

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
 Data File : VU029766.D
 Acq On : 01 Mar 2019 16:06
 Operator : JC/SP
 Sample : K1660-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY8

Quant Time: Mar 04 11:58:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 22:12:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	235368	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88246	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.68	69	68928	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.27	63	120094	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.19	46	180630	51.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.94%
24) Chloroform-d	4.65	84	120483	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	72380	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.34	84	304595	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.33	67	91327	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.56	98	278667	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	33751	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.31	63	173602	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72191	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	114405	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

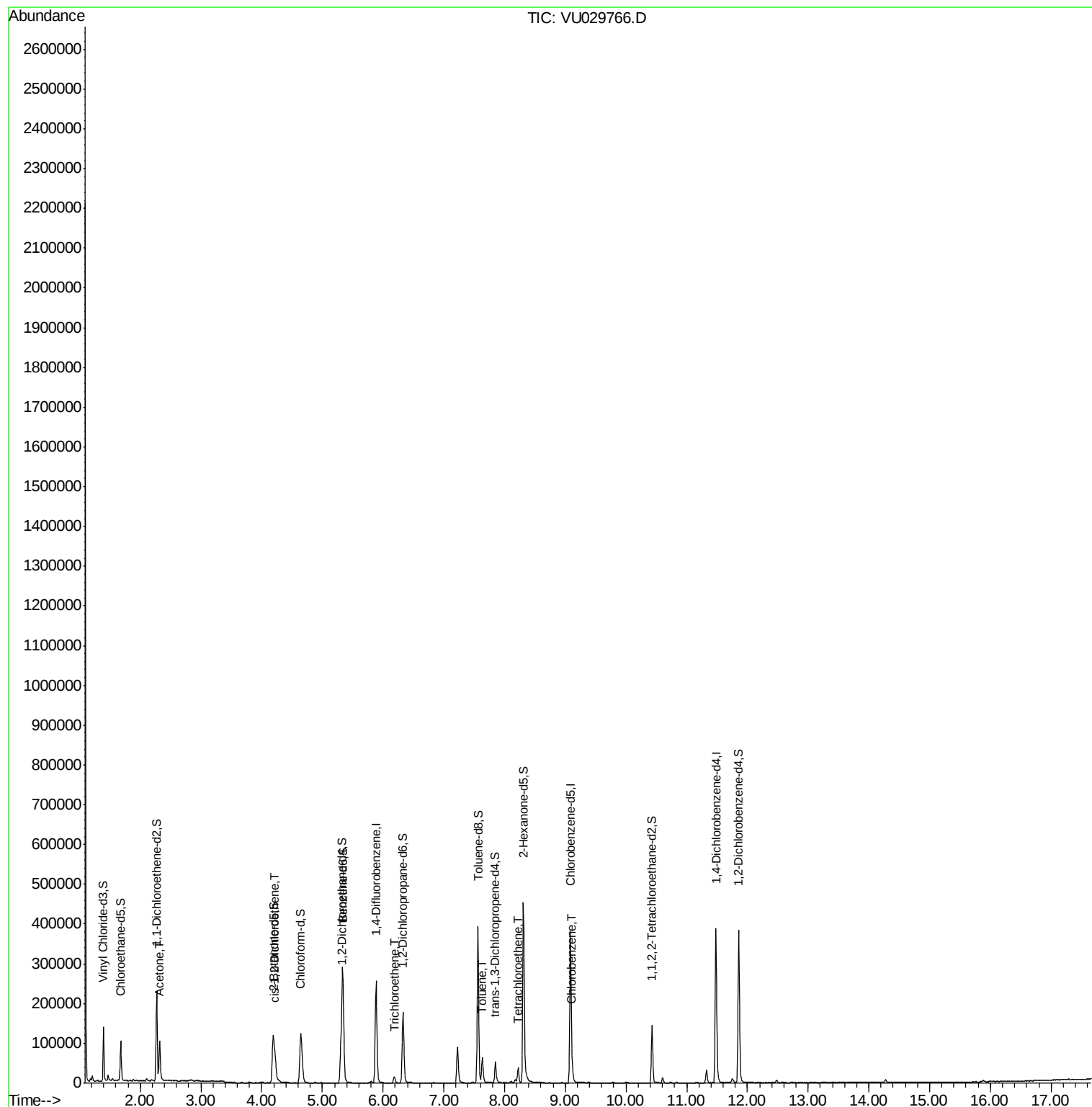
					Ovalue
13) Acetone	2.32	43	100090	40.088	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	24198	1.391	ug/L 98
34) Trichloroethene	6.18	95	5812	0.347	ug/L 89
42) Toluene	7.64	91	49915	0.734	ug/L 99
47) Tetrachloroethene	8.22	164	9832	0.633	ug/L 95
51) Chlorobenzene	9.12	112	18352	0.393	ug/L 97

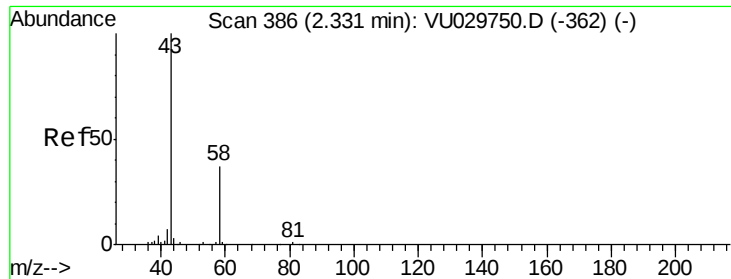
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 40.088 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU029766.D

Acq: 01 Mar 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

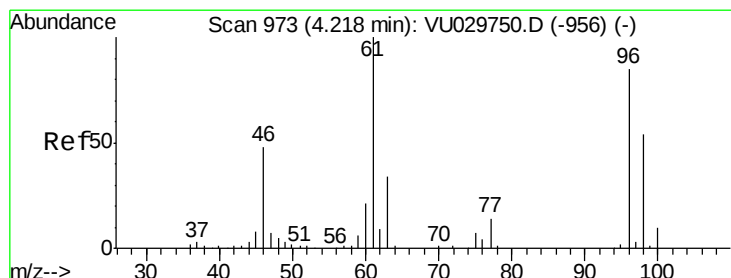
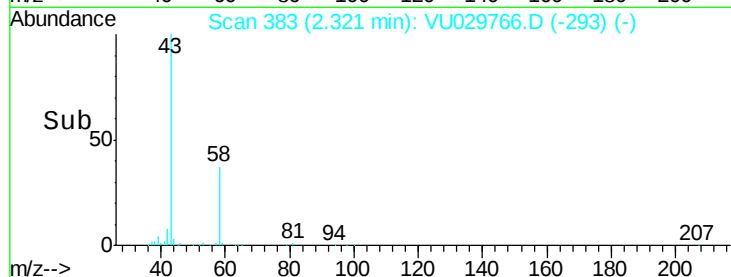
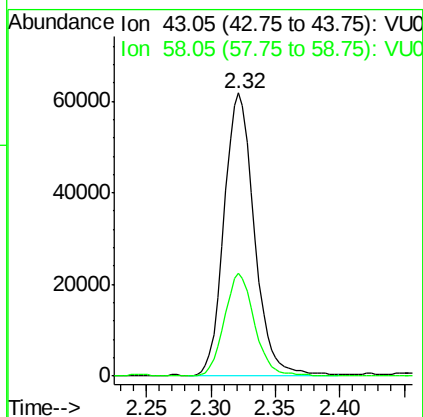
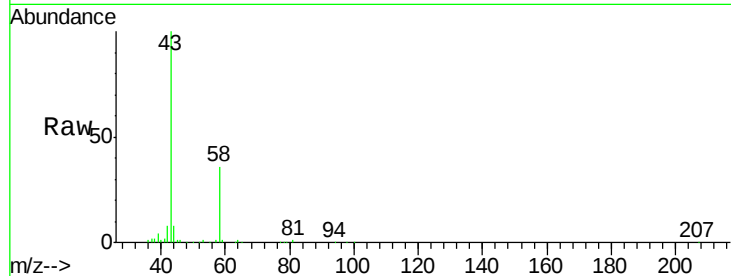
CWJY8

Tot Ion: 43 Resp: 100090

Ion Ratio Lower Upper

43 100

58 36.5 0.0 70.2



#22

cis-1,2-Dichloroethene

Concen: 1.391 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029766.D

Acq: 01 Mar 2019 16:06

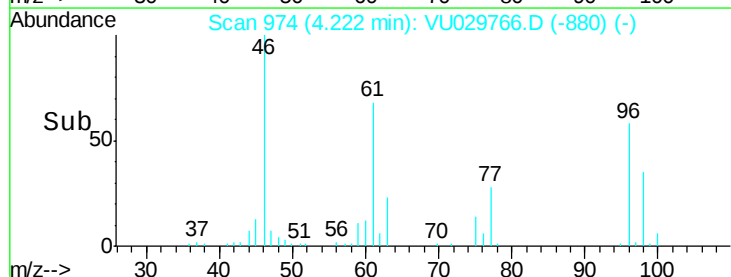
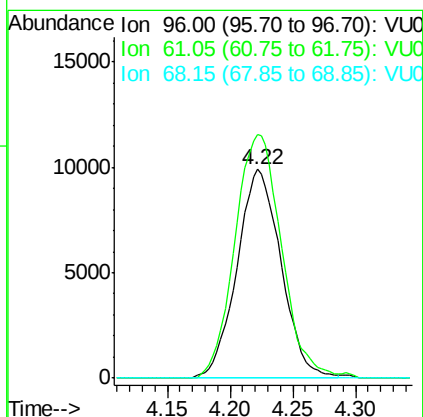
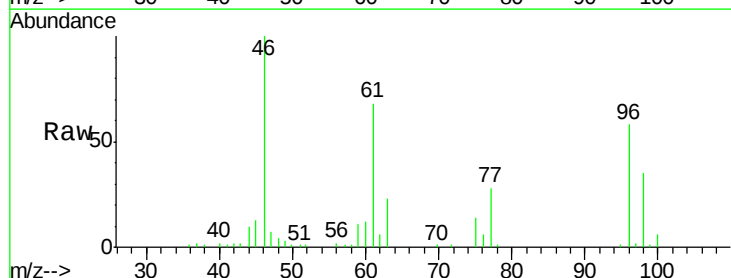
Tgt Ion: 96 Resp: 24198

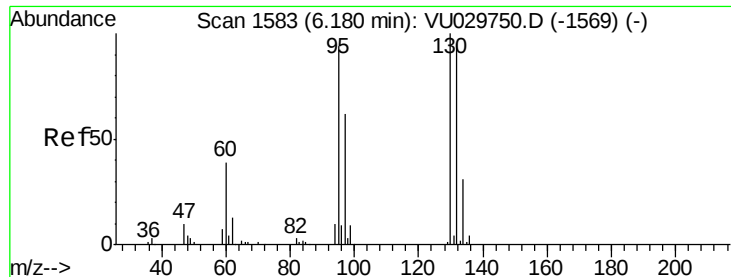
Ion Ratio Lower Upper

96 100

61 116.6 80.2 149.0

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.347 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029766.D

Acq: 01 Mar 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

CWJY8

Tot Ion: 95 Resp: 5812

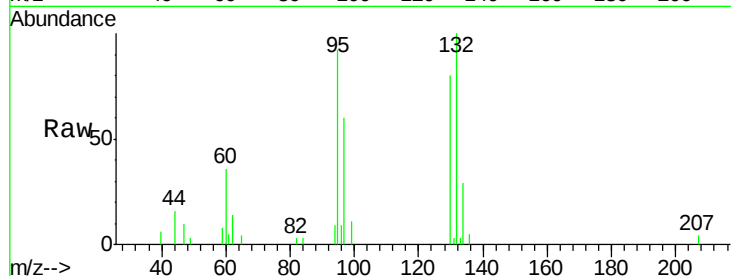
Ion Ratio Lower Upper

95 100

97 65.3 45.6 84.8

132 108.7 72.9 135.3

130 86.8 77.5 143.9

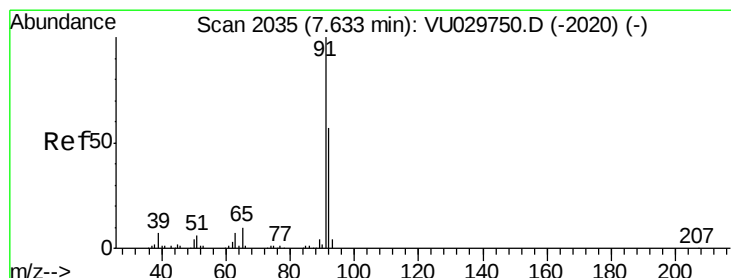
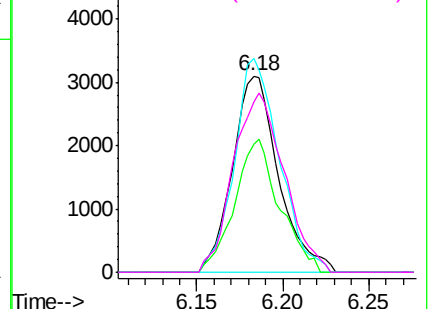
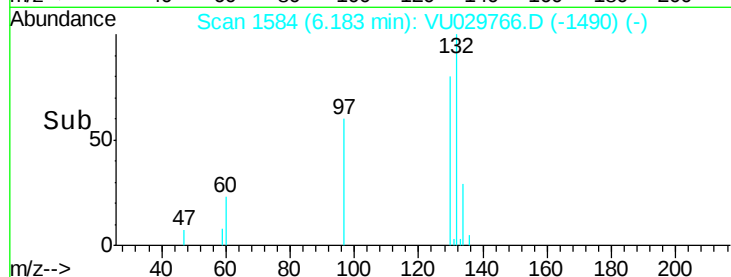


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.734 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029766.D

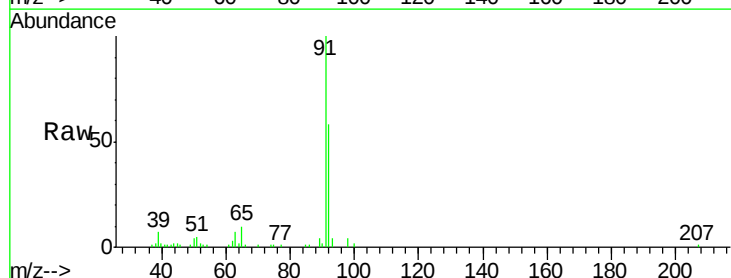
Acq: 01 Mar 2019 16:06

Tgt Ion: 91 Resp: 49915

Ion Ratio Lower Upper

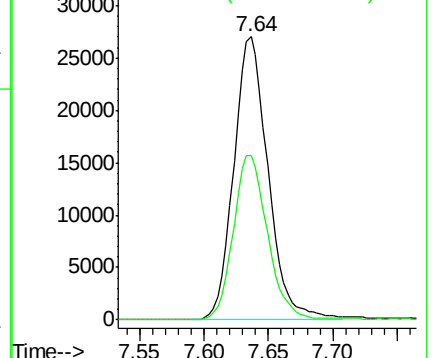
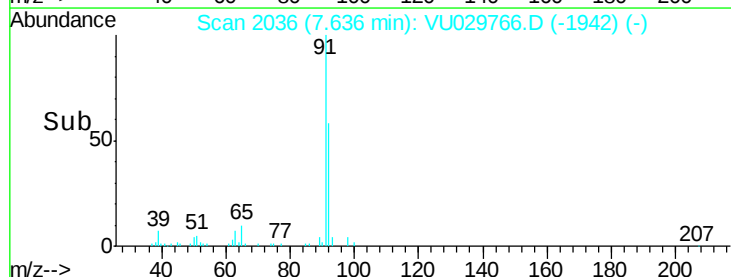
91 100

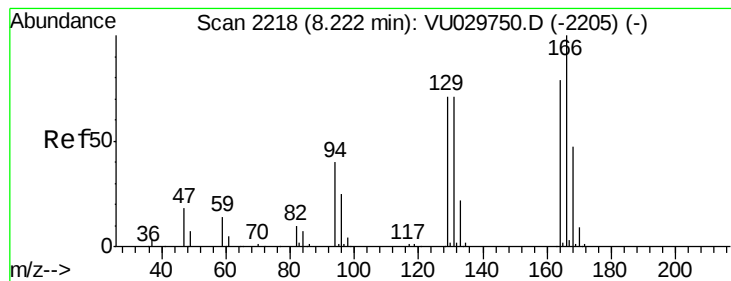
92 58.1 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 0.633 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029766.D

Acq: 01 Mar 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

CWJY8

Tot Ion:164 Resp: 9832

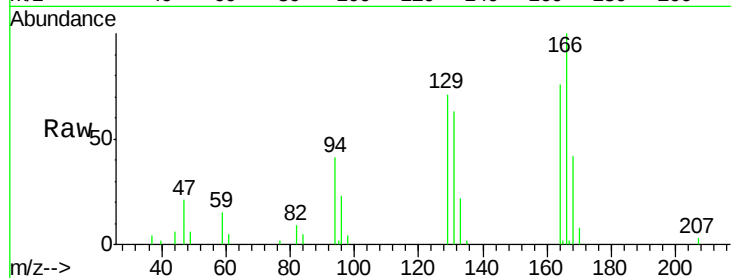
Ion Ratio Lower Upper

164 100

129 92.9 62.9 116.7

131 82.2 61.8 114.8

166 131.4 88.8 164.8

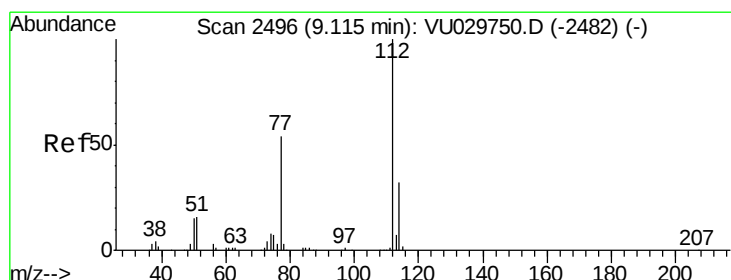
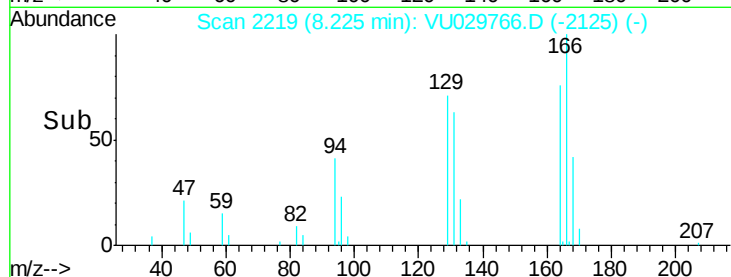
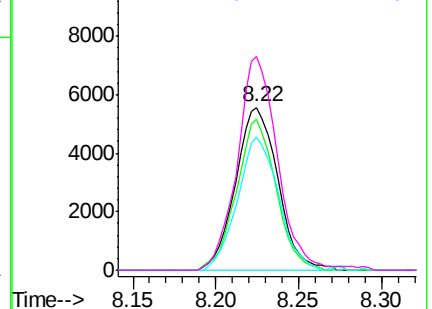


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 0.393 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029766.D

Acq: 01 Mar 2019 16:06

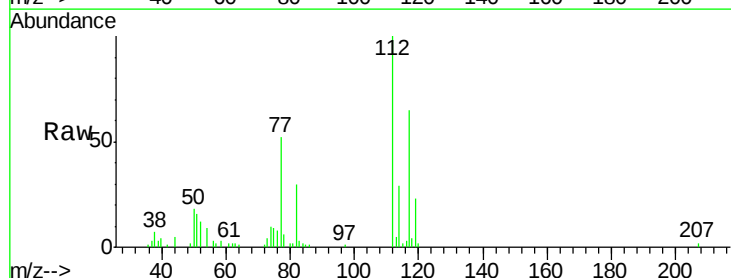
Tgt Ion:112 Resp: 18352

Ion Ratio Lower Upper

112 100

114 29.2 22.3 41.3

77 52.3 42.7 64.1



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

