

Data File : VV008431.D
Acq On : 26 Oct 2018 14:27
Operator : SY/MD
Sample : J5669-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW5

Quant Time: Oct 27 04:46:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	193579	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52710	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.36%
7) Chloroethane-d5	1.56	69	40199	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.90%
11) 1,1-Dichloroethene-d2	2.13	63	72160	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.56%
21) 2-Butanone-d5	3.94	46	116059	99.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.64%
24) Chloroform-d	4.41	84	125620	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.09	65	88456	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.10	84	258803	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
36) 1,2-Dichloropropane-d6	6.12	67	88068	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.36	98	234485	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%
43) trans-1,3-Dichloropropene-	7.67	79	41569	49.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.54%
47) 2-Hexanone-d5	8.13	63	86231	96.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.07%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114411	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	76707	53.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.24%

Target Compounds

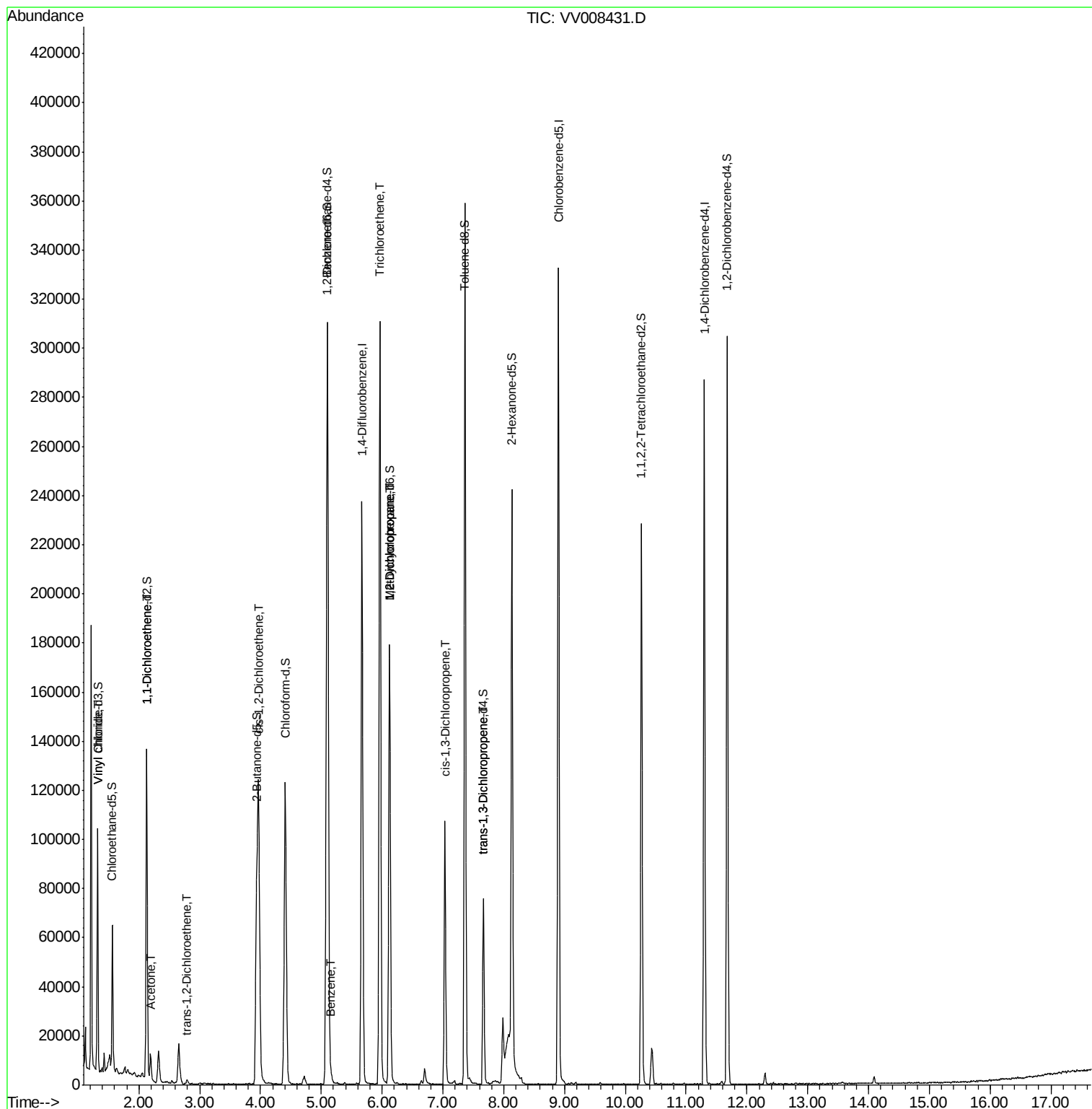
					Qvalue
5) Vinyl chloride	1.32	62	1586	1.156 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	737	0.849 ug/L #	1
13) Acetone	2.19	43	8559	9.468 ug/L	99
17) trans-1,2-Dichloroethene	2.80	96	377	0.285 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	57018	37.801 ug/L	96
33) Benzene	5.16	78	2702	0.476 ug/L	100
34) Trichloroethene	5.96	95	112336	77.239 ug/L	98
35) Methylcyclohexane	6.12	83	19806	8.010 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9276	5.912 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2539	1.029 ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	1740	0.754 ug/L	87

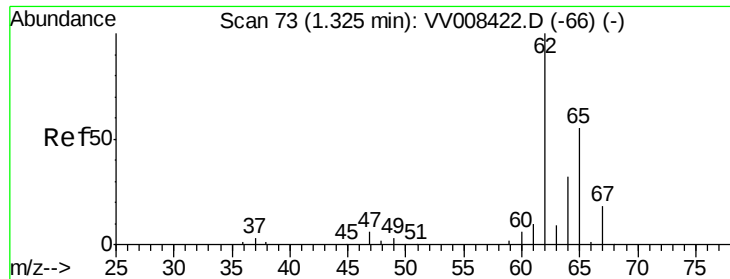
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.156 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

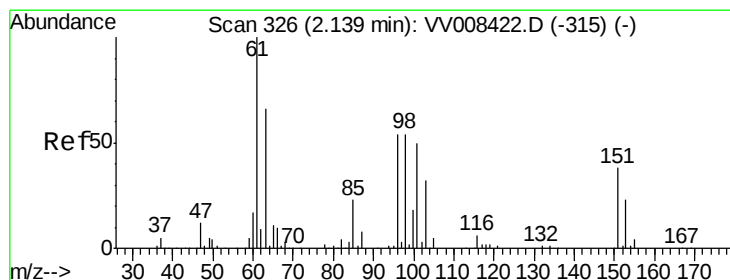
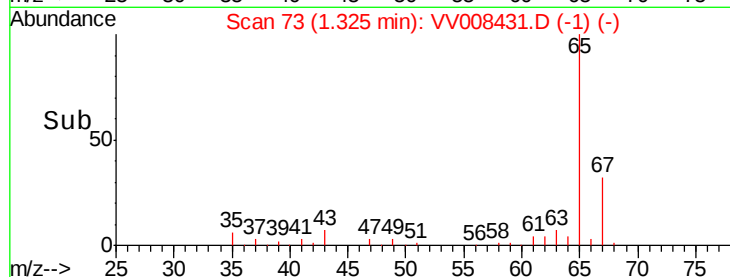
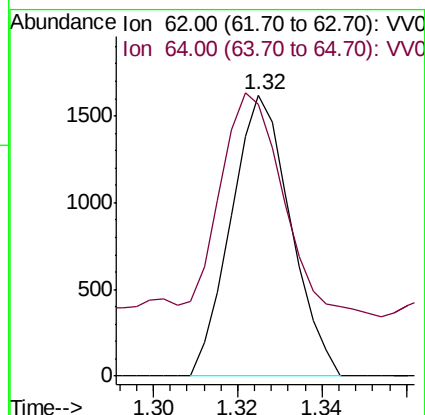
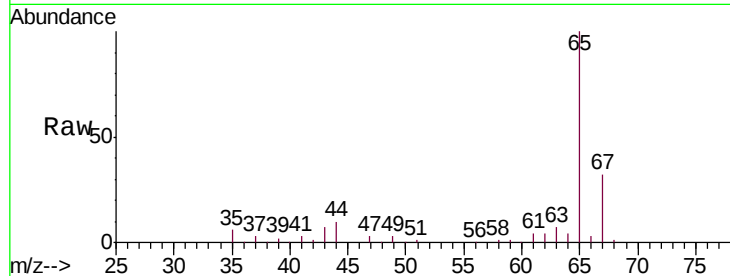
ETBW5

Tgt Ion: 62 Resp: 1586

Ion Ratio Lower Upper

62 100

64 96.8 24.4 45.4#



#12

1,1-Dichloroethene

Concen: 0.849 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008431.D

Acq: 26 Oct 2018 14:27

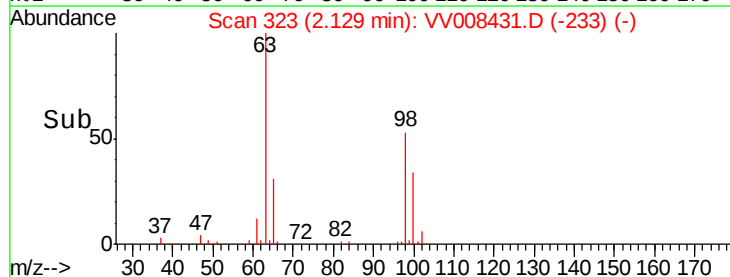
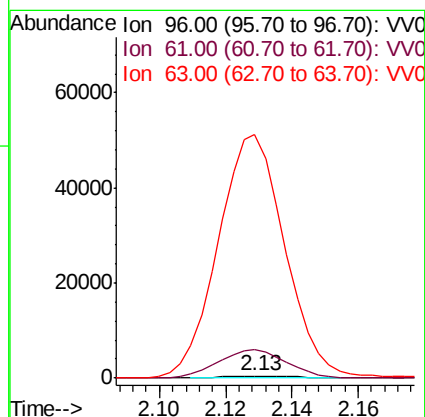
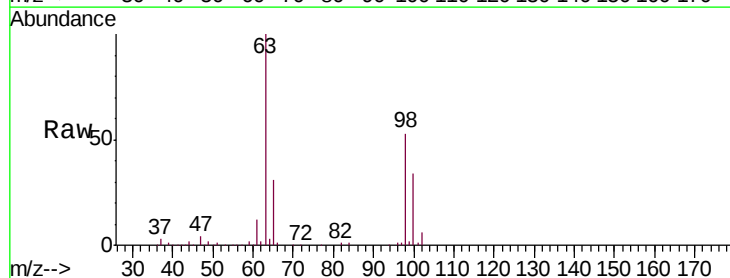
Tgt Ion: 96 Resp: 737

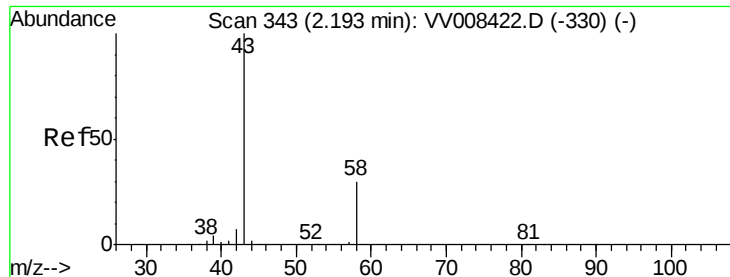
Ion Ratio Lower Upper

96 100

61 1229.1 130.3 242.1#

63 10576.9 84.4 156.8#





#13

Acetone

Concen: 9.468 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008431.D

Acq: 26 Oct 2018 14:27

Instrument :

MSVOA_V

ClientSampleId :

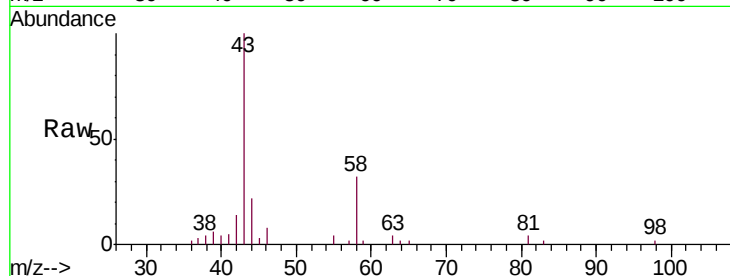
ETBW5

Tgt Ion: 43 Resp: 8559

Ion Ratio Lower Upper

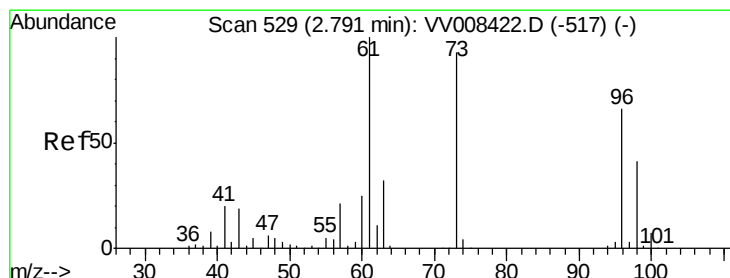
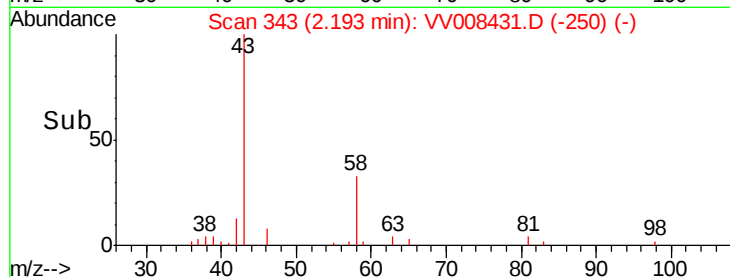
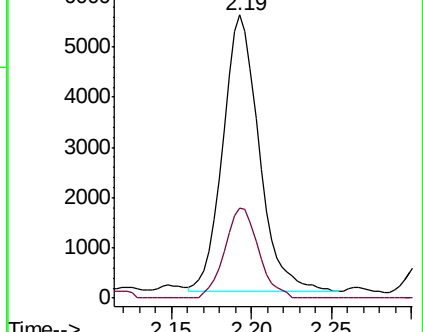
43 100

58 30.1 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008422.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV008422.D (-330) (-)



#17

trans-1,2-Dichloroethene

Concen: 0.285 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.01 min

Lab File: VV008431.D

Acq: 26 Oct 2018 14:27

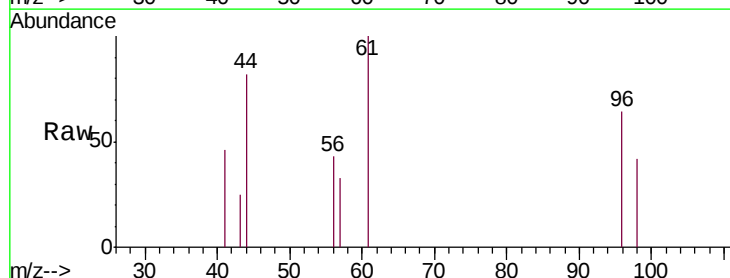
Tgt Ion: 96 Resp: 377

Ion Ratio Lower Upper

96 100

61 155.2 108.6 201.6

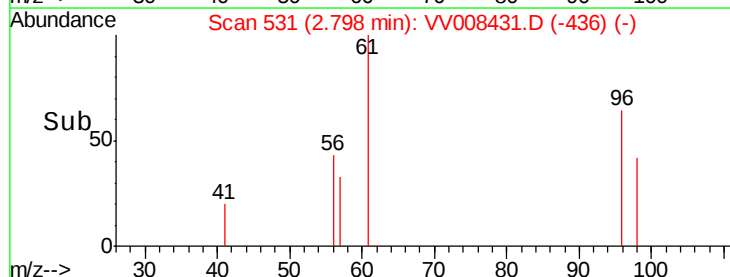
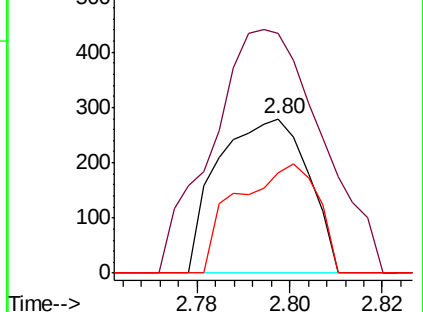
98 65.2 44.3 82.3

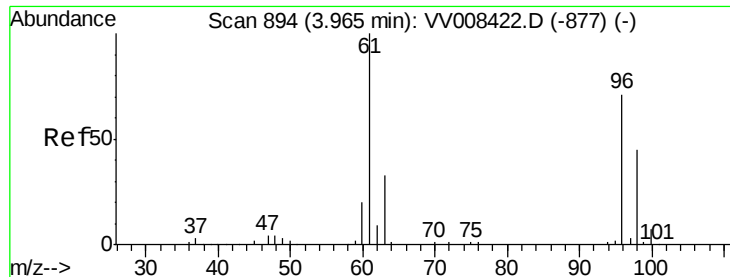


Abundance Ion 96.00 (95.70 to 96.70): VV008422.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008422.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008422.D (-517) (-)

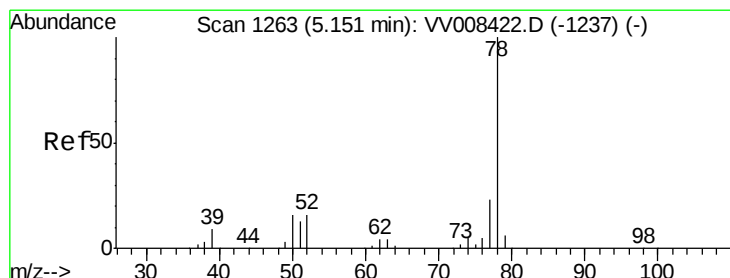
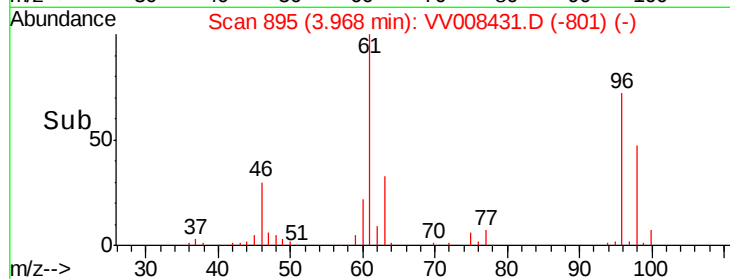
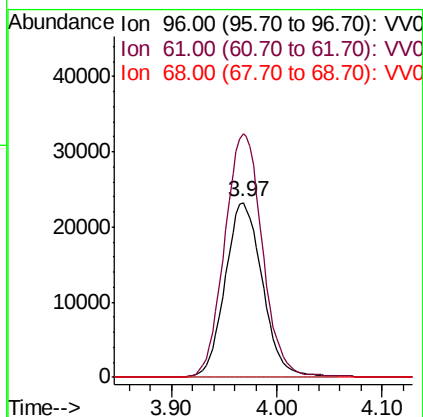
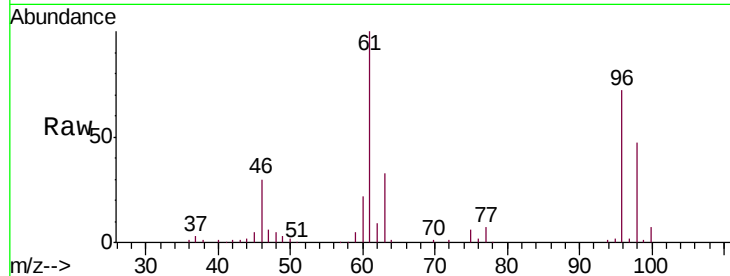




#20
 cis-1,2-Dichloroethene
 Concen: 37.801 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008431.D
 Acq: 26 Oct 2018 14:27

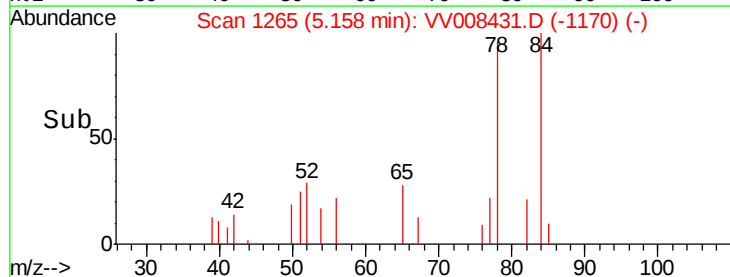
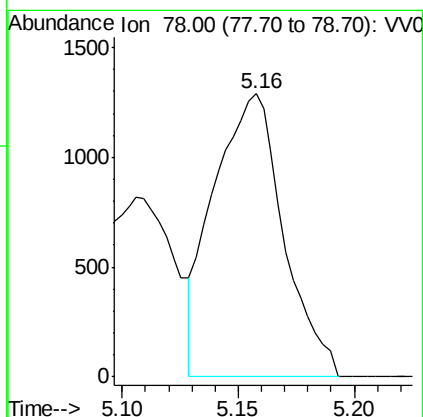
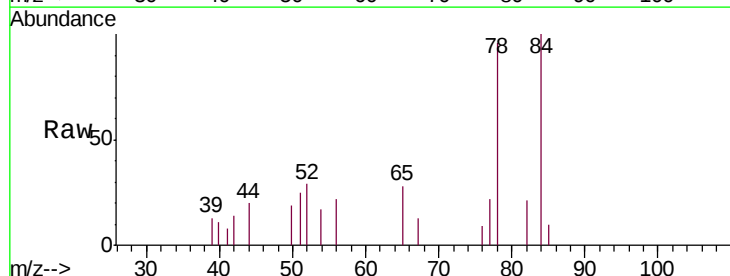
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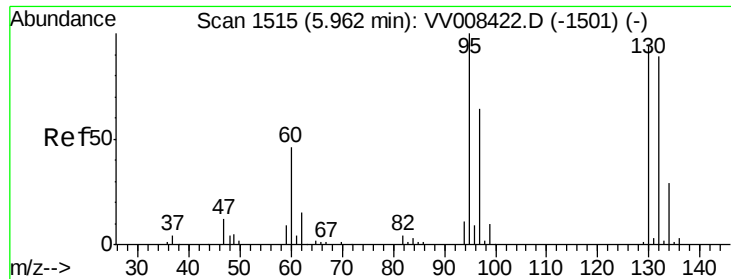
Tgt Ion: 96 Resp: 57018
 Ion Ratio Lower Upper
 96 100
 61 139.4 100.9 187.5
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.476 ug/L
 RT: 5.16 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: VV008431.D
 Acq: 26 Oct 2018 14:27

Tgt Ion: 78 Resp: 2702

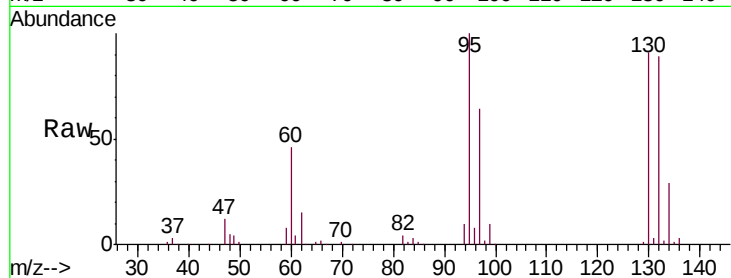




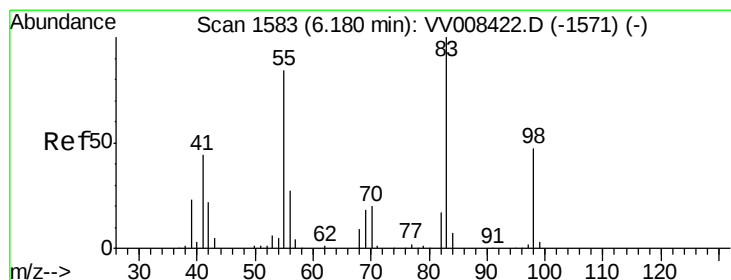
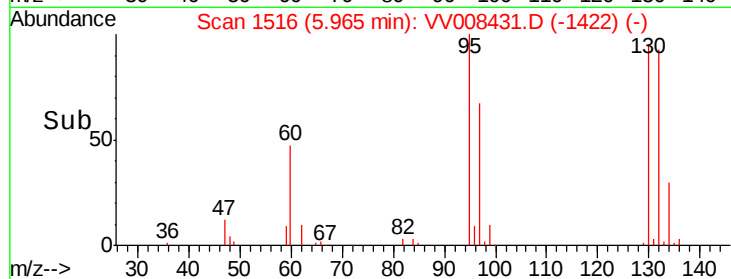
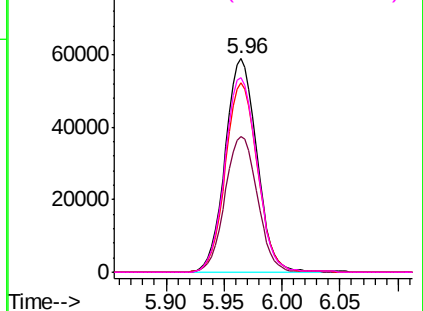
#34
 Trichloroethene
 Concen: 77.239 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008431.D
 Acq: 26 Oct 2018 14:27

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW5

Tgt Ion: 95 Resp: 112336
 Ion Ratio Lower Upper
 95 100
 97 63.7 45.2 84.0
 132 88.6 63.8 118.6
 130 91.2 64.7 120.1

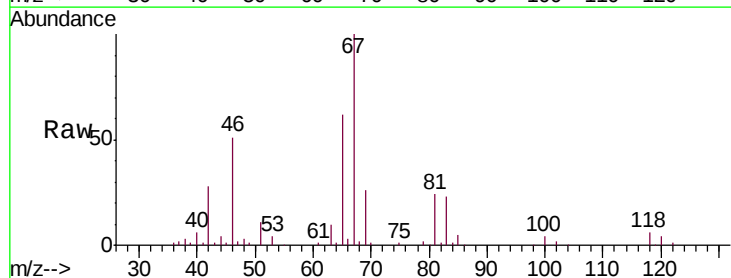


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

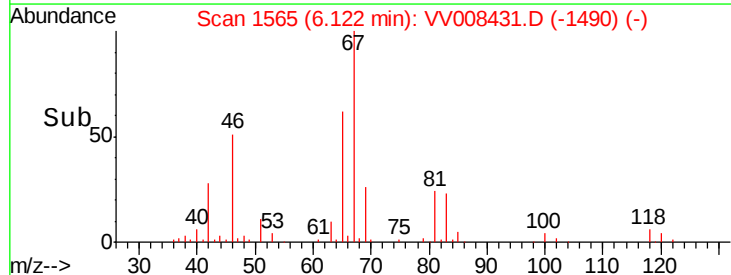
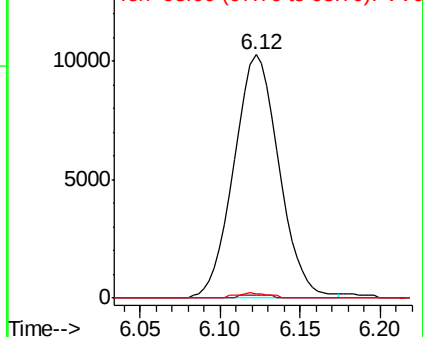


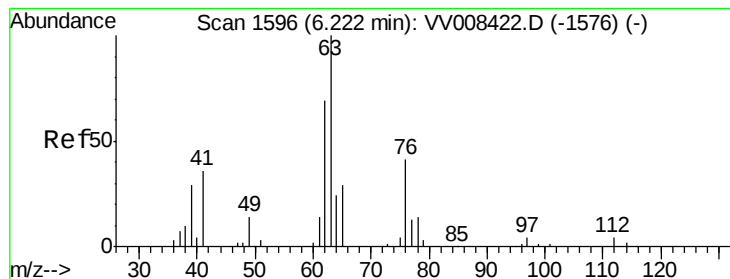
#35
 Methylcyclohexane
 Concen: 8.010 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008431.D
 Acq: 26 Oct 2018 14:27

Tgt Ion: 83 Resp: 19806
 Ion Ratio Lower Upper
 83 100
 55 0.8 65.0 97.4#
 98 1.3 36.0 54.0#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 5.912 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008431.D

Acq: 26 Oct 2018 14:27

Instrument :

MSVOA_V

ClientSampleId :

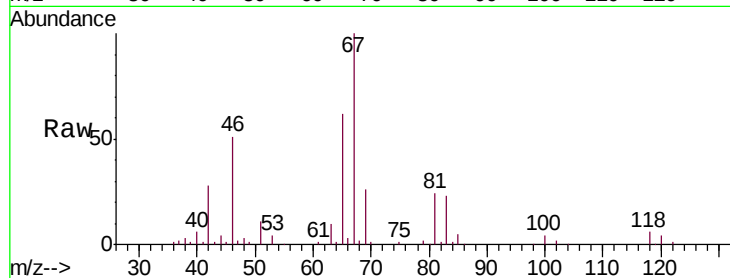
ETBW5

Tgt Ion: 63 Resp: 9276

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV008422.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV008422.D (-1576) (-)

6.12

4000

3000

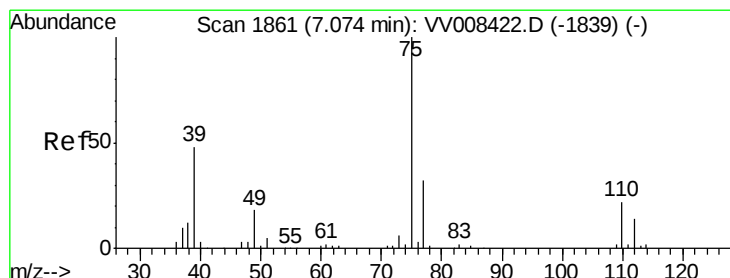
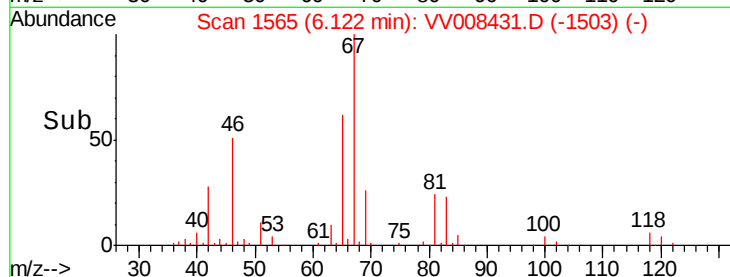
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.029 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008431.D

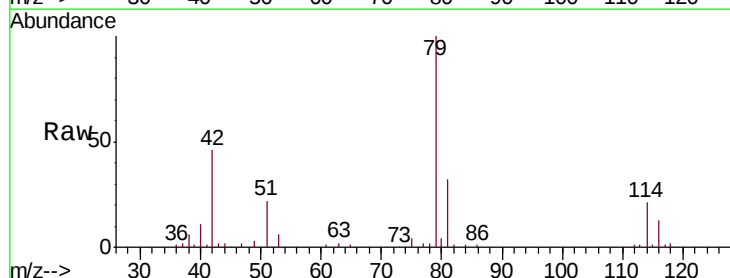
Acq: 26 Oct 2018 14:27

Tgt Ion: 75 Resp: 2539

Ion Ratio Lower Upper

75 100

77 54.1 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV008422.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV008422.D (-1839) (-)

7.03

1500

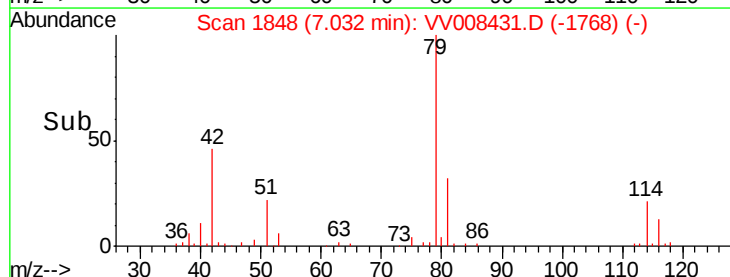
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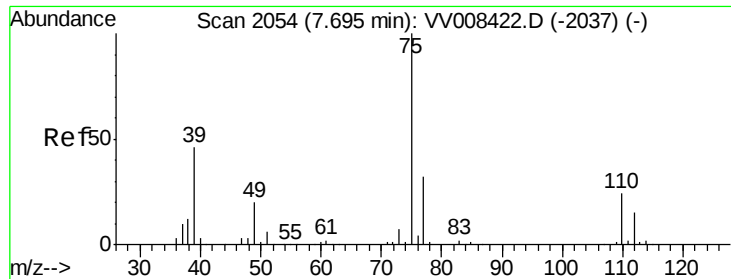
500

0

7.00 7.05

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008431.D

Acq: 26 Oct 2018 14:27

Instrument :

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ClientSampleId :

ETBW5

Tgt Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.4

