

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006926.D
 Acq On : 08 Aug 2018 04:24
 Operator : SY/MD
 Sample : J4357-12MS
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT0MS

Quant Time: Aug 08 07:58:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208945	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196537	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81256	6.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.80%
7) Chloroethane-d5	1.58	69	63714	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.13	63	132463	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	3.97	46	236713	59.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.44%
24) Chloroform-d	4.41	84	141058	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.09	65	78535	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	273824	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	6.12	67	96708	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.37	98	207429	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	26146	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.15	63	122410	52.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74000	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	75912	6.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.80%#

Target Compounds

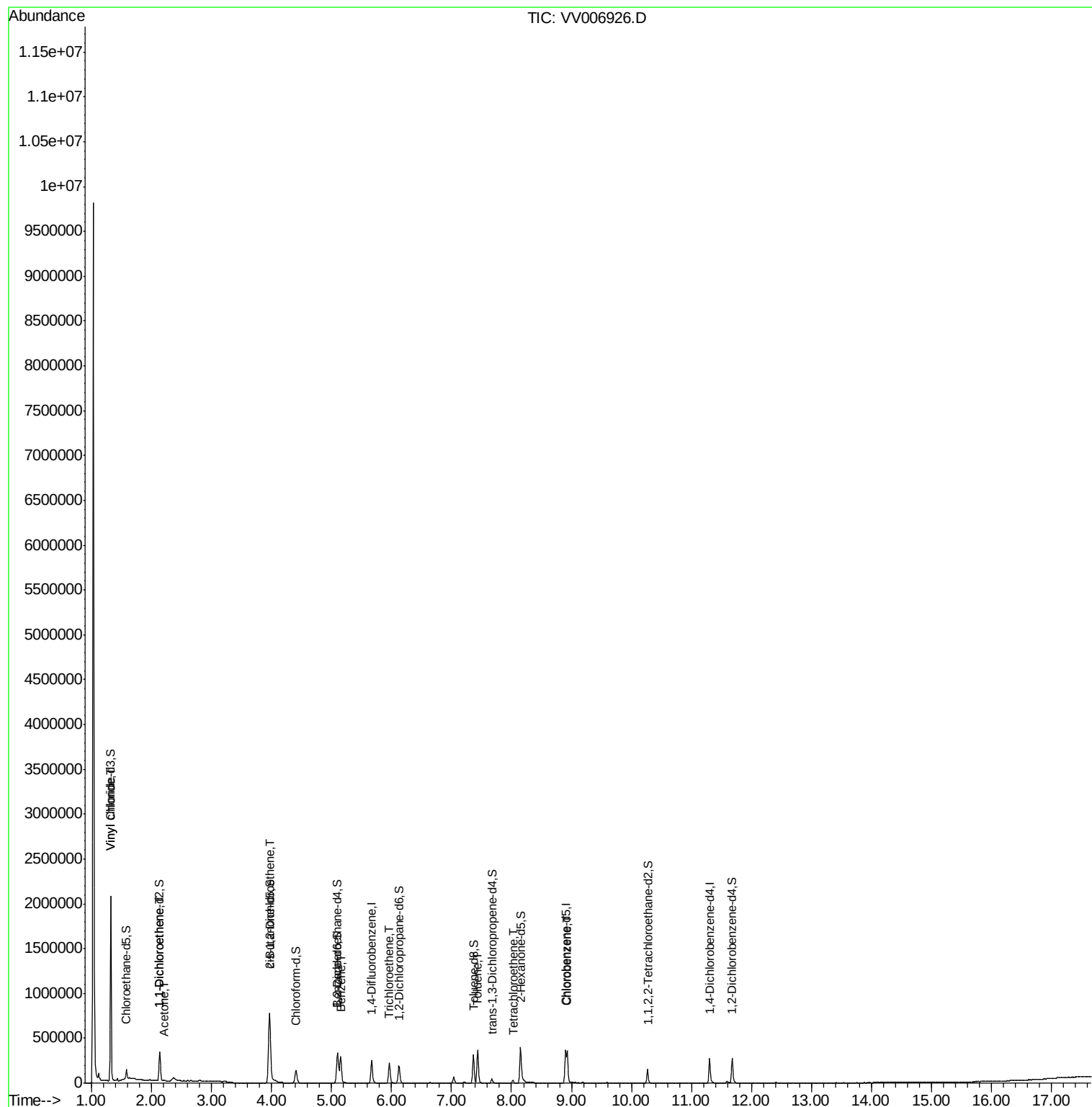
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1215922	61.91	ug/L	98
12) 1,1-Dichloroethene	2.14	96	61588	4.46	ug/L	91
13) Acetone	2.21	43	7211	2.76	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	351729	23.42	ug/L	98
33) Benzene	5.15	78	290639	4.79	ug/L	100
34) Trichloroethene	5.96	95	75768	5.37	ug/L	97
42) Toluene	7.44	91	260815	4.59	ug/L	99
47) Tetrachloroethene	8.03	164	6835	0.64	ug/L	95
51) Chlorobenzene	8.93	112	177773	5.14	ug/L	99

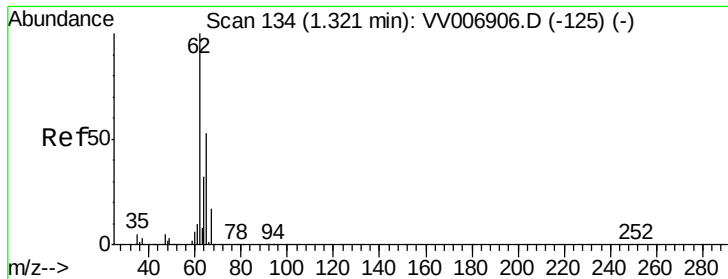
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 61.91 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

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Acq: 08 Aug 2018 04:24

Instrument :

MSVOA_V

ClientSampleId :

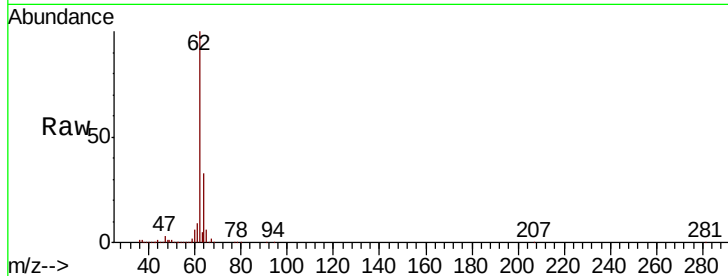
ESWT0MS

Tot Ion: 62 Resp: 1215922

Ion Ratio Lower Upper

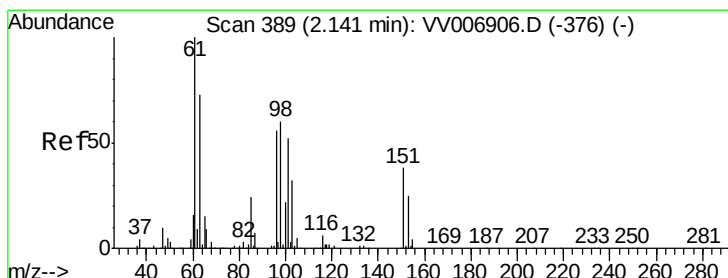
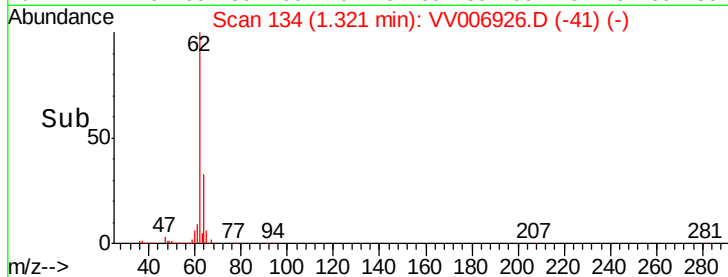
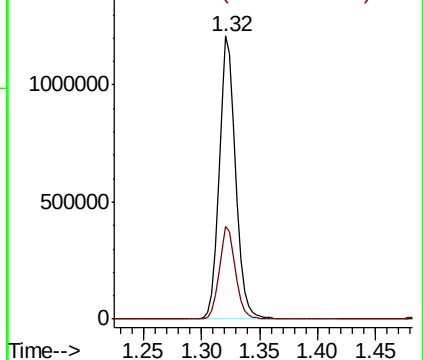
62 100

64 32.7 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 4.46 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

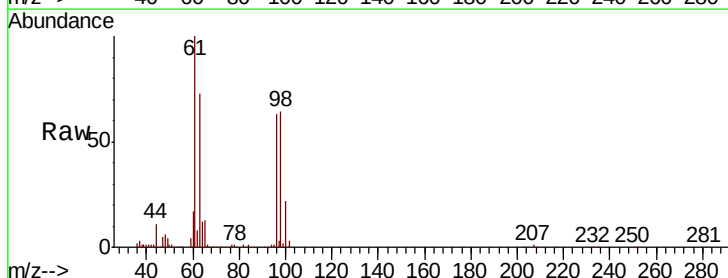
Tgt Ion: 96 Resp: 61588

Ion Ratio Lower Upper

96 100

61 158.2 119.0 221.0

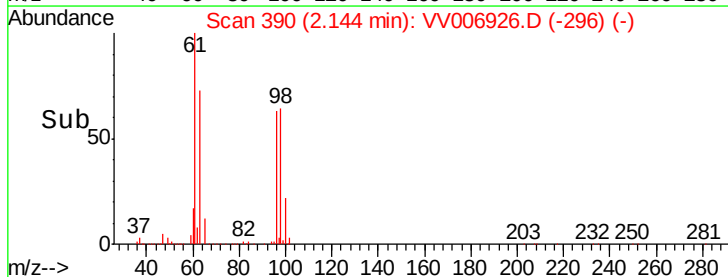
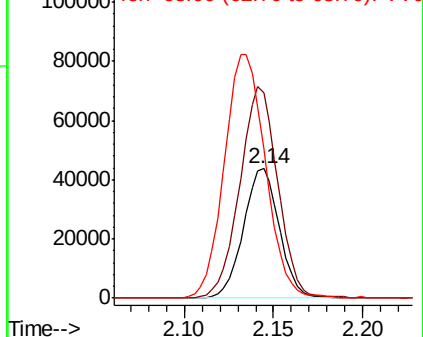
63 115.5 73.6 136.6

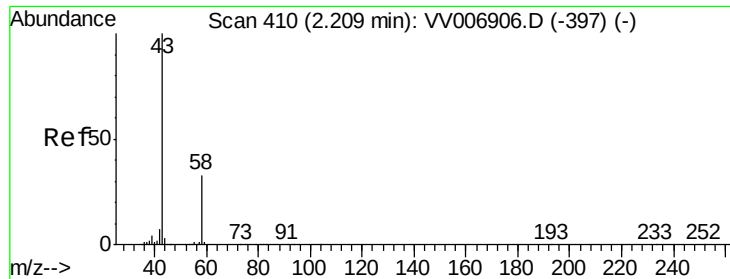


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.76 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

Instrument :

MSVOA_V

ClientSampleId :

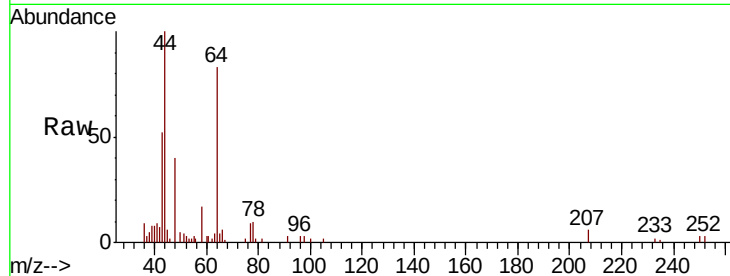
ESWT0MS

Tot Ion: 43 Resp: 7211

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

4000

3000

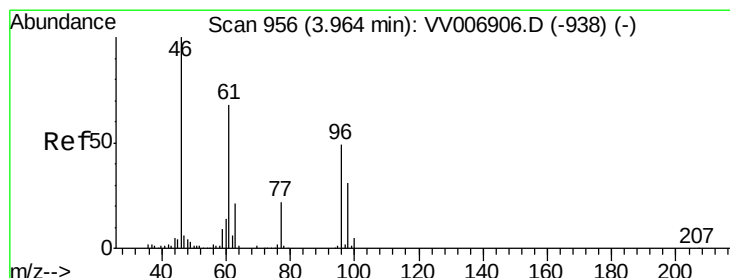
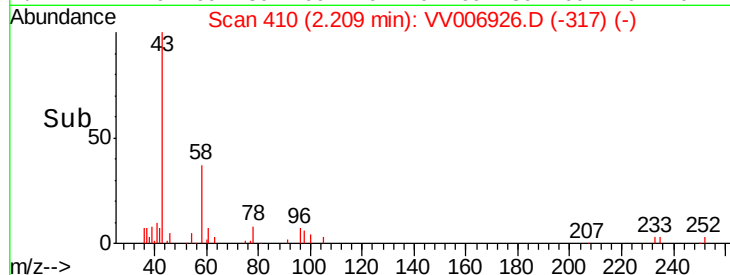
2000

1000

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 23.42 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

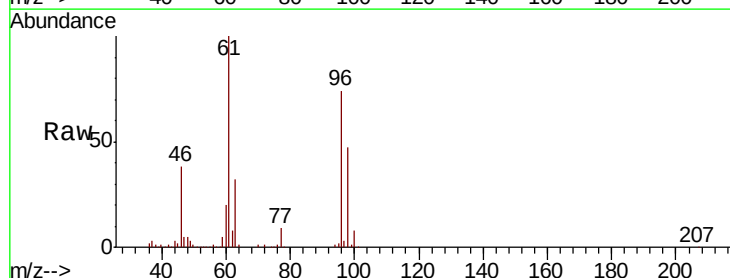
Tgt Ion: 96 Resp: 351729

Ion Ratio Lower Upper

96 100

61 134.5 95.5 177.4

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

250000

200000

150000

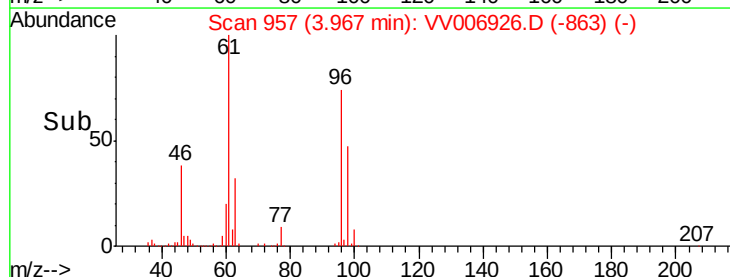
100000

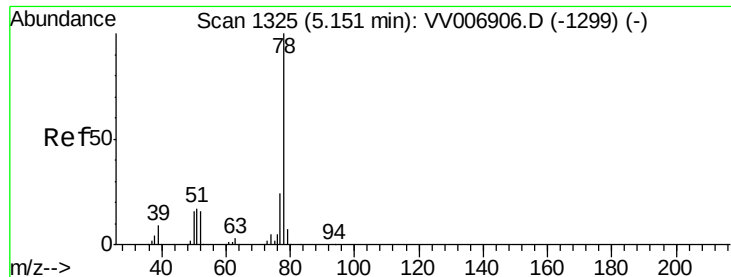
50000

0

Time-->

3.90 4.00





#33

Benzene

Concen: 4.79 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

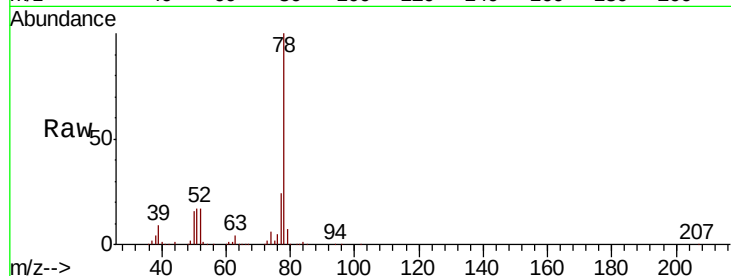
Instrument :

MSVOA_V

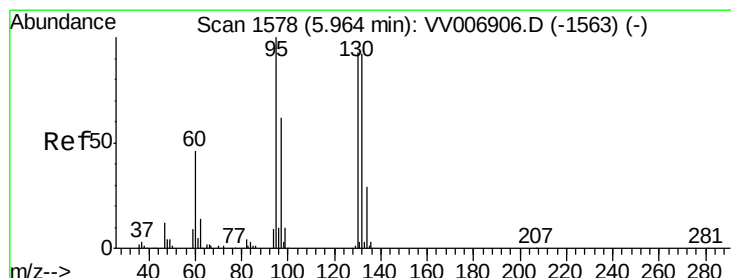
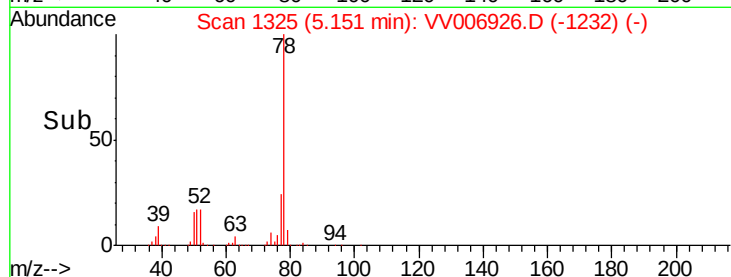
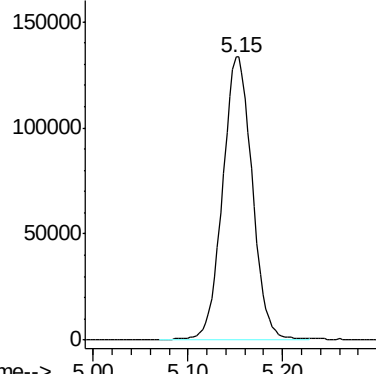
ClientSampleId :

ESWT0MS

Tgt Ion: 78 Resp: 290639



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.37 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

Tgt Ion: 95 Resp: 75768

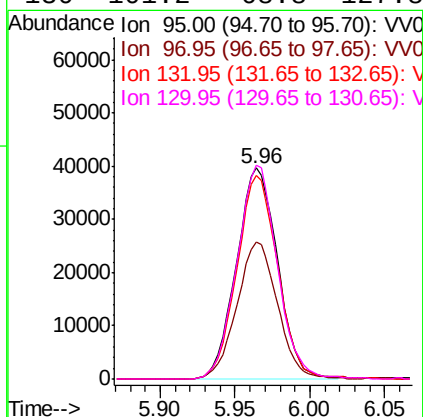
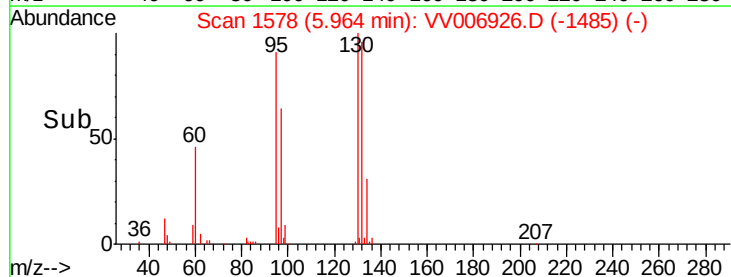
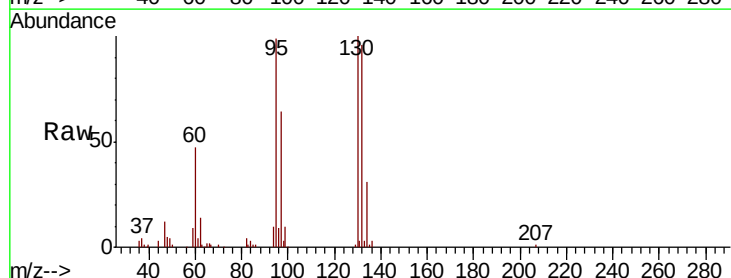
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.4	82.4
132	96.7	65.6	121.8
130	101.2	68.8	127.8

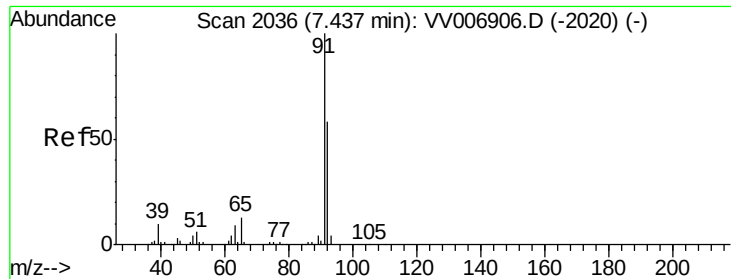
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 4.59 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

Instrument :

MSVOA_V

ClientSampleId :

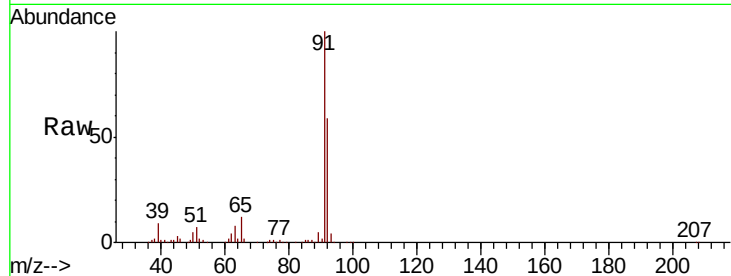
ESWT0MS

Tot Ion: 91 Resp: 260815

Ion Ratio Lower Upper

91 100

92 59.1 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VV006926.D (-2125) (-)

Ion 92.15 (91.85 to 92.85): VV006926.D (-2125) (-)

7.44

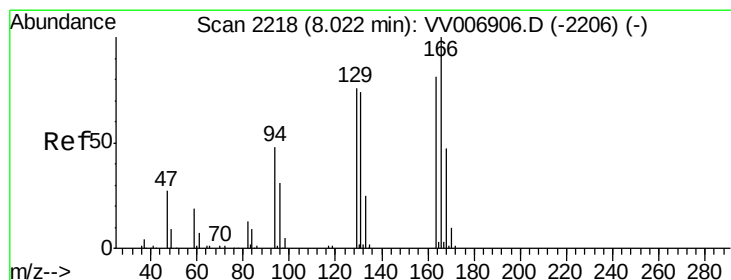
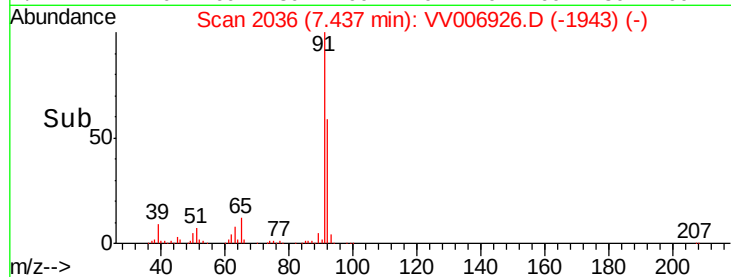
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 0.64 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

Tgt Ion: 164 Resp: 6835

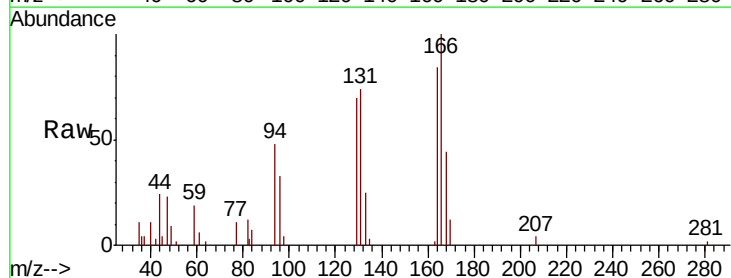
Ion Ratio Lower Upper

164 100

129 82.9 63.1 117.3

131 88.1 62.3 115.7

166 118.9 87.4 162.4



Abundance Ion 163.90 (163.60 to 164.60): VV006926.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006926.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006926.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006926.D (-2125) (-)

8000

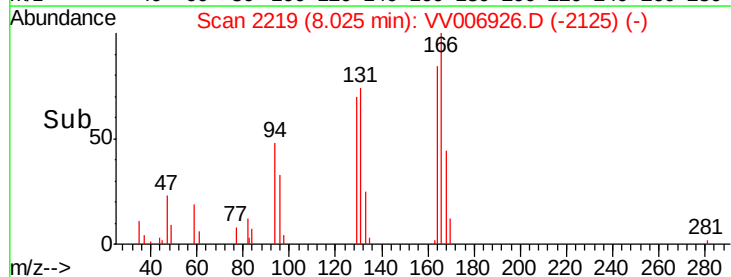
6000

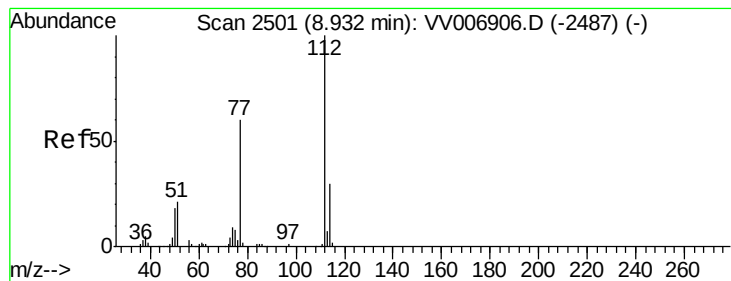
4000

2000

0

Time-->





#51

Chlorobenzene

Concen: 5.14 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. -0.00 min

Lab File: VV006926.D

Acq: 08 Aug 2018 04:24

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ClientSampleId :

ESWT0MS

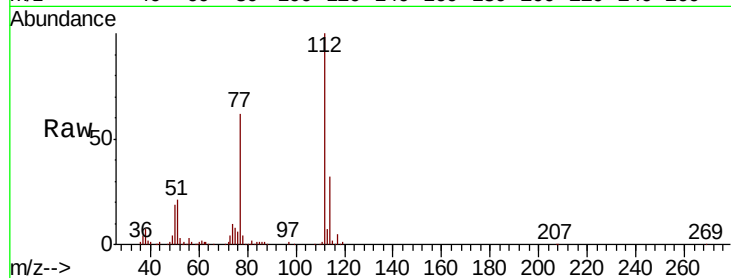
Tot Ion:112 Resp: 177773

Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 62.1 50.4 75.6



Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

