

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039667.D
 Acq On : 24 Jul 2020 16:33
 Operator : SY/MD
 Sample : L3422-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:50:31 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	162237	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	154477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52160	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.76%
7) Chloroethane-d5	1.92	69	55365	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.48%
11) 1,1-Dichloroethene-d2	2.58	63	90710	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.14%
21) 2-Butanone-d5	4.65	46	135192	110.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.87%
24) Chloroform-d	5.09	84	130039	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.50%
26) 1,2-Dichloroethane-d4	5.72	65	93245	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.86%
32) Benzene-d6	5.74	84	246317	57.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.86%
36) 1,2-Dichloropropane-d6	6.71	67	80431	57.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.36%
41) Toluene-d8	7.91	98	224058	55.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.02%
43) trans-1,3-Dichloropropene-	8.19	79	37499	52.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.64%
47) 2-Hexanone-d5	8.64	63	84650	110.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.32%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	121589	54.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.18%
64) 1,2-Dichlorobenzene-d4	12.19	152	89300	56.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.48%

Target Compounds

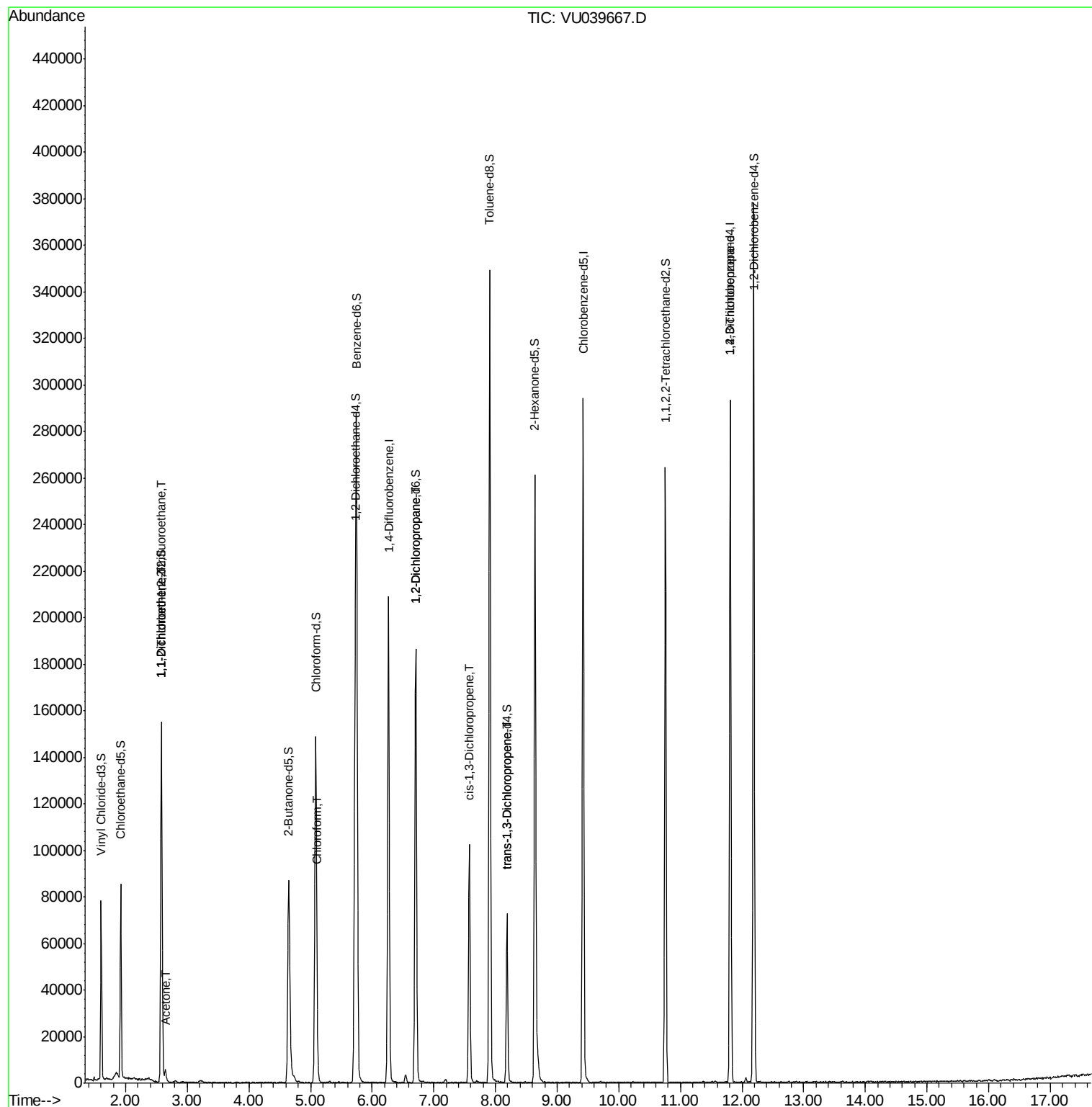
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	851	0.857	ug/L #	19
12) 1,1-Dichloroethene	2.58	96	776	0.838	ug/L #	1
13) Acetone	2.65	43	6294	7.756	ug/L	97
25) Chloroform	5.11	83	2505	1.124	ug/L	94
37) 1,2-Dichloropropane	6.70	63	9718	8.431	ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	3064	1.779	ug/L #	73
44) trans-1,3-Dichloropropene	8.19	75	2151	1.275	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	10724	6.412	ug/L #	86

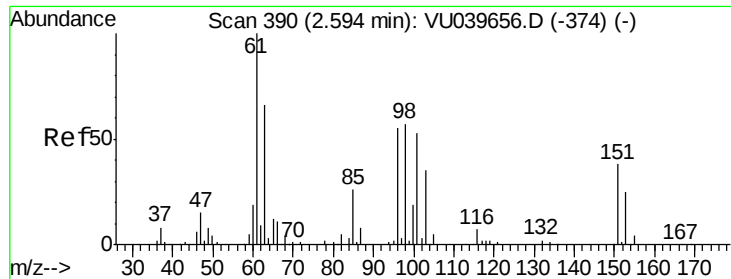
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.857 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU039667.D

Acq: 24 Jul 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

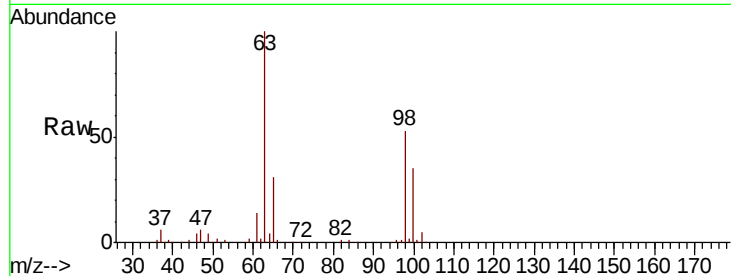
Tot Ion:101 Resp: 851

Ion Ratio Lower Upper

101 100

85 0.0 39.7 59.5#

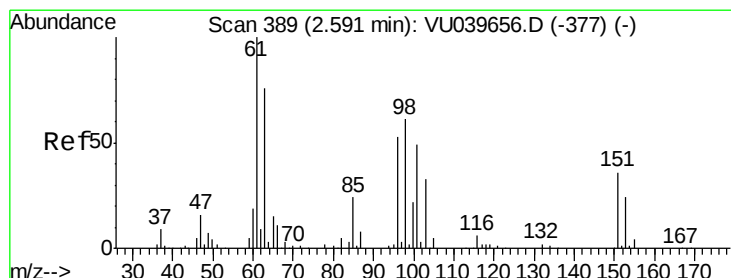
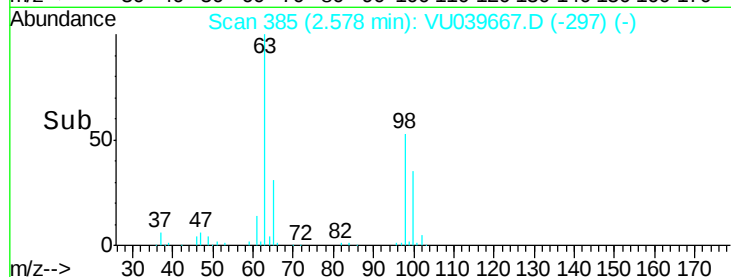
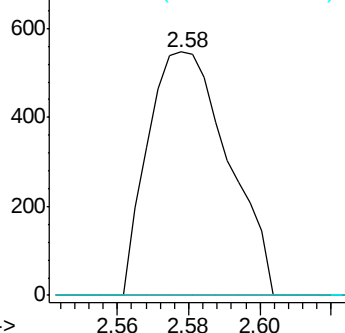
151 0.0 57.4 86.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.838 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU039667.D

Acq: 24 Jul 2020 16:33

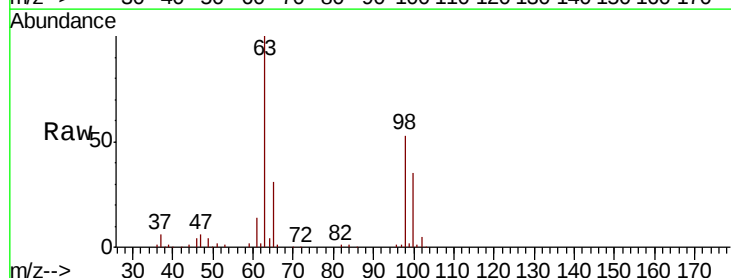
Tgt Ion: 96 Resp: 776

Ion Ratio Lower Upper

96 100

61 1450.4 136.6 253.6#

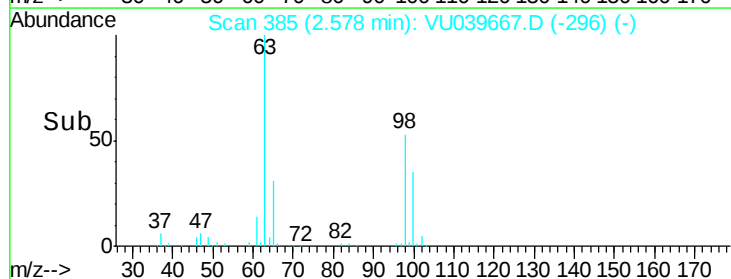
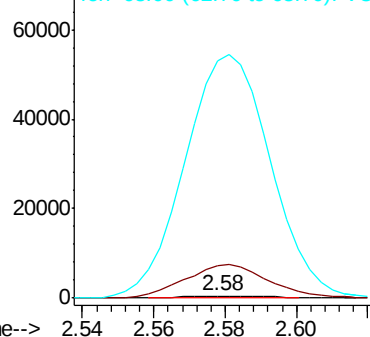
63 10461.4 97.2 180.6#

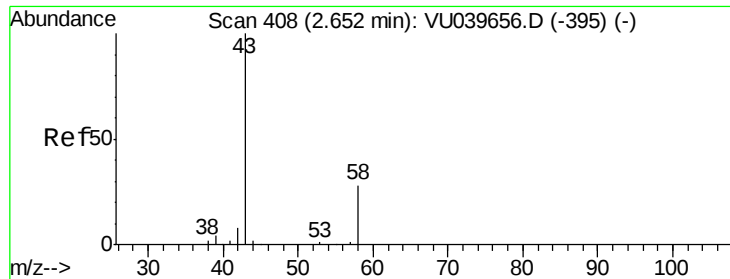


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.756 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU039667.D

Acq: 24 Jul 2020 16:33

Instrument :

MSVOA_U

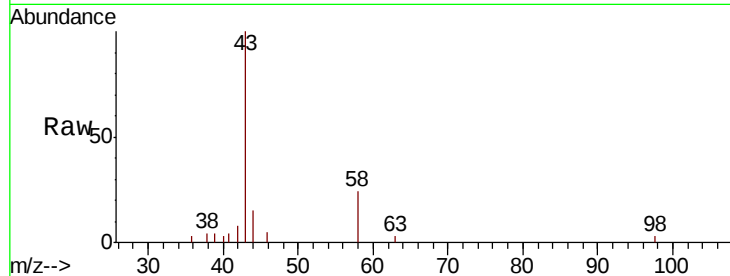
ClientSampleId :

Tot Ion: 43 Resp: 6294

Ion Ratio Lower Upper

43 100

58 27.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU039667.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU039667.D (-315) (-)

2.65

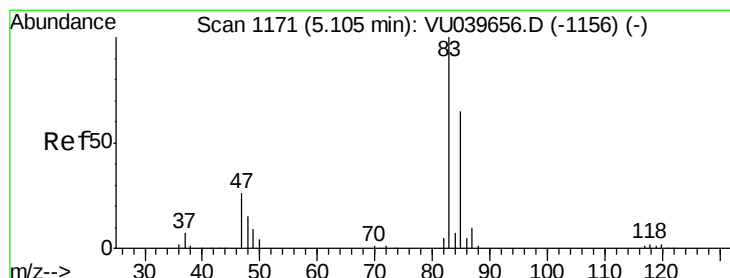
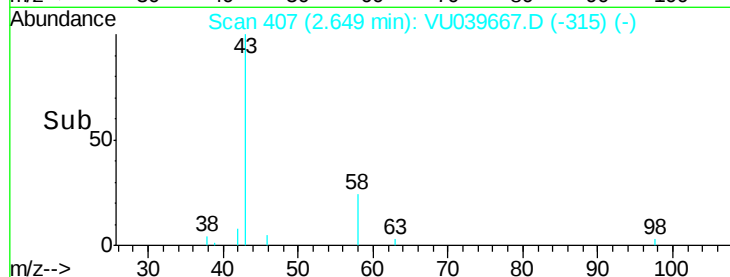
3000

2000

1000

0

Time-->



#25

Chloroform

Concen: 1.124 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039667.D

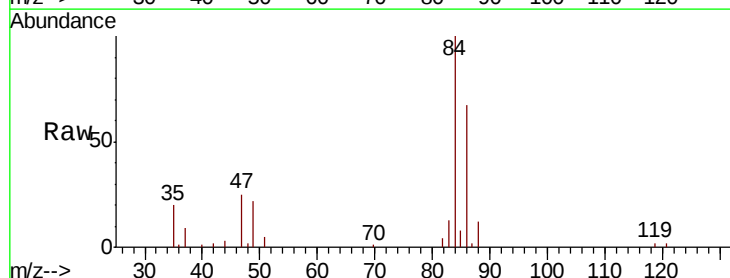
Acq: 24 Jul 2020 16:33

Tgt Ion: 83 Resp: 2505

Ion Ratio Lower Upper

83 100

85 60.2 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU039667.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039667.D (-1078) (-)

5.11

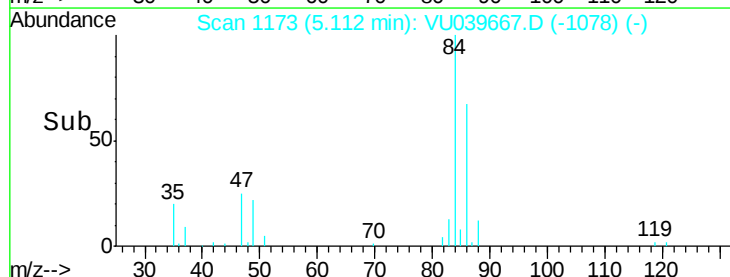
1500

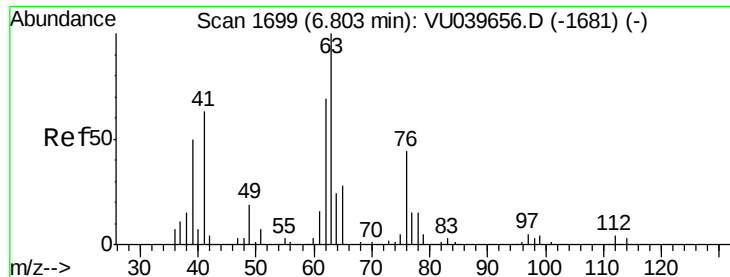
1000

500

0

Time-->

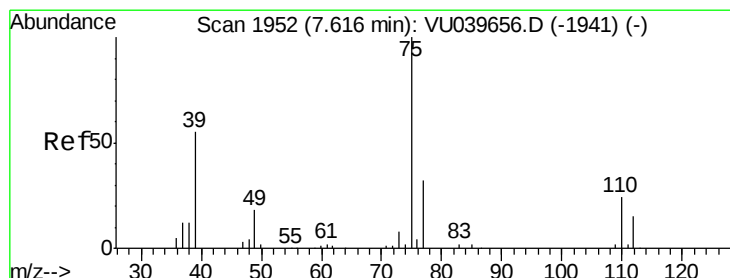
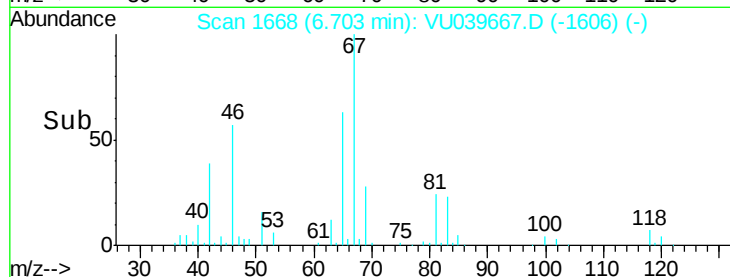
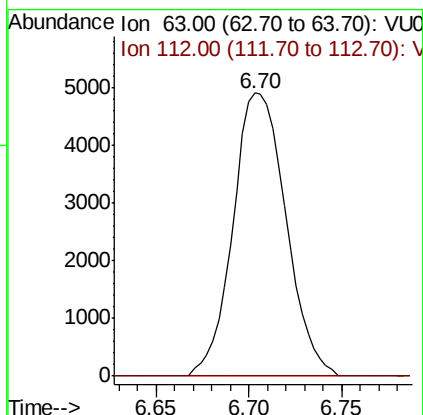
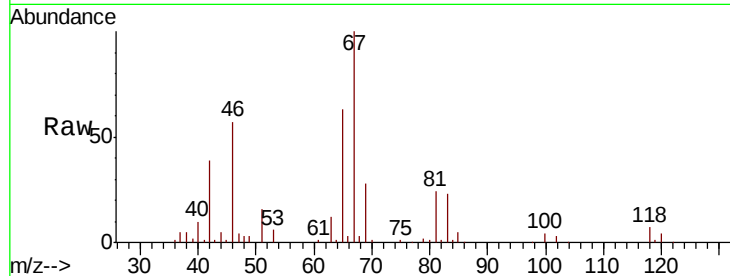




#37
 1,2-Dichloropropane
 Concen: 8.431 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039667.D
 Acq: 24 Jul 2020 16:33

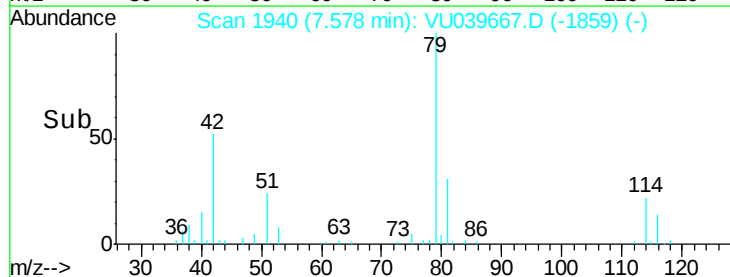
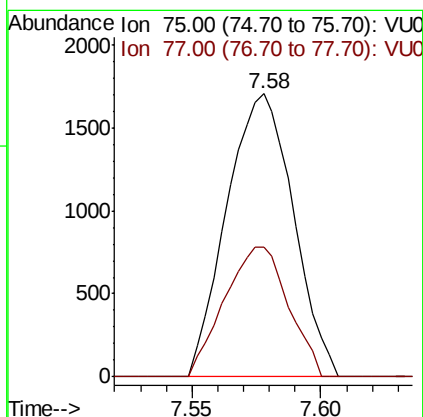
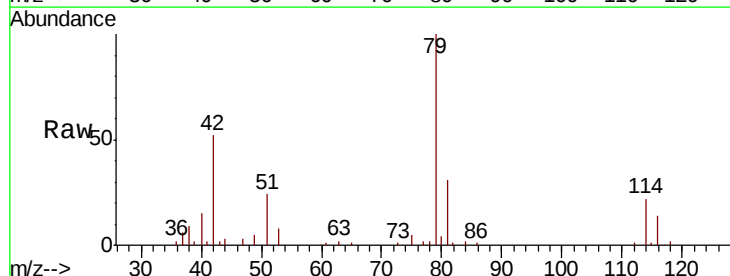
Instrument :
 MSVOA_U
 ClientSampled :

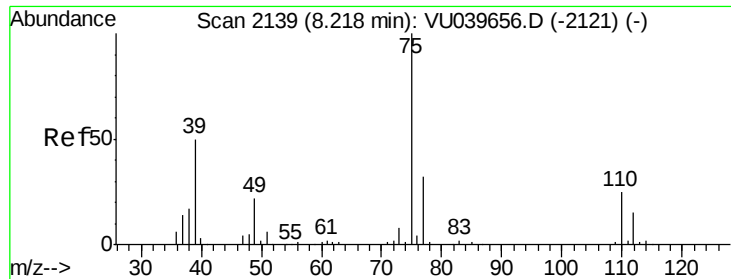
Tot Ion: 63 Resp: 9718
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.779 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039667.D
 Acq: 24 Jul 2020 16:33

Tgt Ion: 75 Resp: 3064
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 1.275 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU039667.D

Acq: 24 Jul 2020 16:33

Instrument :

MSVOA_U

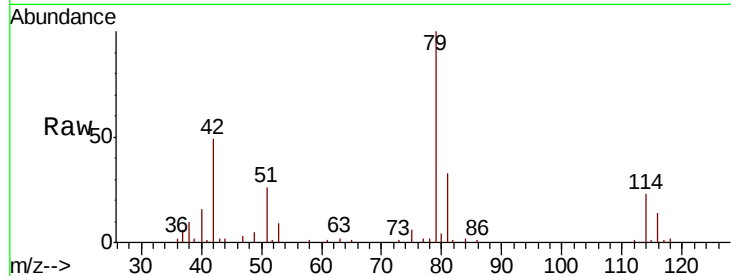
ClientSampleId :

Tot Ion: 75 Resp: 2151

Ion Ratio Lower Upper

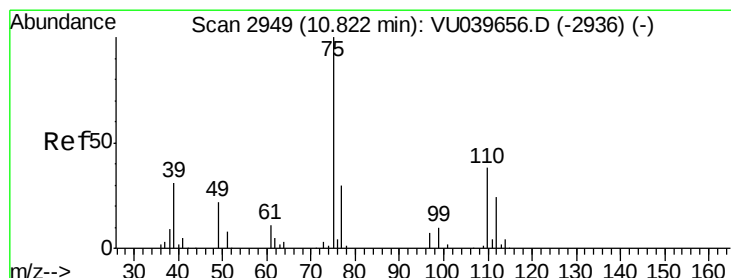
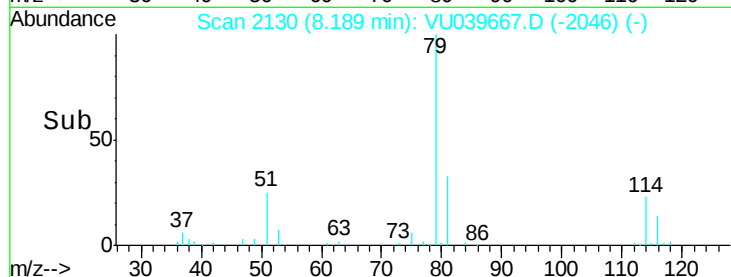
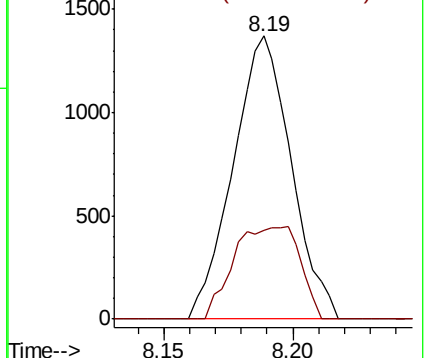
75 100

77 31.5 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 6.412 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039667.D

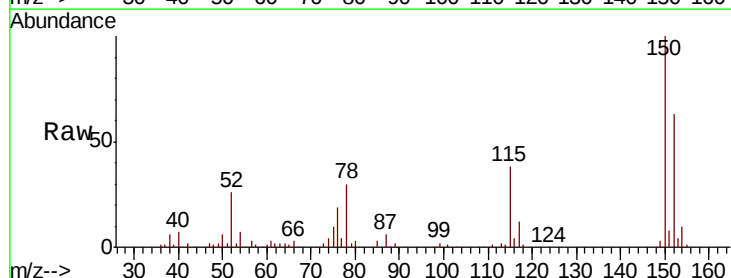
Acq: 24 Jul 2020 16:33

Tgt Ion: 75 Resp: 10724

Ion Ratio Lower Upper

75 100

77 39.4 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

