

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007529.D
 Acq On : 14 Sep 2018 00:12
 Operator : SY/MD
 Sample : J4871-21
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 14 07:23:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	132240	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27655	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.59	69	25439	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.14	63	48022	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.97	46	58924	61.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.32%
24) Chloroform-d	4.41	84	60240	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.09	65	30342	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	119954	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.12	67	35279	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	117585	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	14349	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.15	63	28668	48.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24466	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	47743	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

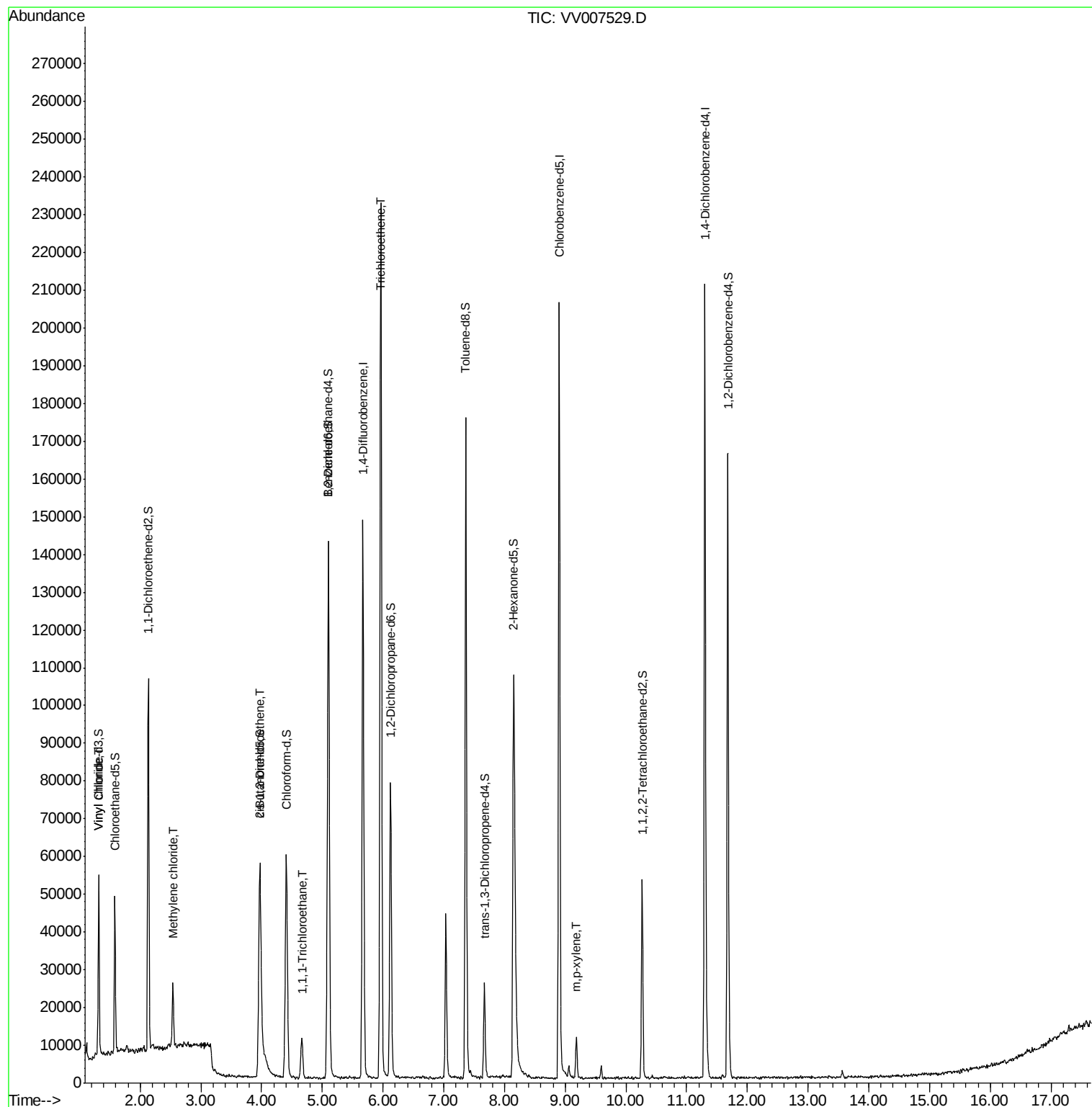
					Qvalue
5) Vinyl chloride	1.32	62	1801	0.259 ug/L	# 67
16) Methylene chloride	2.54	84	7603	1.048 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	16013	2.225 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	8492	0.745 ug/L	99
34) Trichloroethene	5.96	95	76154	10.259 ug/L	97
53) m,p-xylene	9.19	106	3321	0.272 ug/L	98

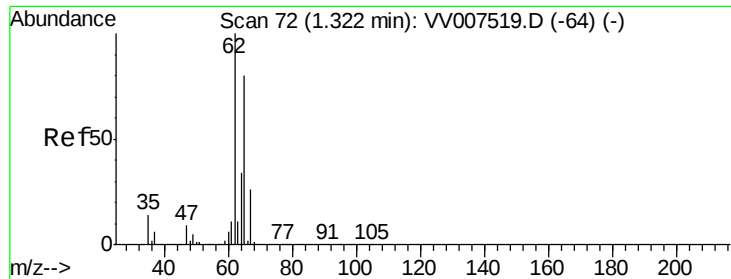
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.259 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 14 Sep 2018 00:12

Instrument :

MSVOA_V

ClientSampleId :

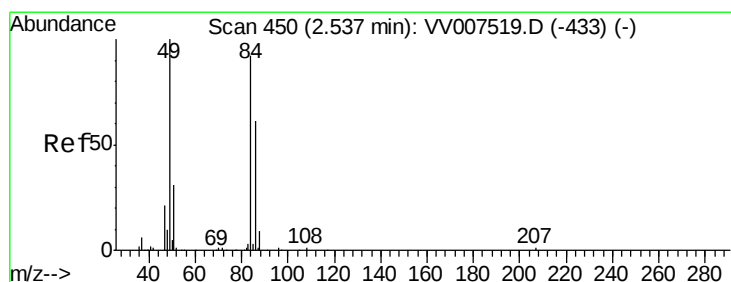
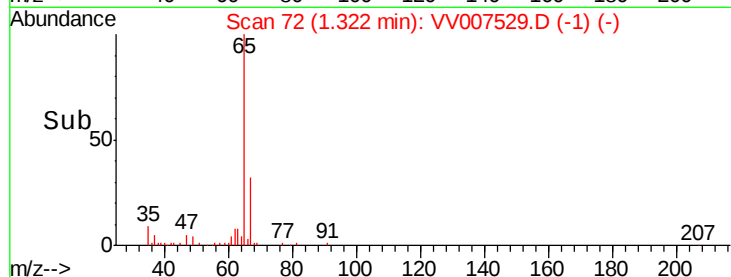
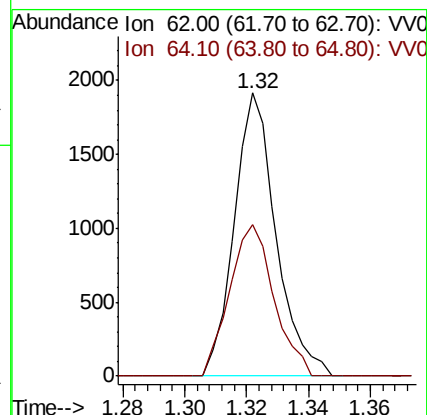
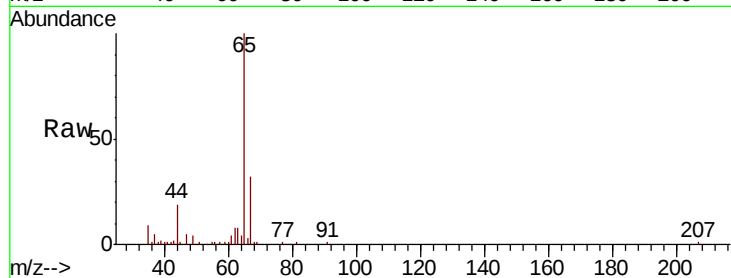
VHBLK01

Tgt Ion: 62 Resp: 1801

Ion Ratio Lower Upper

62 100

64 53.7 24.4 45.2#



#16

Methylene chloride

Concen: 1.048 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007529.D

Acq: 14 Sep 2018 00:12

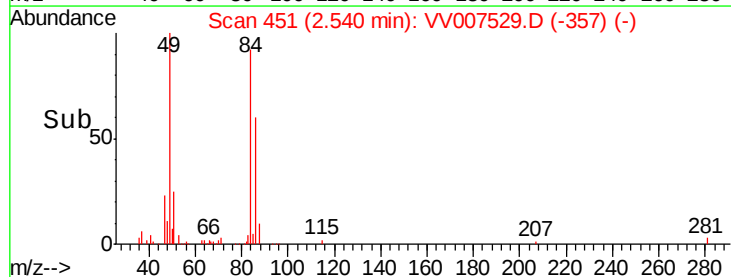
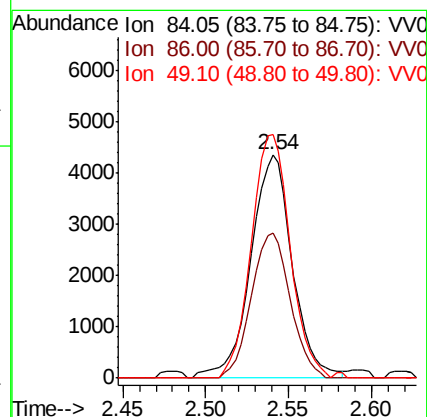
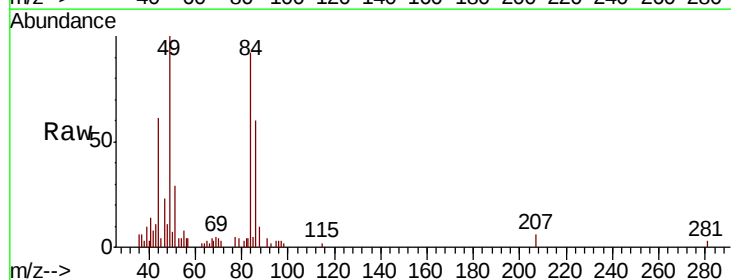
Tgt Ion: 84 Resp: 7603

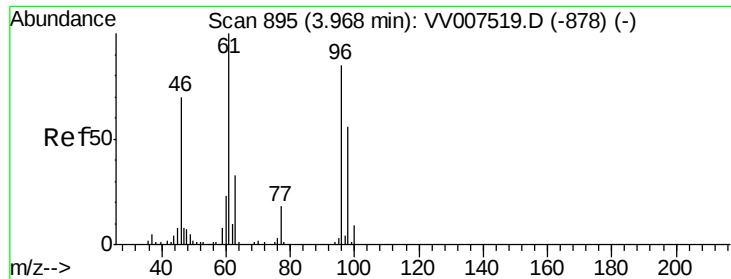
Ion Ratio Lower Upper

84 100

86 65.0 43.7 81.1

49 108.8 76.8 142.6





#22

cis-1,2-Dichloroethene

Concen: 2.225 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV007529.D

Acq: 14 Sep 2018 00:12

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

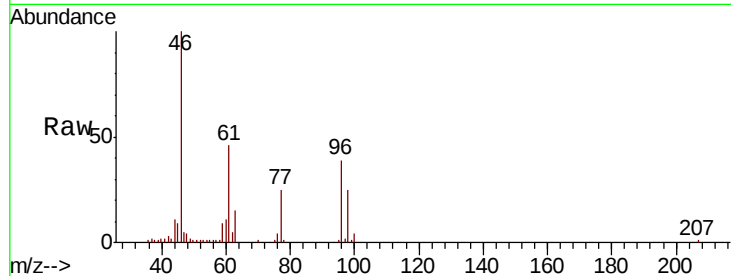
Tgt Ion: 96 Resp: 16013

Ion Ratio Lower Upper

96 100

61 117.3 85.3 158.5

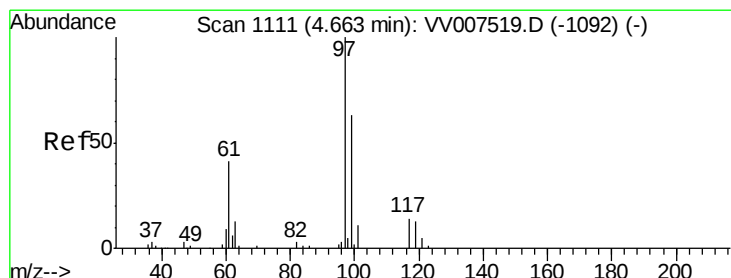
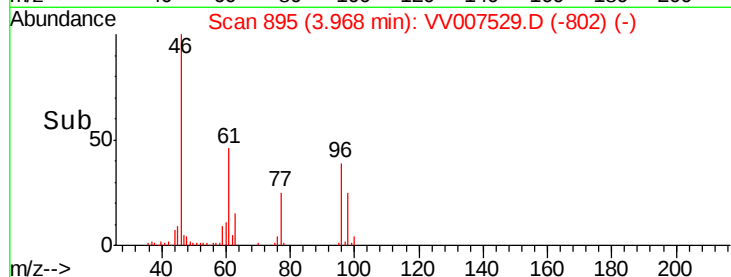
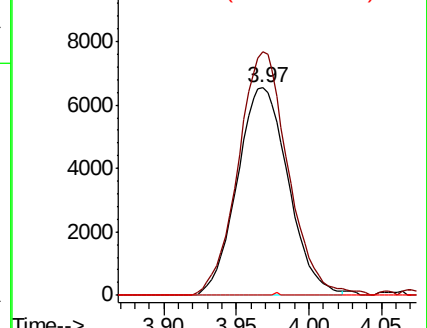
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007519.D (-878) (-)

Ion 61.05 (60.75 to 61.75): VV007519.D (-878) (-)

Ion 68.15 (67.85 to 68.85): VV007519.D (-878) (-)



#29

1,1,1-Trichloroethane

Concen: 0.745 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV007529.D

Acq: 14 Sep 2018 00:12

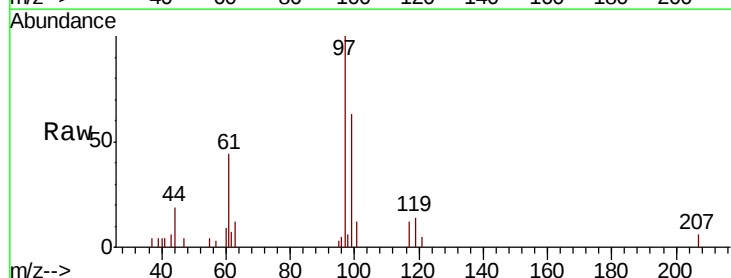
Tgt Ion: 97 Resp: 8492

Ion Ratio Lower Upper

97 100

99 62.4 50.7 76.1

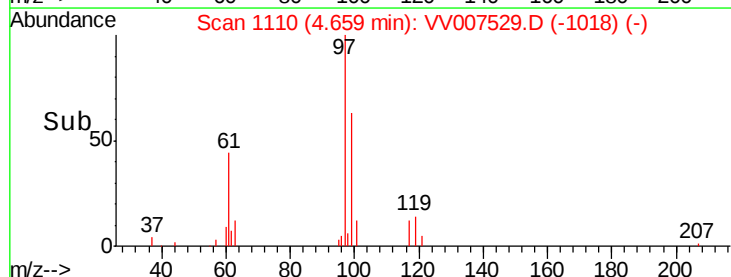
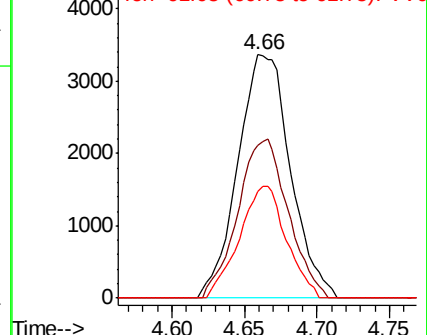
61 41.0 32.5 48.7

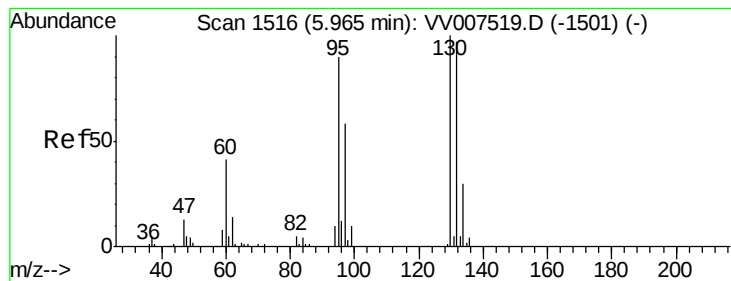


Abundance Ion 96.95 (96.65 to 97.65): VV007519.D (-1092) (-)

Ion 99.05 (98.75 to 99.75): VV007519.D (-1092) (-)

Ion 61.05 (60.75 to 61.75): VV007519.D (-1092) (-)





#34

Trichloroethene

Concen: 10.259 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV007529.D

Acq: 14 Sep 2018 00:12

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 76154

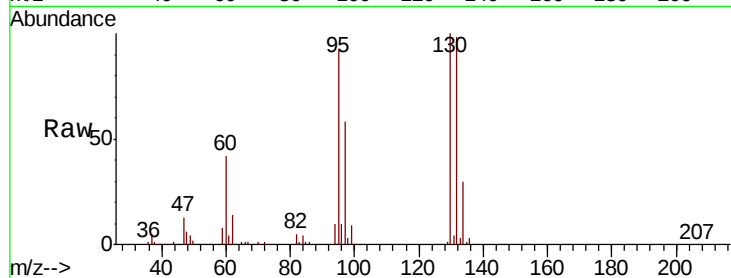
Ion Ratio Lower Upper

95 100

97 63.4 45.5 84.5

132 106.0 74.9 139.1

130 108.7 80.0 148.6

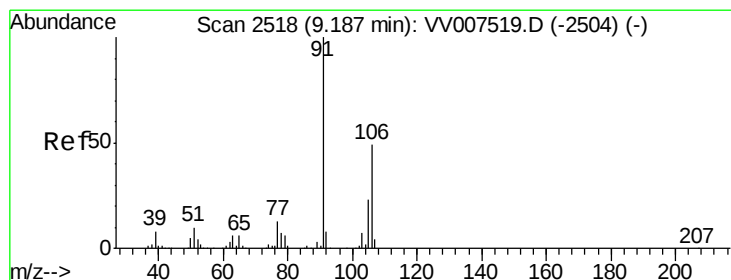
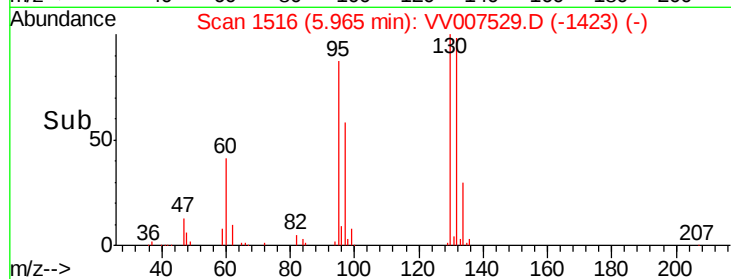
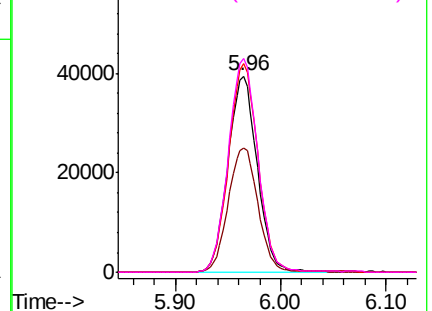


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#53

m,p-xylene

Concen: 0.272 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: VV007529.D

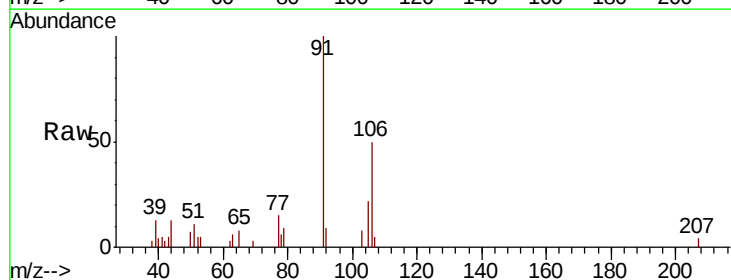
Acq: 14 Sep 2018 00:12

Tgt Ion: 106 Resp: 3321

Ion Ratio Lower Upper

106 100

91 199.6 137.2 254.8



Abundance Ion 106.15 (105.85 to 106.85): VV0

Ion 91.15 (90.85 to 91.85): VV0

