

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014324.D
 Acq On : 12 Dec 2019 14:20
 Operator : SY/VA
 Sample : K6238-04RE
 Misc : 3.98G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFPZ7RE

Quant Time: Dec 13 06:10:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1016154	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	705072	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	167304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	368632	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
7) Chloroethane-d5	2.89	69	306355	26.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.12%
10) 1,1-Dichloroethene-d2	4.01	63	522108	19.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.84%
20) 2-Butanone-d5	7.24	46	302	0.08	ug/L	0.18
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.16%#
24) Chloroform-d	7.65	84	656830	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.30	65	330534	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	1348619	32.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.56%
33) 1,2-Dichloropropane-d6	9.27	67	405654	31.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.64%#
37) Toluene-d8	10.32	98	1054502	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.88%
38) trans-1,3-Dichloropropene-	10.57	79	121239	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.92	63	81726	32.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	190326	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	145407	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds

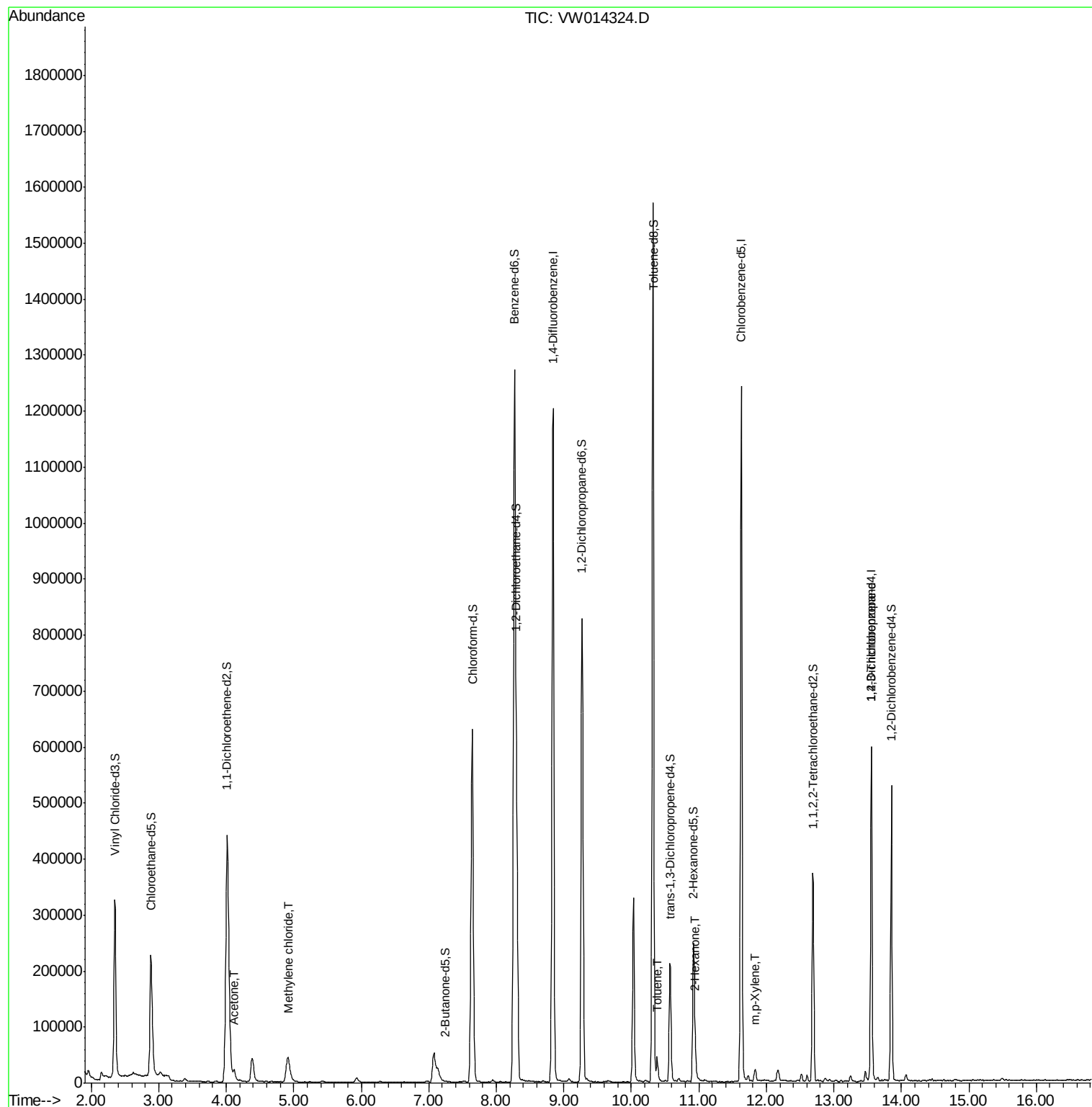
					Ovalue
13) Acetone	4.12	43	32345	8.366 ug/L	94
16) Methylene chloride	4.92	84	41704	2.677 ug/L	96
44) Toluene	10.38	91	30240	0.646 ug/L	98
49) 2-Hexanone	10.95	43	19437	3.610 ug/L	# 39
54) m,p-Xylene	11.83	106	5803	0.297 ug/L	75
59) 1,2,3-Trichloropropane	13.55	75	20094	2.535 ug/L	93

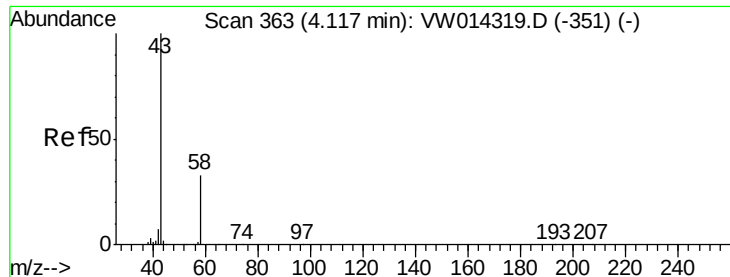
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:08:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.366 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014324.D

Acq: 12 Dec 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

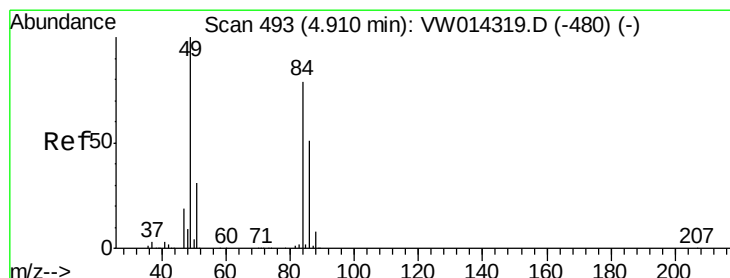
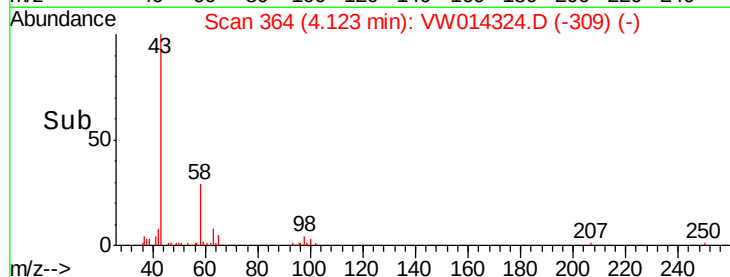
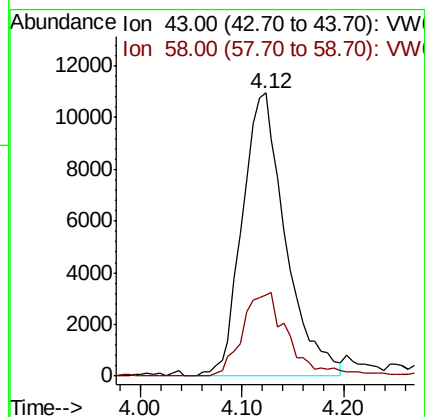
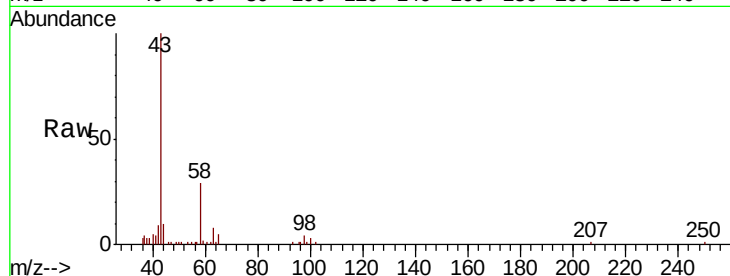
BFPZ7RE

Tot Ion: 43 Resp: 32345

Ion Ratio Lower Upper

43 100

58 29.2 0.0 65.4



#16

Methylene chloride

Concen: 2.677 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014324.D

Acq: 12 Dec 2019 14:20

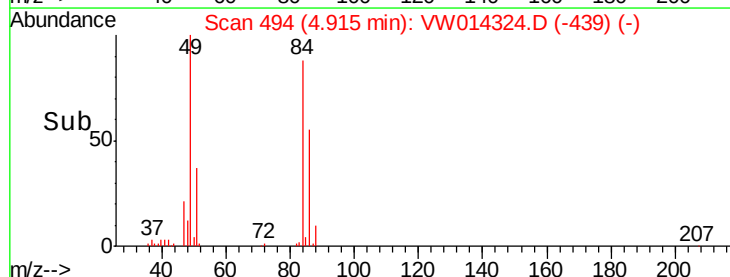
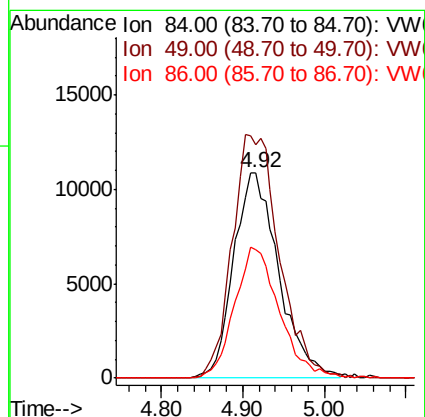
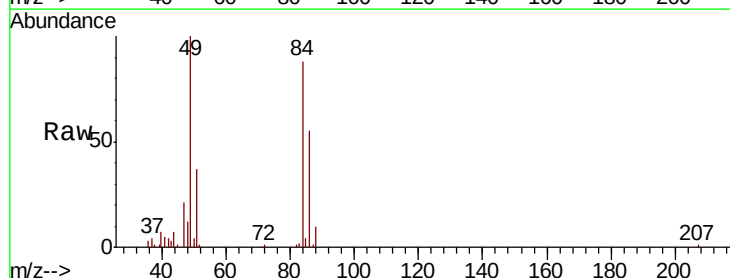
Tgt Ion: 84 Resp: 41704

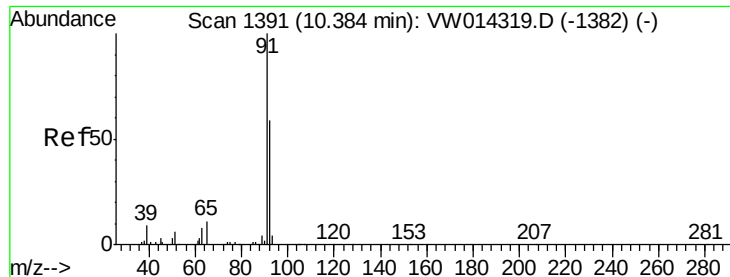
Ion Ratio Lower Upper

84 100

49 113.3 84.2 156.4

86 62.4 43.7 81.1





#44

Toluene

Concen: 0.646 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

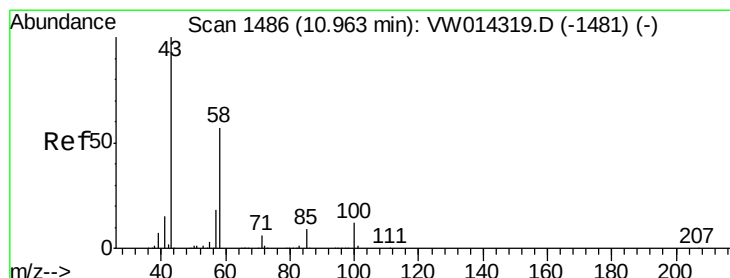
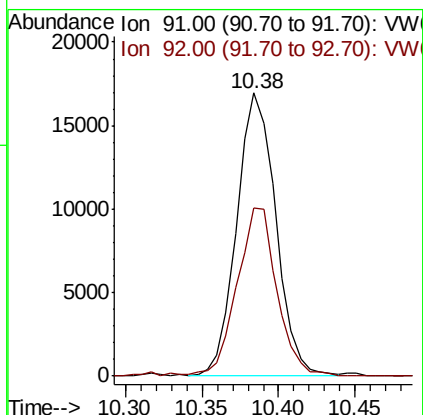
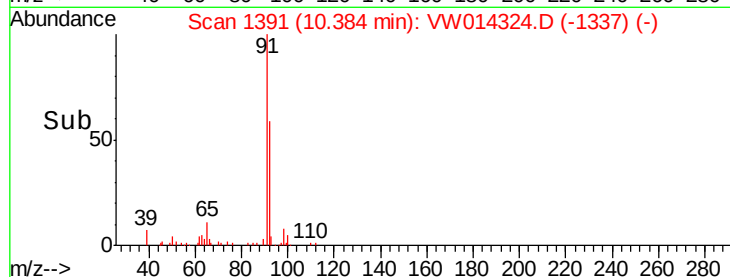
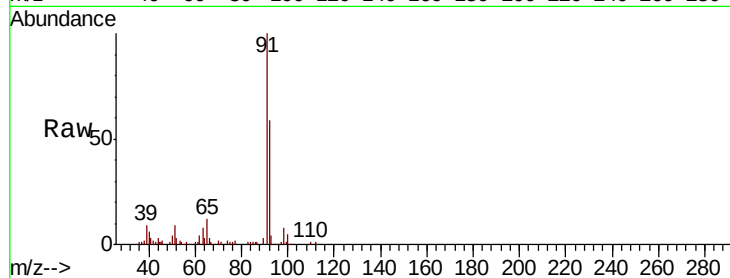
BFPZ7RE

Tot Ion: 91 Resp: 30240

Ion Ratio Lower Upper

91 100

92 59.4 40.7 75.7



#49

2-Hexanone

Concen: 3.610 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.01 min

Lab File: VW014324.D

Acq: 12 Dec 2019 14:20

Tgt Ion: 43 Resp: 19437

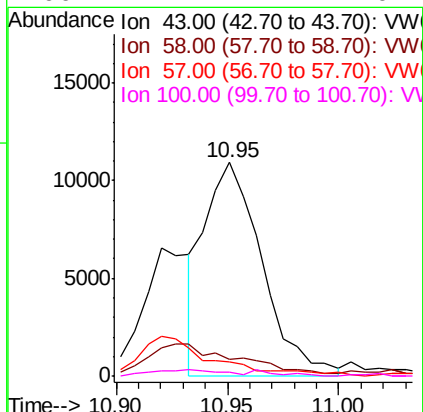
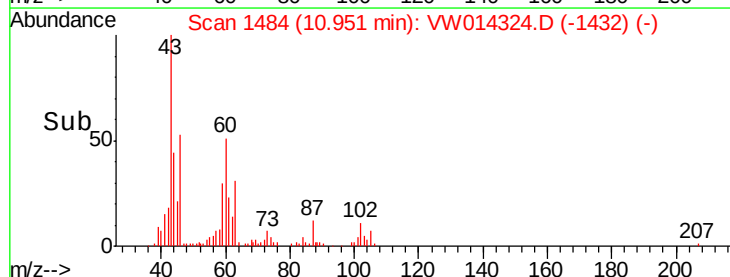
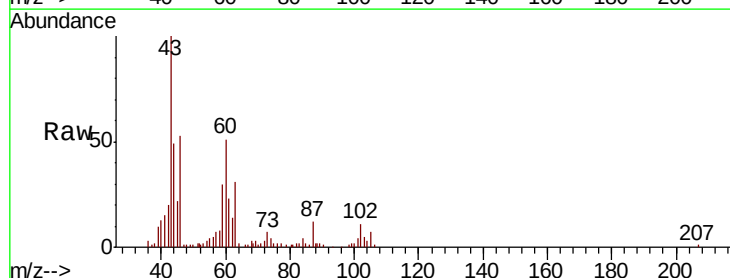
Ion Ratio Lower Upper

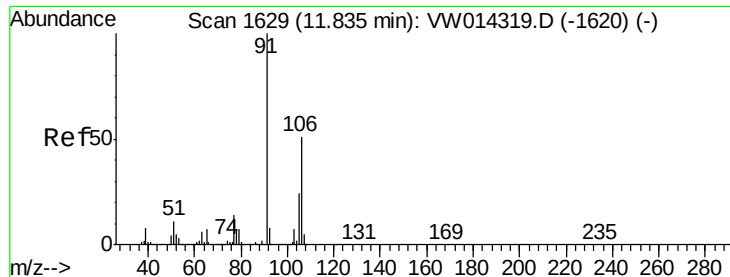
43 100

58 0.0 44.4 66.6#

57 2.8 16.5 24.7#

100 1.1 11.1 16.7#





#54

m,p-Xylene

Concen: 0.297 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014324.D

Acq: 12 Dec 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

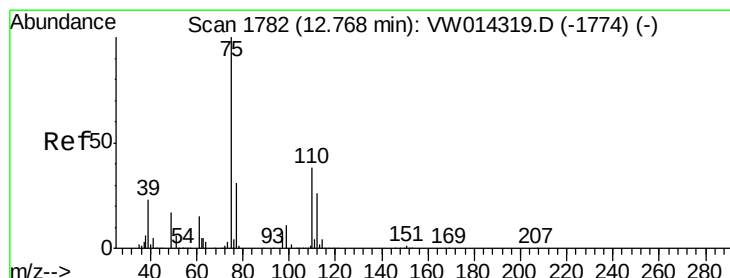
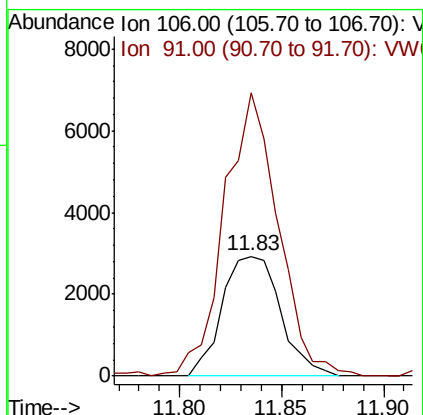
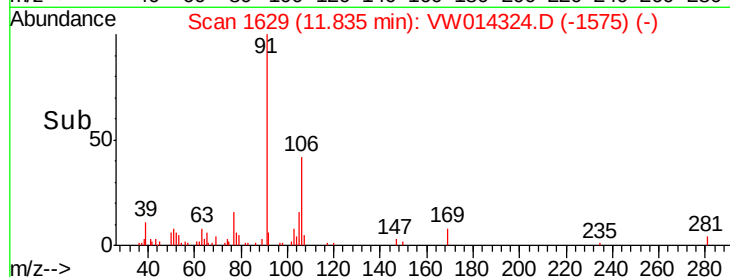
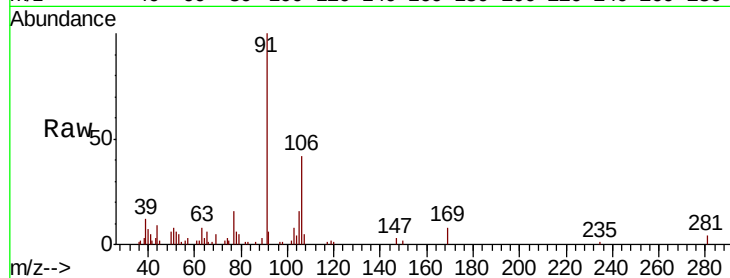
BFPZ7RE

Tot Ion:106 Resp: 5803

Ion Ratio Lower Upper

106 100

91 236.5 138.7 257.5



#59

1,2,3-Trichloropropane

Concen: 2.535 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014324.D

Acq: 12 Dec 2019 14:20

Tgt Ion: 75 Resp: 20094

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9

