

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\
 Data File : VU039624.D
 Acq On : 22 Jul 2020 12:27
 Operator : SY/MD
 Sample : L3346-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C22

Quant Time: Jul 23 01:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 01:28:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	99399	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42894	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30122	6.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.60%#
7) Chloroethane-d5	1.93	69	27049	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.58	63	49000	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	4.66	46	116960	56.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	5.08	84	65360	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.72	65	41251	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.75	84	125097	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.71	67	41378	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.91	98	110496	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.19	79	15304	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	80411	50.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.10%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33938	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	42327	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

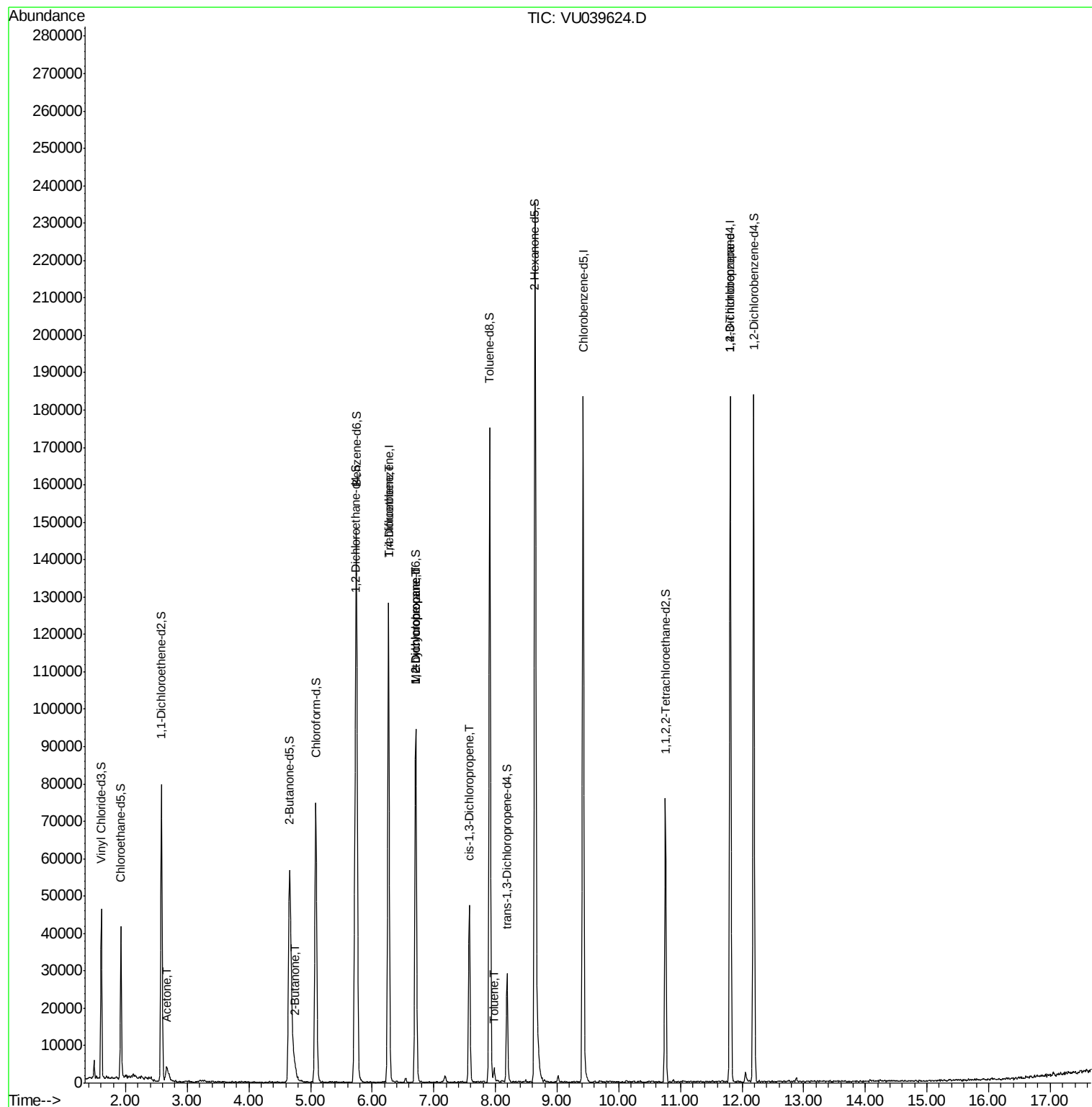
					Ovalue
13) Acetone	2.66	43	8252	7.125	ug/L 100
21) 2-Butanone	4.75	43	3782	1.885	ug/L 91
34) Trichloroethene	6.27	95	1977	0.313	ug/L # 9
35) Methylcyclohexane	6.71	83	9196	0.990	ug/L # 18
37) 1,2-Dichloropropane	6.71	63	4894	0.766	ug/L # 90
39) cis-1,3-Dichloropropene	7.58	75	1488	0.162	ug/L 83
42) Toluene	7.98	91	2582	0.103	ug/L 100
59) 1,2,3-Trichloropropane	11.81	75	6488	1.385	ug/L # 86

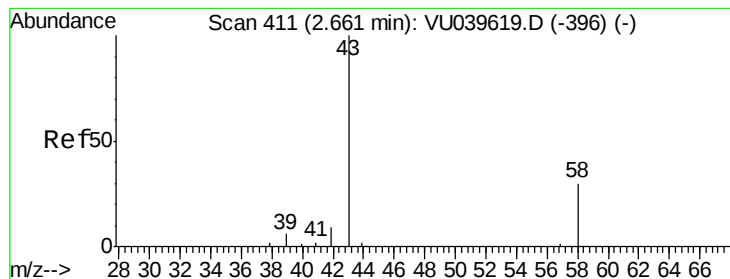
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.125 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU039624.D

Acq: 22 Jul 2020 12:27

Instrument :

MSVOA_U

ClientSampleId :

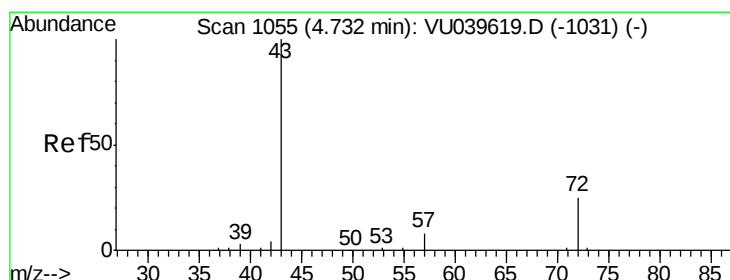
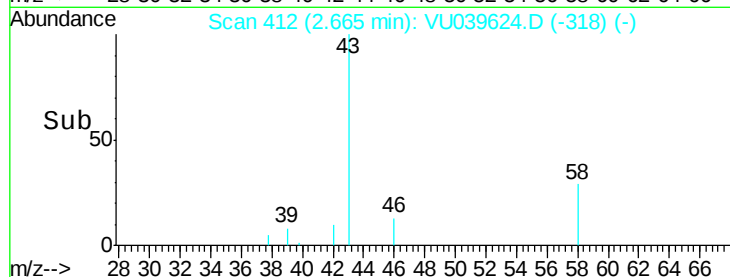
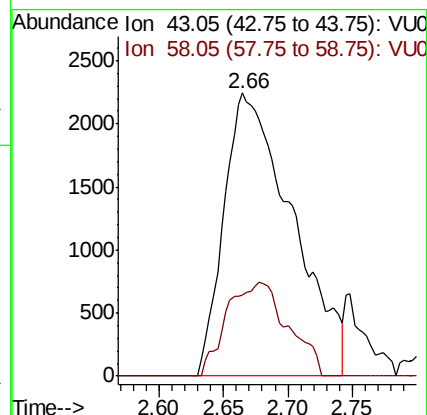
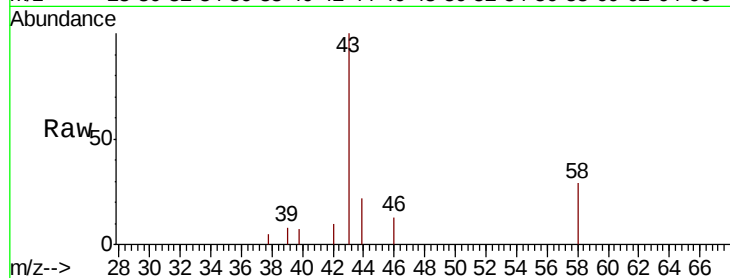
F4C22

Tot Ion: 43 Resp: 8252

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.0



#21

2-Butanone

Concen: 1.885 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.02 min

Lab File: VU039624.D

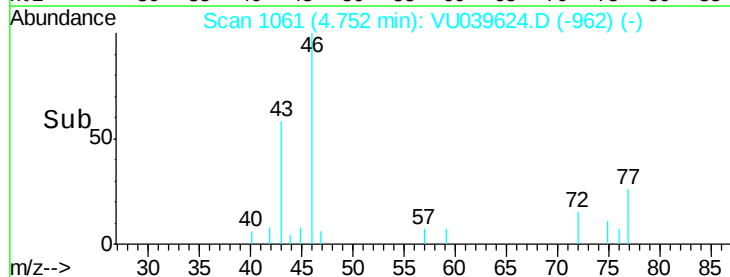
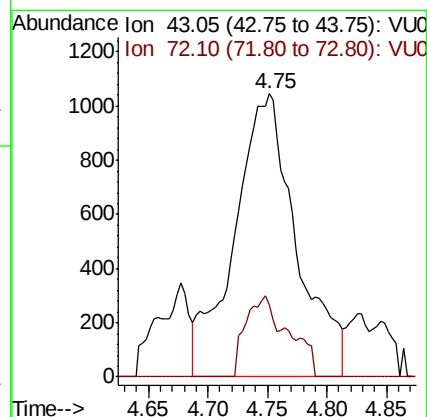
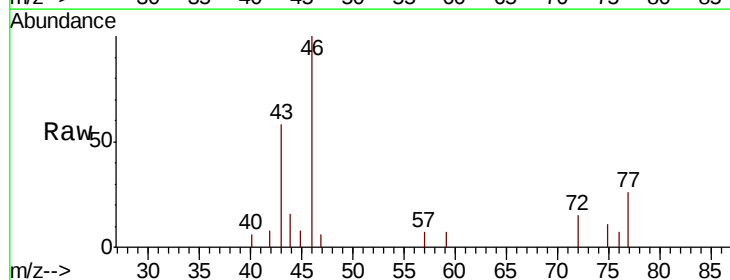
Acq: 22 Jul 2020 12:27

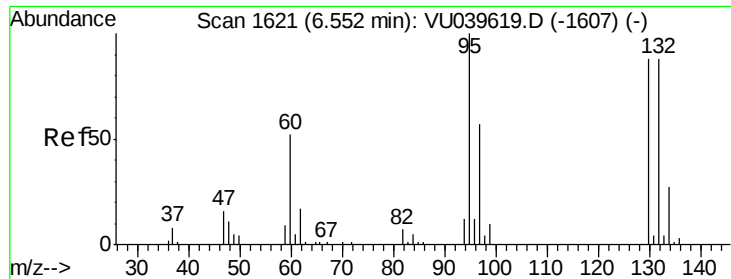
Tgt Ion: 43 Resp: 3782

Ion Ratio Lower Upper

43 100

72 19.6 12.2 36.4

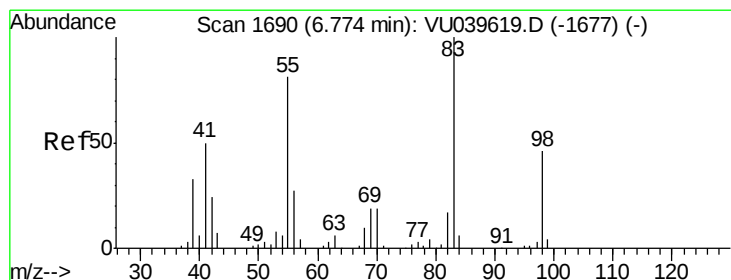
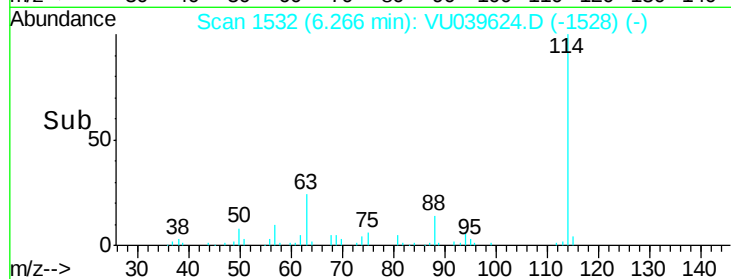
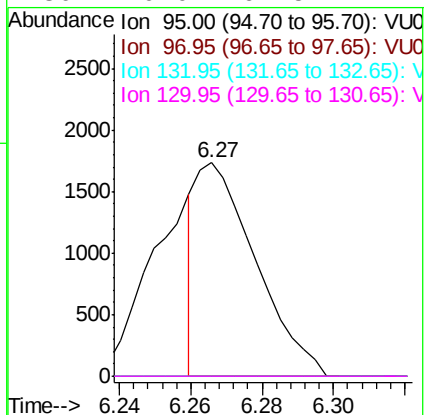
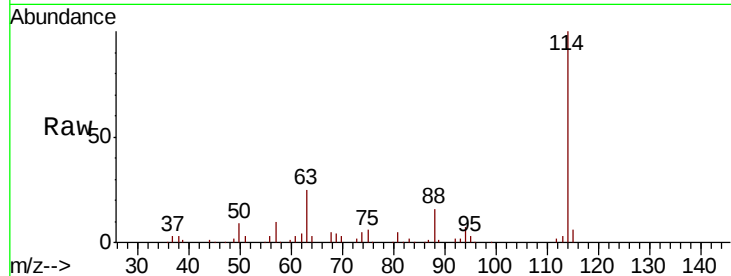




#34
 Trichloroethene
 Concen: 0.313 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU039624.D
 Acq: 22 Jul 2020 12:27

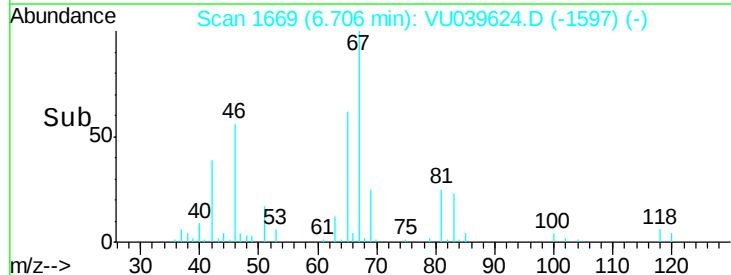
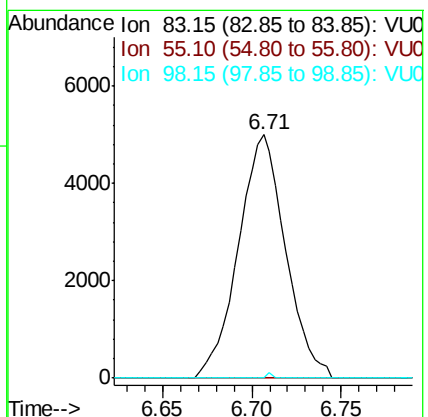
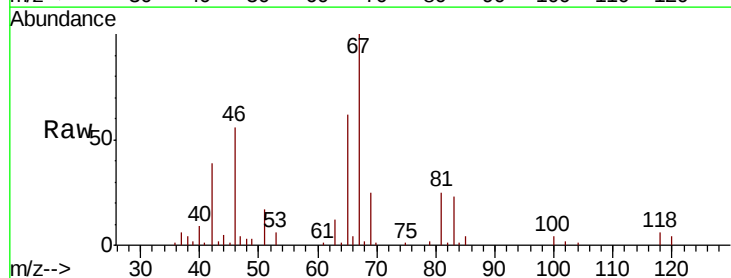
Instrument :
 MSVOA_U
 ClientSampleId :
 F4C22

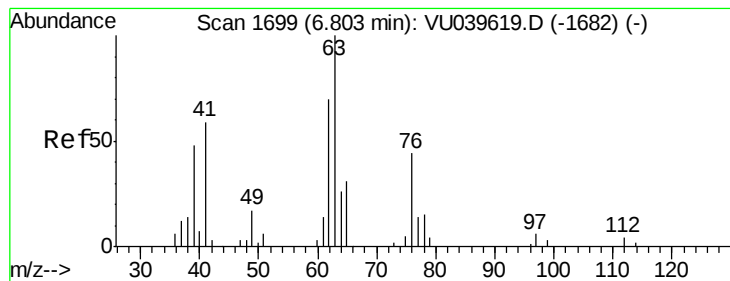
Tot Ion:	95	Resp:	1977
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.9	83.3#
132	0.0	62.8	116.6#
130	0.0	61.5	114.1#



#35
 Methylcyclohexane
 Concen: 0.990 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU039624.D
 Acq: 22 Jul 2020 12:27

Tgt Ion:	83	Resp:	9196
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.0	94.6#
98	0.2	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.766 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039624.D

Acq: 22 Jul 2020 12:27

Instrument :

MSVOA_U

ClientSampleId :

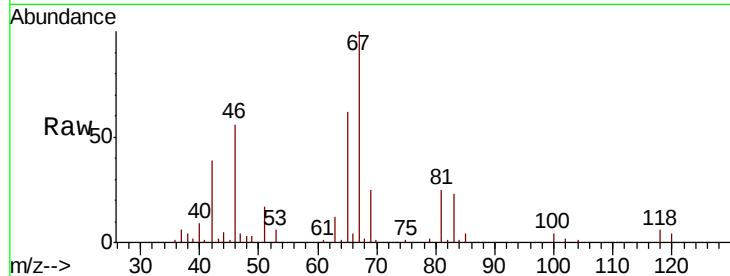
F4C22

Tot Ion: 63 Resp: 4894

Ion Ratio Lower Upper

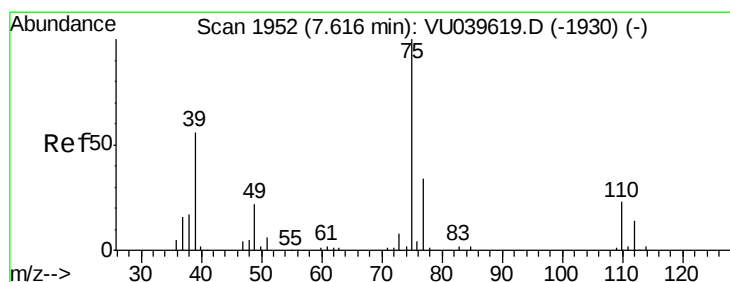
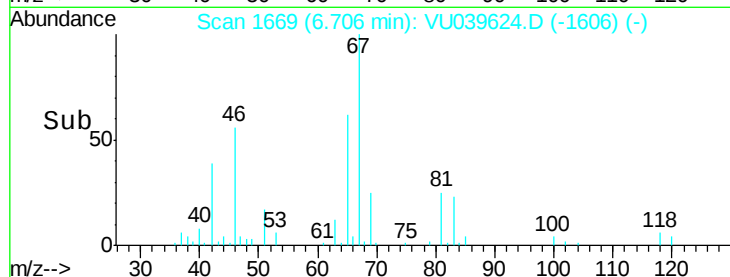
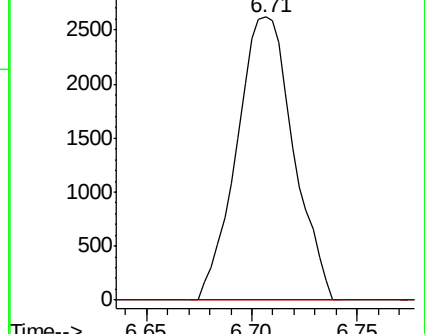
63 100

112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU039619.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU039619.D (-1682) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.162 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039624.D

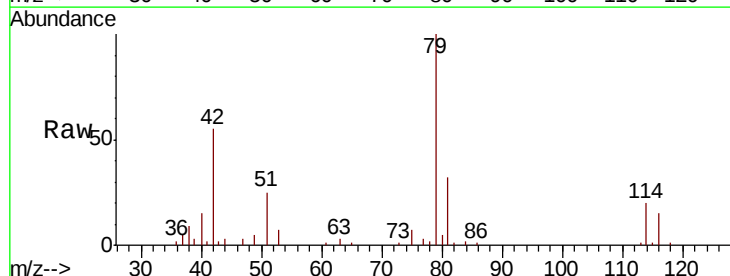
Acq: 22 Jul 2020 12:27

Tgt Ion: 75 Resp: 1488

Ion Ratio Lower Upper

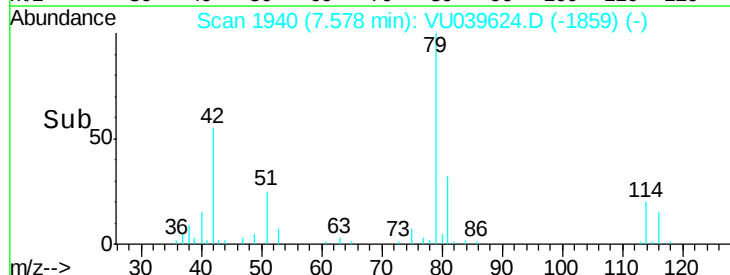
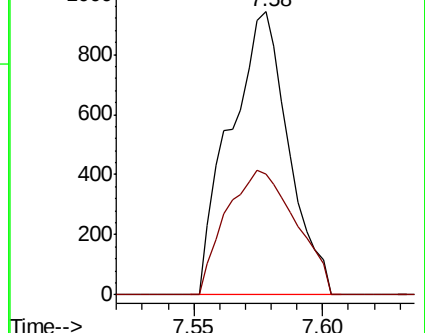
75 100

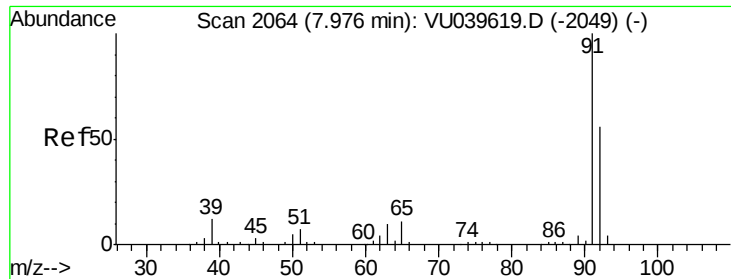
77 42.9 23.2 43.0



Abundance Ion 75.05 (74.75 to 75.75): VU039619.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039619.D (-1930) (-)





#42

Toluene

Concen: 0.103 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039624.D

Acq: 22 Jul 2020 12:27

Instrument :

MSVOA_U

ClientSampleId :

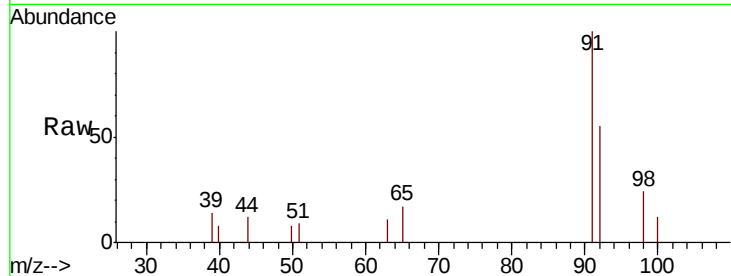
F4C22

Tot Ion: 91 Resp: 2582

Ion Ratio Lower Upper

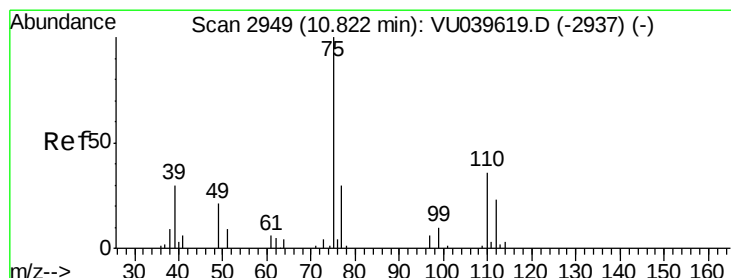
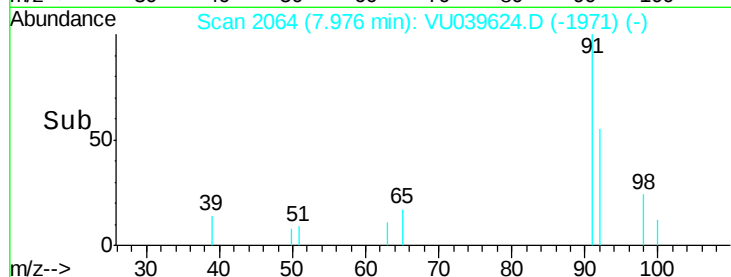
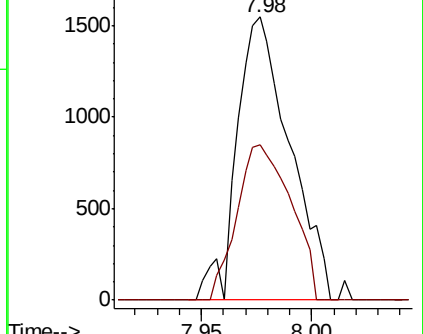
91 100

92 54.9 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU039619.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU039619.D (-2049) (-)



#59

1,2,3-Trichloropropane

Concen: 1.385 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039624.D

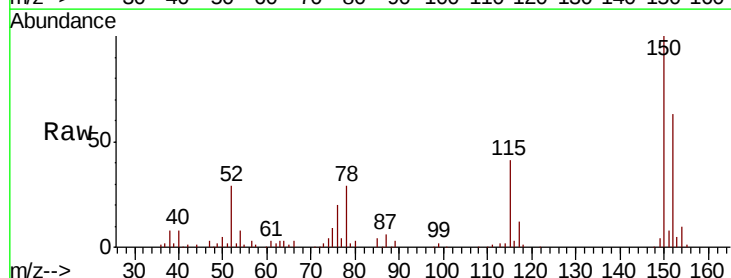
Acq: 22 Jul 2020 12:27

Tgt Ion: 75 Resp: 6488

Ion Ratio Lower Upper

75 100

77 39.7 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU039619.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039619.D (-2937) (-)

