

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072420\
 Data File : VU039671.D
 Acq On : 24 Jul 2020 18:01
 Operator : SY/MD
 Sample : L3422-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:51:10 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	206181	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	201688	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	94204	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51450	38.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.66%
7) Chloroethane-d5	1.92	69	60504	37.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.22%
11) 1,1-Dichloroethene-d2	2.58	63	102327	36.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.02%
21) 2-Butanone-d5	4.65	46	138454	89.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.35%
24) Chloroform-d	5.09	84	126267	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.66%
26) 1,2-Dichloroethane-d4	5.72	65	92996	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
32) Benzene-d6	5.75	84	238764	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.28%
36) 1,2-Dichloropropane-d6	6.70	67	80990	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.20%
41) Toluene-d8	7.91	98	217769	41.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.64%
43) trans-1,3-Dichloropropene-	8.19	79	37054	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.94%
47) 2-Hexanone-d5	8.64	63	84911	84.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	121009	41.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.22%
64) 1,2-Dichlorobenzene-d4	12.19	152	89251	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%

Target Compounds

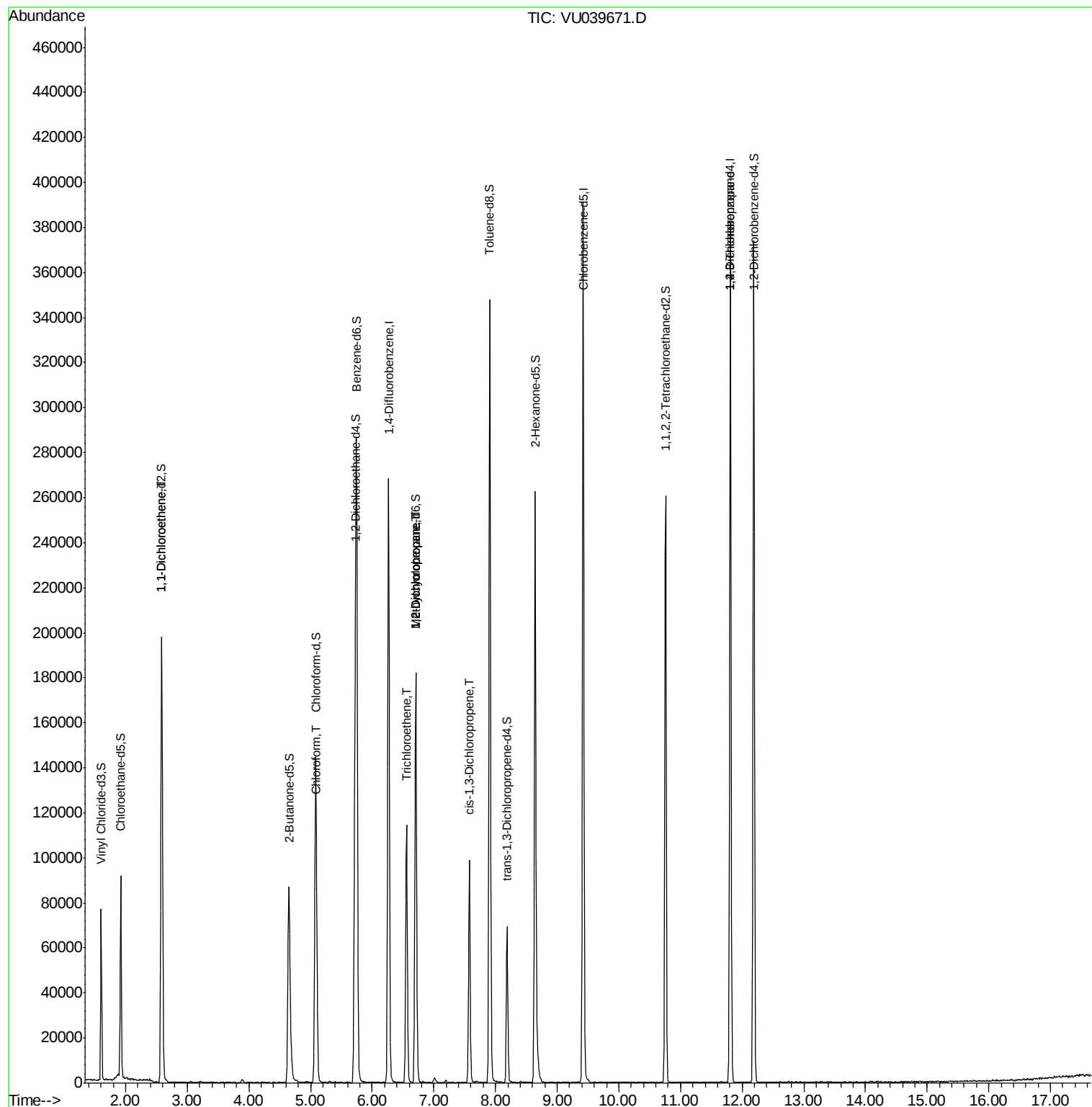
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	24469	20.804	ug/L #	59
25) Chloroform	5.11	83	3861	1.363	ug/L	84
34) Trichloroethene	6.56	95	36527	24.844	ug/L	94
35) Methylcyclohexane	6.70	83	18551	8.160	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	9541	6.340	ug/L #	89
39) cis-1,3-Dichloropropene	7.57	75	3122	1.388	ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	13435	6.152	ug/L #	87

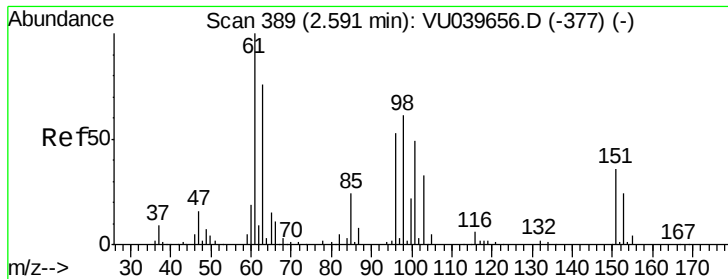
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 25 06:47:25 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.804 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039671.D

Acq: 24 Jul 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

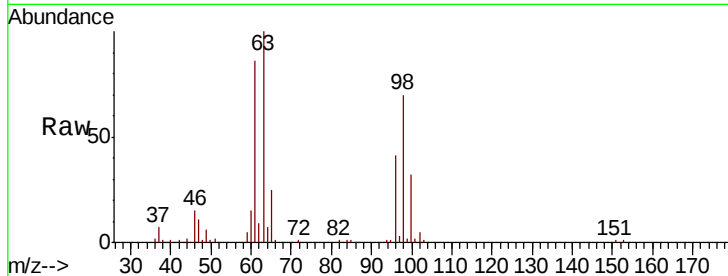
Tot Ion: 96 Resp: 24469

Ion Ratio Lower Upper

96 100

61 208.4 136.6 253.6

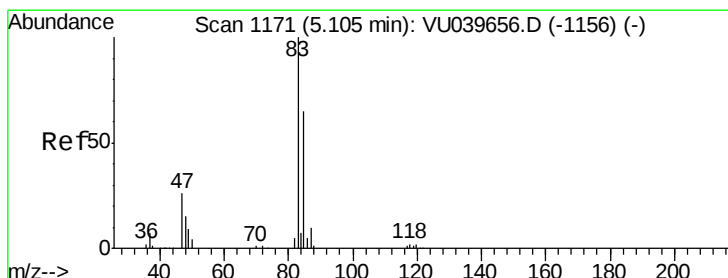
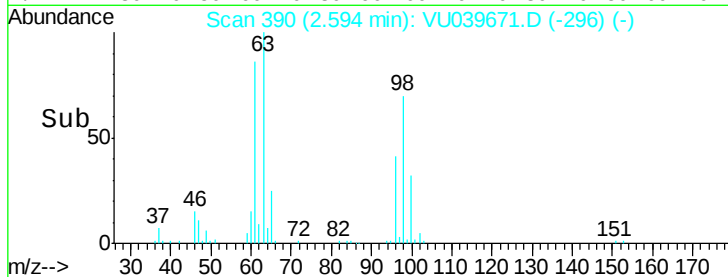
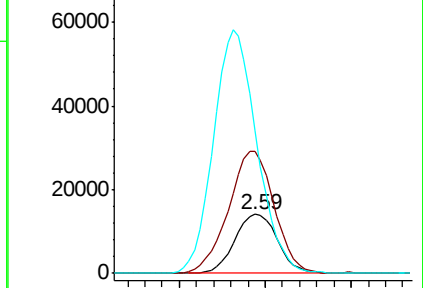
63 242.0 97.2 180.6#



Abundance Ion 96.00 (95.70 to 96.70): VU039671.D (-296) (-)

Ion 61.00 (60.70 to 61.70): VU039671.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VU039671.D (-296) (-)



#25

Chloroform

Concen: 1.363 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU039671.D

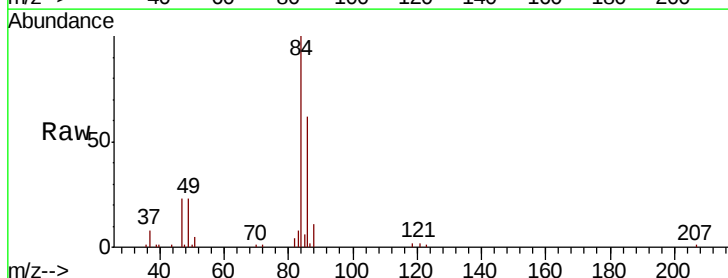
Acq: 24 Jul 2020 18:01

Tgt Ion: 83 Resp: 3861

Ion Ratio Lower Upper

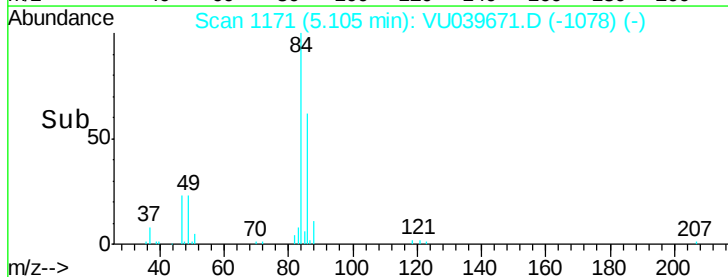
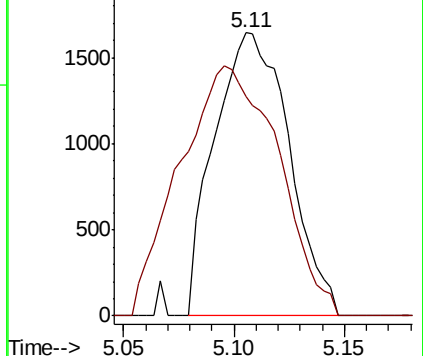
83 100

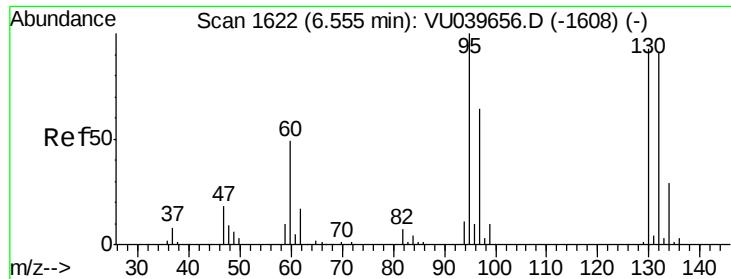
85 77.4 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU039671.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039671.D (-1078) (-)

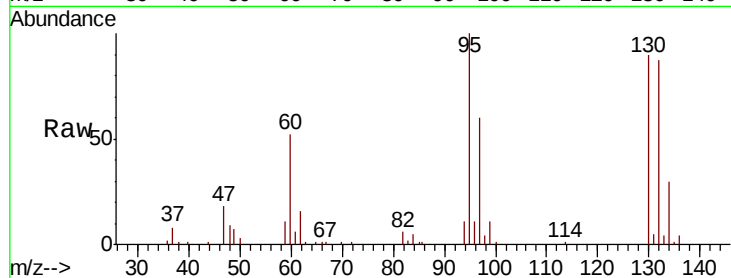




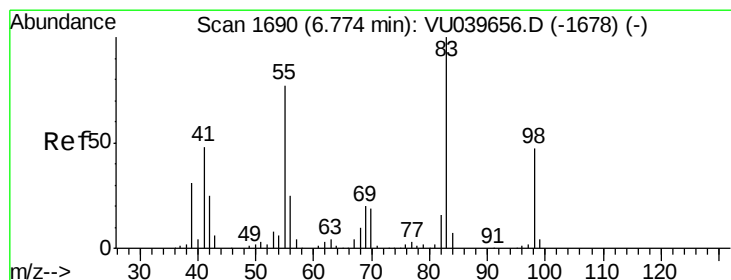
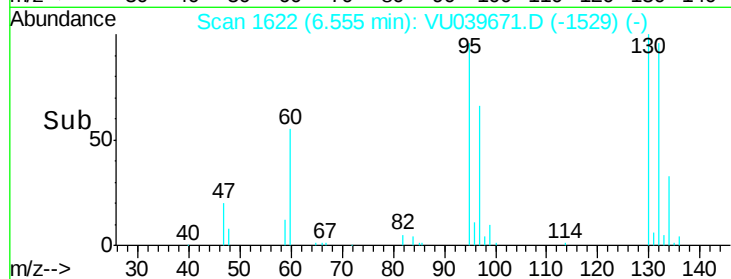
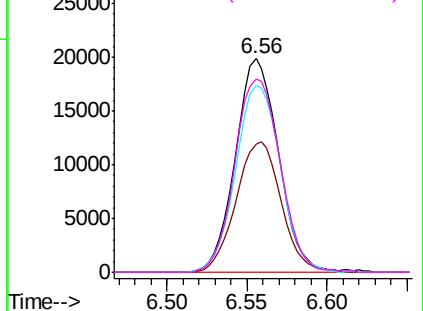
#34
 Trichloroethene
 Concen: 24.844 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039671.D
 Acq: 24 Jul 2020 18:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 36527
 Ion Ratio Lower Upper
 95 100
 97 60.0 45.5 84.5
 132 87.2 65.0 120.6
 130 90.4 67.9 126.1

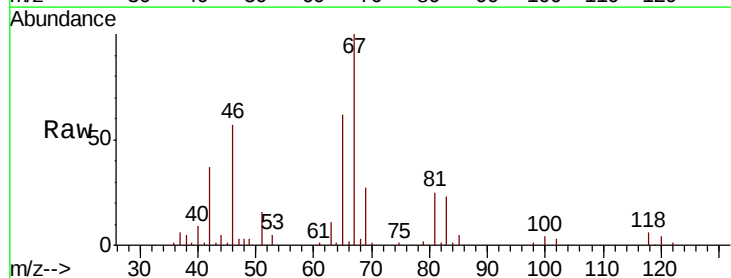


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

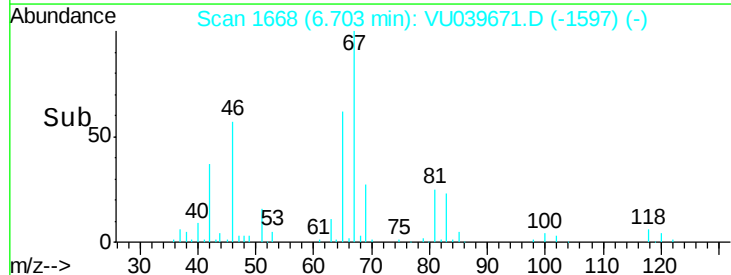
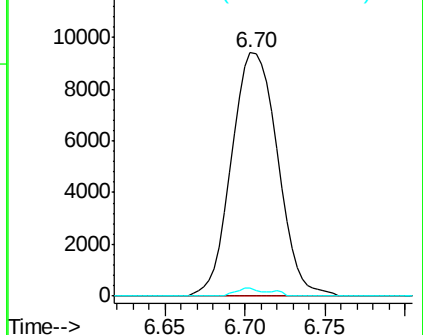


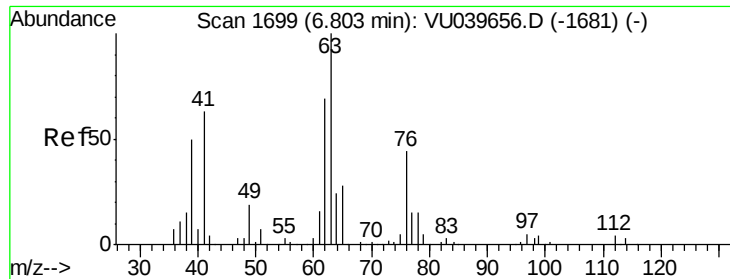
#35
 Methylcyclohexane
 Concen: 8.160 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU039671.D
 Acq: 24 Jul 2020 18:01

Tgt Ion: 83 Resp: 18551
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.9 94.3#
 98 1.7 36.3 54.5#



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

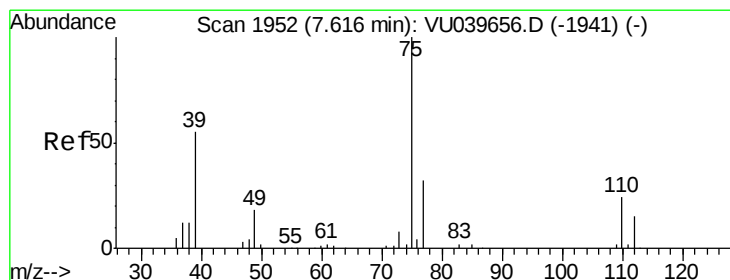
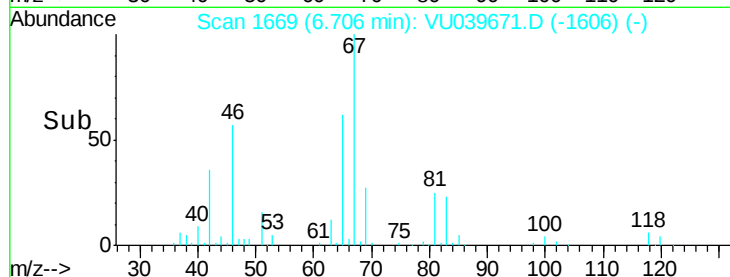
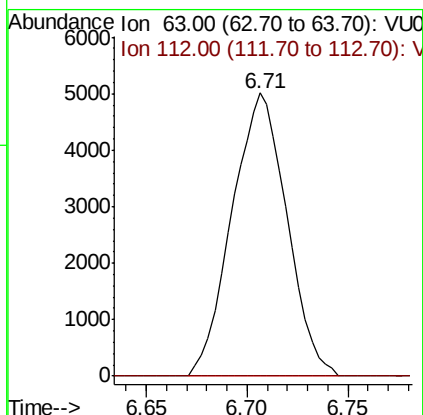
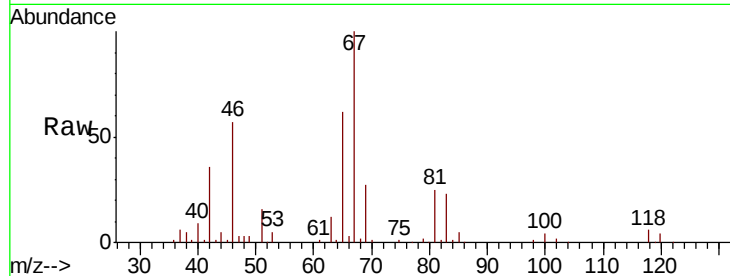




#37
 1,2-Dichloropropane
 Concen: 6.340 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039671.D
 Acq: 24 Jul 2020 18:01

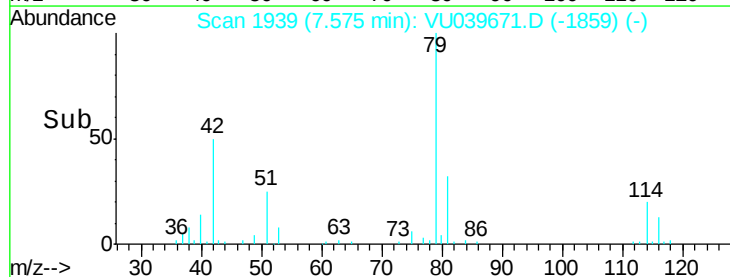
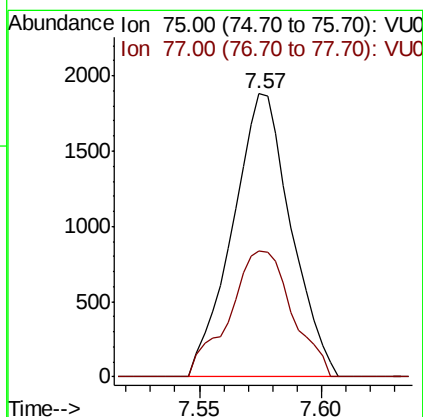
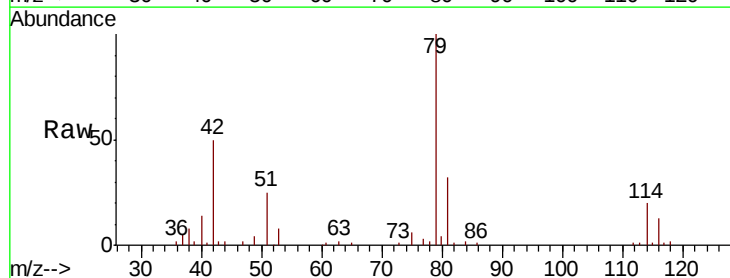
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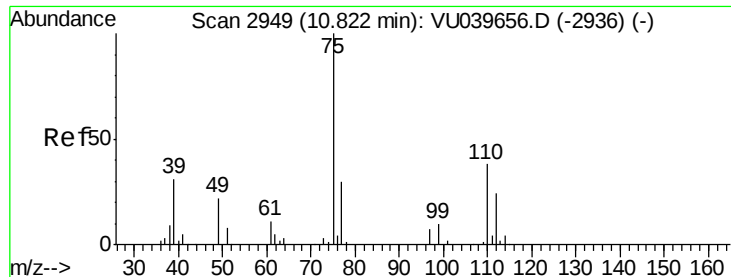
Tot Ion: 63 Resp: 9541
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.388 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039671.D
 Acq: 24 Jul 2020 18:01

Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 77 44.5 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 6.152 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039671.D

Acq: 24 Jul 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13435

Ion Ratio Lower Upper

75 100

77 39.2 25.4 38.2#

