

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007549.D
 Acq On : 15 Sep 2018 03:07
 Operator : SY/MD
 Sample : J4872-11
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KQ7

Quant Time: Sep 15 03:59:38 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	115864	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25247	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	25477	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	43599	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.98	46	38049	45.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	4.41	84	52843	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.09	65	27543	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.10	84	105090	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	31781	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	100490	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	10794	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.15	63	31182	62.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21054	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37785	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

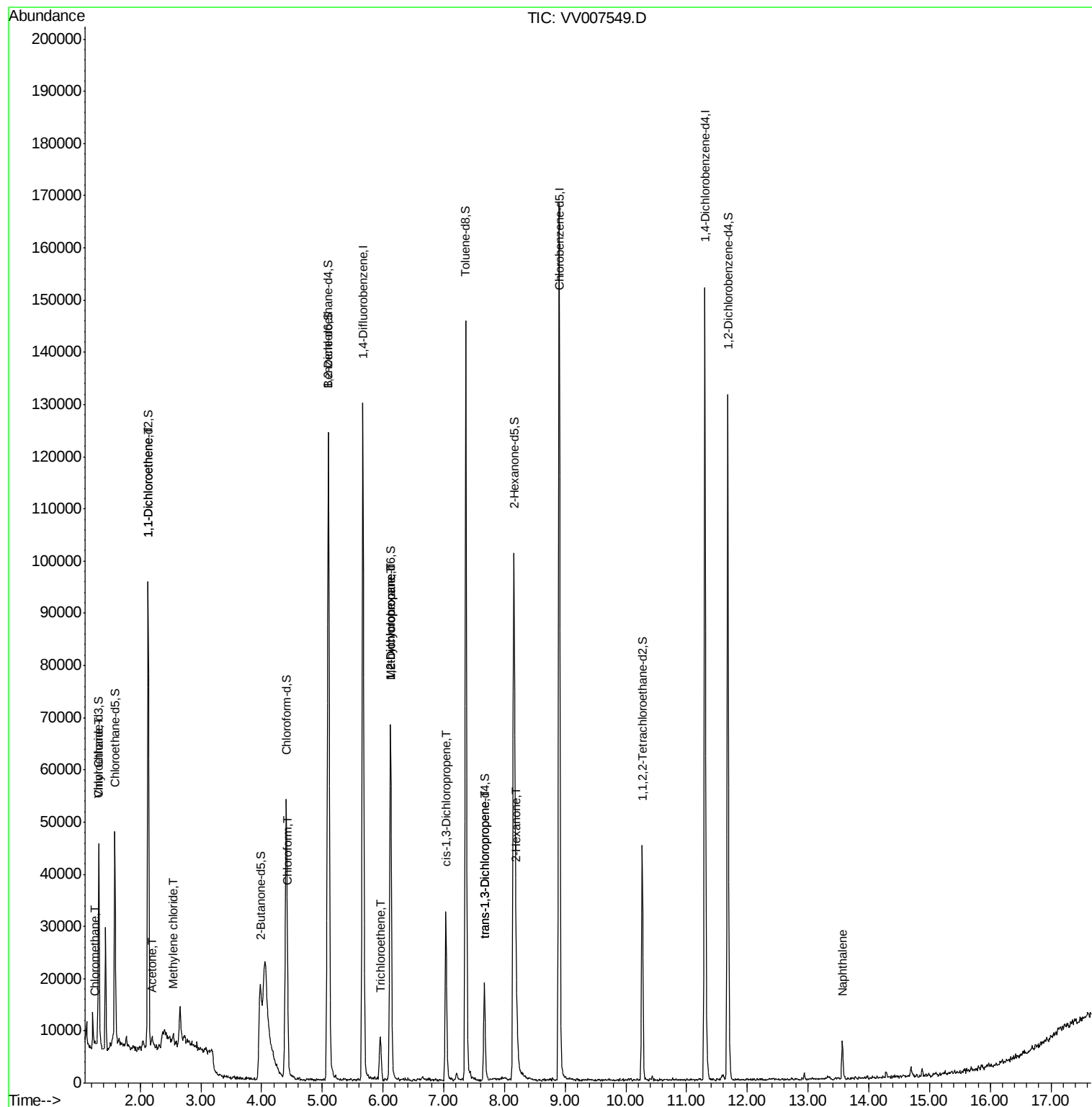
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	619	0.114	ug/L	89
8) Chloroethane	1.32	64	427	0.115	ug/L #	1
12) 1,1-Dichloroethene	2.13	96	619	0.105	ug/L #	1
13) Acetone	2.21	43	1030	1.868	ug/L	95
16) Methylene chloride	2.54	84	766	0.121	ug/L	92
25) Chloroform	4.43	83	968	0.091	ug/L	91
34) Trichloroethene	5.96	95	1372	0.218	ug/L	95
35) Methylcyclohexane	6.12	83	7635	0.785	ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3921	0.775	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	922	0.115	ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	574	0.087	ug/L	86
48) 2-Hexanone	8.20	43	6030	2.843	ug/L #	40
69) Naphthalene	13.57	128	6786	0.873	ug/L	99

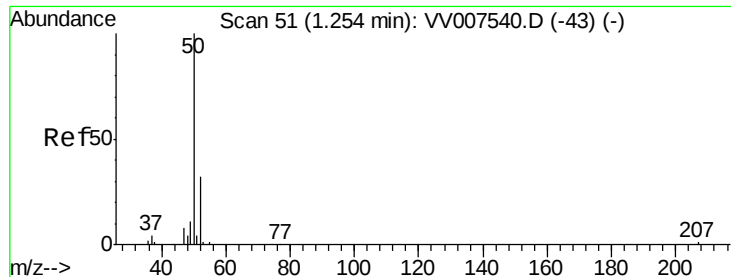
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.114 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

Instrument :

MSVOA_V

ClientSampled :

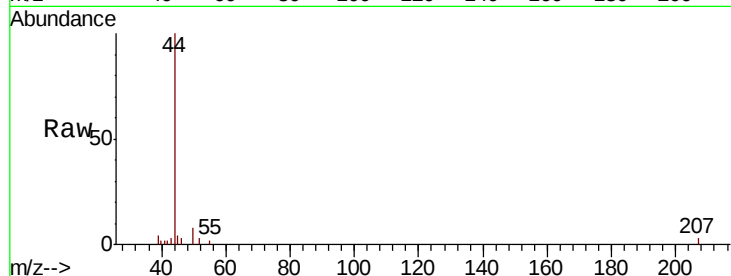
C0KQ7

Tgt Ion: 50 Resp: 619

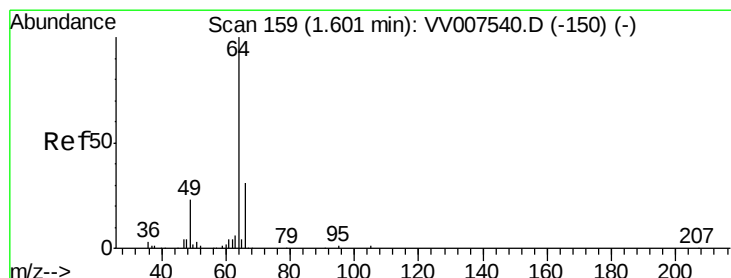
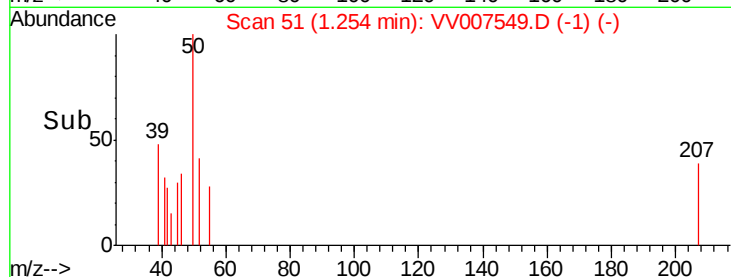
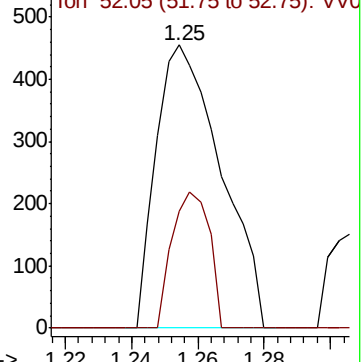
Ion Ratio Lower Upper

50 100

52 41.1 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV007540.D (-43) (-)



#8

Chloroethane

Concen: 0.115 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007549.D

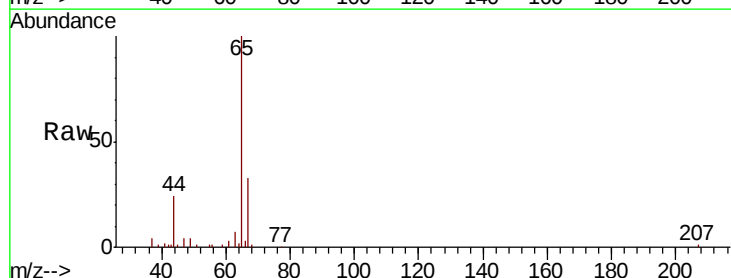
Acq: 15 Sep 2018 03:07

Tgt Ion: 64 Resp: 427

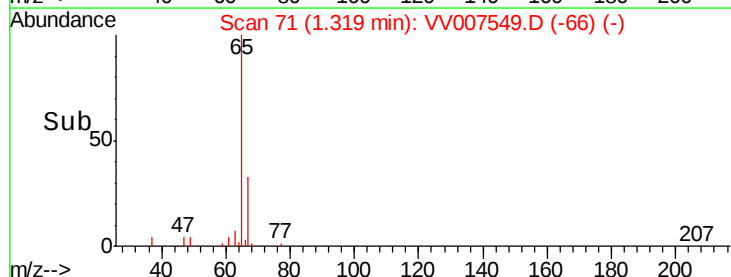
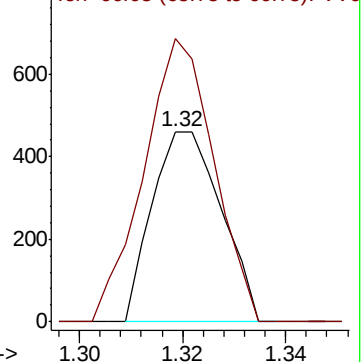
Ion Ratio Lower Upper

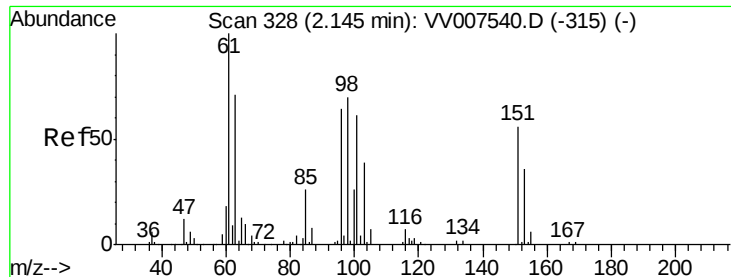
64 100

66 149.1 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV007540.D (-150) (-)





#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

Instrument :

MSVOA_V

ClientSampled :

C0KQ7

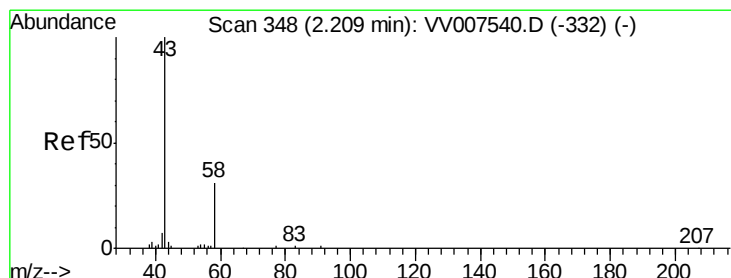
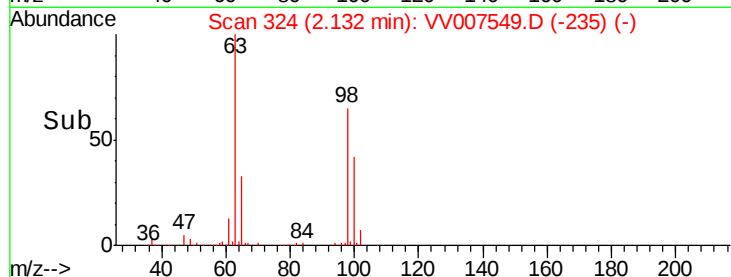
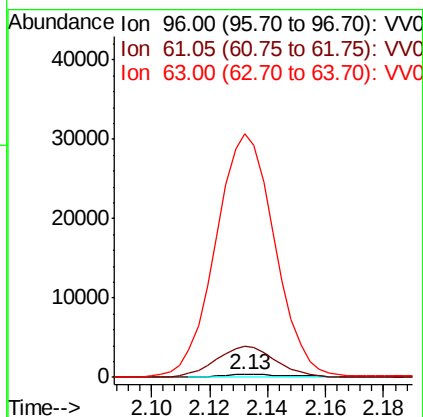
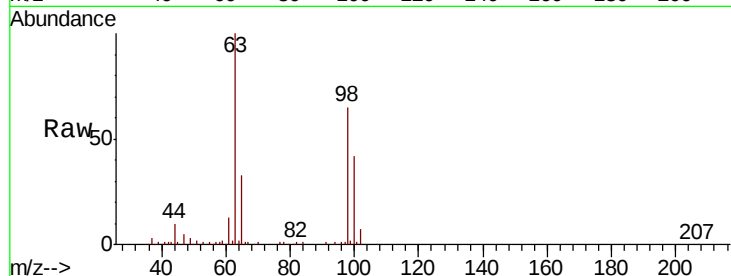
Tgt Ion: 96 Resp: 619

Ion Ratio Lower Upper

96 100

61 1119.9 114.8 213.2#

63 8740.7 81.8 151.8#



#13

Acetone

Concen: 1.868 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV007549.D

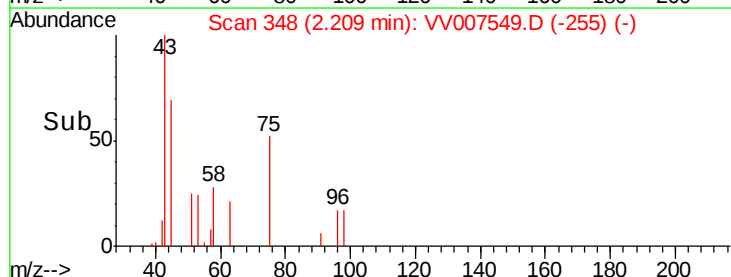
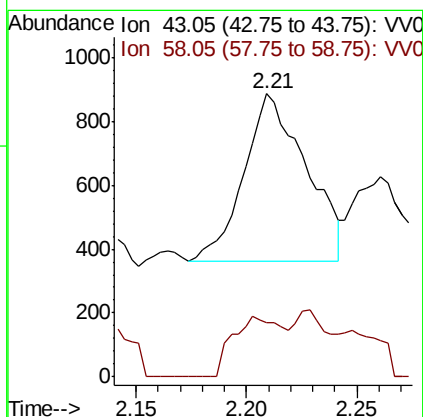
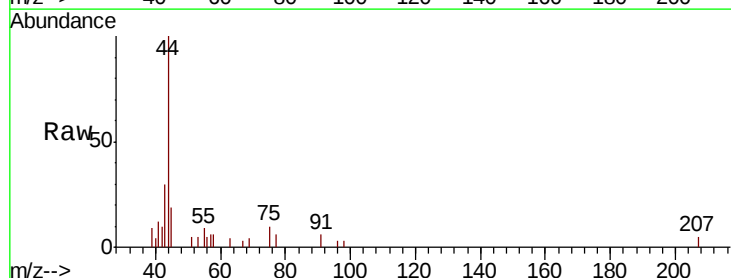
Acq: 15 Sep 2018 03:07

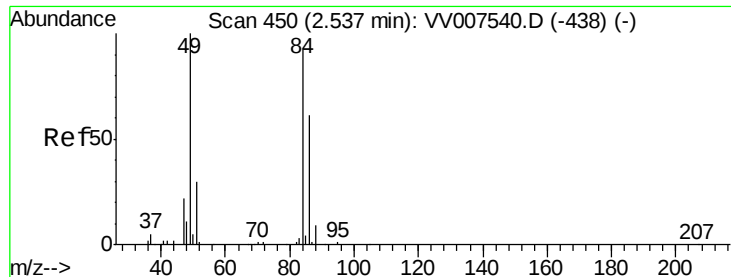
Tgt Ion: 43 Resp: 1030

Ion Ratio Lower Upper

43 100

58 28.8 0.0 63.4

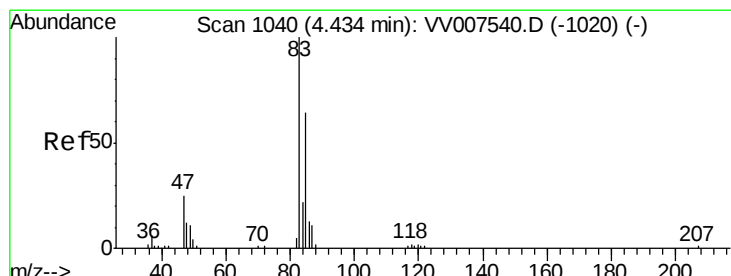
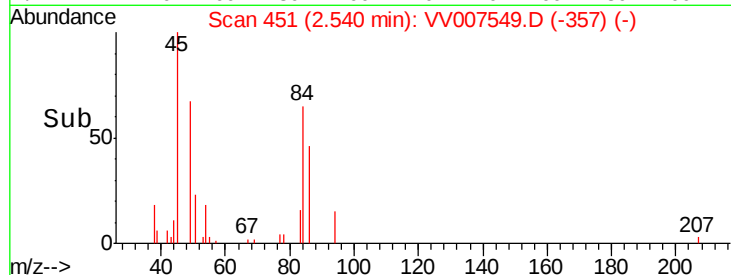
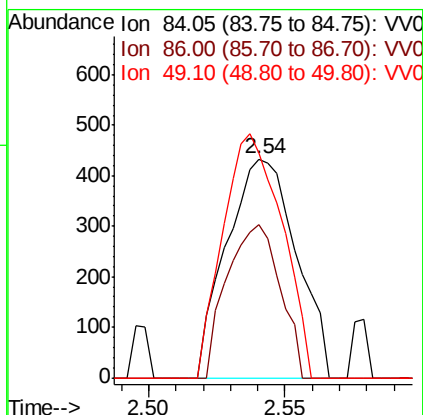
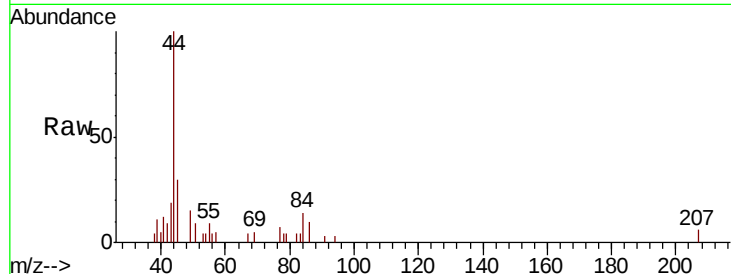




#16
Methylene chloride
Concen: 0.121 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007549.D
Acq: 15 Sep 2018 03:07

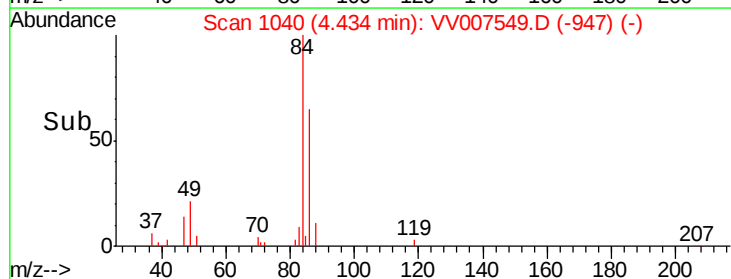
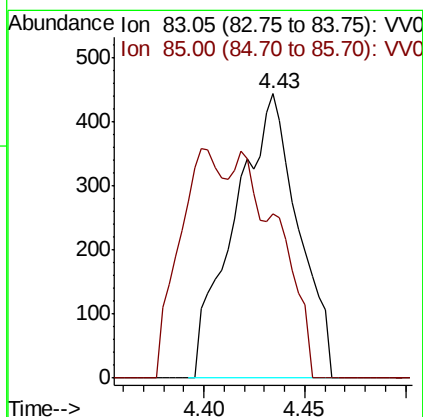
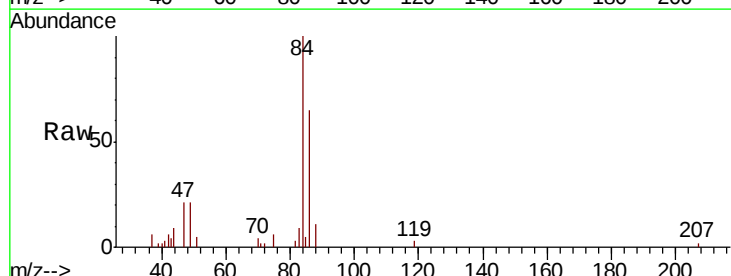
Instrument :
MSVOA_V
ClientSampleId :
C0KQ7

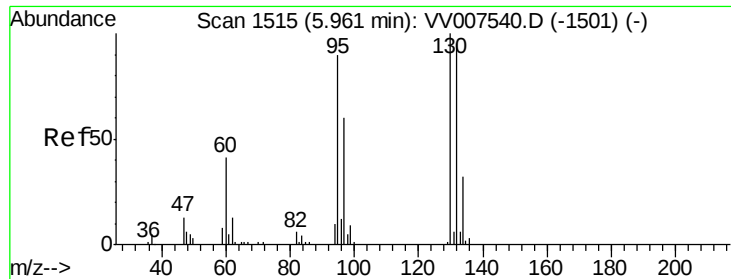
Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
86 70.2 43.7 81.1
49 103.0 76.8 142.6



#25
Chloroform
Concen: 0.091 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007549.D
Acq: 15 Sep 2018 03:07

Tgt Ion: 83 Resp: 968
Ion Ratio Lower Upper
83 100
85 57.8 45.5 84.5





#34

Trichloroethene

Concen: 0.218 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

Instrument :

MSVOA_V

ClientSampleId :

C0KQ7

Tgt Ion: 95 Resp: 1372

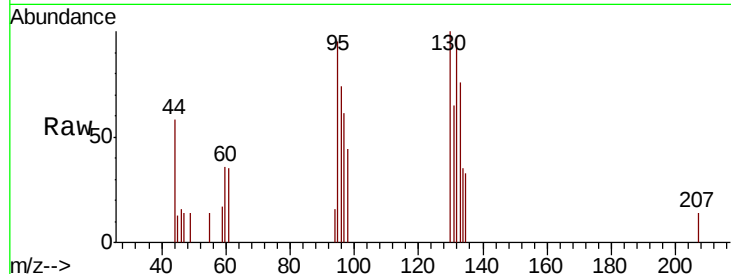
Ion Ratio Lower Upper

95 100

97 64.0 45.5 84.5

132 102.4 74.9 139.1

130 105.0 80.0 148.6



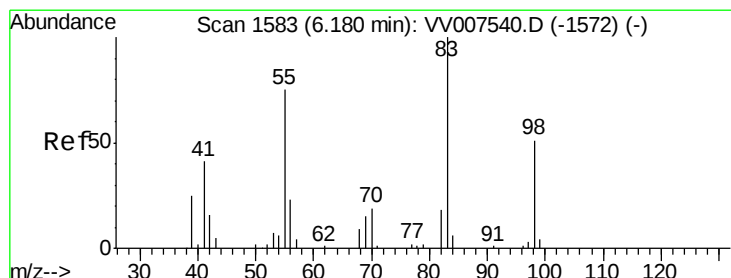
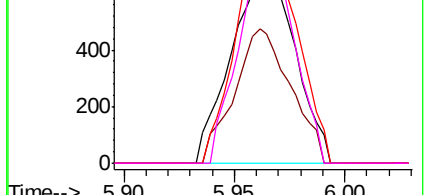
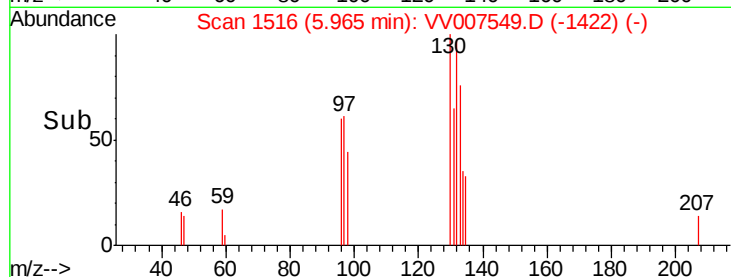
Abundance Ion 95.00 (94.70 to 95.70): VV007540.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007540.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007540.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007540.D (-1501) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

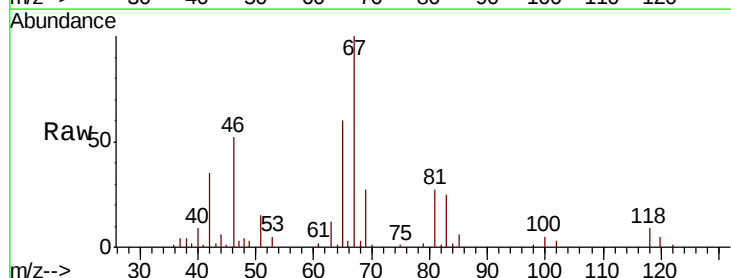
Tgt Ion: 83 Resp: 7635

Ion Ratio Lower Upper

83 100

55 0.6 55.0 82.4#

98 0.7 37.6 56.4#

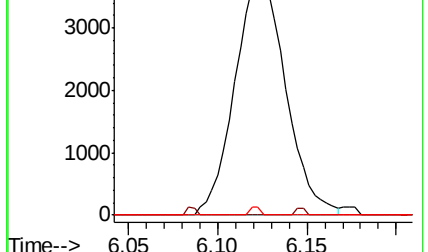
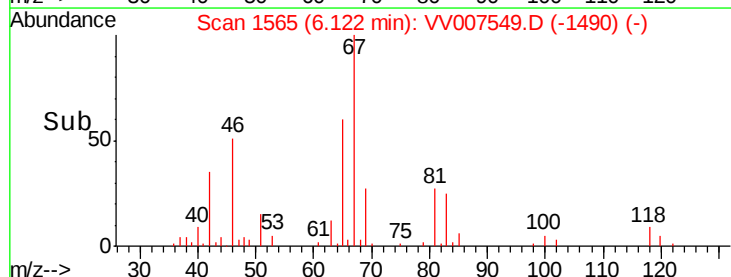


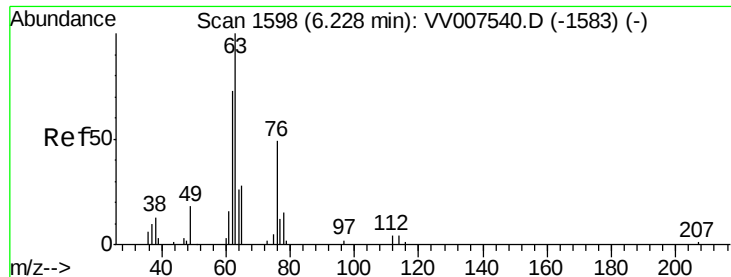
Abundance Ion 83.15 (82.85 to 83.85): VV007549.D (-1490) (-)

Ion 55.10 (54.80 to 55.80): VV007549.D (-1490) (-)

Ion 98.15 (97.85 to 98.85): VV007549.D (-1490) (-)

Time-->





#37

1,2-Dichloropropane

Concen: 0.775 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

Instrument :

MSVOA_V

ClientSampleId :

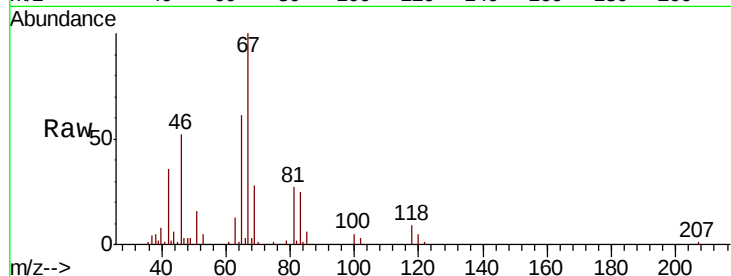
C0KQ7

Tgt Ion: 63 Resp: 3921

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV007540.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV007540.D (-1583) (-)

6.13

2000

1500

1000

500

0

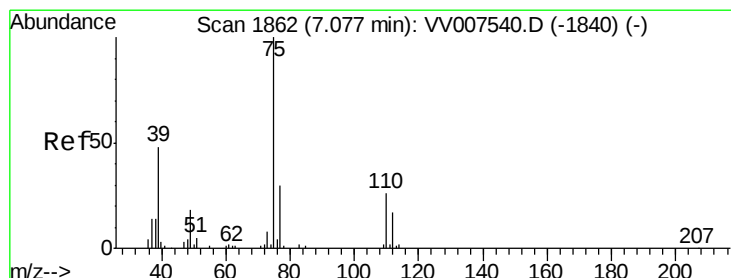
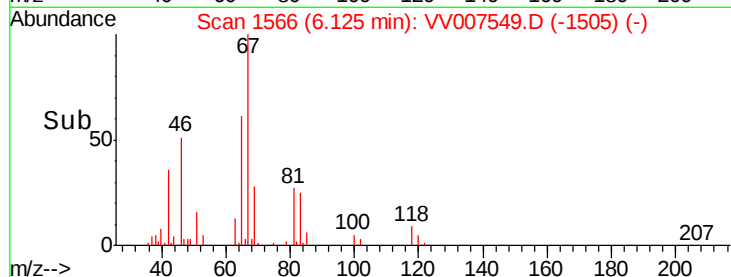
6.05

6.10

6.15

6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007549.D

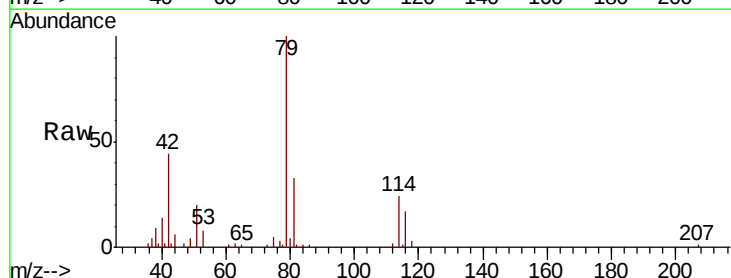
Acq: 15 Sep 2018 03:07

Tgt Ion: 75 Resp: 922

Ion Ratio Lower Upper

75 100

77 54.0 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV007540.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007540.D (-1840) (-)

7.04

600

500

400

300

200

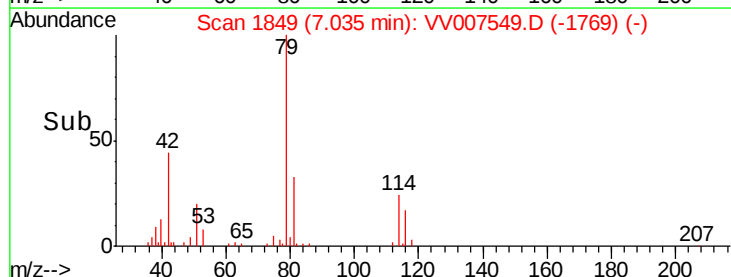
100

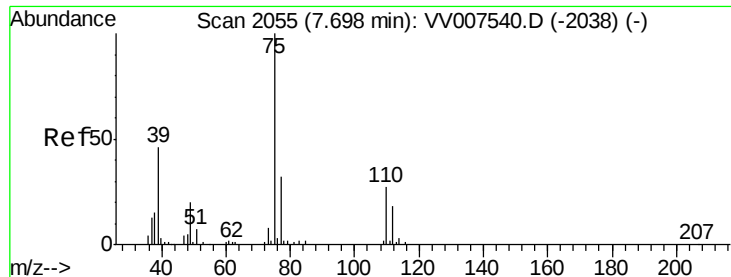
0

7.00

7.05

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

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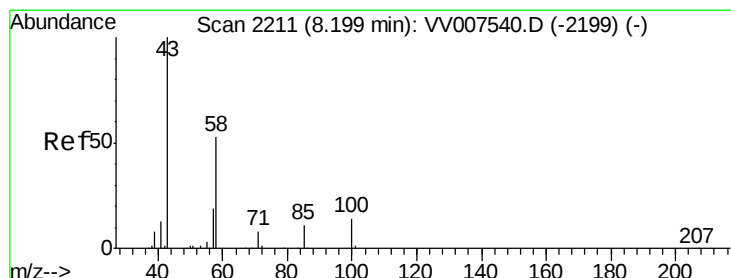
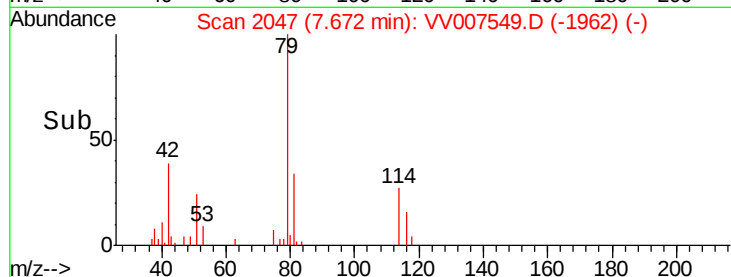
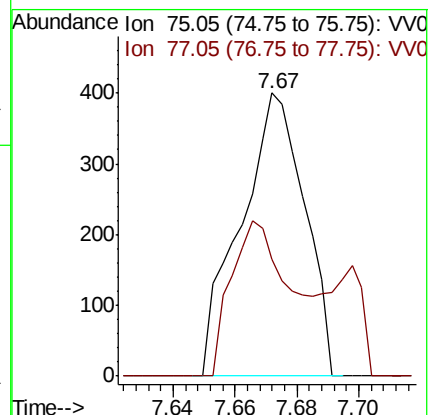
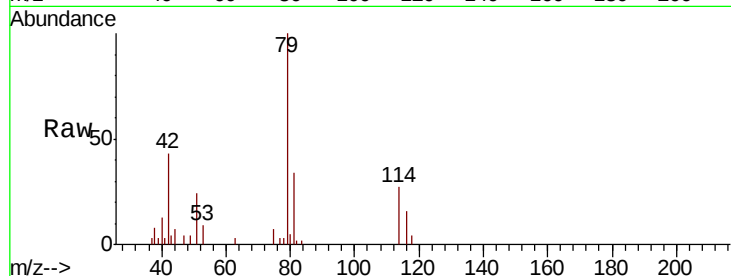
C0KQ7

Tgt Ion: 75 Resp: 574

Ion Ratio Lower Upper

75 100

77 41.5 23.4 43.4



#48

2-Hexanone

Concen: 2.843 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

Tgt Ion: 43 Resp: 6030

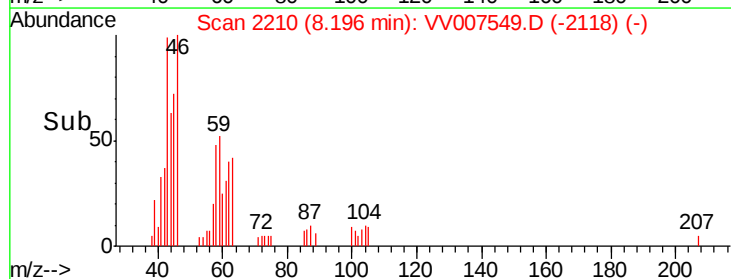
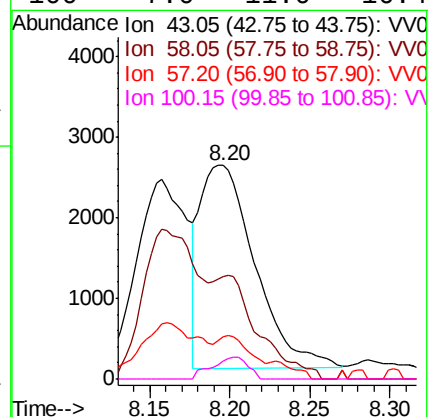
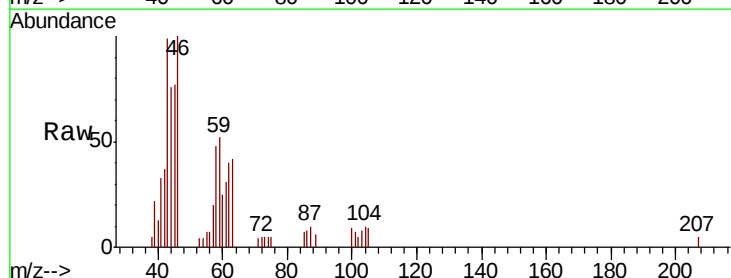
Ion Ratio Lower Upper

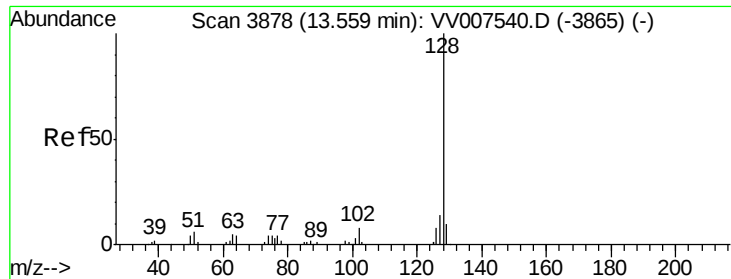
43 100

58 0.0 49.8 74.6#

57 7.6 18.2 27.4#

100 7.0 11.0 16.4#





#69

Naphthalene

Concen: 0.873 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

Lab File: VV007549.D

Acq: 15 Sep 2018 03:07

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MSVOA_V

ClientSampleId :

C0KQ7

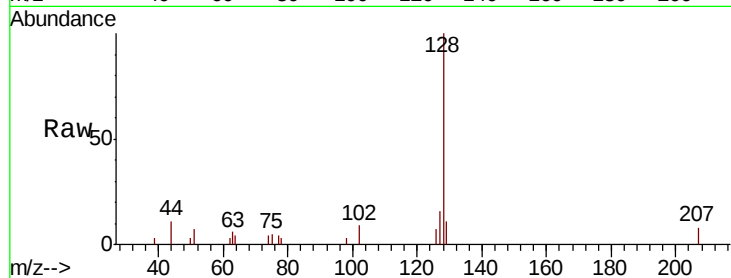
Tgt Ion:128 Resp: 6786

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.8 10.5 15.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

