

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011335.D
 Acq On : 08 Jun 2019 23:34
 Operator : SY/MD
 Sample : K3276-13
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E9

Quant Time: Jun 09 00:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142413	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44841	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.55	69	37813	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.12	63	73072	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.94	46	120743	49.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.40	84	88469	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	50479	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.09	84	180203	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.11	67	54897	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	158294	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	16582	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.13	63	91270	46.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37551	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	50869	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

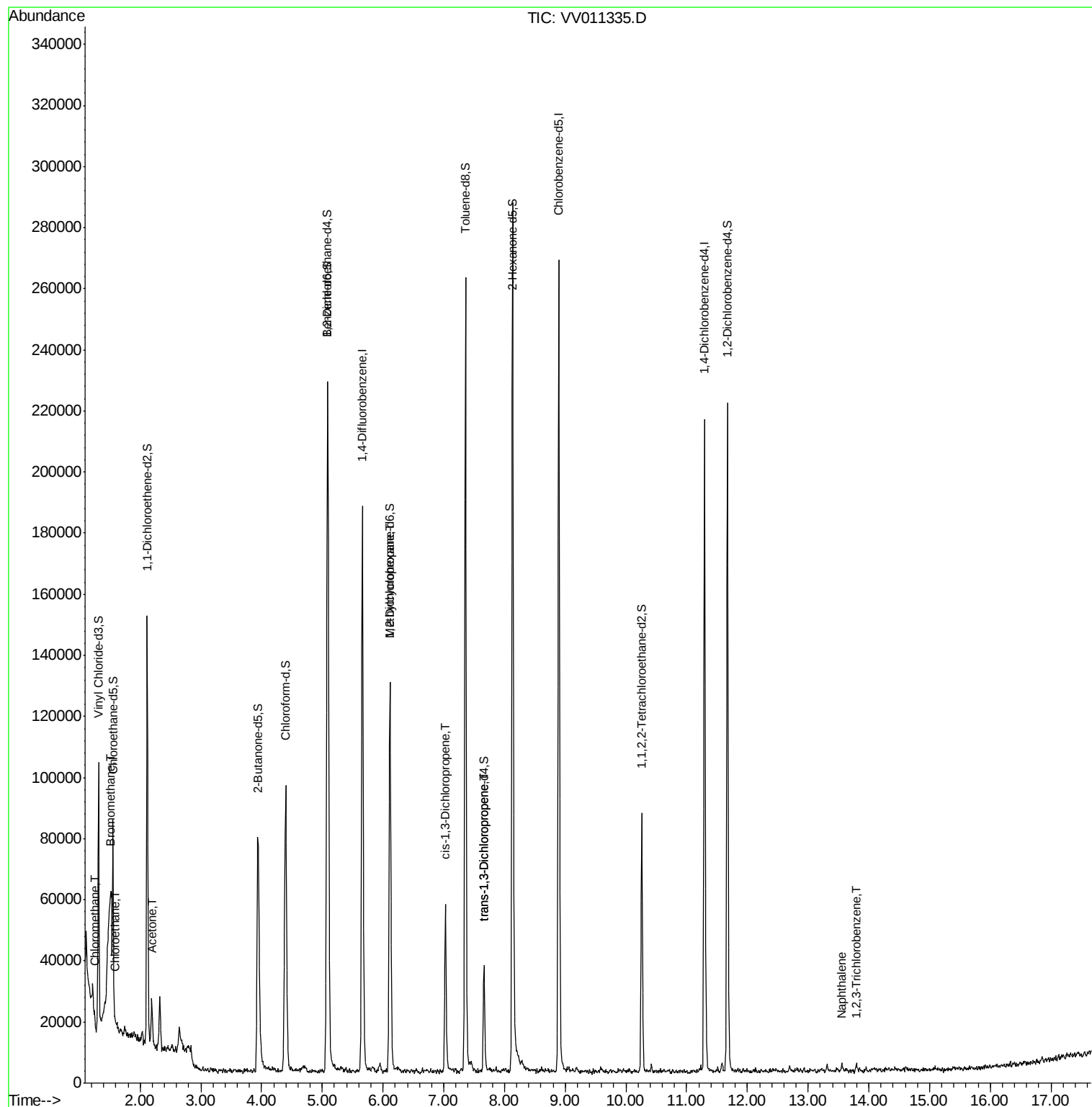
					Qvalue
3) Chloromethane	1.25	50	2447	0.180 ug/L	96
6) Bromomethane	1.51	94	1197	0.176 ug/L	90
8) Chloroethane	1.59	64	816	0.097 ug/L #	59
13) Acetone	2.19	43	9924	6.092 ug/L	98
35) Methylcyclohexane	6.12	83	12620	0.706 ug/L #	17
39) cis-1,3-Dichloropropene	7.02	75	1602	0.105 ug/L	87
44) trans-1,3-Dichloropropene	7.67	75	968	0.084 ug/L	93
69) Naphthalene	13.56	128	1672	0.109 ug/L #	85
70) 1,2,3-Trichlorobenzene	13.79	180	537	0.064 ug/L	94

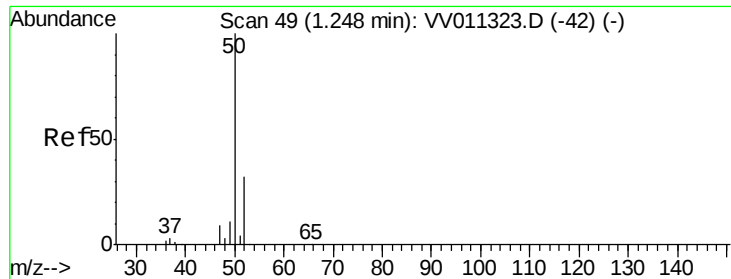
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.180 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011335.D

Acq: 08 Jun 2019 23:34

Instrument :

MSVOA_V

ClientSampleId :

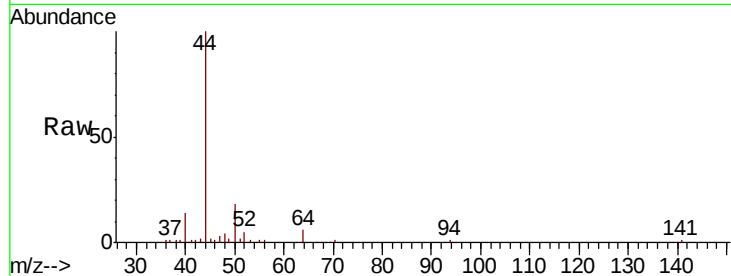
DB8E9

Tgt Ion: 50 Resp: 2447

Ion Ratio Lower Upper

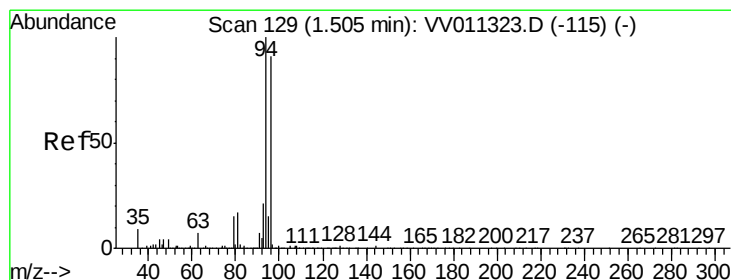
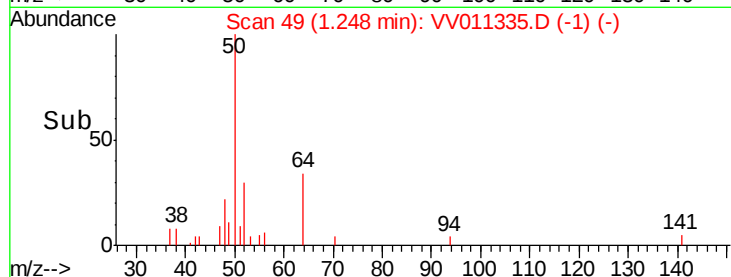
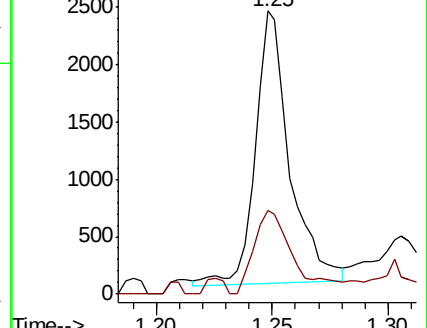
50 100

52 29.7 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.176 ug/L

RT: 1.51 min Scan# 130

Delta R.T. 0.00 min

Lab File: VV011335.D

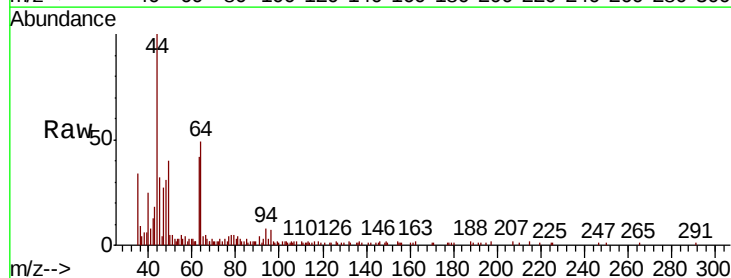
Acq: 08 Jun 2019 23:34

Tgt Ion: 94 Resp: 1197

Ion Ratio Lower Upper

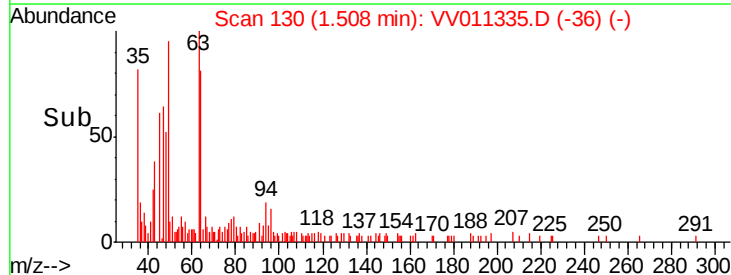
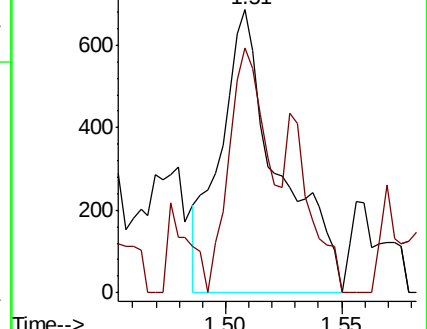
94 100

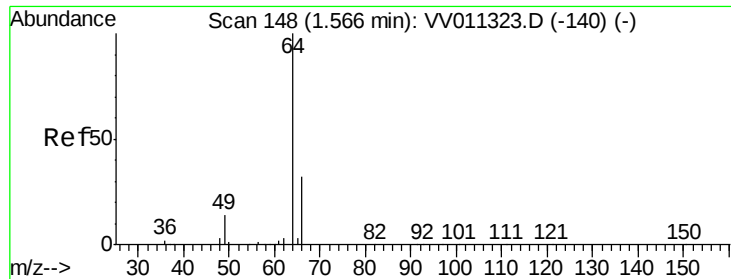
96 86.3 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.097 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.03 min

Lab File: VV011335.D

Acq: 08 Jun 2019 23:34

Instrument :

MSVOA_V

ClientSampleId :

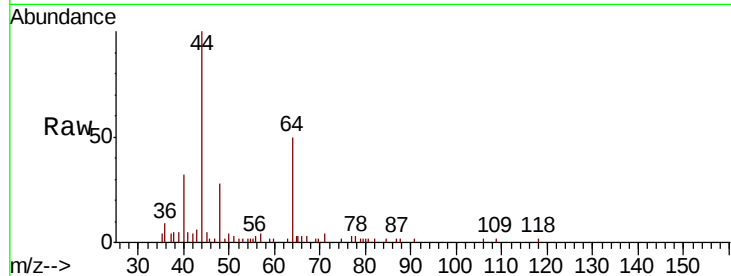
DB8E9

Tgt Ion: 64 Resp: 816

Ion Ratio Lower Upper

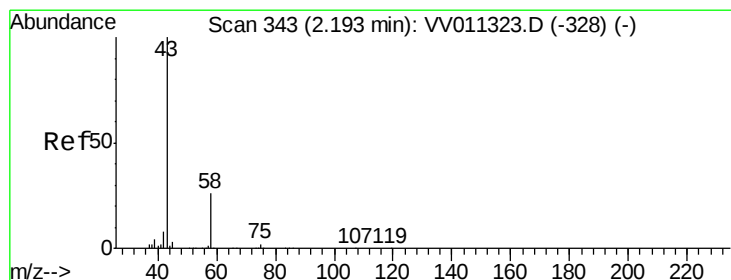
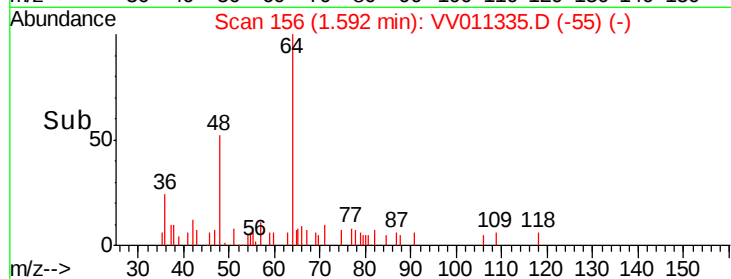
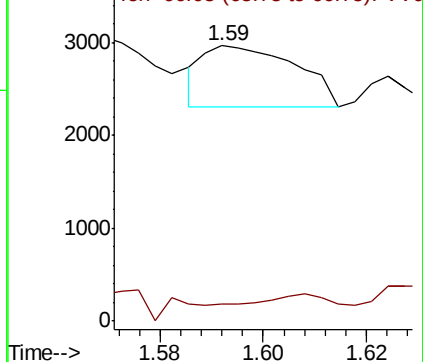
64 100

66 6.4 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 6.092 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV011335.D

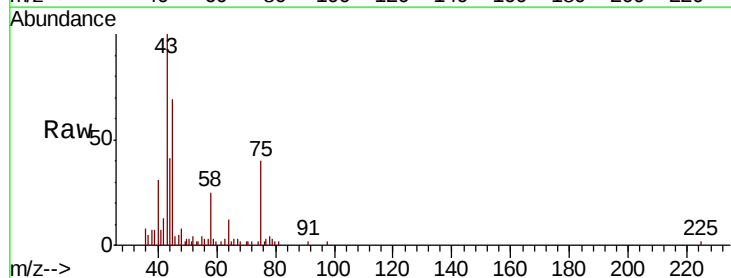
Acq: 08 Jun 2019 23:34

Tgt Ion: 43 Resp: 9924

Ion Ratio Lower Upper

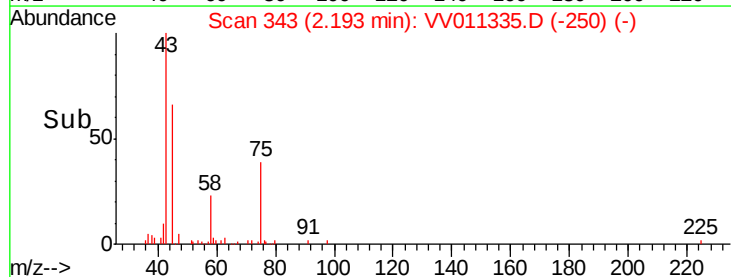
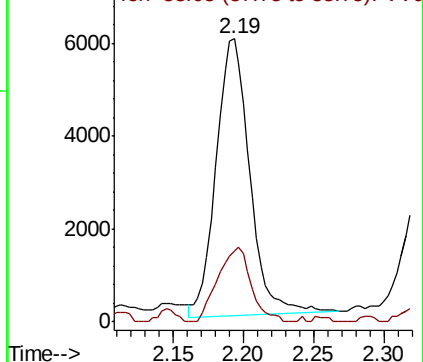
43 100

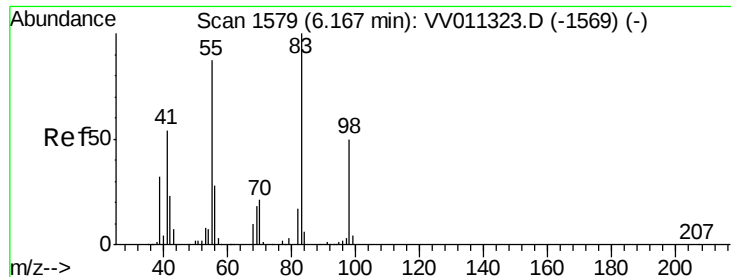
58 26.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

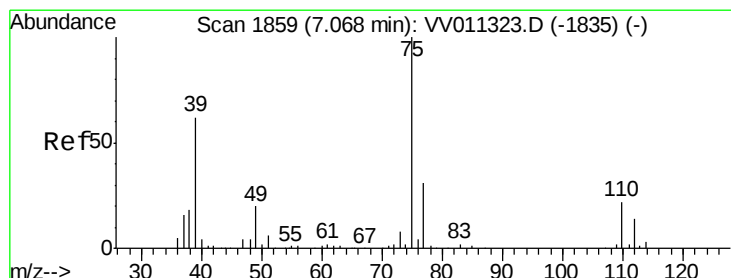
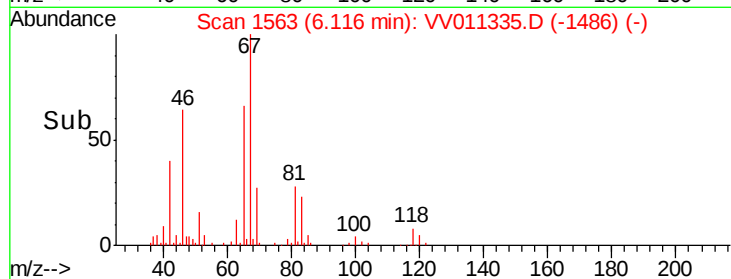
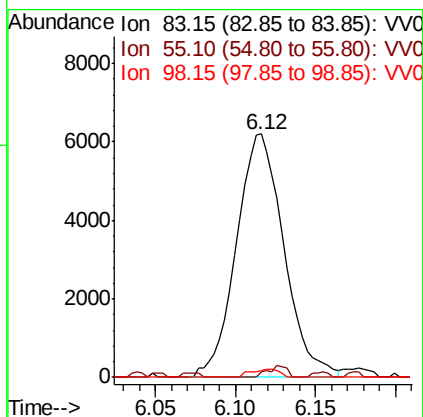
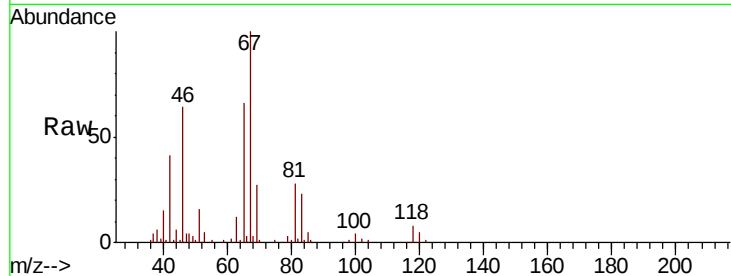




#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011335.D
Acq: 08 Jun 2019 23:34

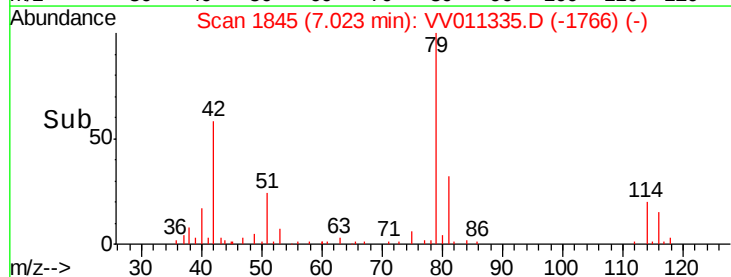
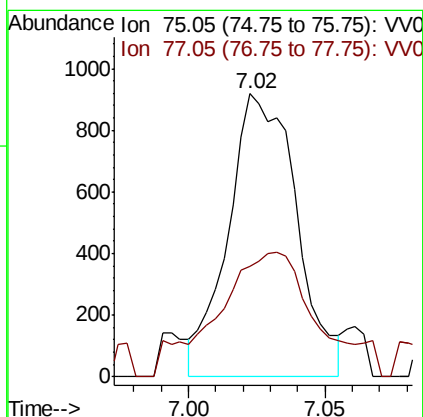
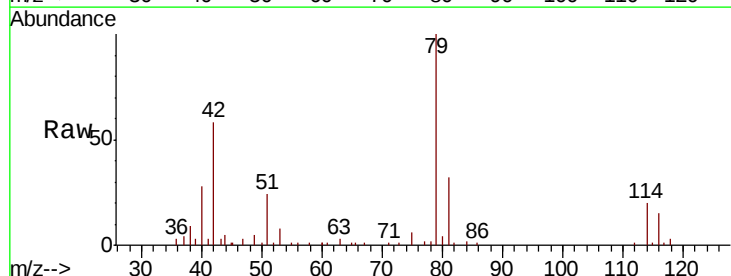
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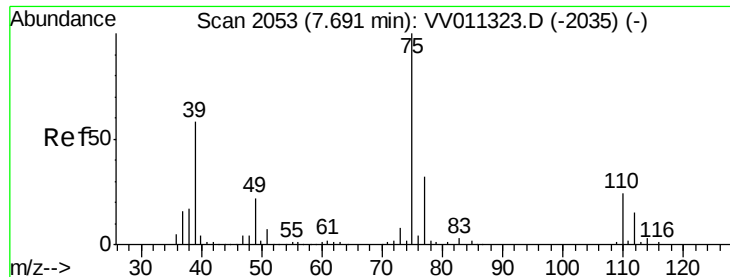
Tgt Ion: 83 Resp: 12620
Ion Ratio Lower Upper
83 100
55 2.0 67.0 100.6#
98 1.9 40.0 60.0#



#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV011335.D
Acq: 08 Jun 2019 23:34

Tgt Ion: 75 Resp: 1602
Ion Ratio Lower Upper
75 100
77 39.1 22.2 41.2





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011335.D

Acq: 08 Jun 2019 23:34

Instrument :

MSVOA_V

ClientSampleId :

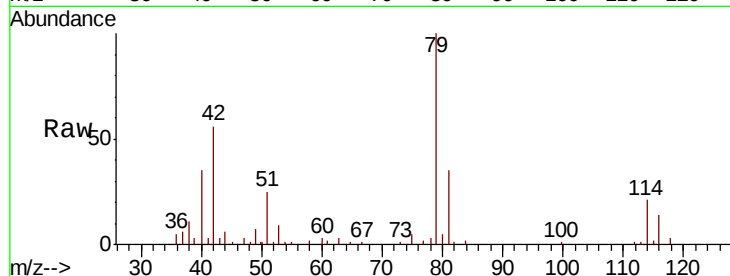
DB8E9

Tgt Ion: 75 Resp: 968

Ion Ratio Lower Upper

75 100

77 36.7 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV011323.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV011323.D (-2035) (-)

600

500

400

300

200

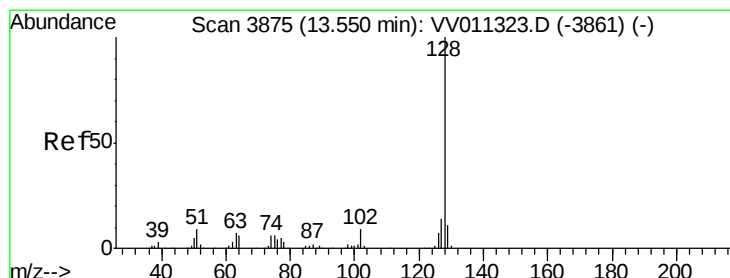
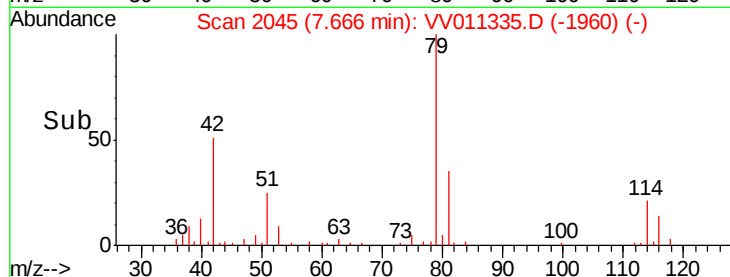
100

0

7.65

7.70

Time-->



#69

Naphthalene

Concen: 0.109 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV011335.D

Acq: 08 Jun 2019 23:34

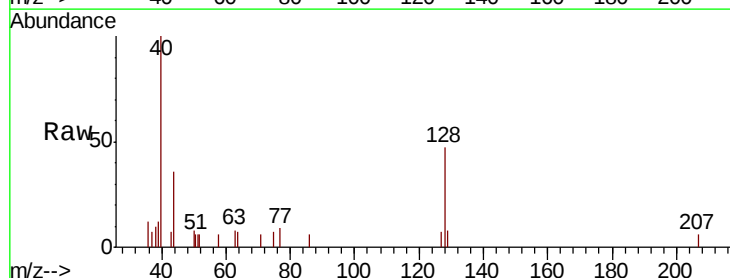
Tgt Ion: 128 Resp: 1672

Ion Ratio Lower Upper

128 100

129 7.8 8.9 13.3#

127 4.7 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): VV011323.D (-3861) (-)

Ion 129.00 (128.70 to 129.70): VV011323.D (-3861) (-)

Ion 127.00 (126.70 to 127.70): VV011323.D (-3861) (-)

1200

1000

800

600

400

200

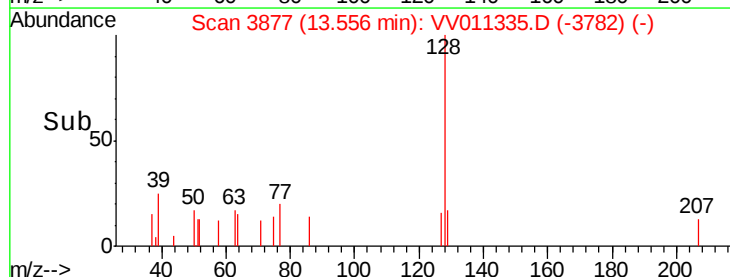
0

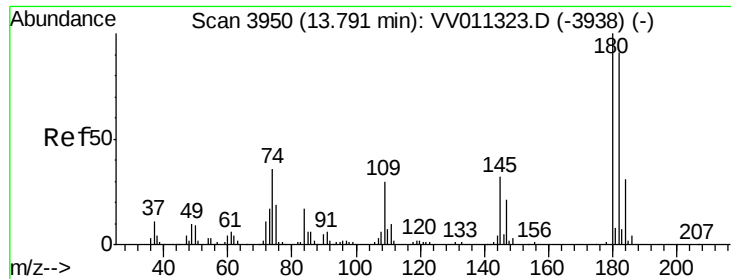
13.50

13.55

13.60

Time-->

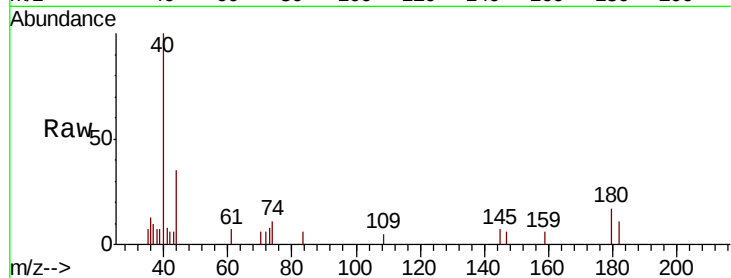




#70
 1,2,3-Trichlorobenzene
 Concen: 0.064 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VV011335.D
 Acq: 08 Jun 2019 23:34

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 MSVOA_V
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	78.6	117.8
145	36.5	26.9	40.3



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

