

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030479.D
 Acq On : 27 Mar 2019 13:32
 Operator : JC/SP
 Sample : K2022-13 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09D0

Quant Time: Mar 28 02:11:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:25:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	436511	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173739	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155699	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.68	69	133451	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.86%
11) 1,1-Dichloroethene-d2	2.27	63	231416	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	4.17	46	326868	98.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.98%
24) Chloroform-d	4.64	84	296539	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.31	65	200642	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
32) Benzene-d6	5.34	84	595779	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
36) 1,2-Dichloropropane-d6	6.33	67	212800	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.22%
41) Toluene-d8	7.56	98	503909	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%
43) trans-1,3-Dichloropropene-	7.85	79	90685	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.31	63	214041	96.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291493	49.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	180623	51.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.78%

Target Compounds

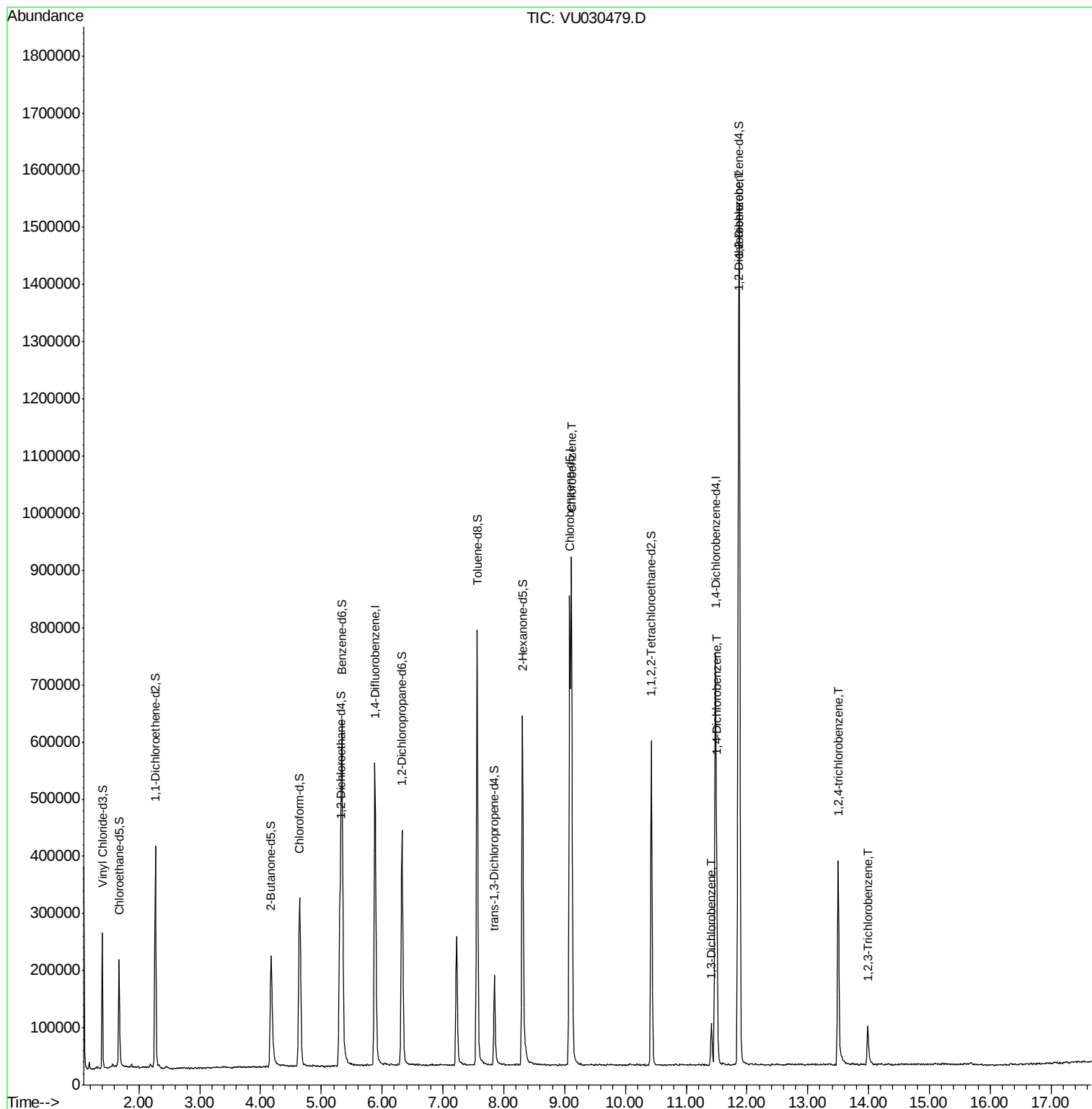
					Ovalue
51) Chlorobenzene	9.12	112	441135	49.505 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	28973	5.099 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	113835	19.462 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	514359	89.530 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	112769	30.513 ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	24482	6.273 ug/L	98

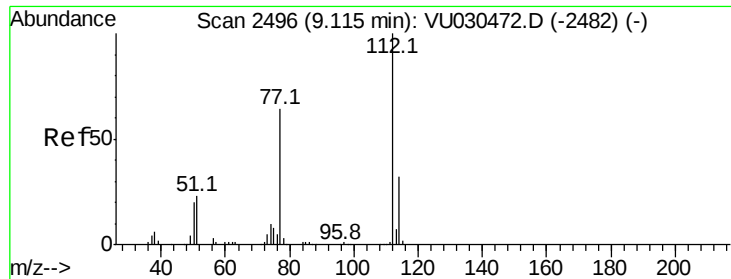
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032719\
Data File : VU030479.D
Acq On : 27 Mar 2019 13:32
Operator : JC/SP
Sample : K2022-13 40X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09D0

Quant Time: Mar 28 02:11:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 49.505 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU030479.D

Acq: 27 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

C09D0

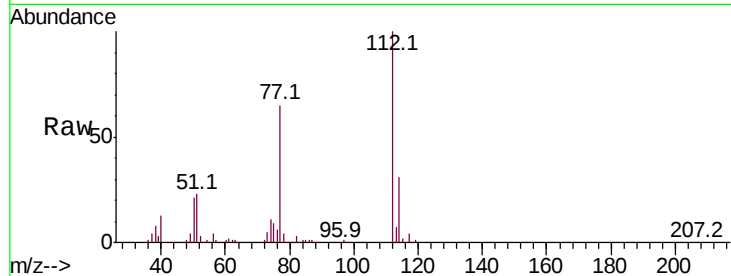
Tot Ion:112 Resp: 441135

Ion Ratio Lower Upper

112 100

114 31.4 21.5 39.9

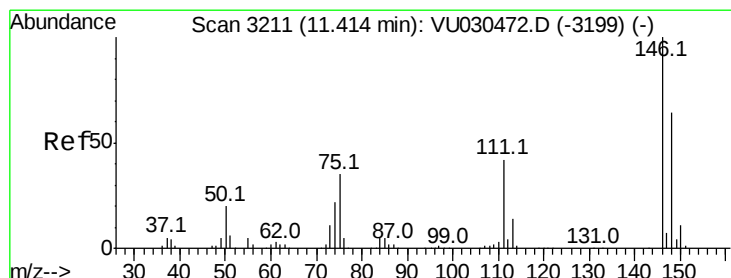
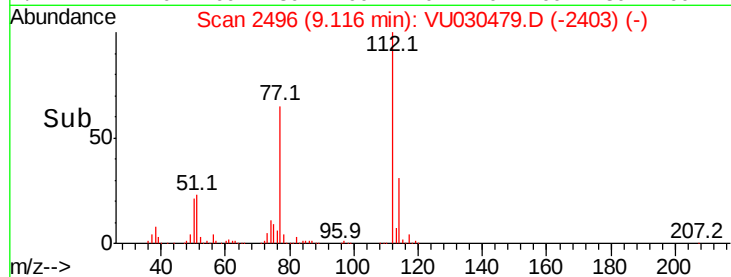
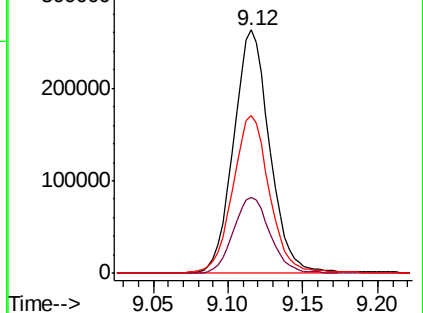
77 64.9 51.4 77.0



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: 5.099 ug/L

RT: 11.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU030479.D

Acq: 27 Mar 2019 13:32

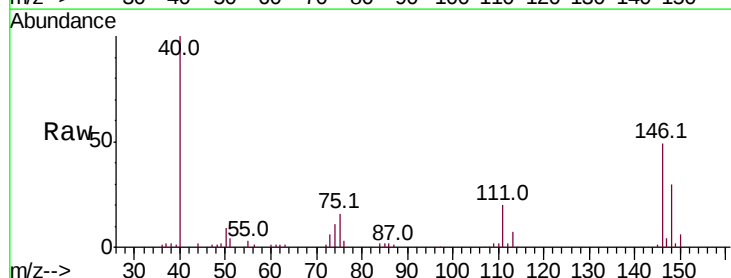
Tgt Ion:146 Resp: 28973

Ion Ratio Lower Upper

146 100

111 40.8 29.2 54.2

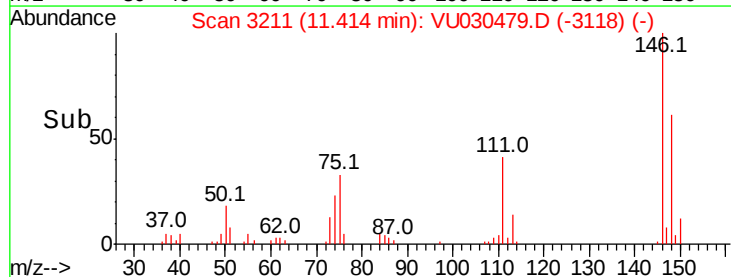
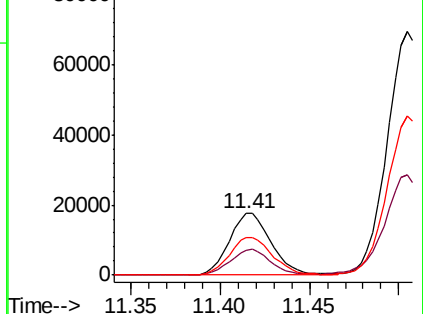
148 60.9 44.4 82.4

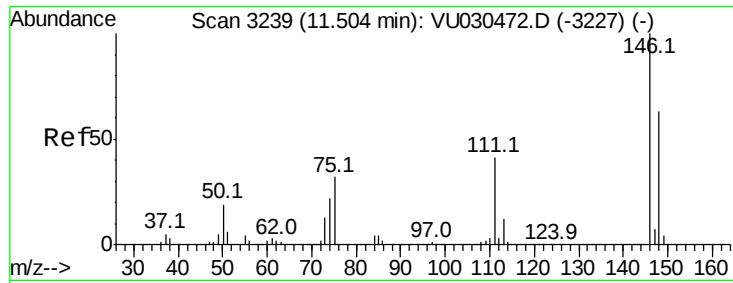


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

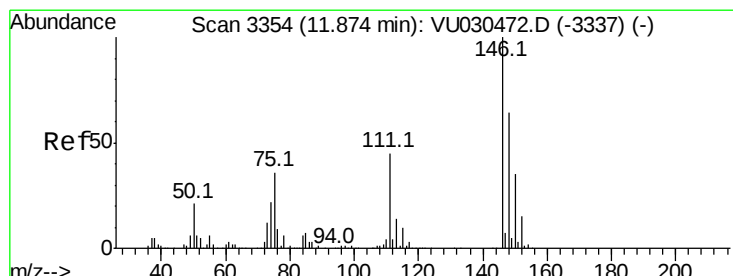
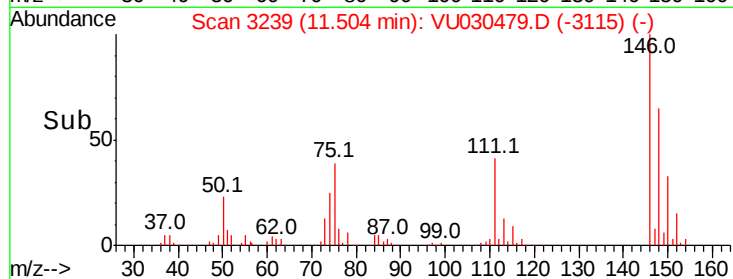
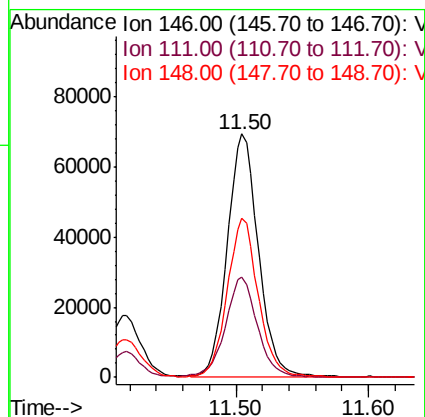
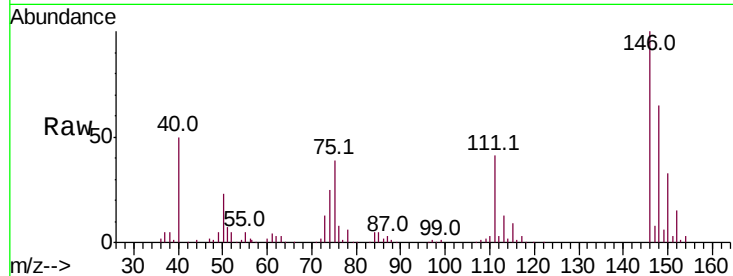




#63
 1,4-Dichlorobenzene
 Concen: 19.462 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030479.D
 Acq: 27 Mar 2019 13:32

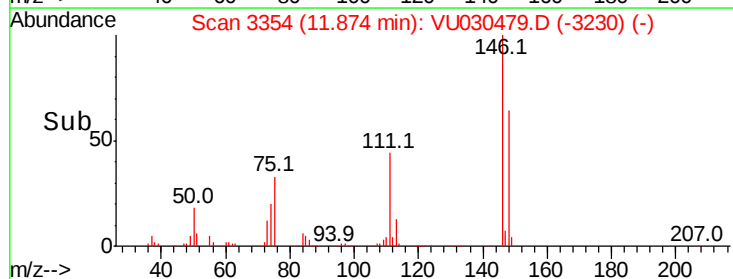
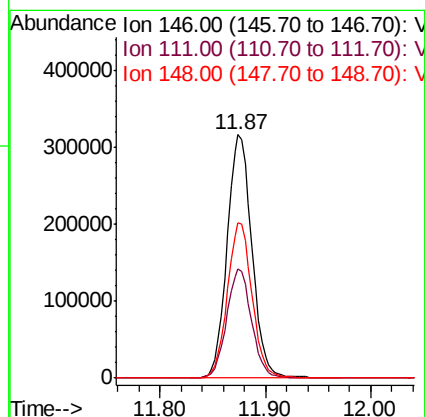
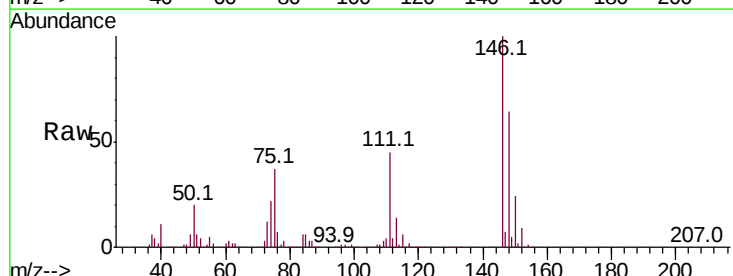
Instrument :
 MSVOA_U
 ClientSampleId :
 C09D0

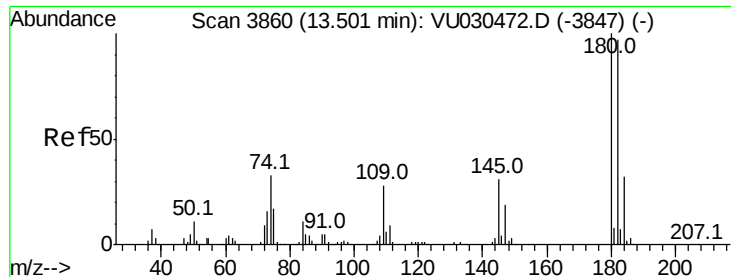
Tot Ion:146 Resp: 113835
 Ion Ratio Lower Upper
 146 100
 111 41.2 28.7 53.3
 148 65.3 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 89.530 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU030479.D
 Acq: 27 Mar 2019 13:32

Tgt Ion:146 Resp: 514359
 Ion Ratio Lower Upper
 146 100
 111 44.7 34.9 52.3
 148 63.6 51.2 76.8

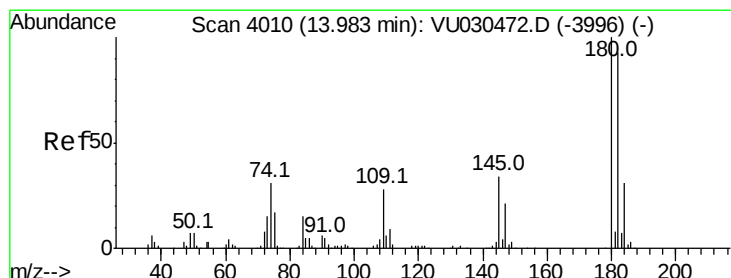
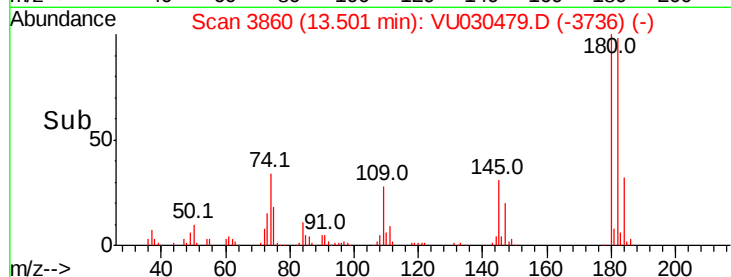
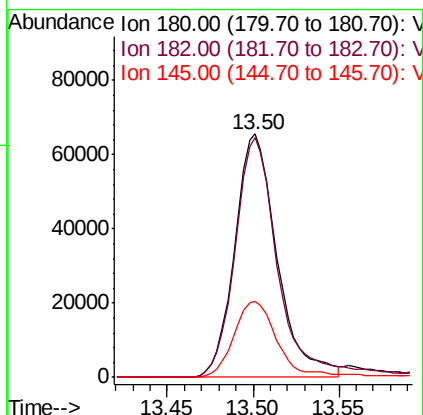
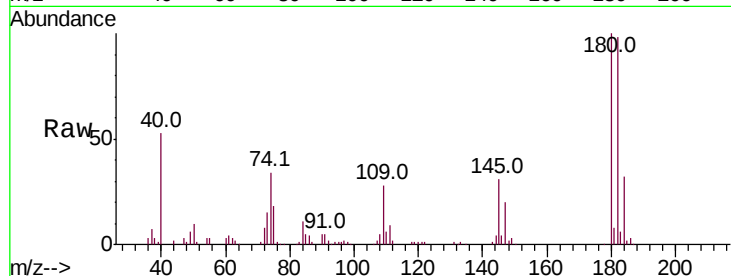




#68
1,2,4-trichlorobenzene
Concen: 30.513 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
C09D0

Tot Ion:180 Resp: 112769
Ion Ratio Lower Upper
180 100
182 100.2 76.1 114.1
145 30.6 24.5 36.7



#70
1,2,3-Trichlorobenzene
Concen: 6.273 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion:180 Resp: 24482
Ion Ratio Lower Upper
180 100
182 96.1 77.4 116.2
145 30.1 25.9 38.9

