

Data File : VV008097.D
Acq On : 05 Oct 2018 14:48
Operator : SY/MD
Sample : J5246-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J74RE

Quant Time: Oct 06 01:04:22 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	125848	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	121650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31892	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.59	69	27020	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.14	63	48308	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	80560	43.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.70%
24) Chloroform-d	4.41	84	65460	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.09	65	33142	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.10	84	130084	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	40287	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.36	98	119662	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.67	79	13933	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.14	63	56895	41.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27209	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	48457	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

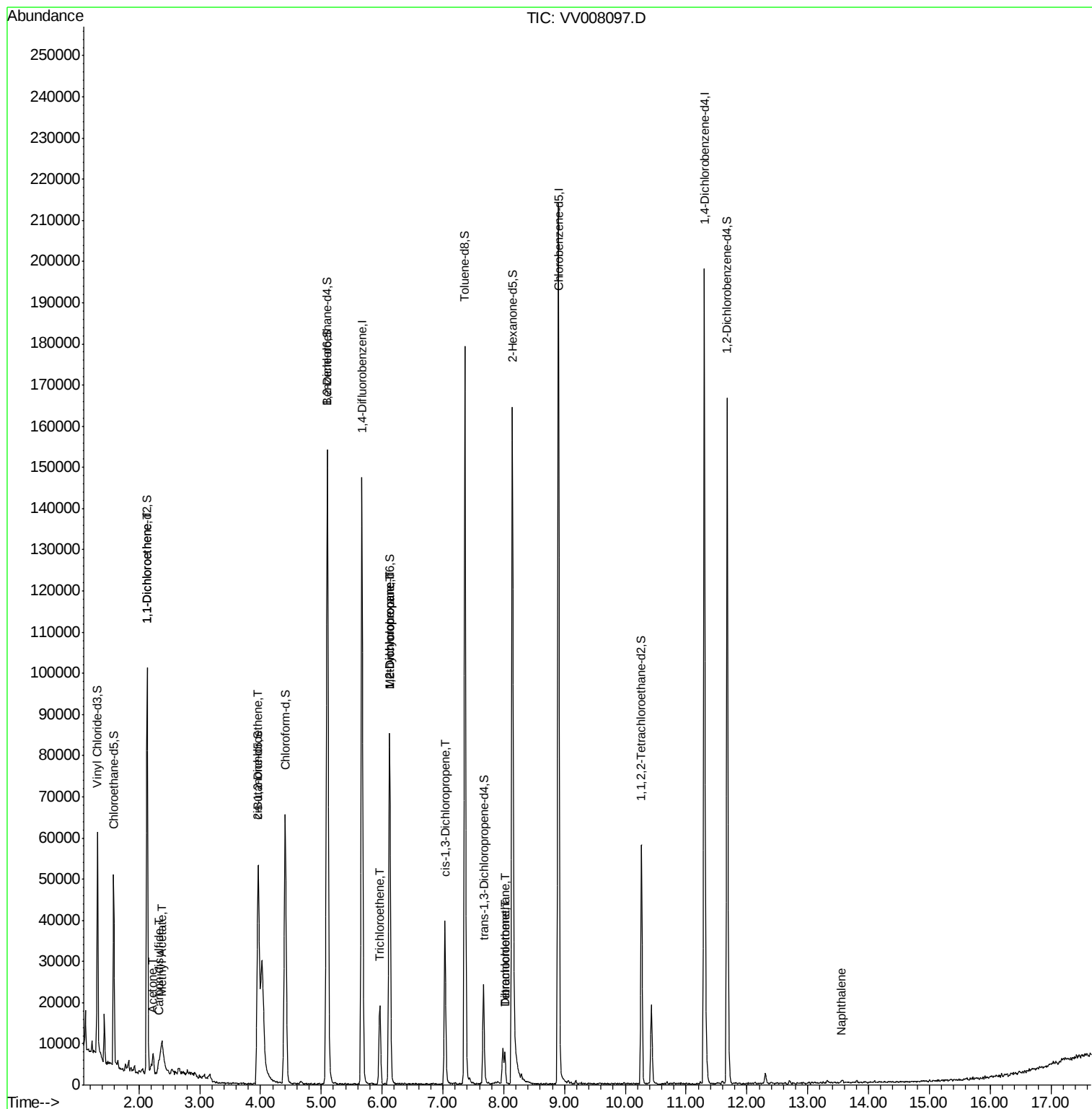
					Qvalue	
12) 1,1-Dichloroethene	2.14	96	1533	0.225	ug/L #	1
13) Acetone	2.22	43	2431	1.931	ug/L	97
14) Carbon disulfide	2.32	76	2589	0.149	ug/L #	88
15) Methyl Acetate	2.38	43	4804	1.607	ug/L #	53
22) cis-1,2-Dichloroethene	3.97	96	5050	0.602	ug/L	95
34) Trichloroethene	5.96	95	6313	0.705	ug/L	98
35) Methylcyclohexane	6.13	83	9863	0.788	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	4615	0.557	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1030	0.097	ug/L #	50
47) Tetrachloroethene	8.02	164	1617	0.202	ug/L	95
49) Dibromochloromethane	8.02	129	1520	0.210	ug/L #	10
69) Naphthalene	13.56	128	1309	0.093	ug/L #	70

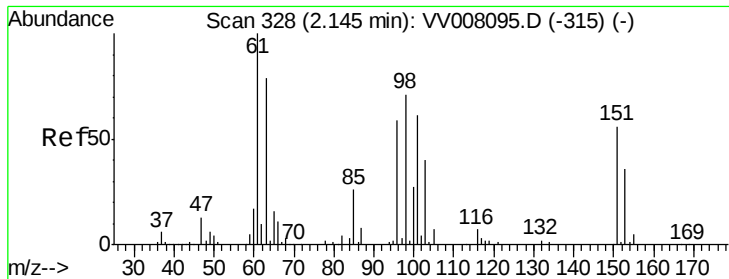
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.225 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008097.D

Acq: 05 Oct 2018 14:48

Instrument :

MSVOA_V

ClientSampleId :

C0J74RE

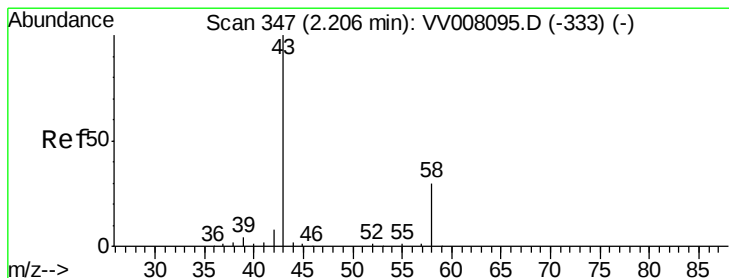
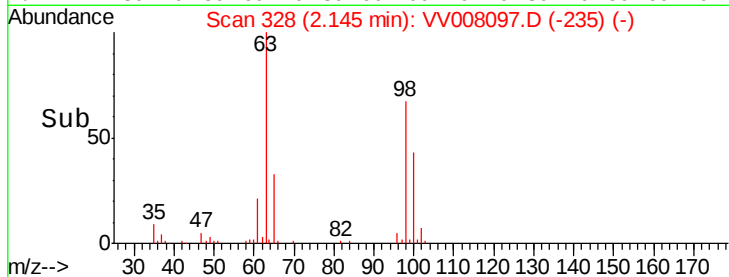
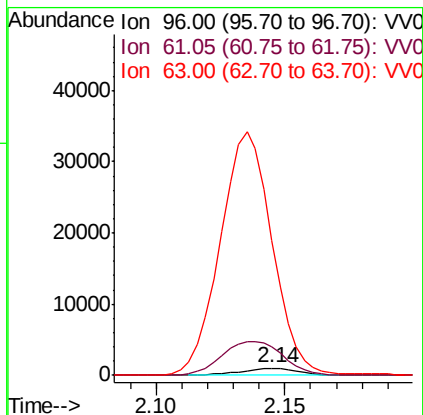
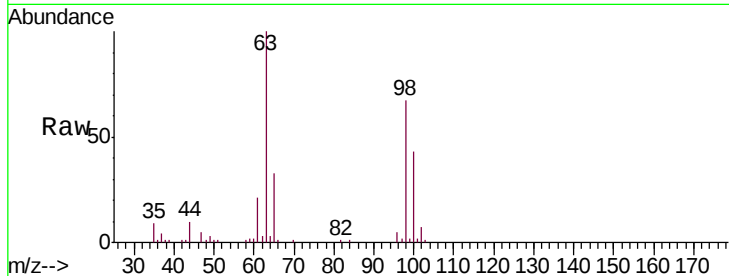
Tgt Ion: 96 Resp: 1533

Ion Ratio Lower Upper

96 100

61 383.9 114.7 213.1#

63 1845.2 96.9 179.9#



#13

Acetone

Concen: 1.931 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV008097.D

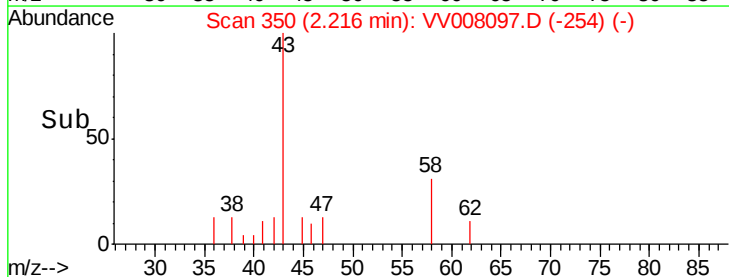
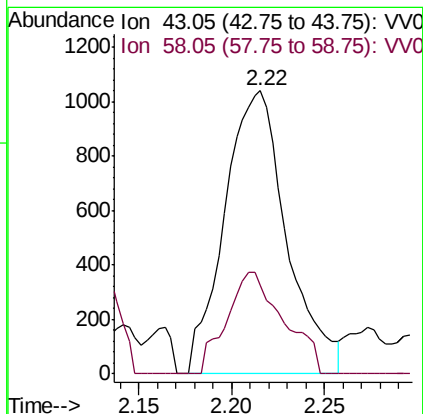
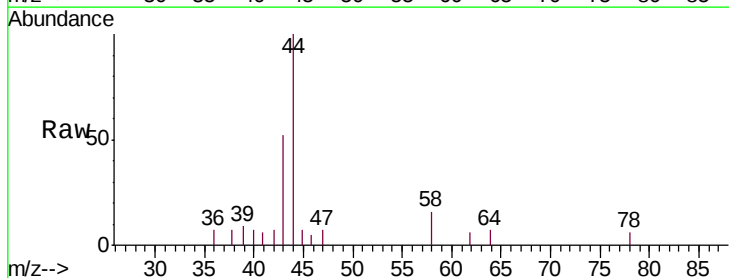
Acq: 05 Oct 2018 14:48

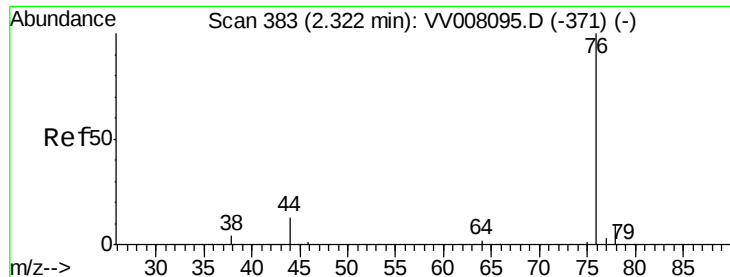
Tgt Ion: 43 Resp: 2431

Ion Ratio Lower Upper

43 100

58 32.7 0.0 62.2





#14

Carbon disulfide

Concen: 0.149 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008097.D

Acq: 05 Oct 2018 14:48

Instrument :

MSVOA_V

ClientSampleId :

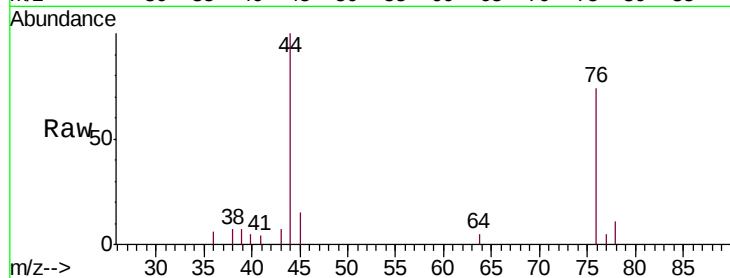
C0J74RE

Tgt Ion: 76 Resp: 2589

Ion Ratio Lower Upper

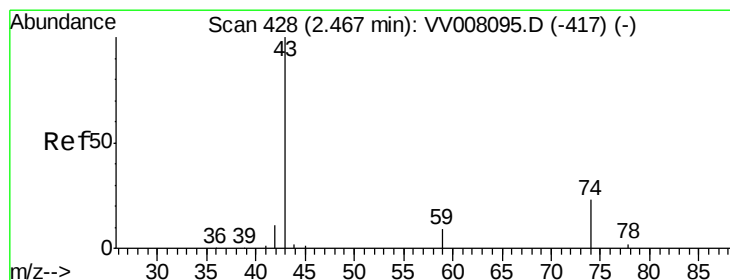
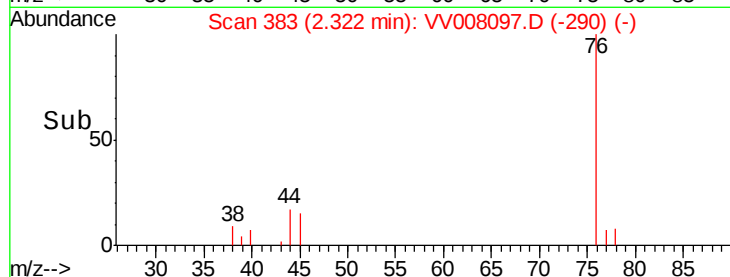
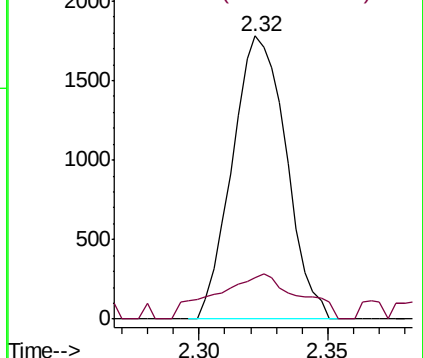
76 100

78 14.6 8.0 12.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 1.607 ug/L

RT: 2.38 min Scan# 400

Delta R.T. -0.09 min

Lab File: VV008097.D

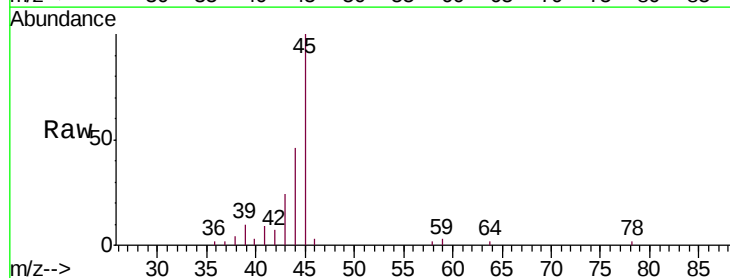
Acq: 05 Oct 2018 14:48

Tgt Ion: 43 Resp: 4804

Ion Ratio Lower Upper

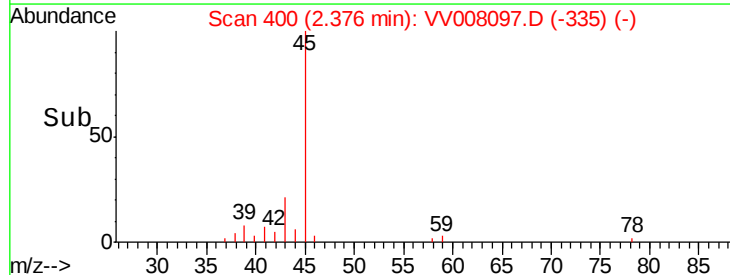
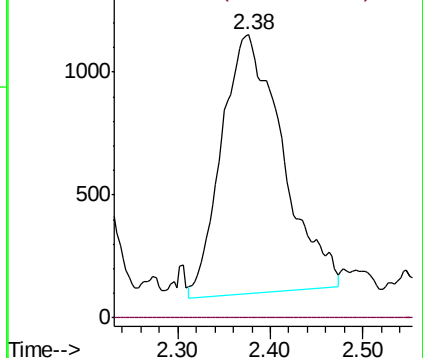
43 100

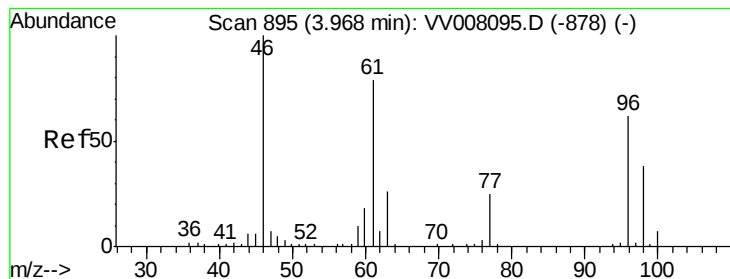
74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



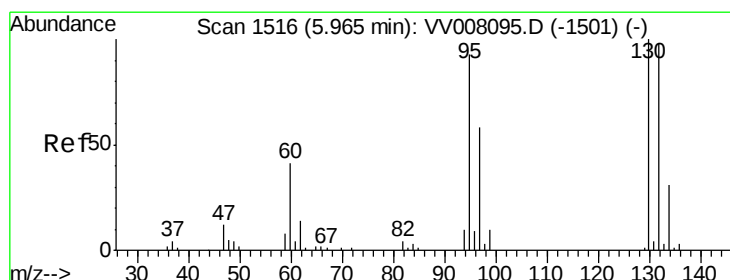
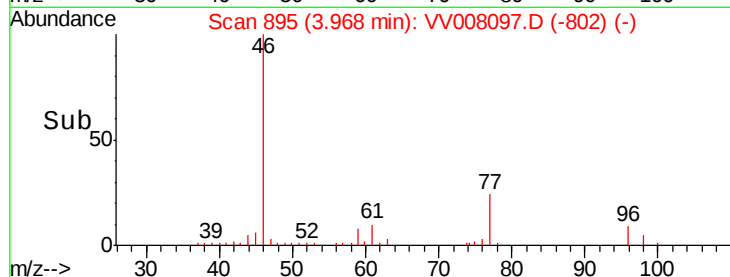
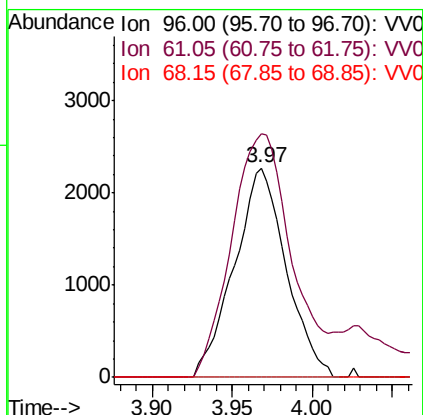
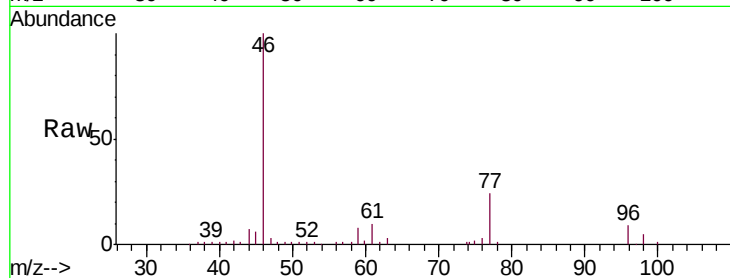


#22

cis-1,2-Dichloroethene
Concen: 0.602 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008097.D
Acq: 05 Oct 2018 14:48

Instrument :
MSVOA_V
ClientSampleId :
C0J74RE

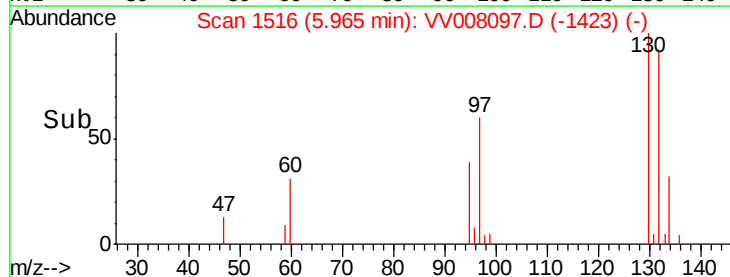
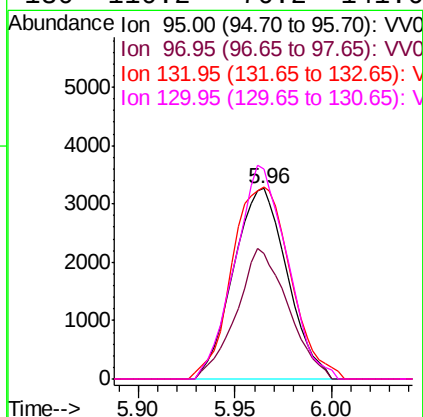
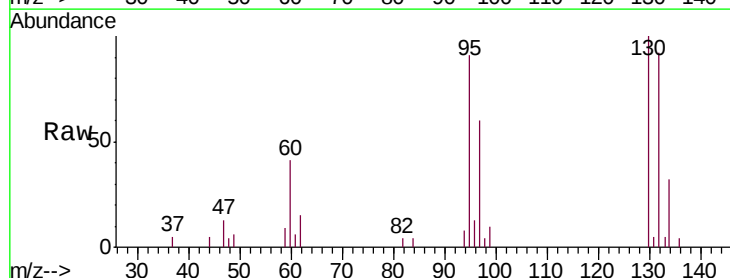
Tgt Ion: 96 Resp: 5050
Ion Ratio Lower Upper
96 100
61 116.4 85.1 158.1
68 0.0 0.0 0.0

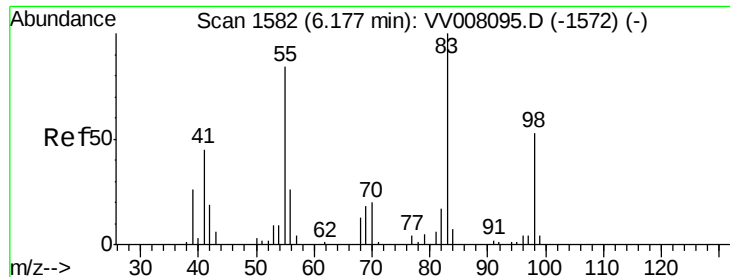


#34

Trichloroethene
Concen: 0.705 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV008097.D
Acq: 05 Oct 2018 14:48

Tgt Ion: 95 Resp: 6313
Ion Ratio Lower Upper
95 100
97 65.9 44.9 83.5
132 101.0 73.6 136.6
130 110.2 76.2 141.6

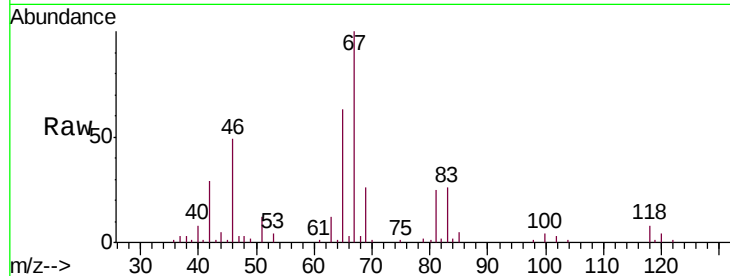




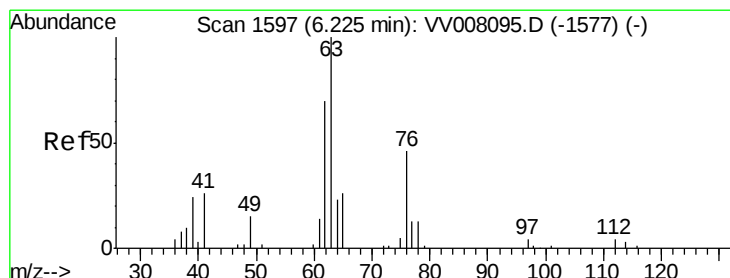
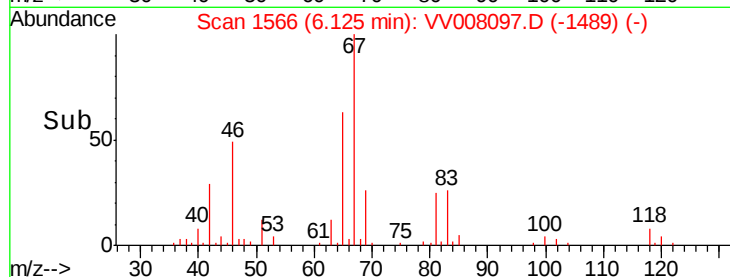
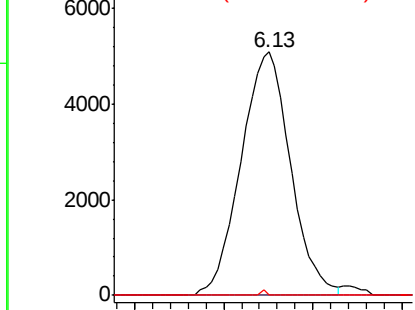
#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008097.D
Acq: 05 Oct 2018 14:48

Instrument :
MSVOA_V
ClientSampleId :
C0J74RE

Tgt Ion: 83 Resp: 9863
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.2 38.3 57.5#

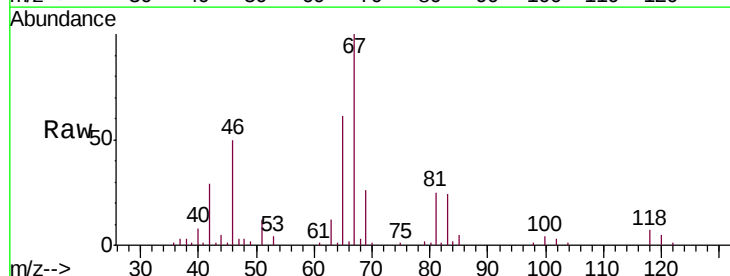


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

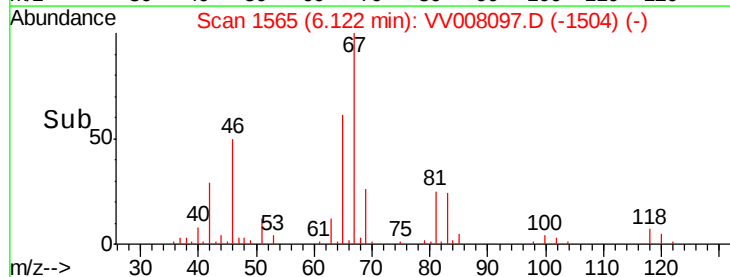
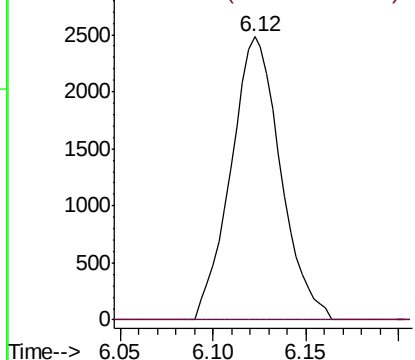


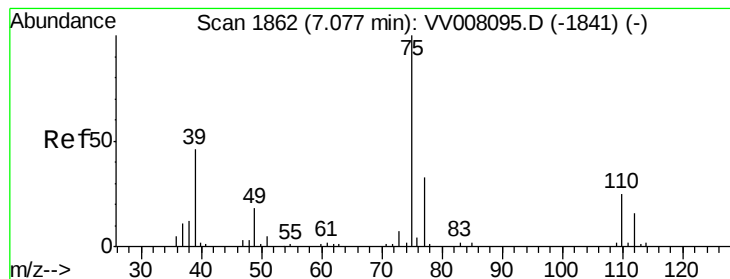
#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008097.D
Acq: 05 Oct 2018 14:48

Tgt Ion: 63 Resp: 4615
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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: 0.097 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.05 min

Lab File: VV008097.D

Acq: 05 Oct 2018 14:48

Instrument :

MSVOA_V

ClientSampleId :

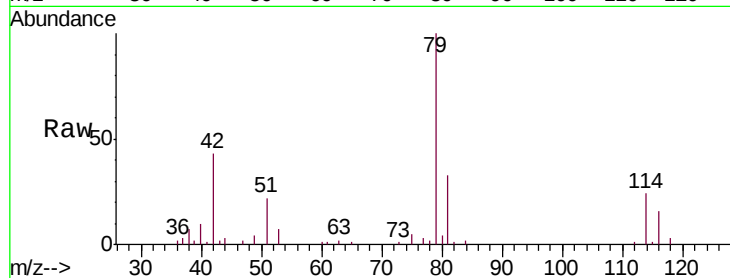
C0J74RE

Tgt Ion: 75 Resp: 1030

Ion Ratio Lower Upper

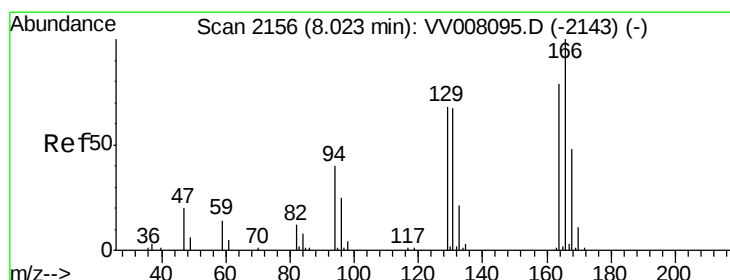
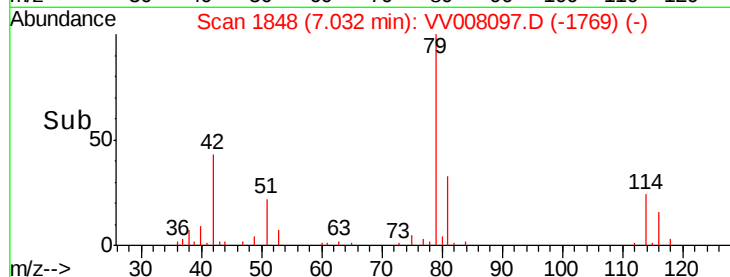
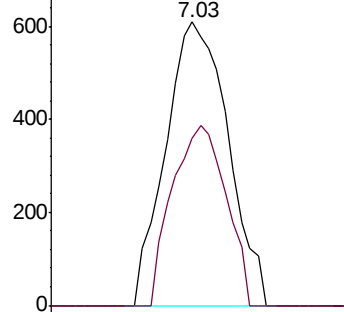
75 100

77 59.2 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.202 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008097.D

Acq: 05 Oct 2018 14:48

Tgt Ion:164 Resp: 1617

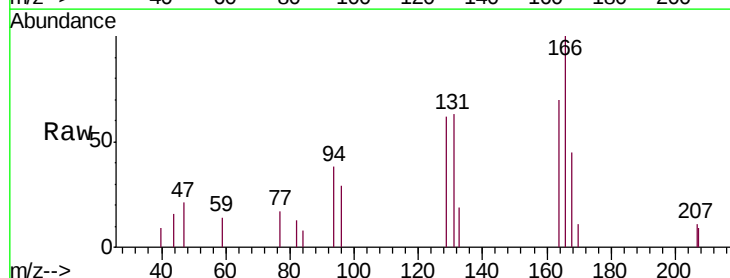
Ion Ratio Lower Upper

164 100

129 89.2 62.2 115.4

131 89.5 60.5 112.5

166 143.1 92.1 171.1

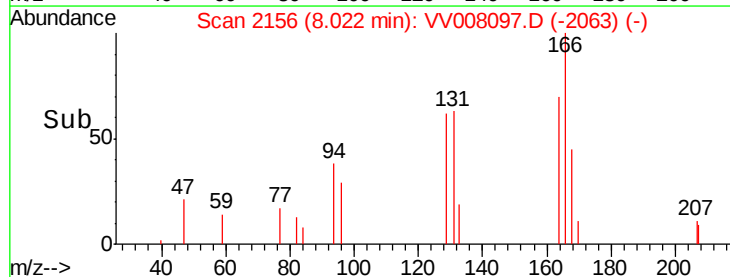
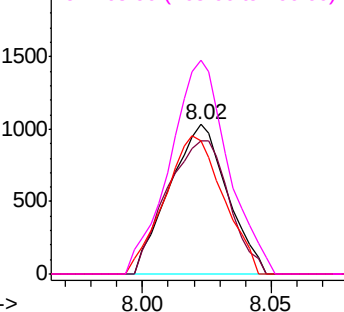


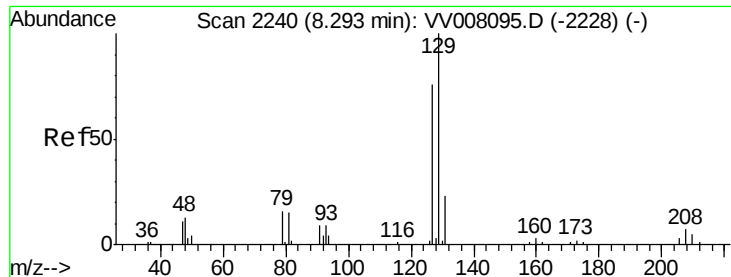
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 0.210 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008097.D

Acq: 05 Oct 2018 14:48

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ClientSampleId :

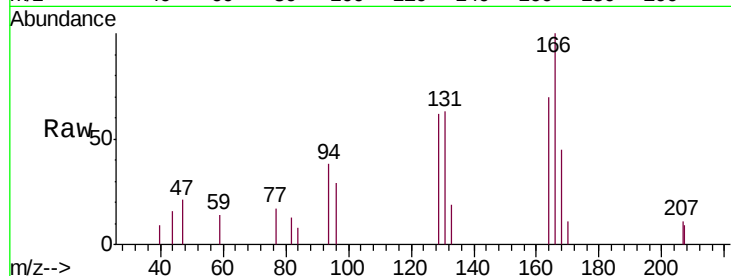
C0J74RE

Tgt Ion:129 Resp: 1520

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.02

1000

800

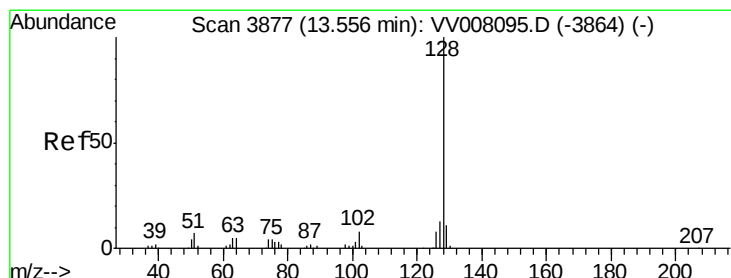
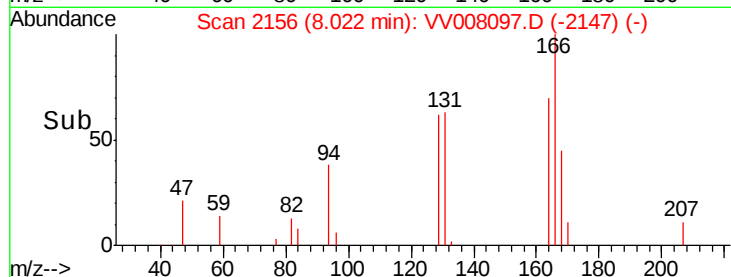
600

400

200

0

Time--> 7.98 8.00 8.02 8.04 8.06



#69

Naphthalene

Concen: 0.093 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV008097.D

Acq: 05 Oct 2018 14:48

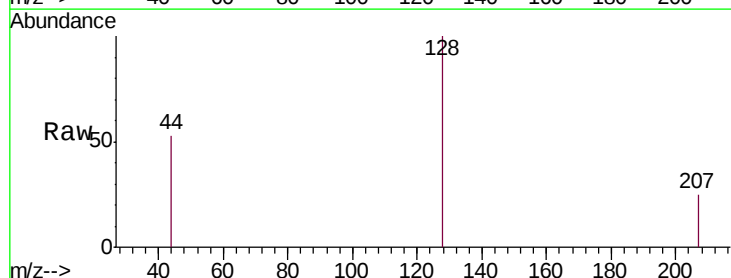
Tgt Ion:128 Resp: 1309

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 10.2 15.2#



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

800

600

400

200

0

Time--> 13.55 13.60

