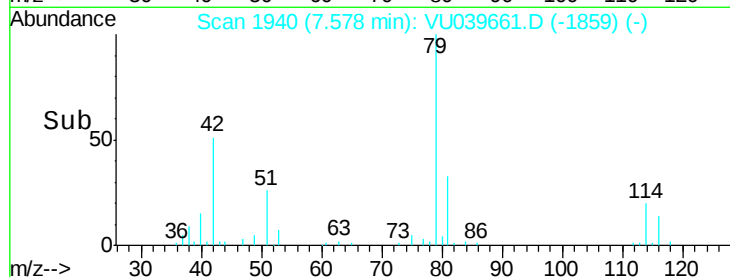
500

0

7.55 7.60

7.58

Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.087 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU039661.D

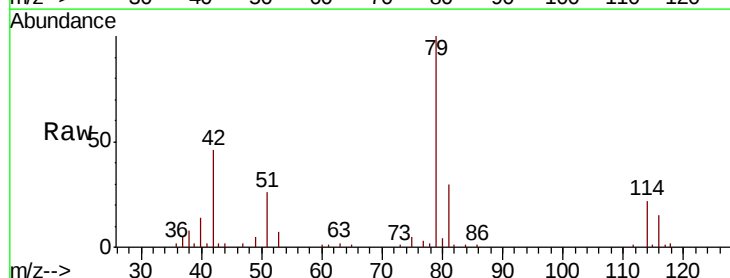
Acq: 24 Jul 2020 14:21

Tgt Ion: 75 Resp: 1910

Ion Ratio Lower Upper

75 100

77 53.1 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

1200

1000

800

600

400

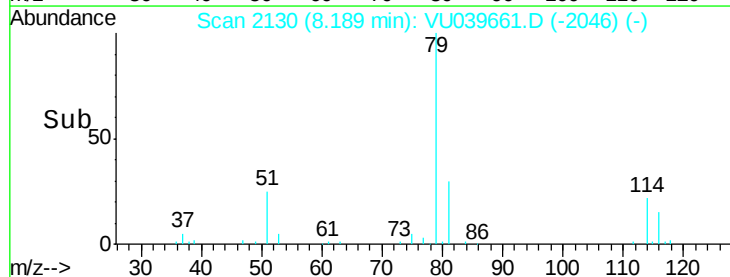
200

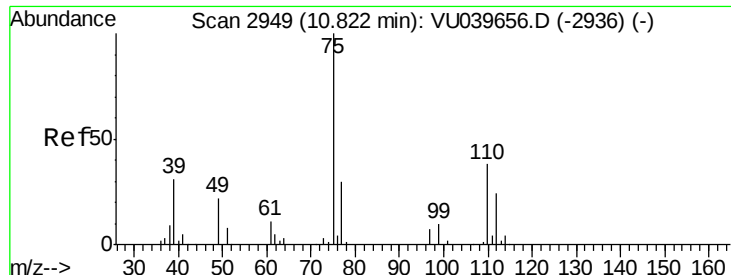
0

8.15 8.20

8.19

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.256 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039661.D

Acq: 24 Jul 2020 14:21

Instrument :

MSVOA_U

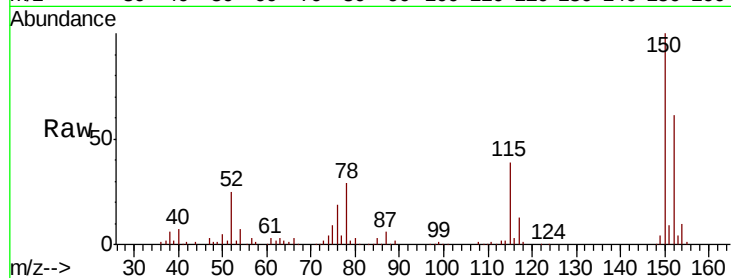
ClientSampleId :

Tot Ion: 75 Resp: 10897

Ion Ratio Lower Upper

75 100

77 38.2 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

