

Data File : VV007041.D
Acq On : 16 Aug 2018 14:13
Operator : SY/MD
Sample : J4487-16DL 20X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0348DL

Quant Time: Aug 17 01:15:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 17 01:13:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	221552	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64672	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	54951	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.13	63	118383	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	3.97	46	137431	33.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.84%
24) Chloroform-d	4.41	84	128085	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.09	65	65419	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	247330	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	84597	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.37	98	184774	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.67	79	24663	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.15	63	70816	26.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	53.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	56363	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	62599	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

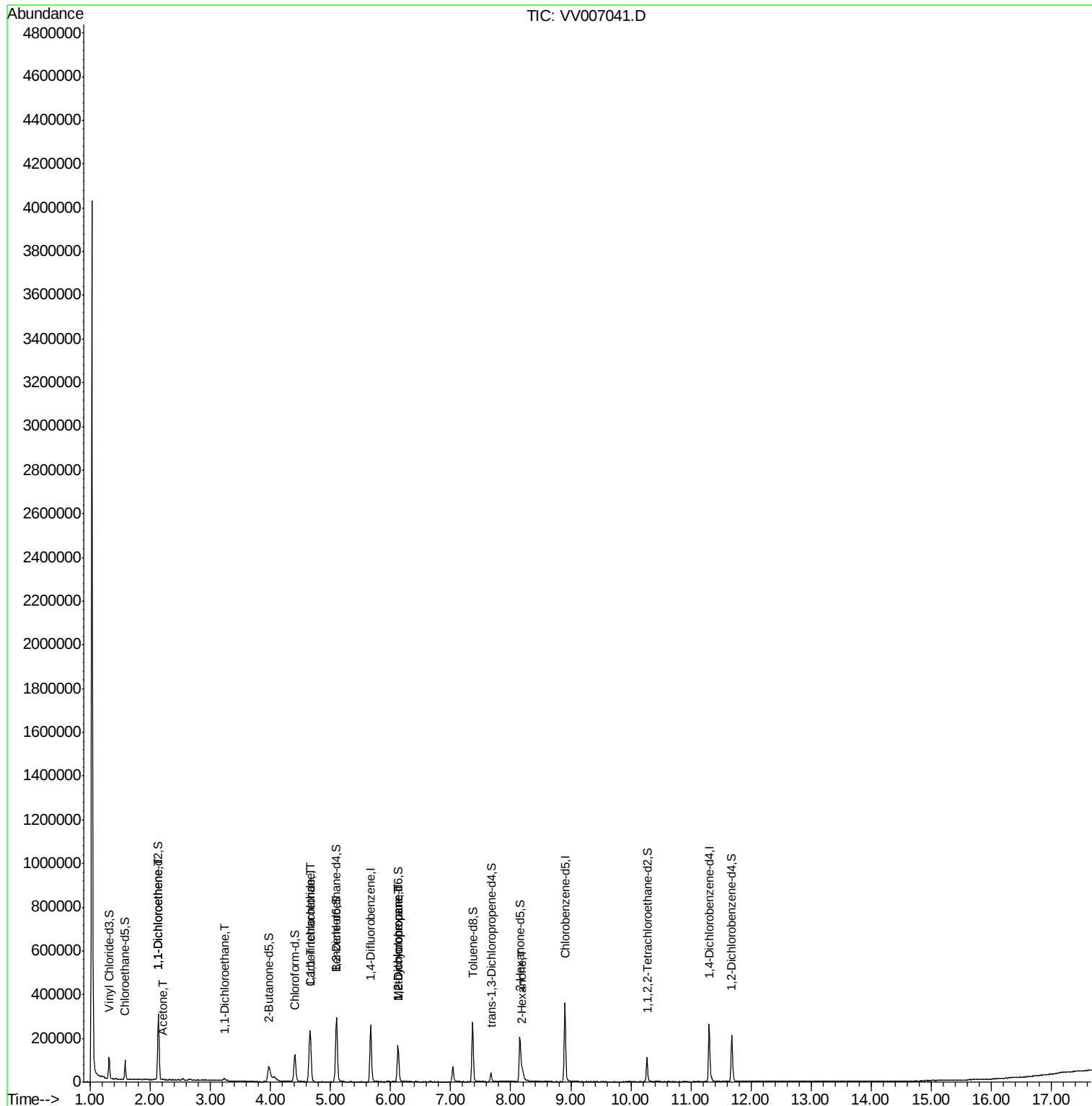
					Qvalue
12) 1,1-Dichloroethene	2.14	96	58042	3.648 ug/L	98
13) Acetone	2.21	43	579	0.273 ug/L	82
19) 1,1-Dichloroethane	3.23	63	7465	0.243 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	189405	6.732 ug/L	99
31) Carbon tetrachloride	4.66	117	24235	1.027 ug/L	92
35) Methylcyclohexane	6.12	83	18947	0.673 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8751	0.437 ug/L #	88
48) 2-Hexanone	8.20	43	20470	2.685 ug/L	92

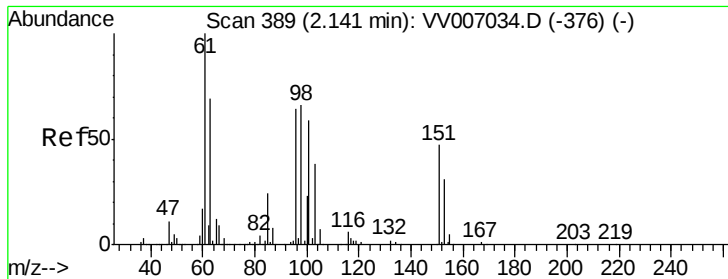
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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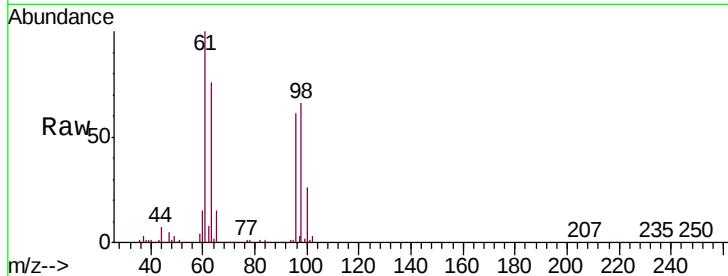




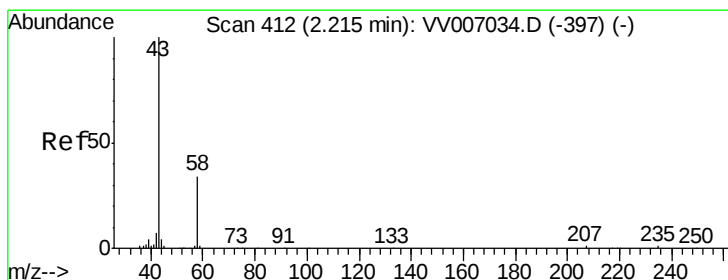
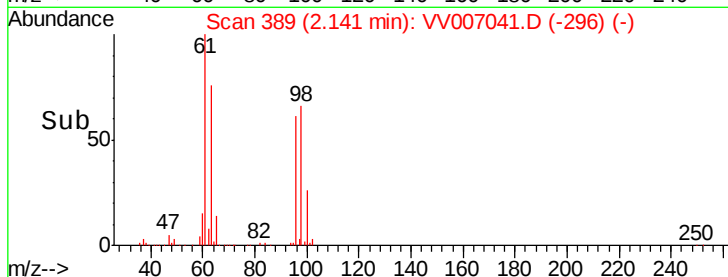
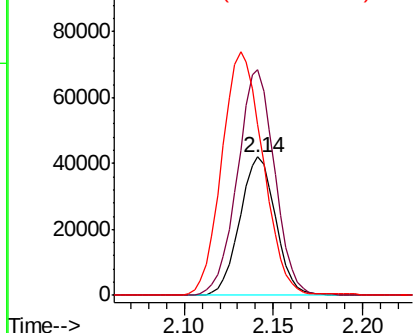
#12
 1,1-Dichloroethene
 Concen: 3.648 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VV007041.D
 Acq: 16 Aug 2018 14:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C0348DL

Tgt Ion: 96 Resp: 58042
 Ion Ratio Lower Upper
 96 100
 61 163.0 111.6 207.4
 63 123.7 84.9 157.7

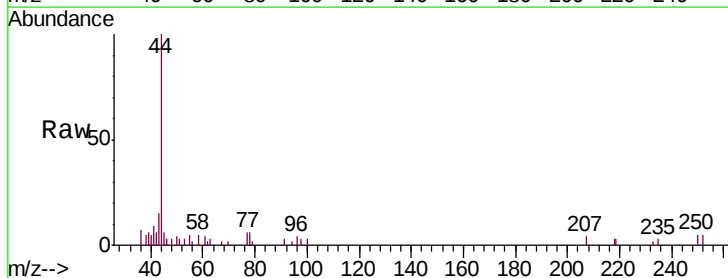


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

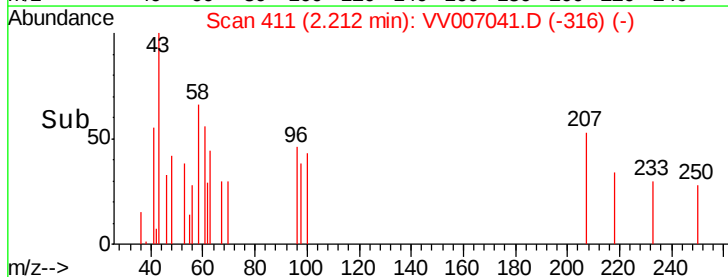
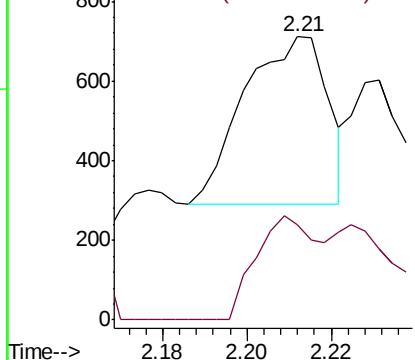


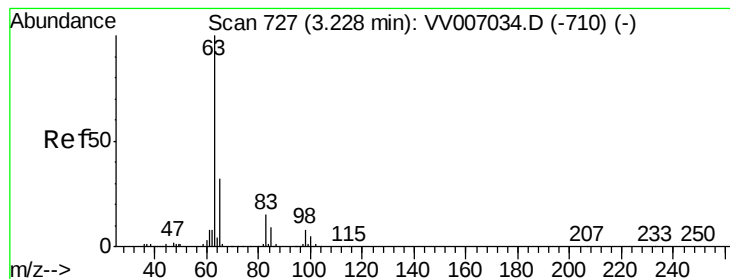
#13
 Acetone
 Concen: 0.273 ug/L
 RT: 2.21 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: VV007041.D
 Acq: 16 Aug 2018 14:13

Tgt Ion: 43 Resp: 579
 Ion Ratio Lower Upper
 43 100
 58 46.3 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0





#19

1,1-Dichloroethane

Concen: 0.243 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007041.D

Acq: 16 Aug 2018 14:13

Instrument :

MSVOA_V

ClientSampleId :

C0348DL

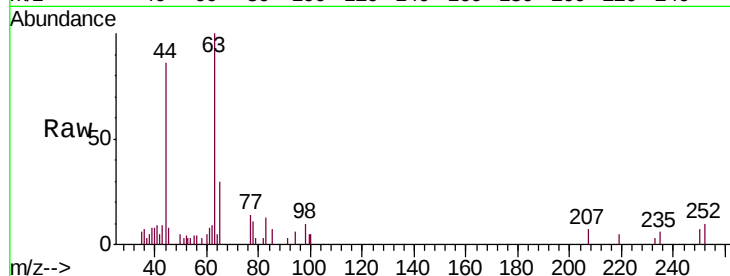
Tgt Ion: 63 Resp: 7465

Ion Ratio Lower Upper

63 100

65 30.0 21.7 40.3

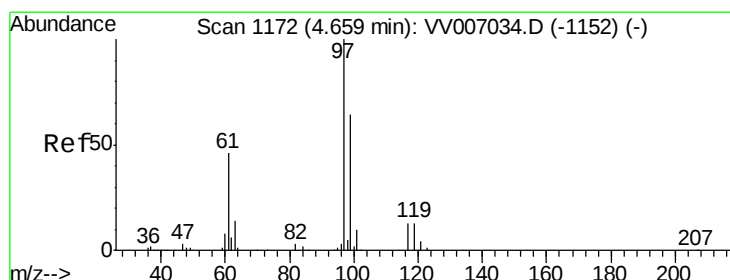
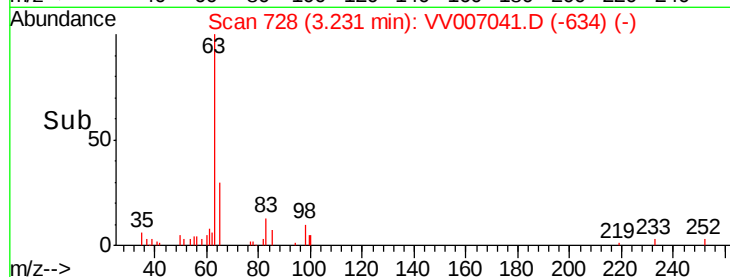
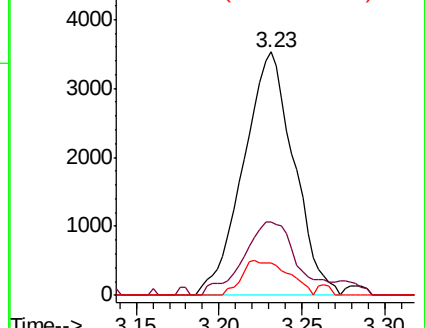
83 13.5 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#29

1,1,1-Trichloroethane

Concen: 6.732 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV007041.D

Acq: 16 Aug 2018 14:13

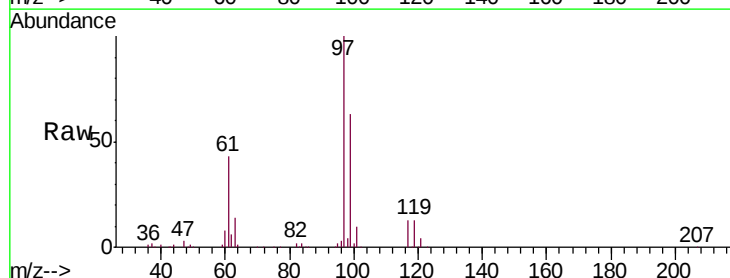
Tgt Ion: 97 Resp: 189405

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

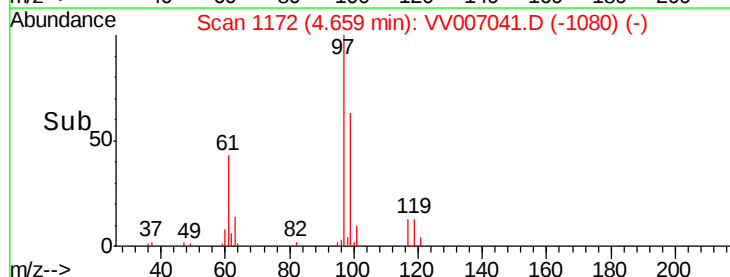
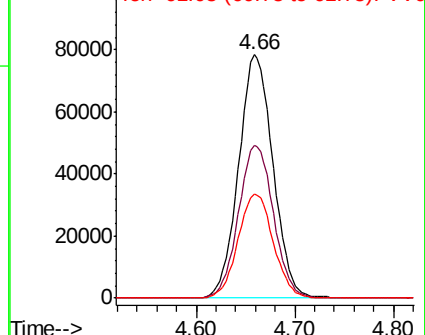
61 43.9 36.6 54.8

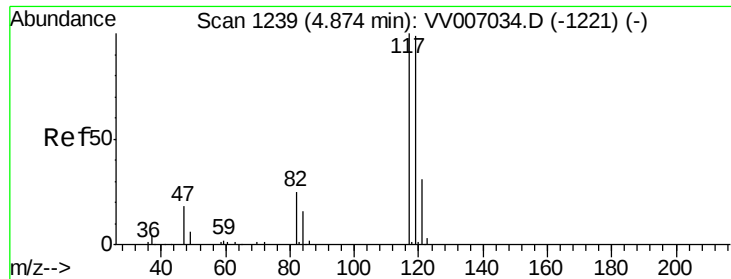


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

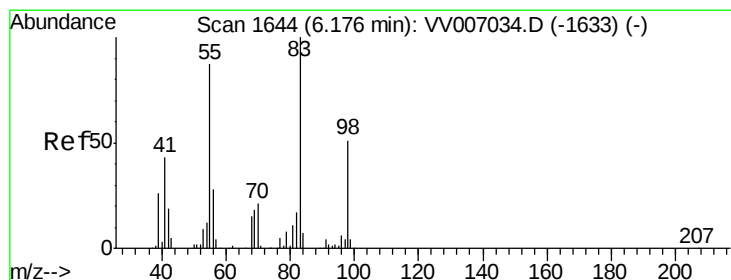
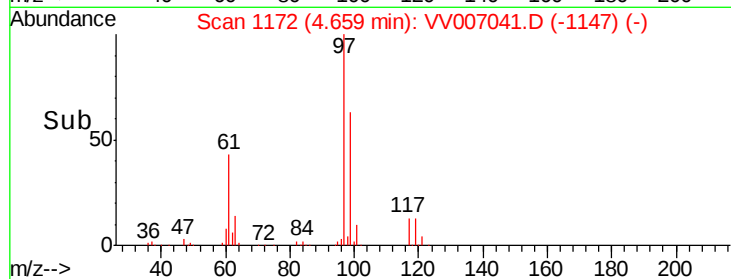
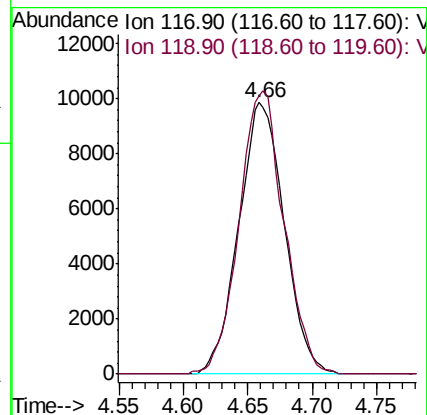
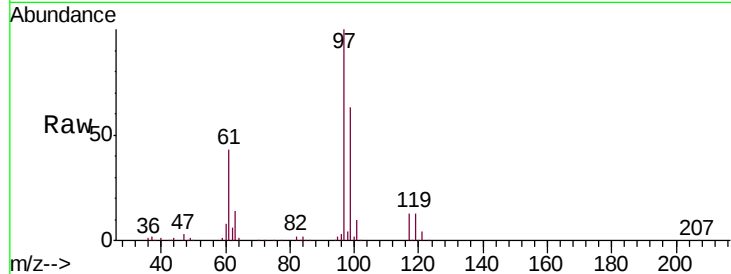




#31
Carbon tetrachloride
Concen: 1.027 ug/L
RT: 4.66 min Scan# 1172
Delta R.T. -0.22 min
Lab File: VV007041.D
Acq: 16 Aug 2018 14:13

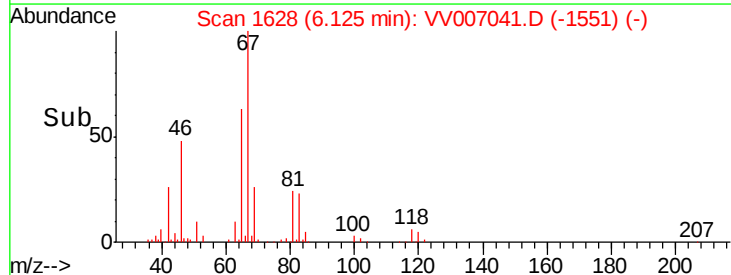
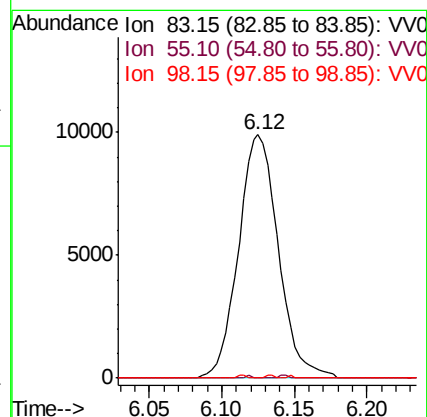
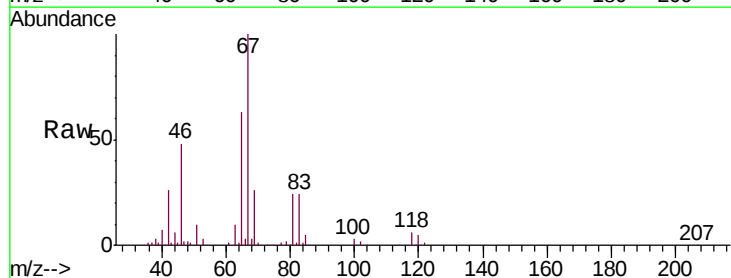
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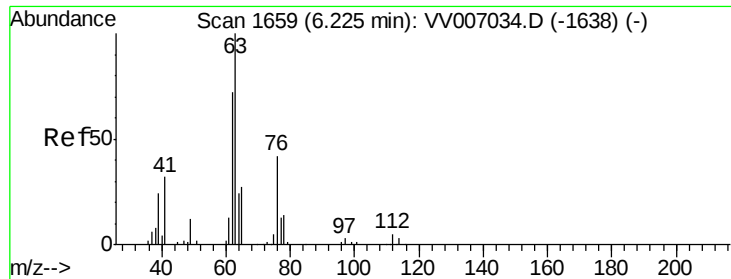
Tgt Ion: 117 Resp: 24235
Ion Ratio Lower Upper
117 100
119 102.6 76.2 114.4



#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007041.D
Acq: 16 Aug 2018 14:13

Tgt Ion: 83 Resp: 18947
Ion Ratio Lower Upper
83 100
55 0.1 68.1 102.1#
98 0.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.437 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007041.D

Acq: 16 Aug 2018 14:13

Instrument :

MSVOA_V

ClientSampleId :

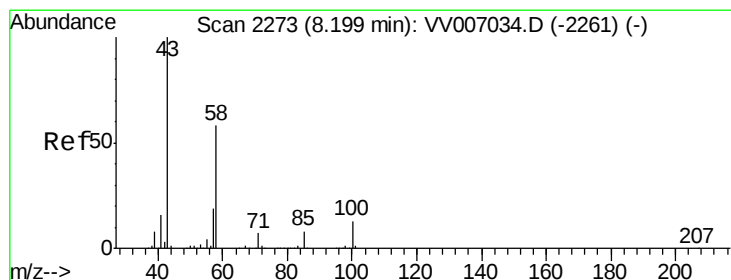
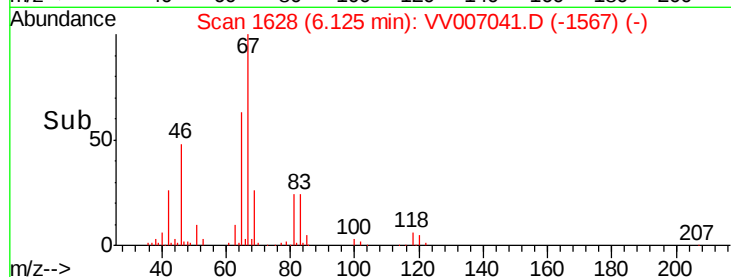
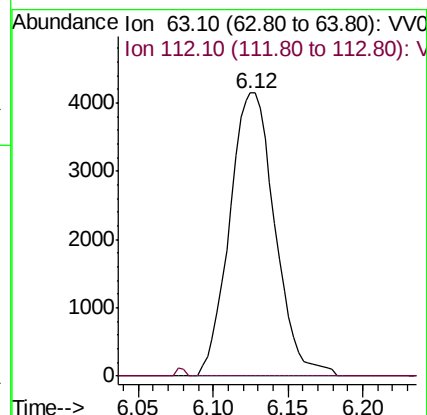
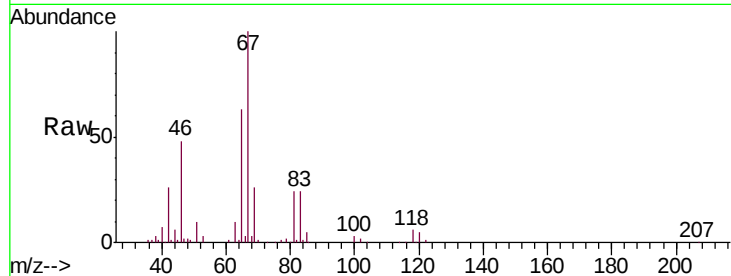
C0348DL

Tgt Ion: 63 Resp: 8751

Ion Ratio Lower Upper

63 100

112 0.5 3.5 5.3#



#48

2-Hexanone

Concen: 2.685 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007041.D

Acq: 16 Aug 2018 14:13

Tgt Ion: 43 Resp: 20470

Ion Ratio Lower Upper

43 100

58 47.6 44.2 66.2

57 16.6 14.8 22.2

100 10.8 8.8 13.2

