

Data File : VV011510.D
Acq On : 15 Jun 2019 00:29
Operator : SY/MD
Sample : K3313-16DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM07DL

Quant Time: Jun 15 01:33:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 01:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158816	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62305	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	43275	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	102161	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.96	46	200330	53.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	4.40	84	127118	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	74413	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.09	84	251623	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	79771	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.36	98	211255	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	23763	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	156564	54.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55283	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	68404	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

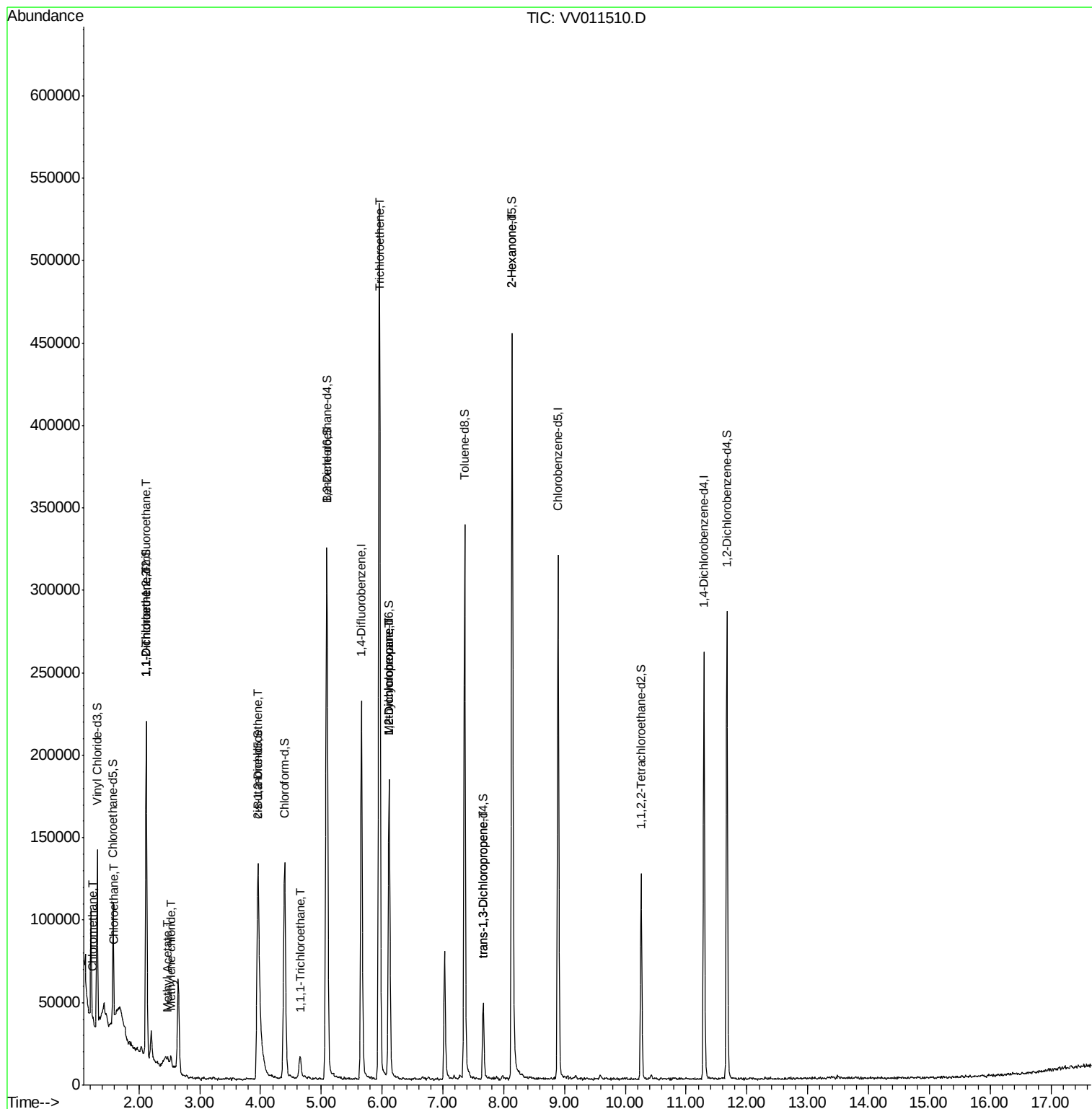
						Qvalue
3) Chloromethane	1.25	50	2358	0.138	ug/L	85
8) Chloroethane	1.60	64	846	0.103	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	981	0.092	ug/L #	30
12) 1,1-Dichloroethene	2.13	96	11468	1.040	ug/L #	1
15) Methyl Acetate	2.46	43	1540	0.229	ug/L #	67
16) Methylene chloride	2.53	84	1779	0.142	ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	15041	1.065	ug/L	91
29) 1,1,1-Trichloroethane	4.65	97	9145	0.463	ug/L	96
34) Trichloroethene	5.96	95	177104	13.388	ug/L	98
35) Methylcyclohexane	6.12	83	19668	1.043	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10255	0.743	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1308	0.098	ug/L	86
48) 2-Hexanone	8.14	43	21507	3.108	ug/L #	70

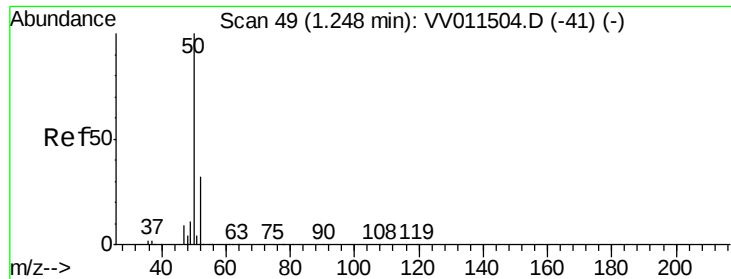
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

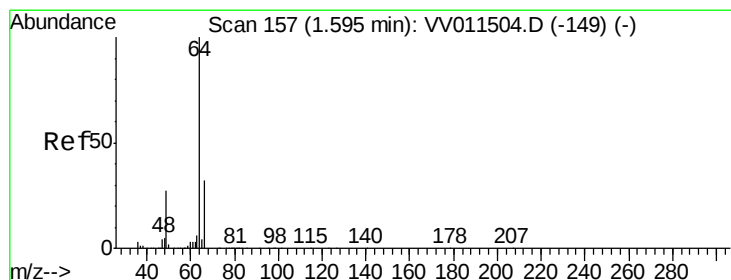
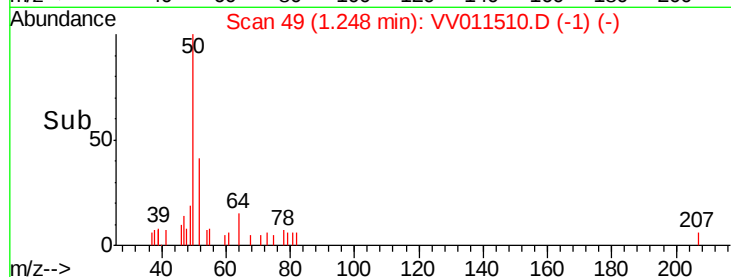
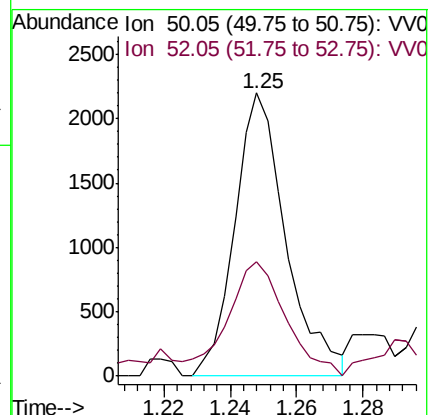
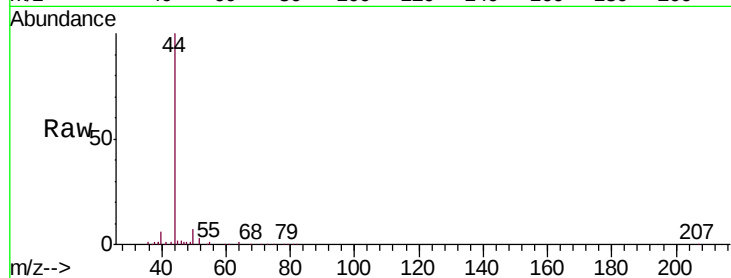
COM07DL

Tgt Ion: 50 Resp: 2358

Ion Ratio Lower Upper

50 100

52 40.5 22.7 42.1



#8

Chloroethane

Concen: 0.103 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV011510.D

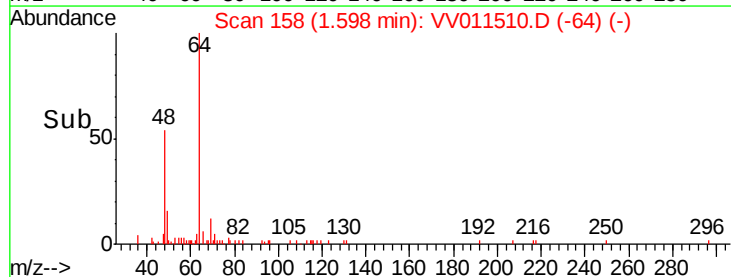
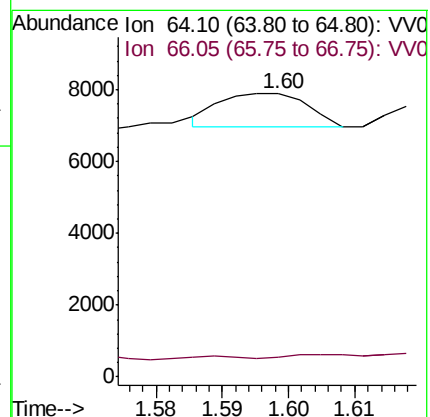
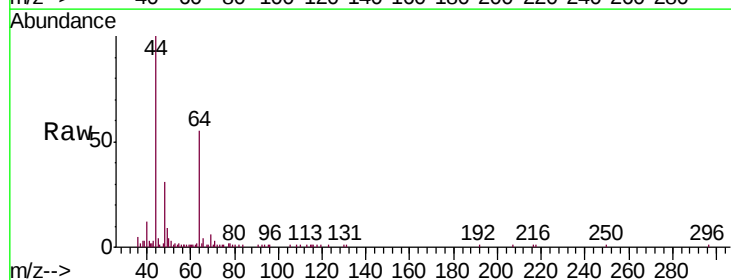
Acq: 15 Jun 2019 00:29

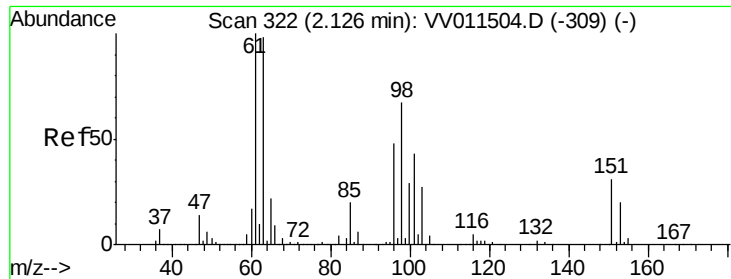
Tgt Ion: 64 Resp: 846

Ion Ratio Lower Upper

64 100

66 7.2 21.6 40.2#





#10

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

Concen: 0.092 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

COM07DL

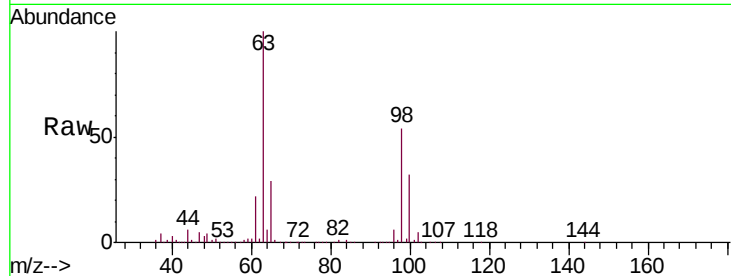
Tgt Ion: 101 Resp: 981

Ion Ratio Lower Upper

101 100

85 9.3 37.3 55.9#

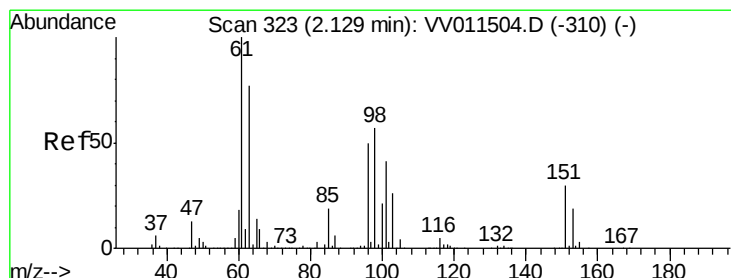
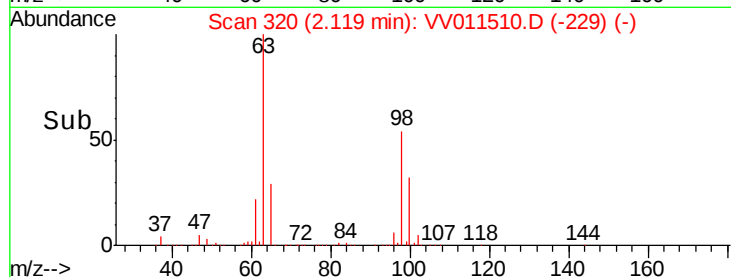
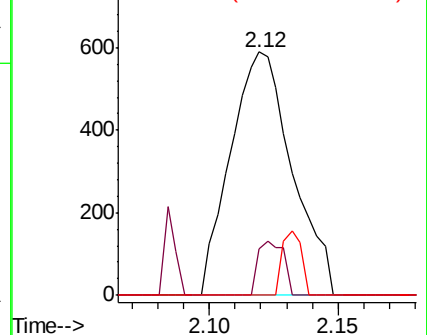
151 8.2 59.4 89.2#



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: 1.040 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

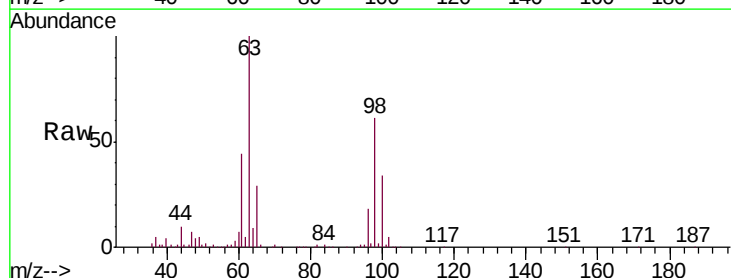
Tgt Ion: 96 Resp: 11468

Ion Ratio Lower Upper

96 100

61 245.5 135.9 252.5

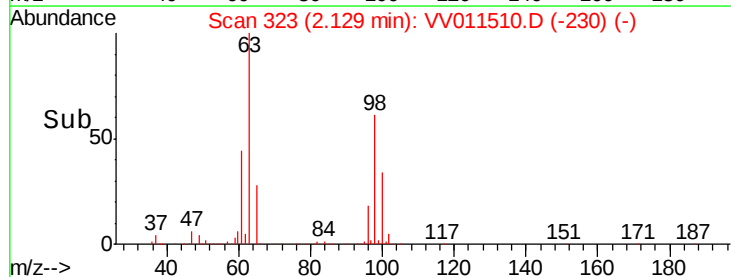
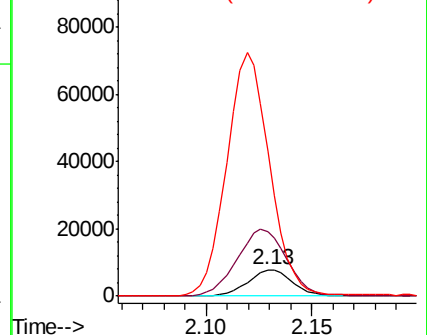
63 553.5 86.2 160.2#

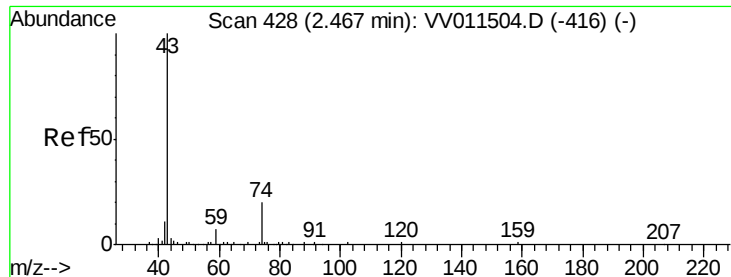


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#15

Methyl Acetate

Concen: 0.229 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

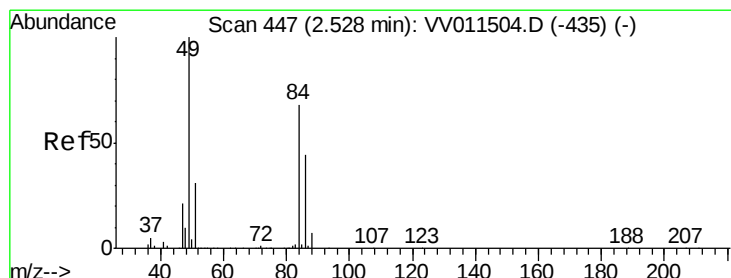
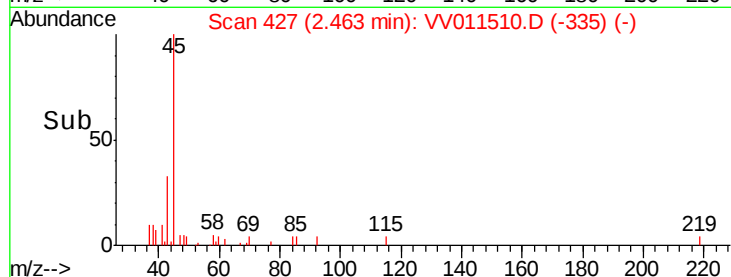
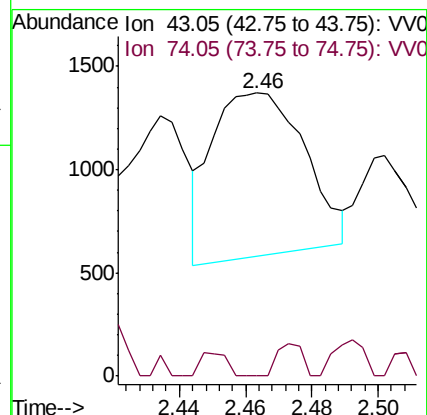
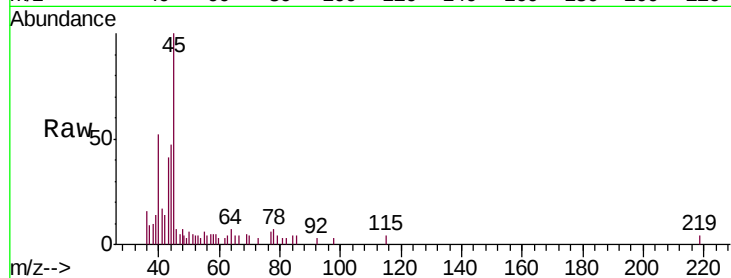
COM07DL

Tgt Ion: 43 Resp: 1540

Ion Ratio Lower Upper

43 100

74 5.4 16.5 24.7#



#16

Methylene chloride

Concen: 0.142 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

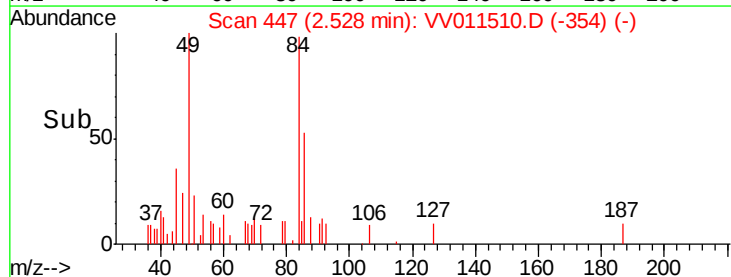
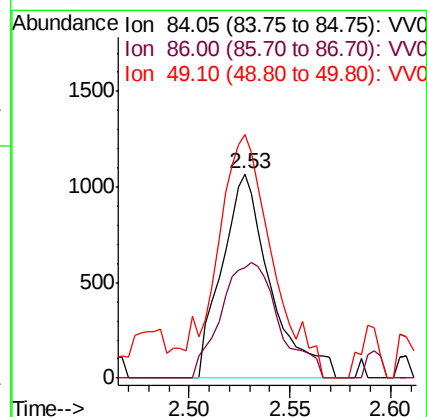
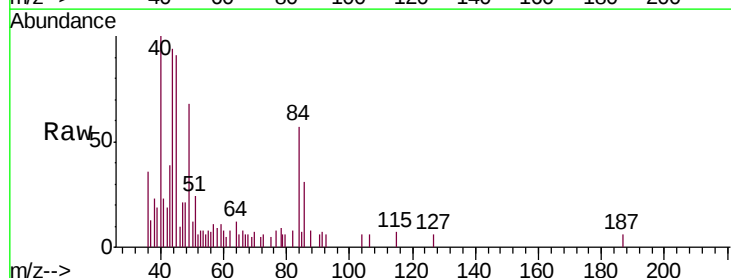
Tgt Ion: 84 Resp: 1779

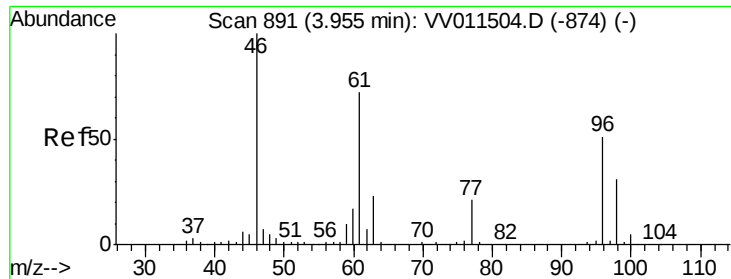
Ion Ratio Lower Upper

84 100

86 54.2 42.5 78.9

49 119.3 97.7 181.5





#22

cis-1,2-Dichloroethene

Concen: 1.065 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

COM07DL

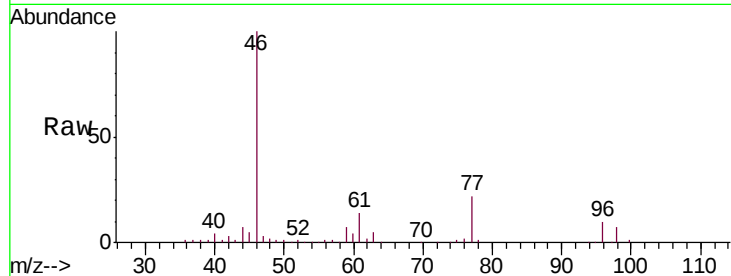
Tgt Ion: 96 Resp: 15041

Ion Ratio Lower Upper

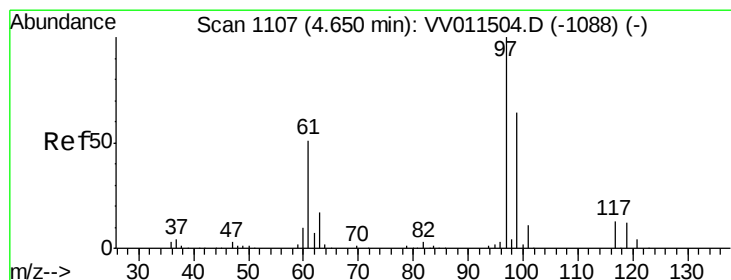
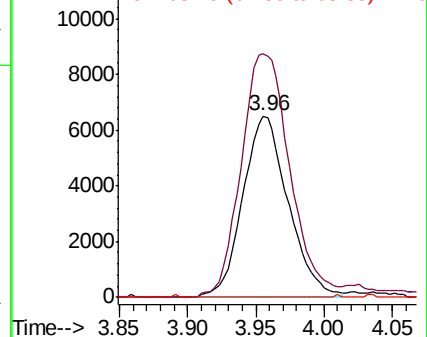
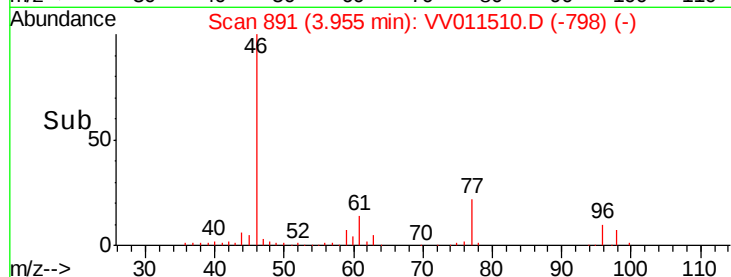
96 100

61 134.2 102.2 189.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#29

1,1,1-Trichloroethane

Concen: 0.463 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

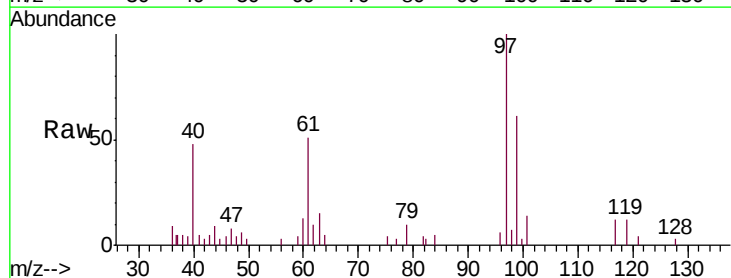
Tgt Ion: 97 Resp: 9145

Ion Ratio Lower Upper

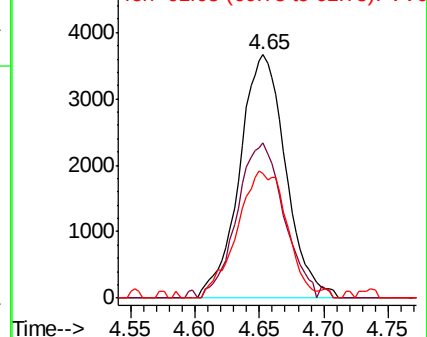
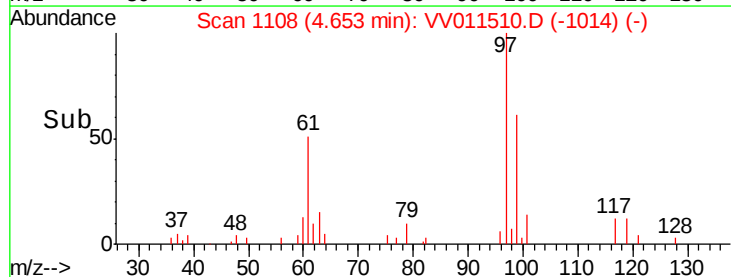
97 100

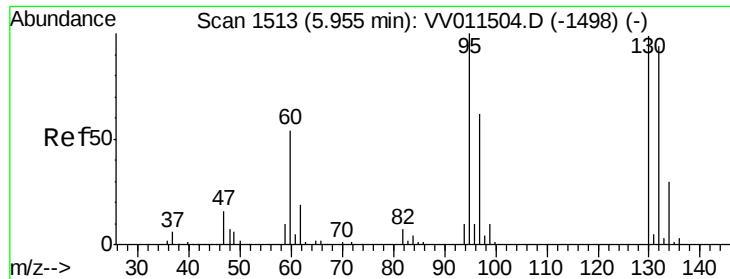
99 64.3 51.6 77.4

61 56.0 40.4 60.6



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





#34

Trichloroethene

Concen: 13.388 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

COM07DL

Tgt Ion: 95 Resp: 177104

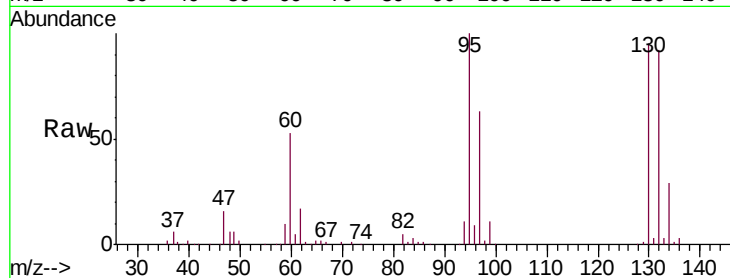
Ion Ratio Lower Upper

95 100

97 62.5 44.4 82.4

132 91.9 63.5 117.9

130 95.4 68.5 127.3



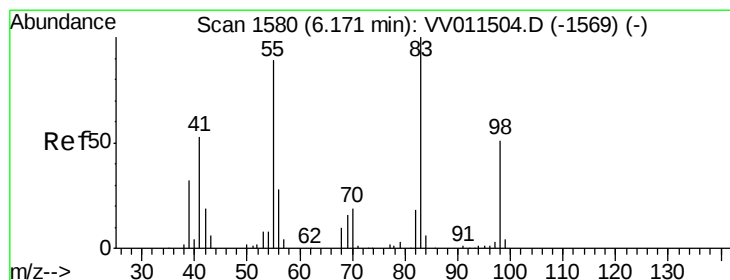
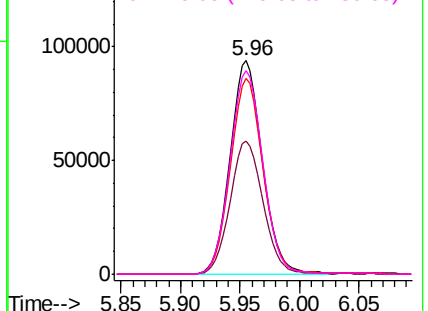
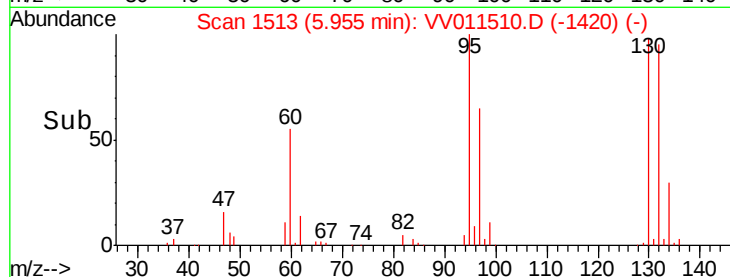
Abundance

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: 1.043 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

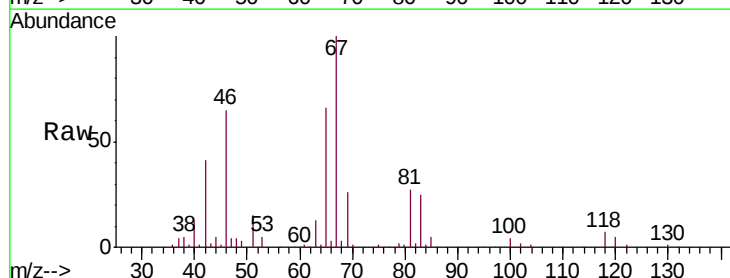
Tgt Ion: 83 Resp: 19668

Ion Ratio Lower Upper

83 100

55 0.4 67.9 101.9#

98 0.7 39.6 59.4#

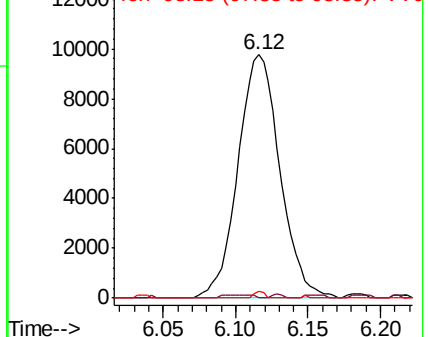
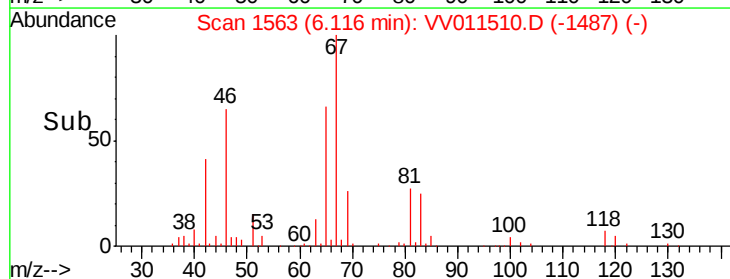


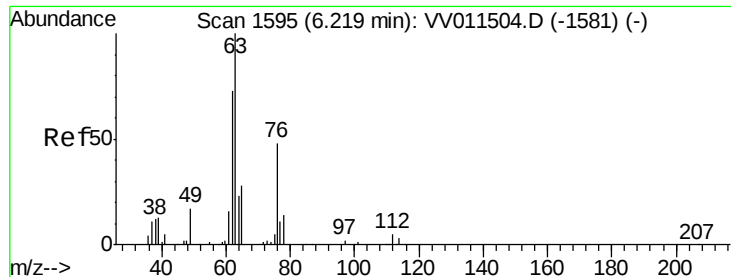
Abundance

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: 0.743 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampled :

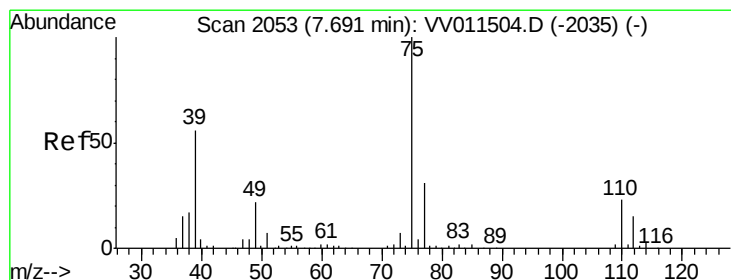
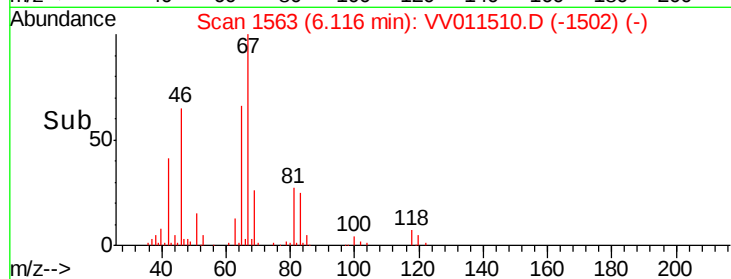
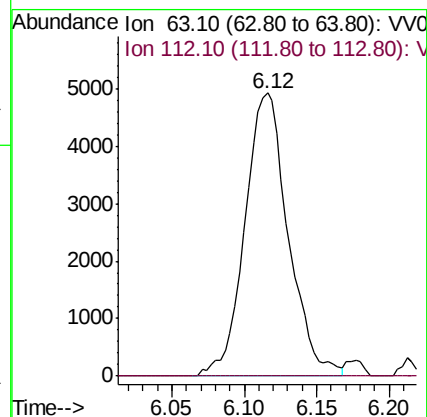
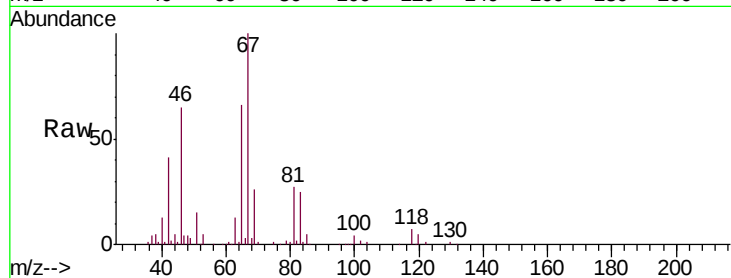
COM07DL

Tgt Ion: 63 Resp: 10255

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011510.D

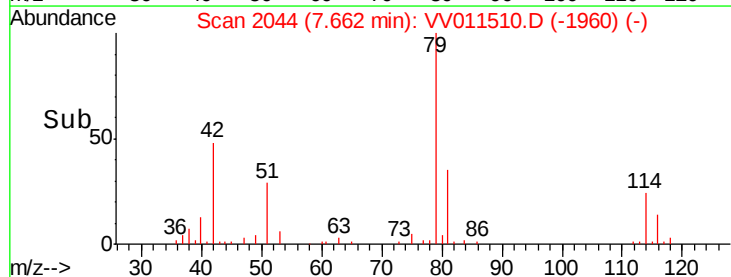
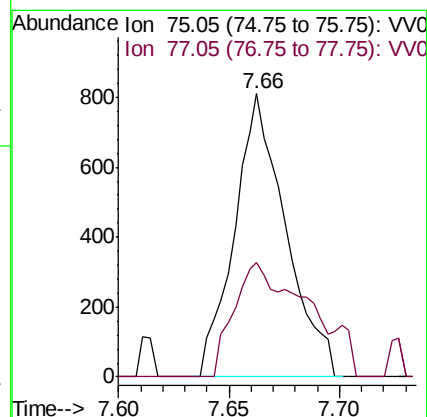
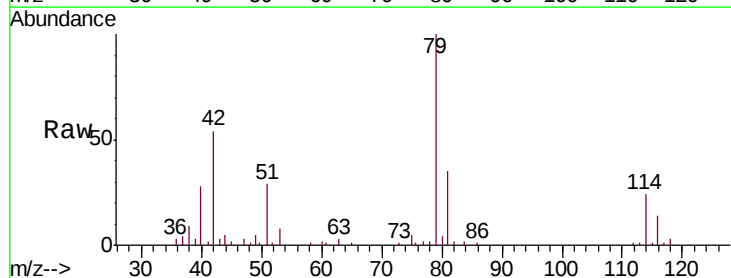
Acq: 15 Jun 2019 00:29

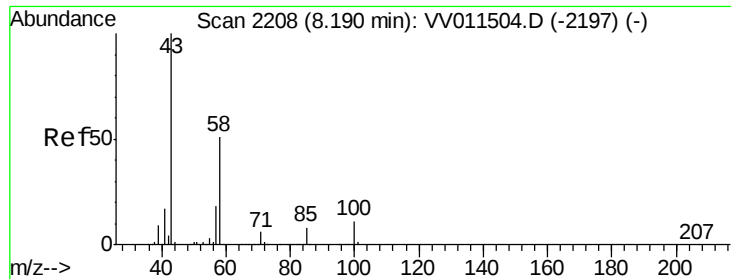
Tgt Ion: 75 Resp: 1308

Ion Ratio Lower Upper

75 100

77 40.2 22.8 42.4





#48

2-Hexanone

Concen: 3.108 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011510.D

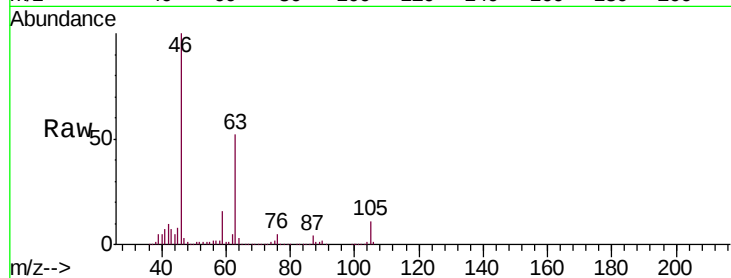
Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

COM07DL



Tgt Ion: 43 Resp: 21507

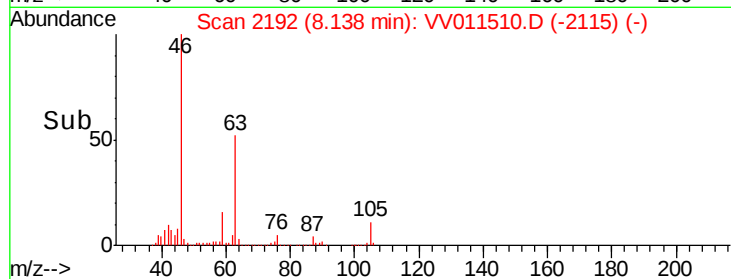
Ion Ratio Lower Upper

43 100

58 26.5 40.6 60.8#

57 26.0 14.2 21.4#

100 0.8 8.6 12.8#



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

