

Data File : VV008099.D
Acq On : 05 Oct 2018 15:43
Operator : SY/MD
Sample : J5246-17
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J85RE

Quant Time: Oct 06 01:04:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	106443	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48124	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28604	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.59	69	24413	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.14	63	45407	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	73619	46.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.66%
24) Chloroform-d	4.41	84	60991	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	30979	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	117095	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	37199	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	106946	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	12508	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	53499	47.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24997	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	42628	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

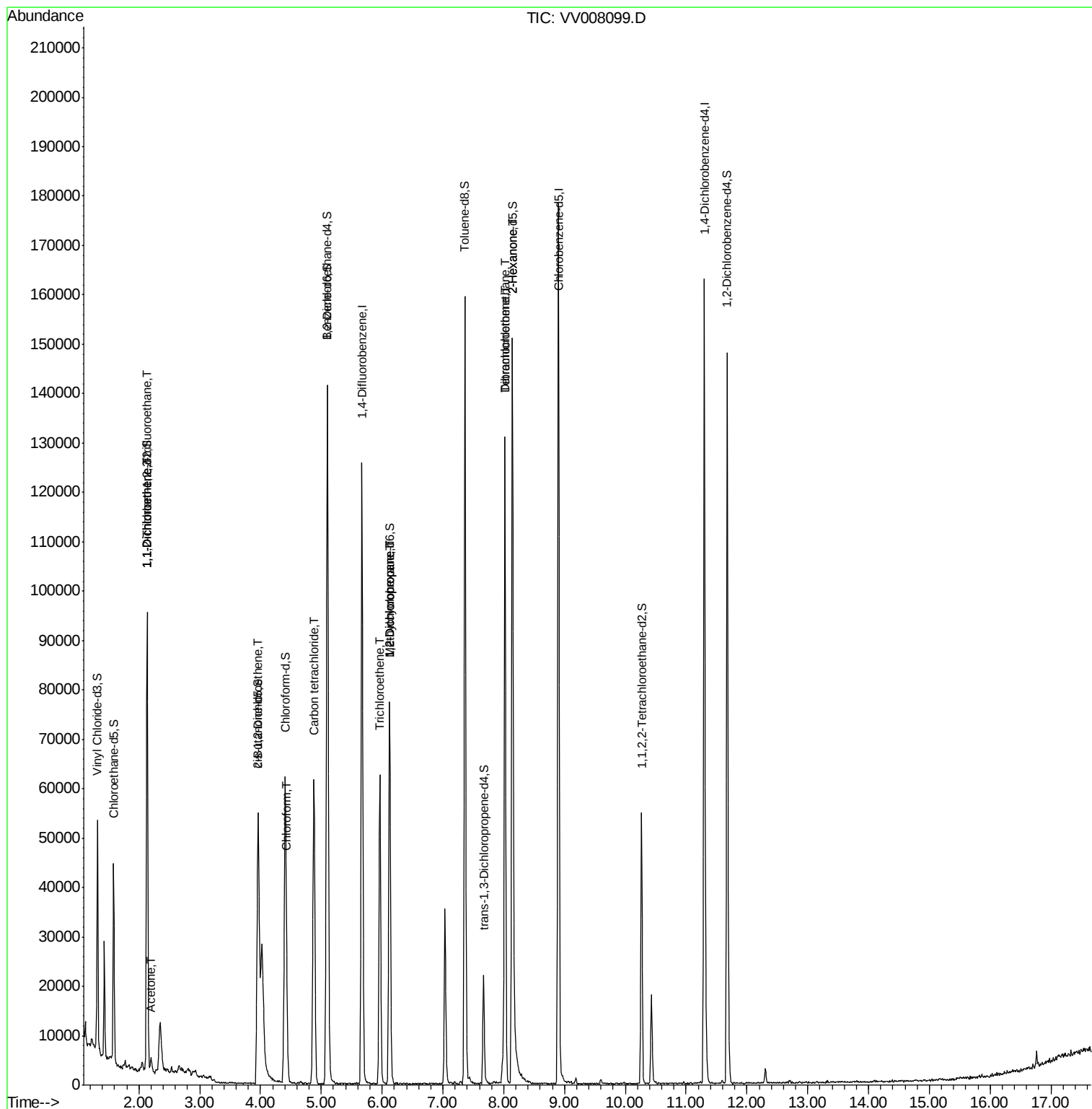
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	552	0.080 ug/L #	17
12) 1,1-Dichloroethene	2.15	96	3309	0.574 ug/L #	1
13) Acetone	2.20	43	3209	3.013 ug/L	84
22) cis-1,2-Dichloroethene	3.97	96	7905	1.114 ug/L	100
25) Chloroform	4.43	83	6877	0.533 ug/L	94
31) Carbon tetrachloride	4.88	117	45514	4.566 ug/L	97
34) Trichloroethene	5.96	95	20589	2.799 ug/L	97
35) Methylcyclohexane	6.12	83	8823	0.859 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	4129	0.607 ug/L #	87
47) Tetrachloroethene	8.02	164	29952	4.559 ug/L	98
48) 2-Hexanone	8.14	43	6893	2.634 ug/L #	76
49) Dibromochloromethane	8.02	129	26392	4.434 ug/L #	10

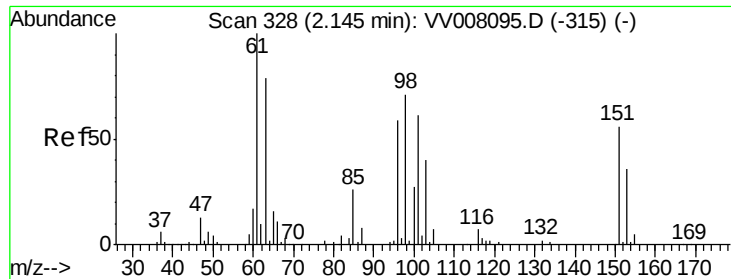
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.080 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

C0J85RE

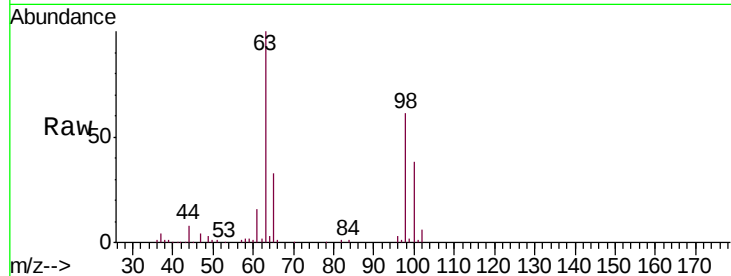
Tgt Ion: 101 Resp: 552

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

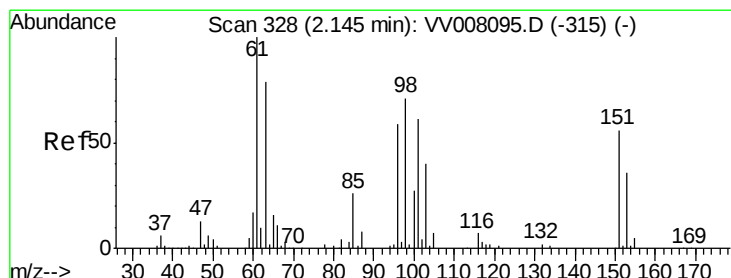
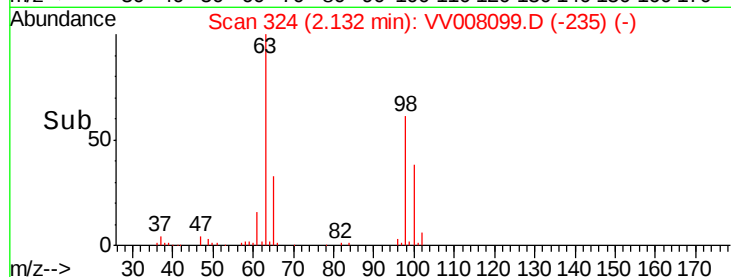
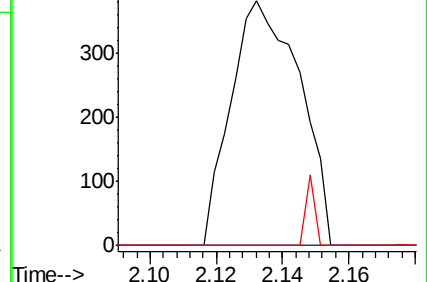
151 3.8 70.7 106.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.574 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

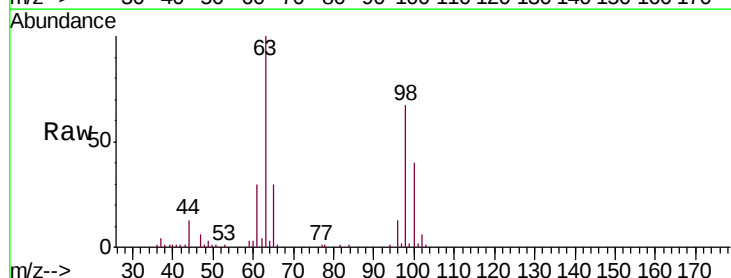
Tgt Ion: 96 Resp: 3309

Ion Ratio Lower Upper

96 100

61 231.4 114.7 213.1#

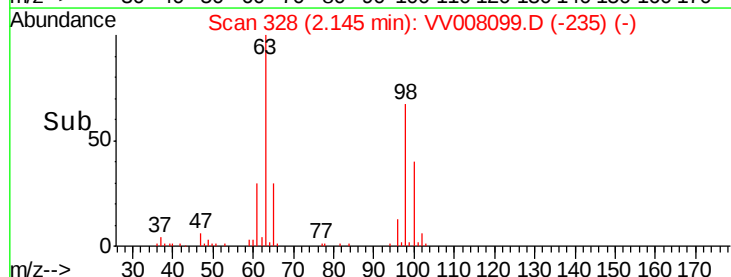
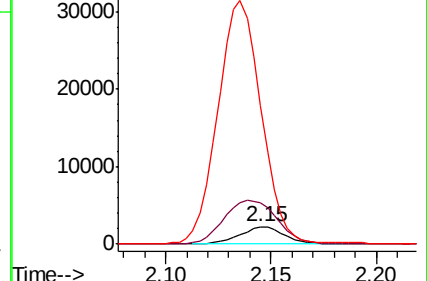
63 782.5 96.9 179.9#

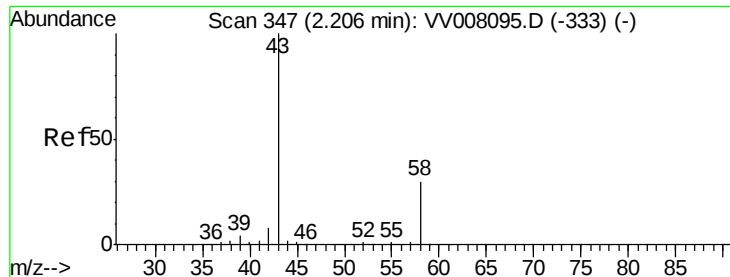


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.013 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

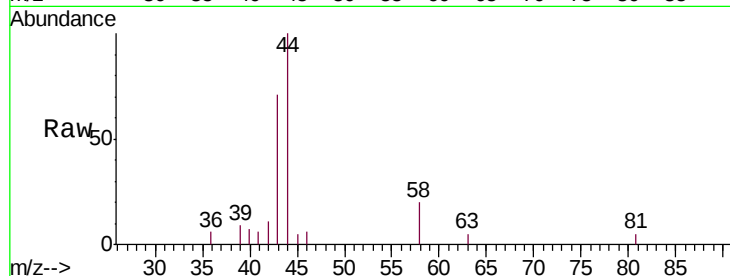
C0J85RE

Tgt Ion: 43 Resp: 3209

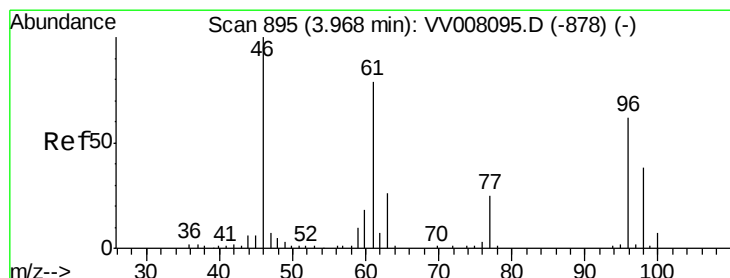
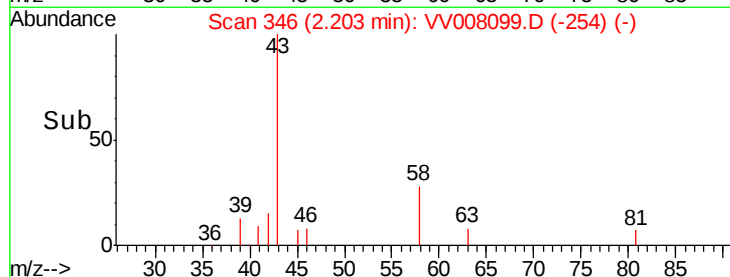
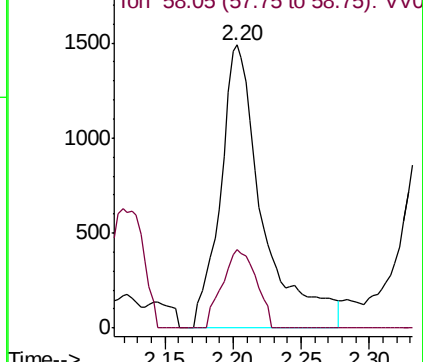
Ion Ratio Lower Upper

43 100

58 22.2 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008099.D (-333) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.114 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

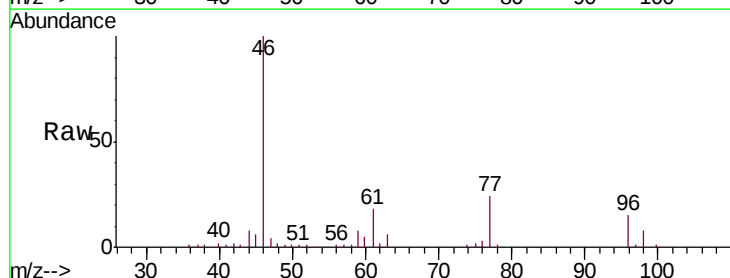
Tgt Ion: 96 Resp: 7905

Ion Ratio Lower Upper

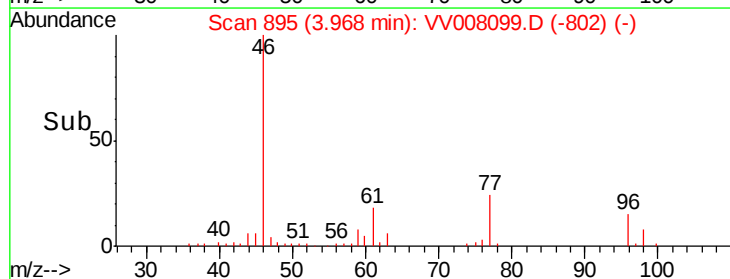
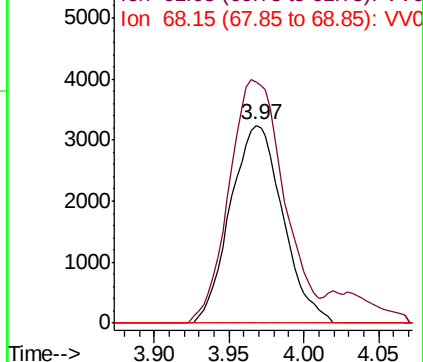
96 100

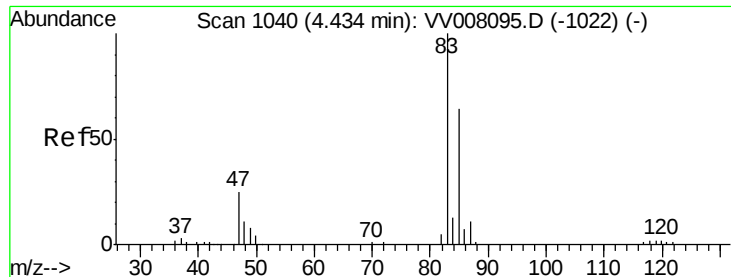
61 121.7 85.1 158.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008099.D (-878) (-)

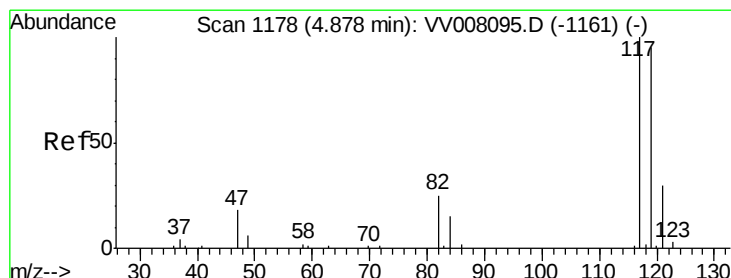
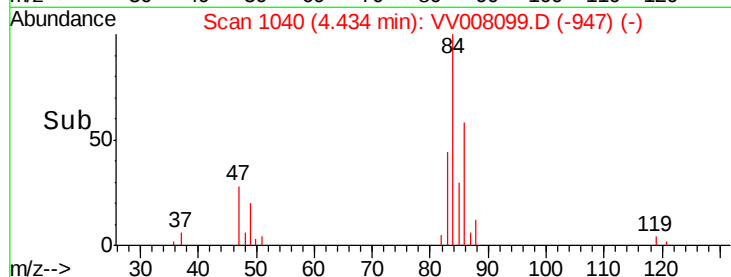
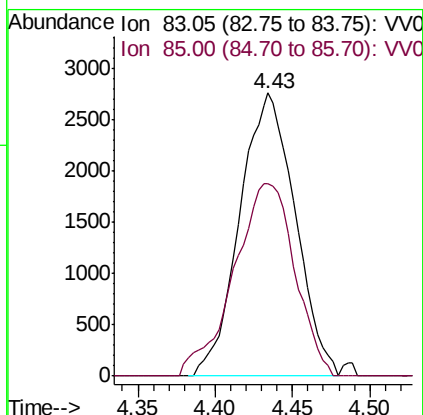
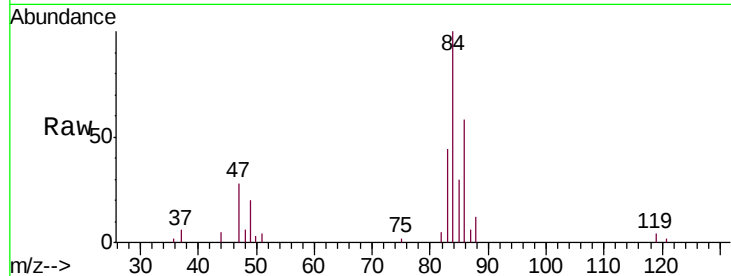




#25
Chloroform
Concen: 0.533 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008099.D
Acq: 05 Oct 2018 15:43

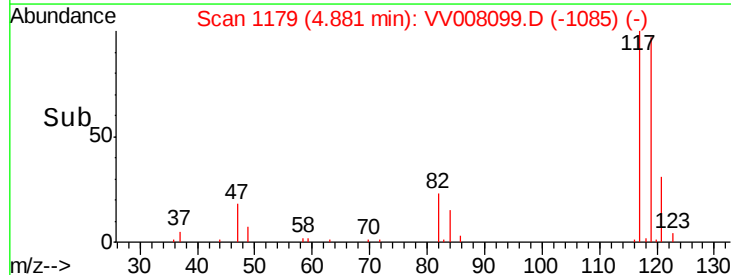
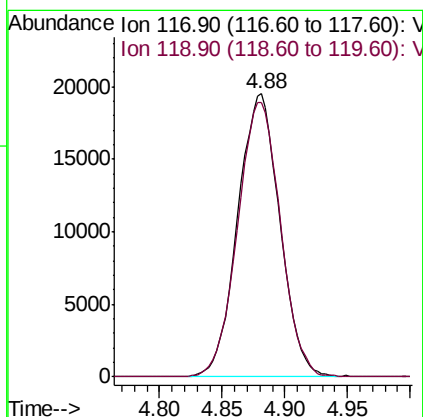
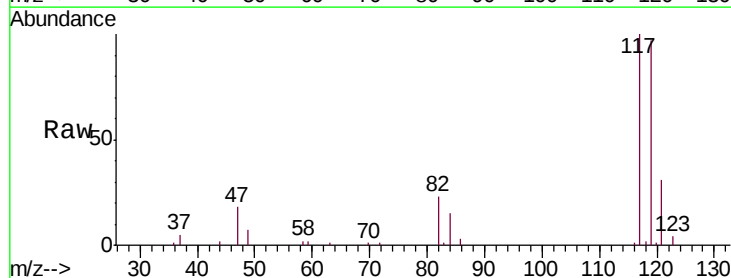
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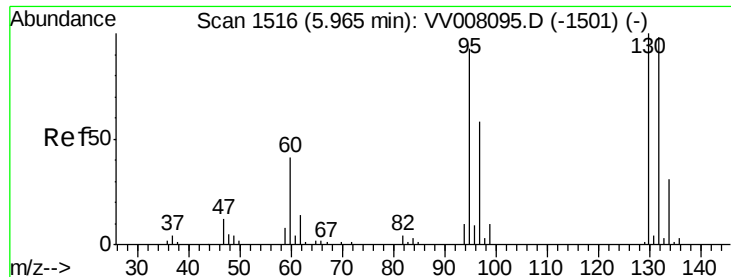
Tgt Ion: 83 Resp: 6877
Ion Ratio Lower Upper
83 100
85 68.2 44.6 82.8



#31
Carbon tetrachloride
Concen: 4.566 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV008099.D
Acq: 05 Oct 2018 15:43

Tgt Ion: 117 Resp: 45514
Ion Ratio Lower Upper
117 100
119 98.6 76.3 114.5





#34

Trichloroethene

Concen: 2.799 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

C0J85RE

Tgt Ion: 95 Resp: 20589

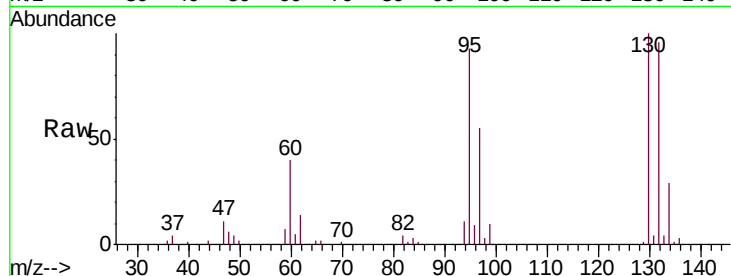
Ion Ratio Lower Upper

95 100

97 58.9 44.9 83.5

132 102.7 73.6 136.6

130 107.1 76.2 141.6

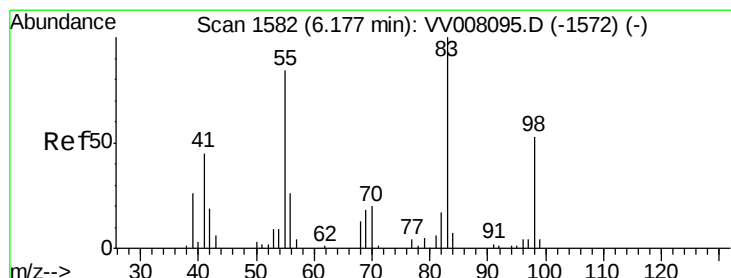
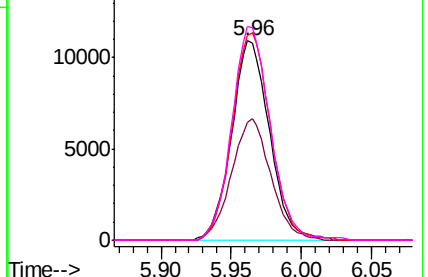
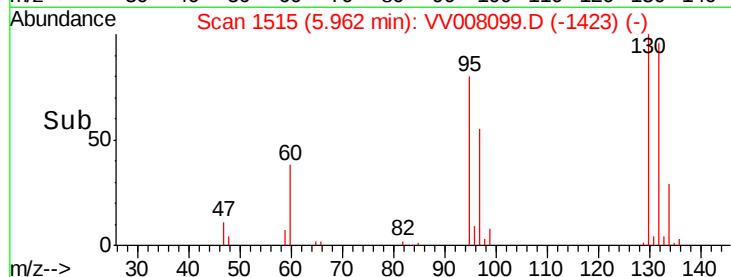


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.859 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

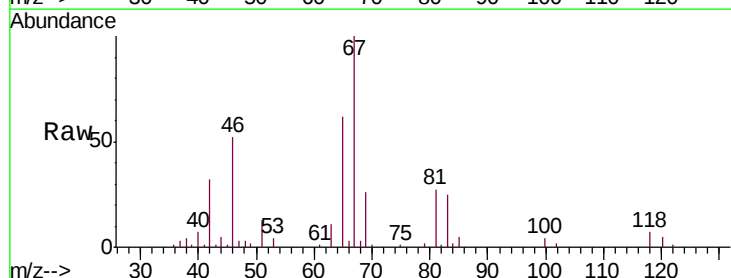
Tgt Ion: 83 Resp: 8823

Ion Ratio Lower Upper

83 100

55 0.8 63.6 95.4#

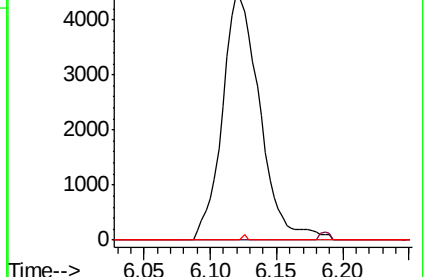
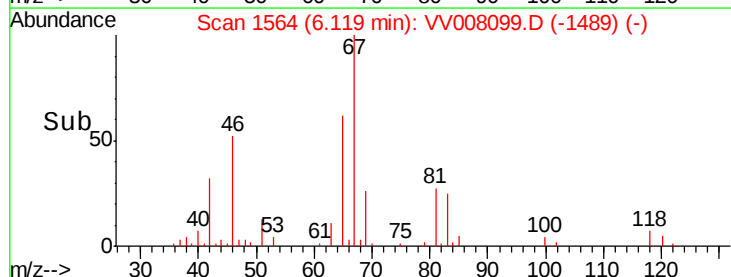
98 0.2 38.3 57.5#

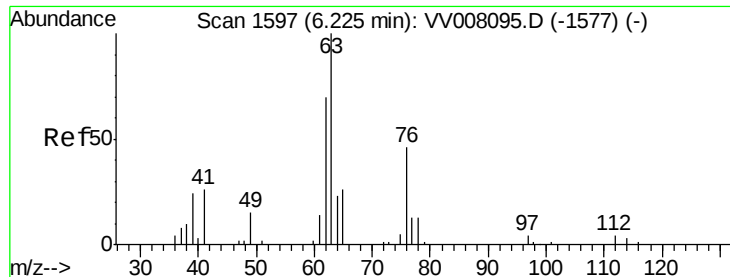


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

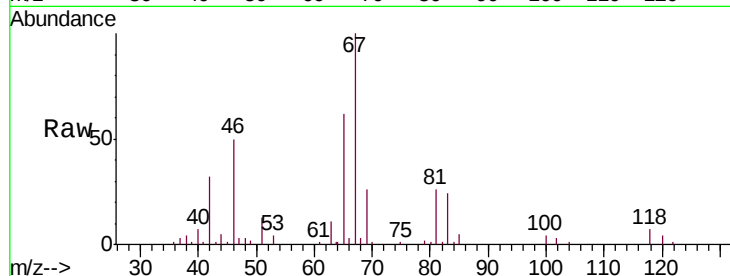
C0J85RE

Tgt Ion: 63 Resp: 4129

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008099.D (-1565) (-)

Ion 112.10 (111.80 to 112.80): VV008099.D (-1565) (-)

6.12

2500

2000

1500

1000

500

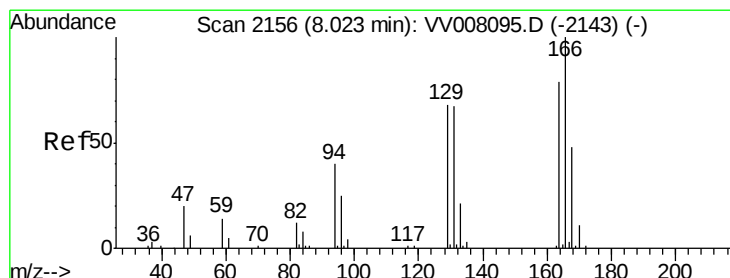
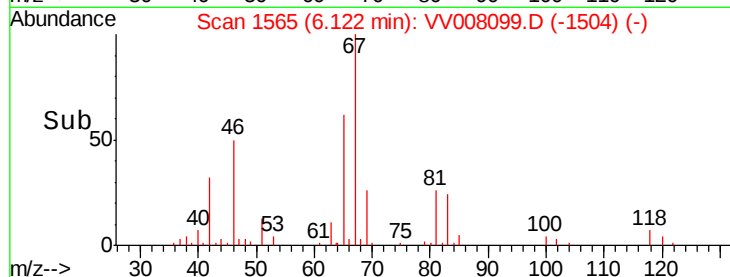
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Time-->

6.05

6.10

6.15



#47

Tetrachloroethene

Concen: 4.559 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

Tgt Ion: 164 Resp: 29952

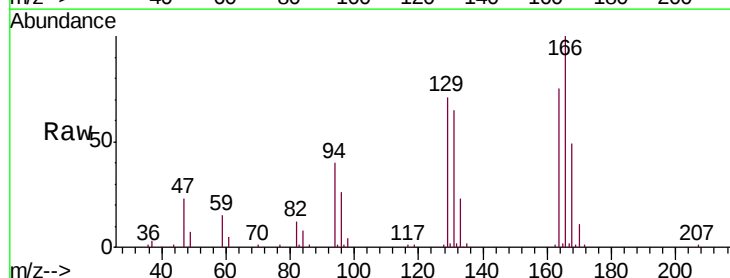
Ion Ratio Lower Upper

164 100

129 94.6 62.2 115.4

131 86.2 60.5 112.5

166 132.9 92.1 171.1



Abundance Ion 163.90 (163.60 to 164.60): VV008099.D (-2156) (-)

Ion 128.95 (128.65 to 129.65): VV008099.D (-2156) (-)

Ion 130.95 (130.65 to 131.65): VV008099.D (-2156) (-)

Ion 165.90 (165.60 to 166.60): VV008099.D (-2156) (-)

30000

20000

10000

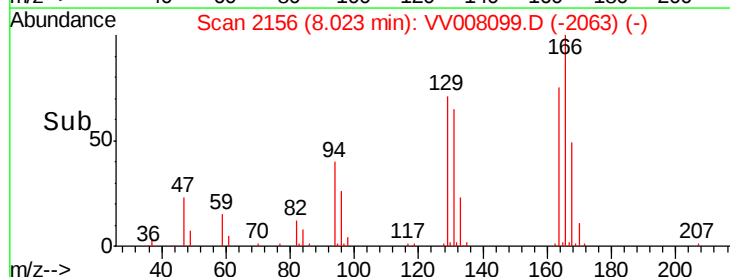
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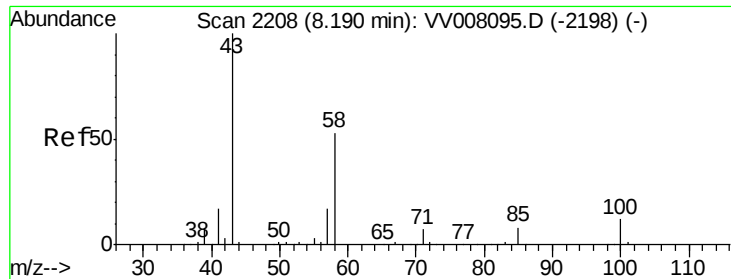
Time-->

7.95

8.00

8.05

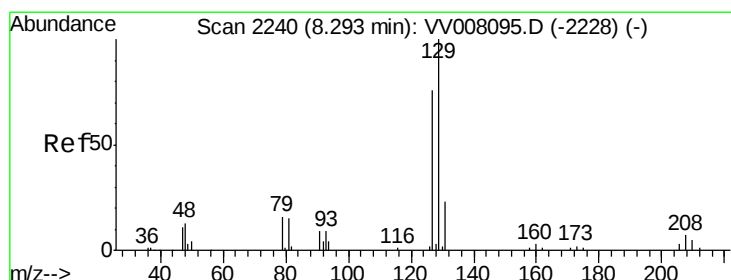
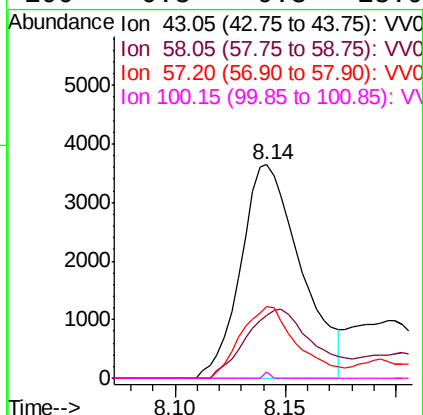
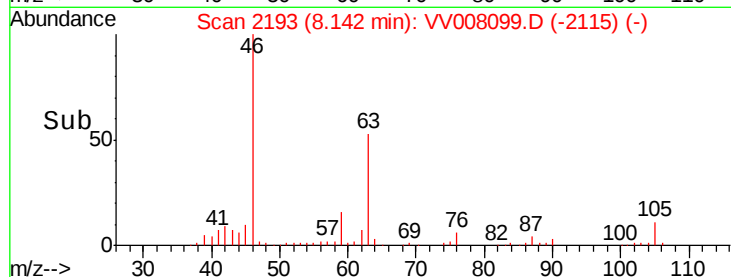
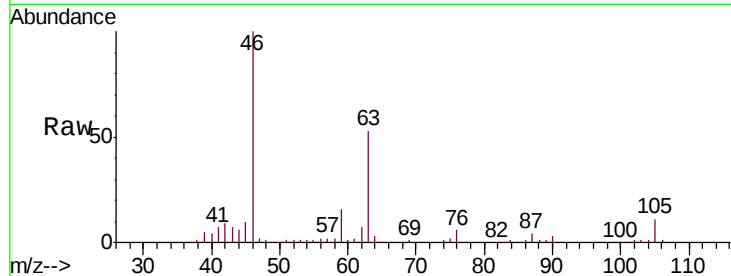




#48
2-Hexanone
Concen: 2.634 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008099.D
Acq: 05 Oct 2018 15:43

Instrument :
MSVOA_V
ClientSampleId :
C0J85RE

Tgt Ion: 43 Resp: 6893
Ion Ratio Lower Upper
43 100
58 36.5 40.5 60.7#
57 32.0 14.6 22.0#
100 0.3 9.3 13.9#



#49
Dibromochloromethane
Concen: 4.434 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008099.D
Acq: 05 Oct 2018 15:43

Tgt Ion: 129 Resp: 26392
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

