

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035671.D
 Acq On : 07 Nov 2019 19:45
 Operator : JC/SP
 Sample : K5739-02DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CQ9DL

Quant Time: Nov 08 07:25:02 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	6.30	114	684913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	674633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	225712	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	270647	48.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.86%
7) Chloroethane-d5	1.93	69	230121	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.18%
11) 1,1-Dichloroethene-d2	2.59	63	325526	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	4.69	46	342186	105.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	5.12	84	425982	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	5.75	65	268415	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
32) Benzene-d6	5.77	84	934320	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
36) 1,2-Dichloropropane-d6	6.74	67	299501	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.04%
41) Toluene-d8	7.93	98	837242	50.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.96%
43) trans-1,3-Dichloropropene-	8.21	79	131208	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.68	63	225266	103.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	403872	49.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	251512	55.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.50%

Target Compounds

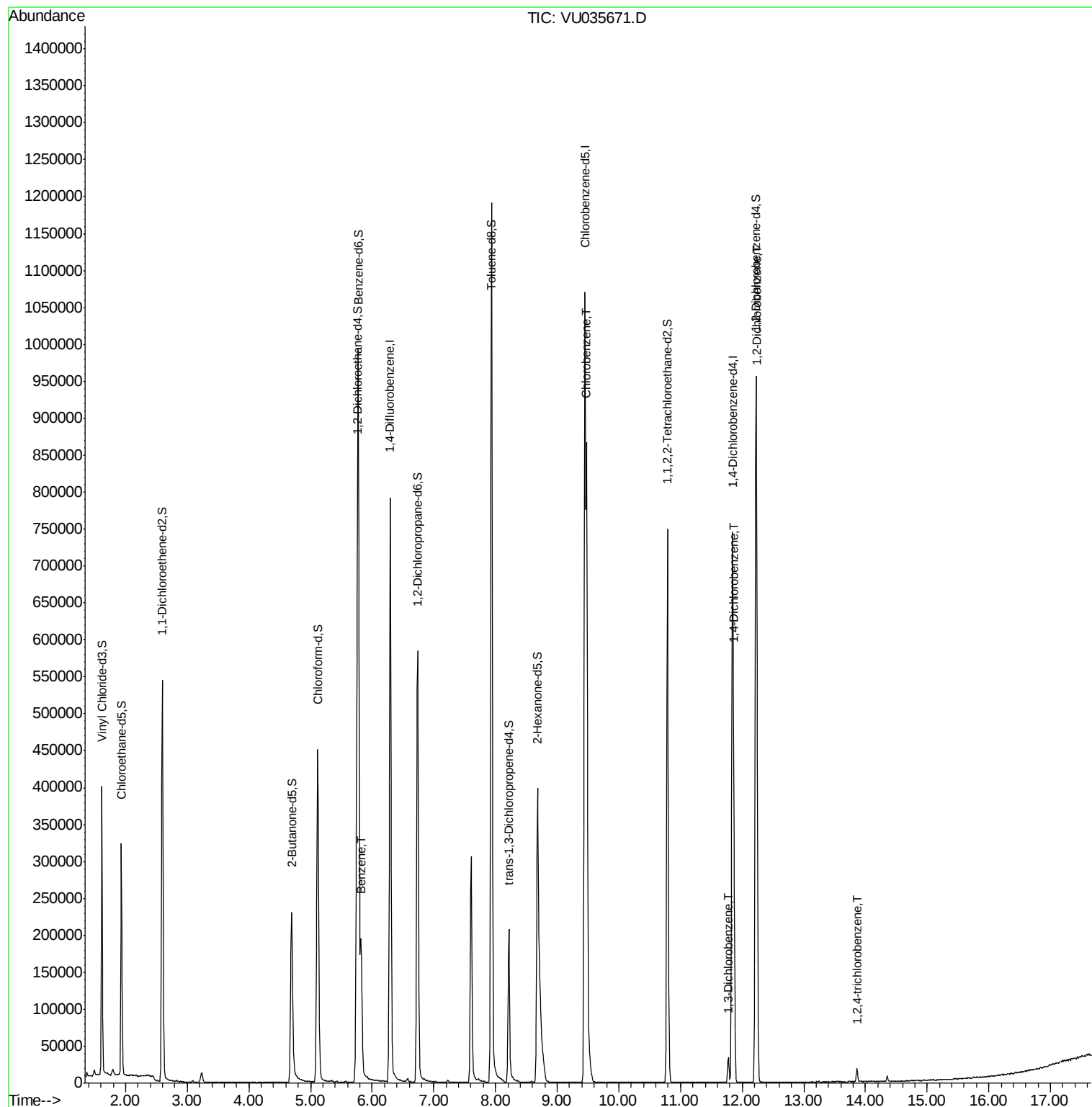
					Ovalue
33) Benzene	5.82	78	176324	9.300	ug/L 100
51) Chlorobenzene	9.48	112	471871	35.570	ug/L 99
62) 1,3-Dichlorobenzene	11.78	146	16141	2.267	ug/L 99
63) 1,4-Dichlorobenzene	11.87	146	138646	19.167	ug/L 99
65) 1,2-Dichlorobenzene	12.24	146	196338	27.085	ug/L 99
68) 1,2,4-trichlorobenzene	13.86	180	6776	2.459	ug/L 97

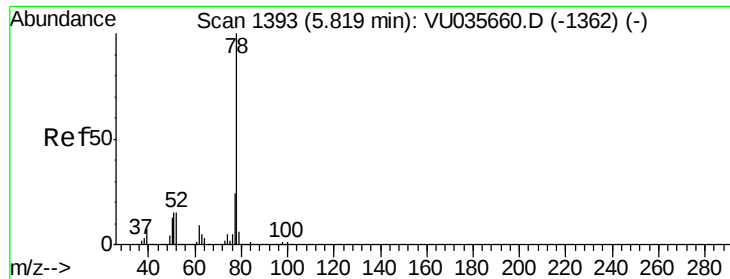
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 9.300 ug/L

RT: 5.82 min Scan# 1394

Delta R.T. 0.00 min

Lab File: VU035671.D

Acq: 07 Nov 2019 19:45

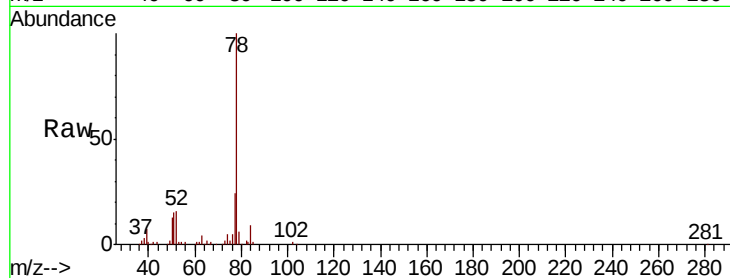
Instrument :

MSVOA_U

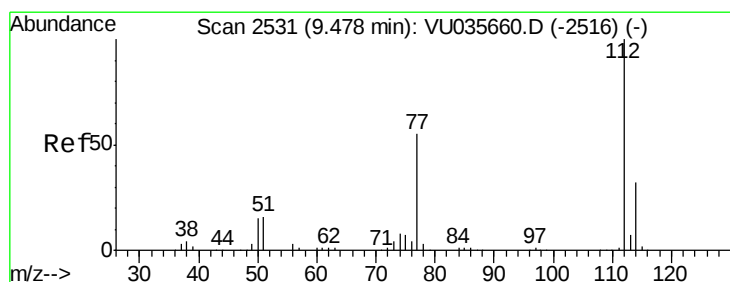
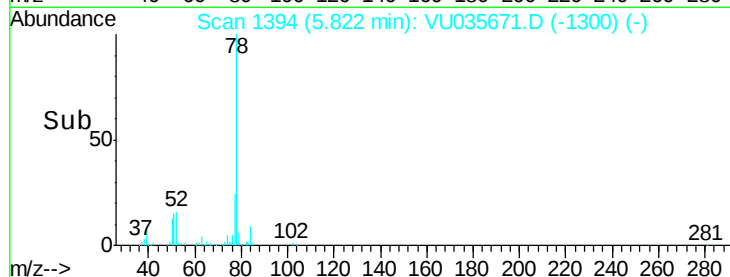
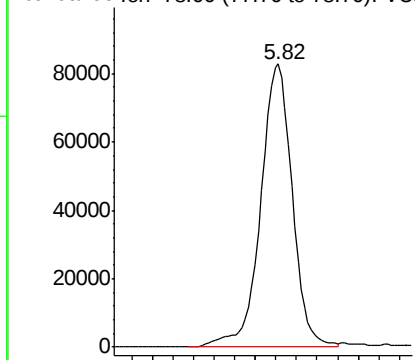
ClientSampleId :

C0CQ9DL

Tgt Ion: 78 Resp: 176324



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 35.570 ug/L

RT: 9.48 min Scan# 2531

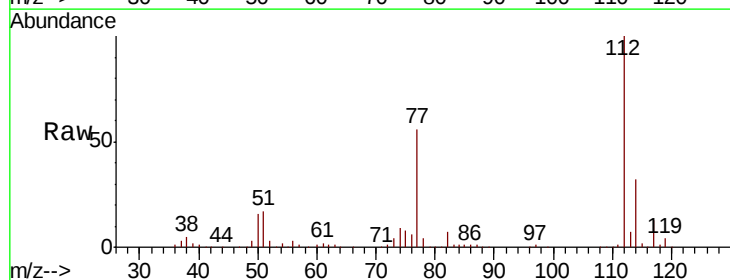
Delta R.T. 0.00 min

Lab File: VU035671.D

Acq: 07 Nov 2019 19:45

Tgt Ion: 112 Resp: 471871

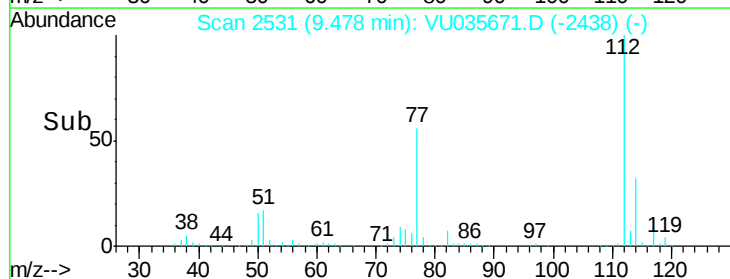
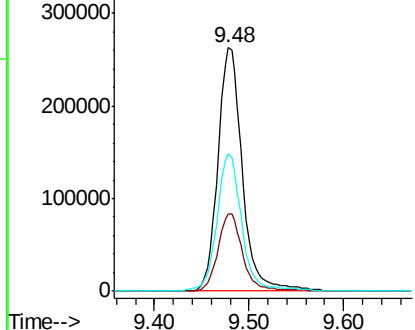
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.7	42.3
77	56.5	45.9	68.9

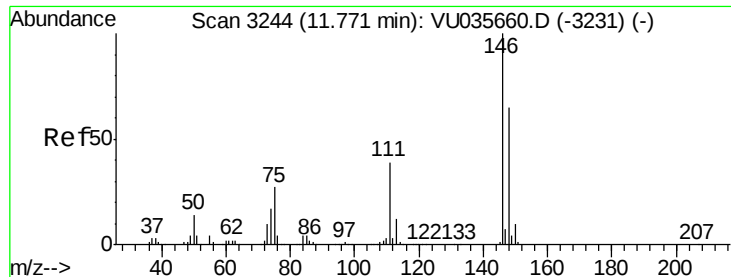


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 2.267 ug/L

RT: 11.78 min Scan# 3246

Delta R.T. 0.01 min

Lab File: VU035671.D

Acq: 07 Nov 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

C0CQ9DL

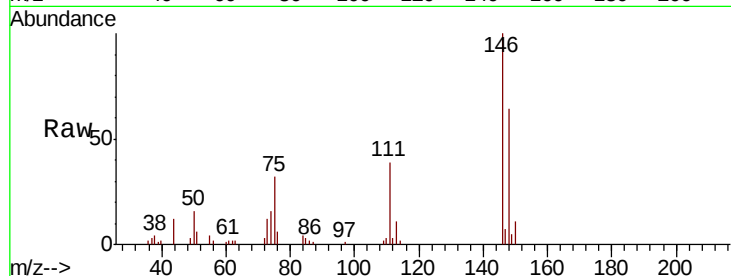
Tot Ion:146 Resp: 16141

Ion Ratio Lower Upper

146 100

111 39.0 27.8 51.6

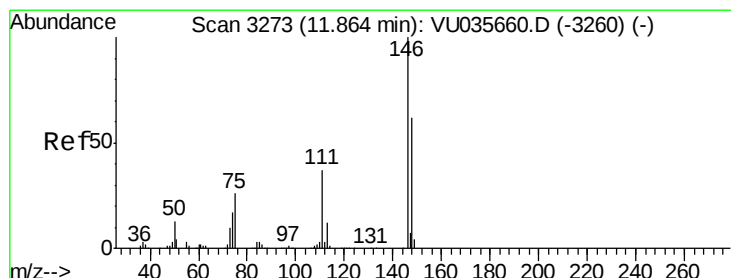
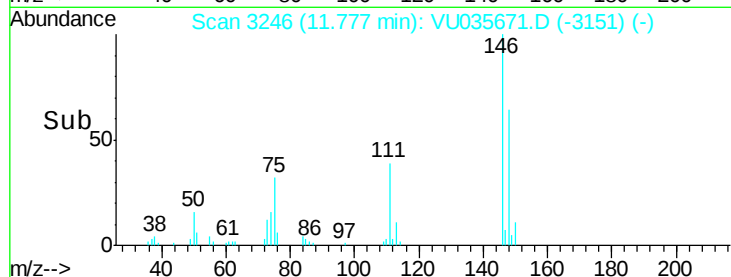
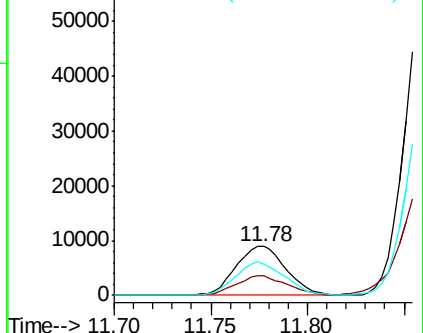
148 64.4 44.5 82.7



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



#63

1,4-Dichlorobenzene

Concen: 19.167 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VU035671.D

Acq: 07 Nov 2019 19:45

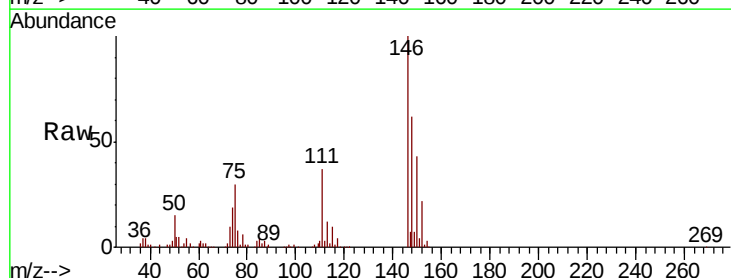
Tgt Ion:146 Resp: 138646

Ion Ratio Lower Upper

146 100

111 37.2 26.5 49.1

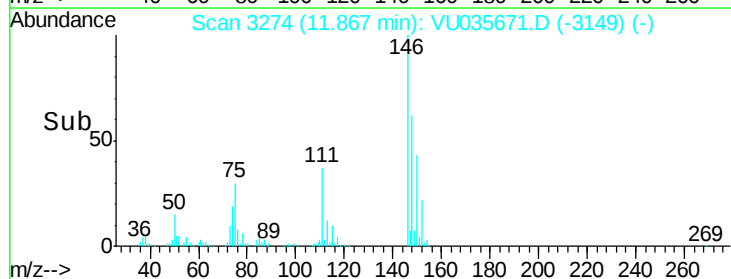
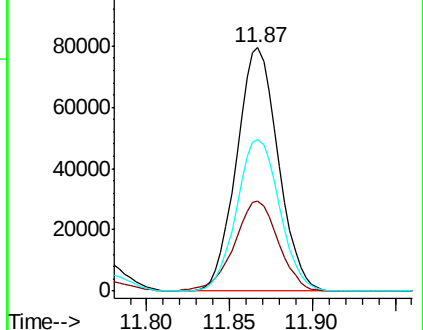
148 62.4 44.4 82.5

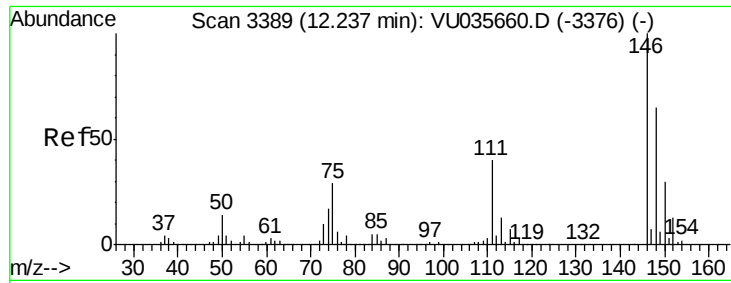


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 27.085 ug/L

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035671.D

Acq: 07 Nov 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

C0CQ9DL

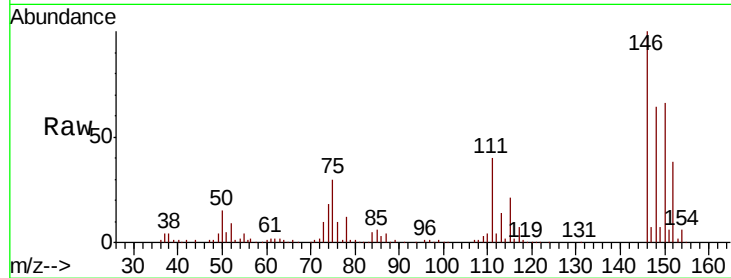
Tot Ion:146 Resp: 196338

Ion Ratio Lower Upper

146 100

111 40.4 32.4 48.6

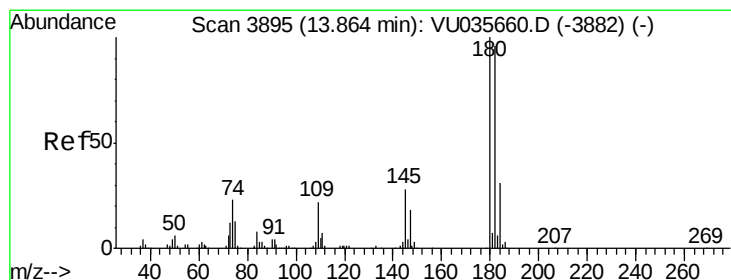
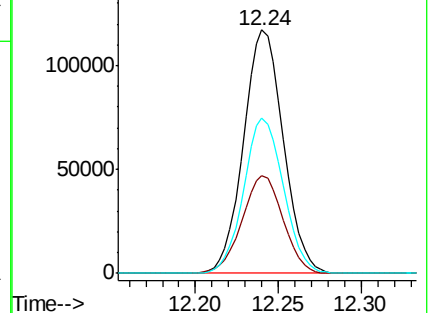
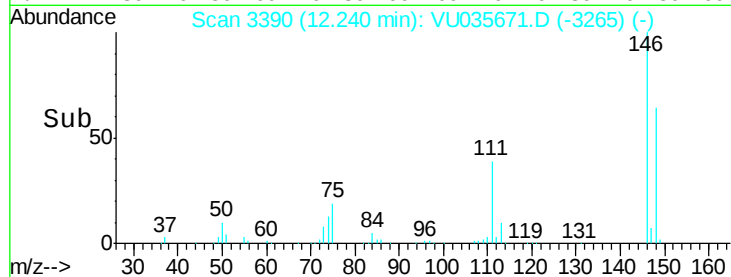
148 63.7 51.8 77.6



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



#68

1,2,4-trichlorobenzene

Concen: 2.459 ug/L

RT: 13.86 min Scan# 3894

Delta R.T. -0.00 min

Lab File: VU035671.D

Acq: 07 Nov 2019 19:45

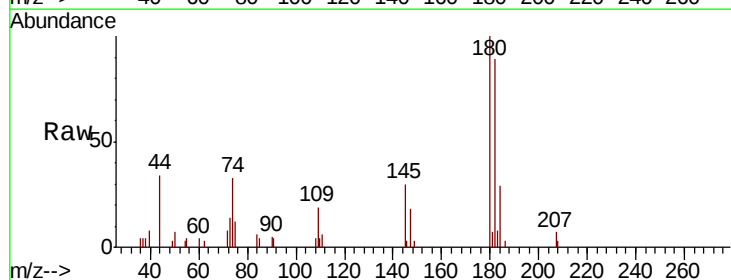
Tgt Ion:180 Resp: 6776

Ion Ratio Lower Upper

180 100

182 92.2 76.6 115.0

145 26.4 21.9 32.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

