

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\
 Data File : VV006663.D
 Acq On : 20 Jul 2018 13:16
 Operator : SY/MD
 Sample : J3983-05MSD
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB170MSD

Quant Time: Jul 26 02:38:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	242288	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84407	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	65688	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.13	63	159038	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.97	46	169847	45.99	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.98%
24) Chloroform-d	4.41	84	140876	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	66777	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	300470	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	93883	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	265866	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	29318	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	143839	45.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64976	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	92510	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

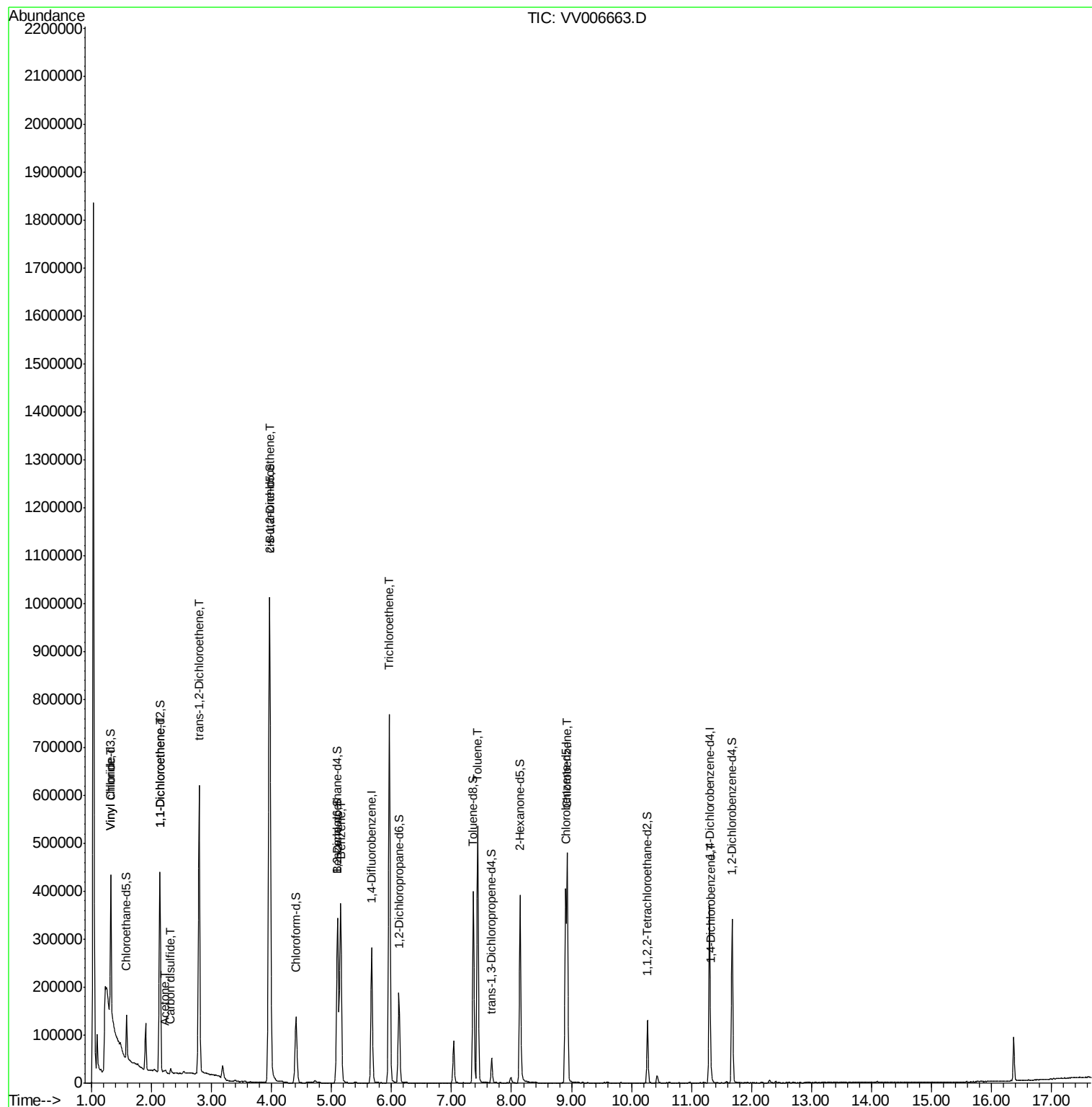
					Ovalue
5) Vinyl chloride	1.32	62	164407	6.53	ug/L # 21
12) 1,1-Dichloroethene	2.14	96	88595	4.94	ug/L 99
13) Acetone	2.22	43	3623	1.28	ug/L 95
14) Carbon disulfide	2.32	76	13523	0.23	ug/L 95
18) trans-1,2-Dichloroethene	2.79	96	222712	11.26	ug/L 98
22) cis-1,2-Dichloroethene	3.97	96	528632	25.54	ug/L 99
33) Benzene	5.15	78	379248	4.87	ug/L 100
34) Trichloroethene	5.96	95	266756	13.55	ug/L 98
42) Toluene	7.44	91	388074	4.83	ug/L 100
51) Chlorobenzene	8.93	112	252846	4.84	ug/L 99
63) 1,4-Dichlorobenzene	11.32	146	11511	0.32	ug/L 99

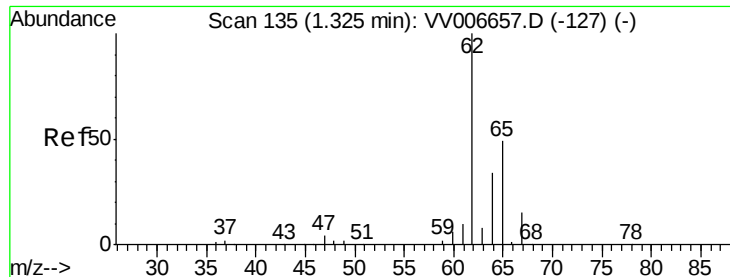
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.53 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

Instrument :

MSVOA_V

ClientSampleId :

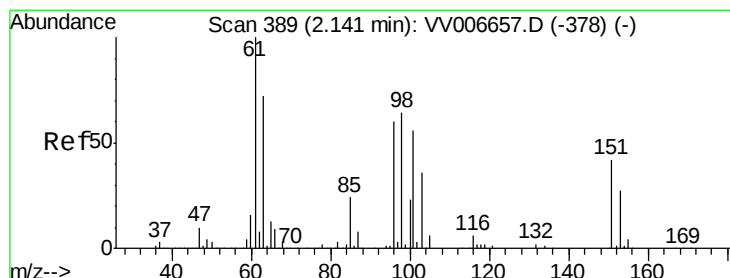
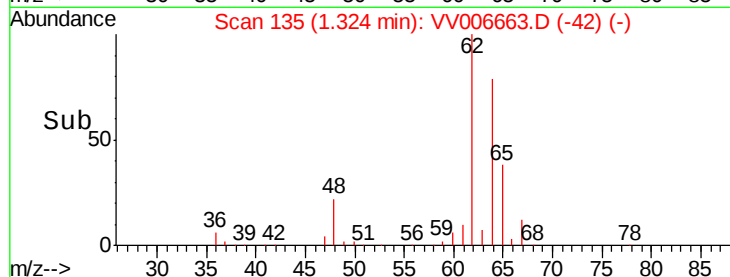
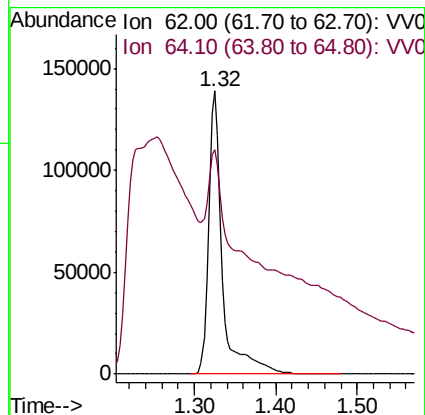
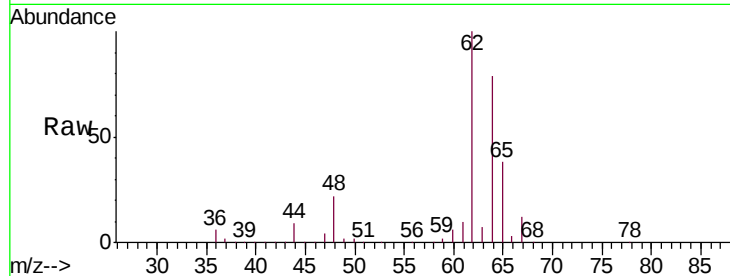
DB170MSD

Tot Ion: 62 Resp: 164407

Ion Ratio Lower Upper

62 100

64 79.2 23.7 44.1#



#12

1,1-Dichloroethene

Concen: 4.94 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

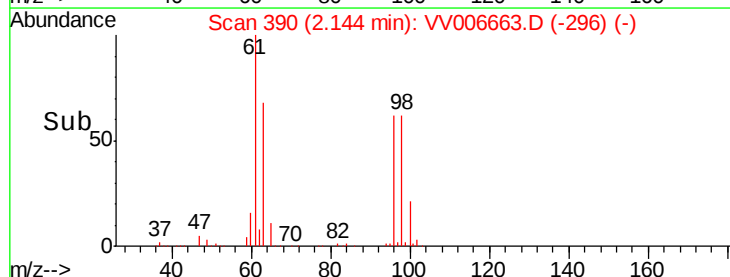
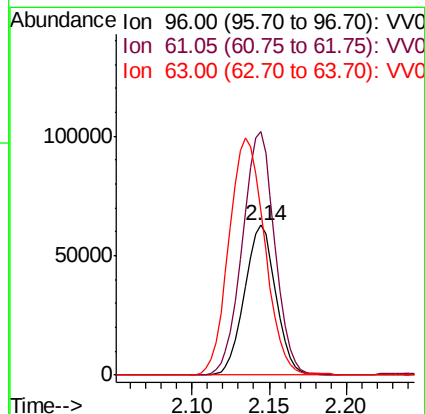
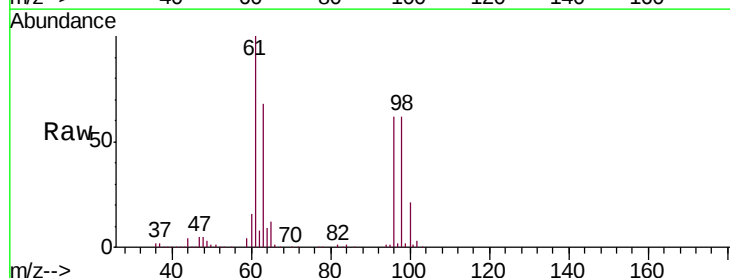
Tgt Ion: 96 Resp: 88595

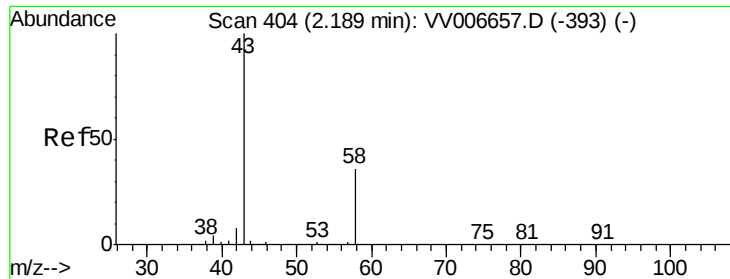
Ion Ratio Lower Upper

96 100

61 162.5 115.1 213.8

63 109.9 77.2 143.4





#13

Acetone

Concen: 1.28 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.03 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

Instrument :

MSVOA_V

ClientSampleId :

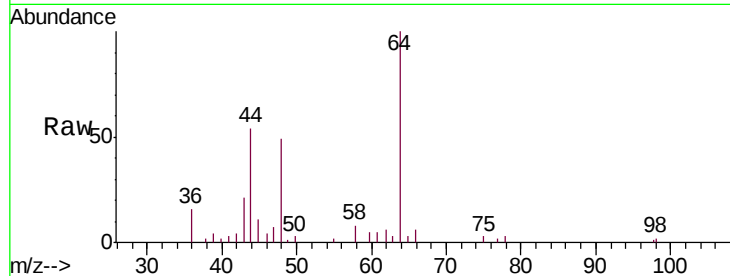
DB170MSD

Tot Ion: 43 Resp: 3623

Ion Ratio Lower Upper

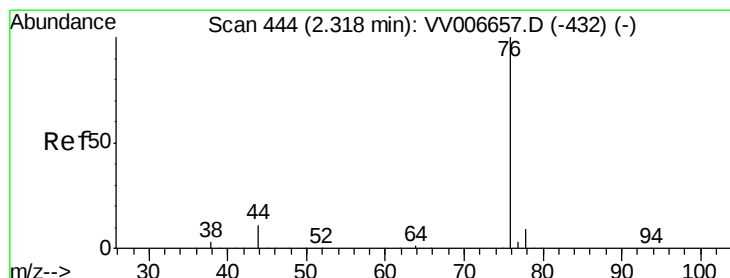
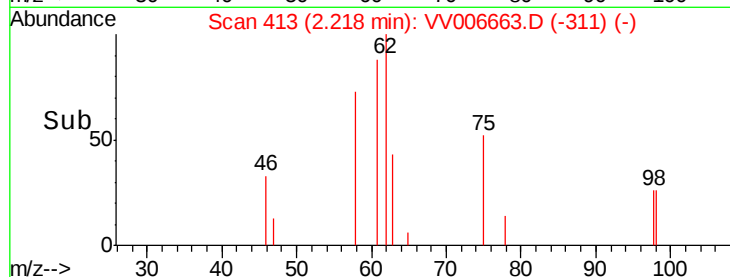
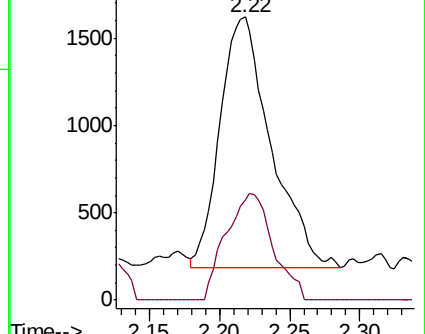
43 100

58 39.1 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.23 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006663.D

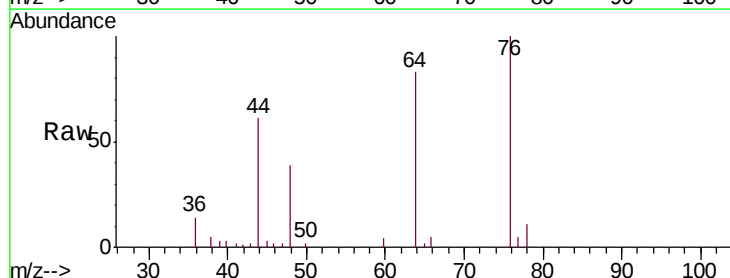
Acq: 20 Jul 2018 13:16

Tgt Ion: 76 Resp: 13523

Ion Ratio Lower Upper

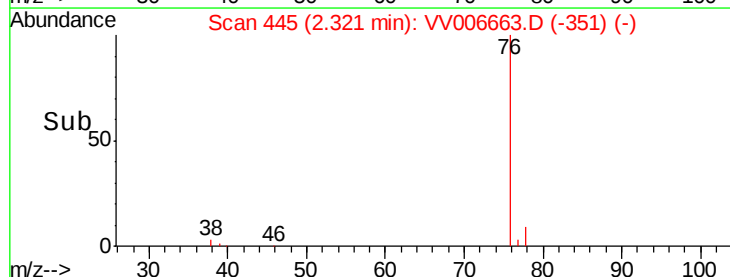
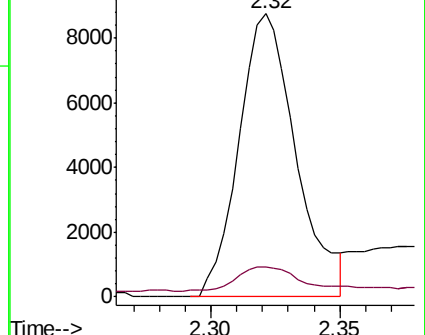
76 100

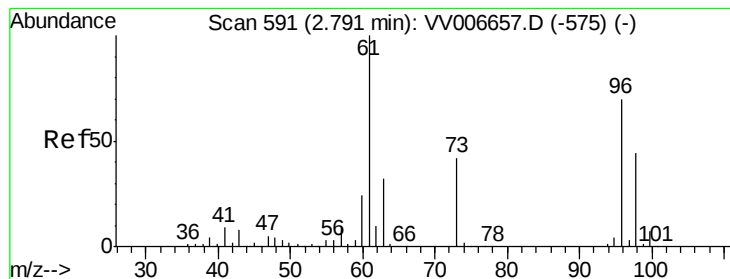
78 10.7 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#18

trans-1,2-Dichloroethene

Concen: 11.26 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

Instrument :

MSVOA_V

ClientSampleID :

DB170MSD

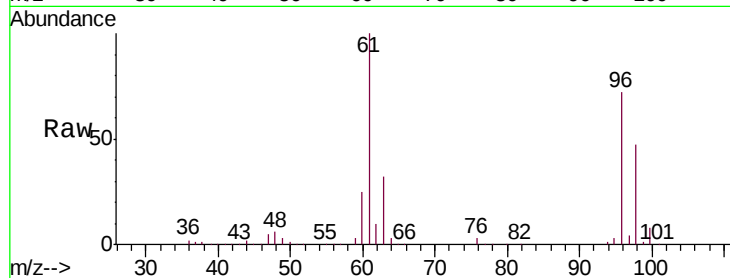
Tot Ion: 96 Resp: 222712

Ion Ratio Lower Upper

96 100

61 138.7 96.0 178.4

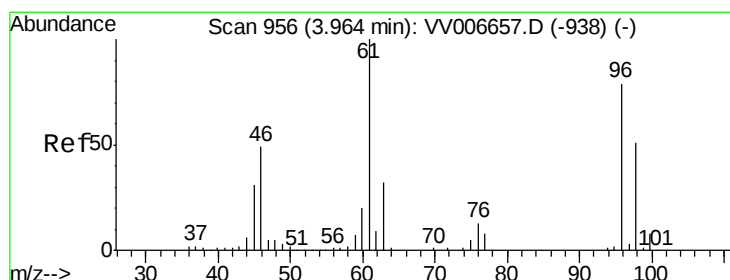
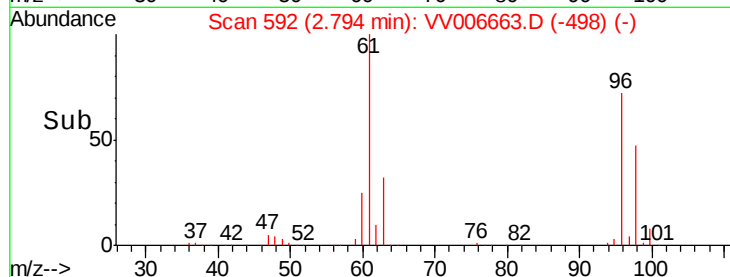
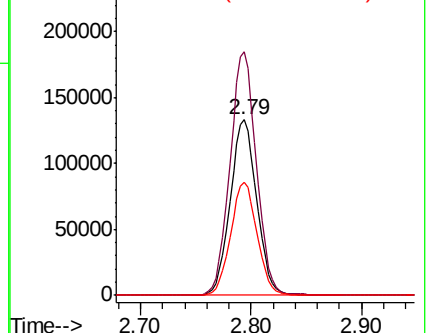
98 64.7 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV006663.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006663.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006663.D (-498) (-)



#22

cis-1,2-Dichloroethene

Concen: 25.54 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

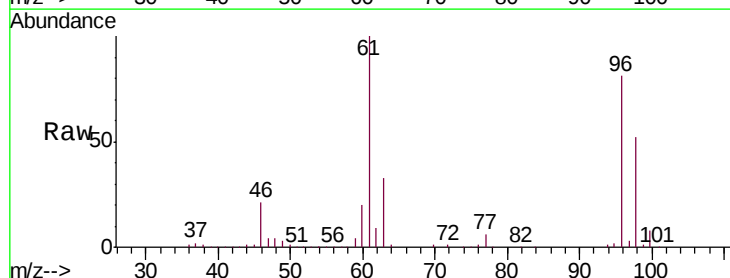
Tgt Ion: 96 Resp: 528632

Ion Ratio Lower Upper

96 100

61 124.0 86.2 160.0

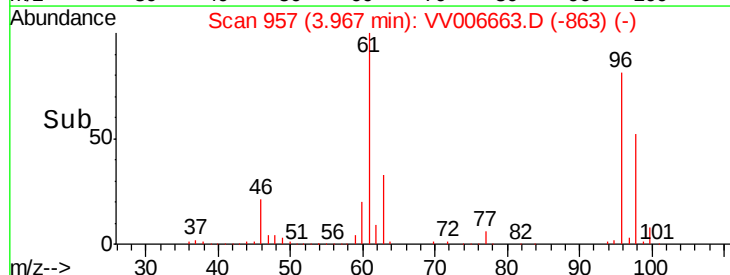
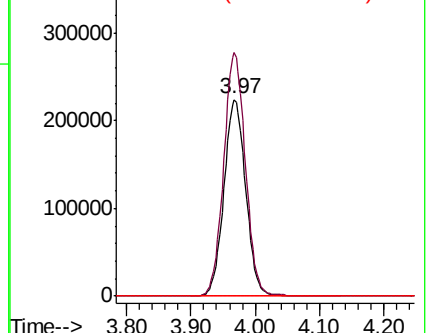
68 0.0 0.0 0.0

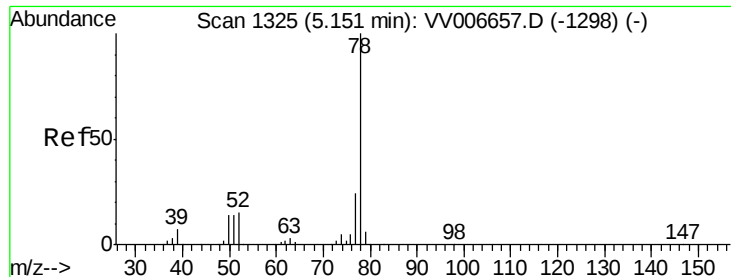


Abundance Ion 96.00 (95.70 to 96.70): VV006663.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006663.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006663.D (-863) (-)





#33

Benzene

Concen: 4.87 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

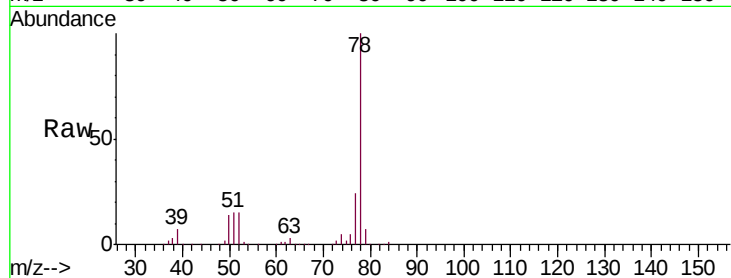
Instrument :

MSVOA_V

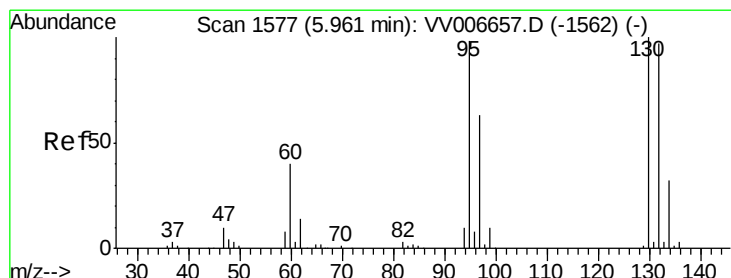
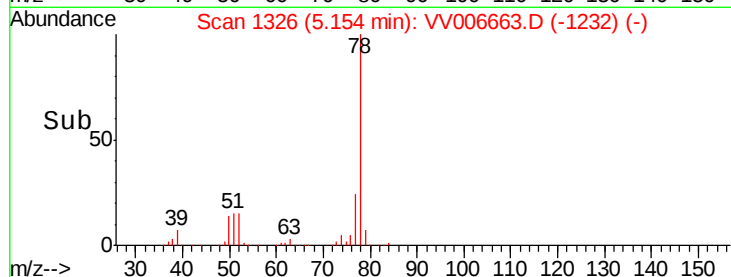
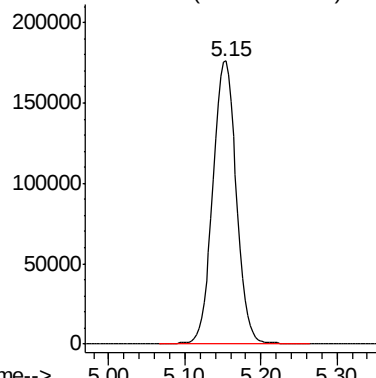
ClientSampleId :

DB170MSD

Tgt Ion: 78 Resp: 379248



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 13.55 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

Tgt Ion: 95 Resp: 266756

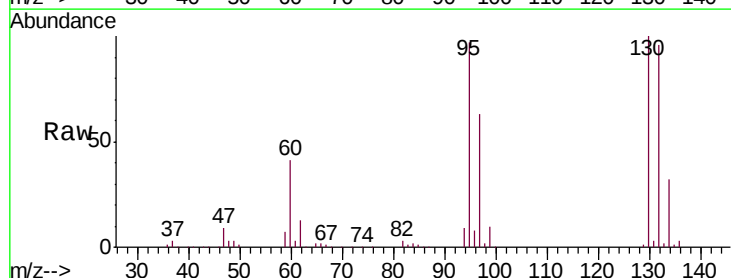
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.3	84.1
132	98.2	70.3	130.7
130	102.7	73.7	136.9

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

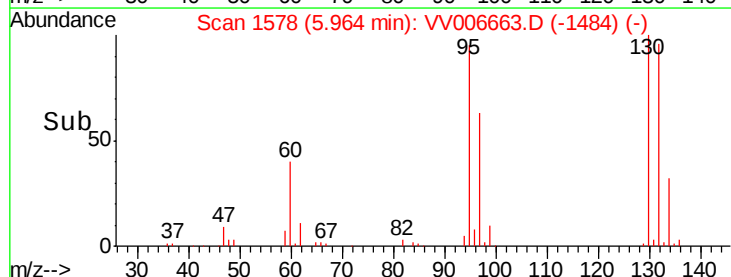


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



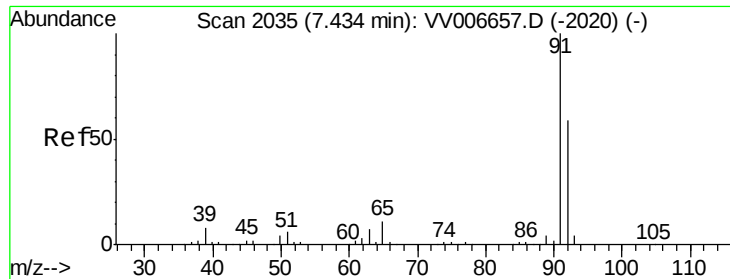
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#42

Toluene

Concen: 4.83 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

Instrument :

MSVOA_V

ClientSampleId :

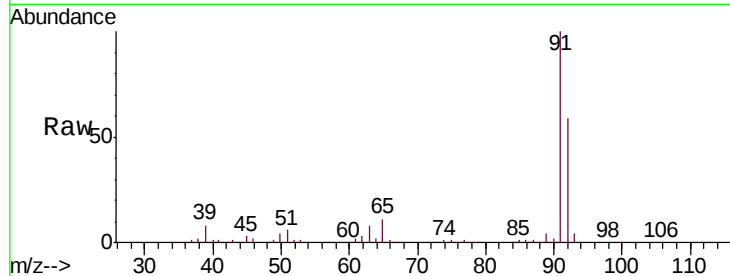
DB170MSD

Tot Ion: 91 Resp: 388074

Ion Ratio Lower Upper

91 100

92 58.9 41.4 76.8



Abundance Ion 91.15 (90.85 to 91.85): VV006657.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV006657.D (-2020) (-)

7.44

250000

200000

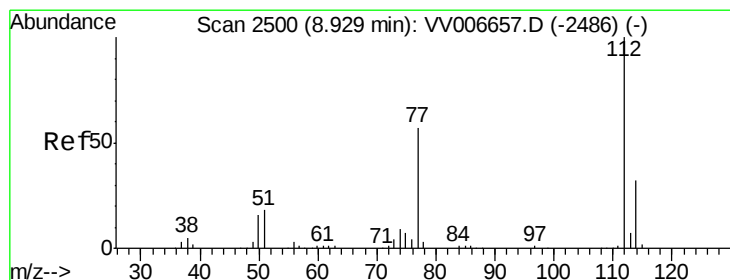
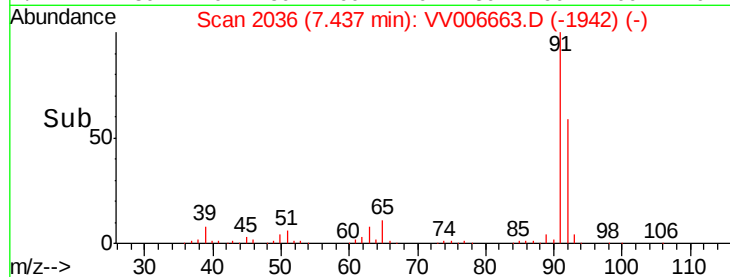
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.84 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

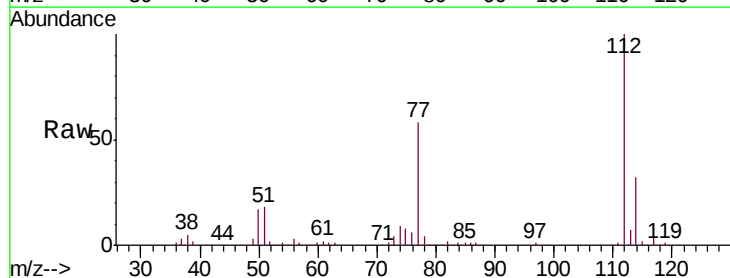
Tgt Ion: 112 Resp: 252846

Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.4

77 57.6 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): VV006657.D (-2486) (-)

Ion 114.05 (113.75 to 114.75): VV006657.D (-2486) (-)

Ion 77.10 (76.80 to 77.80): VV006657.D (-2486) (-)

8.93

200000

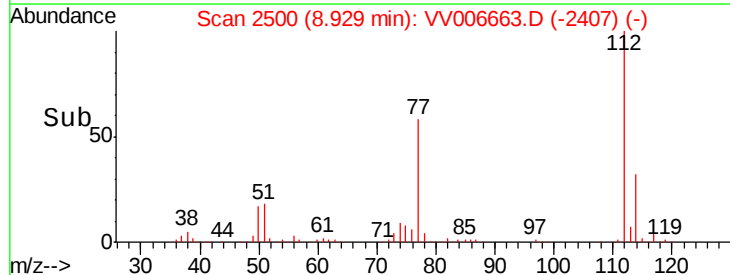
150000

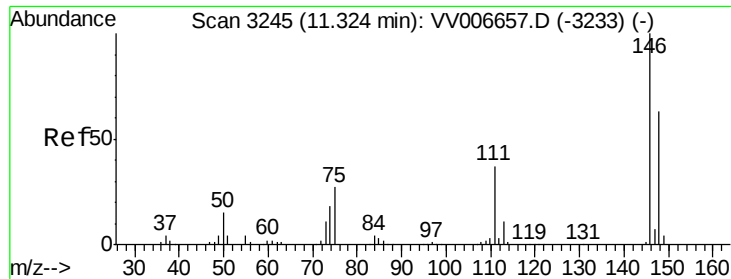
100000

50000

0

Time-->





#63

1,4-Dichlorobenzene

Concen: 0.32 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006663.D

Acq: 20 Jul 2018 13:16

Instrument :

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DB170MSD

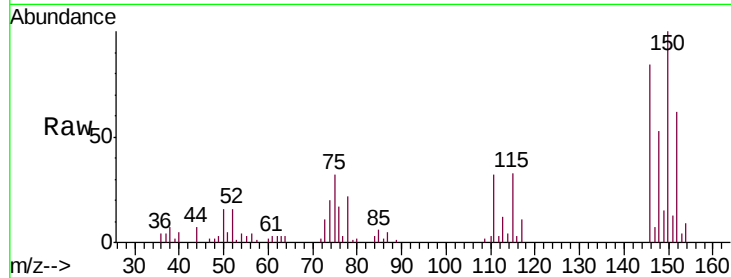
Tot Ion:146 Resp: 11511

Ion Ratio Lower Upper

146 100

111 37.8 26.0 48.4

148 63.3 44.6 82.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

