

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006665.D
 Acq On : 20 Jul 2018 14:11
 Operator : SY/MD
 Sample : J3983-03DL 5X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB170DL

Quant Time: Jul 26 02:09:43 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	215945	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	197530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85800	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71398	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	52722	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	100722	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.95	46	126917	38.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.12%
24) Chloroform-d	4.41	84	125119	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	61457	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	267318	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	84502	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	232716	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	23154	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	124320	44.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59415	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	80989	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

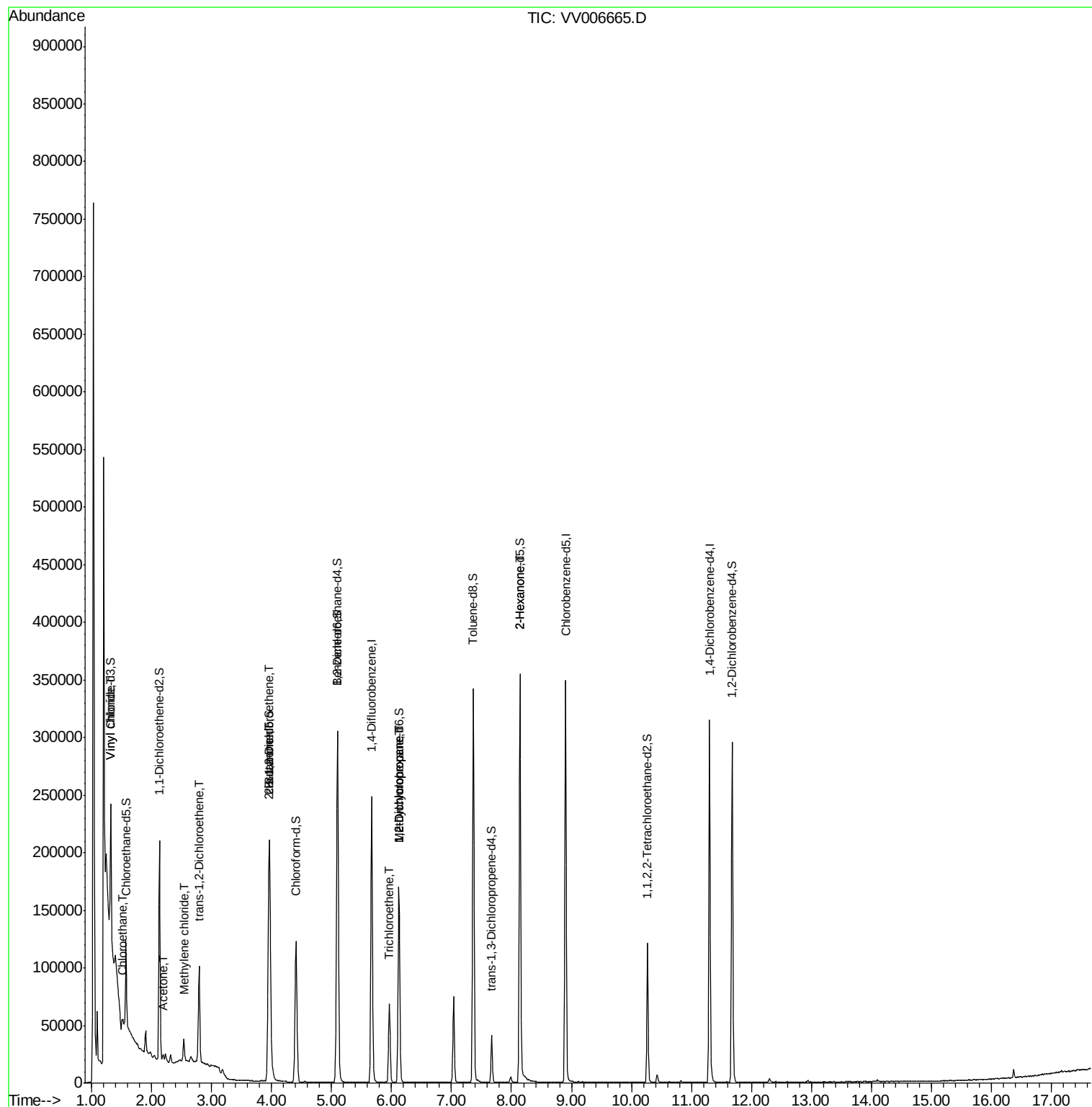
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	20755	0.925	ug/L #	1
8) Chloroethane	1.52	64	18796	1.459	ug/L #	53
13) Acetone	2.19	43	1565	0.620	ug/L	95
16) Methylene chloride	2.54	84	7393	0.368	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	31012	1.760	ug/L	98
21) 2-Butanone	3.96	43	1123	0.266	ug/L	75
22) cis-1,2-Dichloroethene	3.97	96	78183	4.238	ug/L	99
34) Trichloroethene	5.96	95	23669	1.346	ug/L	96
35) Methylcyclohexane	6.12	83	19759	0.673	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8529	0.481	ug/L #	87
48) 2-Hexanone	8.14	43	13656	2.039	ug/L #	65

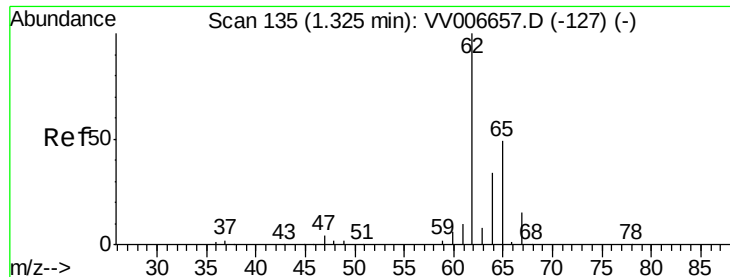
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.925 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006665.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_V

ClientSampleId :

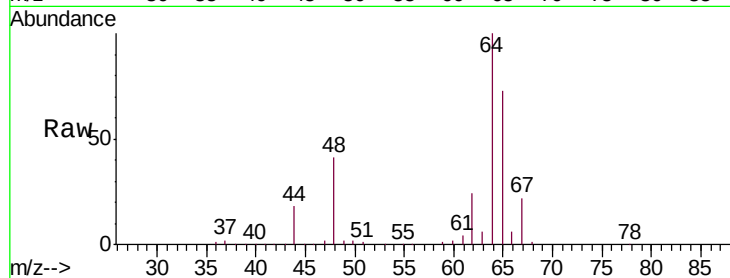
DB170DL

Tgt Ion: 62 Resp: 20755

Ion Ratio Lower Upper

62 100

64 416.4 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

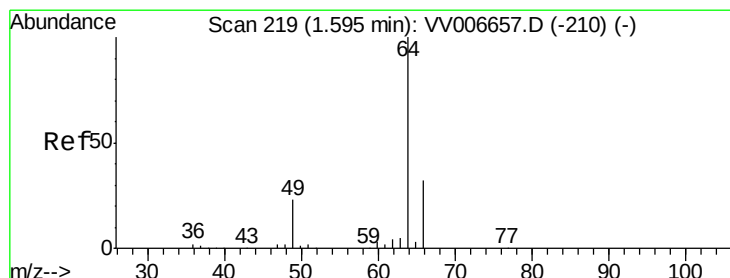
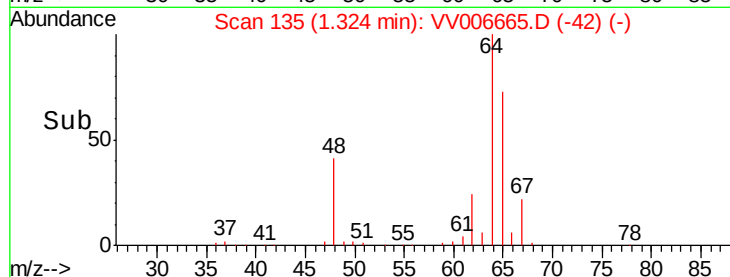
100000

50000

0

1.32

Time--> 1.25 1.30 1.35 1.40



#8

Chloroethane

Concen: 1.459 ug/L

RT: 1.52 min Scan# 196

Delta R.T. -0.07 min

Lab File: VV006665.D

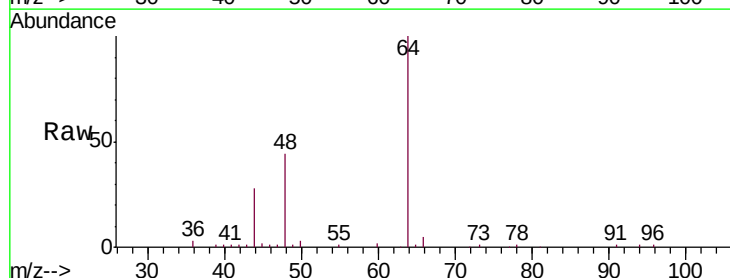
Acq: 20 Jul 2018 14:11

Tgt Ion: 64 Resp: 18796

Ion Ratio Lower Upper

64 100

66 4.8 21.1 39.3#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

30000

25000

20000

15000

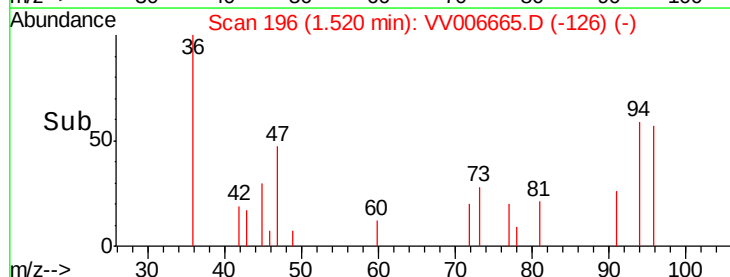
10000

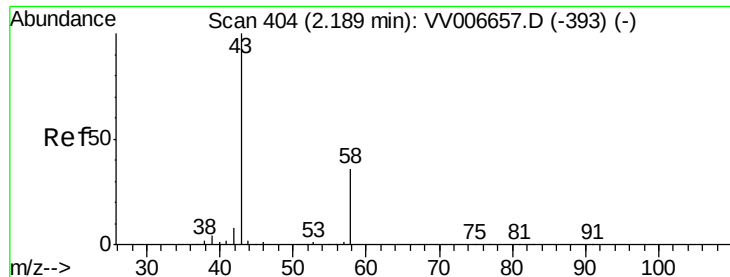
5000

0

1.52

Time--> 1.48 1.50 1.52 1.54





#13

Acetone

Concen: 0.620 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006665.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_V

ClientSampleId :

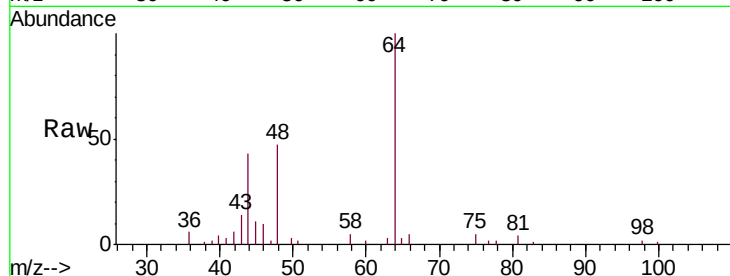
DB170DL

Tgt Ion: 43 Resp: 1565

Ion Ratio Lower Upper

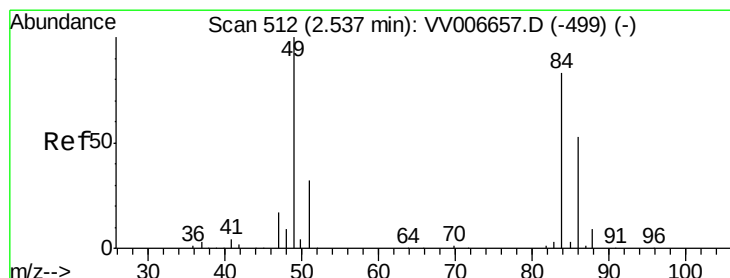
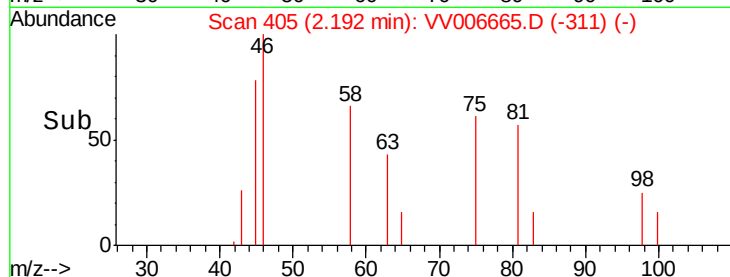
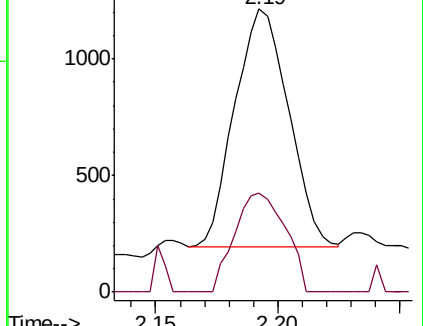
43 100

58 39.4 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV006665.D (-405) (-)

Ion 58.05 (57.75 to 58.75): VV006665.D (-405) (-)



#16

Methylene chloride

Concen: 0.368 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006665.D

Acq: 20 Jul 2018 14:11

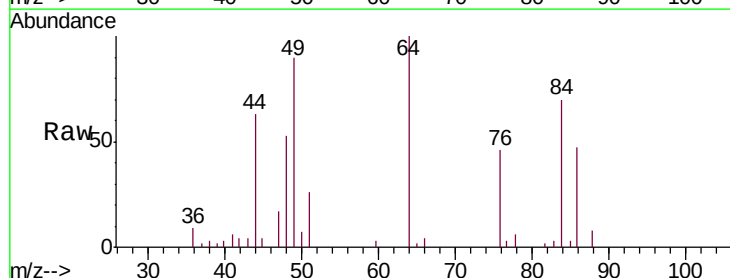
Tgt Ion: 84 Resp: 7393

Ion Ratio Lower Upper

84 100

86 67.1 45.4 84.2

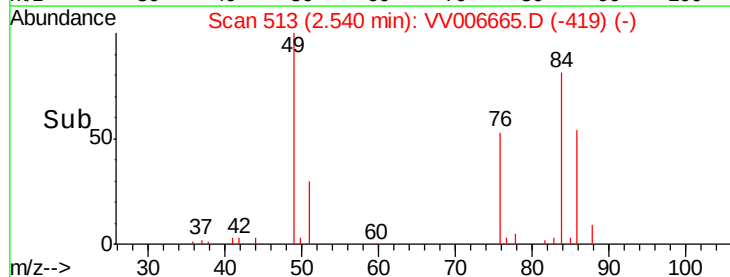
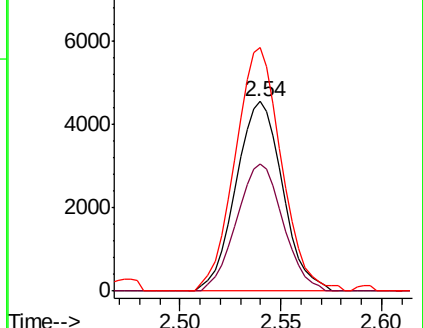
49 128.4 85.1 158.1

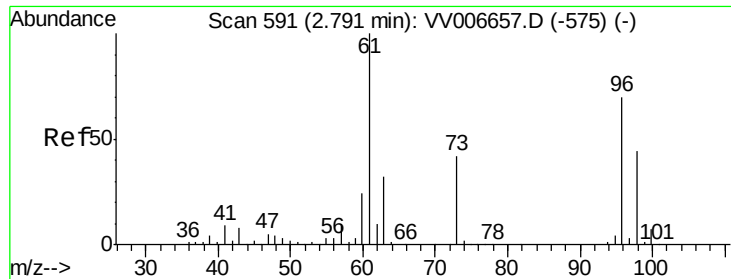


Abundance Ion 84.05 (83.75 to 84.75): VV006665.D (-513) (-)

Ion 86.00 (85.70 to 86.70): VV006665.D (-513) (-)

Ion 49.10 (48.80 to 49.80): VV006665.D (-513) (-)

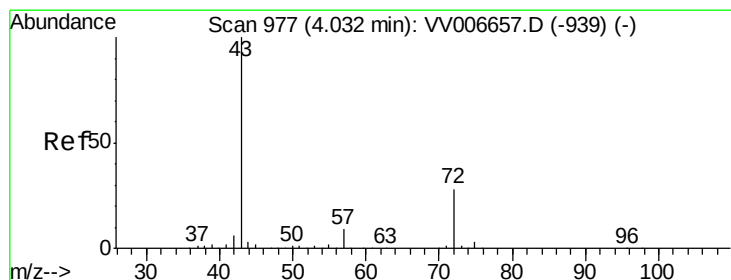
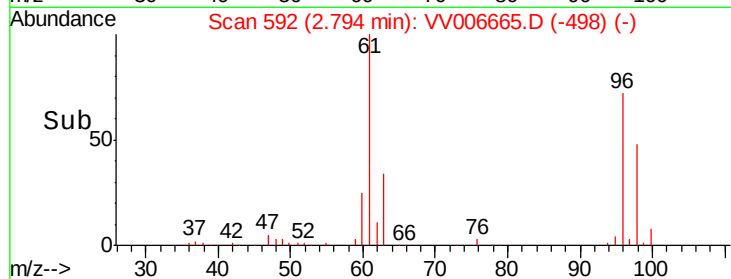
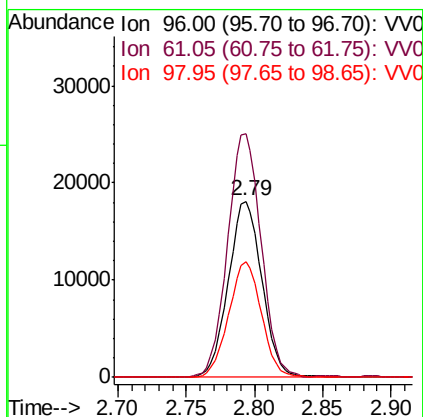
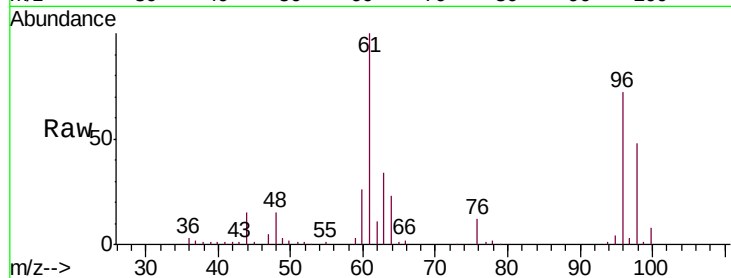




#18
 trans-1,2-Dichloroethene
 Concen: 1.760 ug/L
 RT: 2.79 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: VV006665.D
 Acq: 20 Jul 2018 14:11

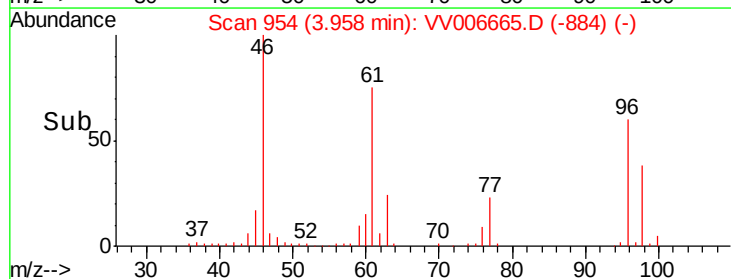
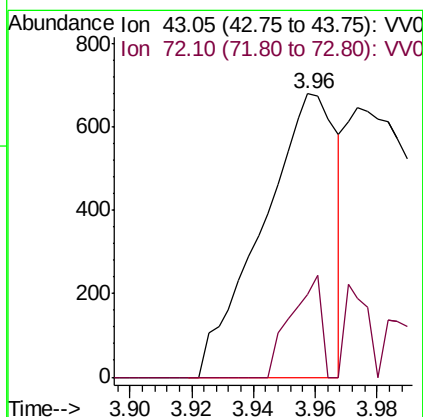
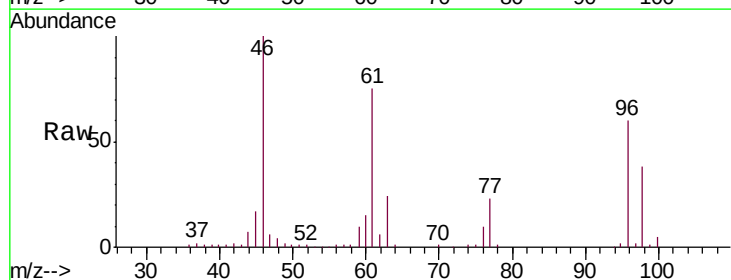
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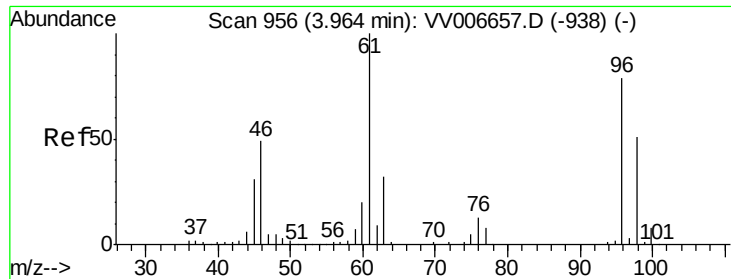
Tgt Ion: 96 Resp: 31012
 Ion Ratio Lower Upper
 96 100
 61 138.2 96.0 178.4
 98 65.8 43.5 80.9



#21
 2-Butanone
 Concen: 0.266 ug/L
 RT: 3.96 min Scan# 954
 Delta R.T. -0.07 min
 Lab File: VV006665.D
 Acq: 20 Jul 2018 14:11

Tgt Ion: 43 Resp: 1123
 Ion Ratio Lower Upper
 43 100
 72 14.7 13.9 41.6



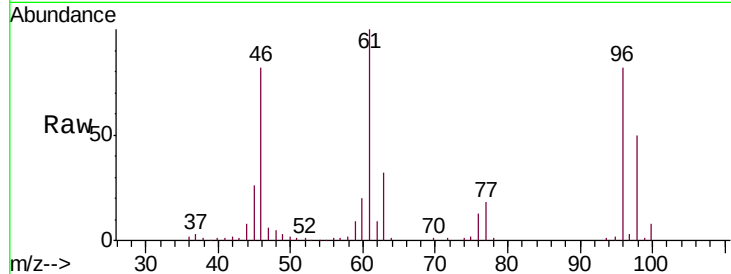


#22

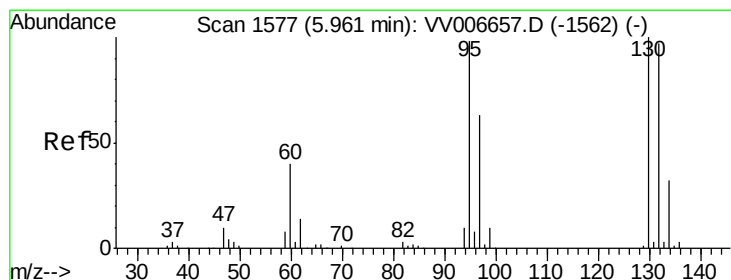
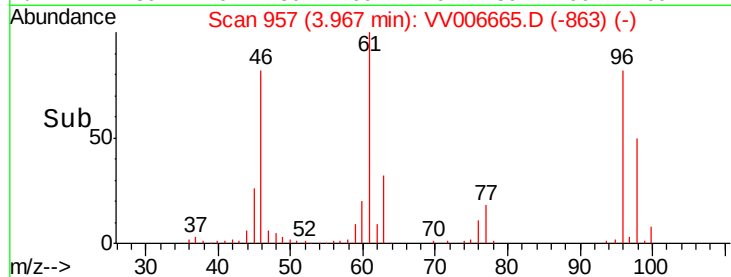
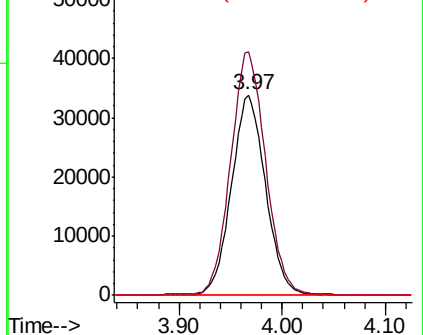
cis-1,2-Dichloroethene
 Concen: 4.238 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006665.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_V
 ClientSampled :
 DB170DL

Tgt Ion: 96 Resp: 78183
 Ion Ratio Lower Upper
 96 100
 61 121.6 86.2 160.0
 68 0.0 0.0 0.0



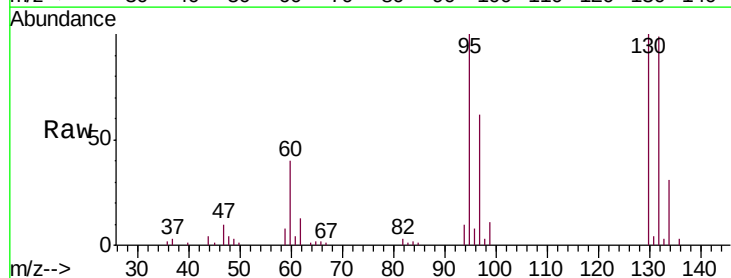
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



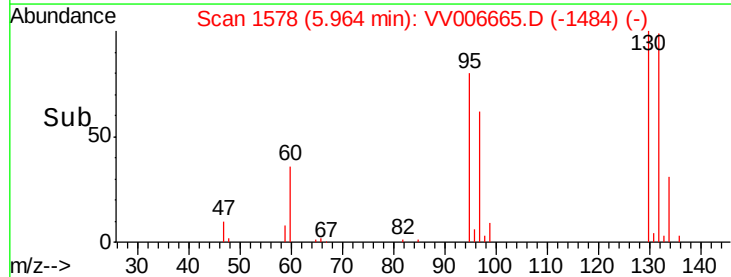
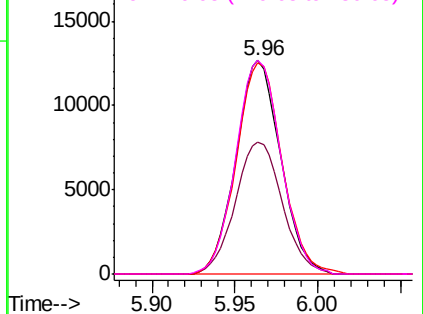
#34

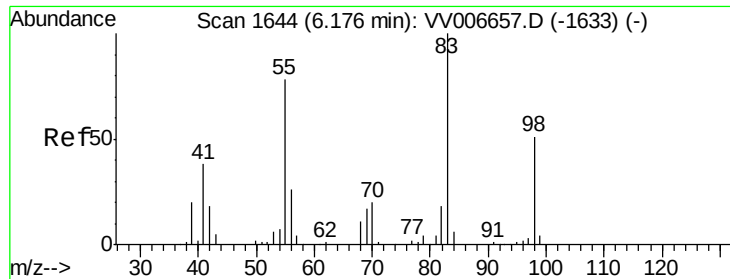
Trichloroethene
 Concen: 1.346 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006665.D
 Acq: 20 Jul 2018 14:11

Tgt Ion: 95 Resp: 23669
 Ion Ratio Lower Upper
 95 100
 97 61.6 45.3 84.1
 132 98.8 70.3 130.7
 130 100.0 73.7 136.9



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

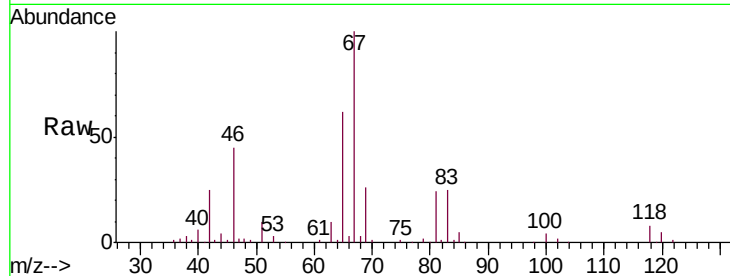




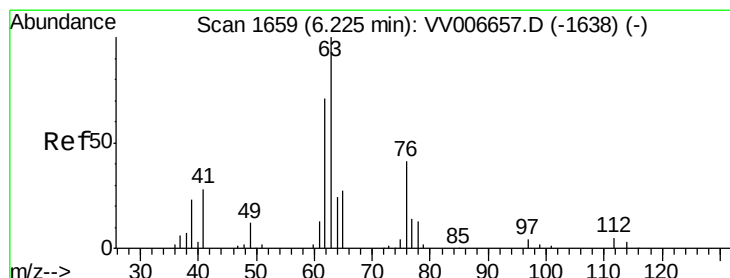
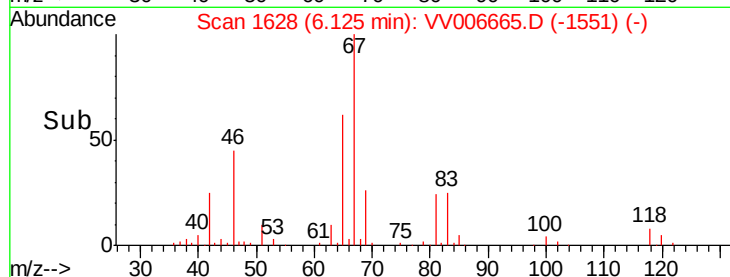
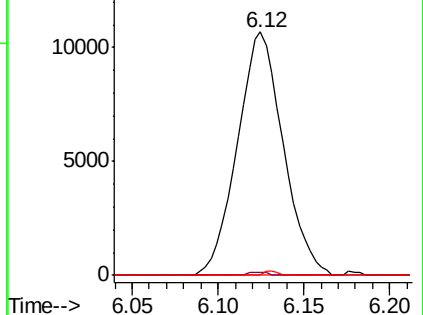
#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006665.D
Acq: 20 Jul 2018 14:11

Instrument :
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DB170DL

Tgt Ion: 83 Resp: 19759
Ion Ratio Lower Upper
83 100
55 0.4 61.3 91.9#
98 0.5 39.4 59.0#

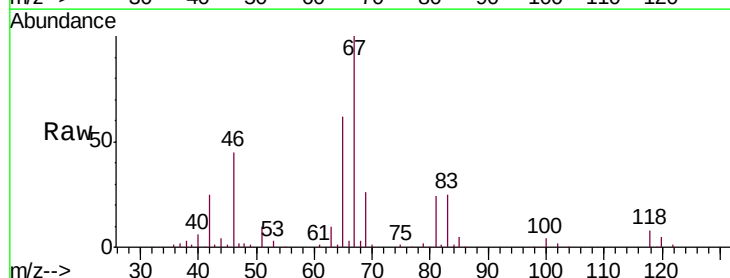


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

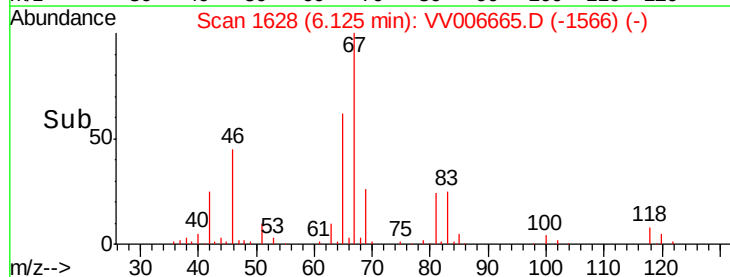
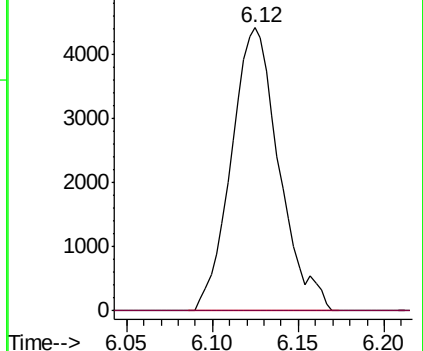


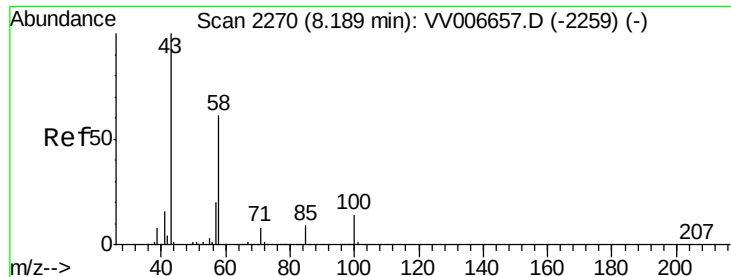
#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006665.D
Acq: 20 Jul 2018 14:11

Tgt Ion: 63 Resp: 8529
Ion Ratio Lower Upper
63 100
112 0.2 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 2.039 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006665.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 43 Resp: 13656
 Ion Ratio Lower Upper
 43 100
 58 32.7 48.2 72.2#
 57 35.6 16.2 24.4#
 100 1.3 11.0 16.4#

