

Data File : VV007042.D
Acq On : 16 Aug 2018 14:40
Operator : SY/MD
Sample : J4487-17DL 20X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0349DL

Quant Time: Aug 17 01:15:35 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	223060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62737	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	54685	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	105208	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.97	46	161252	38.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.88%
24) Chloroform-d	4.41	84	127707	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	63847	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	245374	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	82028	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	179661	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.67	79	24763	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.15	63	69177	25.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	51.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	54636	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	61799	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

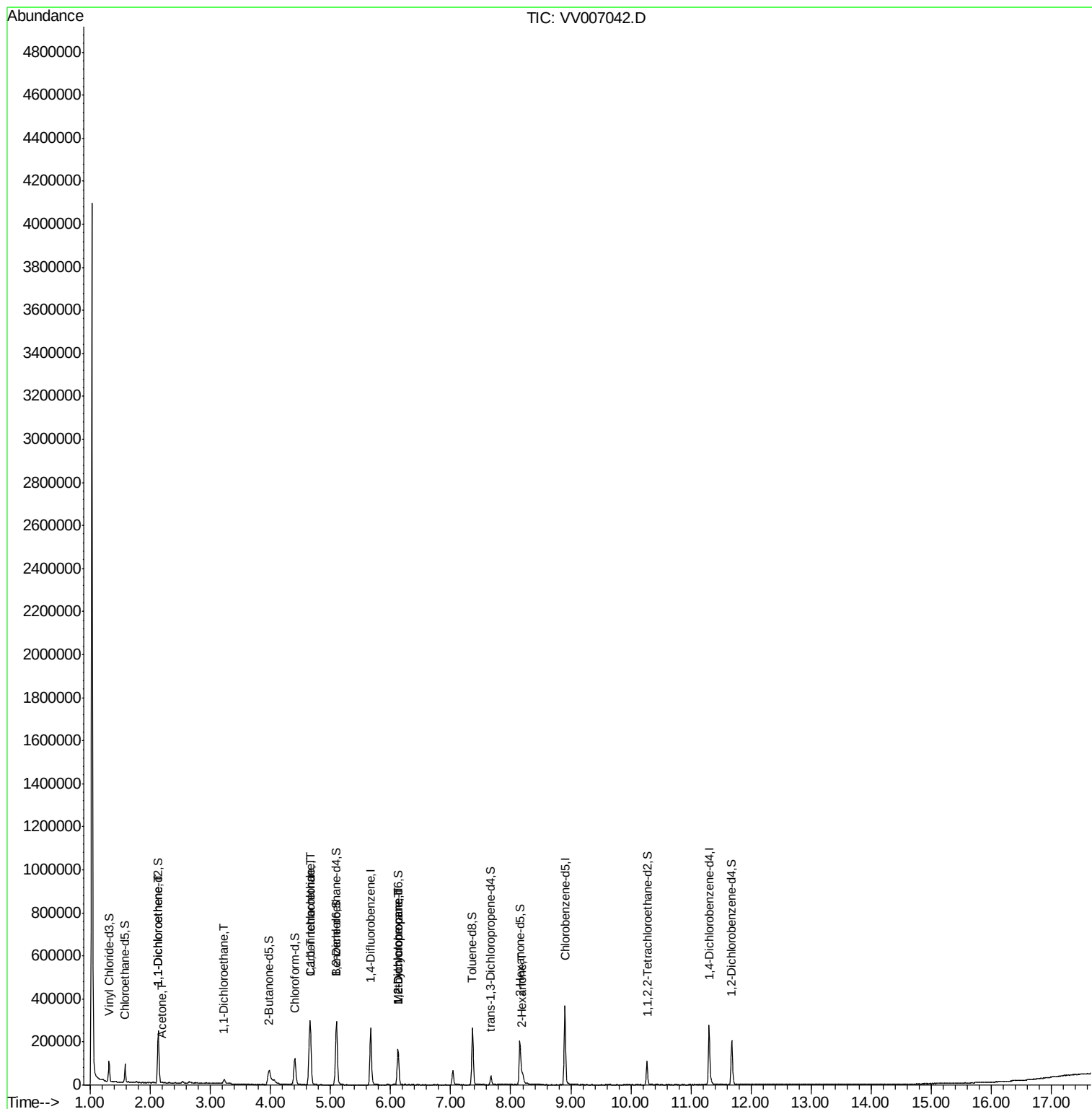
					Qvalue
12) 1,1-Dichloroethene	2.14	96	36927	2.305	ug/L 87
13) Acetone	2.21	43	620	0.291	ug/L 56
19) 1,1-Dichloroethane	3.23	63	18424	0.595	ug/L 93
29) 1,1,1-Trichloroethane	4.66	97	243835	8.511	ug/L 98
31) Carbon tetrachloride	4.66	117	32516	1.353	ug/L 98
35) Methylcyclohexane	6.12	83	19124	0.667	ug/L # 15
37) 1,2-Dichloropropane	6.12	63	8454	0.415	ug/L # 88
48) 2-Hexanone	8.20	43	19978	2.574	ug/L 94

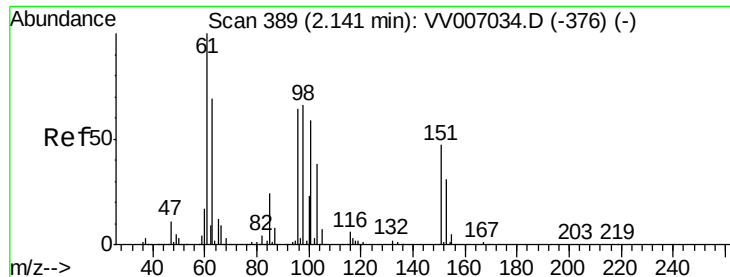
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.305 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007042.D

Acq: 16 Aug 2018 14:40

Instrument :

MSVOA_V

ClientSampled :

C0349DL

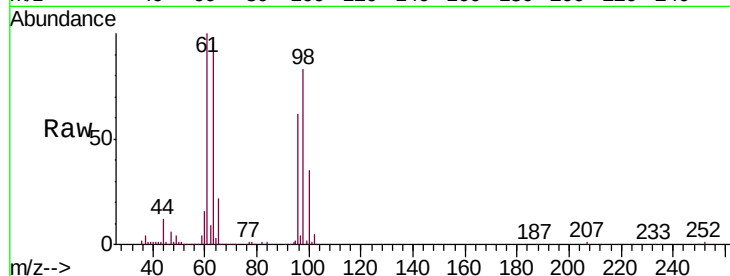
Tgt Ion: 96 Resp: 36927

Ion Ratio Lower Upper

96 100

61 160.2 111.6 207.4

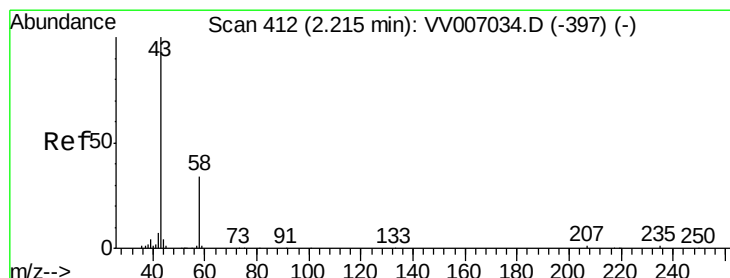
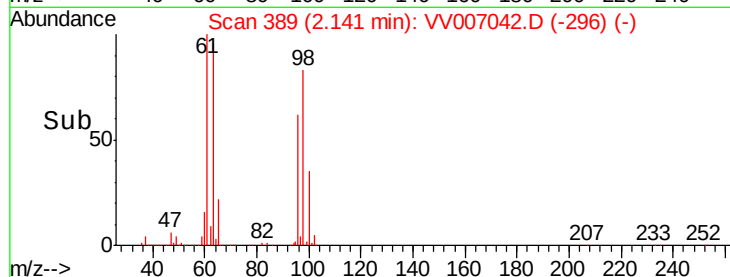
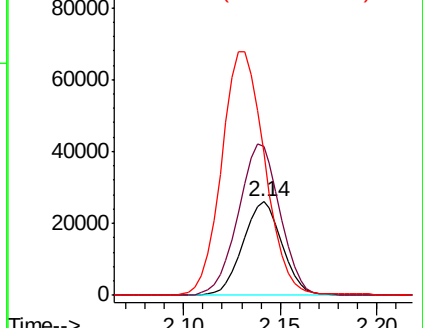
63 153.0 84.9 157.7



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: 0.291 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007042.D

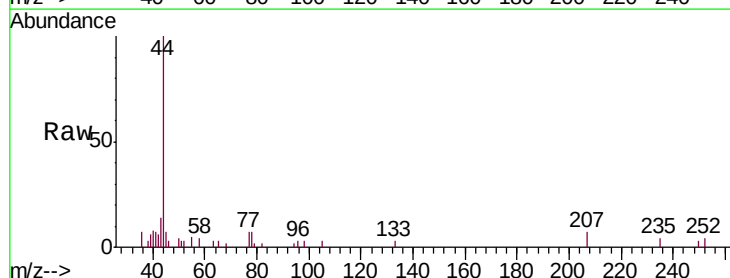
Acq: 16 Aug 2018 14:40

Tgt Ion: 43 Resp: 620

Ion Ratio Lower Upper

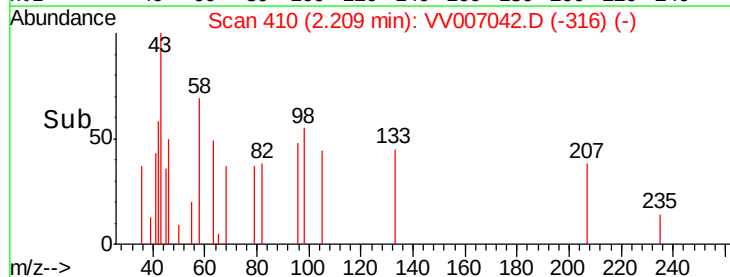
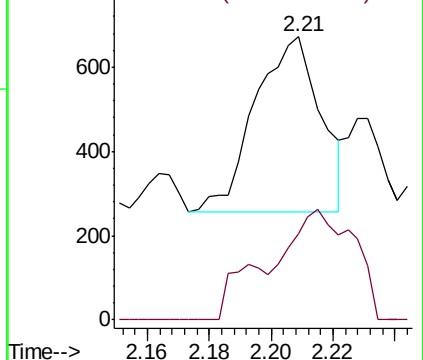
43 100

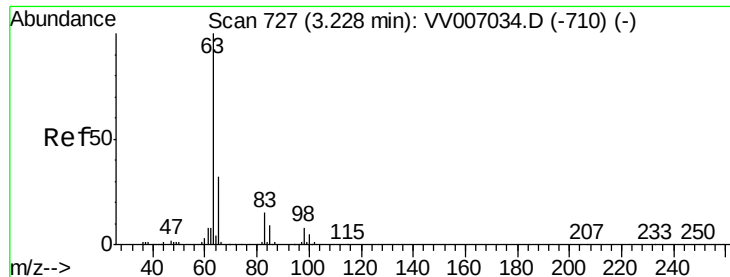
58 61.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

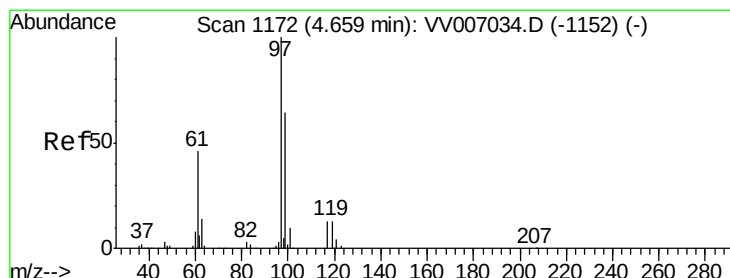
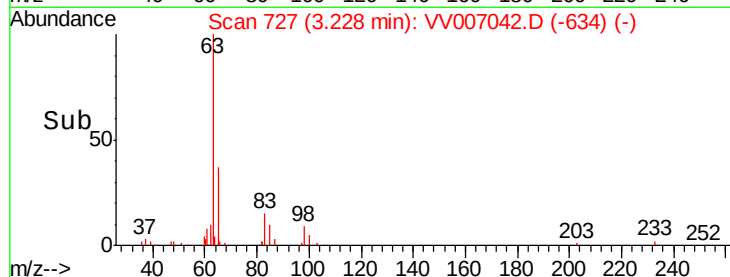
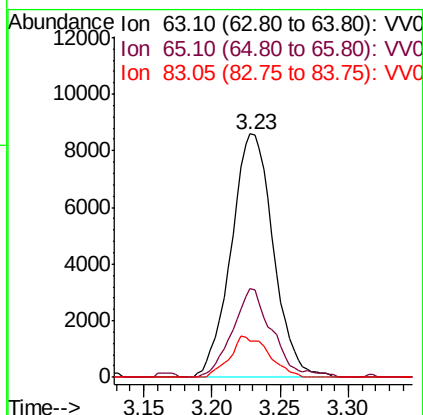
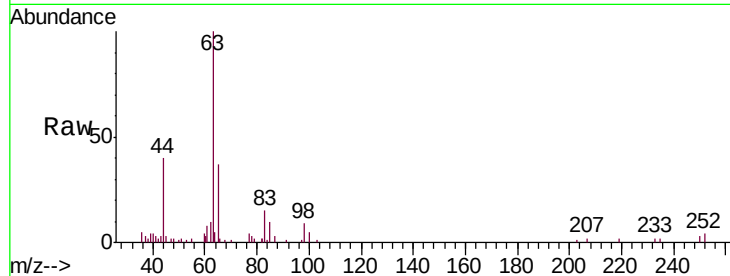




#19
 1,1-Dichloroethane
 Concen: 0.595 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VV007042.D
 Acq: 16 Aug 2018 14:40

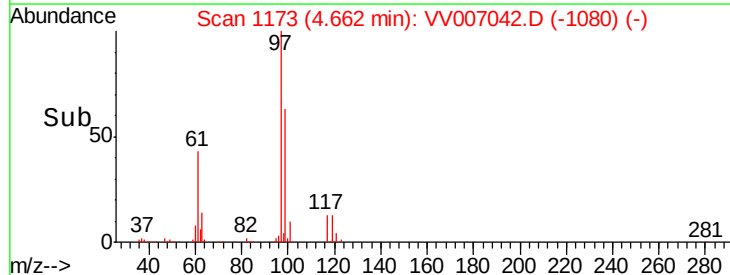
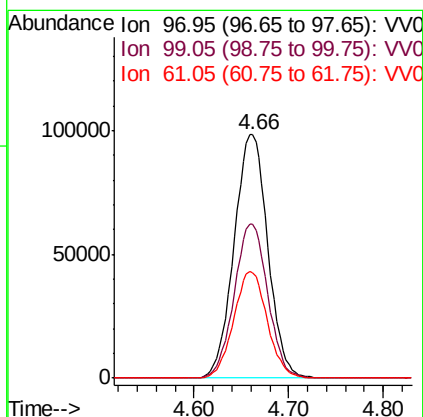
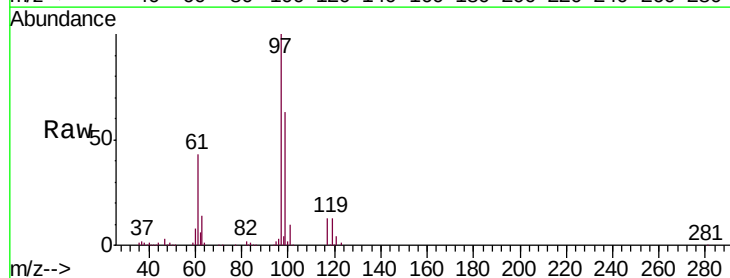
Instrument :
 MSVOA_V
 ClientSampleId :
 C0349DL

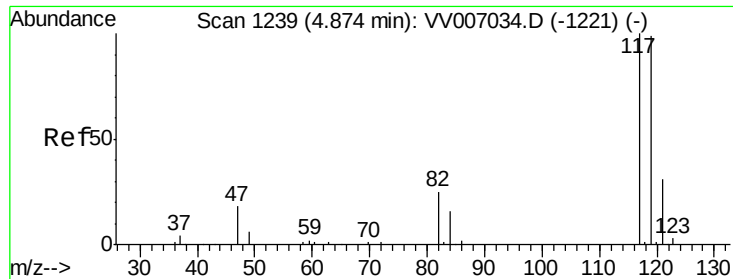
Tgt Ion:	63	Resp:	18424
Ion	Ratio	Lower	Upper
63	100		
65	36.6	21.7	40.3
83	15.0	10.0	18.6



#29
 1,1,1-Trichloroethane
 Concen: 8.511 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007042.D
 Acq: 16 Aug 2018 14:40

Tgt Ion:	97	Resp:	243835
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.6
61	43.7	36.6	54.8





#31

Carbon tetrachloride

Concen: 1.353 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.22 min

Lab File: VV007042.D

Acq: 16 Aug 2018 14:40

Instrument :

MSVOA_V

ClientSampleId :

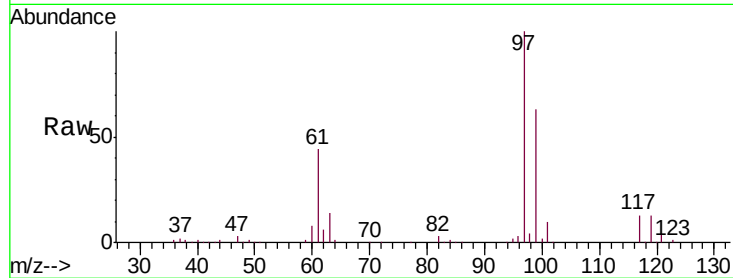
C0349DL

Tgt Ion:117 Resp: 32516

Ion Ratio Lower Upper

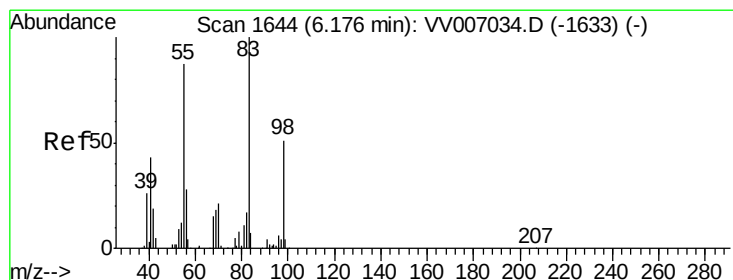
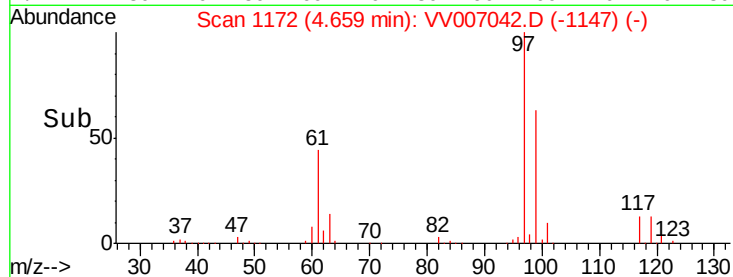
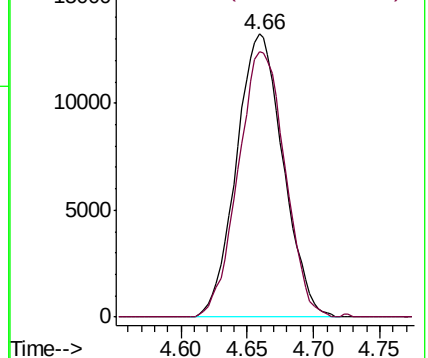
117 100

119 93.8 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007042.D

Acq: 16 Aug 2018 14:40

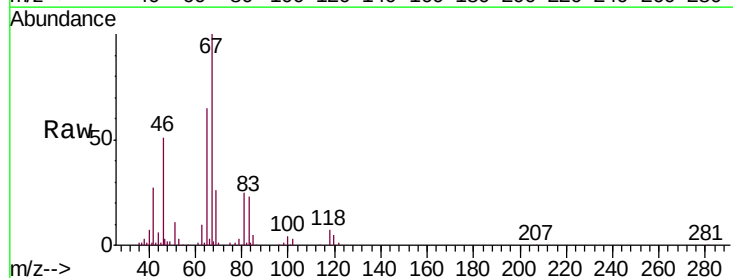
Tgt Ion: 83 Resp: 19124

Ion Ratio Lower Upper

83 100

55 0.1 68.1 102.1#

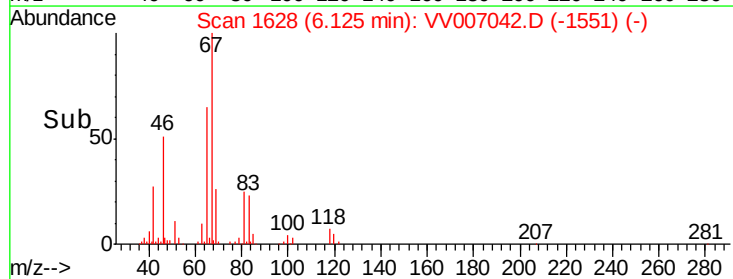
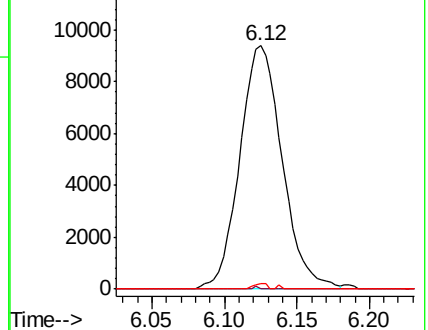
98 0.7 37.9 56.9#

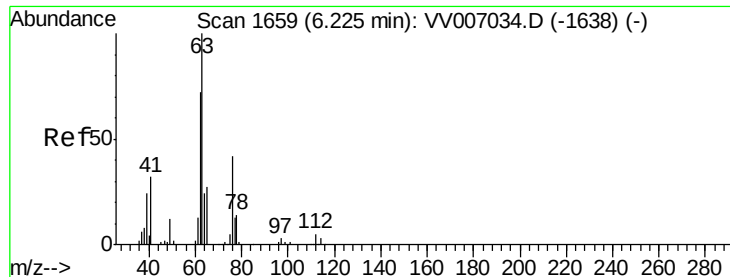


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

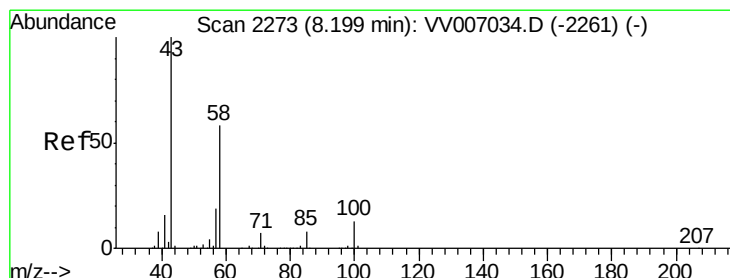
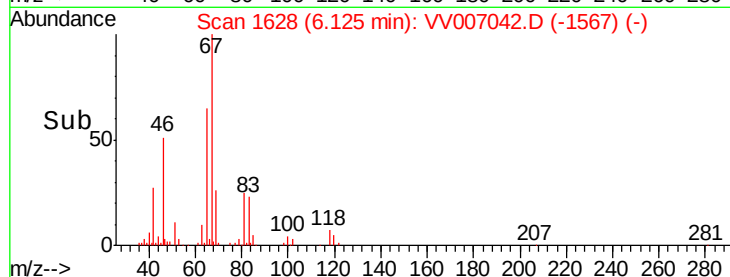
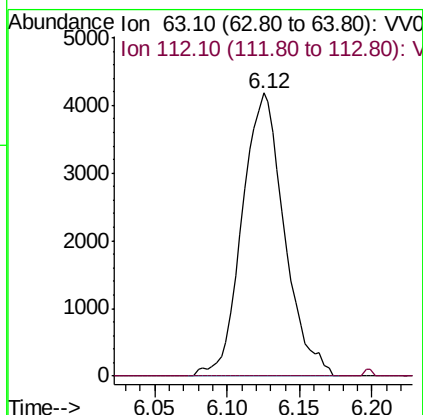
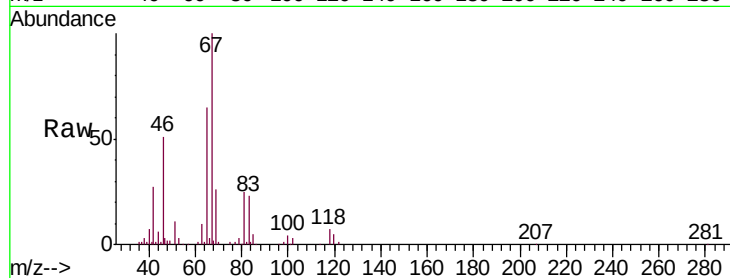




#37
 1,2-Dichloropropane
 Concen: 0.415 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007042.D
 Acq: 16 Aug 2018 14:40

Instrument :
 MSVOA_V
 ClientSampleID :
 C0349DL

Tgt Ion: 63 Resp: 8454
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.5 5.3#



#48
 2-Hexanone
 Concen: 2.574 ug/L
 RT: 8.20 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: VV007042.D
 Acq: 16 Aug 2018 14:40

Tgt Ion: 43 Resp: 19978
 Ion Ratio Lower Upper
 43 100
 58 50.0 44.2 66.2
 57 21.4 14.8 22.2
 100 11.2 8.8 13.2

