

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035673.D
 Acq On : 07 Nov 2019 20:31
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Nov 08 06:17:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	696174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	679999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	207690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	273183	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.18%
7) Chloroethane-d5	1.93	69	231408	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.59	63	327041	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
21) 2-Butanone-d5	4.69	46	347046	105.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	5.12	84	432648	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.75	65	273466	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
32) Benzene-d6	5.77	84	936837	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
36) 1,2-Dichloropropane-d6	6.74	67	299953	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	7.93	98	848657	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%
43) trans-1,3-Dichloropropene-	8.21	79	131337	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.68	63	225717	102.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	399890	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	12.22	152	231050	55.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.32%

Target Compounds

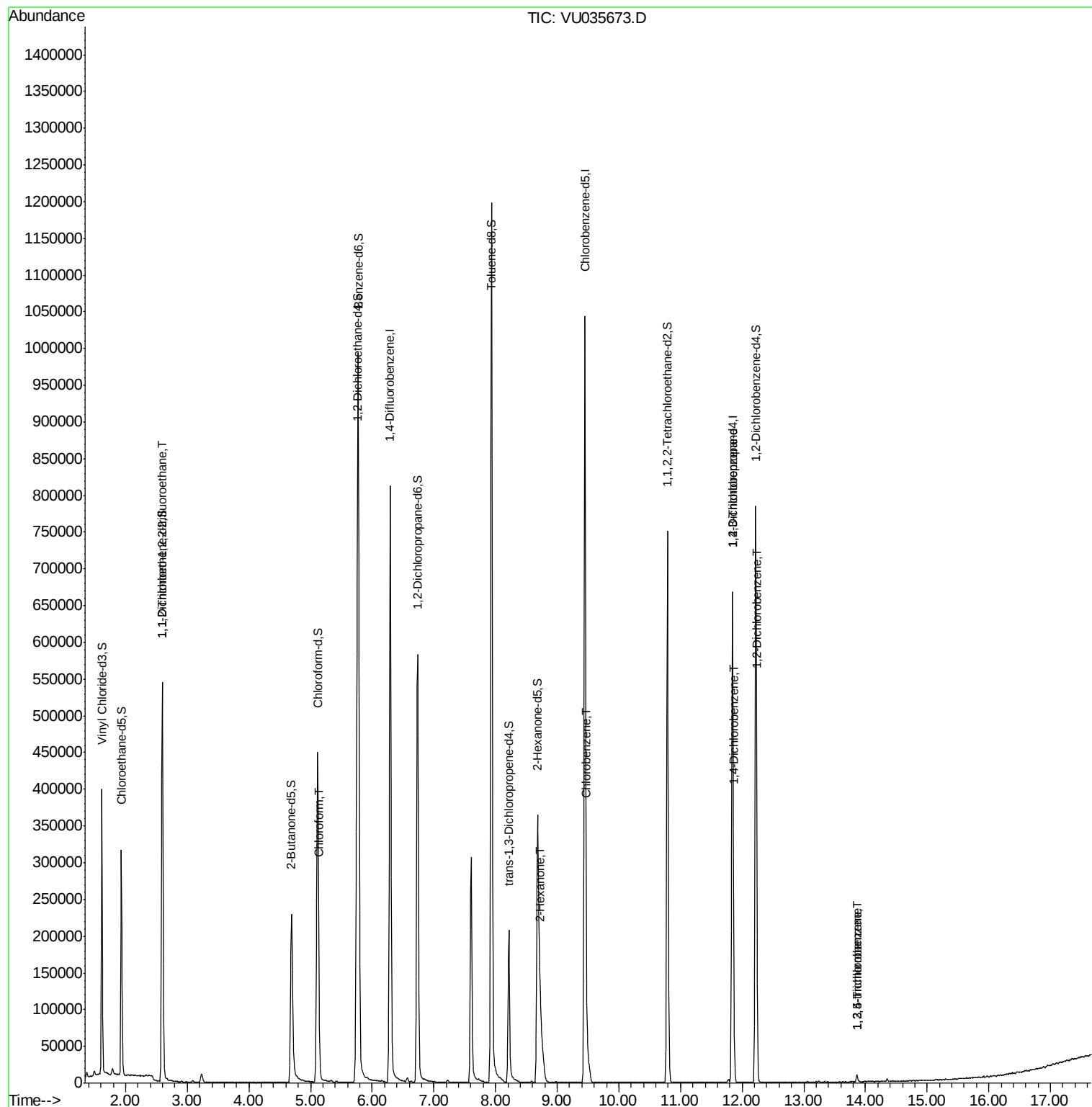
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3304	0.763	ug/L #	18
25) Chloroform	5.14	83	10412	1.187	ug/L	99
48) 2-Hexanone	8.73	43	22117	3.972	ug/L #	79
51) Chlorobenzene	9.48	112	14554	1.088	ug/L	99
59) 1,2,3-Trichloropropane	11.84	75	28565	4.281	ug/L	92
63) 1,4-Dichlorobenzene	11.87	146	18970	2.850	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	24785	3.716	ug/L	95
67) 1,3,5-Trichlorobenzene	13.86	180	3965	1.047	ug/L	95
68) 1,2,4-trichlorobenzene	13.86	180	3965	1.564	ug/L	94

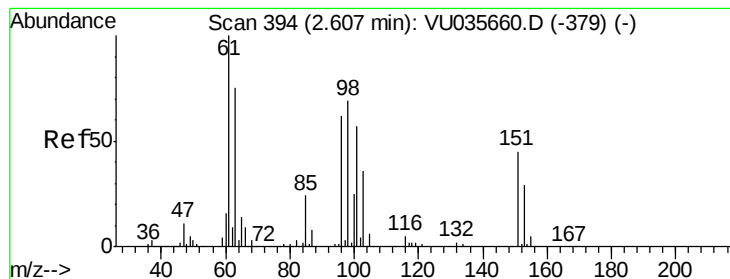
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 08 06:17:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 08 06:13:27 2019
Response via : Initial Calibration





#10

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

Concen: 0.763 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035673.D

Acq: 07 Nov 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

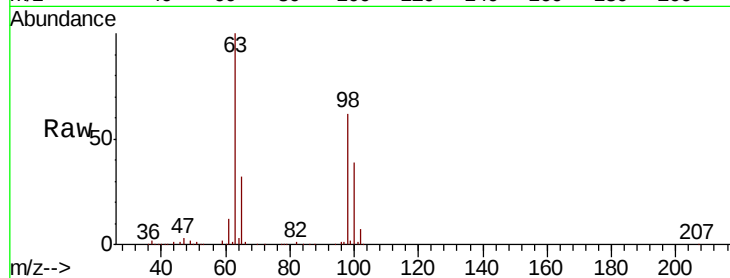
Tot Ion:101 Resp: 3304

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

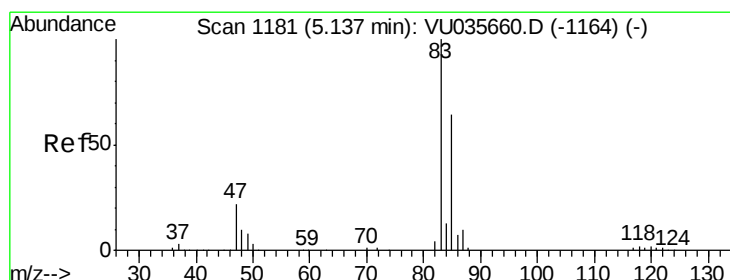
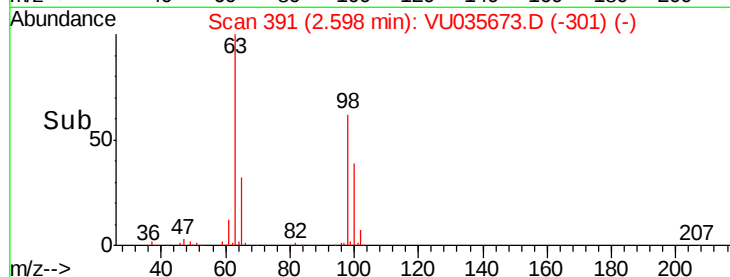
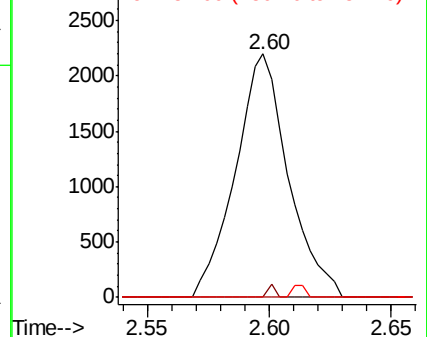
151 1.2 64.2 96.4#



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



#25

Chloroform

Concen: 1.187 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035673.D

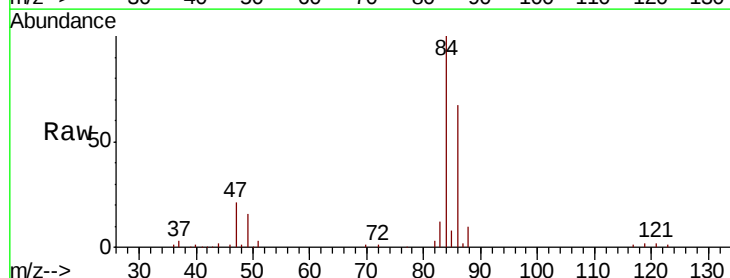
Acq: 07 Nov 2019 20:31

Tgt Ion: 83 Resp: 10412

Ion Ratio Lower Upper

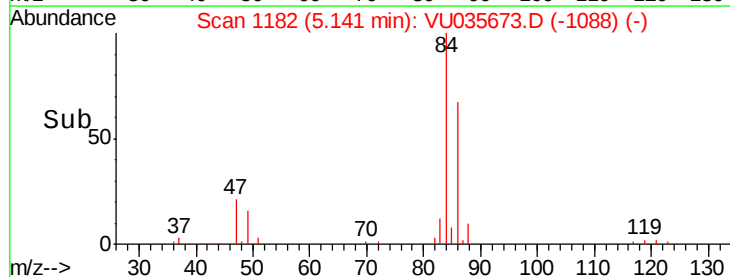
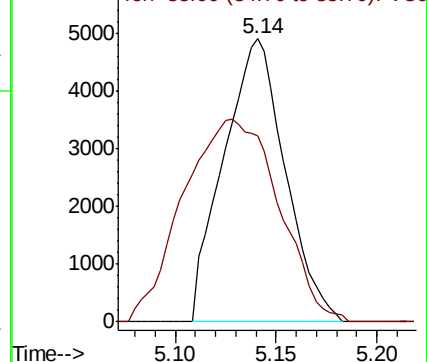
83 100

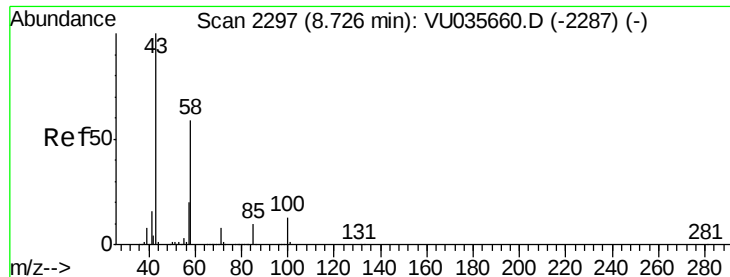
85 65.7 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

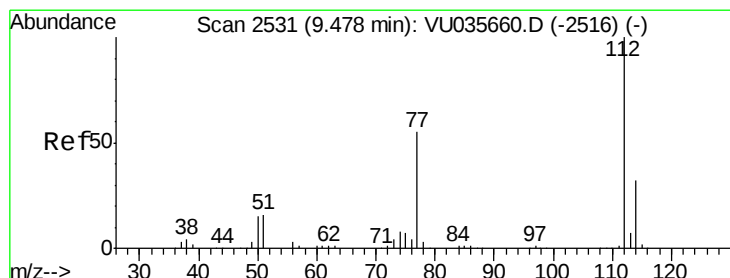
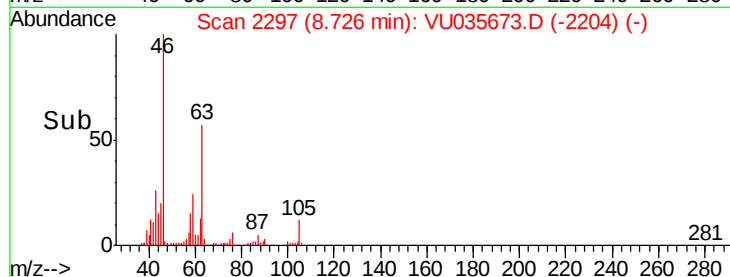
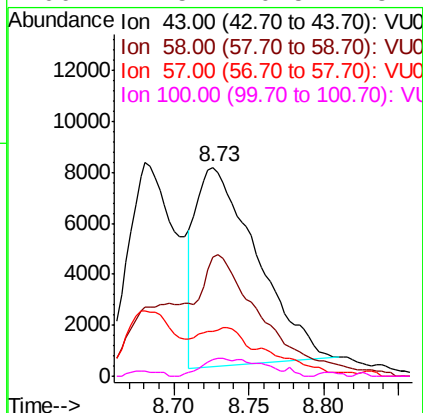
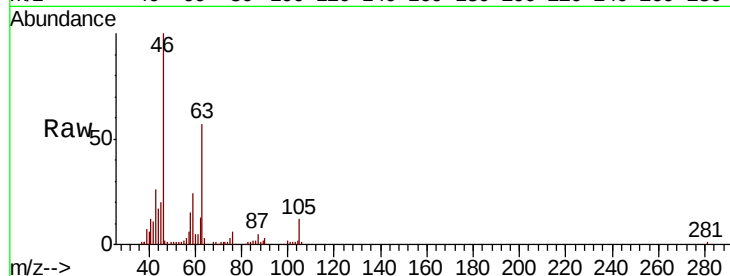




#48
2-Hexanone
Concen: 3.972 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU035673.D
Acq: 07 Nov 2019 20:31

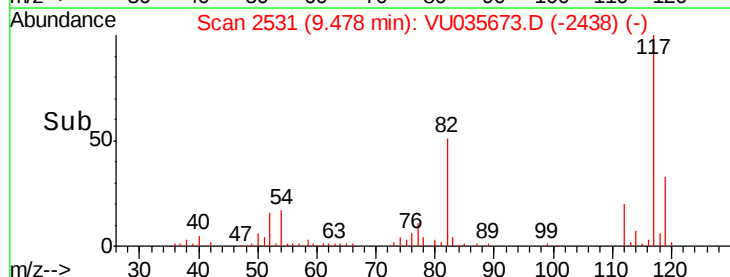
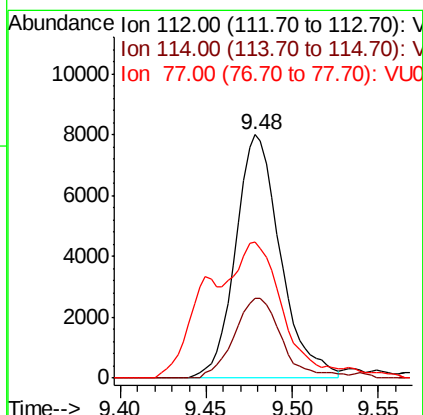
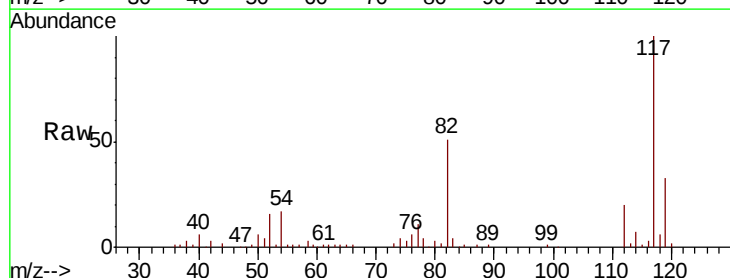
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

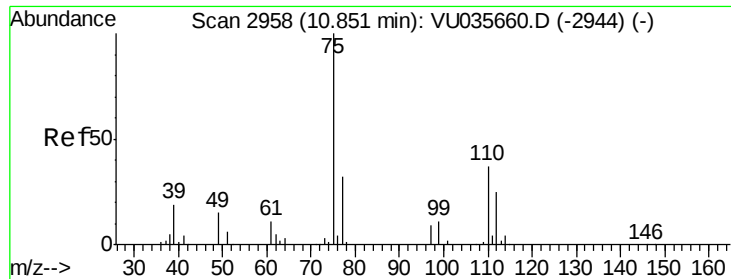
Tot Ion:	43	Resp:	22117
Ion	Ratio	Lower	Upper
43	100		
58	53.0	50.4	75.6
57	0.0	17.4	26.0#
100	4.5	10.5	15.7#



#51
Chlorobenzene
Concen: 1.088 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU035673.D
Acq: 07 Nov 2019 20:31

Tgt Ion:	112	Resp:	14554
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.7	42.3
77	56.0	45.9	68.9





#59

1,2,3-Trichloropropane

Concen: 4.281 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035673.D

Acq: 07 Nov 2019 20:31

Instrument :

MSVOA_U

ClientSampled :

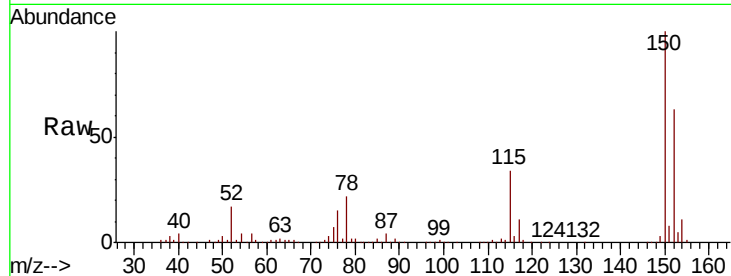
VIBLK40

Tot Ion: 75 Resp: 28565

Ion Ratio Lower Upper

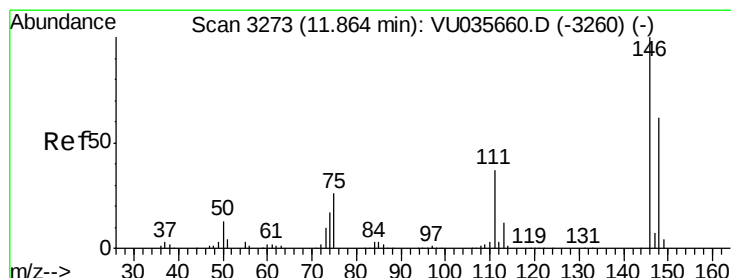
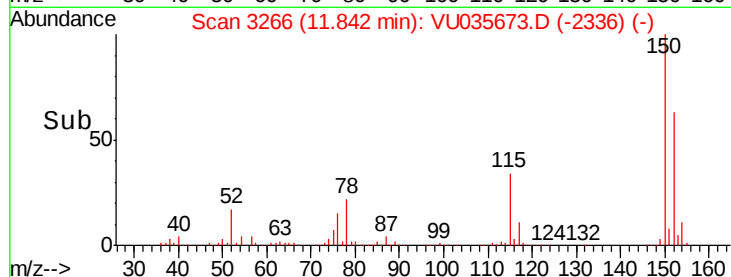
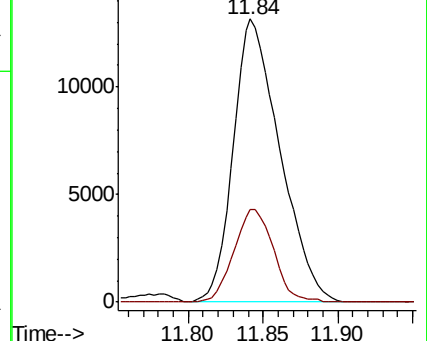
75 100

77 27.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU035660.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU035660.D (-2944) (-)



#63

1,4-Dichlorobenzene

Concen: 2.850 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VU035673.D

Acq: 07 Nov 2019 20:31

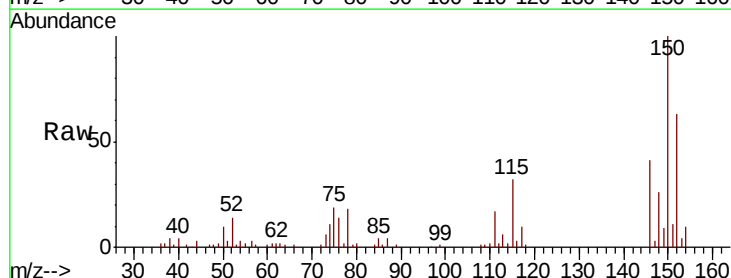
Tgt Ion: 146 Resp: 18970

Ion Ratio Lower Upper

146 100

111 40.9 26.5 49.1

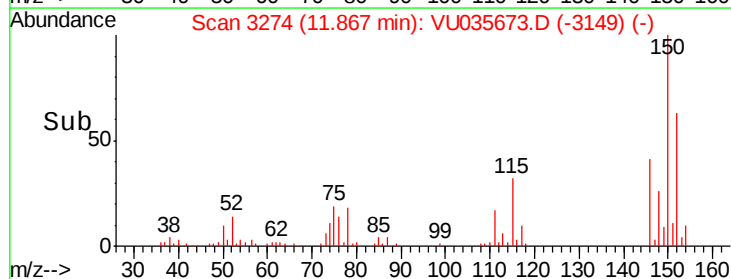
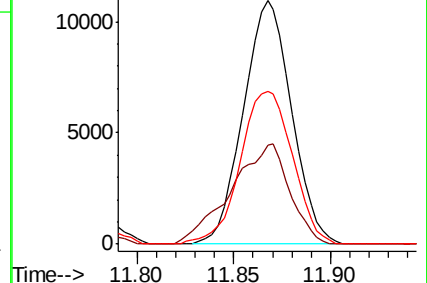
148 62.8 44.4 82.5

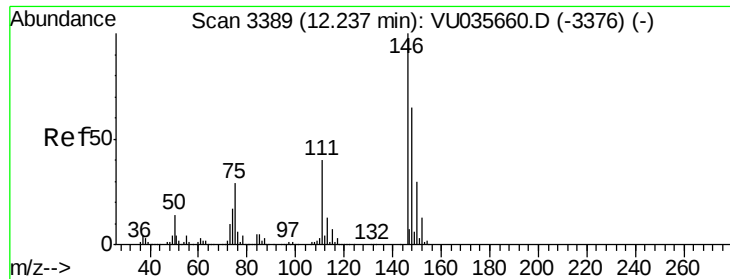


Abundance Ion 146.00 (145.70 to 146.70): VU035660.D (-3260) (-)

Ion 111.00 (110.70 to 111.70): VU035660.D (-3260) (-)

Ion 148.00 (147.70 to 148.70): VU035660.D (-3260) (-)

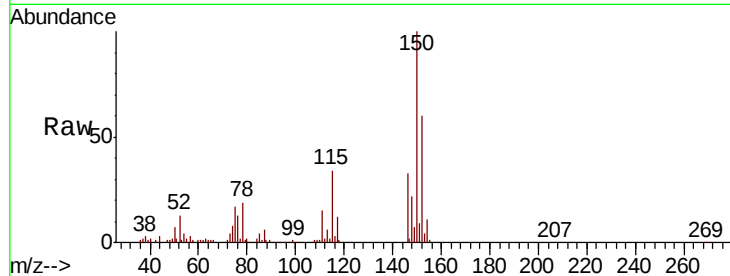




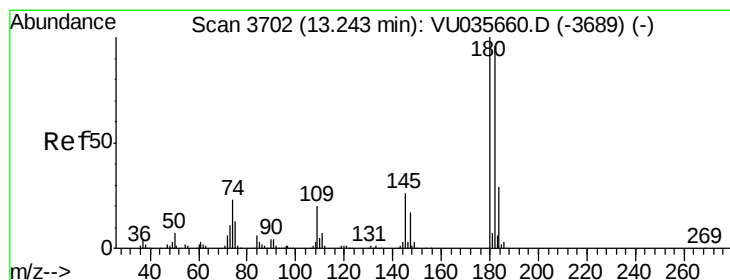
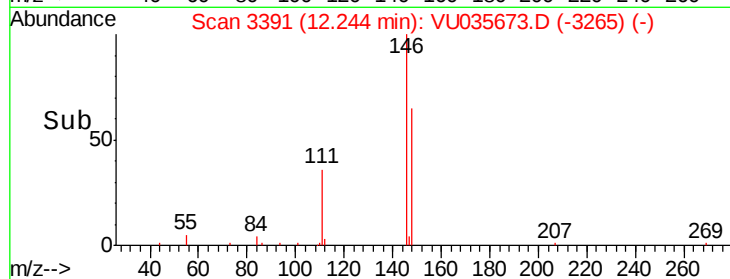
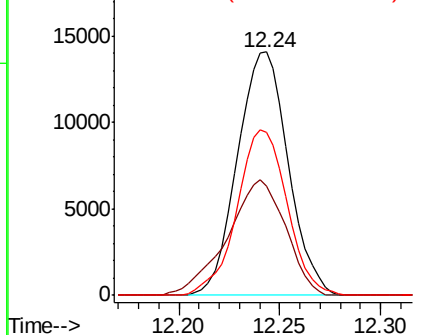
#65
 1,2-Dichlorobenzene
 Concen: 3.716 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: VU035673.D
 Acq: 07 Nov 2019 20:31

Instrument :
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 VIBLK40

Tot Ion:146 Resp: 24785
 Ion Ratio Lower Upper
 146 100
 111 44.9 32.4 48.6
 148 67.1 51.8 77.6

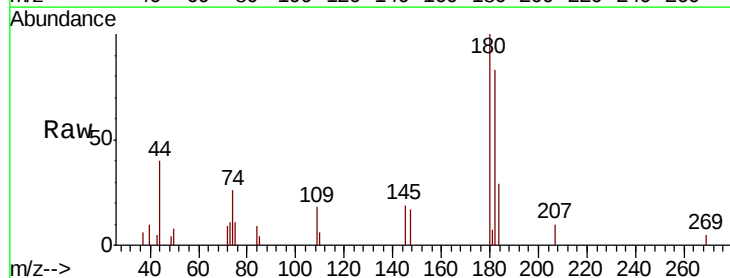


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

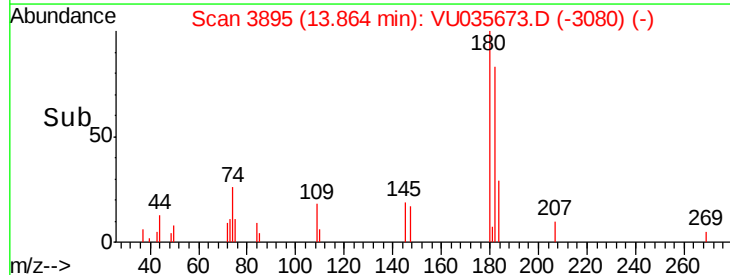
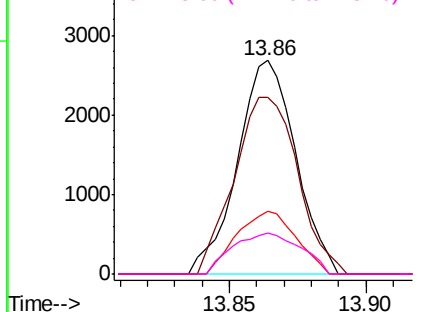


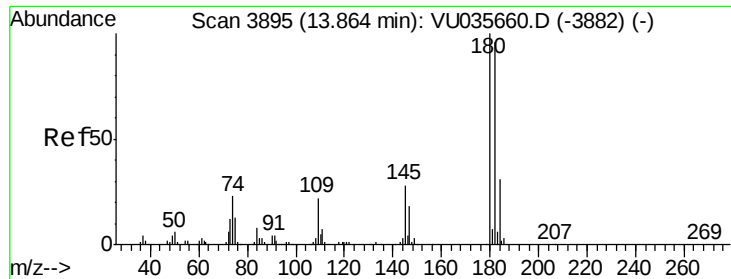
#67
 1,3,5-Trichlorobenzene
 Concen: 1.047 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.62 min
 Lab File: VU035673.D
 Acq: 07 Nov 2019 20:31

Tgt Ion:180 Resp: 3965
 Ion Ratio Lower Upper
 180 100
 182 90.7 77.0 115.4
 184 30.0 24.6 36.8
 145 22.6 21.7 32.5



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 1.564 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU035673.D
 Acq: 07 Nov 2019 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.6	115.0
145	22.6	21.9	32.9

