

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007554.D
 Acq On : 15 Sep 2018 05:27
 Operator : SY/MD
 Sample : J4872-16
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS2

Quant Time: Sep 15 06:33:29 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	119259	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46027	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25535	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	27263	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	45268	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	56556	65.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.18%#
24) Chloroform-d	4.41	84	55766	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.09	65	27946	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.10	84	108804	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.13	67	31862	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	107104	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	10551	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	8.14	63	34654	68.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.06%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20140	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	39221	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

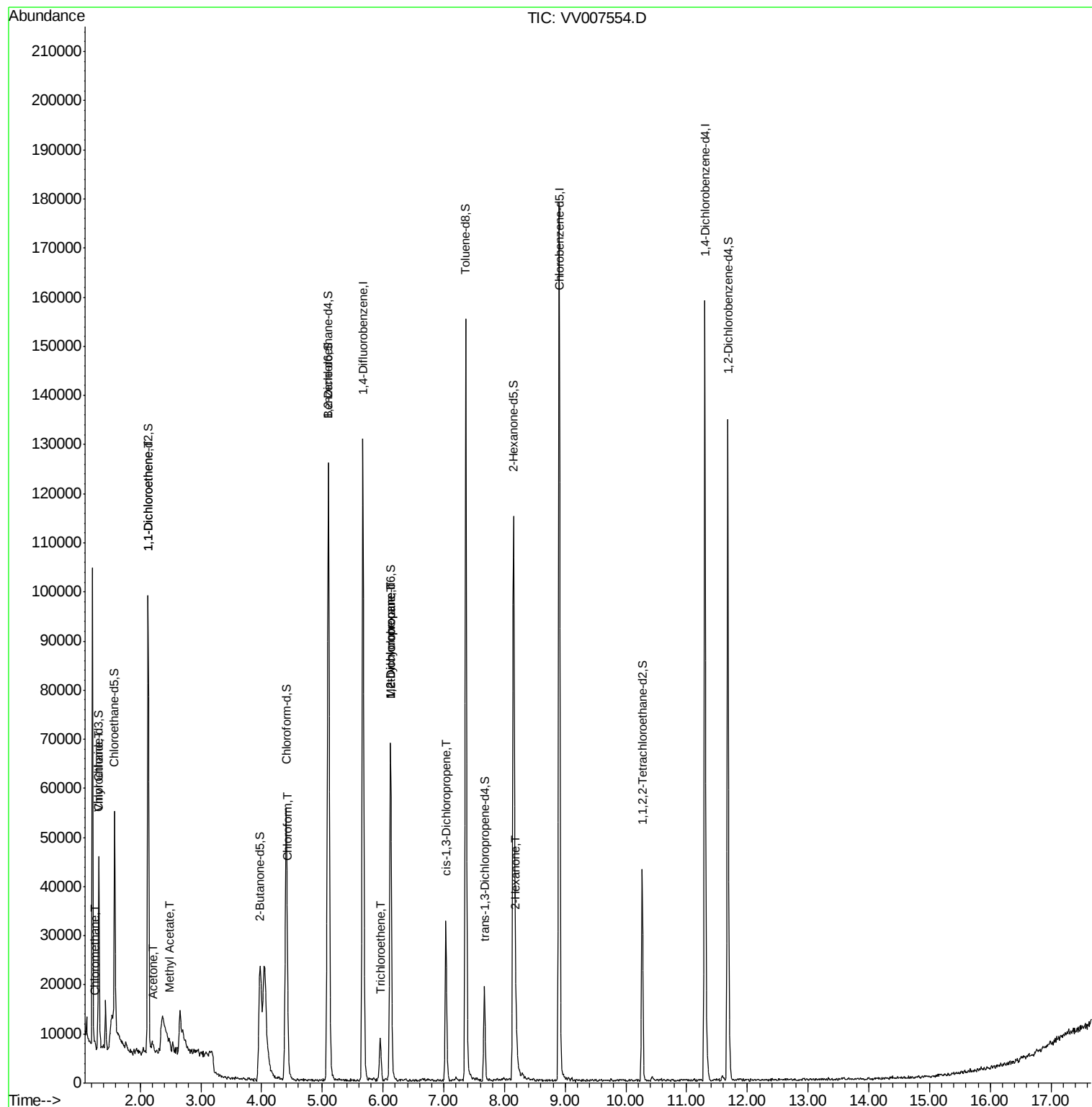
					Qvalue
3) Chloromethane	1.25	50	637	0.114 ug/L	98
8) Chloroethane	1.32	64	350	0.092 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	691	0.114 ug/L #	1
13) Acetone	2.22	43	1278	2.252 ug/L	71
15) Methyl Acetate	2.48	43	681	0.438 ug/L #	43
25) Chloroform	4.43	83	1409	0.128 ug/L	94
34) Trichloroethene	5.96	95	1157	0.179 ug/L	92
35) Methylcyclohexane	6.13	83	8086	0.811 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3729	0.719 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	804	0.097 ug/L #	25
48) 2-Hexanone	8.19	43	6167	2.835 ug/L #	77

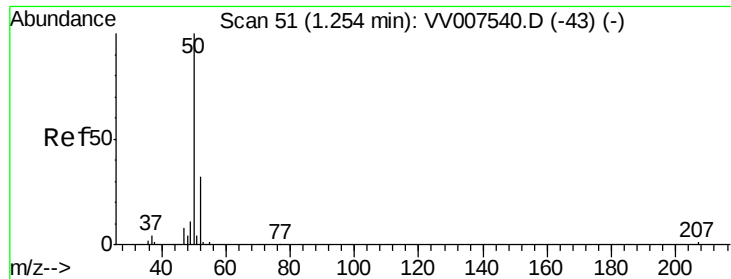
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.114 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007554.D

Acq: 15 Sep 2018 05:27

Instrument :

MSVOA_V

ClientSampleId :

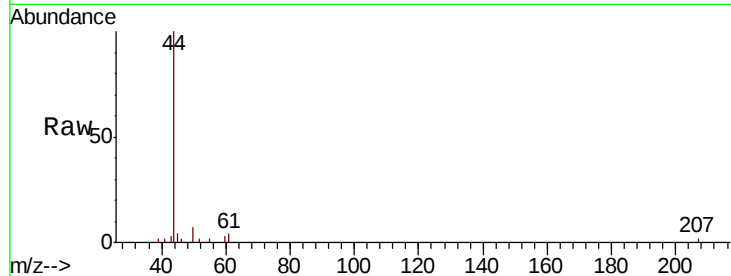
C0KS2

Tgt Ion: 50 Resp: 637

Ion Ratio Lower Upper

50 100

52 36.0 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

400

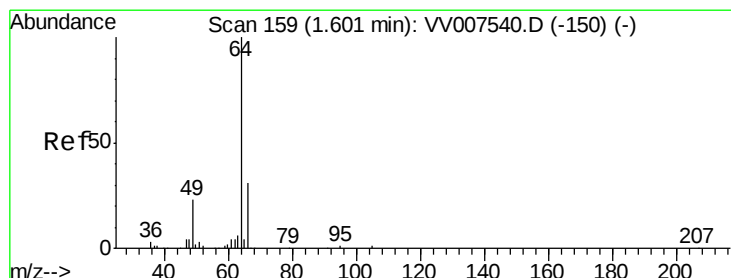
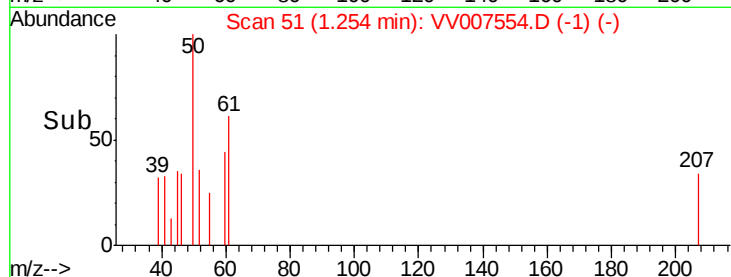
300

200

100

0

Time--> 1.22 1.24 1.26 1.28 1.30



#8

Chloroethane

Concen: 0.092 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007554.D

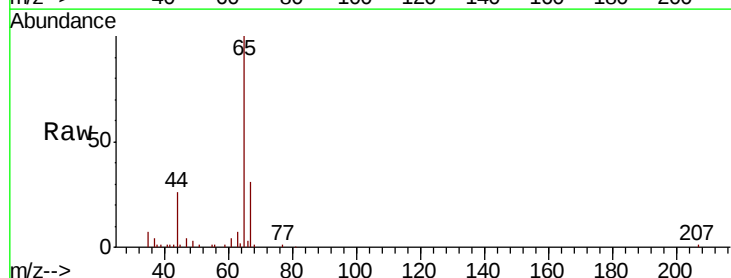
Acq: 15 Sep 2018 05:27

Tgt Ion: 64 Resp: 350

Ion Ratio Lower Upper

64 100

66 148.7 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.32

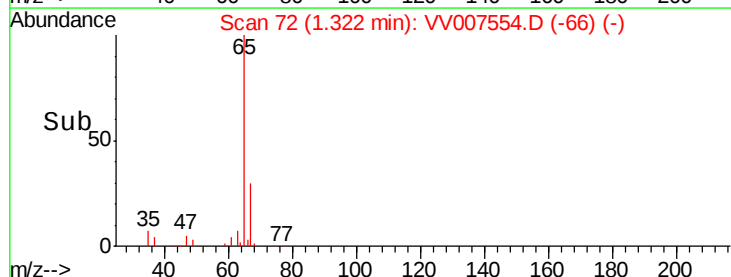
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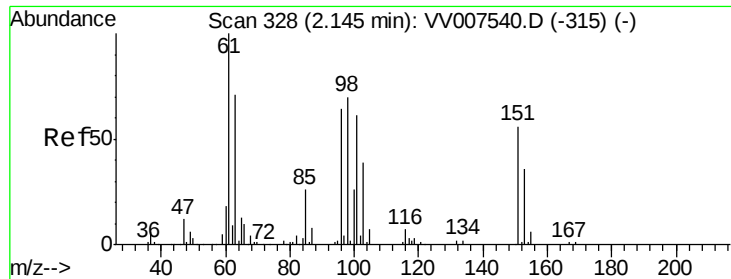
400

200

0

Time--> 1.30 1.32 1.34





#12

1,1-Dichloroethene

Concen: 0.114 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.02 min

Lab File: VV007554.D

Acq: 15 Sep 2018 05:27

Instrument :

MSVOA_V

ClientSampled :

C0KS2

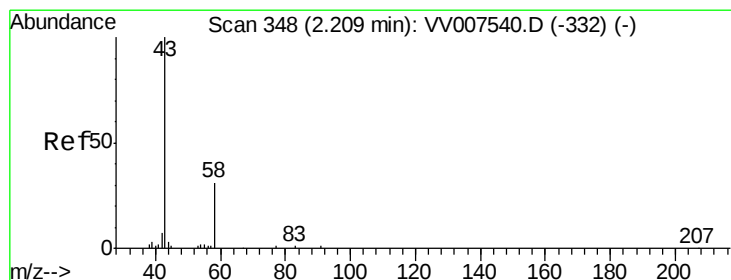
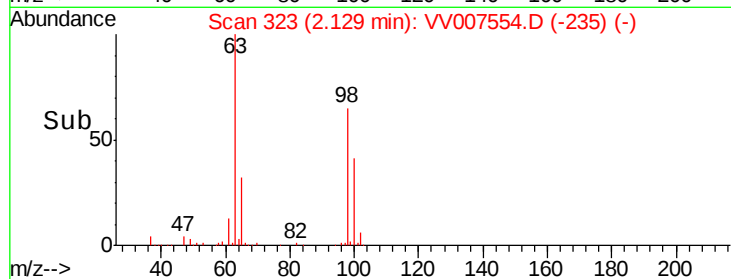
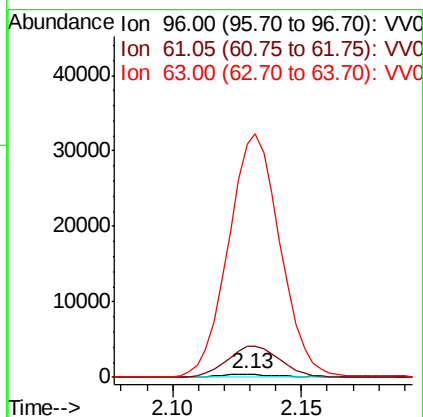
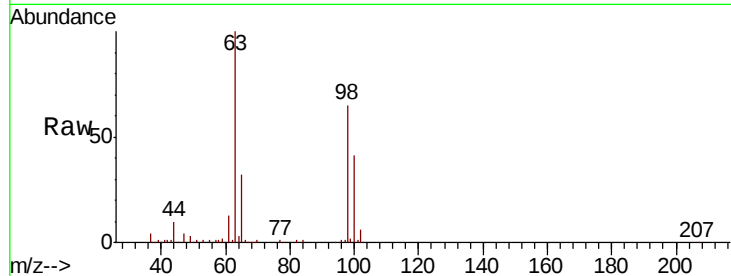
Tgt Ion: 96 Resp: 691

Ion Ratio Lower Upper

96 100

61 1036.4 114.8 213.2#

63 7859.5 81.8 151.8#



#13

Acetone

Concen: 2.252 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV007554.D

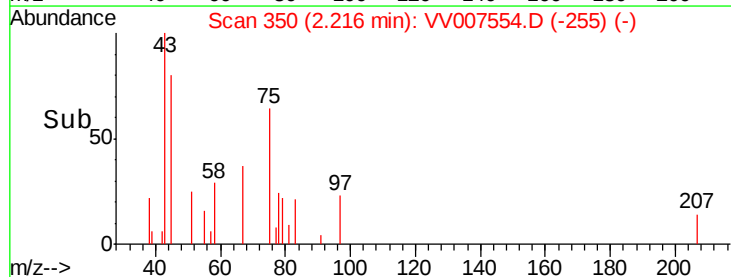
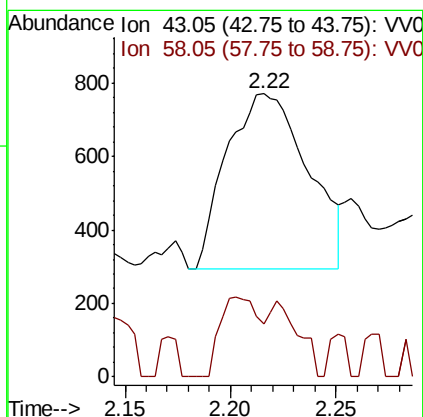
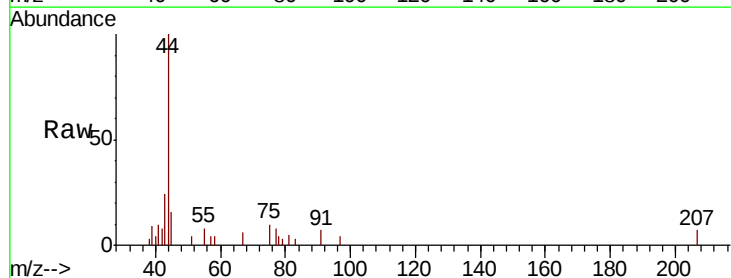
Acq: 15 Sep 2018 05:27

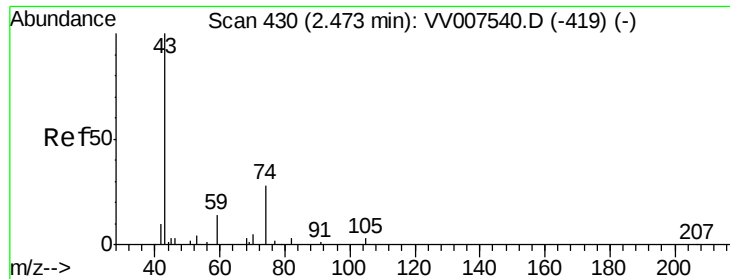
Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

58 15.6 0.0 63.4

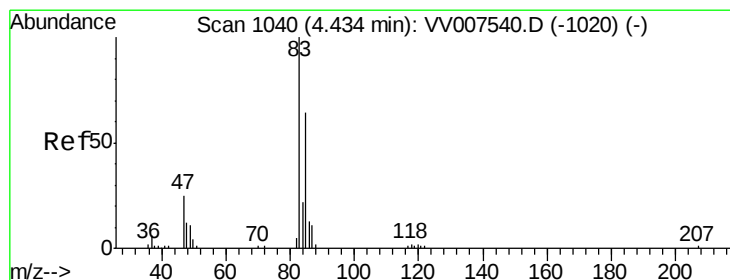
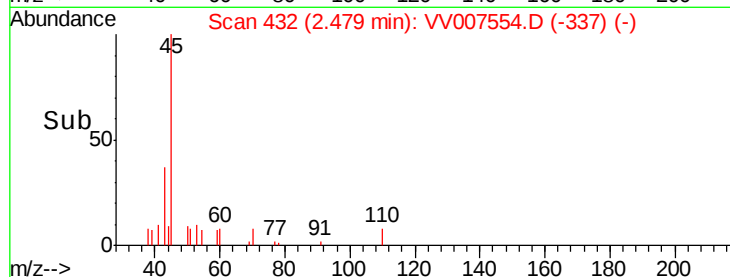
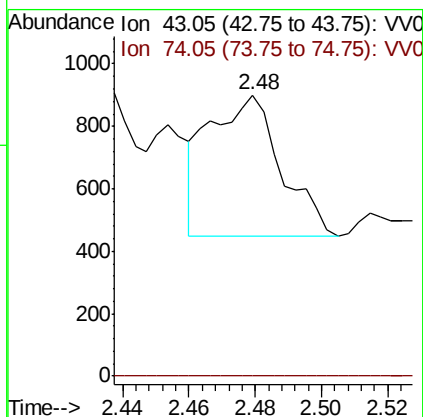
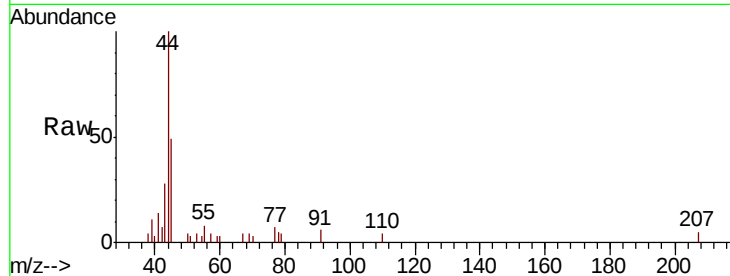




#15
Methyl Acetate
Concen: 0.438 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.01 min
Lab File: VV007554.D
Acq: 15 Sep 2018 05:27

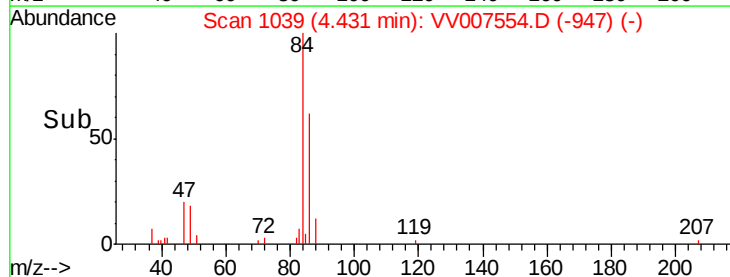
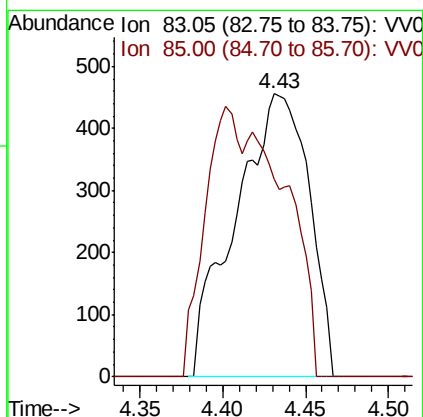
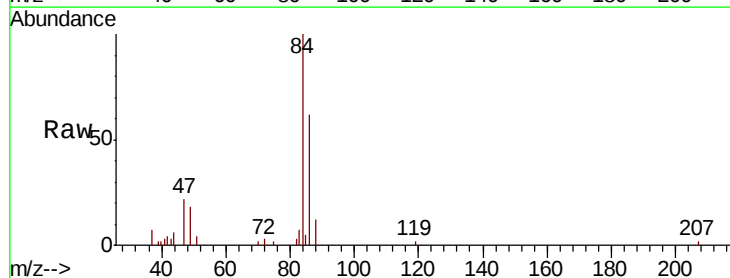
Instrument :
MSVOA_V
ClientSampled :
C0KS2

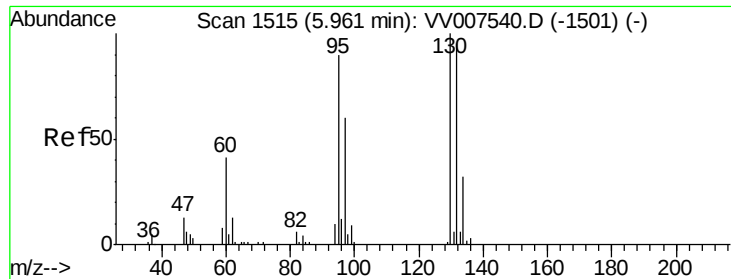
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#25
Chloroform
Concen: 0.128 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007554.D
Acq: 15 Sep 2018 05:27

Tgt Ion: 83 Resp: 1409
Ion Ratio Lower Upper
83 100
85 69.7 45.5 84.5

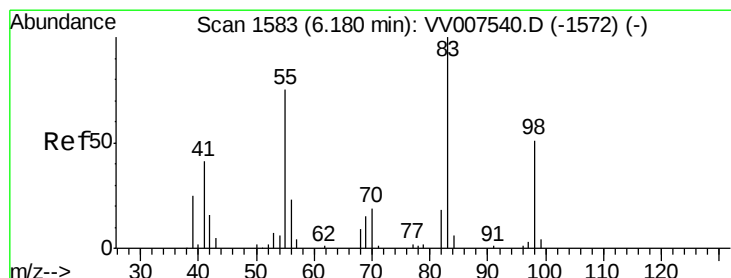
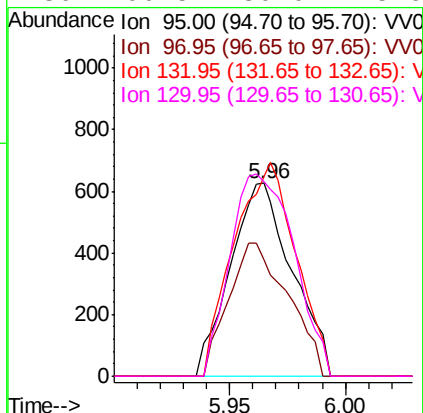
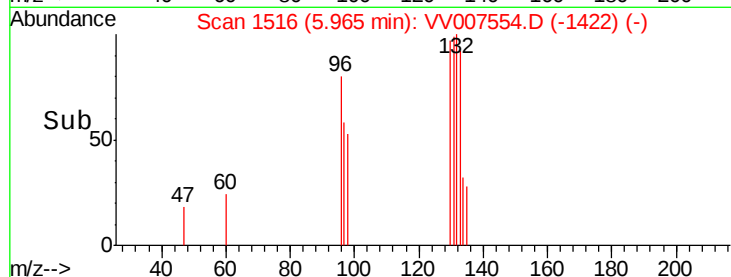
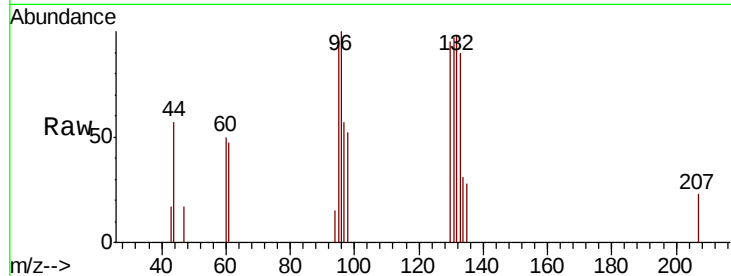




#34
 Trichloroethene
 Concen: 0.179 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007554.D
 Acq: 15 Sep 2018 05:27

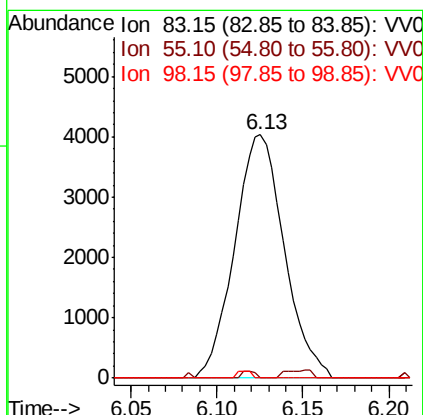
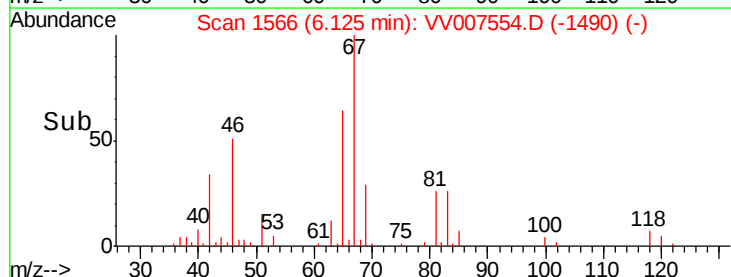
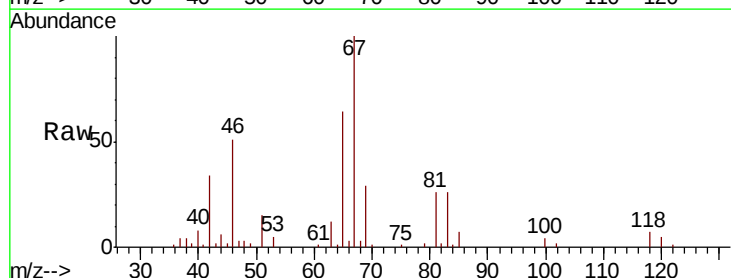
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS2

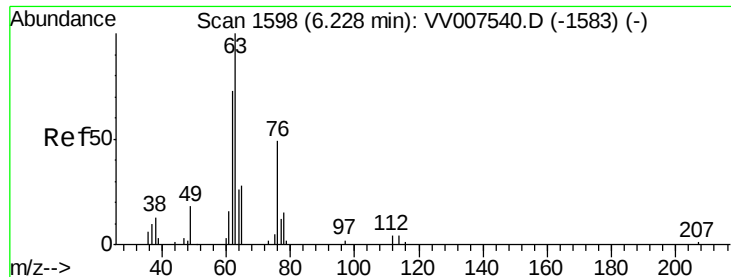
Tgt Ion: 95 Resp: 1157
 Ion Ratio Lower Upper
 95 100
 97 60.3 45.5 84.5
 132 103.7 74.9 139.1
 130 100.5 80.0 148.6



#35
 Methylcyclohexane
 Concen: 0.811 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV007554.D
 Acq: 15 Sep 2018 05:27

Tgt Ion: 83 Resp: 8086
 Ion Ratio Lower Upper
 83 100
 55 0.8 55.0 82.4#
 98 0.8 37.6 56.4#





#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007554.D

Acq: 15 Sep 2018 05:27

Instrument :

MSVOA_V

ClientSampleId :

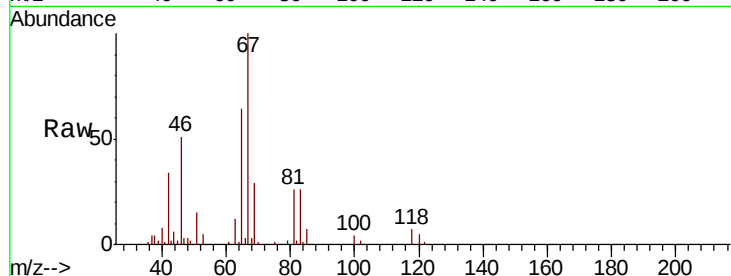
C0KS2

Tgt Ion: 63 Resp: 3729

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

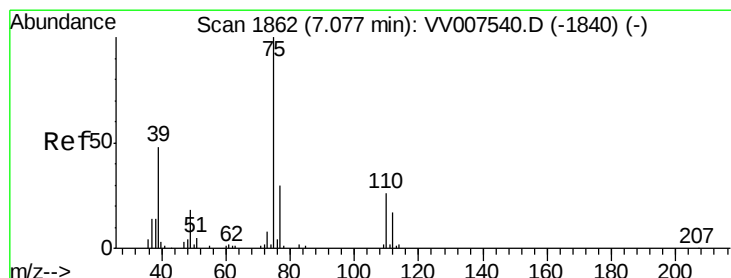
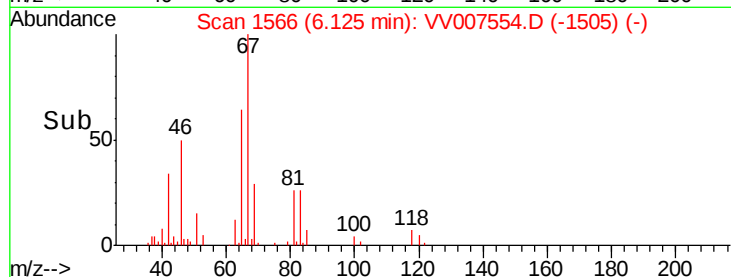
1500

1000

500

0

Time--> 6.05 6.10 6.15



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007554.D

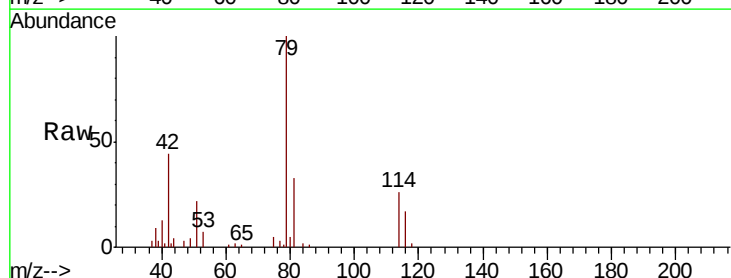
Acq: 15 Sep 2018 05:27

Tgt Ion: 75 Resp: 804

Ion Ratio Lower Upper

75 100

77 72.8 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) (-)

7.03

500

400

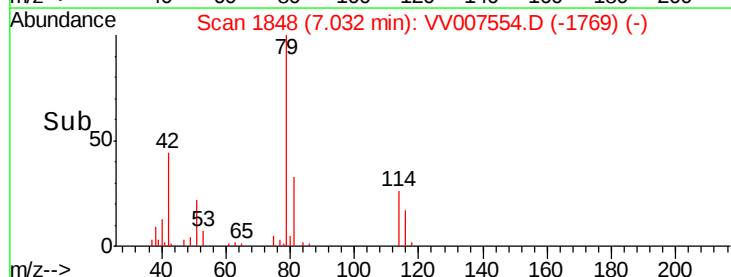
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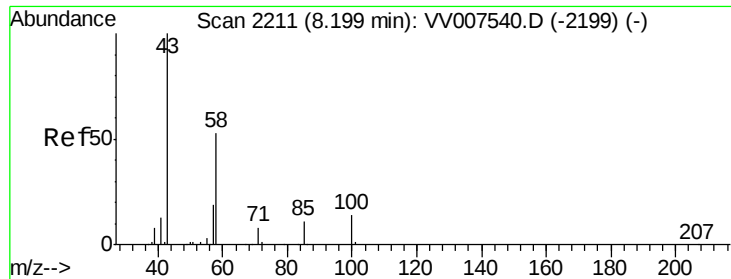
200

100

0

Time--> 7.00 7.05





#48
 2-Hexanone
 Concen: 2.835 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VV007554.D
 Acq: 15 Sep 2018 05:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS2

Tgt Ion: 43 Resp: 6167
 Ion Ratio Lower Upper
 43 100
 58 39.4 49.8 74.6#
 57 19.5 18.2 27.4
 100 6.0 11.0 16.4#

