

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014202.D
 Acq On : 27 Dec 2019 19:55
 Operator : SY/MD
 Sample : K6432-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6X5

Quant Time: Dec 28 17:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	730483	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	670674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	295027	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221090	6.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.20%
7) Chloroethane-d5	1.58	69	191397	6.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.40%#
11) 1,1-Dichloroethene-d2	2.13	63	272493	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.92	46	589828	69.40	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.80%#
24) Chloroform-d	4.40	84	446786	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.08	65	233680	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.10	84	993169	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.11	67	304941	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.36	98	868307	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.66	79	119643	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.13	63	480474	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	215848	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	266034	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

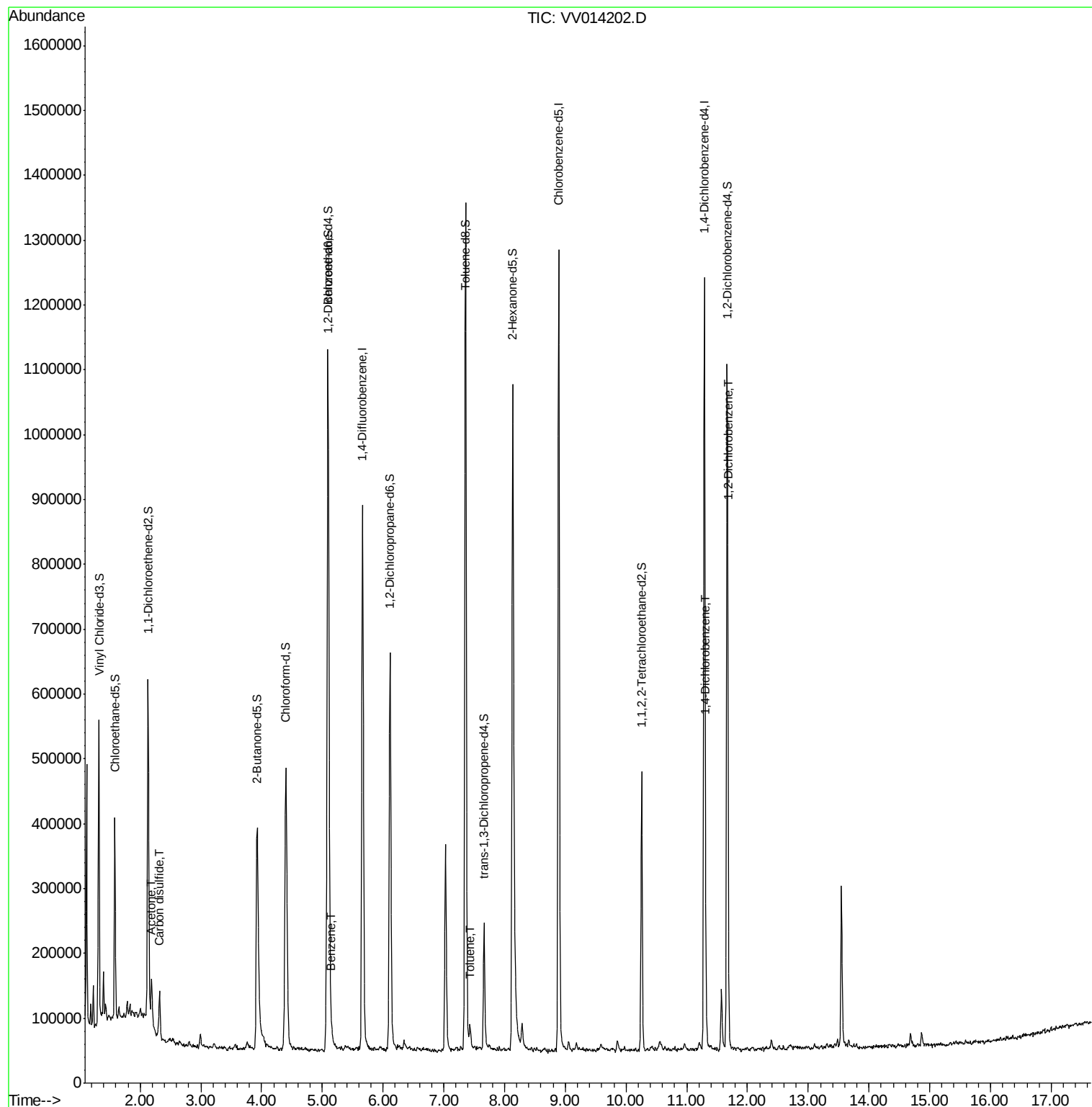
					Ovalue
13) Acetone	2.19	43	53083	10.127	ug/L 100
14) Carbon disulfide	2.32	76	77574	0.549	ug/L 99
33) Benzene	5.15	78	22528	0.109	ug/L 100
42) Toluene	7.43	91	24363	0.107	ug/L 95
63) 1,4-Dichlorobenzene	11.32	146	30343	0.311	ug/L 95
65) 1,2-Dichlorobenzene	11.68	146	13219	0.148	ug/L # 93

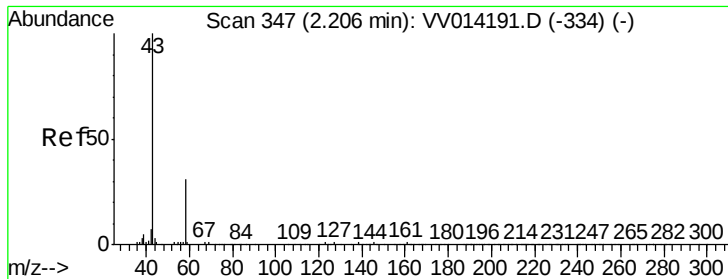
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.127 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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Acq: 27 Dec 2019 19:55

Instrument :

MSVOA_V

ClientSampleId :

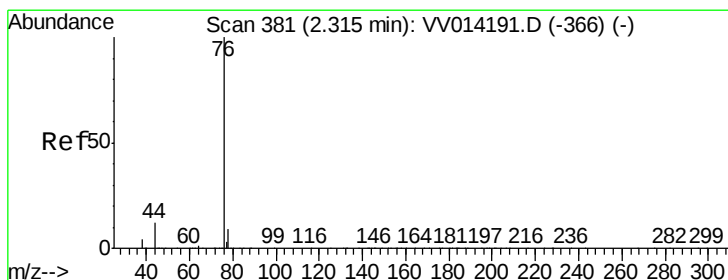
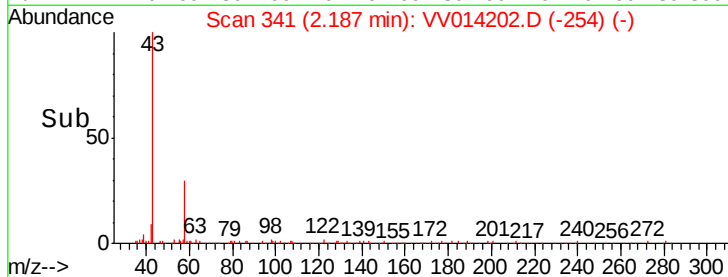
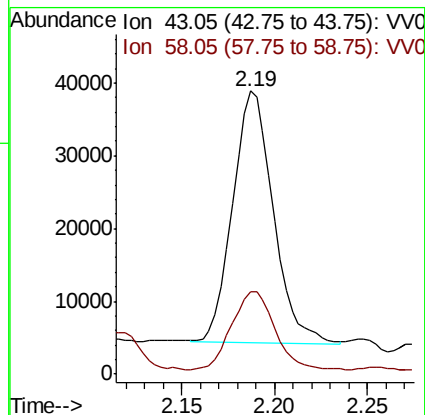
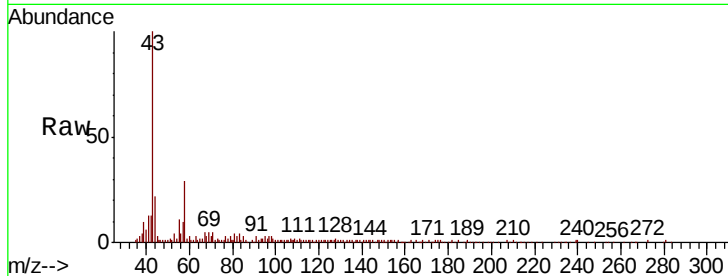
BF6X5

Tot Ion: 43 Resp: 53083

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.0



#14

Carbon disulfide

Concen: 0.549 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014202.D

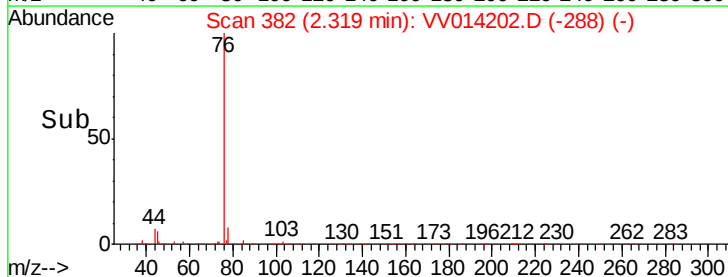
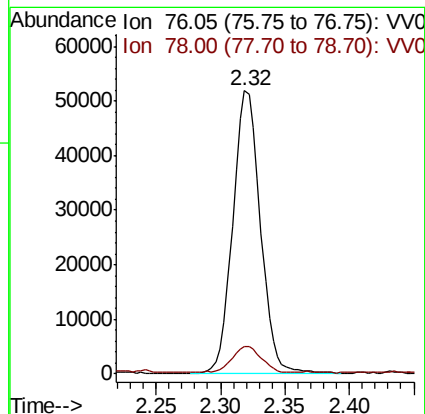
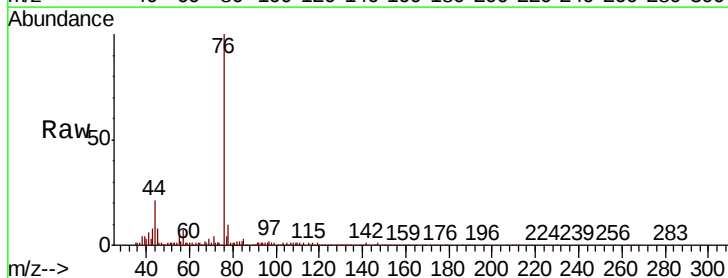
Acq: 27 Dec 2019 19:55

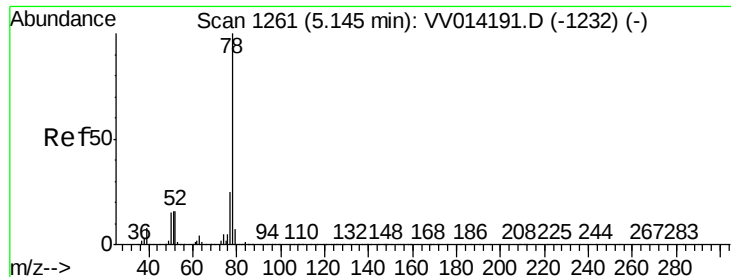
Tgt Ion: 76 Resp: 77574

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3





#33

Benzene

Concen: 0.109 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VV014202.D

Acq: 27 Dec 2019 19:55

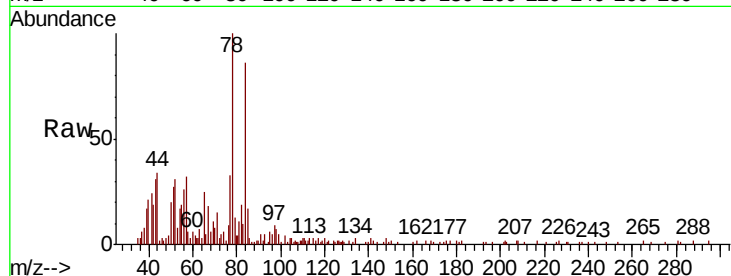
Instrument :

MSVOA_V

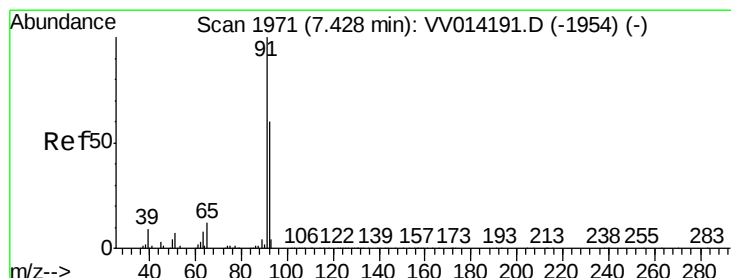
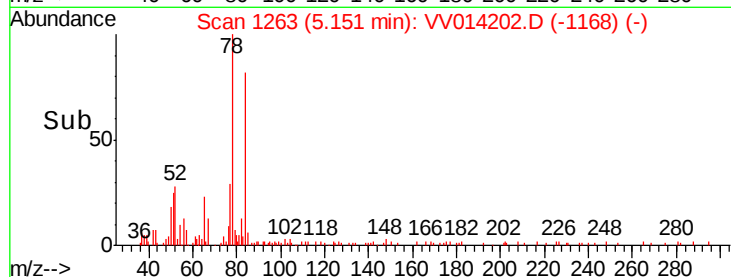
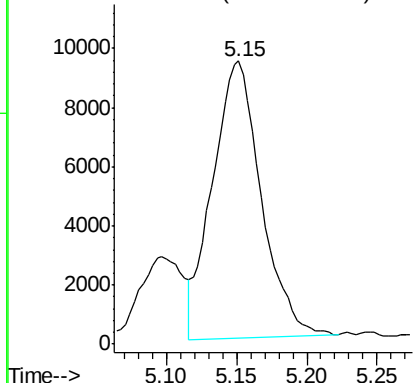
ClientSampleId :

BF6X5

Tgt Ion: 78 Resp: 22528



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.107 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014202.D

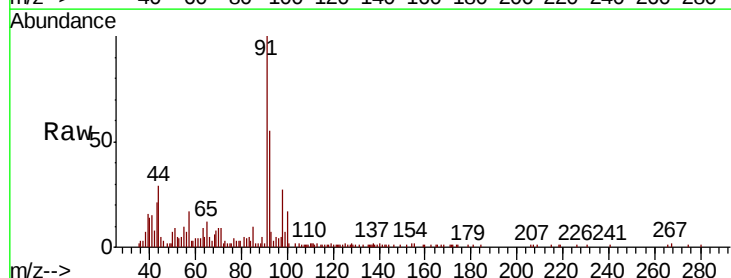
Acq: 27 Dec 2019 19:55

Tgt Ion: 91 Resp: 24363

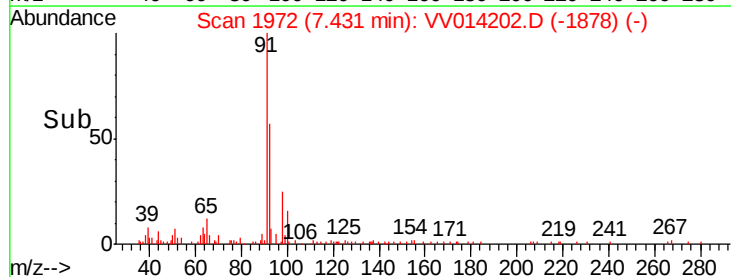
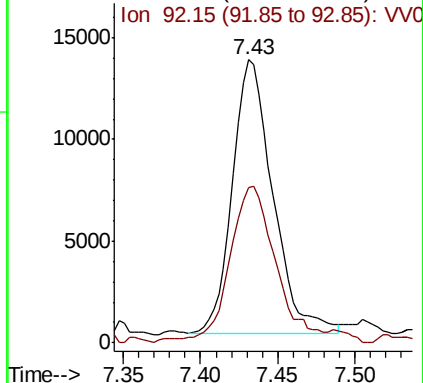
Ion Ratio Lower Upper

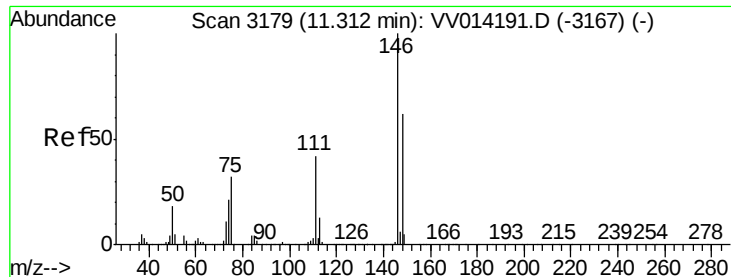
91 100

92 55.1 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

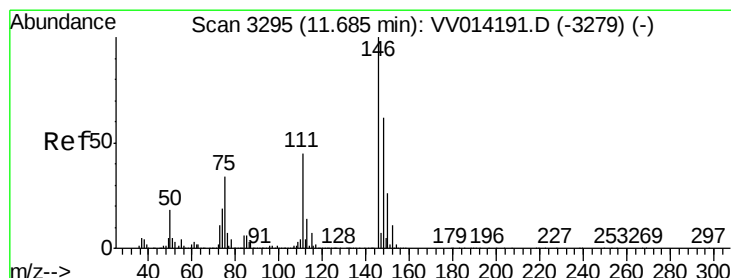
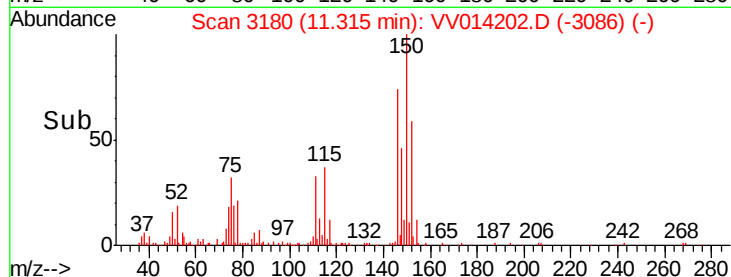
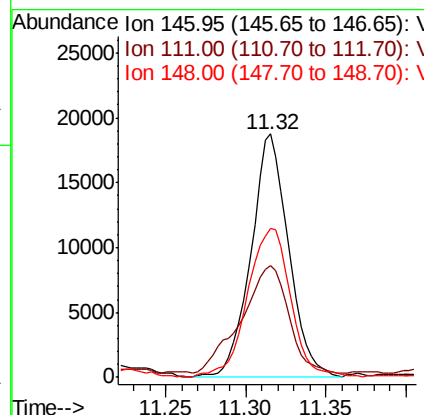
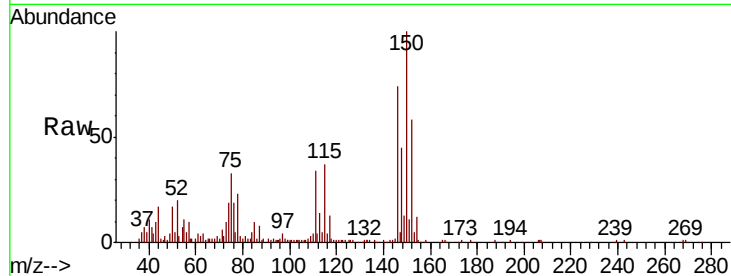




#63
 1,4-Dichlorobenzene
 Concen: 0.311 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV014202.D
 Acq: 27 Dec 2019 19:55

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6X5

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	28.8	53.4
148	61.1	44.5	82.7



#65
 1,2-Dichlorobenzene
 Concen: 0.148 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV014202.D
 Acq: 27 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	55.1	36.4	54.6#
148	62.8	51.3	76.9

