

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039530.D
 Acq On : 16 Jul 2020 17:37
 Operator : SY/MD
 Sample : L3292-11 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:11:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	89854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19401	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.92	69	25295	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	32225	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	104736	43.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.90%
24) Chloroform-d	5.08	84	49417	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	32813	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.75	84	96068	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.71	67	33430	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	82437	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	12350	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.64	63	73700	38.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29086	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31854	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

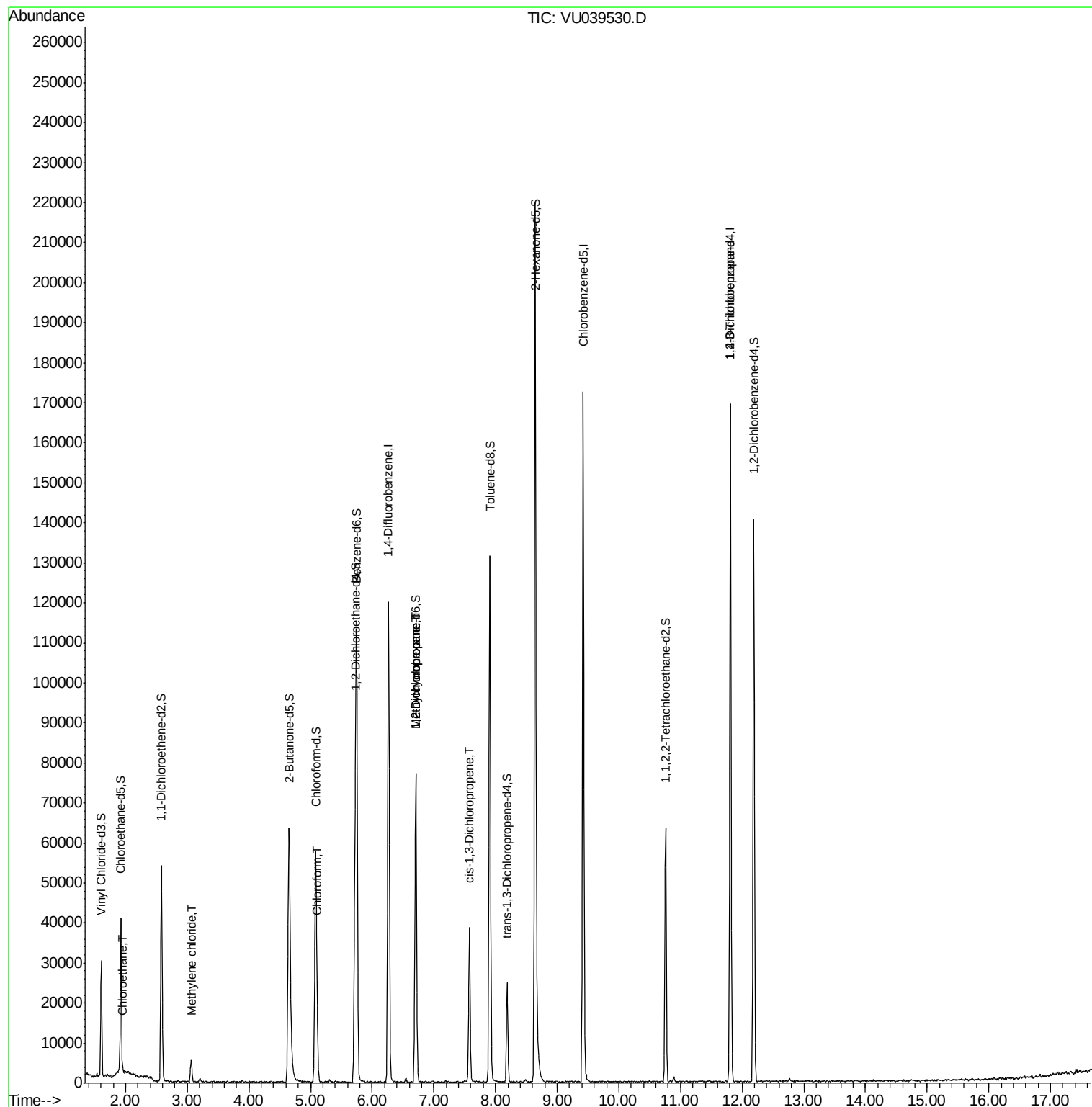
					Ovalue
8) Chloroethane	1.95	64	484	0.091 ug/L #	41
16) Methylene chloride	3.06	84	2368	0.352 ug/L	86
25) Chloroform	5.11	83	3769	0.322 ug/L	87
35) Methylcyclohexane	6.71	83	7789	0.731 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4135	0.590 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1086	0.102 ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	6100	1.181 ug/L	96

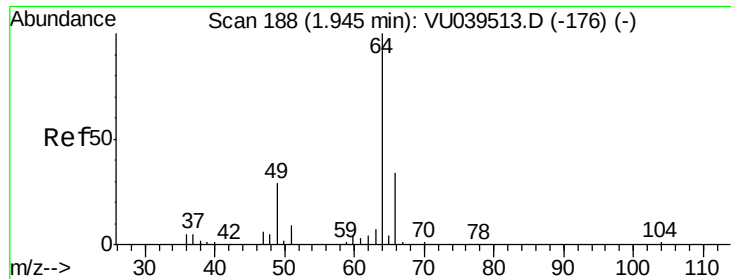
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 17 01:06:47 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.01 min

Lab File: VU039530.D

Acq: 16 Jul 2020 17:37

Instrument :

MSVOA_U

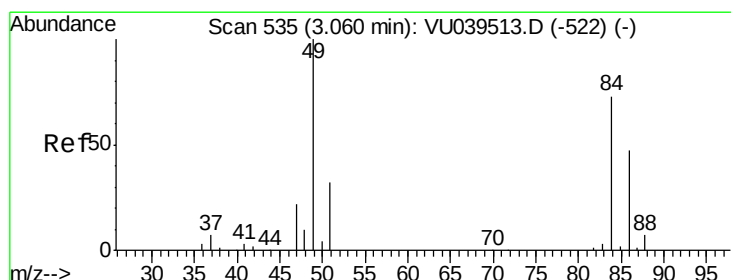
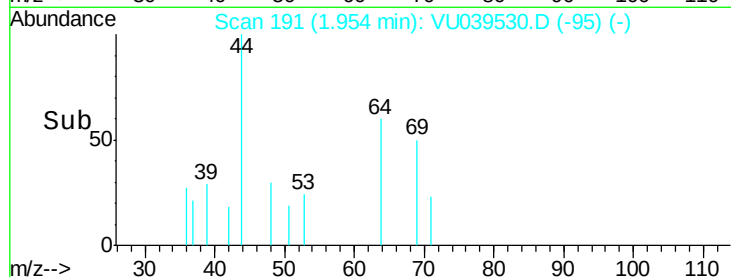
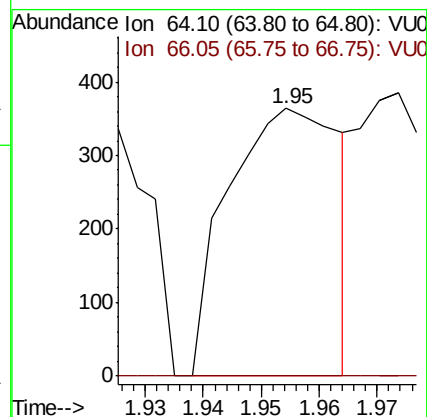
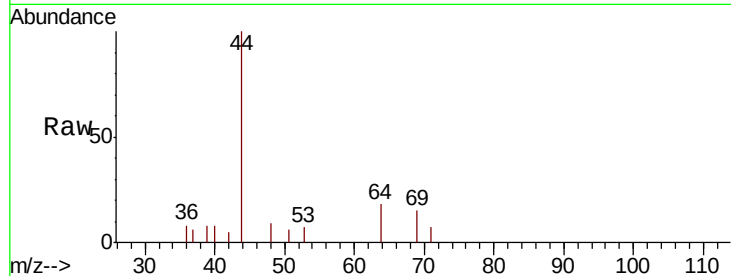
ClientSampleId :

Tot Ion: 64 Resp: 484

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



#16

Methylene chloride

Concen: 0.352 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039530.D

Acq: 16 Jul 2020 17:37

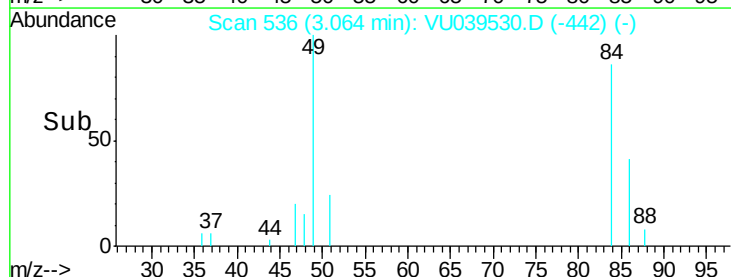
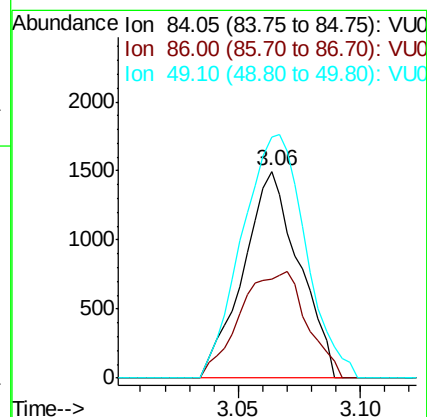
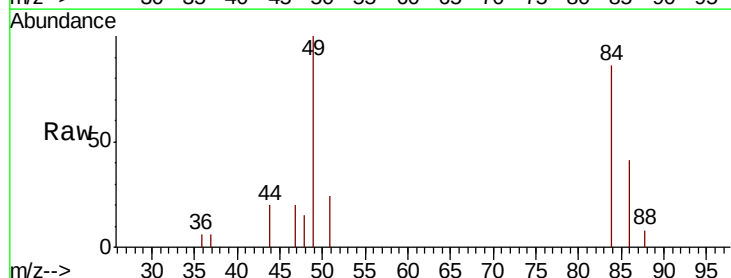
Tgt Ion: 84 Resp: 2368

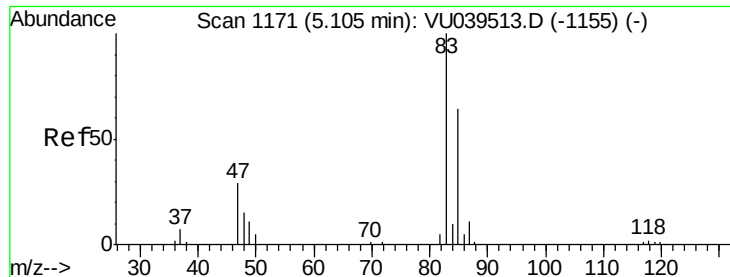
Ion Ratio Lower Upper

84 100

86 48.0 43.5 80.9

49 116.9 91.1 169.1

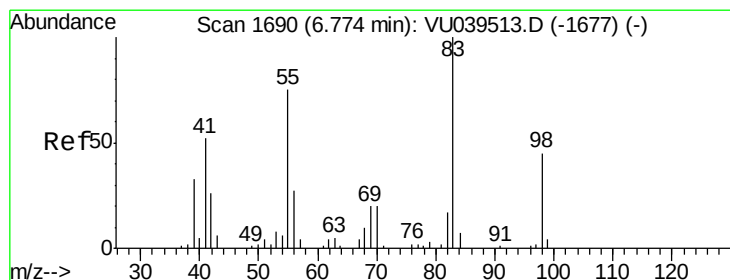
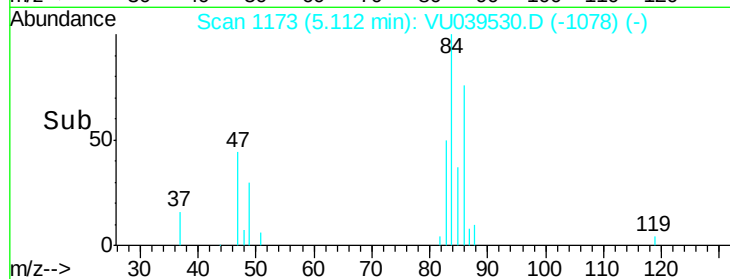
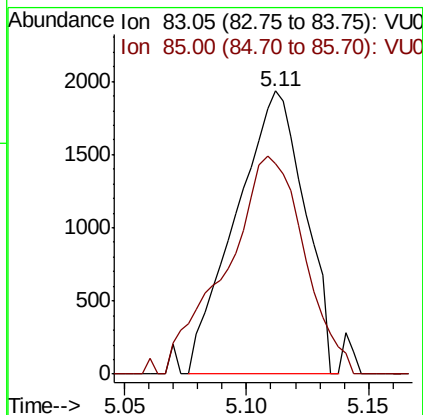
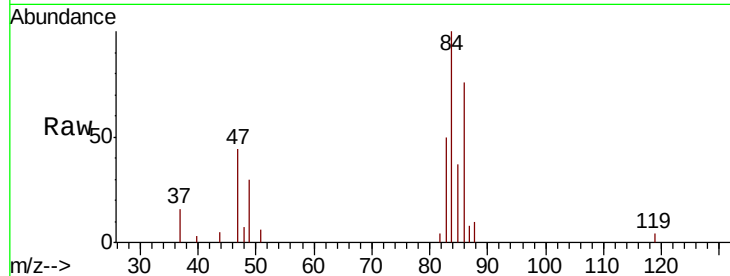




#25
Chloroform
Concen: 0.322 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039530.D
Acq: 16 Jul 2020 17:37

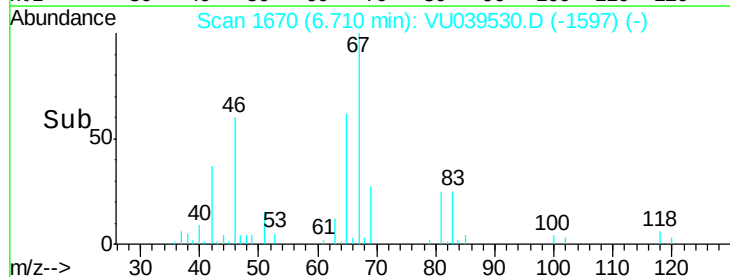
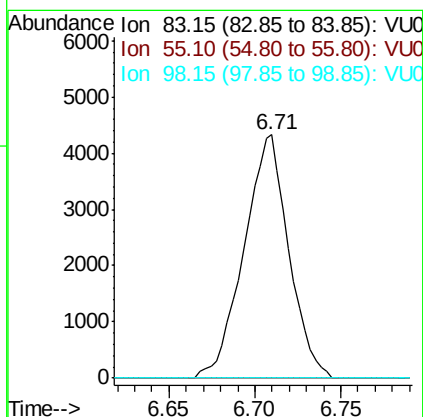
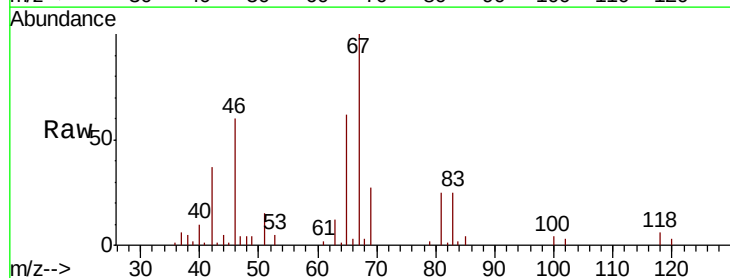
Instrument :
MSVOA_U
ClientSampleId :

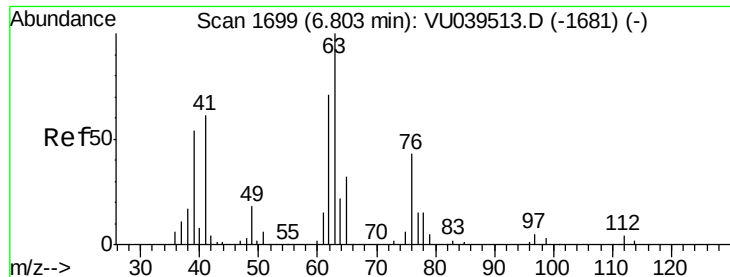
Tot Ion: 83 Resp: 3769
Ion Ratio Lower Upper
83 100
85 74.1 44.9 83.5



#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.06 min
Lab File: VU039530.D
Acq: 16 Jul 2020 17:37

Tgt Ion: 83 Resp: 7789
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.9 35.9 53.9#

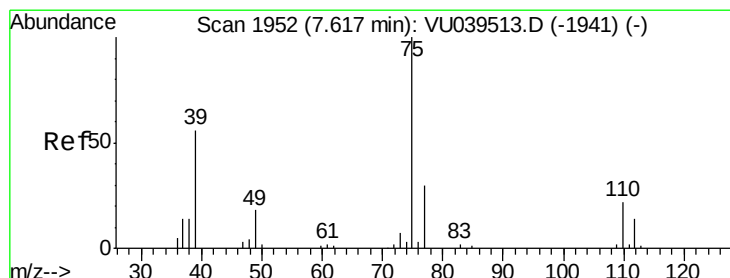
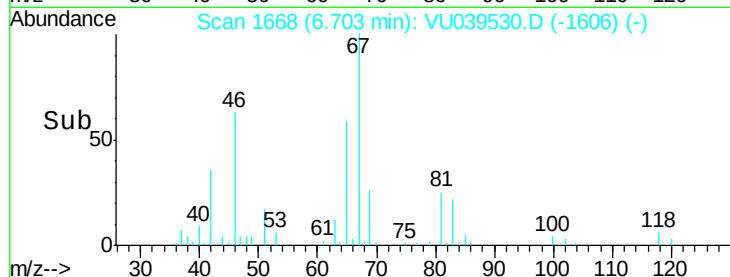
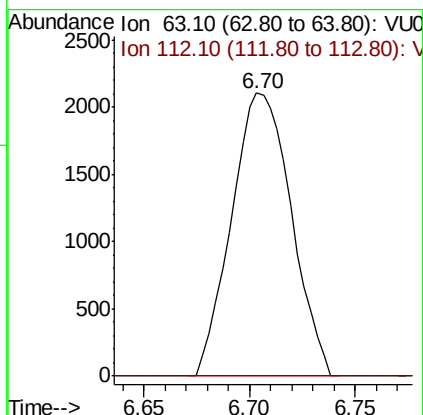
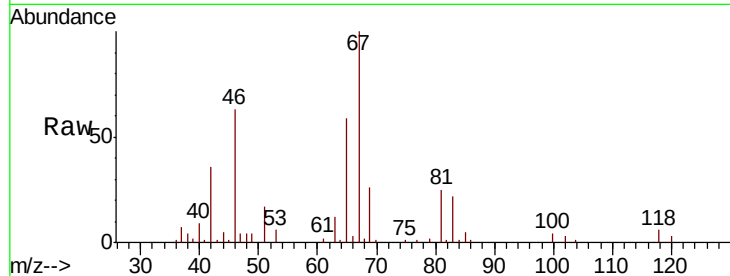




#37
 1,2-Dichloropropane
 Concen: 0.590 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039530.D
 Acq: 16 Jul 2020 17:37

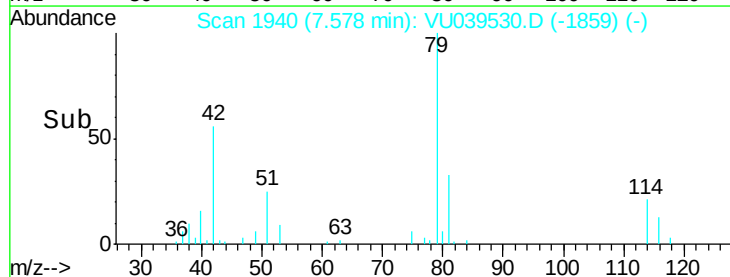
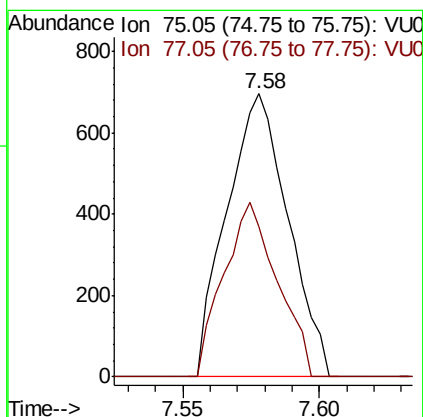
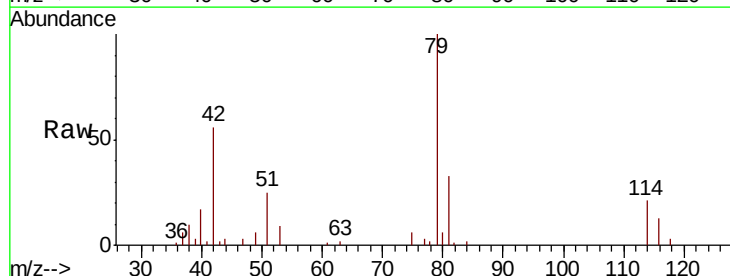
Instrument :
 MSVOA_U
 ClientSampleId :

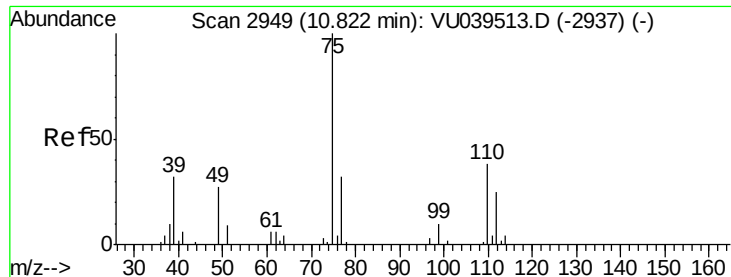
Tot Ion: 63 Resp: 4135
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039530.D
 Acq: 16 Jul 2020 17:37

Tgt Ion: 75 Resp: 1086
 Ion Ratio Lower Upper
 75 100
 77 52.9 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 1.181 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039530.D

Acq: 16 Jul 2020 17:37

Instrument :

MSVOA_U

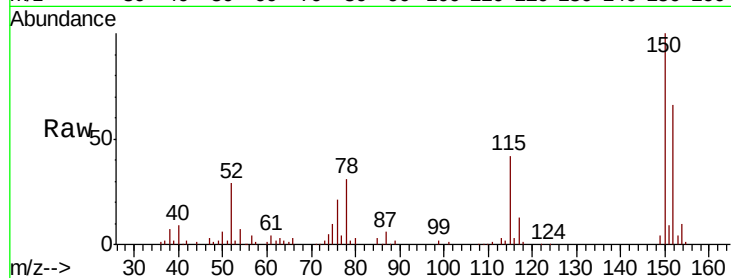
ClientSampleId :

Tot Ion: 75 Resp: 6100

Ion Ratio Lower Upper

75 100

77 35.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

