

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011384.D
 Acq On : 11 Jun 2019 09:18
 Operator : SY/MD
 Sample : K3226-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP1

Quant Time: Jun 12 02:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 02:23:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144558	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38890	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.55	69	35436	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.12	63	65166	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.95	46	147289	59.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.46%
24) Chloroform-d	4.40	84	86897	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	50680	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	167442	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.12	67	53792	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.36	98	147406	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.66	79	14682	3.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.40%
46) 2-Hexanone-d5	8.13	63	109813	54.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41352	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	49927	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

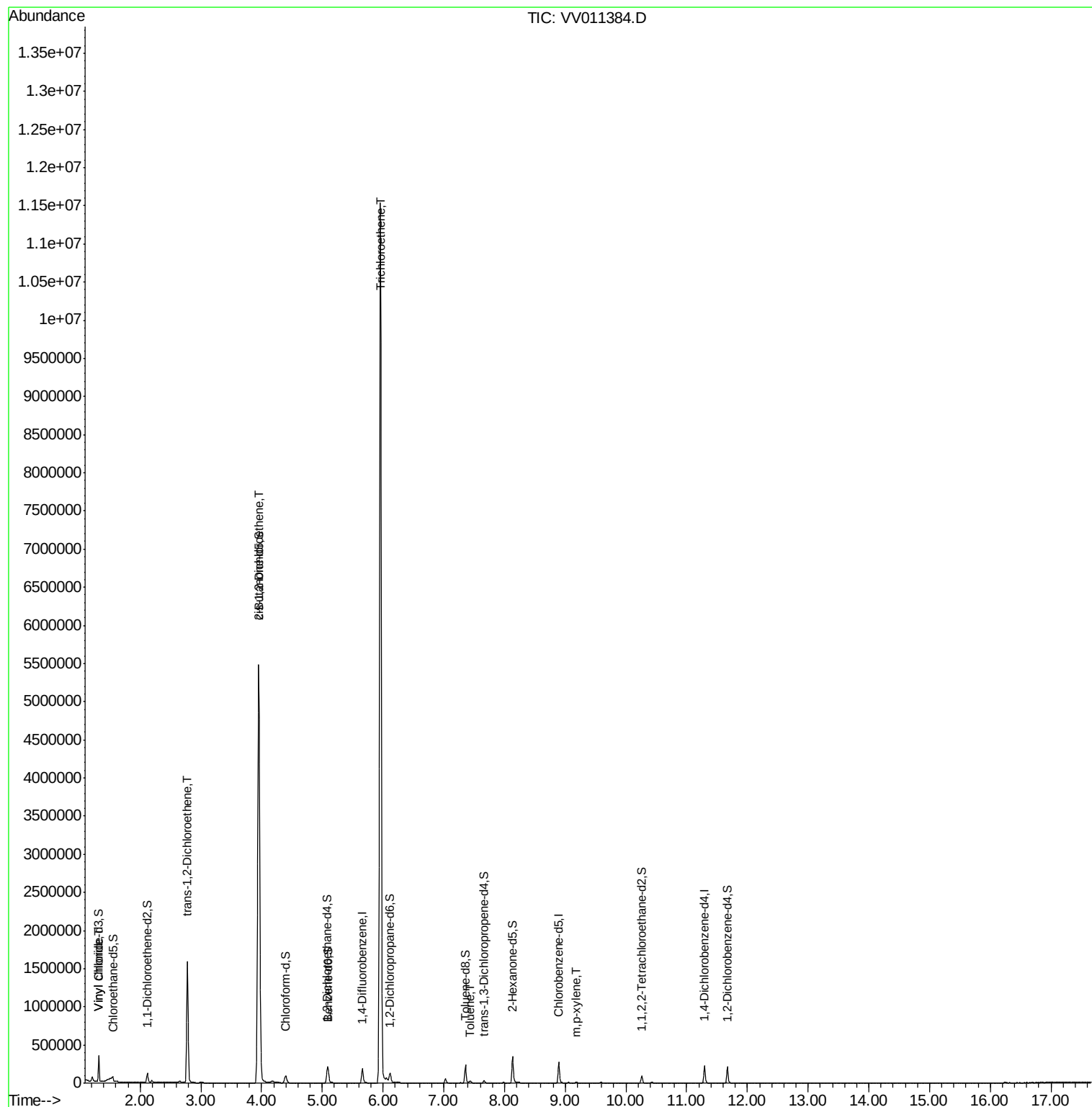
					Ovalue
5) Vinyl chloride	1.32	62	148940	11.199	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	511868	50.196	ug/L 94
22) cis-1,2-Dichloroethene	3.95	96	2767258	245.038	ug/L 98
34) Trichloroethene	5.96	95	3806864	340.590	ug/L 97
42) Toluene	7.43	91	14423	0.313	ug/L 97
53) m,p-xylene	9.18	106	3203	0.169	ug/L 68

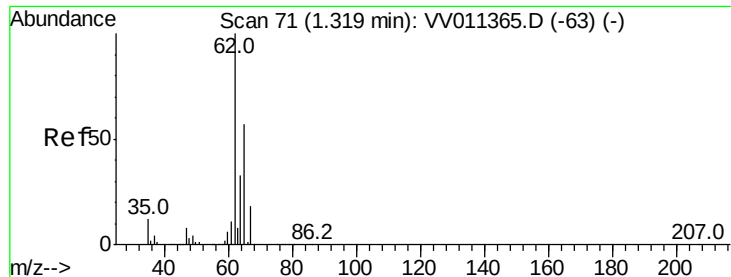
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 02:23:01 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.199 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011384.D

Acq: 11 Jun 2019 09:18

Instrument :

MSVOA_V

ClientSampled :

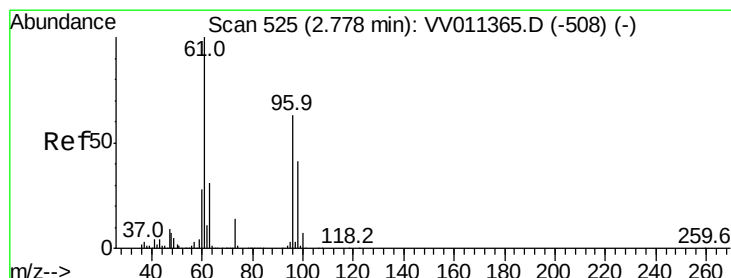
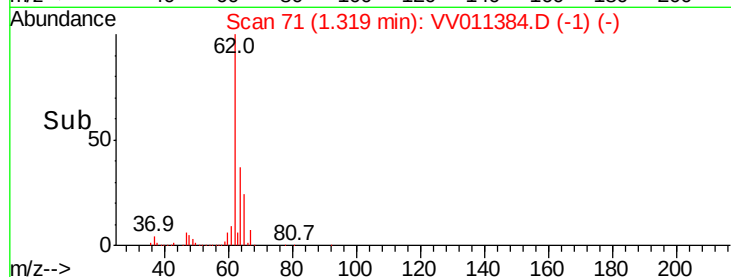
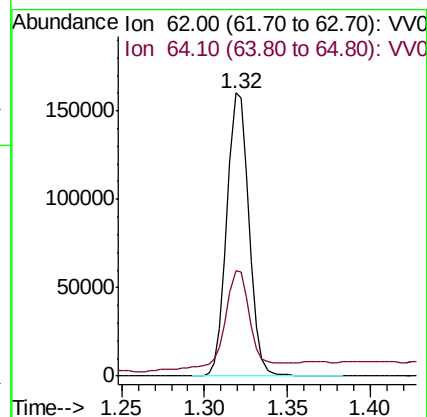
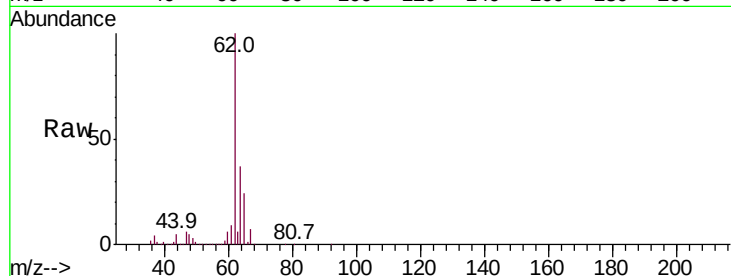
BFCP1

Tot Ion: 62 Resp: 148940

Ion Ratio Lower Upper

62 100

64 37.4 25.9 48.1



#18

trans-1,2-Dichloroethene

Concen: 50.196 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV011384.D

Acq: 11 Jun 2019 09:18

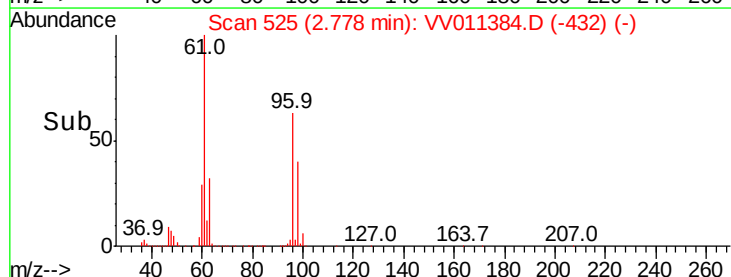
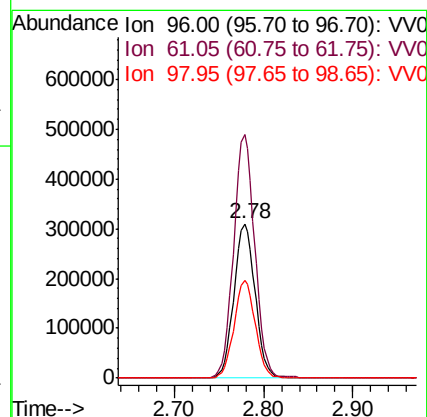
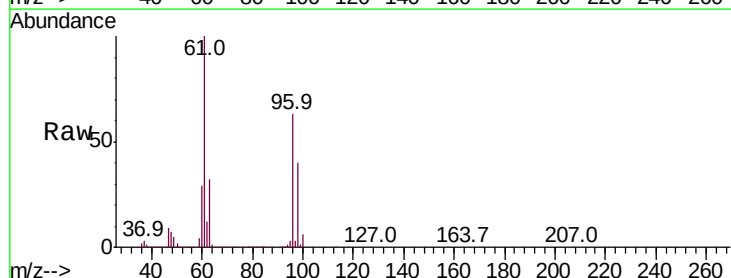
Tgt Ion: 96 Resp: 511868

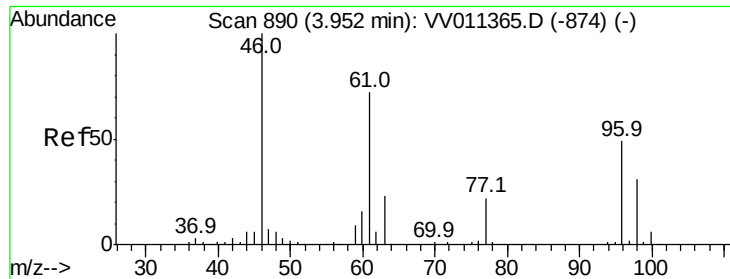
Ion Ratio Lower Upper

96 100

61 157.8 104.0 193.2

98 63.3 45.7 84.9



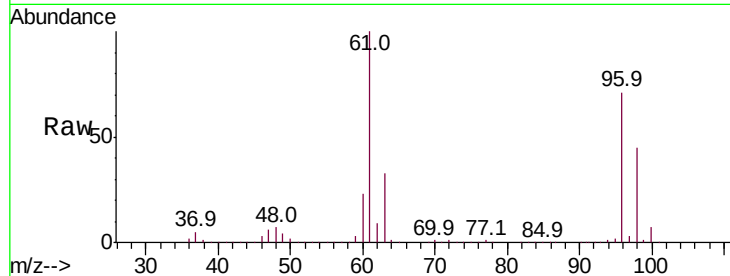


#22

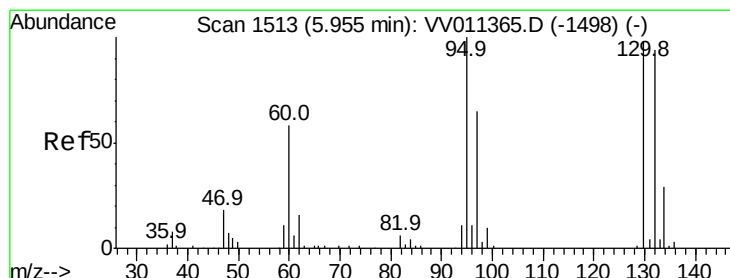
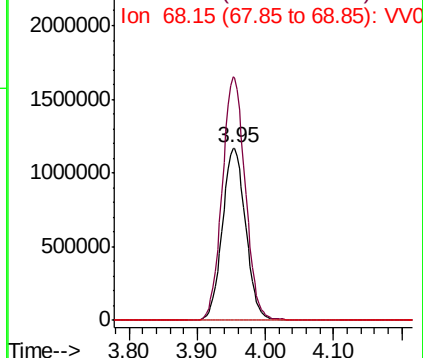
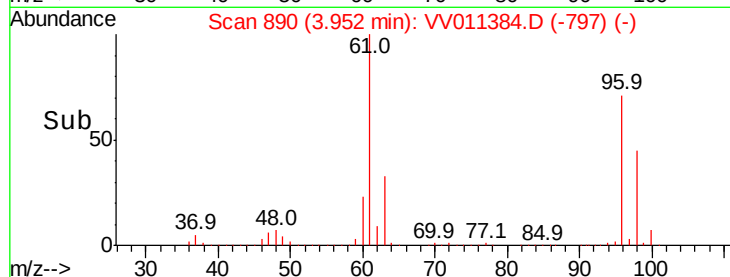
cis-1,2-Dichloroethene
Concen: 245.038 ug/L
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VV011384.D
Acq: 11 Jun 2019 09:18

Instrument :
MSVOA_V
ClientSampleId :
BFCP1

Tot Ion: 96 Resp: 2767258
Ion Ratio Lower Upper
96 100
61 141.2 100.8 187.2
68 0.0 0.0 0.0



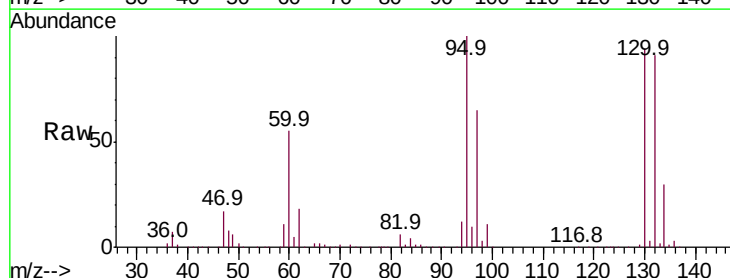
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



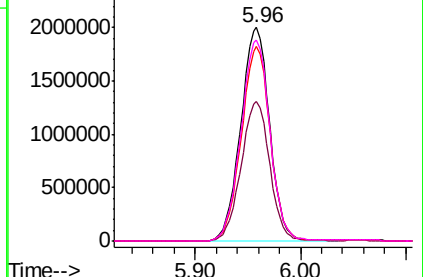
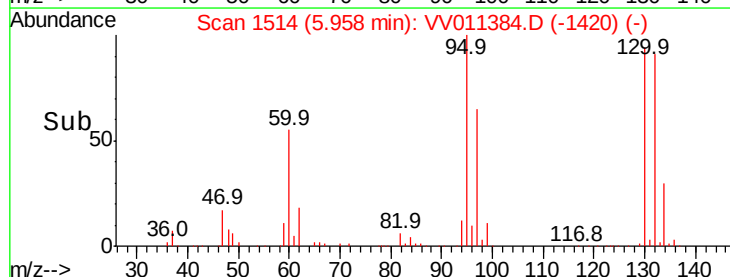
#34

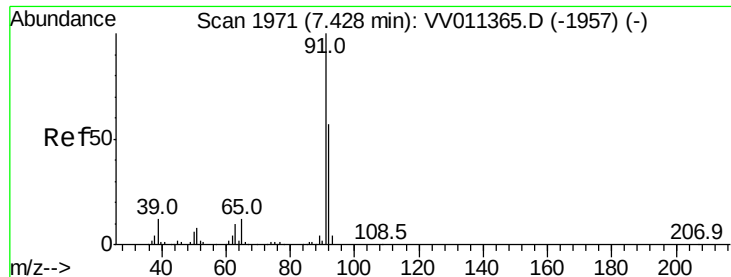
Trichloroethene
Concen: 340.590 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011384.D
Acq: 11 Jun 2019 09:18

Tgt Ion: 95 Resp: 3806864
Ion Ratio Lower Upper
95 100
97 65.3 45.8 85.2
132 91.0 66.4 123.2
130 94.4 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 0.313 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011384.D

Acq: 11 Jun 2019 09:18

Instrument :

MSVOA_V

ClientSampled :

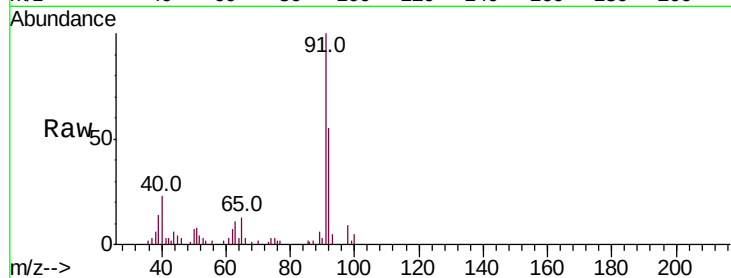
BFCP1

Tot Ion: 91 Resp: 14423

Ion Ratio Lower Upper

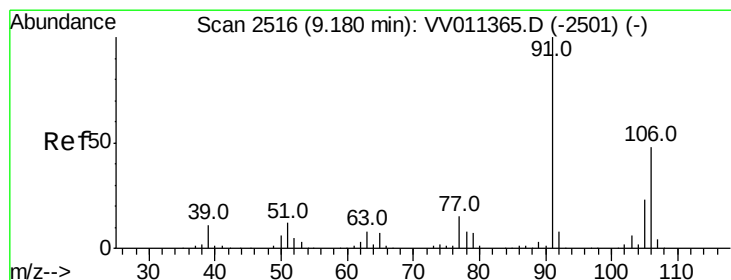
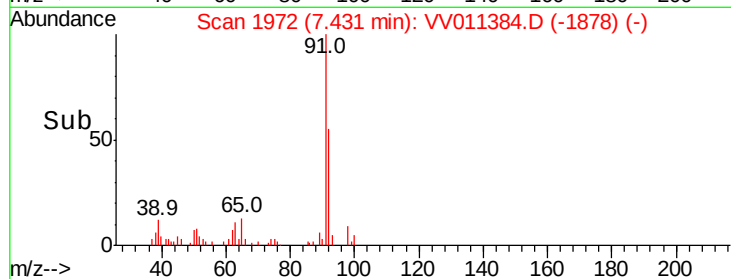
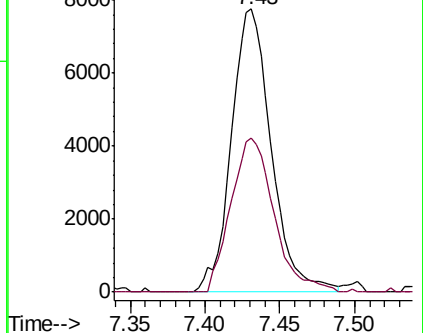
91 100

92 54.6 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011365.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV011384.D (-1878) (-)



#53

m,p-xylene

Concen: 0.169 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV011384.D

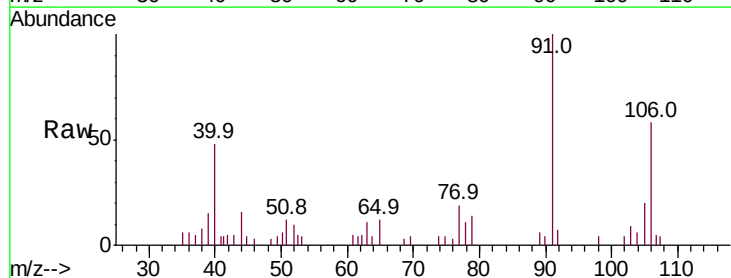
Acq: 11 Jun 2019 09:18

Tgt Ion: 106 Resp: 3203

Ion Ratio Lower Upper

106 100

91 158.0 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): VV011365.D (-2501) (-)

Ion 91.15 (90.85 to 91.85): VV011384.D (-1878) (-)

