

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007534.D
 Acq On : 14 Sep 2018 02:27
 Operator : SY/MD
 Sample : J4888-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW9

Quant Time: Sep 14 07:46:14 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	126862	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26794	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.59	69	24928	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.14	63	46355	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.97	46	59549	64.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.86%
24) Chloroform-d	4.41	84	57764	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.09	65	29541	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.10	84	113546	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	33578	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	114425	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	13857	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.14	63	27851	48.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22889	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	46761	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

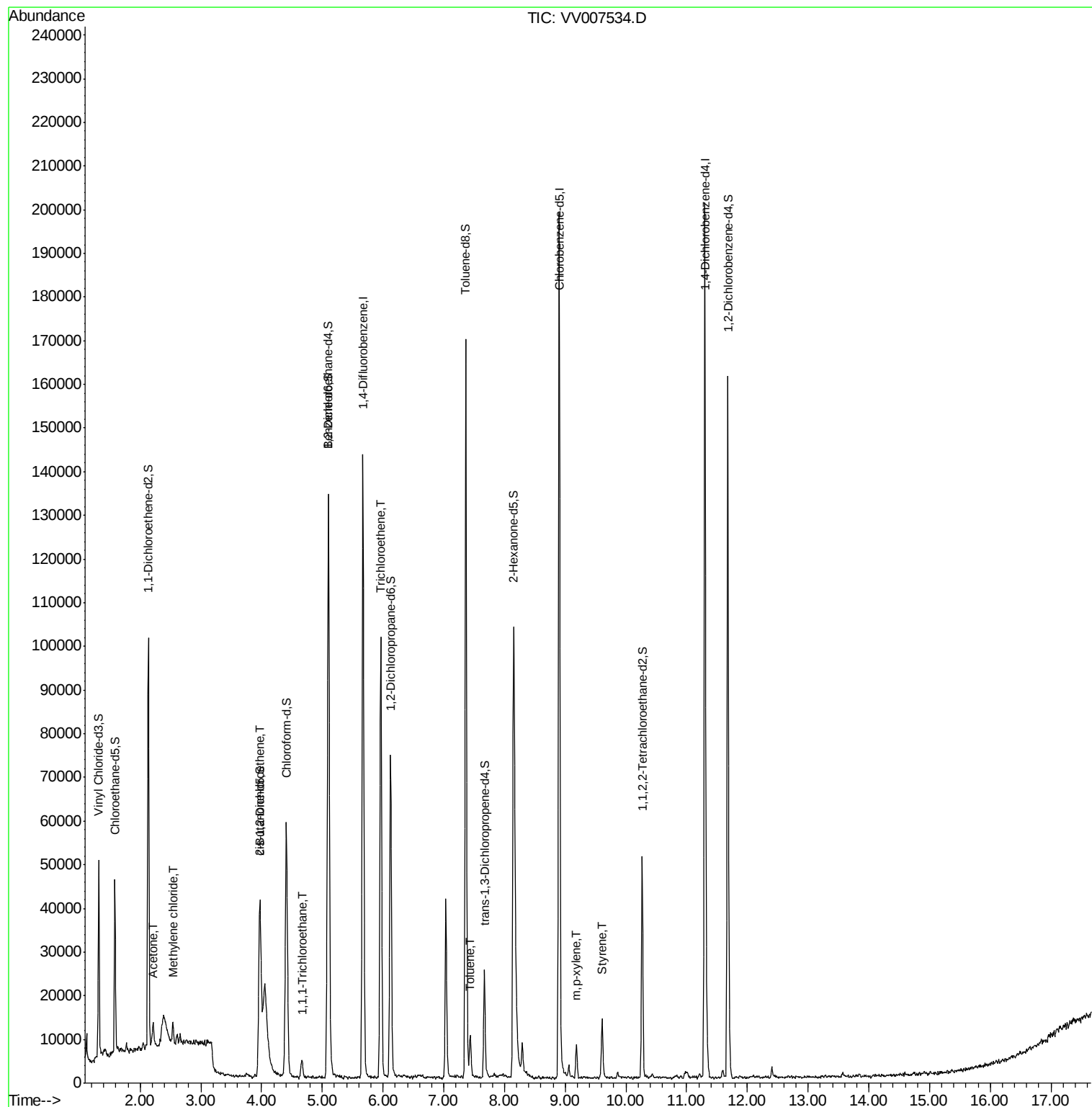
					Qvalue
13) Acetone	2.21	43	7626	12.633 ug/L	96
16) Methylene chloride	2.54	84	2003	0.288 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	6527	0.945 ug/L	84
29) 1,1,1-Trichloroethane	4.67	97	3628	0.327 ug/L	94
34) Trichloroethene	5.96	95	33029	4.571 ug/L	98
42) Toluene	7.44	91	6846	0.252 ug/L	97
53) m,p-xylene	9.18	106	2281	0.192 ug/L	96
55) Styrene	9.61	104	6588	0.348 ug/L	99

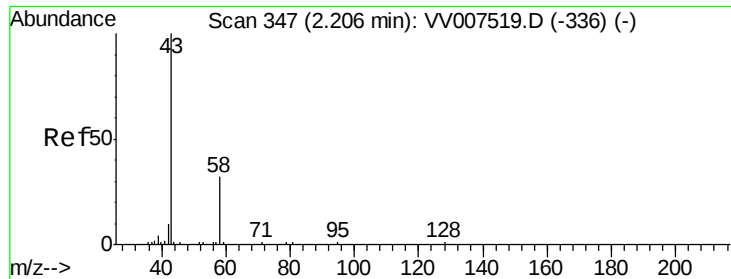
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 14 05:10:24 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.633 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV007534.D

Acq: 14 Sep 2018 02:27

Instrument :

MSVOA_V

ClientSampleId :

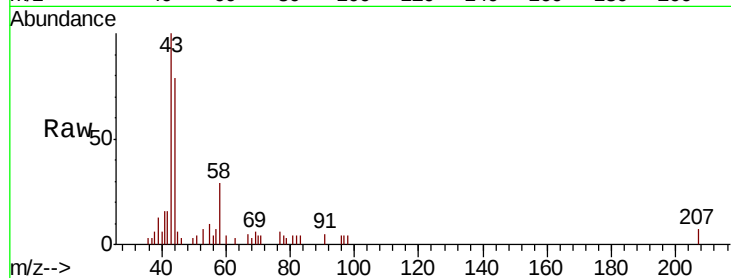
C0KW9

Tgt Ion: 43 Resp: 7626

Ion Ratio Lower Upper

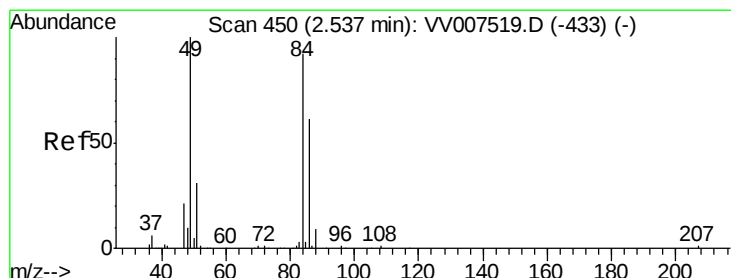
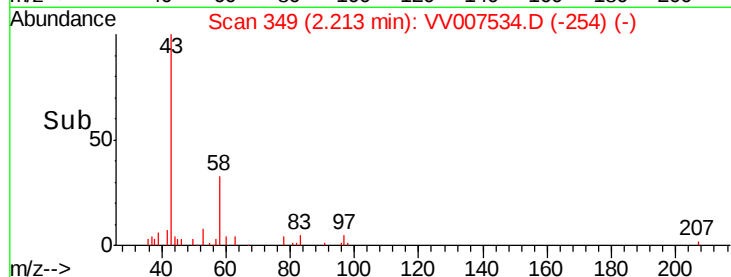
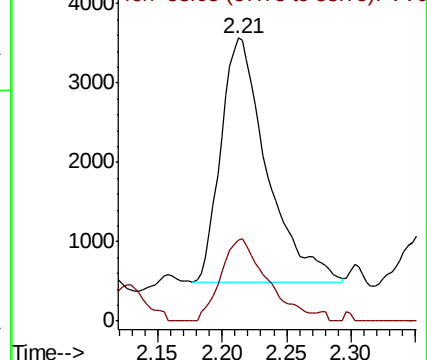
43 100

58 34.0 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007519.D (-336) (-)



#16

Methylene chloride

Concen: 0.288 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV007534.D

Acq: 14 Sep 2018 02:27

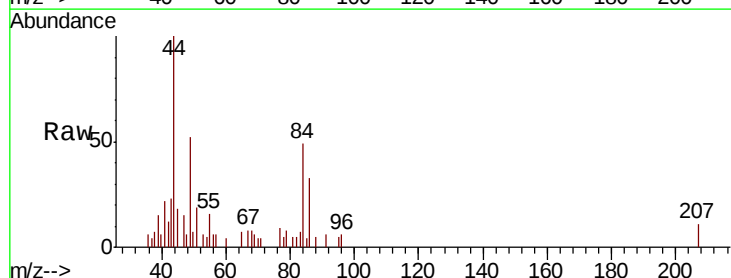
Tgt Ion: 84 Resp: 2003

Ion Ratio Lower Upper

84 100

86 66.0 43.7 81.1

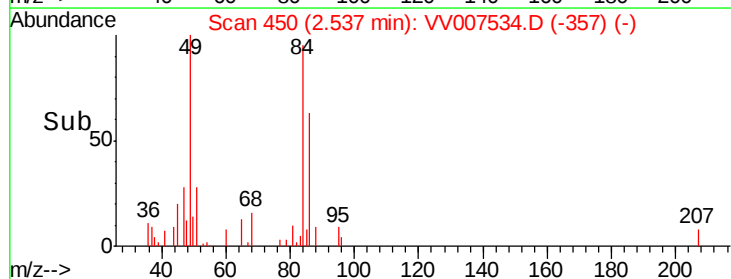
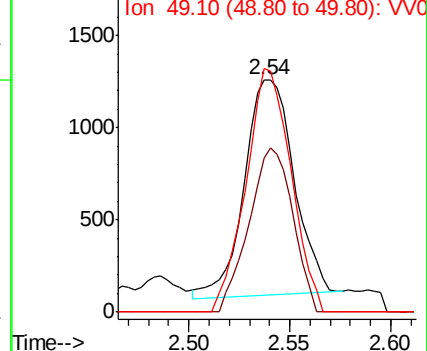
49 104.8 76.8 142.6

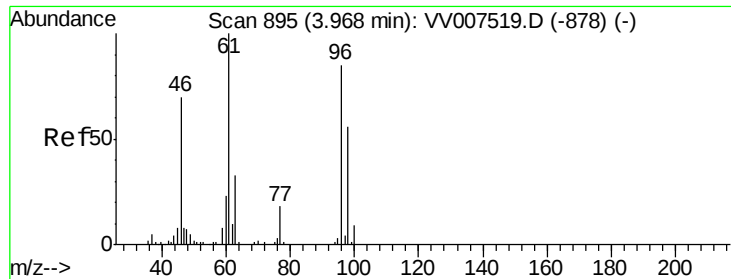


Abundance Ion 84.05 (83.75 to 84.75): VV007519.D (-433) (-)

Ion 86.00 (85.70 to 86.70): VV007519.D (-433) (-)

Ion 49.10 (48.80 to 49.80): VV007519.D (-433) (-)



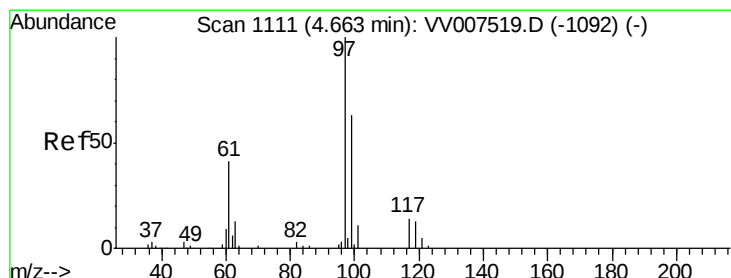
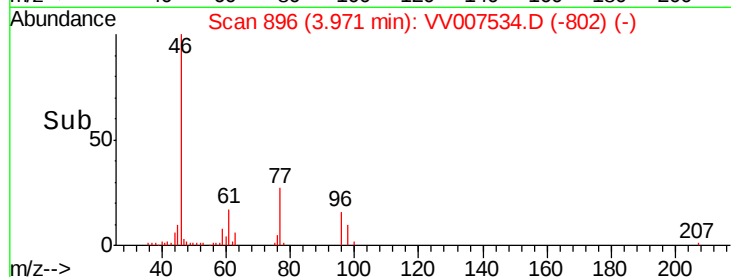
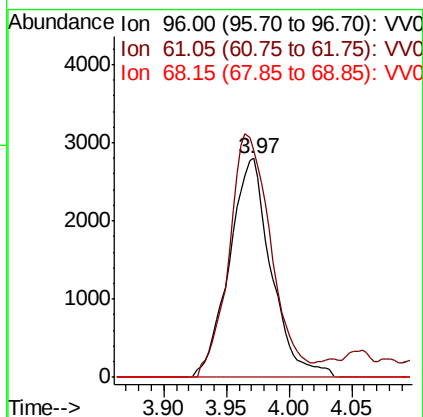
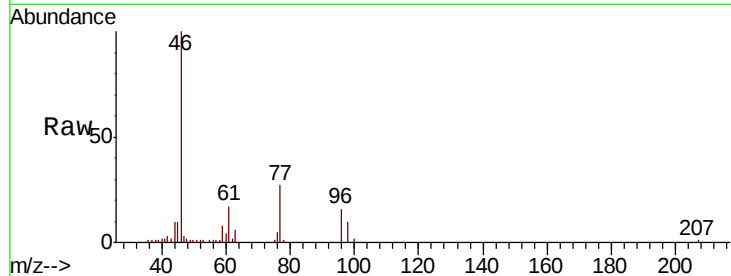


#22

cis-1,2-Dichloroethene
 Concen: 0.945 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007534.D
 Acq: 14 Sep 2018 02:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW9

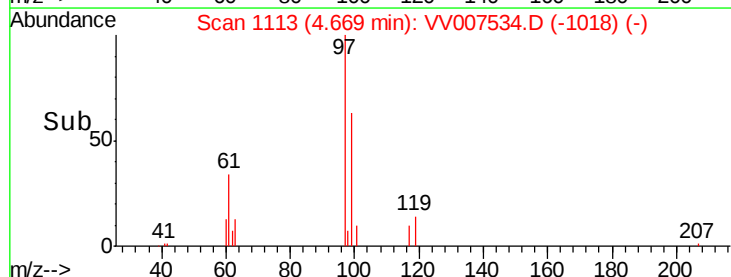
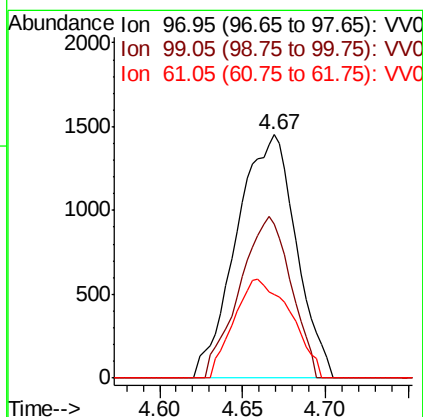
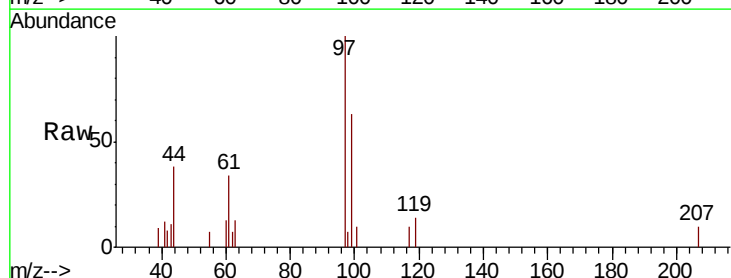
Tgt Ion: 96 Resp: 6527
 Ion Ratio Lower Upper
 96 100
 61 103.6 85.3 158.5
 68 0.0 0.0 0.0

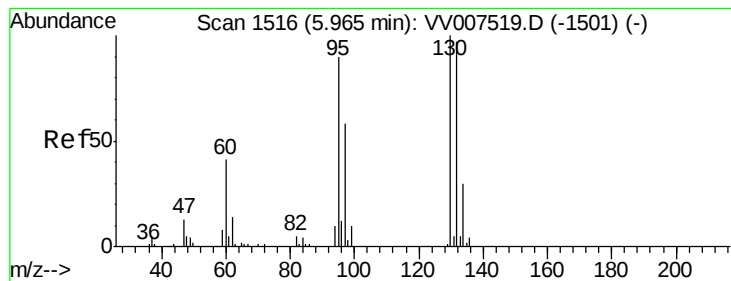


#29

1,1,1-Trichloroethane
 Concen: 0.327 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VV007534.D
 Acq: 14 Sep 2018 02:27

Tgt Ion: 97 Resp: 3628
 Ion Ratio Lower Upper
 97 100
 99 57.4 50.7 76.1
 61 39.0 32.5 48.7





#34

Trichloroethene

Concen: 4.571 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007534.D

Acq: 14 Sep 2018 02:27

Instrument :

MSVOA_V

ClientSampleId :

C0KW9

Tgt Ion: 95 Resp: 33029

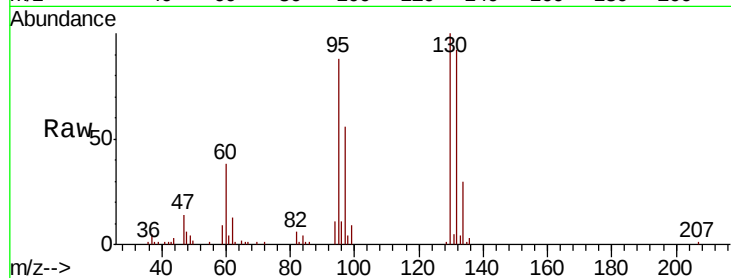
Ion Ratio Lower Upper

95 100

97 64.0 45.5 84.5

132 104.4 74.9 139.1

130 113.4 80.0 148.6

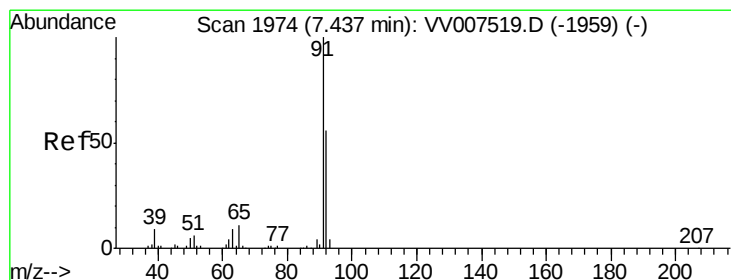
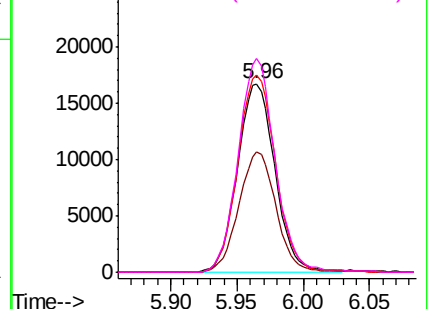
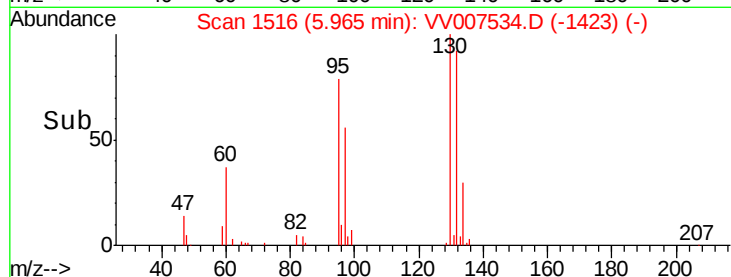


Abundance Ion 95.00 (94.70 to 95.70): VV007519.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007519.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007519.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007519.D (-1501) (-)



#42

Toluene

Concen: 0.252 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007534.D

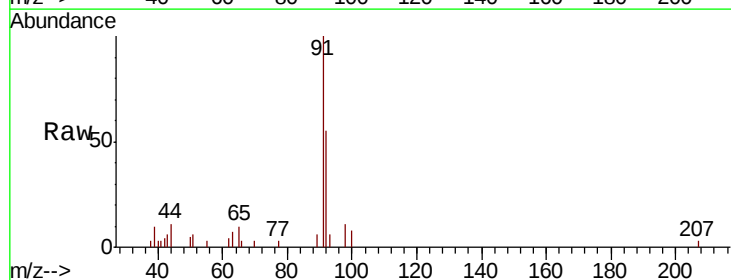
Acq: 14 Sep 2018 02:27

Tgt Ion: 91 Resp: 6846

Ion Ratio Lower Upper

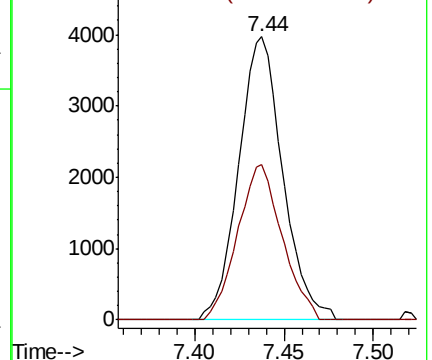
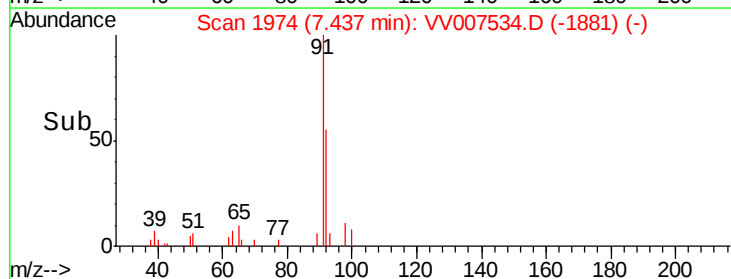
91 100

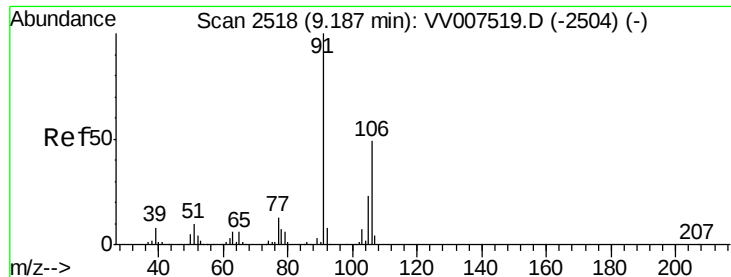
92 55.1 40.3 74.8



Abundance Ion 91.15 (90.85 to 91.85): VV007519.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007519.D (-1959) (-)





#53

m,p-xylene

Concen: 0.192 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV007534.D

Acq: 14 Sep 2018 02:27

Instrument :

MSVOA_V

ClientSampled :

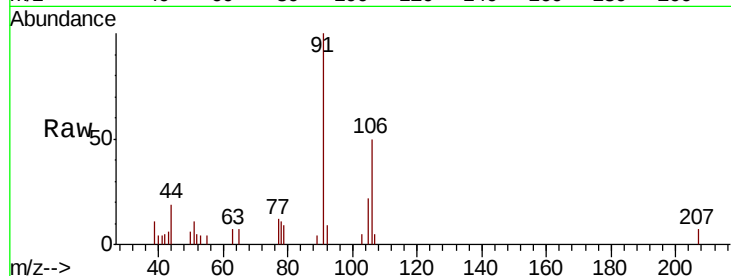
C0KW9

Tgt Ion:106 Resp: 2281

Ion Ratio Lower Upper

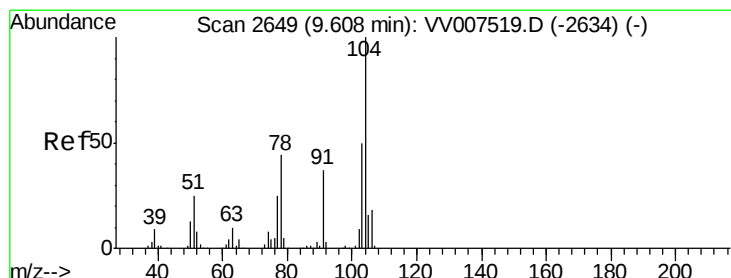
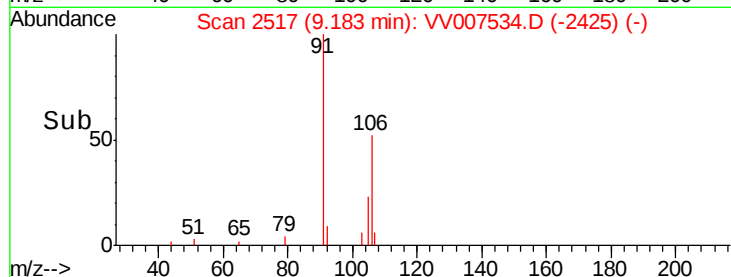
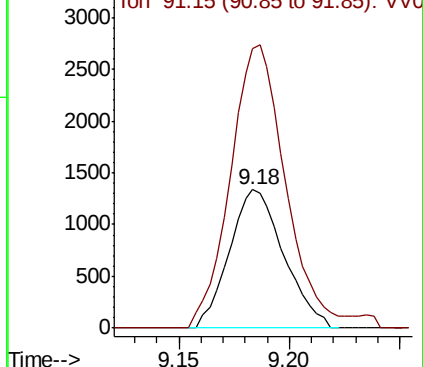
106 100

91 201.9 137.2 254.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 0.348 ug/L

RT: 9.61 min Scan# 2650

Delta R.T. 0.00 min

Lab File: VV007534.D

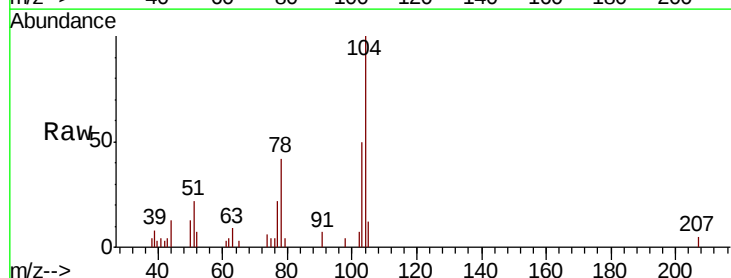
Acq: 14 Sep 2018 02:27

Tgt Ion:104 Resp: 6588

Ion Ratio Lower Upper

104 100

78 42.4 29.5 54.7



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

