

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007556.D
 Acq On : 15 Sep 2018 06:23
 Operator : SY/MD
 Sample : J4872-18
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS9

Quant Time: Sep 15 06:51:29 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	106712	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23684	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	25213	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	40195	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.98	46	46664	60.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.04%
24) Chloroform-d	4.41	84	51435	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	26895	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	101199	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	30707	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	94249	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	10083	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.15	63	31138	67.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.52%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19304	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36474	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

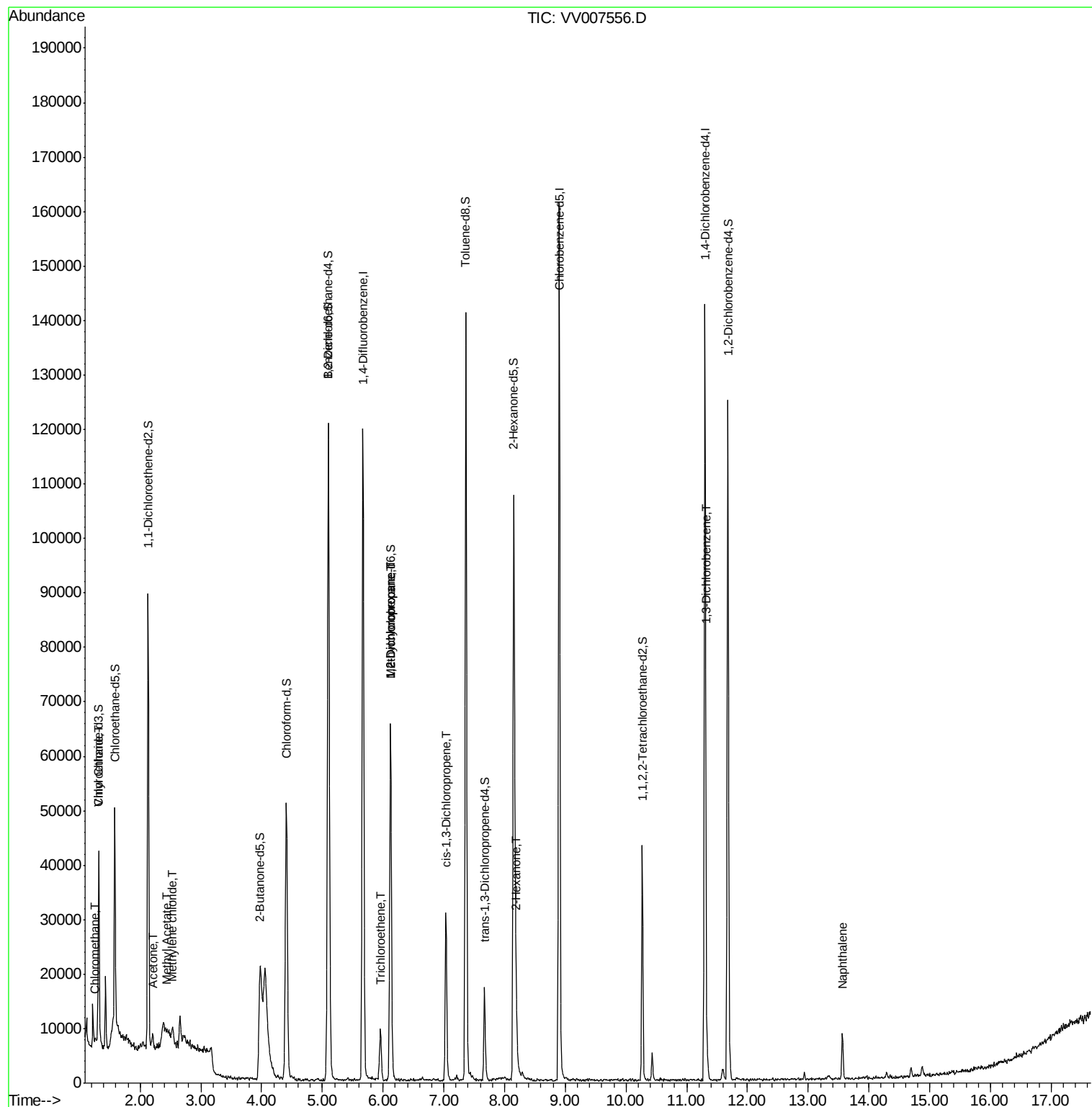
					Qvalue
3) Chloromethane	1.25	50	537	0.107 ug/L	88
8) Chloroethane	1.32	64	376	0.110 ug/L #	1
13) Acetone	2.21	43	832	1.638 ug/L	78
15) Methyl Acetate	2.45	43	189	0.136 ug/L #	43
16) Methylene chloride	2.54	84	1121	0.191 ug/L #	81
34) Trichloroethene	5.96	95	1602	0.275 ug/L	95
35) Methylcyclohexane	6.12	83	7456	0.829 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3693	0.789 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	795	0.107 ug/L #	45
48) 2-Hexanone	8.20	43	5304	2.703 ug/L #	36
62) 1,3-Dichlorobenzene	11.32	146	794	0.076 ug/L	85
69) Naphthalene	13.56	128	7379	1.031 ug/L	98

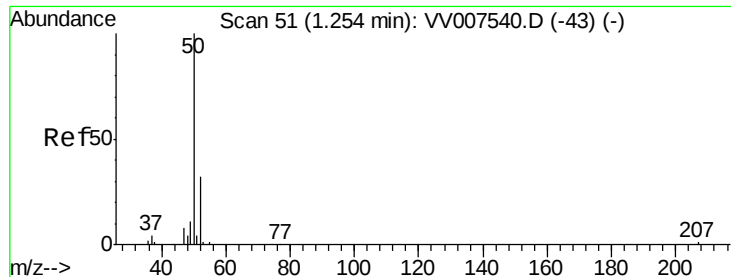
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.107 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007556.D

Acq: 15 Sep 2018 06:23

Instrument :

MSVOA_V

ClientSampleId :

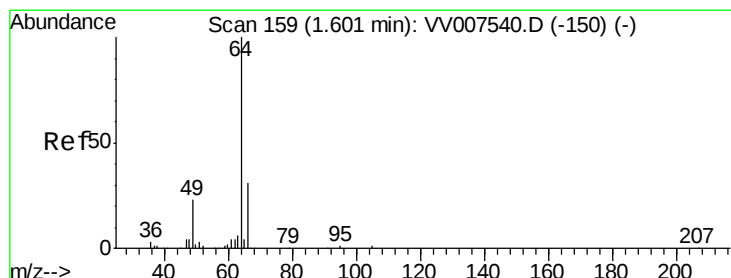
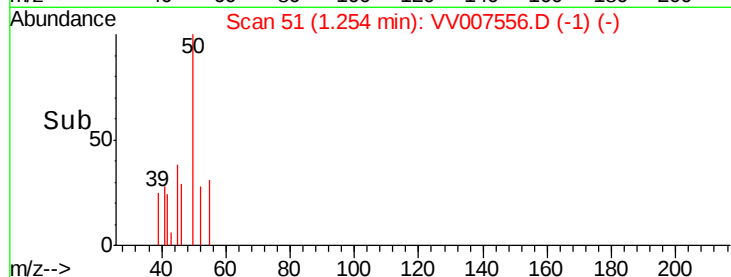
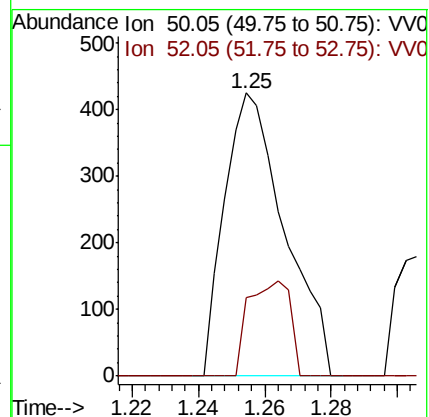
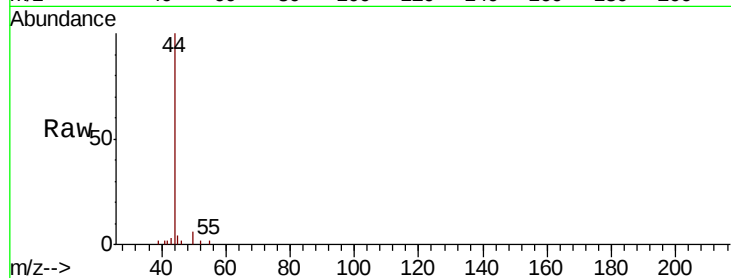
C0KS9

Tgt Ion: 50 Resp: 537

Ion Ratio Lower Upper

50 100

52 27.5 24.3 45.1



#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007556.D

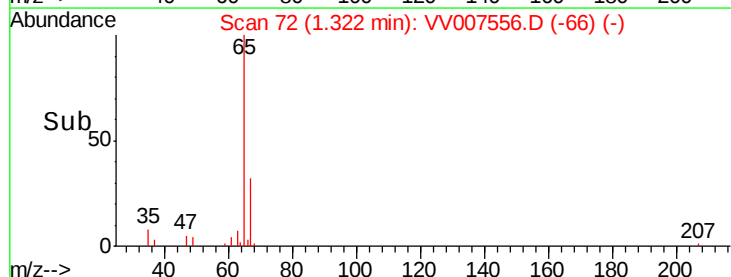
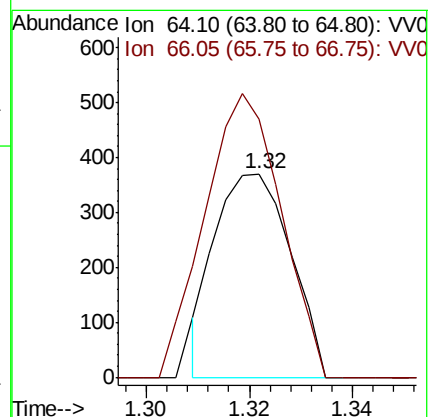
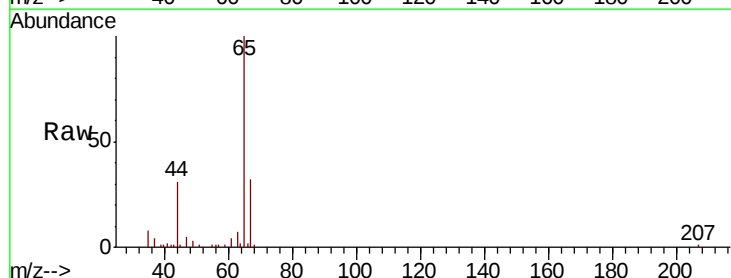
Acq: 15 Sep 2018 06:23

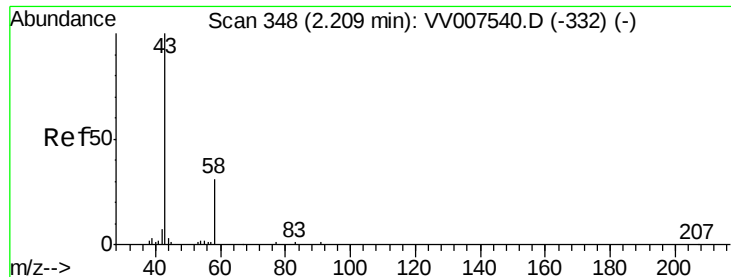
Tgt Ion: 64 Resp: 376

Ion Ratio Lower Upper

64 100

66 127.3 24.3 45.1#





#13

Acetone

Concen: 1.638 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV007556.D

Acq: 15 Sep 2018 06:23

Instrument :

MSVOA_V

ClientSampleId :

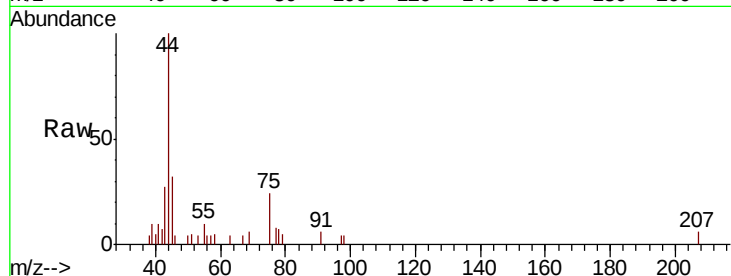
C0KS9

Tgt Ion: 43 Resp: 832

Ion Ratio Lower Upper

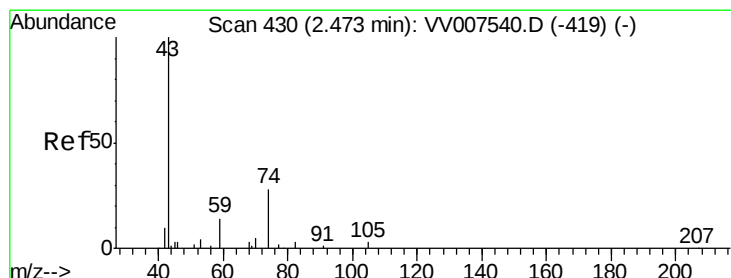
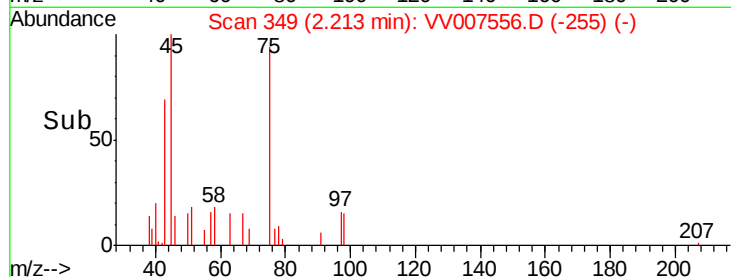
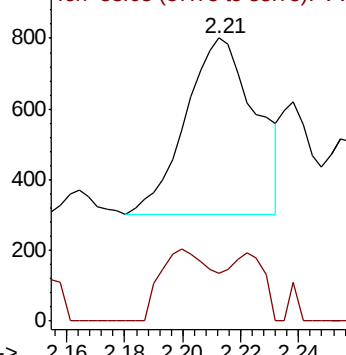
43 100

58 19.2 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.136 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.03 min

Lab File: VV007556.D

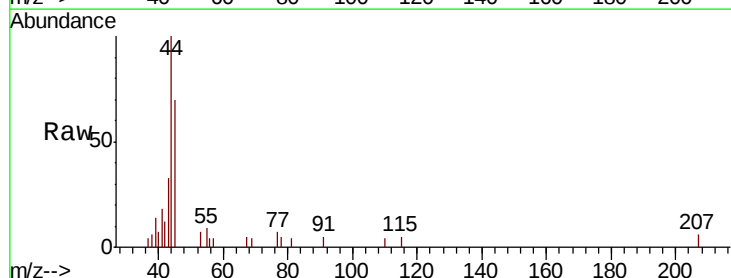
Acq: 15 Sep 2018 06:23

Tgt Ion: 43 Resp: 189

Ion Ratio Lower Upper

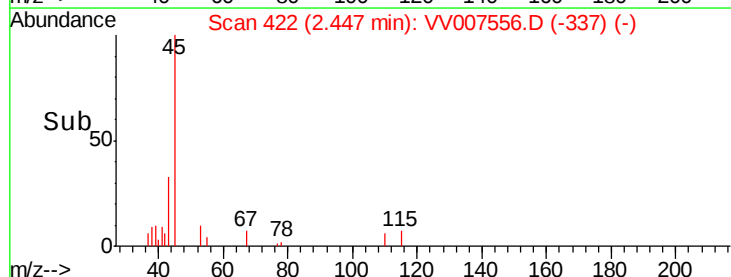
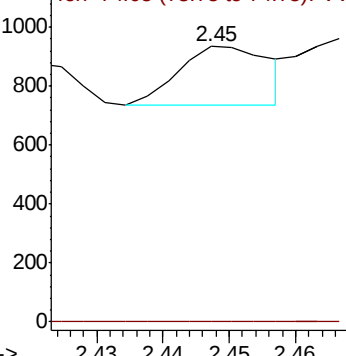
43 100

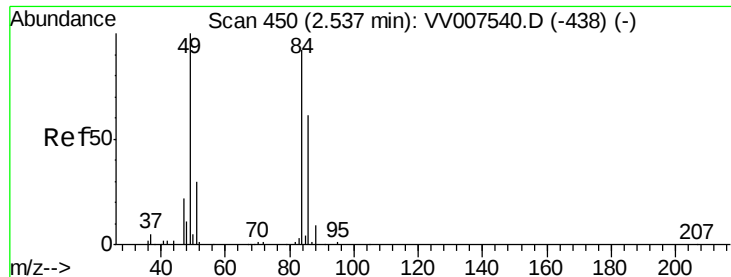
74 0.0 25.4 38.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

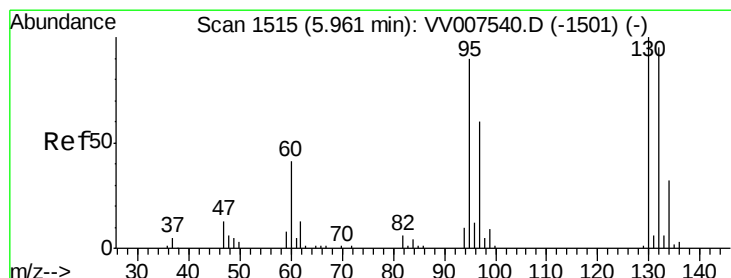
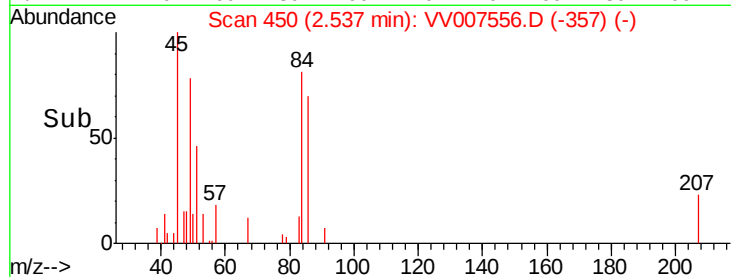
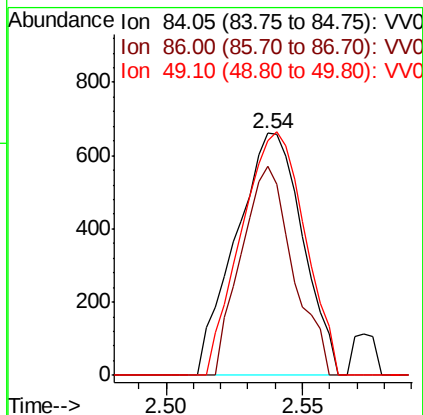
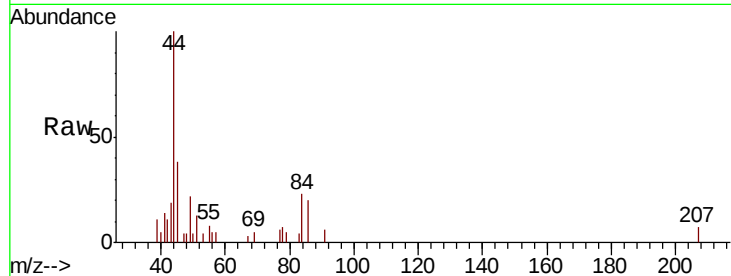




#16
Methylene chloride
Concen: 0.191 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007556.D
Acq: 15 Sep 2018 06:23

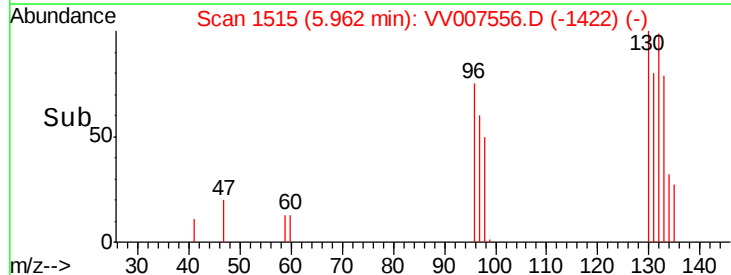
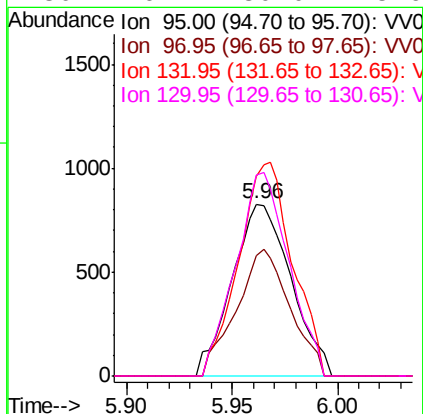
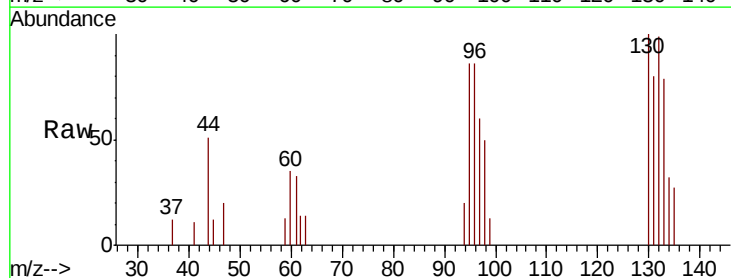
Instrument :
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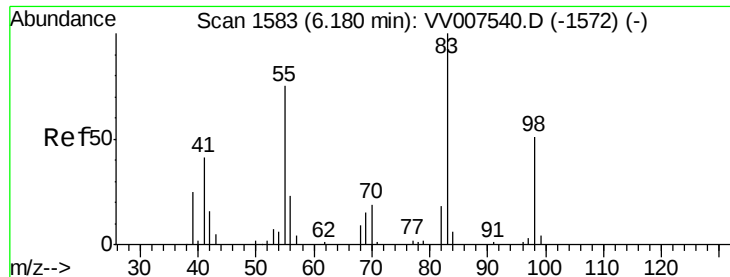
Tgt Ion: 84 Resp: 1121
Ion Ratio Lower Upper
84 100
86 86.5 43.7 81.1#
49 96.8 76.8 142.6



#34
Trichloroethene
Concen: 0.275 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007556.D
Acq: 15 Sep 2018 06:23

Tgt Ion: 95 Resp: 1602
Ion Ratio Lower Upper
95 100
97 69.8 45.5 84.5
132 115.8 74.9 139.1
130 116.7 80.0 148.6

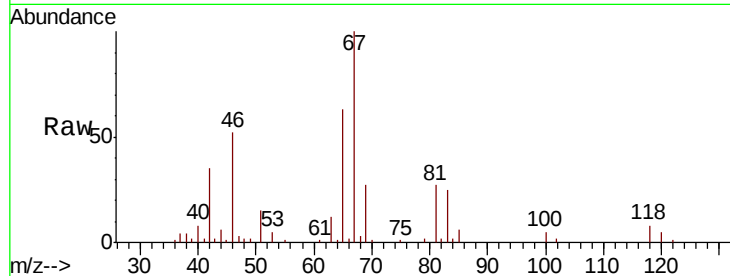




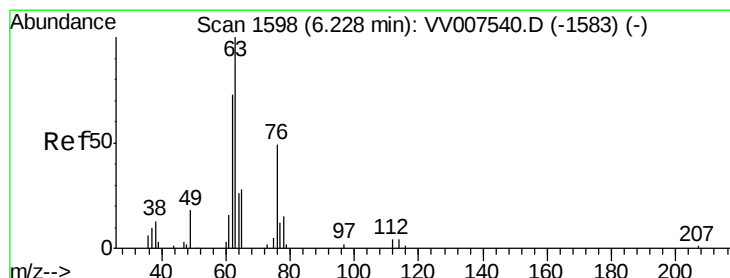
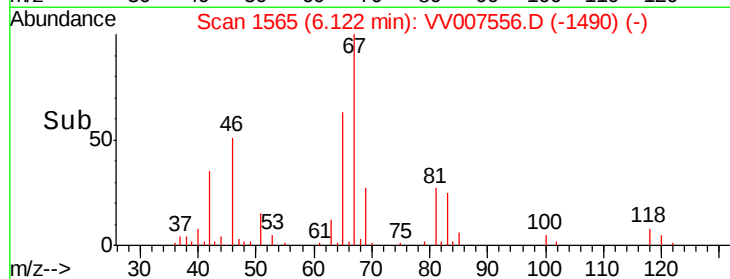
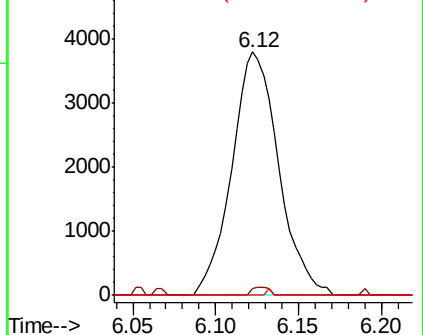
#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007556.D
Acq: 15 Sep 2018 06:23

Instrument :
MSVOA_V
ClientSampleId :
C0KS9

Tgt Ion: 83 Resp: 7456
Ion Ratio Lower Upper
83 100
55 1.3 55.0 82.4#
98 0.0 37.6 56.4#

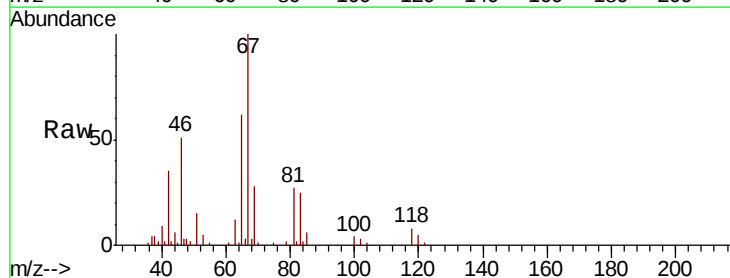


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

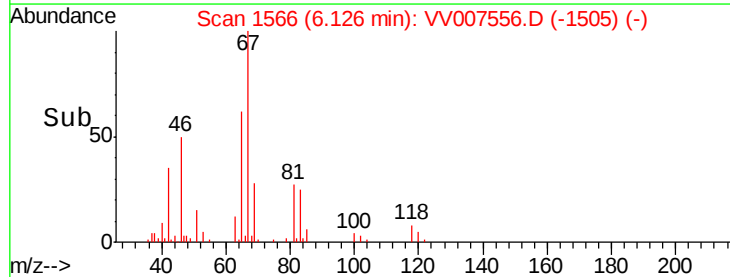
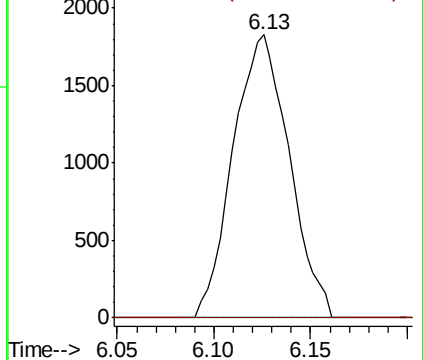


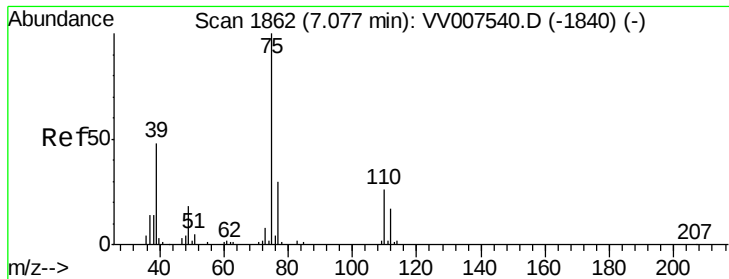
#37
1,2-Dichloropropane
Concen: 0.789 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007556.D
Acq: 15 Sep 2018 06:23

Tgt Ion: 63 Resp: 3693
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007556.D

Acq: 15 Sep 2018 06:23

Instrument :

MSVOA_V

ClientSampled :

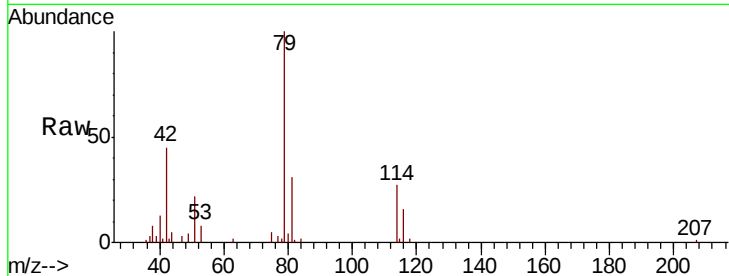
C0KS9

Tgt Ion: 75 Resp: 795

Ion Ratio Lower Upper

75 100

77 62.1 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.04

400

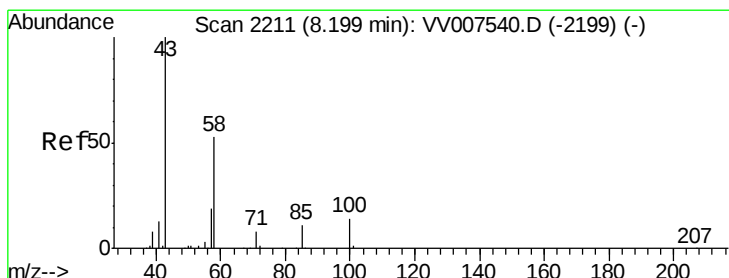
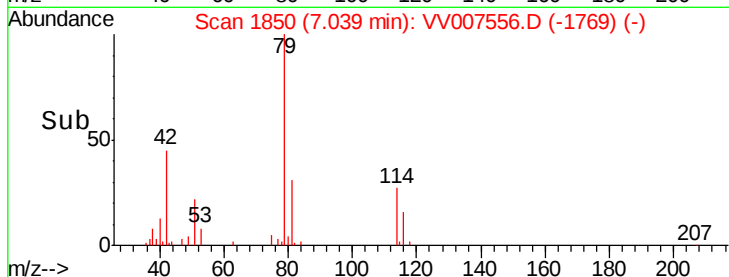
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 2.703 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007556.D

Acq: 15 Sep 2018 06:23

Tgt Ion: 43 Resp: 5304

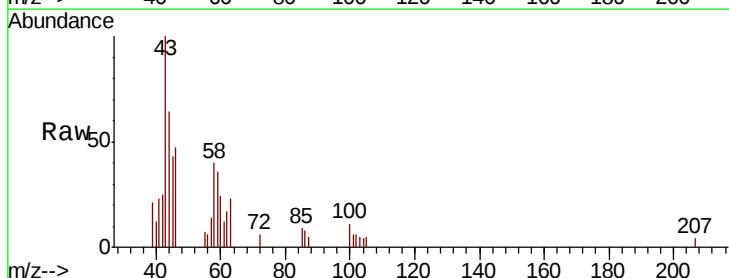
Ion Ratio Lower Upper

43 100

58 0.0 49.8 74.6#

57 0.0 18.2 27.4#

100 6.8 11.0 16.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

4000

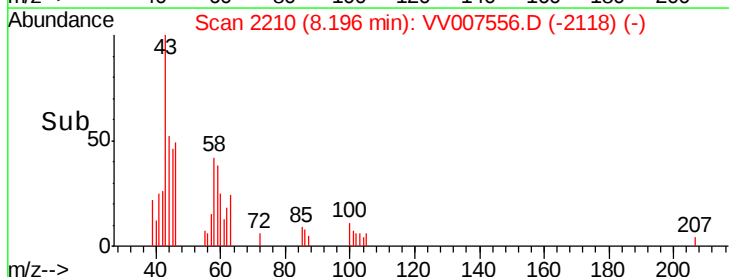
3000

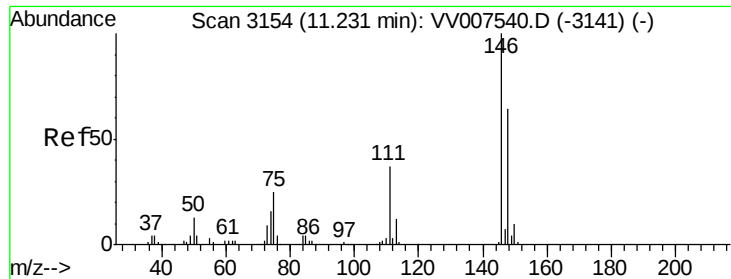
2000

1000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 0.076 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.09 min

Lab File: VV007556.D

Acq: 15 Sep 2018 06:23

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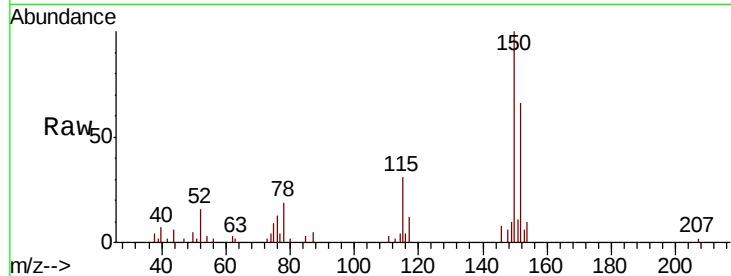
Tgt Ion:146 Resp: 794

Ion Ratio Lower Upper

146 100

111 42.4 25.3 47.1

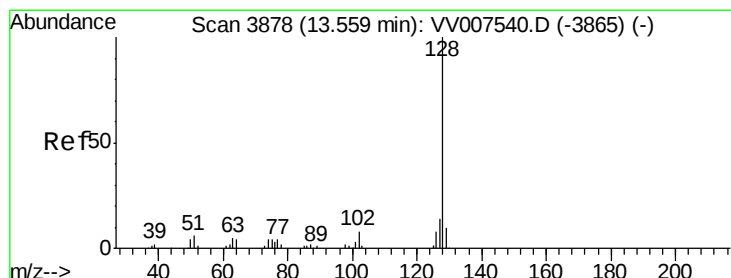
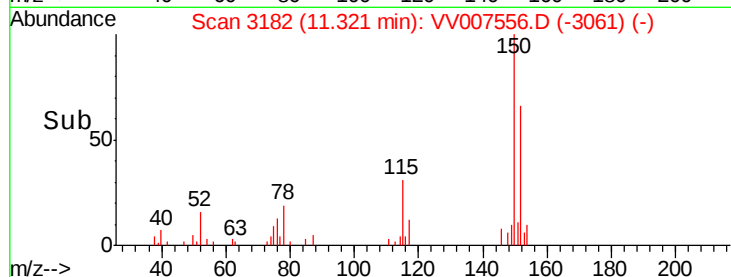
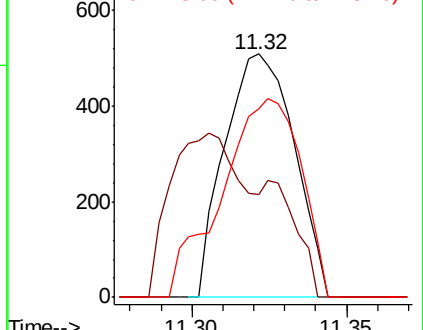
148 77.6 44.6 82.8



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



#69

Naphthalene

Concen: 1.031 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VV007556.D

Acq: 15 Sep 2018 06:23

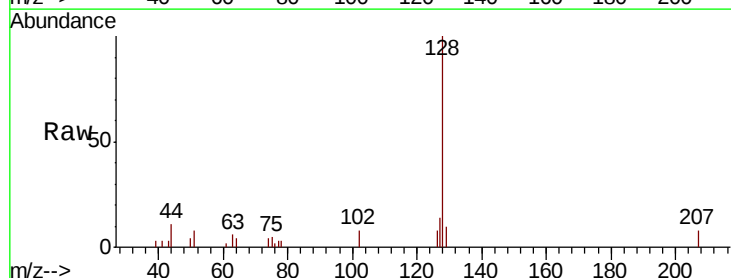
Tgt Ion:128 Resp: 7379

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 14.1 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

