

Data File : VV007036.D
Acq On : 16 Aug 2018 12:00
Operator : SY/MD
Sample : J4487-18DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0350DL

Quant Time: Aug 17 01:14:49 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	226635	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	216827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81853	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69078	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	57213	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	102630	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.97	46	136655	32.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.96%
24) Chloroform-d	4.40	84	131460	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.09	65	64711	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.10	84	250945	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.12	67	84765	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	189978	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.67	79	25406	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.15	63	67301	24.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	49.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57040	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	63938	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

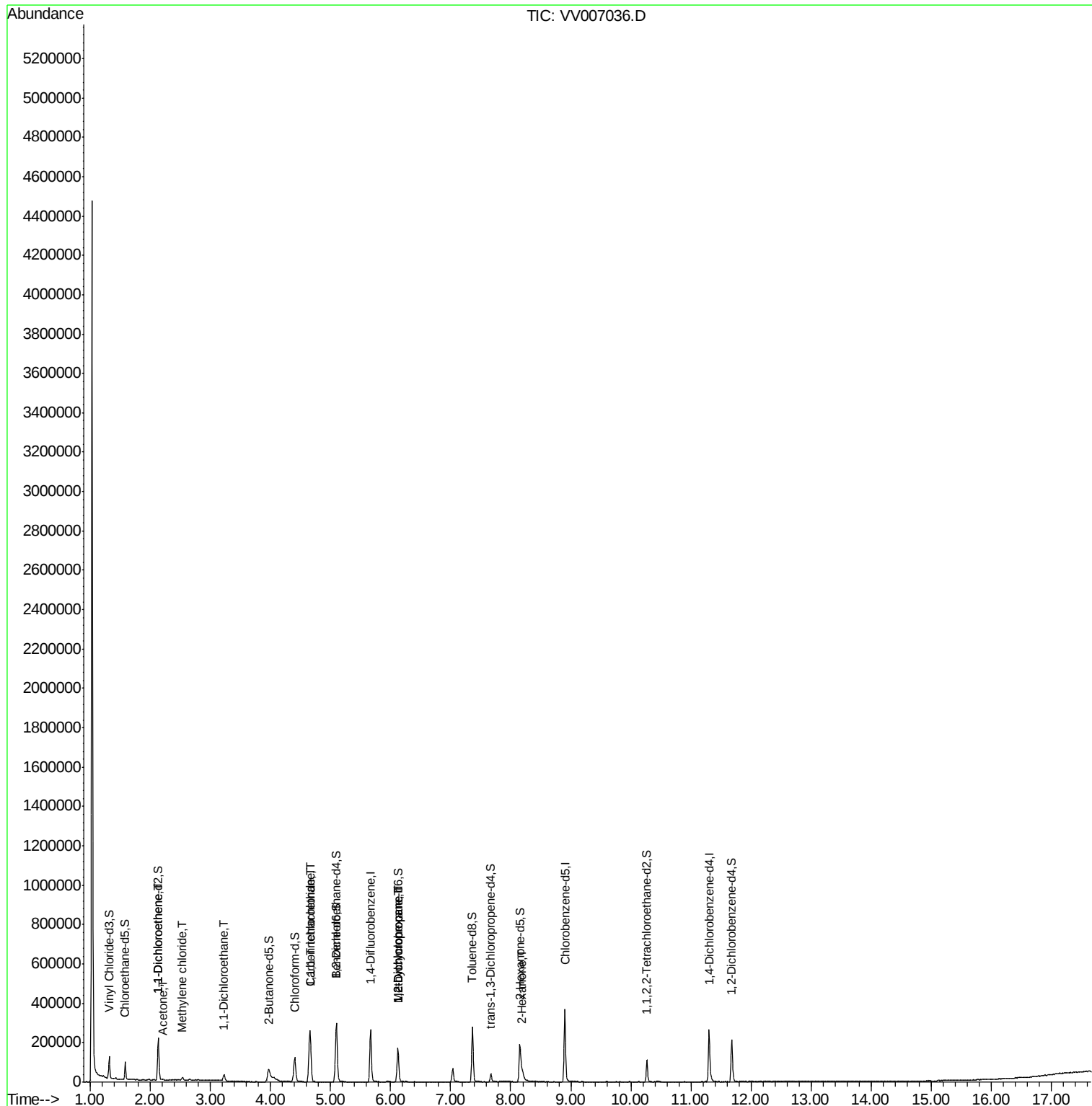
					Qvalue
12) 1,1-Dichloroethene	2.14	96	20390	1.253 ug/L #	56
13) Acetone	2.21	43	898	0.415 ug/L	86
16) Methylene chloride	2.54	84	6067	0.309 ug/L	91
19) 1,1-Dichloroethane	3.23	63	29512	0.938 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	207330	7.171 ug/L	99
31) Carbon tetrachloride	4.66	117	27547	1.136 ug/L	99
35) Methylcyclohexane	6.12	83	19547	0.676 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8877	0.432 ug/L #	88
48) 2-Hexanone	8.20	43	18380	2.346 ug/L #	92

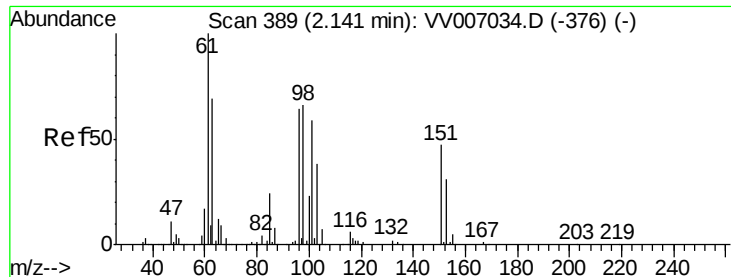
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 17 01:13:44 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.253 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007036.D

Acq: 16 Aug 2018 12:00

Instrument :

MSVOA_V

ClientSampleId :

C0350DL

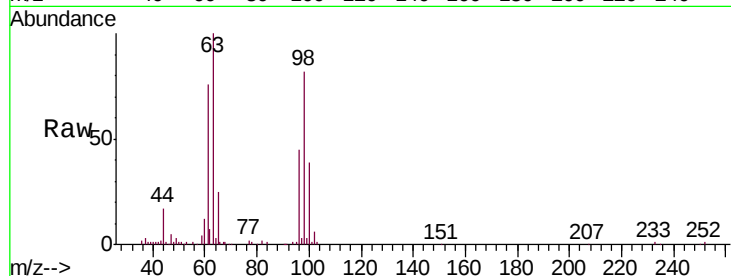
Tgt Ion: 96 Resp: 20390

Ion Ratio Lower Upper

96 100

61 168.9 111.6 207.4

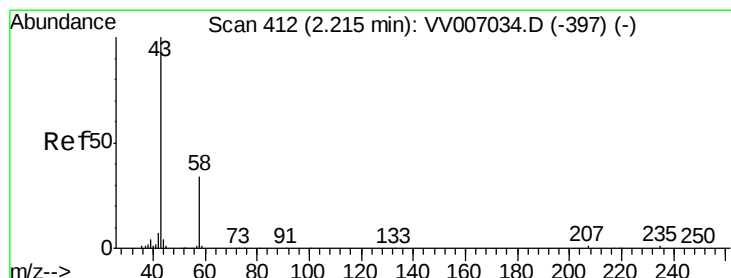
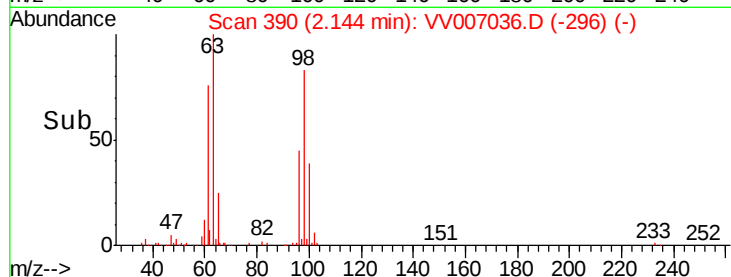
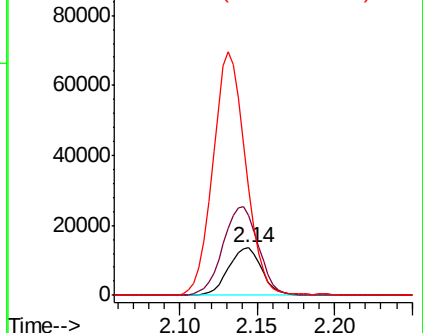
63 223.5 84.9 157.7#



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: 0.415 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007036.D

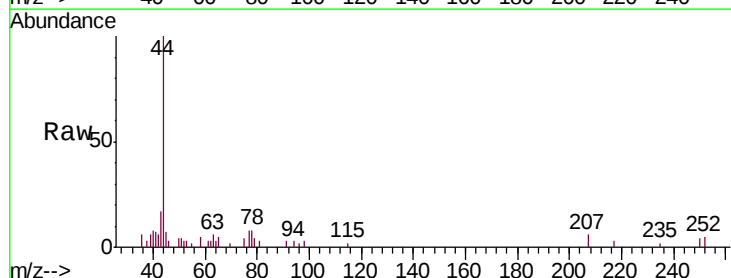
Acq: 16 Aug 2018 12:00

Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

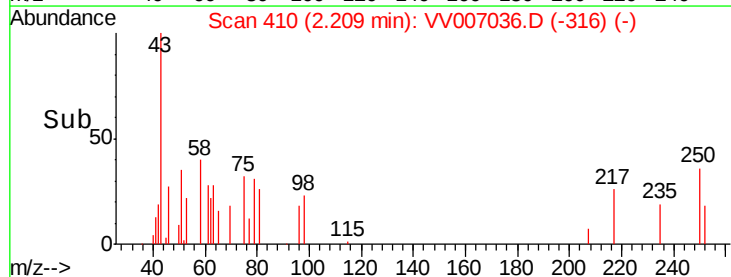
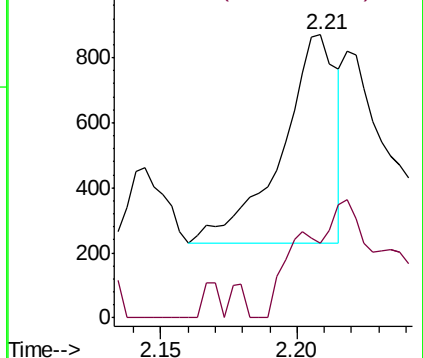
43 100

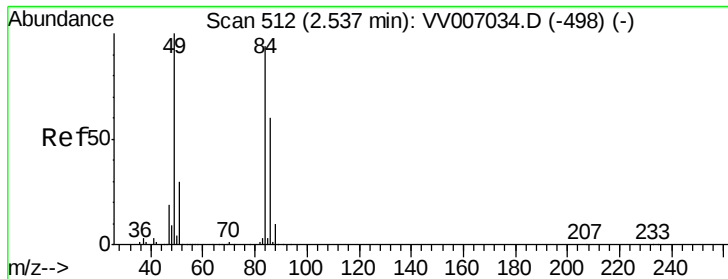
58 27.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

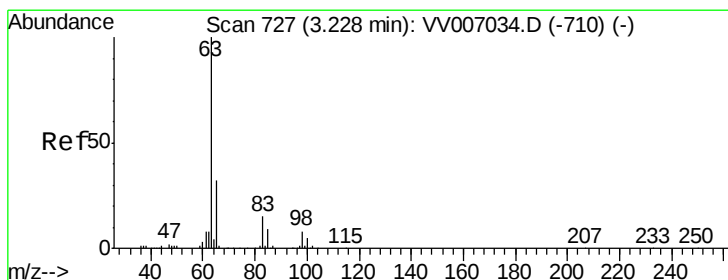
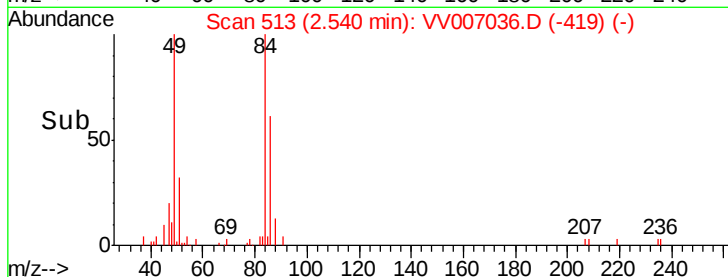
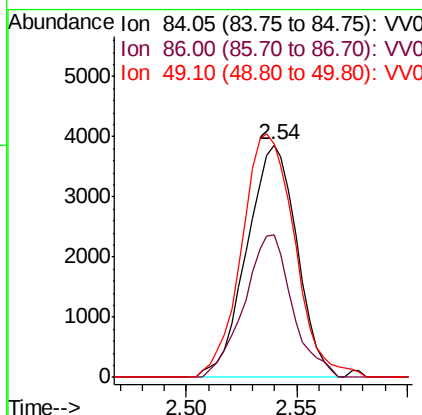
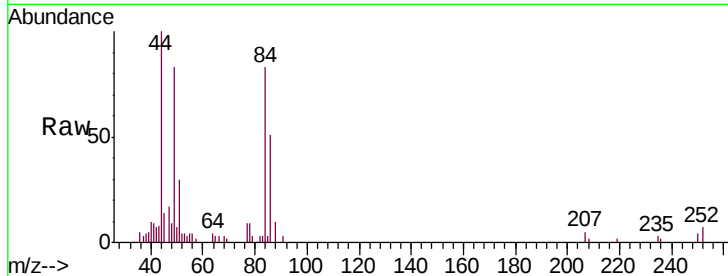




#16
Methylene chloride
Concen: 0.309 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV007036.D
Acq: 16 Aug 2018 12:00

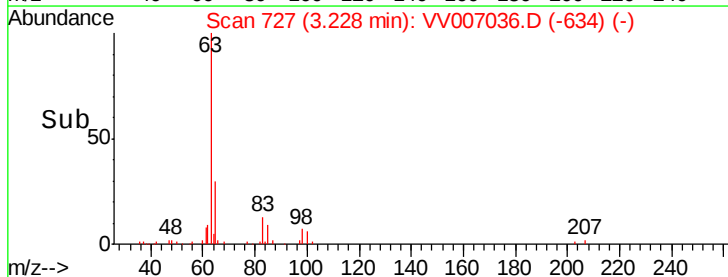
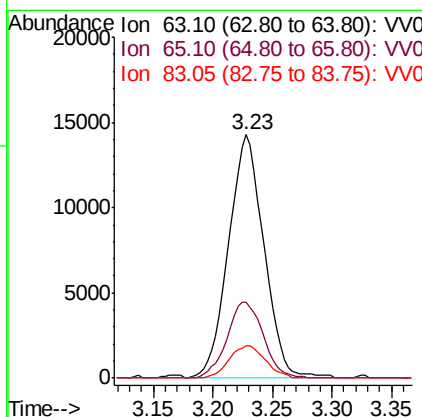
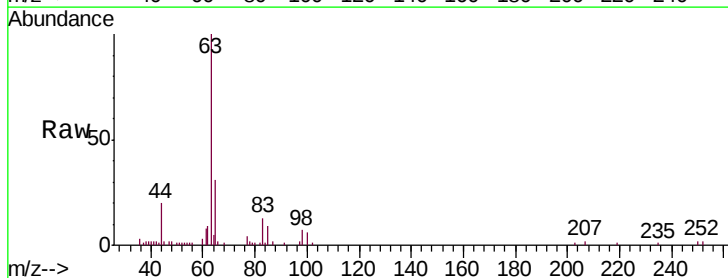
Instrument :
MSVOA_V
ClientSampled :
C0350DL

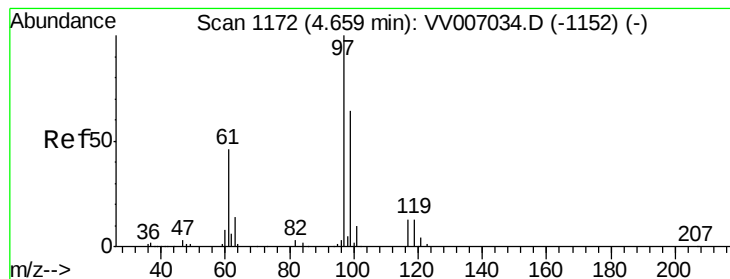
Tgt Ion: 84 Resp: 6067
Ion Ratio Lower Upper
84 100
86 61.4 45.7 84.9
49 100.4 78.8 146.4



#19
1,1-Dichloroethane
Concen: 0.938 ug/L
RT: 3.23 min Scan# 727
Delta R.T. -0.00 min
Lab File: VV007036.D
Acq: 16 Aug 2018 12:00

Tgt Ion: 63 Resp: 29512
Ion Ratio Lower Upper
63 100
65 31.1 21.7 40.3
83 13.3 10.0 18.6





#29

1,1,1-Trichloroethane

Concen: 7.171 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV007036.D

Acq: 16 Aug 2018 12:00

Instrument :

MSVOA_V

ClientSampled :

C0350DL

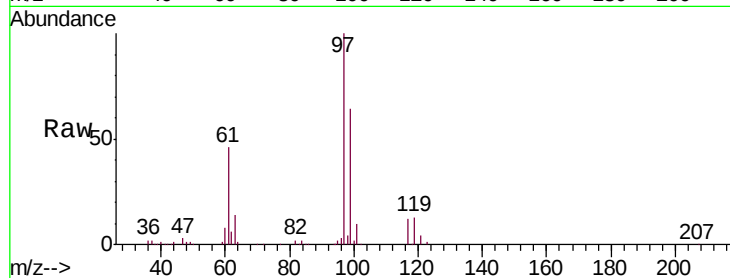
Tgt Ion: 97 Resp: 207330

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.6

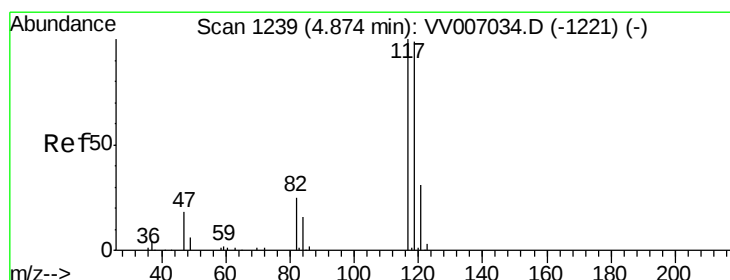
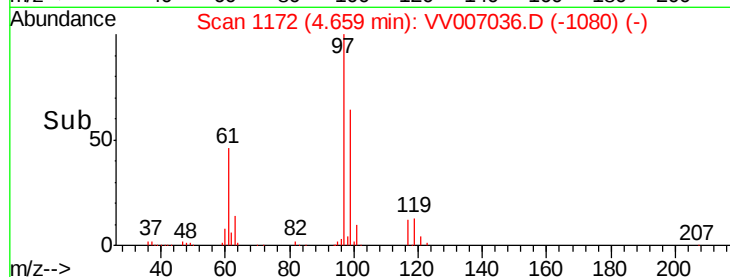
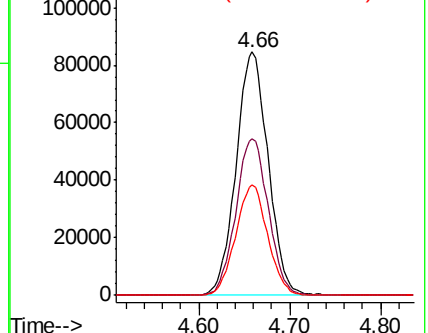
61 45.3 36.6 54.8



Abundance Ion 96.95 (96.65 to 97.65): VV007036.D (-1080) (-)

Ion 99.05 (98.75 to 99.75): VV007036.D (-1080) (-)

Ion 61.05 (60.75 to 61.75): VV007036.D (-1080) (-)



#31

Carbon tetrachloride

Concen: 1.136 ug/L

RT: 4.66 min Scan# 1171

Delta R.T. -0.22 min

Lab File: VV007036.D

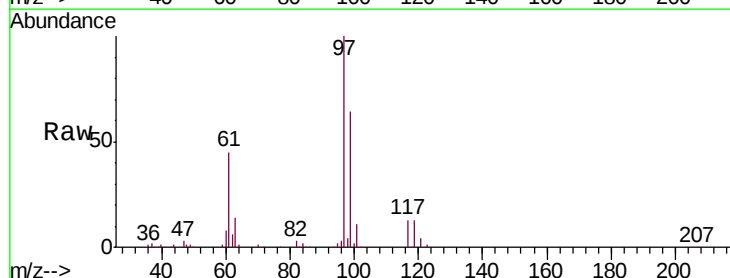
Acq: 16 Aug 2018 12:00

Tgt Ion: 117 Resp: 27547

Ion Ratio Lower Upper

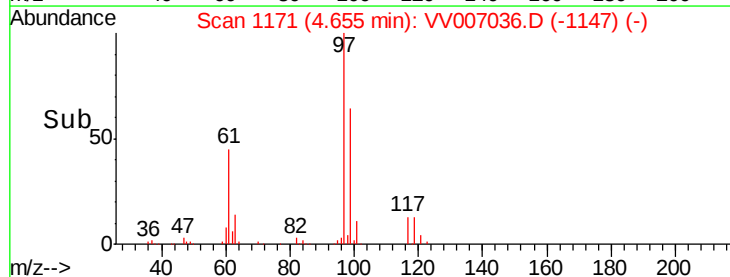
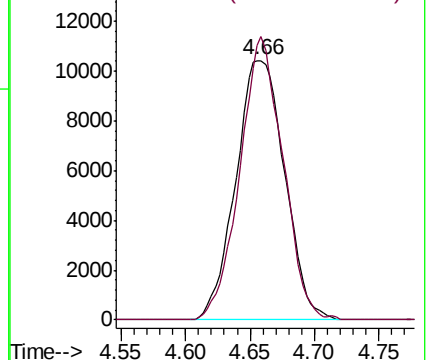
117 100

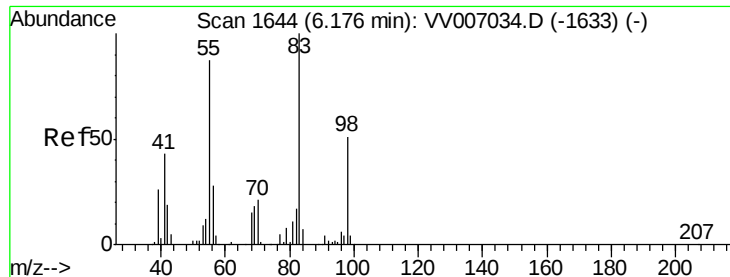
119 96.1 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): VV007036.D (-1147) (-)

Ion 118.90 (118.60 to 119.60): VV007036.D (-1147) (-)





#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007036.D

Acq: 16 Aug 2018 12:00

Instrument :

MSVOA_V

ClientSampled :

C0350DL

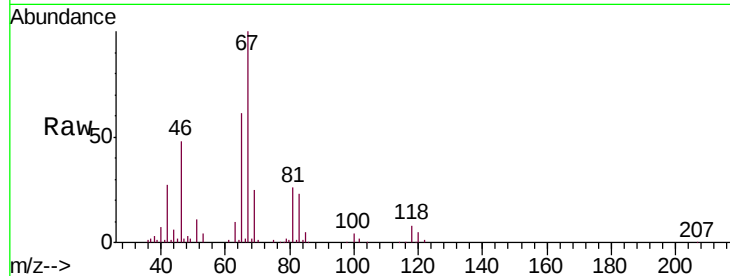
Tgt Ion: 83 Resp: 19547

Ion Ratio Lower Upper

83 100

55 0.8 68.1 102.1#

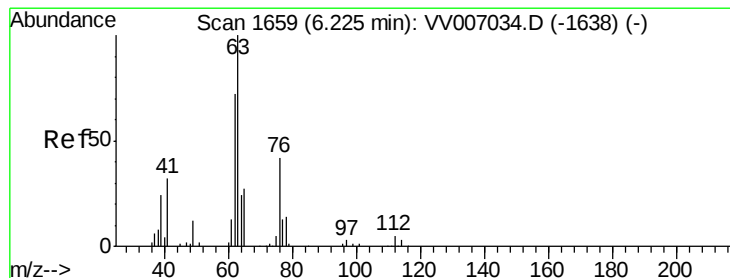
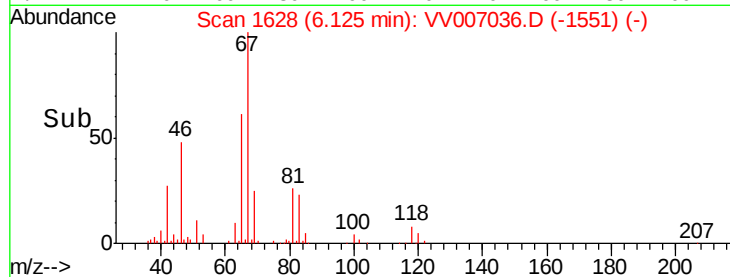
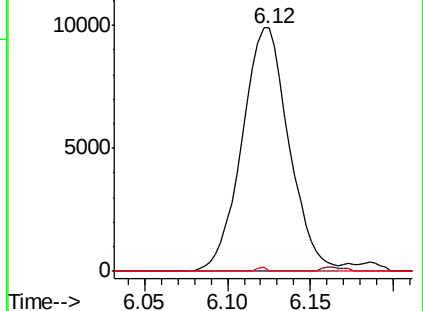
98 0.3 37.9 56.9#



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: 0.432 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV007036.D

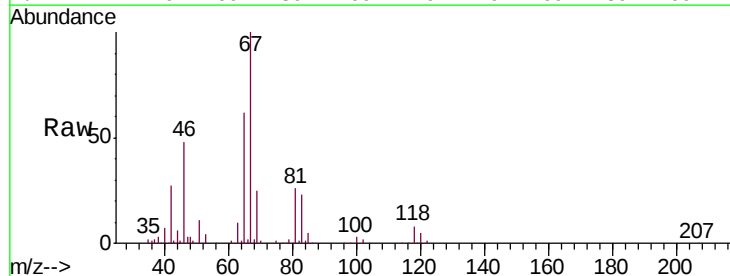
Acq: 16 Aug 2018 12:00

Tgt Ion: 63 Resp: 8877

Ion Ratio Lower Upper

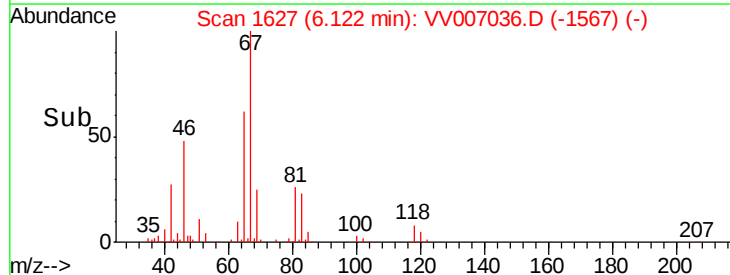
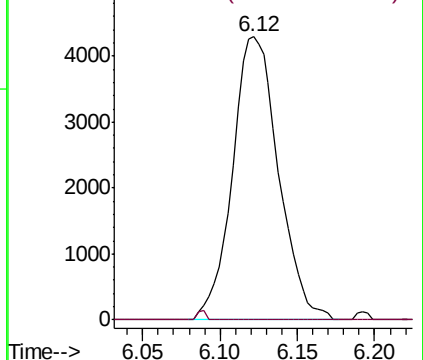
63 100

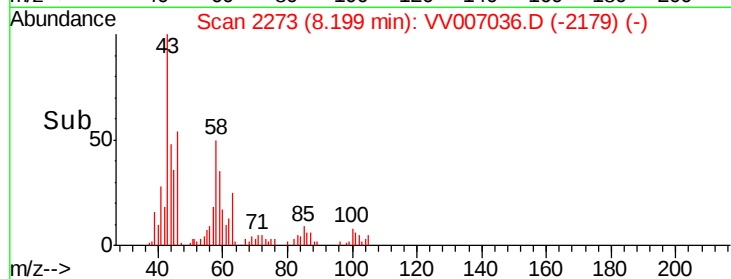
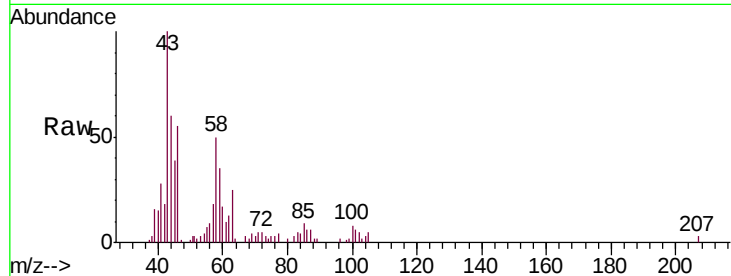
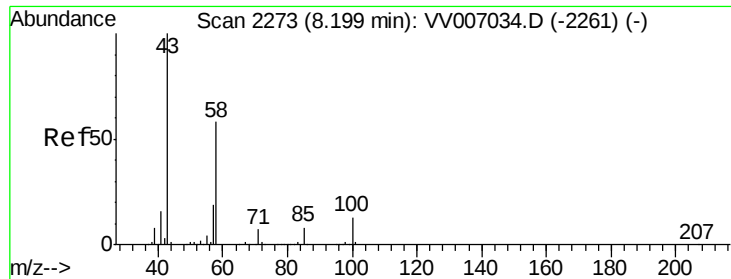
112 0.6 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.346 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007036.D

Acq: 16 Aug 2018 12:00

Instrument :

MSVOA_V

ClientSampleId :

C0350DL

Tgt Ion: 43 Resp: 18380

Ion Ratio Lower Upper

43 100

58 49.3 44.2 66.2

57 23.0 14.8 22.2#

100 9.1 8.8 13.2

Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

