

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039519.D
 Acq On : 16 Jul 2020 13:24
 Operator : SY/MD
 Sample : L3313-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:09:18 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	91871	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20256	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.92	69	23327	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.58	63	33024	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	95219	39.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.16%
24) Chloroform-d	5.09	84	48908	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	32368	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.75	84	92874	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.71	67	32386	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	81724	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	12348	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.64	63	67387	34.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.08%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28079	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	32410	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

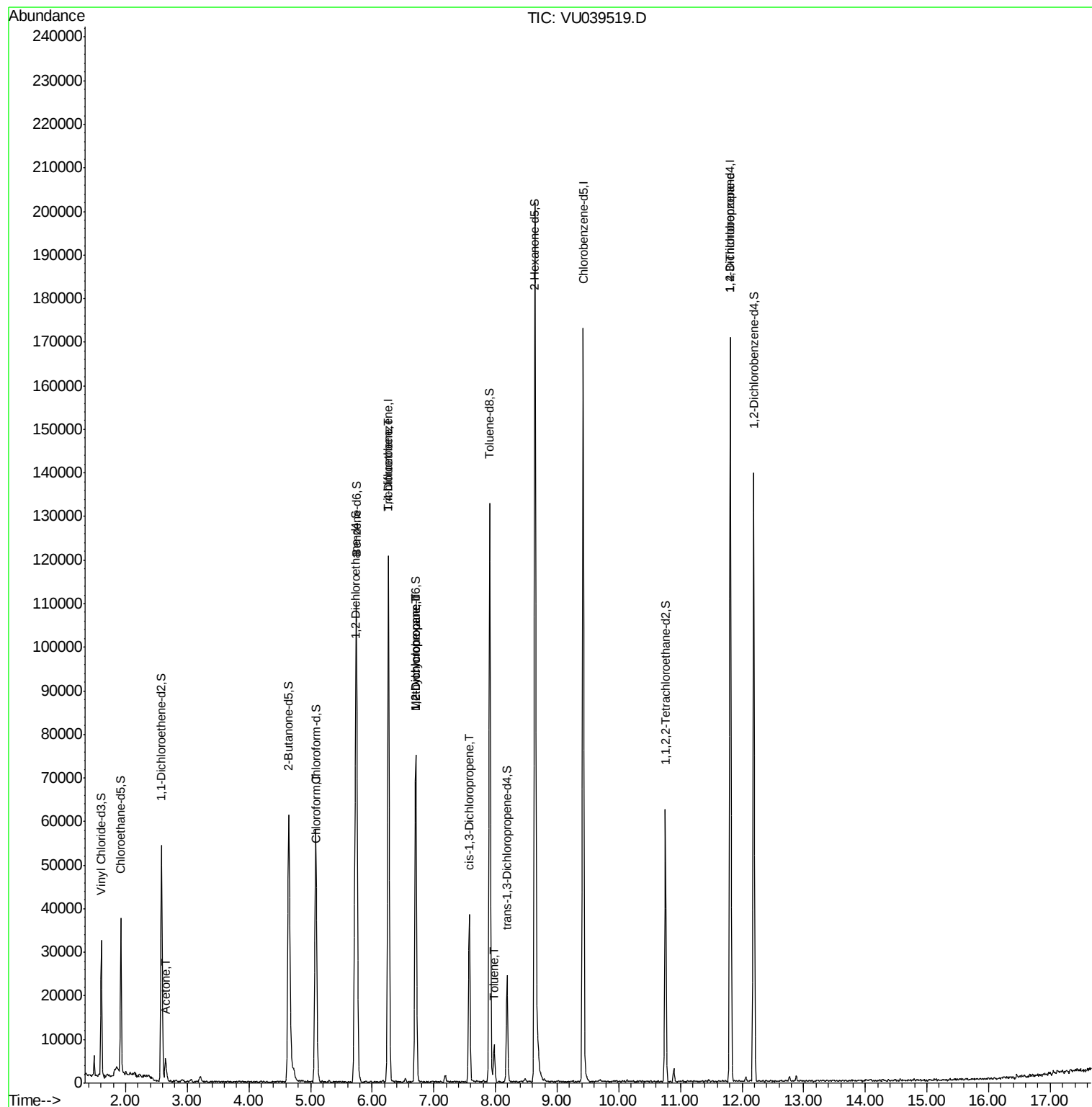
					Ovalue
13) Acetone	2.65	43	7029	5.345 ug/L	96
25) Chloroform	5.11	83	2370	0.198 ug/L #	74
34) Trichloroethene	6.27	95	1863	0.274 ug/L #	7
35) Methylcyclohexane	6.71	83	7114	0.652 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	3800	0.530 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	989	0.091 ug/L #	62
42) Toluene	7.98	91	5970	0.212 ug/L	96
59) 1,2,3-Trichloropropane	11.81	75	6416	1.213 ug/L	95

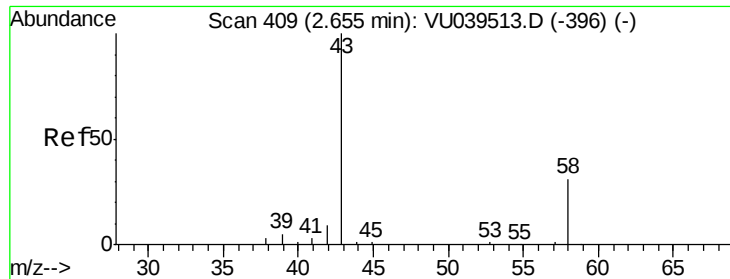
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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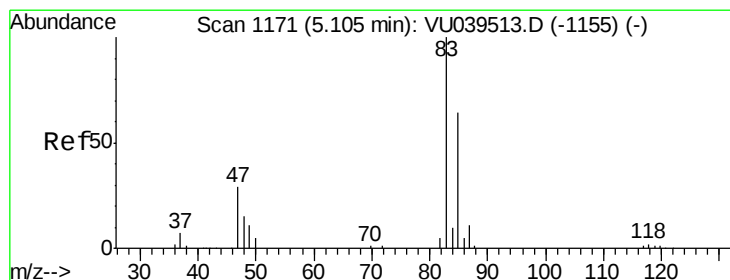
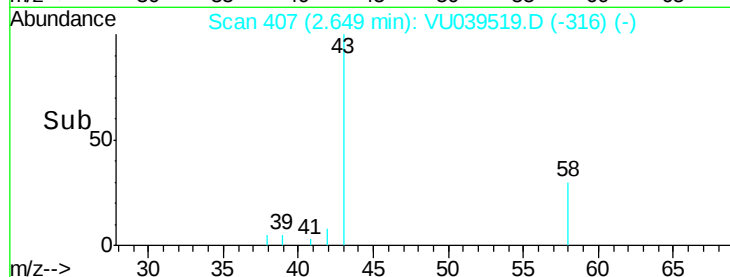
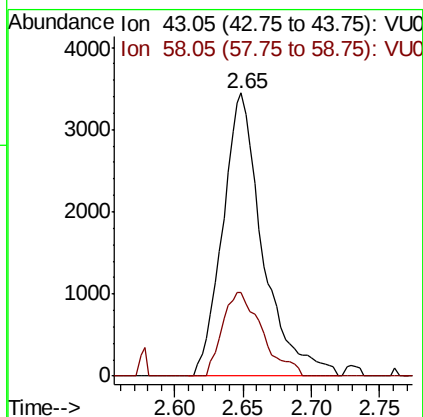
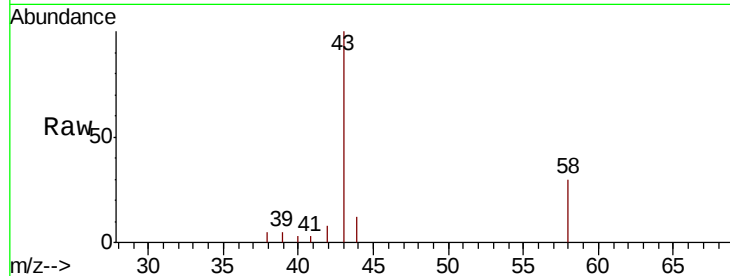




#13
Acetone
Concen: 5.345 ug/L
RT: 2.65 min Scan# 407
Delta R.T. -0.01 min
Lab File: VU039519.D
Acq: 16 Jul 2020 13:24

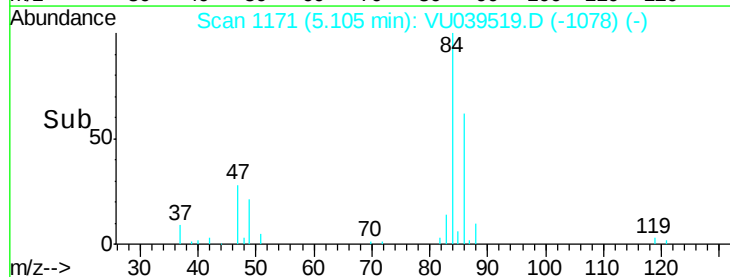
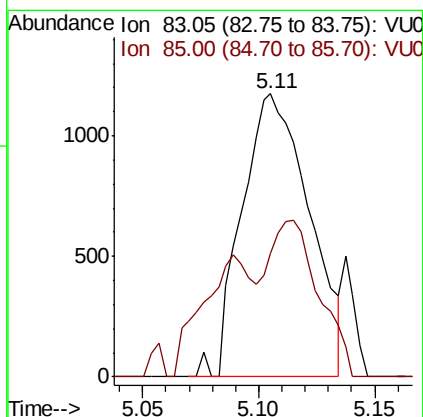
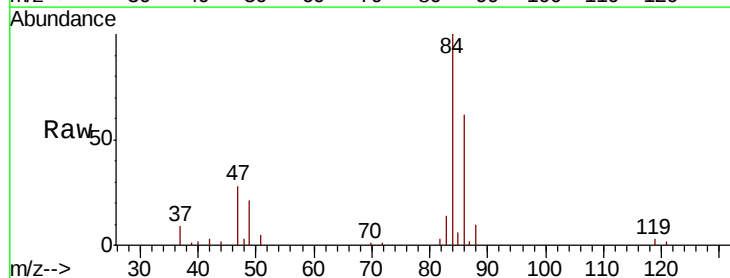
Instrument :
MSVOA_U
ClientSampleId :

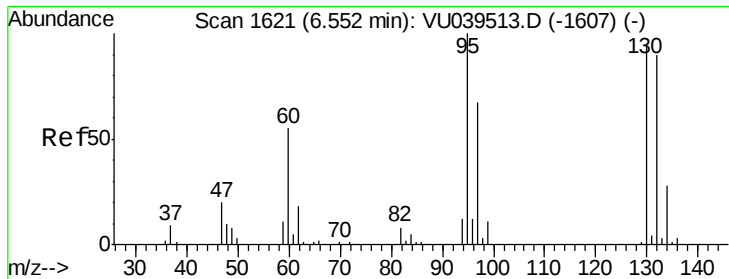
Tot Ion: 43 Resp: 7029
Ion Ratio Lower Upper
43 100
58 29.4 0.0 62.8



#25
Chloroform
Concen: 0.198 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039519.D
Acq: 16 Jul 2020 13:24

Tgt Ion: 83 Resp: 2370
Ion Ratio Lower Upper
83 100
85 43.4 44.9 83.5#





#34

Trichloroethene

Concen: 0.274 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU039519.D

Acq: 16 Jul 2020 13:24

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 1863

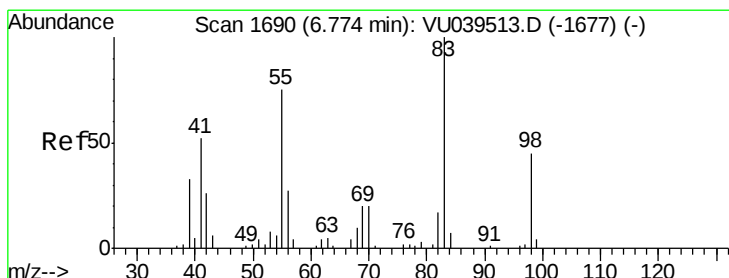
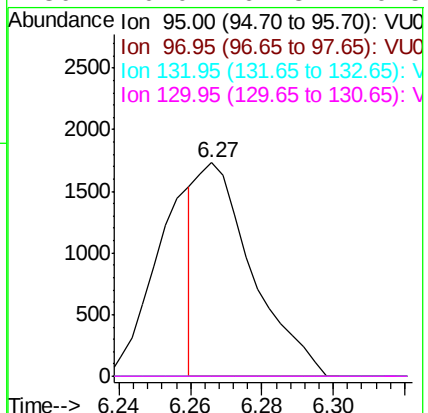
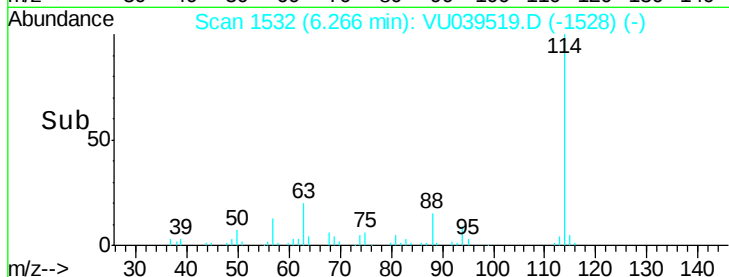
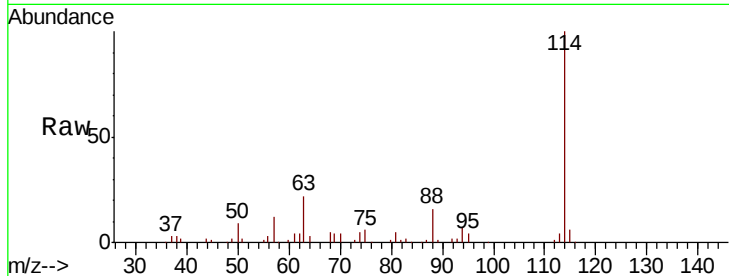
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 64.0 118.8#

130 0.0 64.3 119.5#



#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039519.D

Acq: 16 Jul 2020 13:24

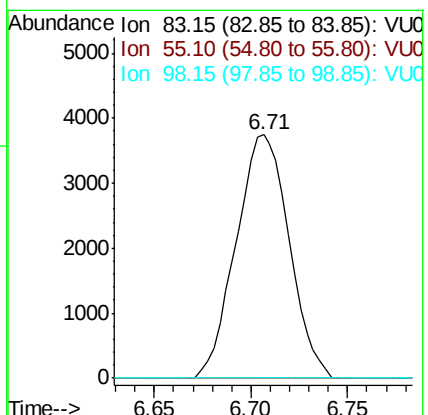
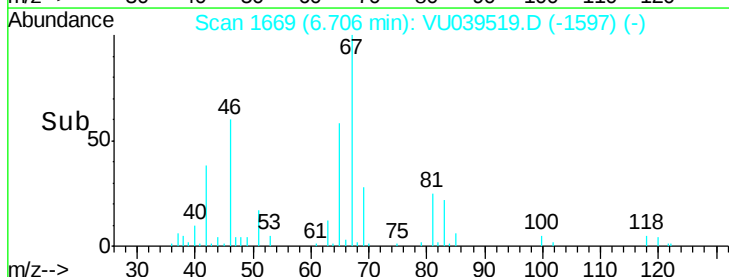
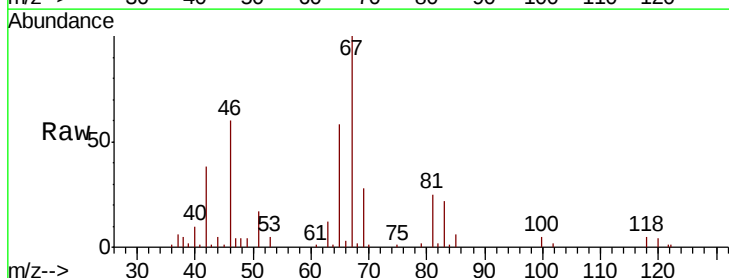
Tgt Ion: 83 Resp: 7114

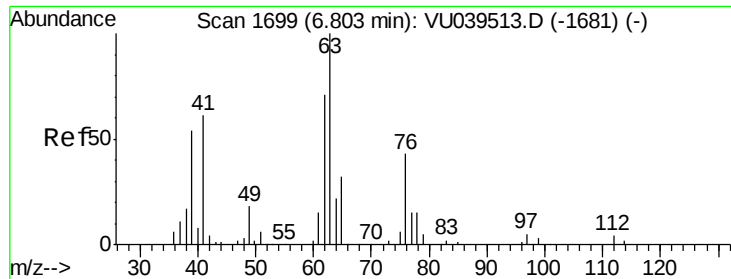
Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

98 0.0 35.9 53.9#

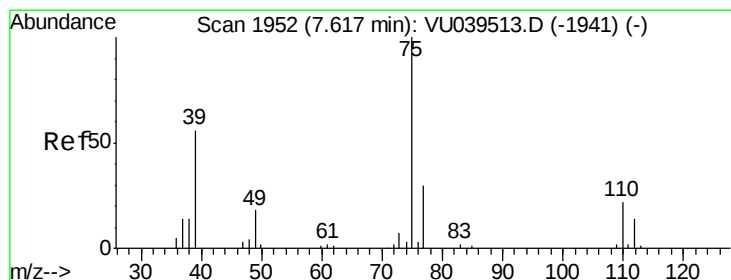
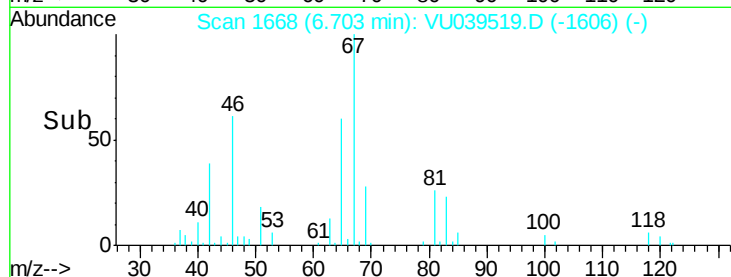
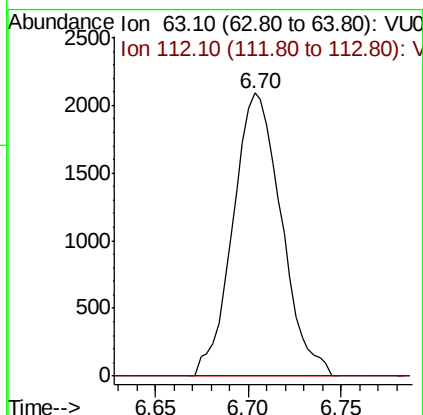
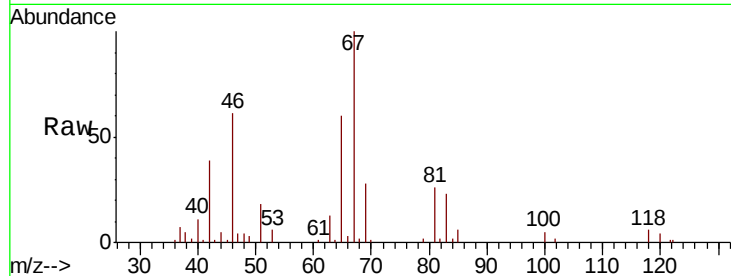




#37
 1,2-Dichloropropane
 Concen: 0.530 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039519.D
 Acq: 16 Jul 2020 13:24

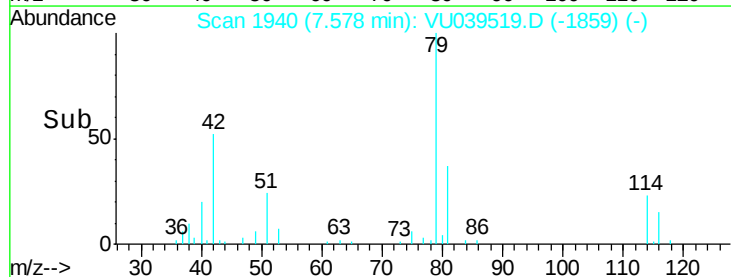
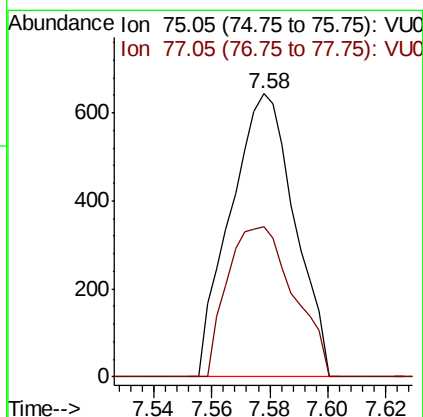
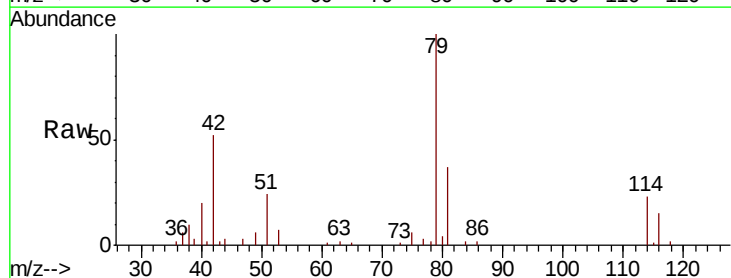
Instrument :
 MSVOA_U
 ClientSampleId :

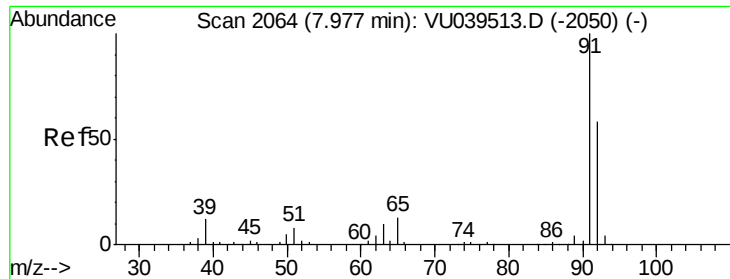
Tot Ion: 63 Resp: 3800
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039519.D
 Acq: 16 Jul 2020 13:24

Tgt Ion: 75 Resp: 989
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.3 41.3#





#42

Toluene

Concen: 0.212 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU039519.D

Acq: 16 Jul 2020 13:24

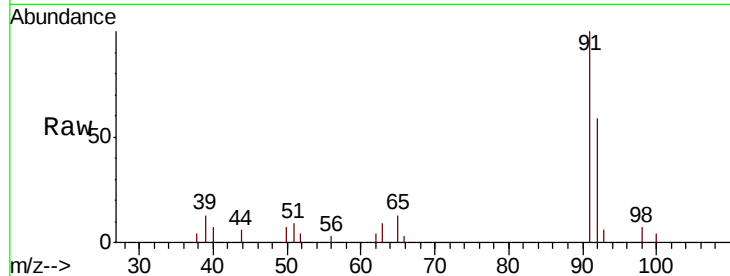
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 5970

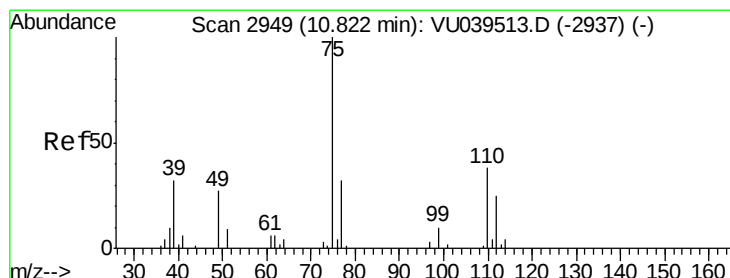
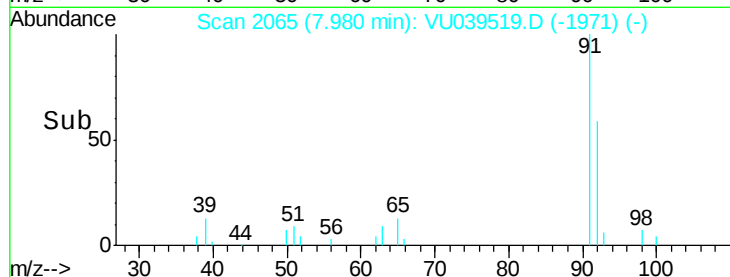
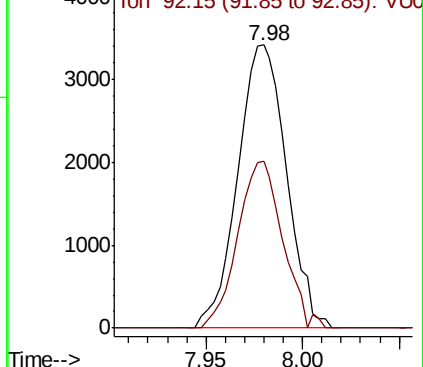
Ion Ratio Lower Upper

91 100

92 59.1 39.3 73.1



Abundance Ion 91.15 (90.85 to 91.85): VU039513.D (-2050) (-)



#59

1,2,3-Trichloropropane

Concen: 1.213 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039519.D

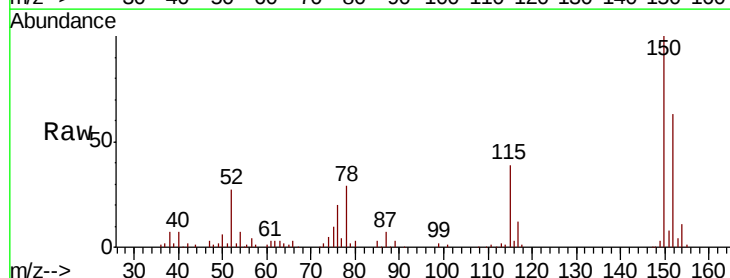
Acq: 16 Jul 2020 13:24

Tgt Ion: 75 Resp: 6416

Ion Ratio Lower Upper

75 100

77 36.3 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU039513.D (-2937) (-)

