

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030082.D
 Acq On : 14 Mar 2019 18:30
 Operator : JC/SP
 Sample : K1859-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5DL

Quant Time: Mar 15 03:10:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 02:44:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463504	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147244	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.06%
7) Chloroethane-d5	1.68	69	119926	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.92%
11) 1,1-Dichloroethene-d2	2.27	63	197396	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	4.17	46	208454	90.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.75%
24) Chloroform-d	4.65	84	253271	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.10%
26) 1,2-Dichloroethane-d4	5.31	65	149022	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.34	84	549515	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.33	67	170563	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.60%
41) Toluene-d8	7.56	98	504741	46.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.48%
43) trans-1,3-Dichloropropene-	7.85	79	75975	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.92%
47) 2-Hexanone-d5	8.31	63	172369	86.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	244871	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	204402	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%

Target Compounds

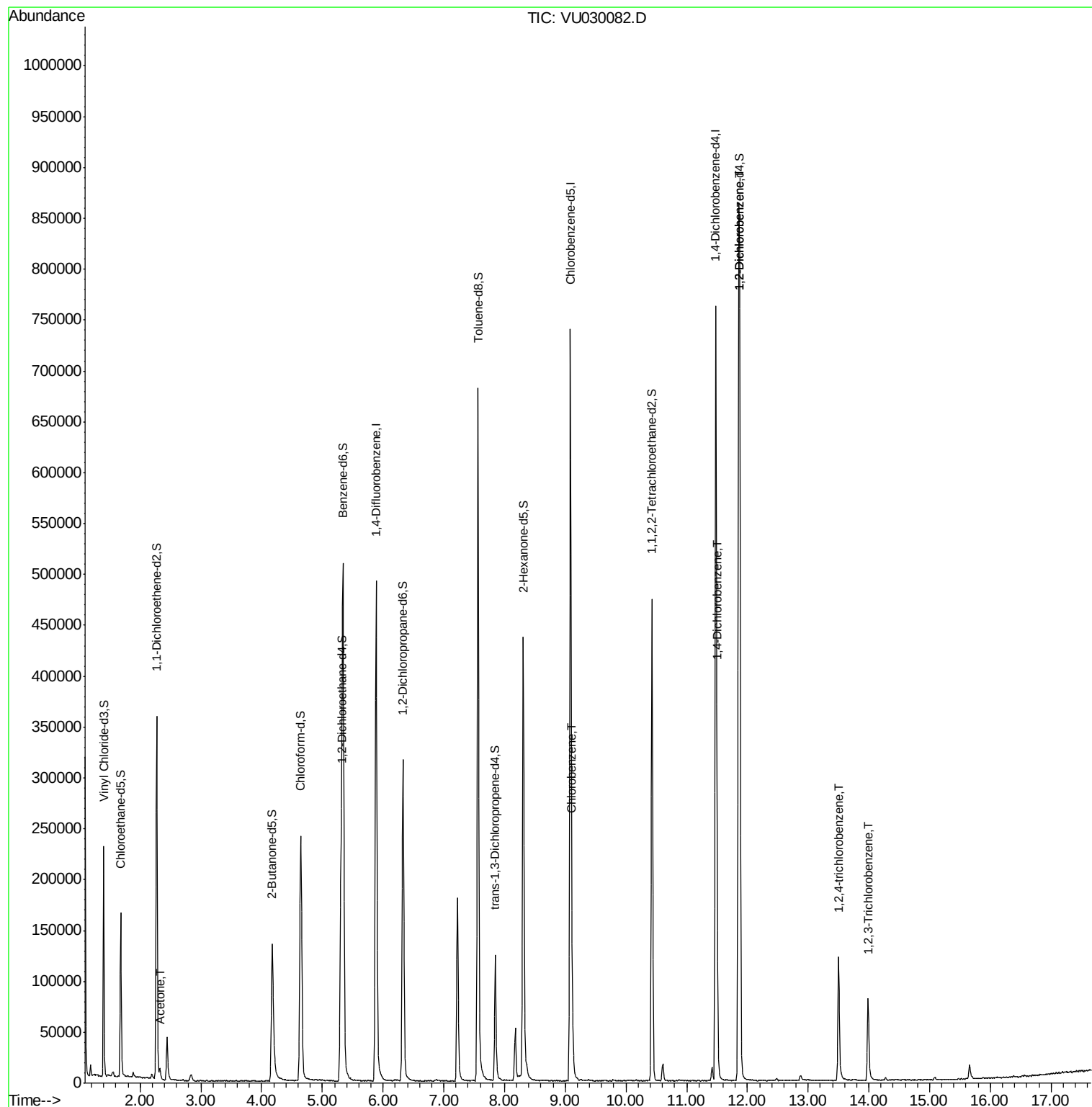
					Qvalue
13) Acetone	2.32	43	8246	3.070 ug/L	92
51) Chlorobenzene	9.12	112	38476	4.050 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	49315	6.809 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	259272	36.164 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	47986	9.489 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	33041	6.290 ug/L	98

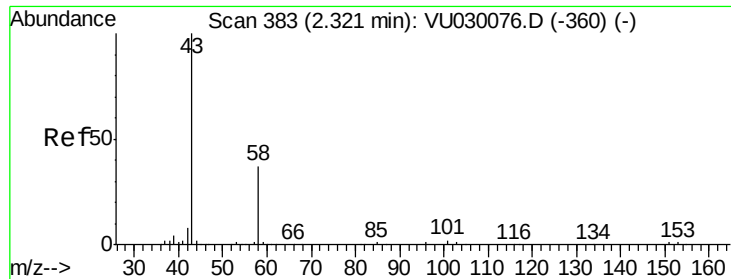
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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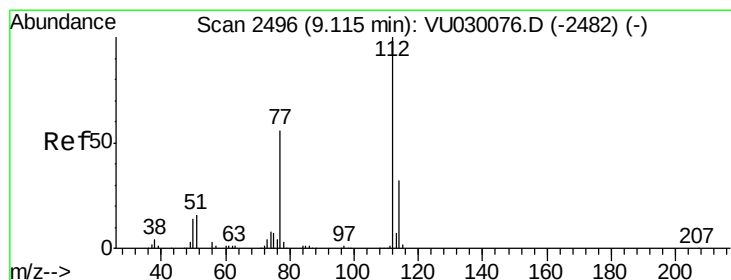
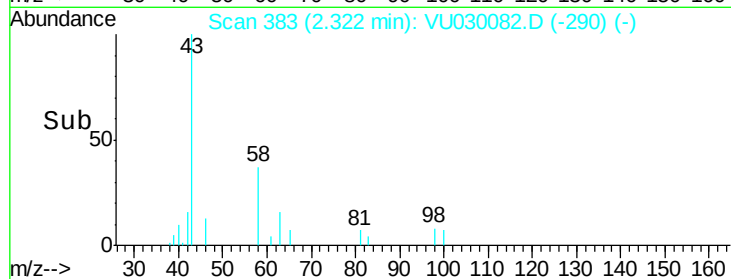
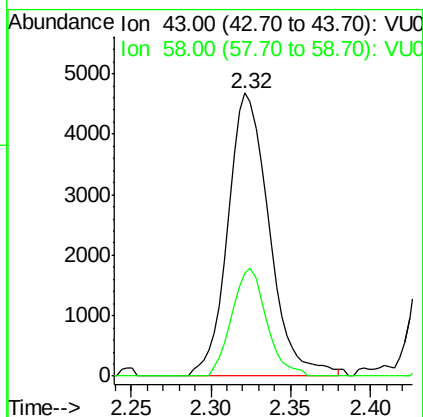
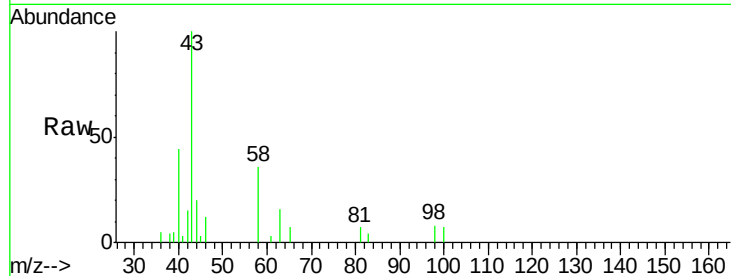




#13
Acetone
Concen: 3.070 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030082.D
Acq: 14 Mar 2019 18:30

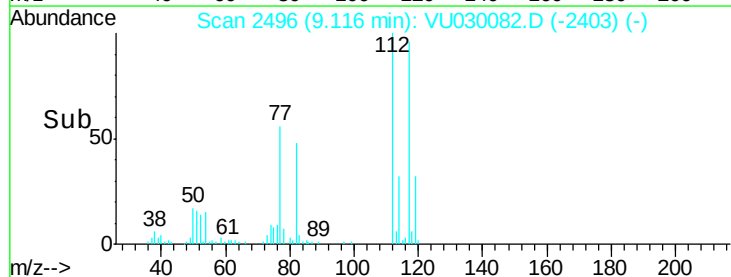
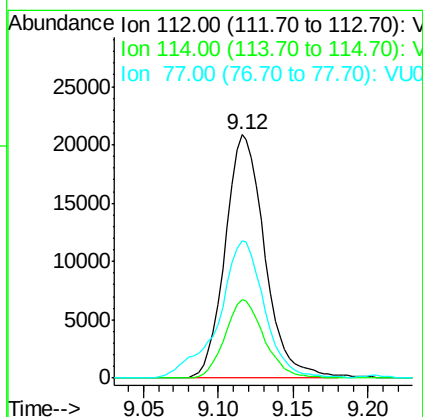
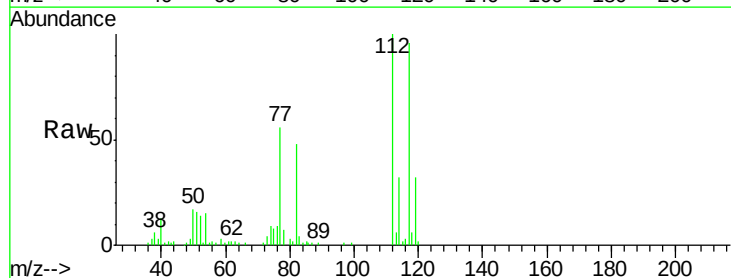
Instrument :
MSVOA_U
ClientSampleId :
C0BQ5DL

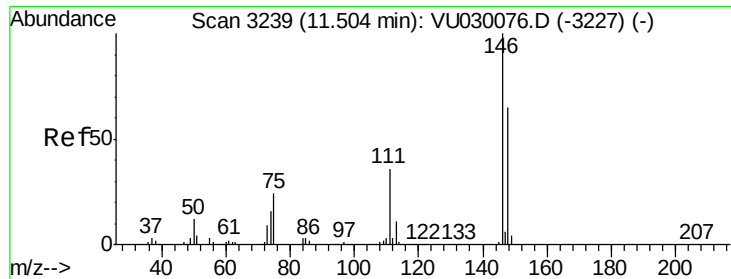
Tgt Ion: 43 Resp: 8246
Ion Ratio Lower Upper
43 100
58 31.9 0.0 73.0



#51
Chlorobenzene
Concen: 4.050 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030082.D
Acq: 14 Mar 2019 18:30

Tgt Ion: 112 Resp: 38476
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 56.3 44.6 66.8

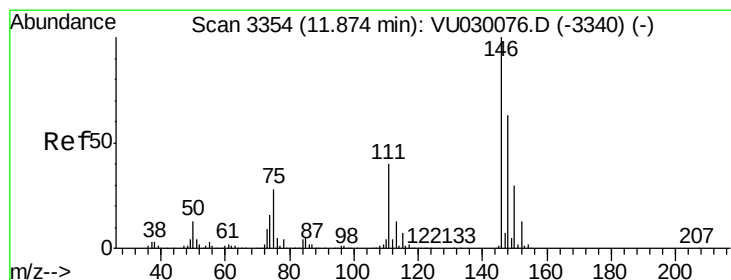
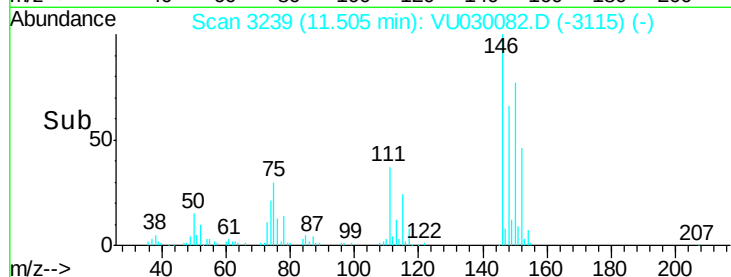
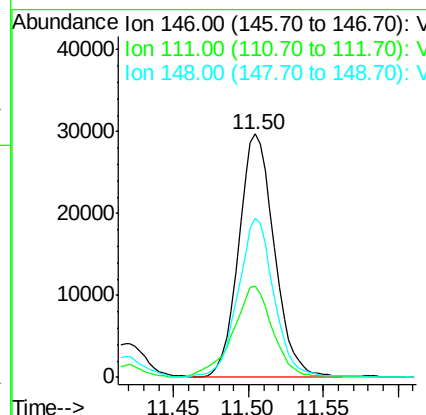
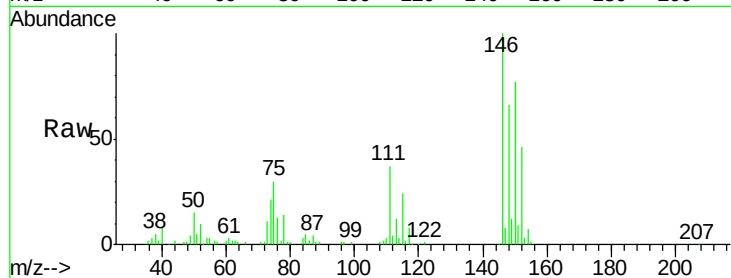




#63
 1,4-Dichlorobenzene
 Concen: 6.809 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030082.D
 Acq: 14 Mar 2019 18:30

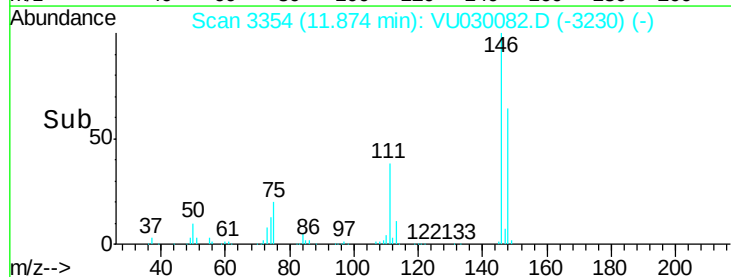
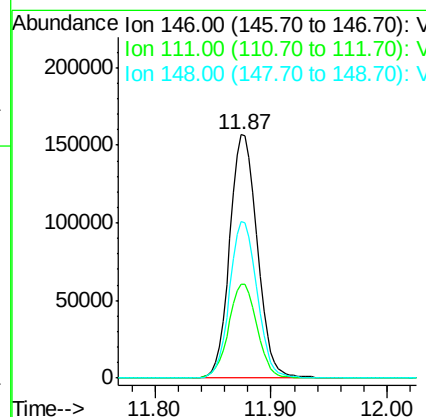
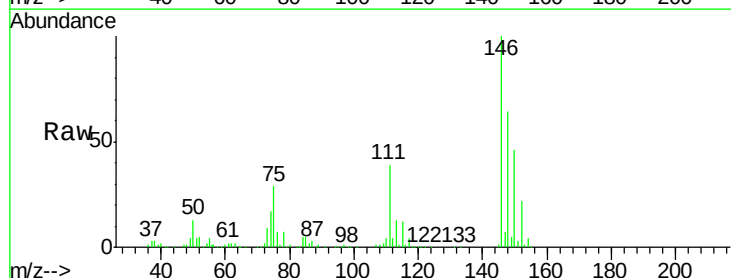
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5DL

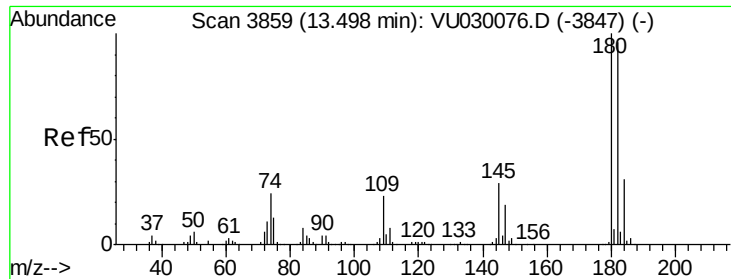
Tgt Ion:146 Resp: 49315
 Ion Ratio Lower Upper
 146 100
 111 37.3 25.5 47.3
 148 65.5 45.0 83.6



#65
 1,2-Dichlorobenzene
 Concen: 36.164 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU030082.D
 Acq: 14 Mar 2019 18:30

Tgt Ion:146 Resp: 259272
 Ion Ratio Lower Upper
 146 100
 111 38.8 30.9 46.3
 148 64.5 51.2 76.8





#68

1,2,4-trichlorobenzene

Concen: 9.489 ug/L

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU030082.D

Acq: 14 Mar 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

C0BQ5DL

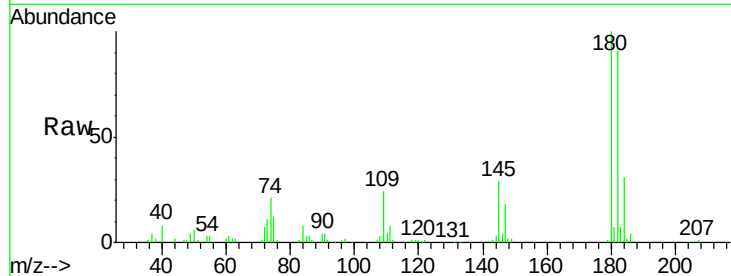
Tgt Ion:180 Resp: 47986

Ion Ratio Lower Upper

180 100

182 93.6 76.1 114.1

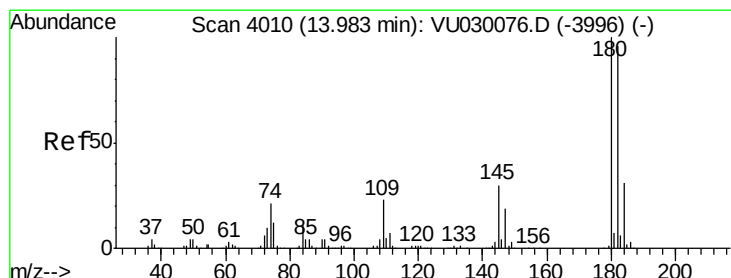
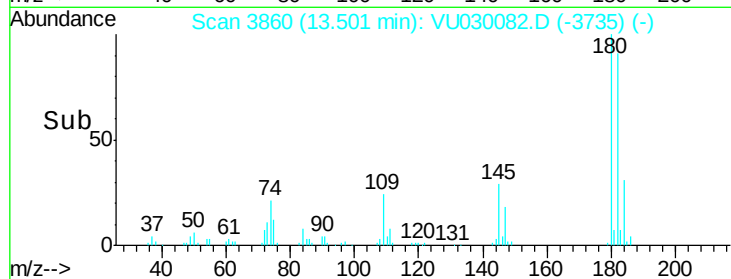
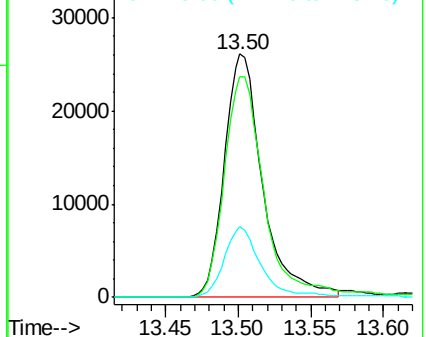
145 26.4 23.0 34.4



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



#70

1,2,3-Trichlorobenzene

Concen: 6.290 ug/L

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU030082.D

Acq: 14 Mar 2019 18:30

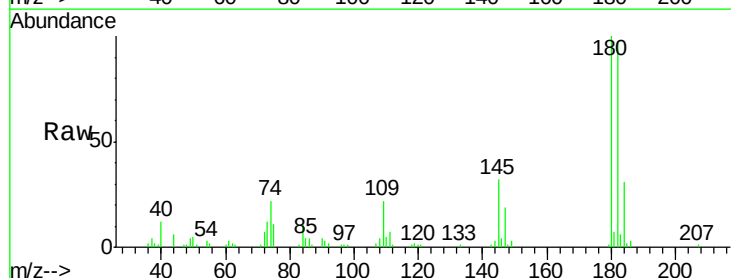
Tgt Ion:180 Resp: 33041

Ion Ratio Lower Upper

180 100

182 93.4 75.9 113.9

145 31.6 24.0 36.0



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

