

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038271.D
 Acq On : 21 May 2020 17:48
 Operator : JC/MD
 Sample : L2724-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 22 01:06:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	475022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	458449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	220671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122015	2.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.20%
7) Chloroethane-d5	1.93	69	137312	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.00%
11) 1,1-Dichloroethene-d2	2.59	63	187690	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.66	46	521275	48.63	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	5.10	84	286729	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.74	65	169669	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.76	84	599357	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	195989	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.92	98	526528	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	68285	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.65	63	475791	56.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	168236	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	207764	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

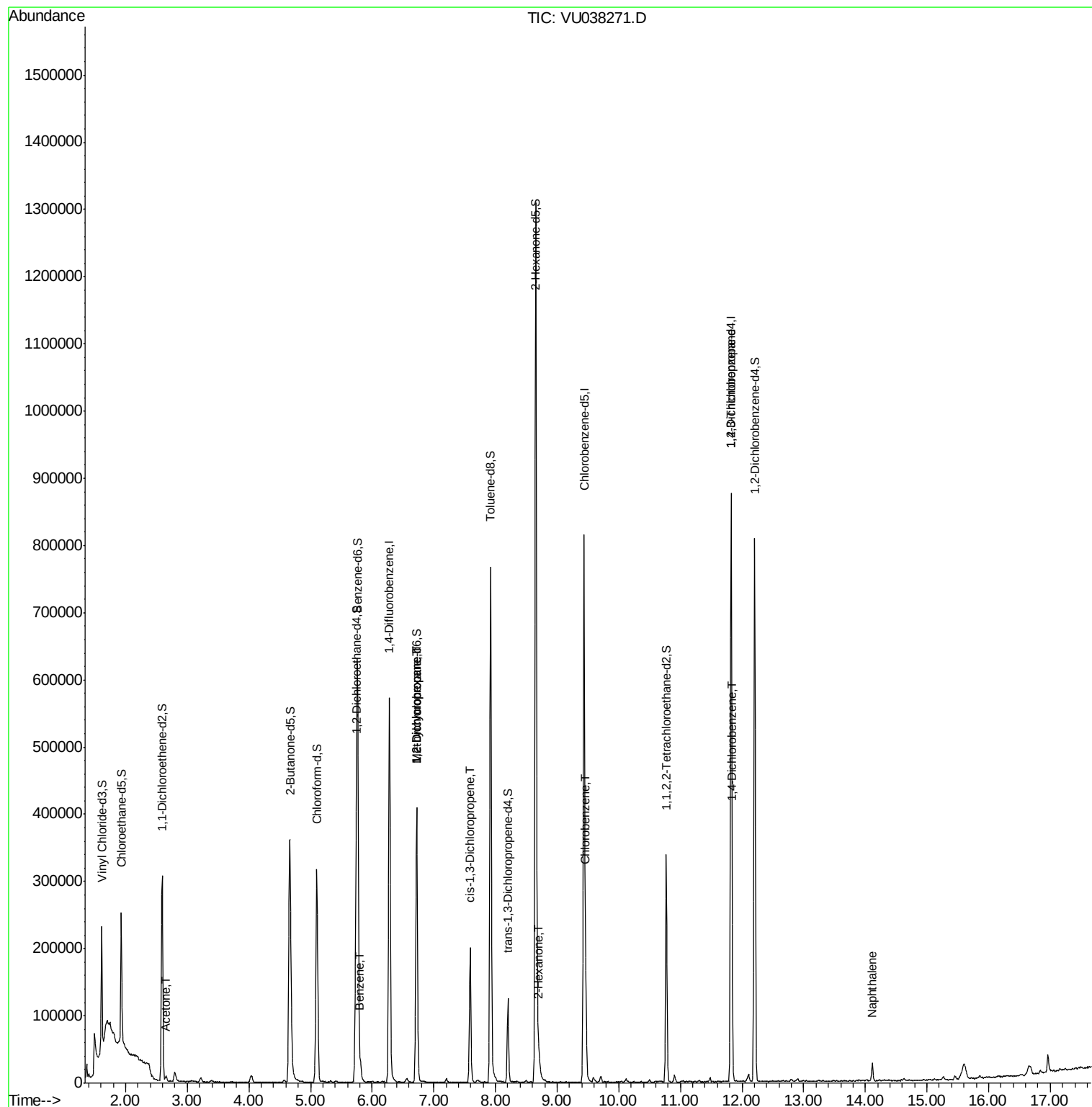
					Ovalue
13) Acetone	2.66	43	9663	1.437 ug/L	99
33) Benzene	5.81	78	22875	0.156 ug/L	100
35) Methylcyclohexane	6.72	83	45182	0.760 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	20856	0.523 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4832	0.085 ug/L #	69
48) 2-Hexanone	8.71	43	22102	1.092 ug/L #	89
51) Chlorobenzene	9.47	112	63948	0.665 ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	31694	1.184 ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	9040	0.124 ug/L	92
69) Naphthalene	14.11	128	22574	0.227 ug/L	99

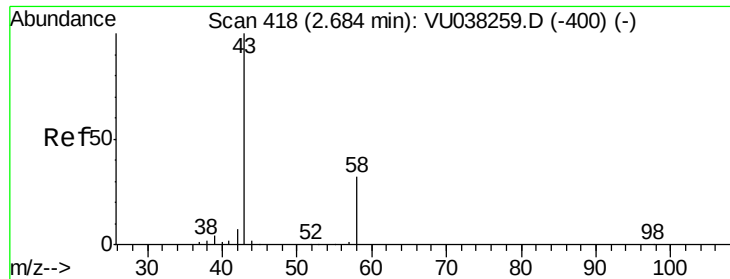
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.437 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038271.D

Acq: 21 May 2020 17:48

Instrument :

MSVOA_U

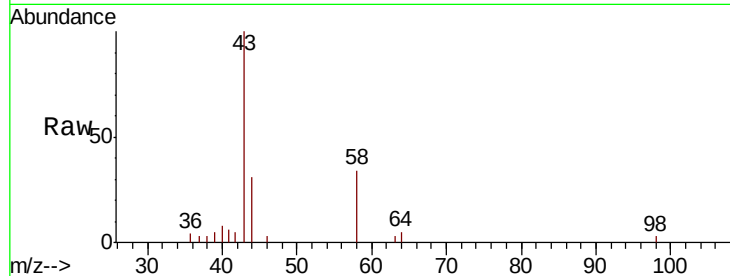
ClientSampled :

Tot Ion: 43 Resp: 9663

Ion Ratio Lower Upper

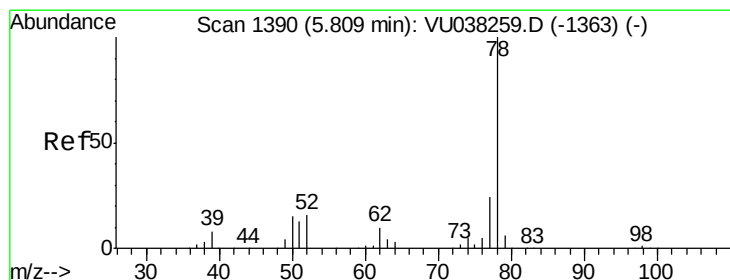
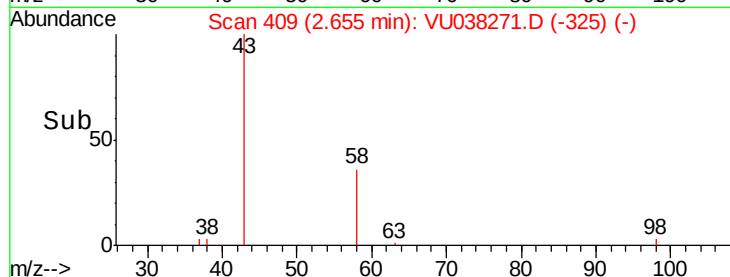
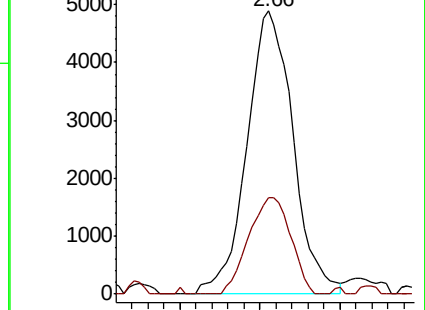
43 100

58 31.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038259.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038259.D (-400) (-)



#33

Benzene

Concen: 0.156 ug/L

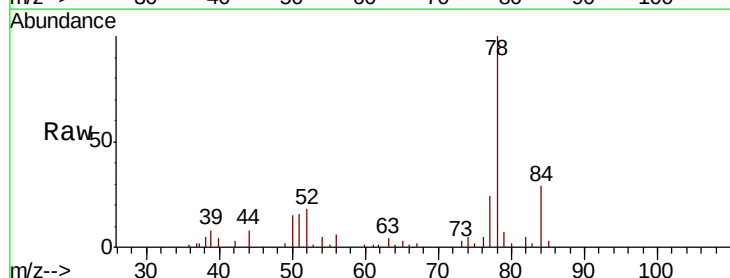
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038271.D

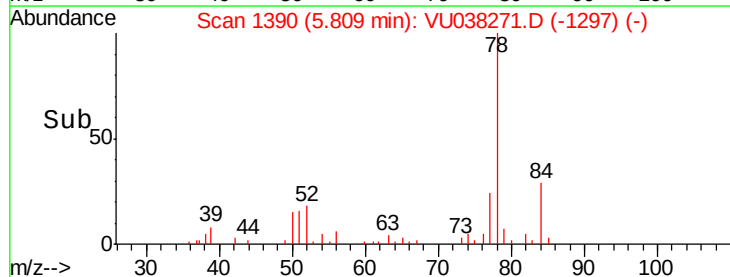
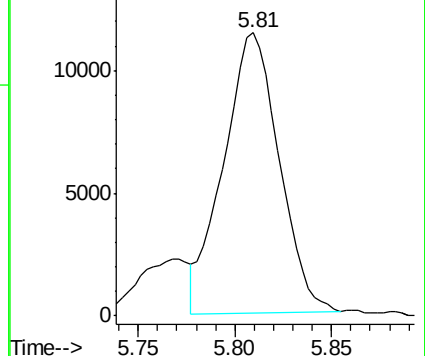
Acq: 21 May 2020 17:48

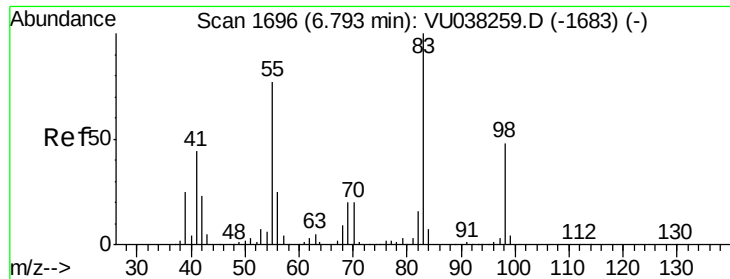
Tgt Ion: 78 Resp: 22875



Abundance Ion 78.10 (77.80 to 78.80): VU038259.D (-1363) (-)

Ion 84.10 (83.80 to 84.80): VU038259.D (-1363) (-)

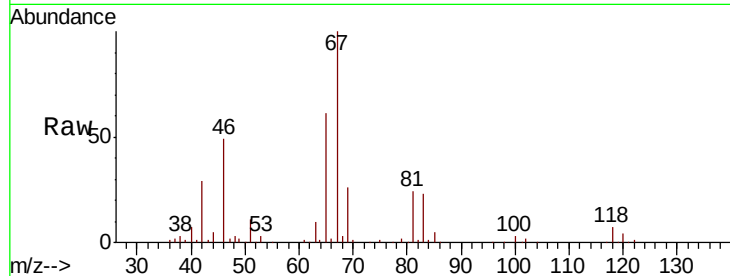




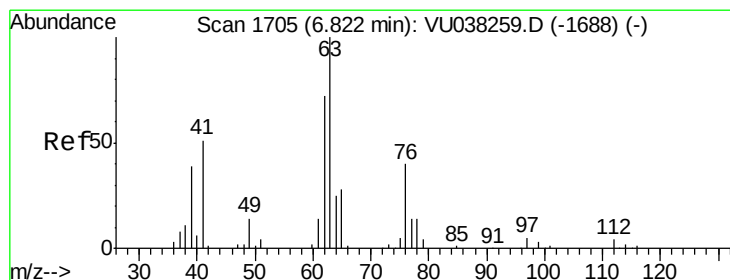
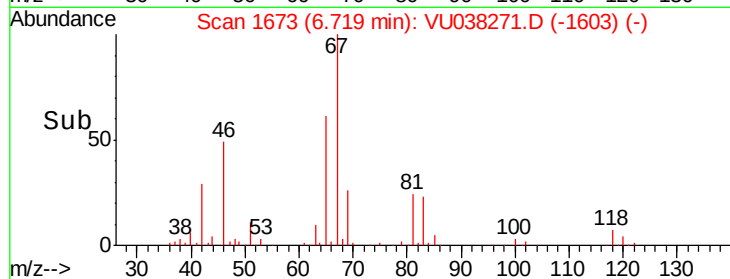
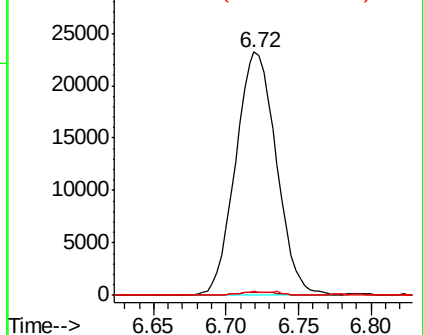
#35
Methylvlcyclohexane
Concen: 0.760 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038271.D
Acq: 21 May 2020 17:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 45182
Ion Ratio Lower Upper
83 100
55 1.1 66.7 100.1#
98 1.4 39.4 59.2#

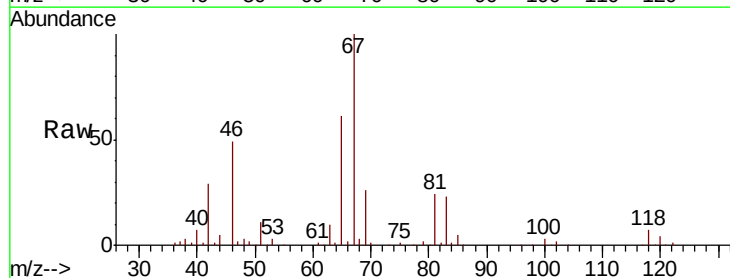


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

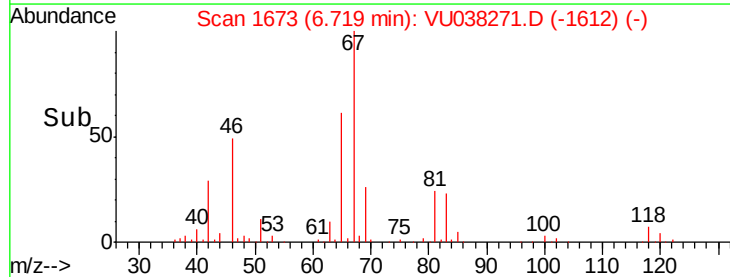
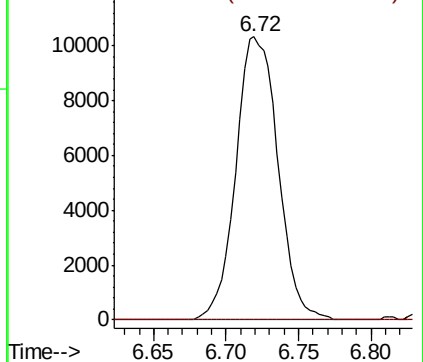


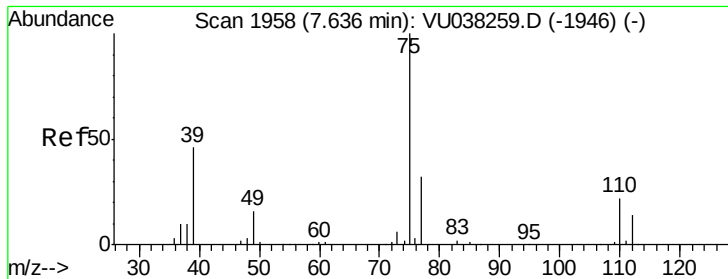
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038271.D
Acq: 21 May 2020 17:48

Tgt Ion: 63 Resp: 20856
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

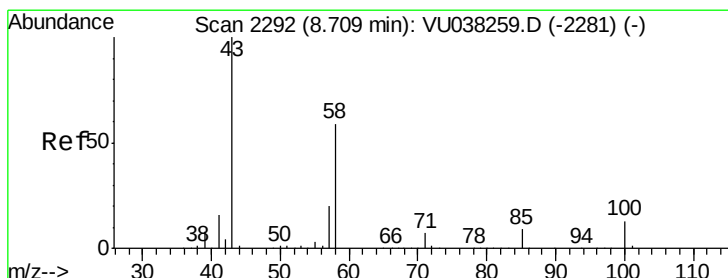
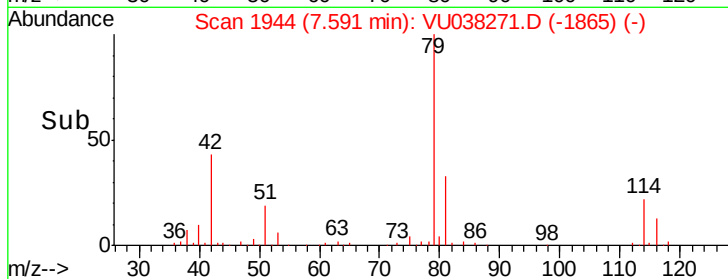
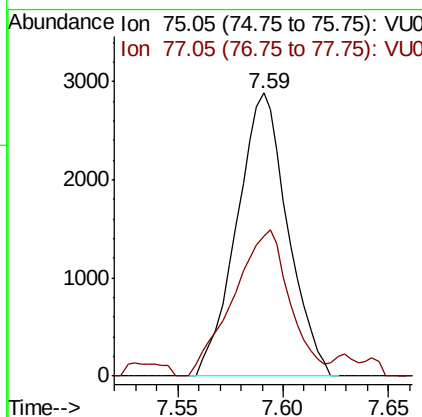
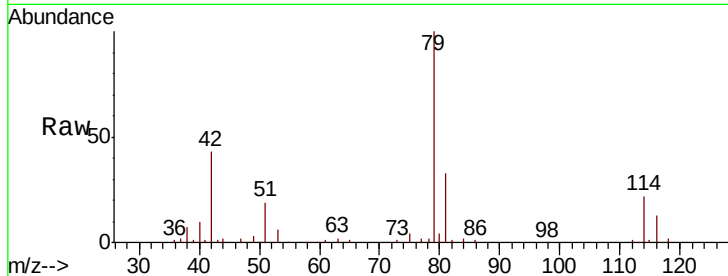




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038271.D
 Acq: 21 May 2020 17:48

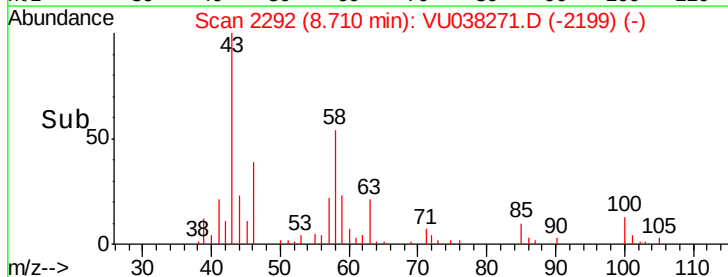
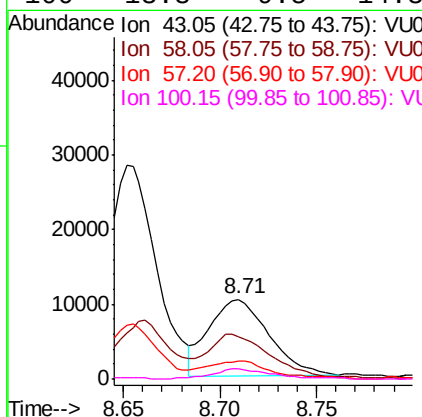
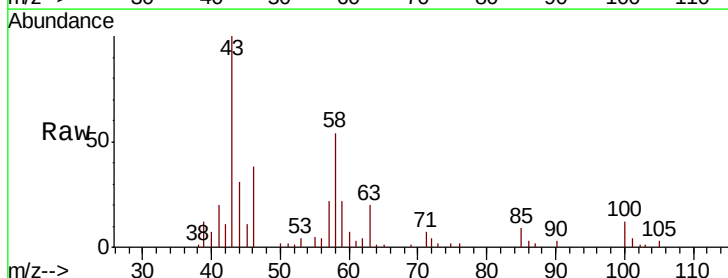
Instrument :
 MSVOA_U
 ClientSampleId :

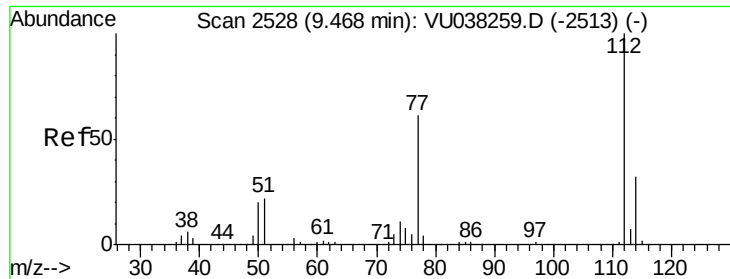
Tot Ion: 75 Resp: 4832
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.092 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038271.D
 Acq: 21 May 2020 17:48

Tgt Ion: 43 Resp: 22102
 Ion Ratio Lower Upper
 43 100
 58 64.4 45.2 67.8
 57 26.0 15.5 23.3#
 100 13.3 9.5 14.3





#51

Chlorobenzene

Concen: 0.665 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038271.D

Acq: 21 May 2020 17:48

Instrument :

MSVOA_U

ClientSampled :

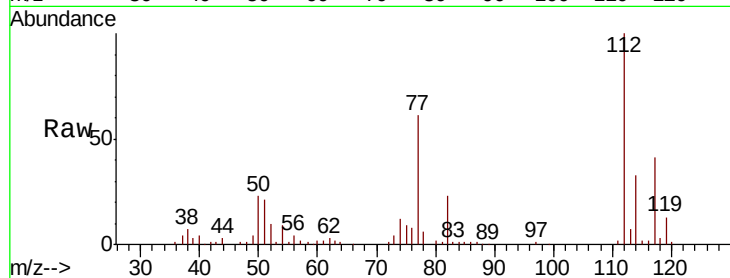
Tot Ion:112 Resp: 63948

Ion Ratio Lower Upper

112 100

114 32.7 22.5 41.7

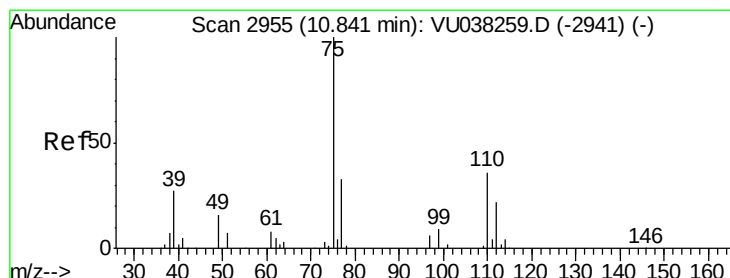
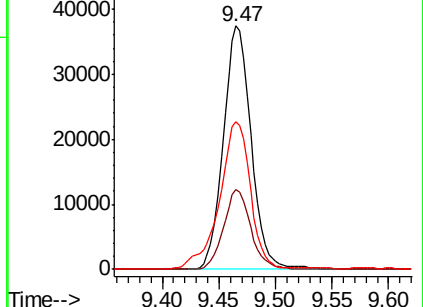
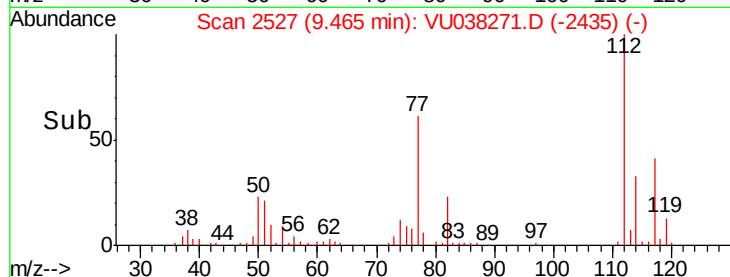
77 60.6 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038271.D

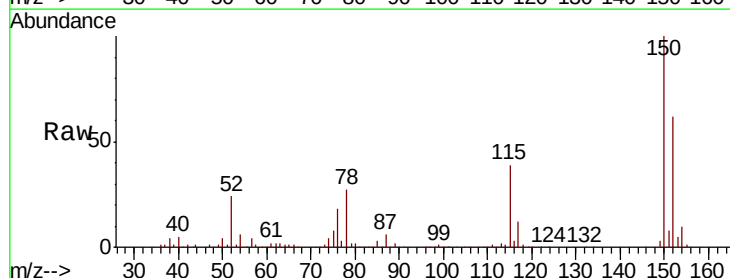
Acq: 21 May 2020 17:48

Tgt Ion: 75 Resp: 31694

Ion Ratio Lower Upper

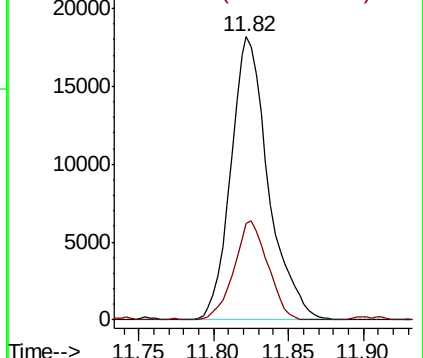
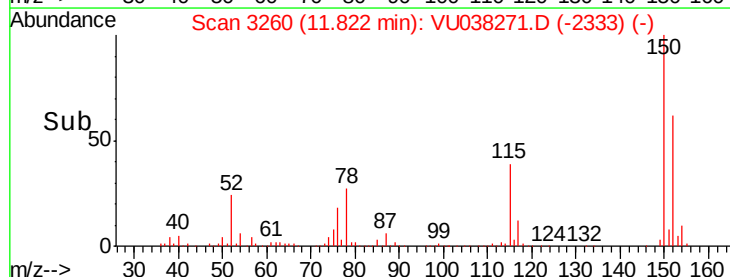
75 100

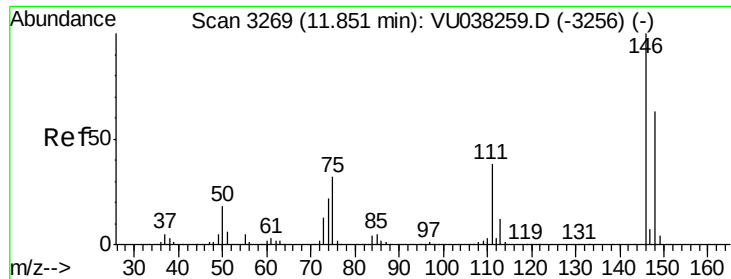
77 31.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

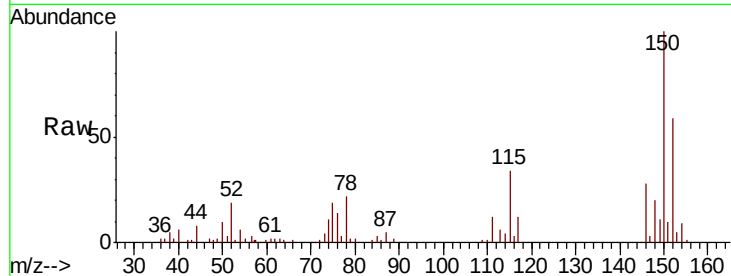




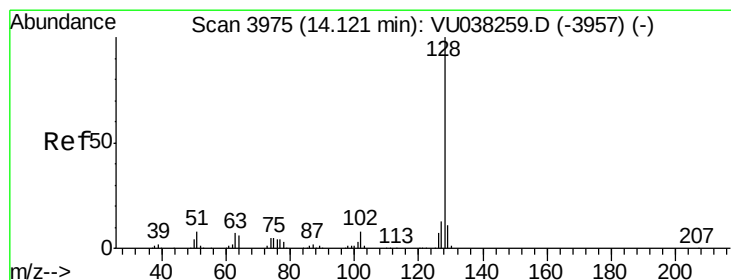
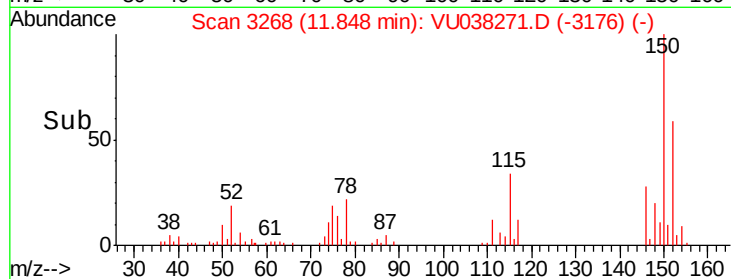
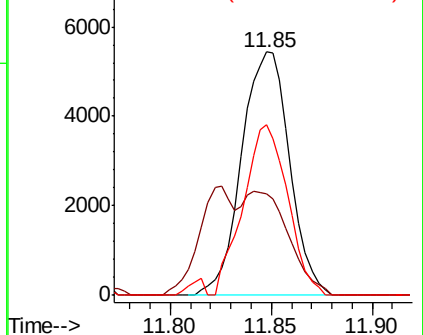
#63
 1,4-Dichlorobenzene
 Concen: 0.124 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038271.D
 Acq: 21 May 2020 17:48

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 9040
 Ion Ratio Lower Upper
 146 100
 111 41.8 27.2 50.6
 148 70.3 43.8 81.3

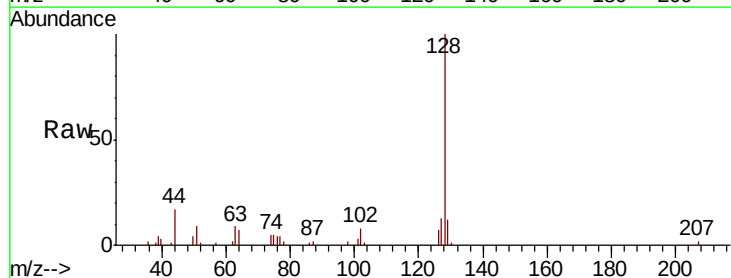


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#69
 Naphthalene
 Concen: 0.227 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU038271.D
 Acq: 21 May 2020 17:48

Tgt Ion:128 Resp: 22574
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.7 13.1
 127 12.2 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

