

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007548.D
 Acq On : 15 Sep 2018 02:39
 Operator : SY/MD
 Sample : J4872-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KQ3

Quant Time: Sep 15 03:59:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 02:08:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118850	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47112	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24920	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.59	69	23944	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	44529	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.98	46	45335	52.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	4.41	84	52287	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.09	65	27147	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.10	84	104849	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	31200	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.36	98	102795	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.67	79	10662	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.15	63	30584	59.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20140	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38103	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

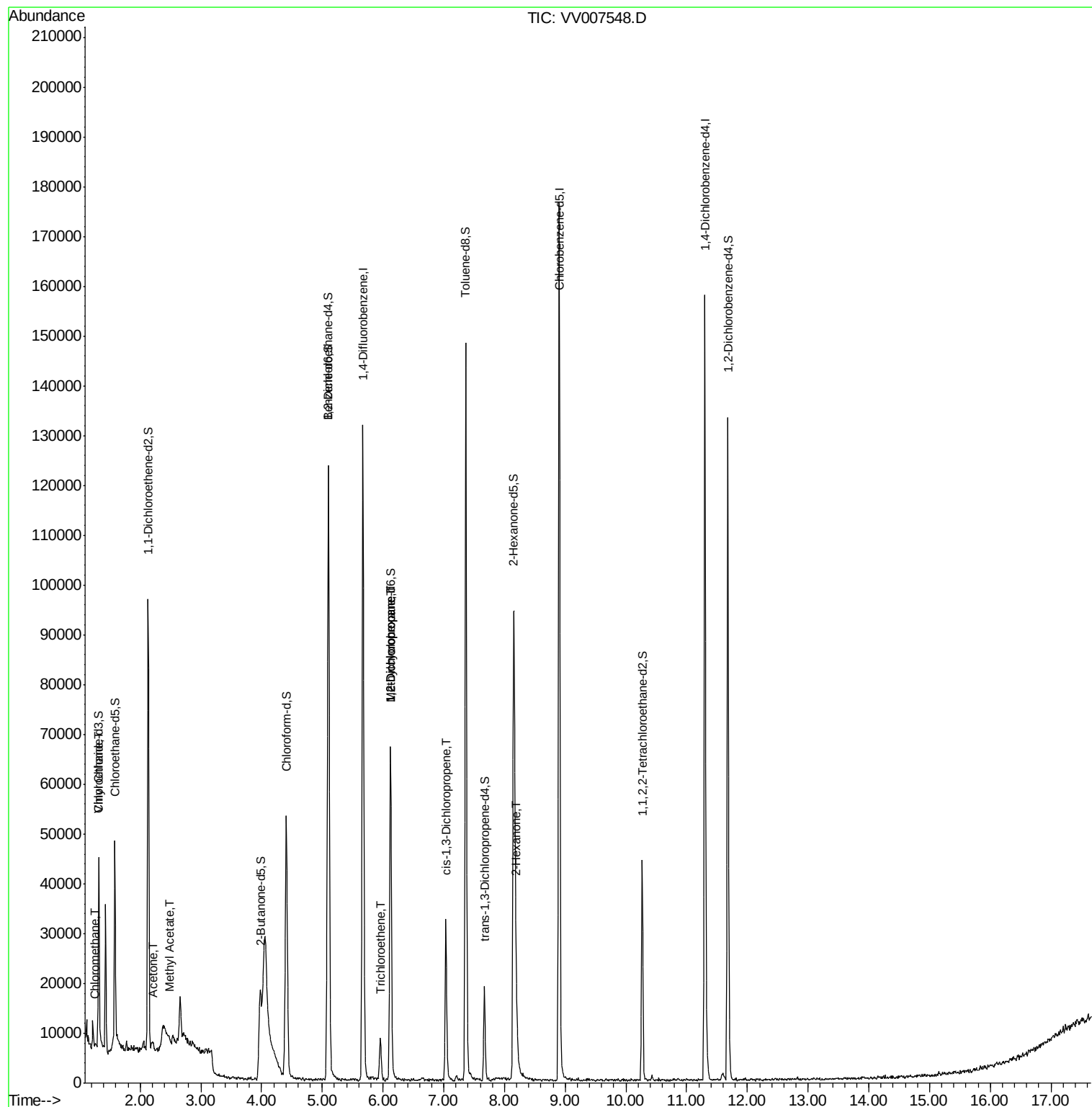
					Qvalue
3) Chloromethane	1.26	50	471	0.084 ug/L	85
8) Chloroethane	1.32	64	390	0.102 ug/L #	1
13) Acetone	2.21	43	1431	2.530 ug/L	96
15) Methyl Acetate	2.49	43	256	0.165 ug/L #	43
34) Trichloroethene	5.96	95	1281	0.197 ug/L	87
35) Methylcyclohexane	6.12	83	8124	0.809 ug/L #	23
37) 1,2-Dichloropropane	6.12	63	3470	0.664 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	887	0.107 ug/L #	39
48) 2-Hexanone	8.20	43	5070	2.314 ug/L #	36

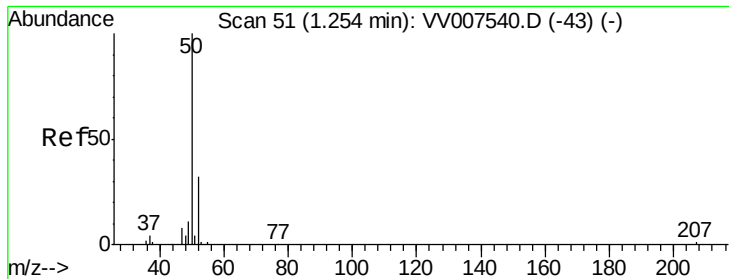
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.084 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV007548.D

Acq: 15 Sep 2018 02:39

Instrument :

MSVOA_V

ClientSampleId :

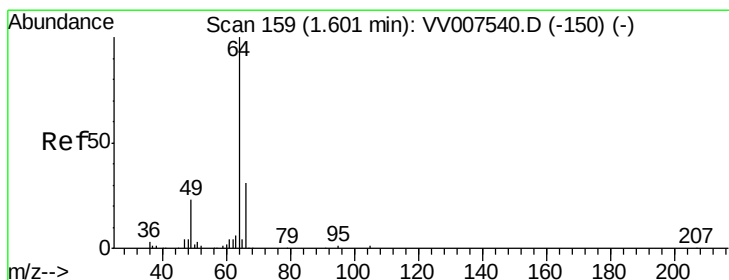
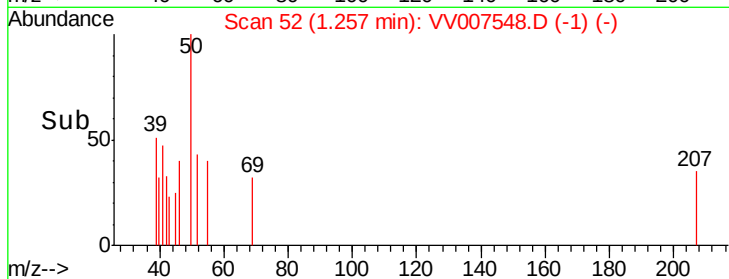
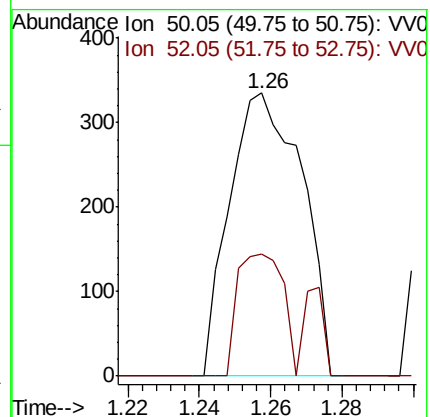
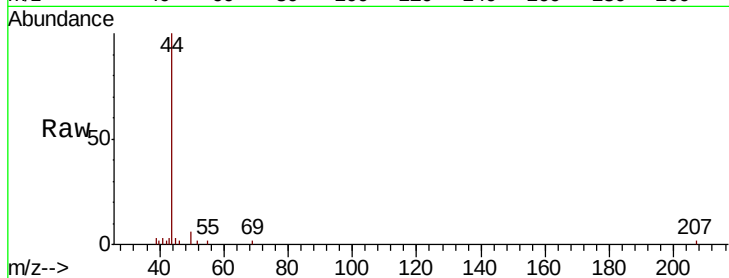
C0KQ3

Tgt Ion: 50 Resp: 471

Ion Ratio Lower Upper

50 100

52 43.3 24.3 45.1



#8

Chloroethane

Concen: 0.102 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007548.D

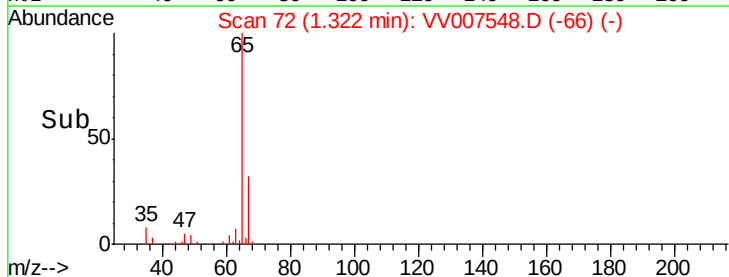
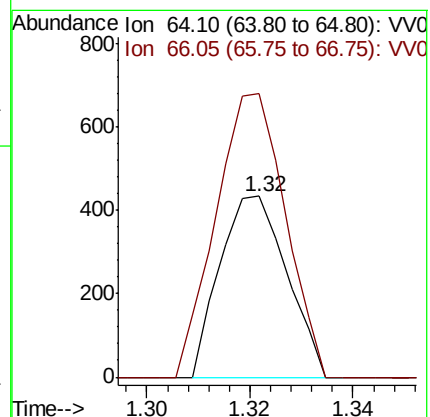
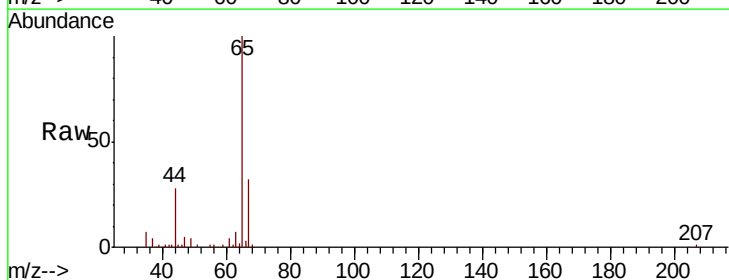
Acq: 15 Sep 2018 02:39

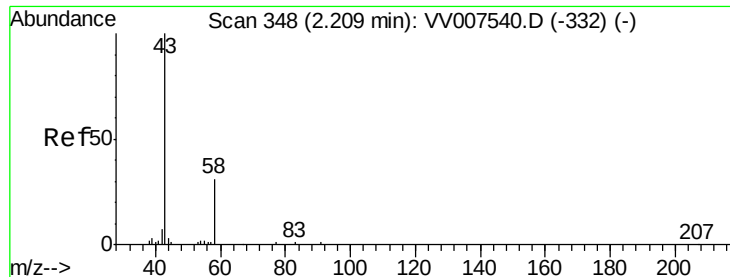
Tgt Ion: 64 Resp: 390

Ion Ratio Lower Upper

64 100

66 156.8 24.3 45.1#





#13

Acetone

Concen: 2.530 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV007548.D

Acq: 15 Sep 2018 02:39

Instrument :

MSVOA_V

ClientSampleId :

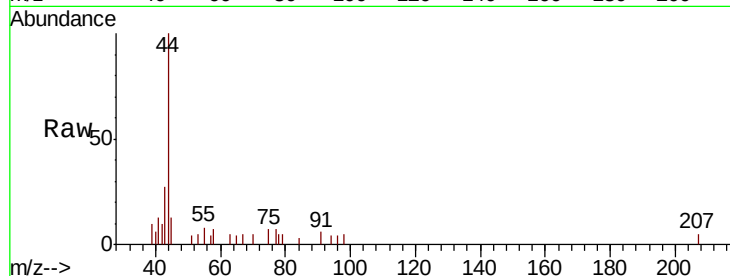
C0KQ3

Tgt Ion: 43 Resp: 1431

Ion Ratio Lower Upper

43 100

58 34.0 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007540.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV007540.D (-332) (-)

2.21

800

600

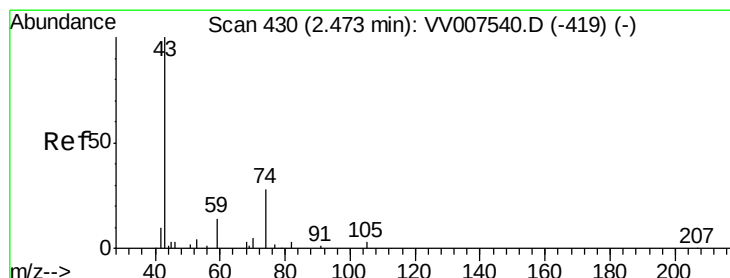
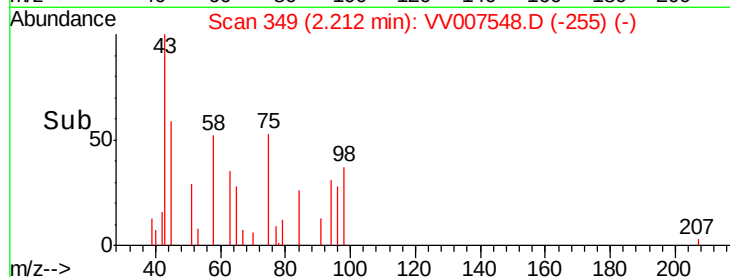
400

200

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 0.165 ug/L

RT: 2.49 min Scan# 435

Delta R.T. 0.02 min

Lab File: VV007548.D

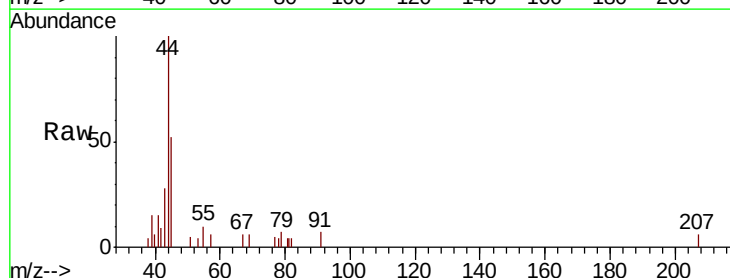
Acq: 15 Sep 2018 02:39

Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

74 0.0 25.4 38.2#



Abundance Ion 43.05 (42.75 to 43.75): VV007540.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VV007540.D (-419) (-)

2.49

800

600

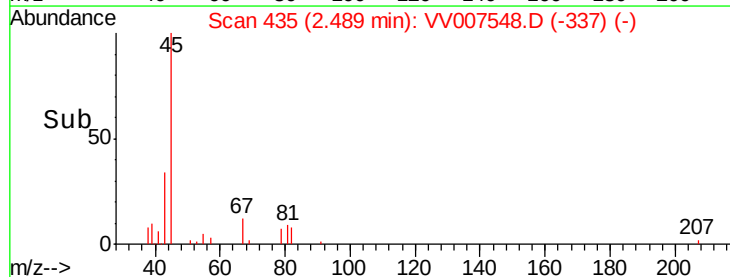
400

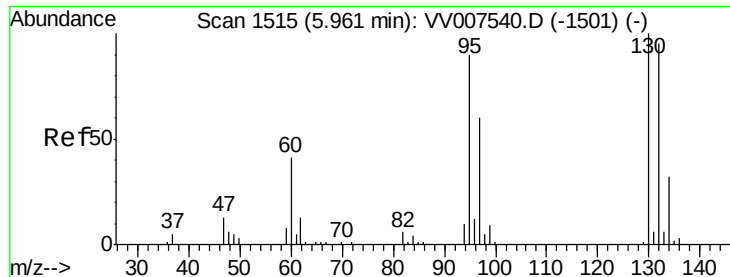
200

0

2.47 2.48 2.49 2.50 2.51

Time-->





#34

Trichloroethene

Concen: 0.197 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007548.D

Acq: 15 Sep 2018 02:39

Instrument :

MSVOA_V

ClientSampleId :

C0KQ3

Tgt Ion: 95 Resp: 1281

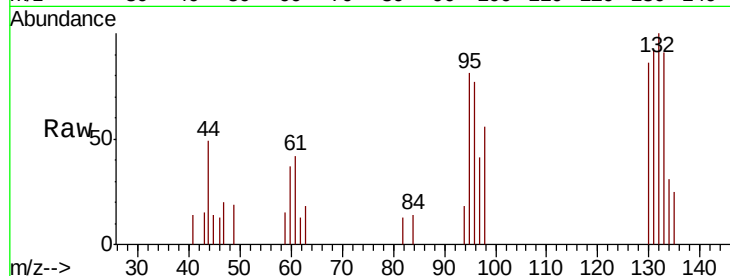
Ion Ratio Lower Upper

95 100

97 51.1 45.5 84.5

132 123.3 74.9 139.1

130 106.3 80.0 148.6

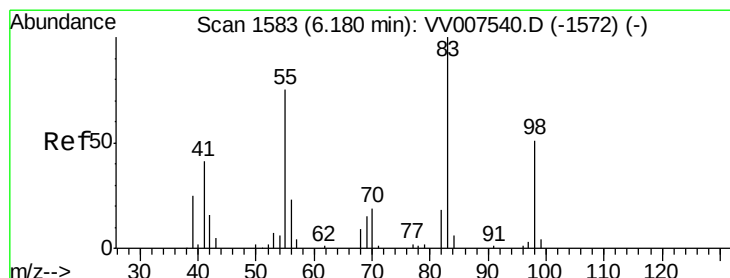
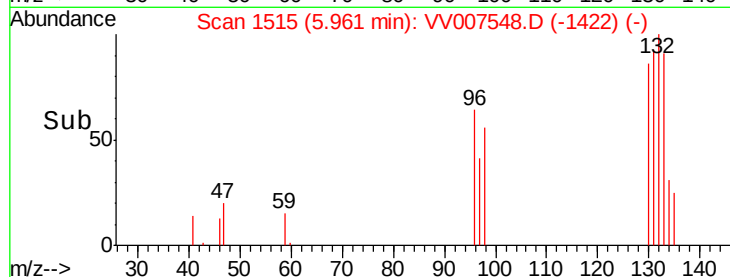
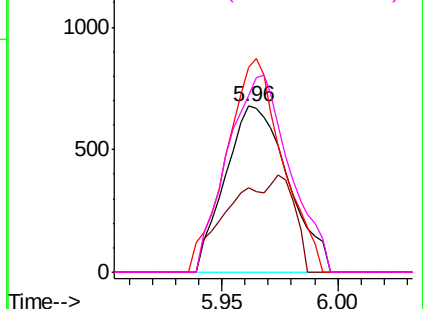


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.809 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007548.D

Acq: 15 Sep 2018 02:39

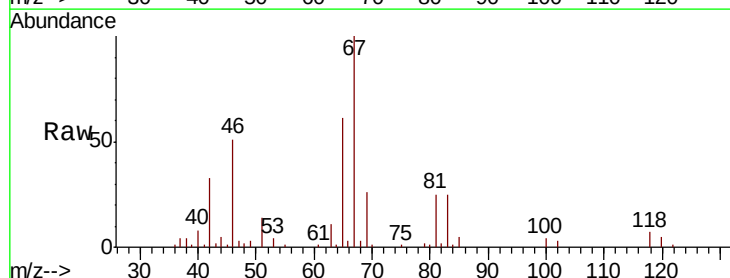
Tgt Ion: 83 Resp: 8124

Ion Ratio Lower Upper

83 100

55 2.5 55.0 82.4#

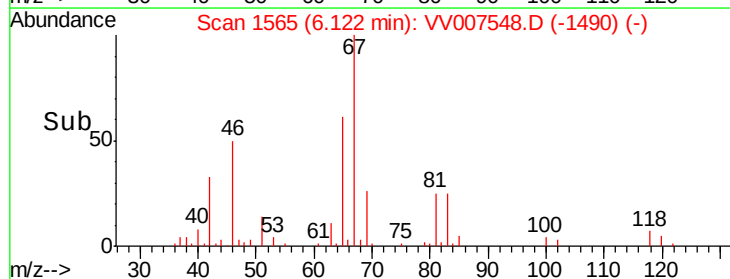
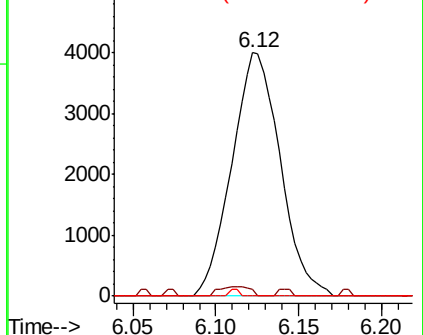
98 0.5 37.6 56.4#

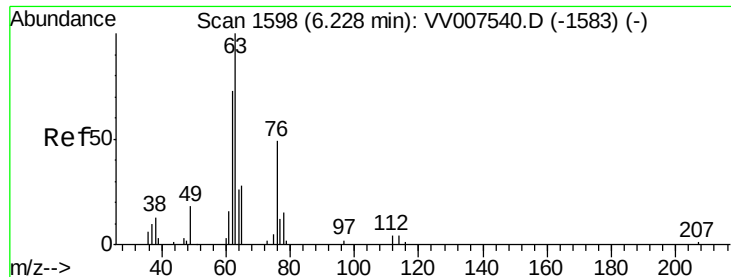


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

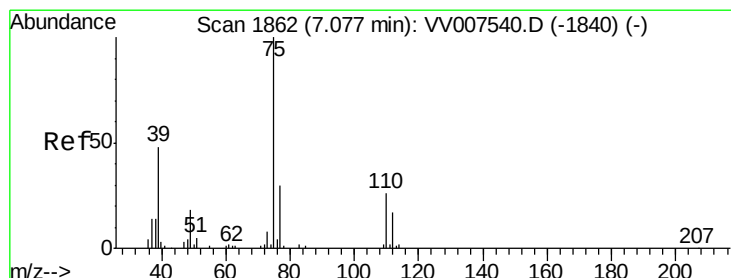
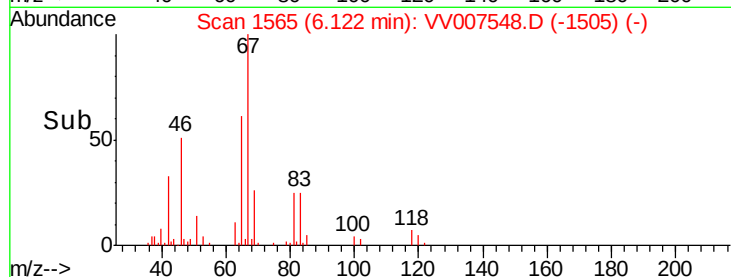
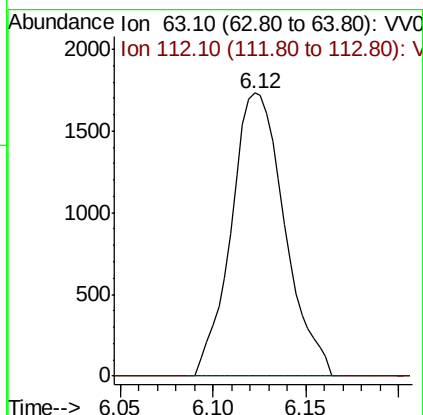
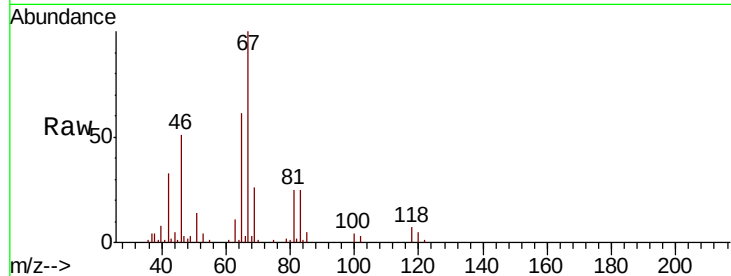




#37
 1,2-Dichloropropane
 Concen: 0.664 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007548.D
 Acq: 15 Sep 2018 02:39

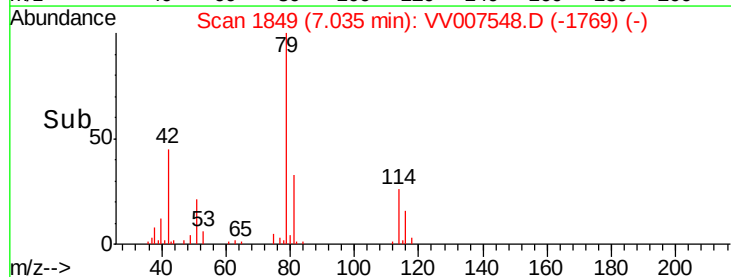
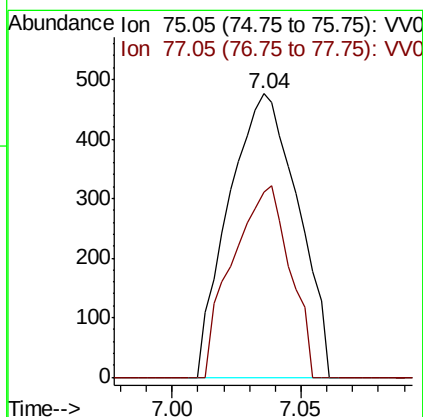
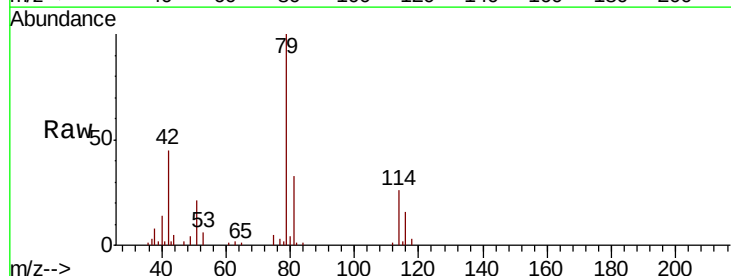
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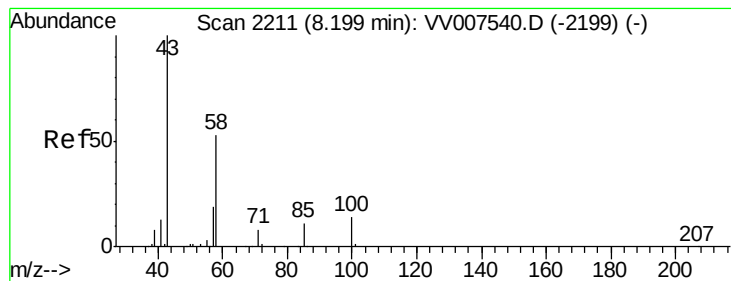
Tgt Ion: 63 Resp: 3470
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007548.D
 Acq: 15 Sep 2018 02:39

Tgt Ion: 75 Resp: 887
 Ion Ratio Lower Upper
 75 100
 77 65.3 22.0 41.0#





#48
 2-Hexanone
 Concen: 2.314 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV007548.D
 Acq: 15 Sep 2018 02:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KQ3

Tgt Ion: 43 Resp: 5070
 Ion Ratio Lower Upper
 43 100
 58 0.0 49.8 74.6#
 57 0.0 18.2 27.4#
 100 6.1 11.0 16.4#

