

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007996.D
 Acq On : 01 Oct 2018 15:50
 Operator : SY/MD
 Sample : J5091-03RE
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S7

Quant Time: Oct 02 02:57:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 02:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90570	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17935	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.59	69	17694	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.14	63	31142	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.96	46	72882	49.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	4.41	84	51547	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.09	65	27710	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	94535	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	31708	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	85866	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	10219	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.14	63	51093	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24596	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38040	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

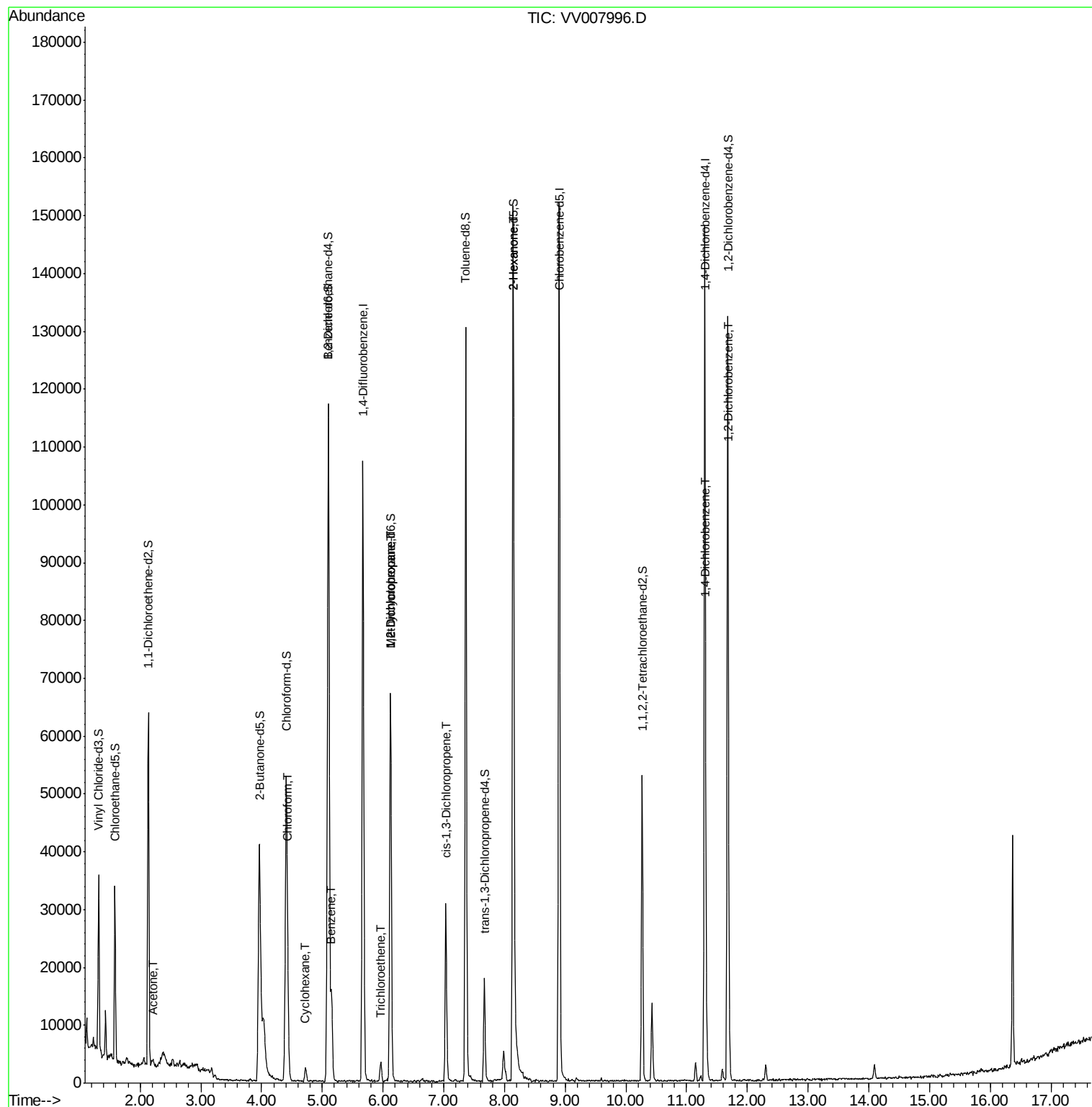
					Ovalue
13) Acetone	2.22	43	1571	1.476	ug/L 95
25) Chloroform	4.43	83	6936	0.570	ug/L 95
30) Cyclohexane	4.73	56	1159	0.120	ug/L # 92
33) Benzene	5.15	78	15067	0.618	ug/L 100
34) Trichloroethene	5.97	95	1057	0.151	ug/L 84
35) Methylcyclohexane	6.12	83	7626	0.729	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3432	0.551	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	683	0.082	ug/L # 80
48) 2-Hexanone	8.14	43	6932	2.550	ug/L # 69
63) 1,4-Dichlorobenzene	11.32	146	1591	0.110	ug/L 97
65) 1,2-Dichlorobenzene	11.69	146	2011	0.153	ug/L 90

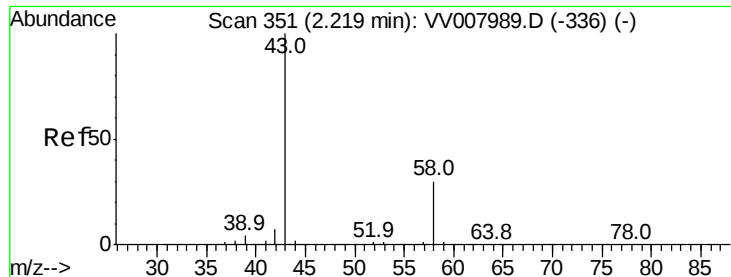
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 02:56:09 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.476 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV007996.D

Acq: 01 Oct 2018 15:50

Instrument :

MSVOA_V

ClientSampleId :

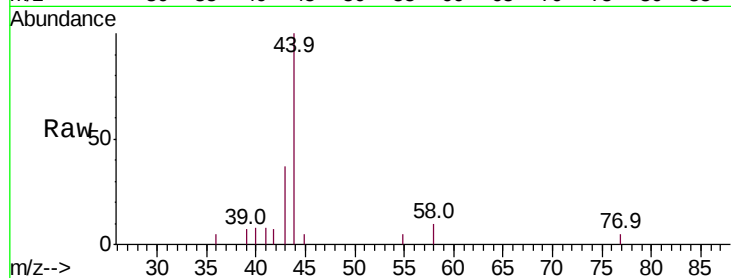
E62S7

Tot Ion: 43 Resp: 1571

Ion Ratio Lower Upper

43 100

58 28.1 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007989.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007989.D (-336) (-)

2.22

800

600

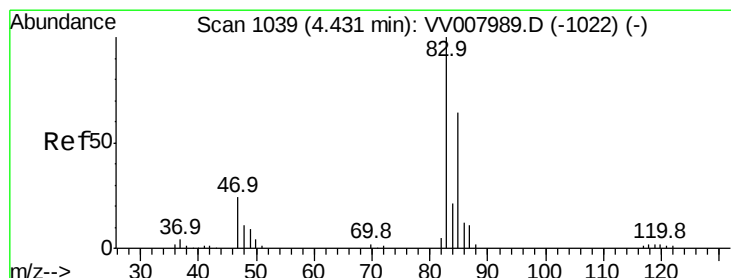
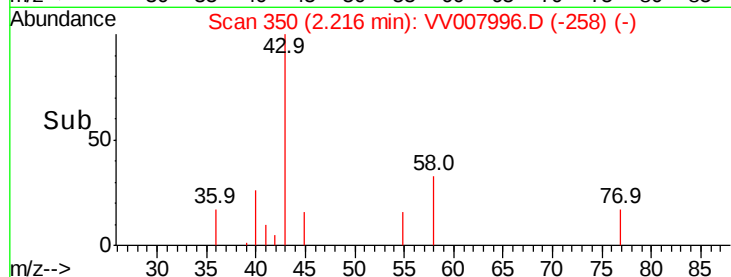
400

200

0

2.15 2.20 2.25 2.30

Time-->



#25

Chloroform

Concen: 0.570 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007996.D

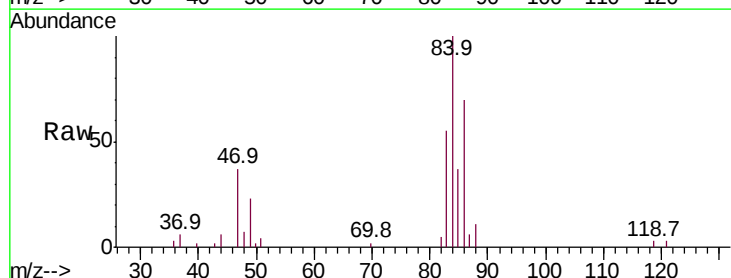
Acq: 01 Oct 2018 15:50

Tgt Ion: 83 Resp: 6936

Ion Ratio Lower Upper

83 100

85 67.6 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007989.D (-1022) (-)

Ion 85.00 (84.70 to 85.70): VV007989.D (-1022) (-)

4.43

3000

2500

2000

1500

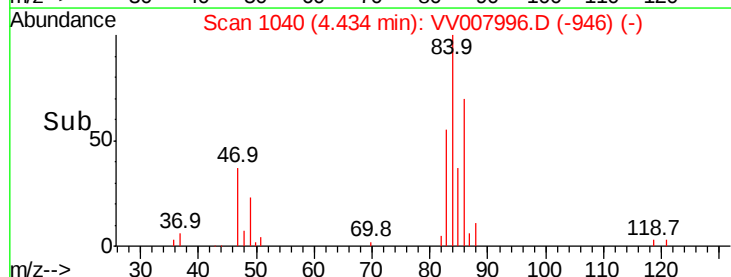
1000

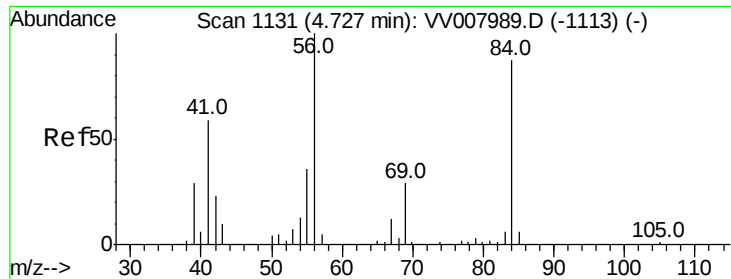
500

0

4.35 4.40 4.45 4.50

Time-->

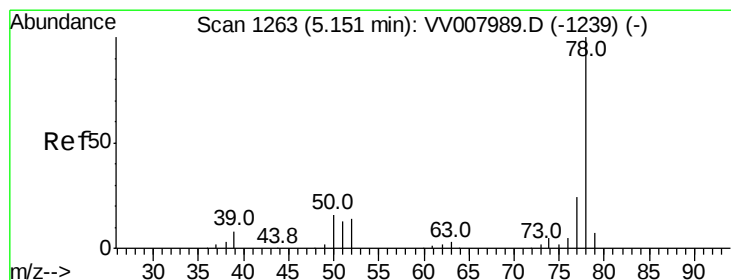
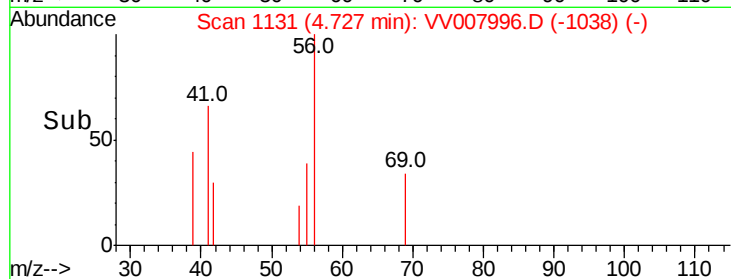
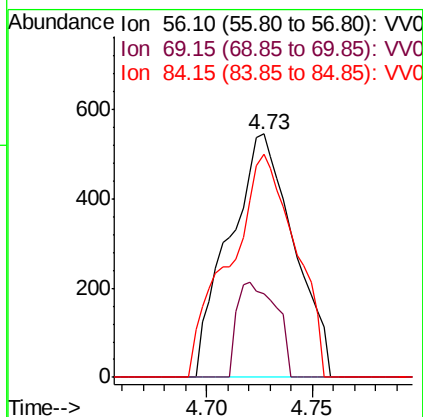
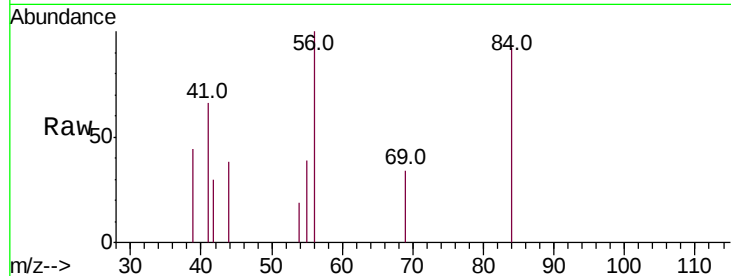




#30
Cyclohexane
Concen: 0.120 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV007996.D
Acq: 01 Oct 2018 15:50

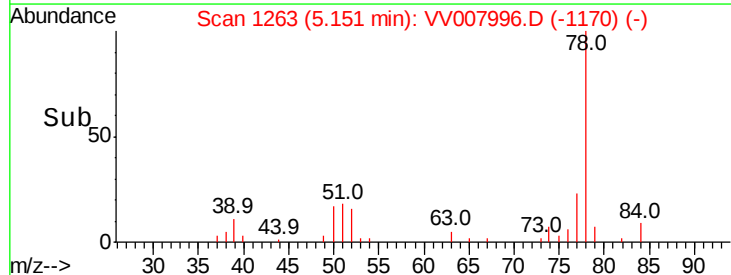
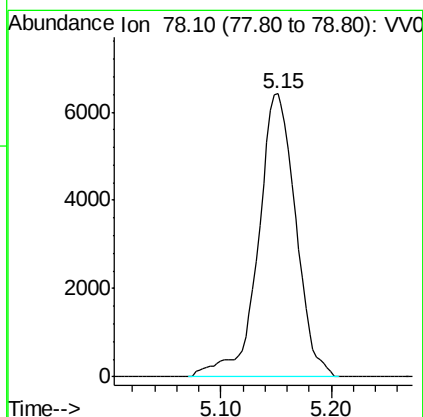
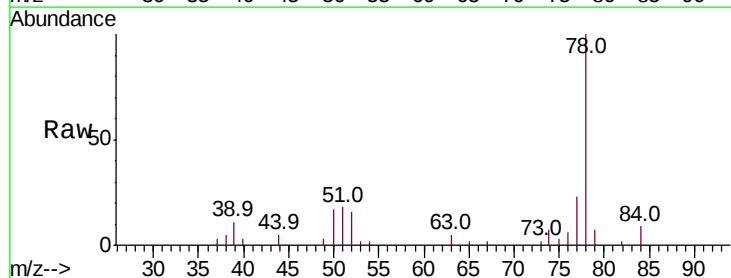
Instrument :
MSVOA_V
ClientSampleId :
E62S7

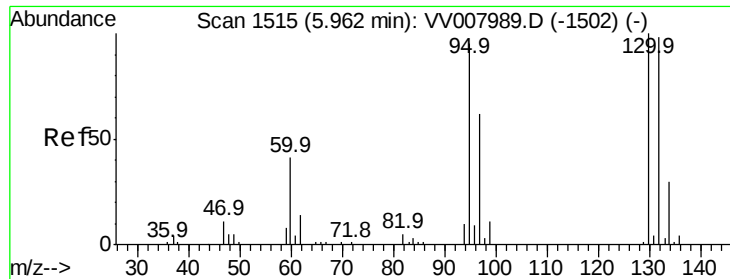
Tot Ion: 56 Resp: 1159
Ion Ratio Lower Upper
56 100
69 23.6 24.2 36.4#
84 93.4 69.8 104.8



#33
Benzene
Concen: 0.618 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV007996.D
Acq: 01 Oct 2018 15:50

Tgt Ion: 78 Resp: 15067





#34

Trichloroethene

Concen: 0.151 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV007996.D

Acq: 01 Oct 2018 15:50

Instrument :

MSVOA_V

ClientSampleId :

E62S7

Tot Ion: 95 Resp: 1057

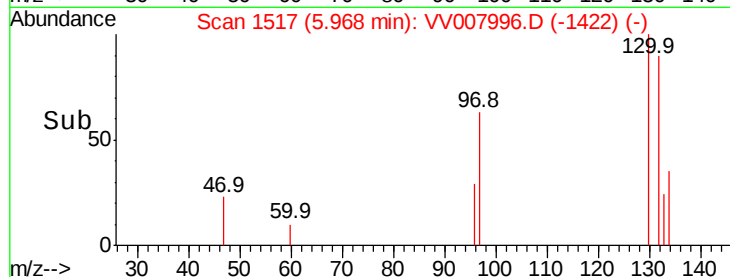
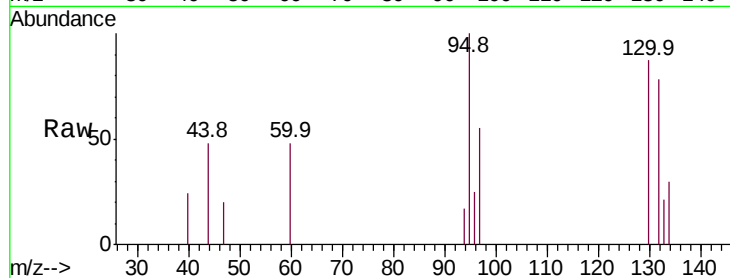
Ion Ratio Lower Upper

95 100

97 55.0 43.6 81.0

132 78.0 69.9 129.9

130 86.9 71.7 133.3

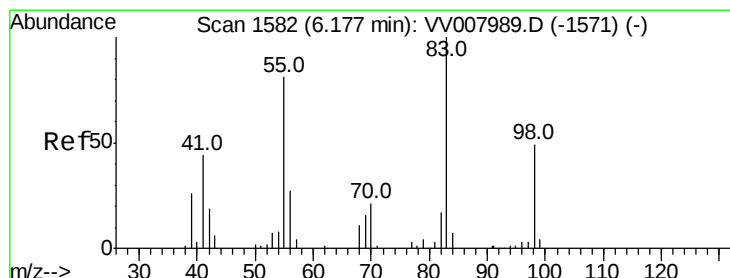
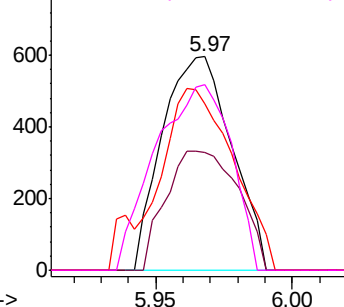


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV007996.D

Acq: 01 Oct 2018 15:50

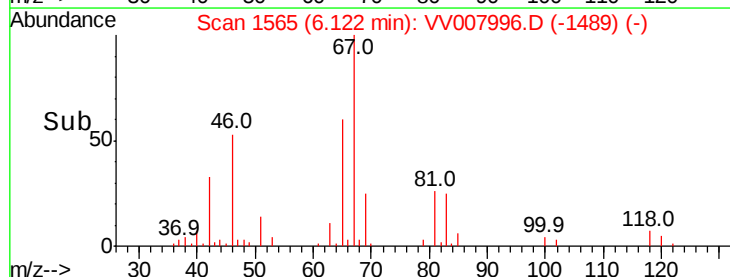
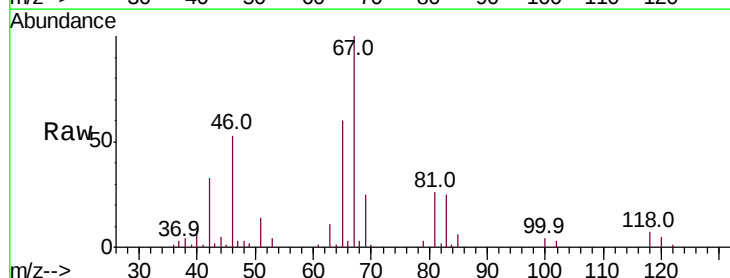
Tgt Ion: 83 Resp: 7626

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

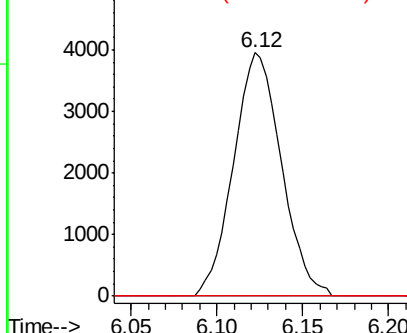
98 0.0 38.0 57.0#

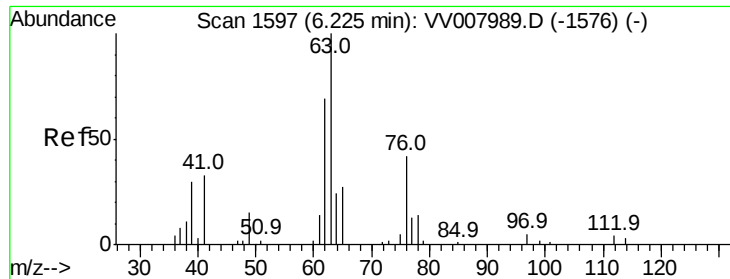


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007996.D

Acq: 01 Oct 2018 15:50

Instrument :

MSVOA_V

ClientSampleId :

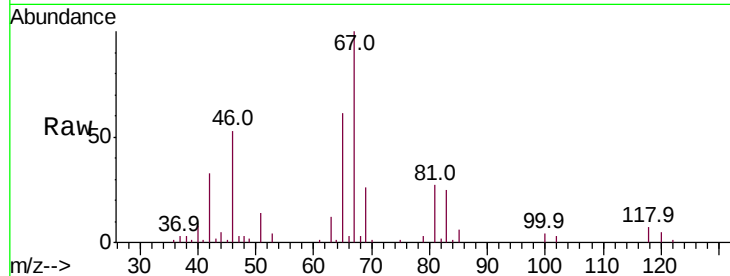
E62S7

Tot Ion: 63 Resp: 3432

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007989.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV007989.D (-1576) (-)

6.13

2000

1500

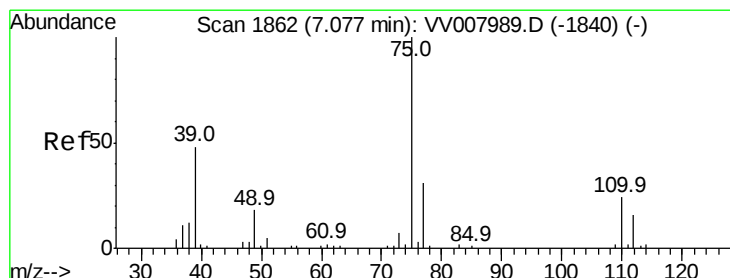
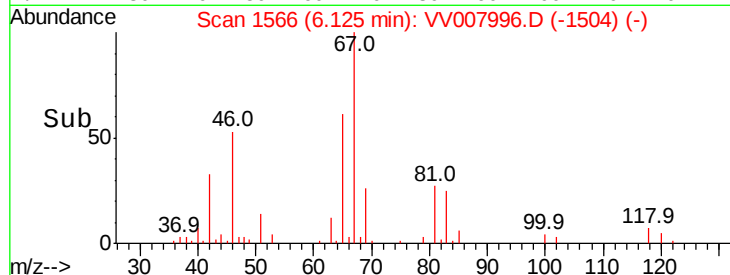
1000

500

0

6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007996.D

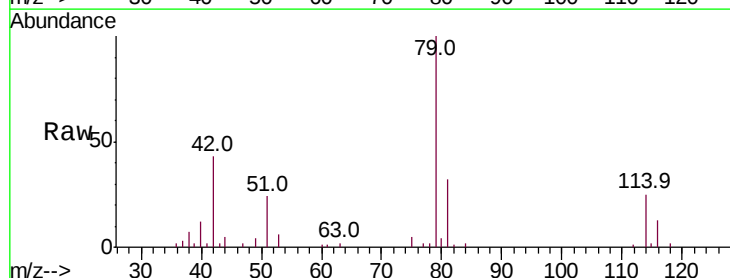
Acq: 01 Oct 2018 15:50

Tgt Ion: 75 Resp: 683

Ion Ratio Lower Upper

75 100

77 44.2 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007989.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007989.D (-1840) (-)

7.04

500

400

300

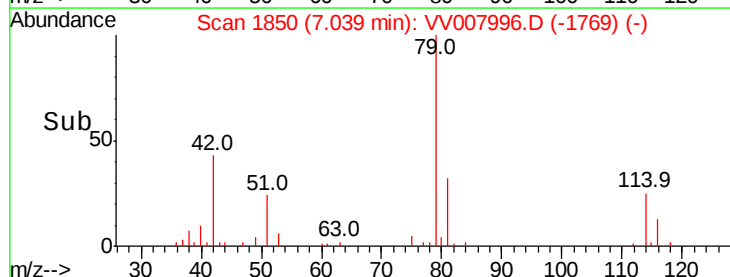
200

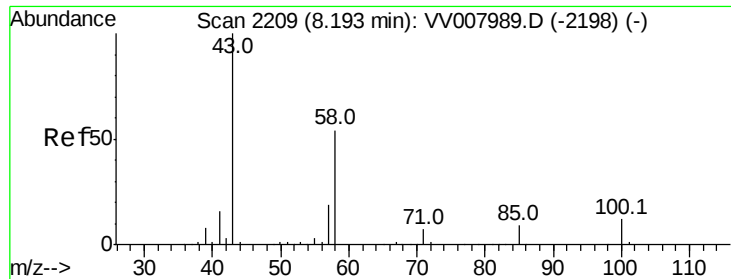
100

0

7.00 7.02 7.04 7.06 7.08

Time-->

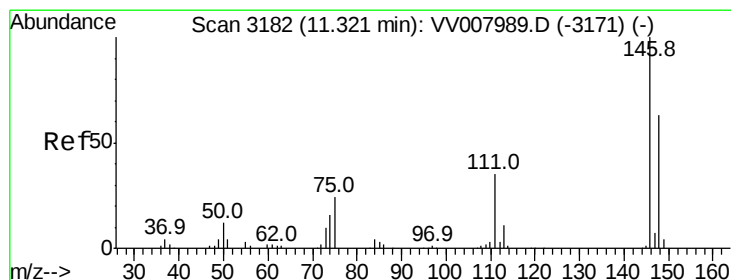
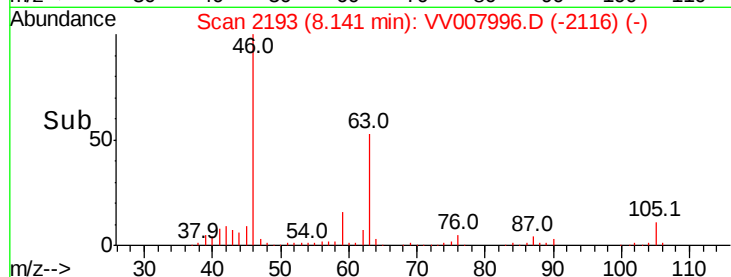
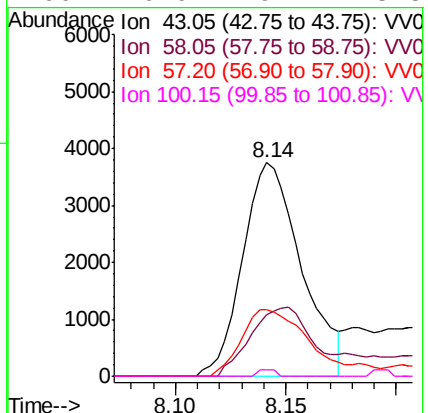
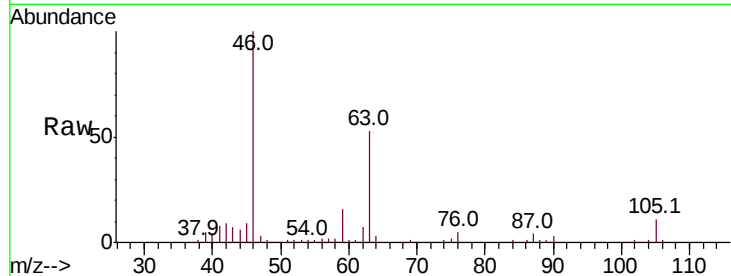




#48
2-Hexanone
Concen: 2.550 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007996.D
Acq: 01 Oct 2018 15:50

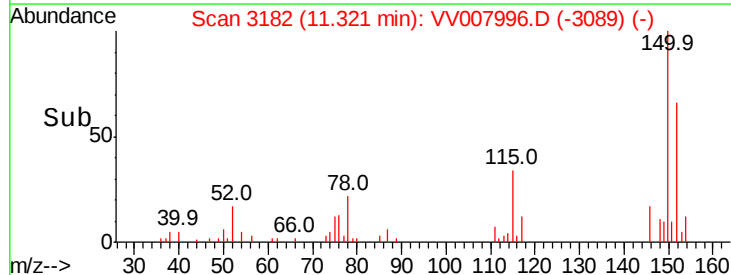
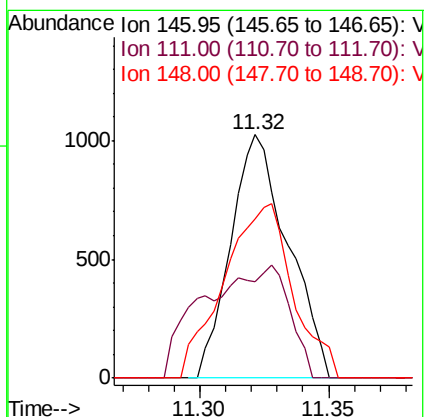
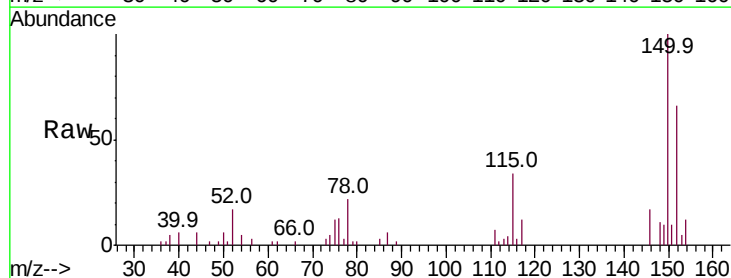
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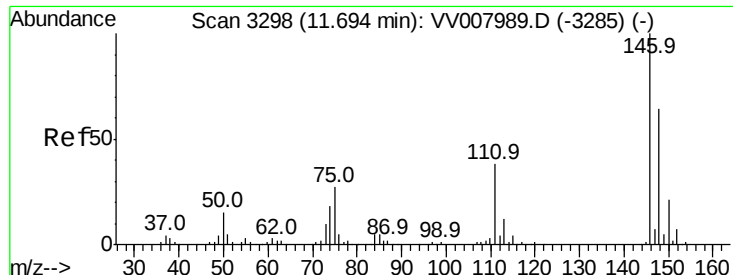
Tot Ion: 43 Resp: 6932
Ion Ratio Lower Upper
43 100
58 32.5 41.9 62.9#
57 37.0 14.3 21.5#
100 0.9 9.2 13.8#



#63
1,4-Dichlorobenzene
Concen: 0.110 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV007996.D
Acq: 01 Oct 2018 15:50

Tgt Ion: 146 Resp: 1591
Ion Ratio Lower Upper
146 100
111 39.7 25.3 47.1
148 65.1 44.7 82.9





#65

1,2-Dichlorobenzene

Concen: 0.153 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007996.D

Acq: 01 Oct 2018 15:50

Instrument :

MSVOA_V

ClientSampleId :

E62S7

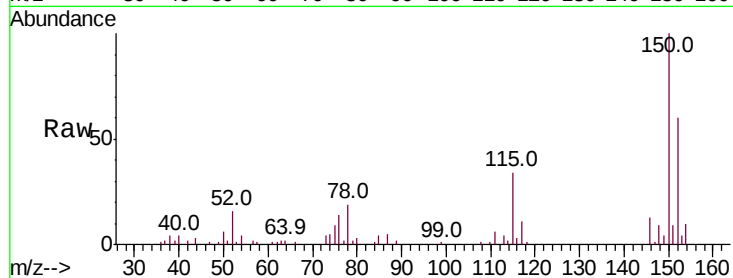
Tot Ion:146 Resp: 2011

Ion Ratio Lower Upper

146 100

111 46.5 31.2 46.8

148 70.0 50.3 75.5



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

