

Data File : VV011540.D
Acq On : 15 Jun 2019 15:34
Operator : SY/MD
Sample : K3386-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM82

Quant Time: Jun 17 04:36:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182962	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60153	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	48145	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.12	63	94479	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.96	46	192448	49.51	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	4.40	84	123129	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	75465	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.09	84	251800	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	79131	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	209814	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	20390	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.14	63	147751	48.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52737	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	68724	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

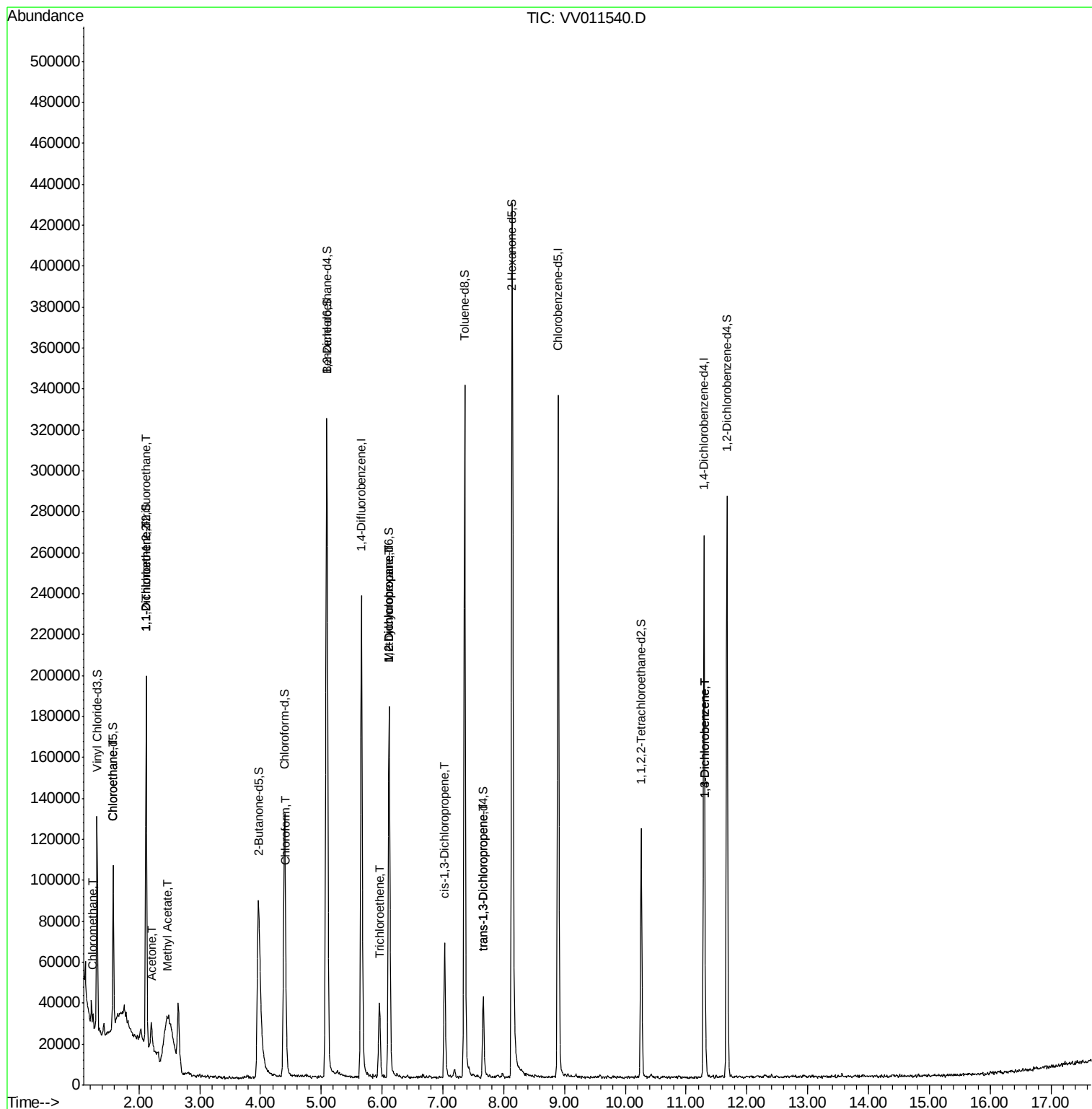
					Qvalue
3) Chloromethane	1.25	50	4247	0.240 ug/L	97
8) Chloroethane	1.59	64	1218	0.144 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	930	0.085 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1427	0.125 ug/L #	1
13) Acetone	2.22	43	5049	1.927 ug/L	75
15) Methyl Acetate	2.47	43	22778	3.280 ug/L #	56
25) Chloroform	4.42	83	5543	0.208 ug/L	84
34) Trichloroethene	5.96	95	11810	0.845 ug/L	97
35) Methylcyclohexane	6.12	83	19164	0.962 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9940	0.681 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1792	0.098 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1241	0.088 ug/L	94
62) 1,3-Dichlorobenzene	11.32	146	2685	0.130 ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	2685	0.128 ug/L	90

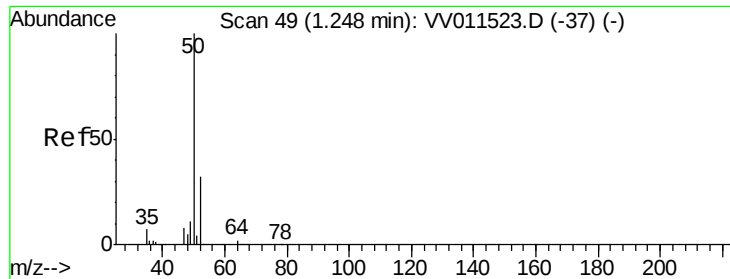
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.240 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011540.D

Acq: 15 Jun 2019 15:34

Instrument :

MSVOA_V

ClientSampleId :

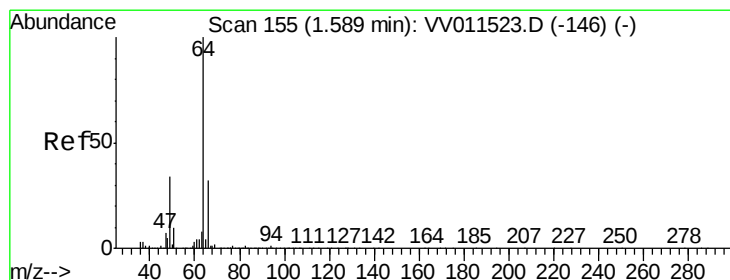
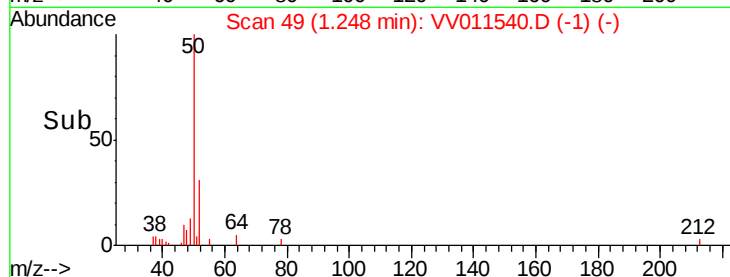
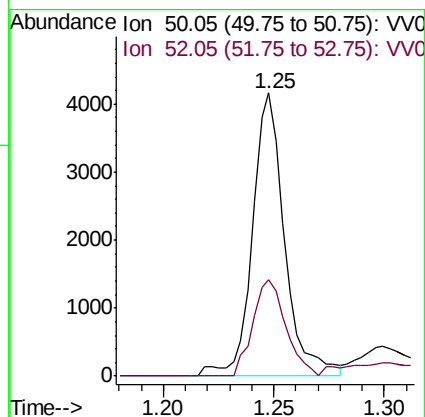
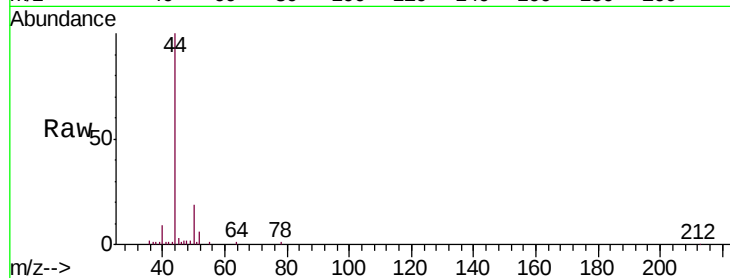
COM82

Tgt Ion: 50 Resp: 4247

Ion Ratio Lower Upper

50 100

52 34.2 22.7 42.1



#8

Chloroethane

Concen: 0.144 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.00 min

Lab File: VV011540.D

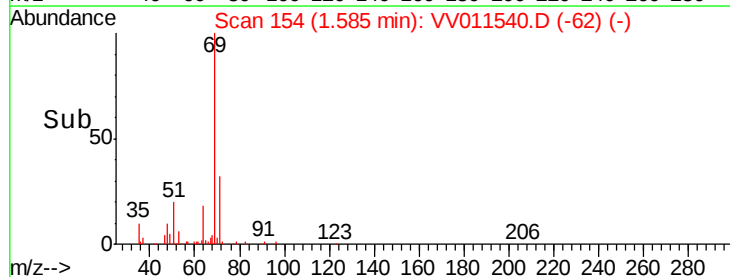
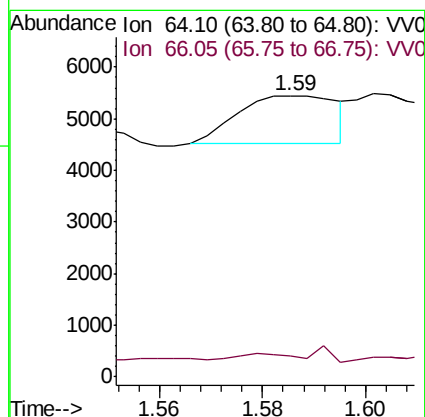
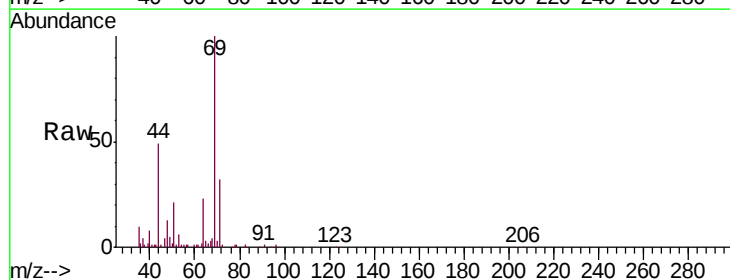
Acq: 15 Jun 2019 15:34

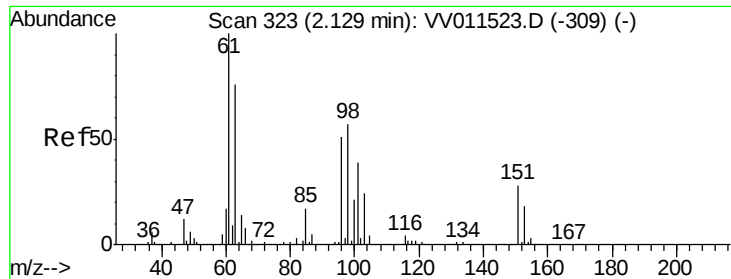
Tgt Ion: 64 Resp: 1218

Ion Ratio Lower Upper

64 100

66 7.4 21.6 40.2#





#10

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

Concen: 0.085 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV011540.D

Acq: 15 Jun 2019 15:34

Instrument :

MSVOA_V

ClientSampled :

COM82

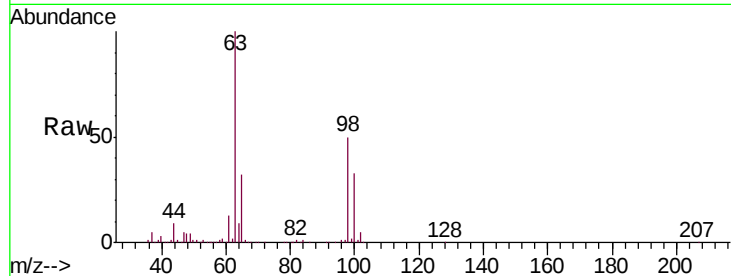
Tgt Ion: 101 Resp: 930

Ion Ratio Lower Upper

101 100

85 4.7 37.3 55.9#

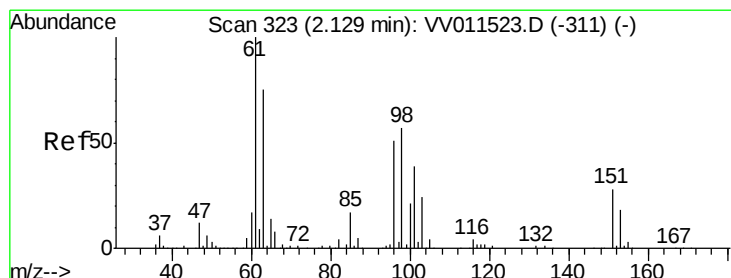
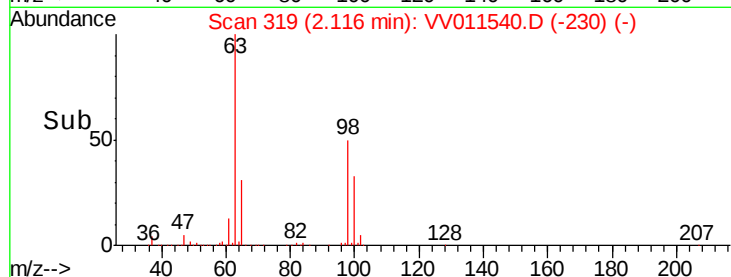
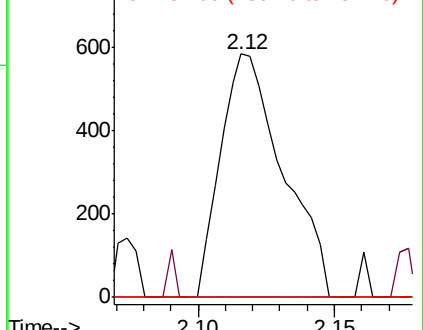
151 0.0 59.4 89.2#



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: 0.125 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011540.D

Acq: 15 Jun 2019 15:34

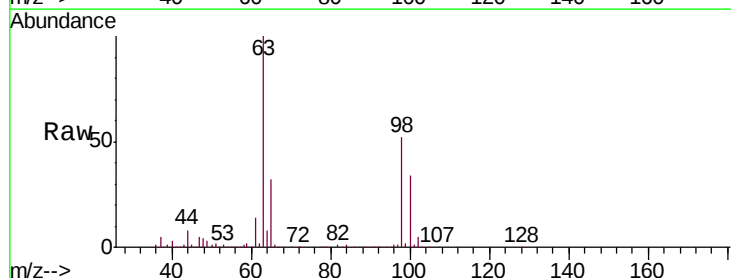
Tgt Ion: 96 Resp: 1427

Ion Ratio Lower Upper

96 100

61 1311.9 135.9 252.5#

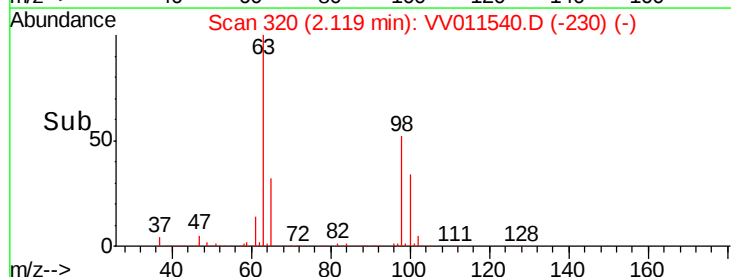
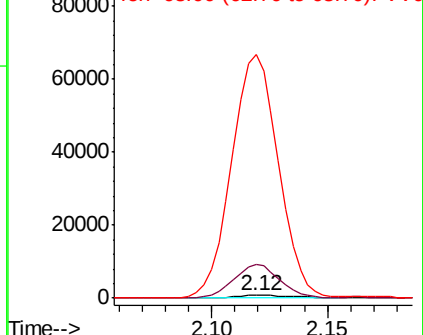
63 9426.0 86.2 160.2#

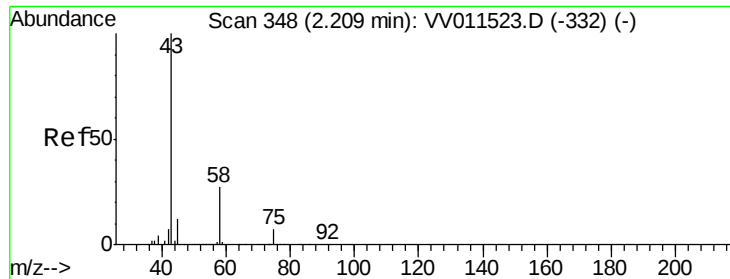


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.927 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV011540.D

Acq: 15 Jun 2019 15:34

Instrument :

MSVOA_V

ClientSampleId :

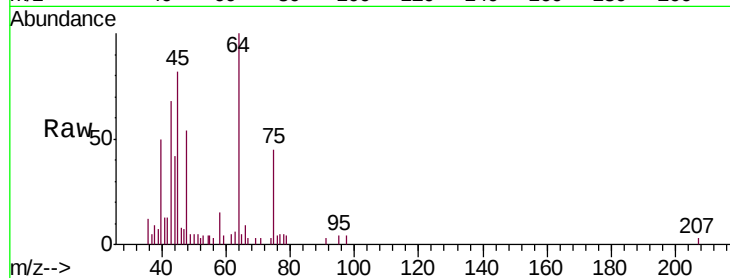
C0M82

Tgt Ion: 43 Resp: 5049

Ion Ratio Lower Upper

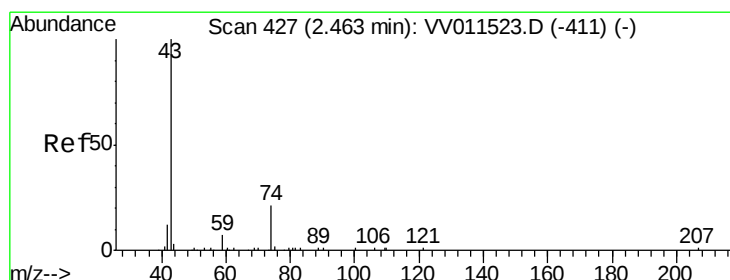
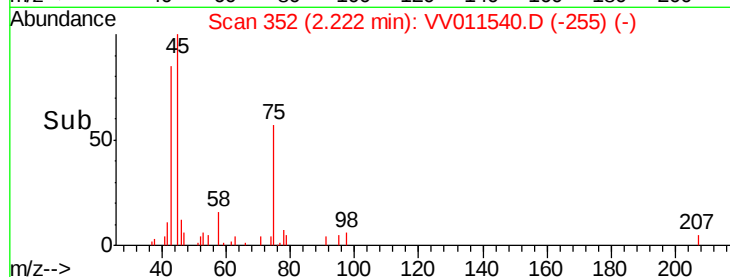
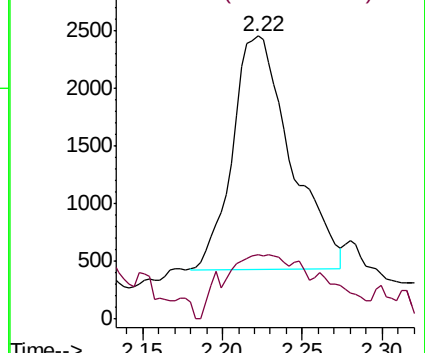
43 100

58 15.5 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV011523.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV011523.D (-332) (-)



#15

Methyl Acetate

Concen: 3.280 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

Lab File: VV011540.D

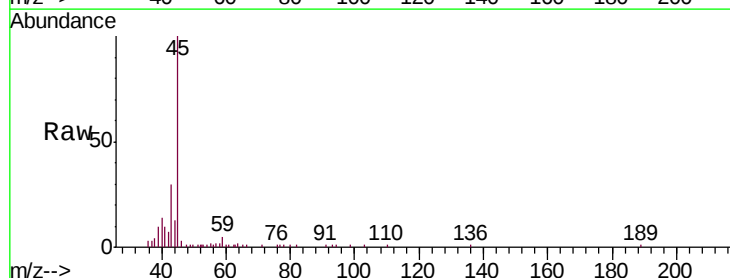
Acq: 15 Jun 2019 15:34

Tgt Ion: 43 Resp: 22778

Ion Ratio Lower Upper

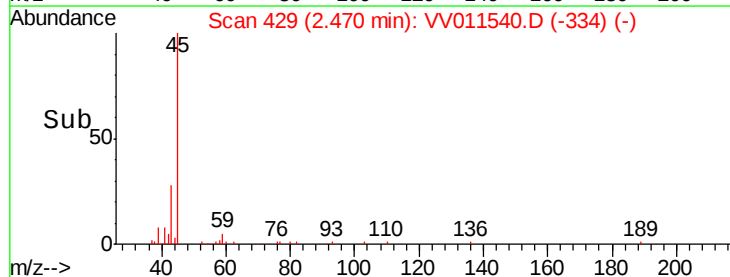
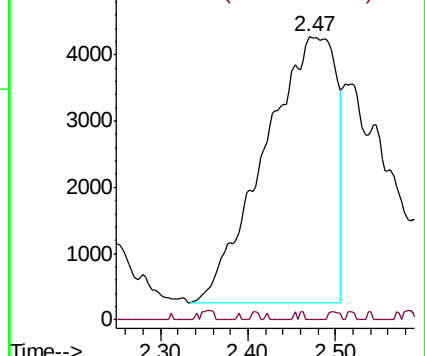
43 100

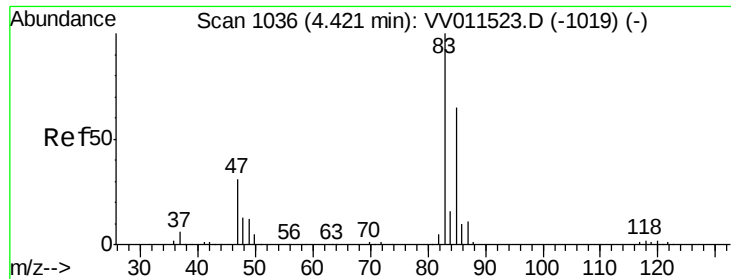
74 0.3 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011523.D (-411) (-)

Ion 74.05 (73.75 to 74.75): VV011523.D (-411) (-)

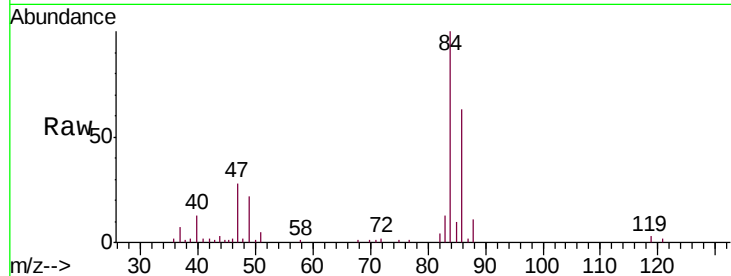




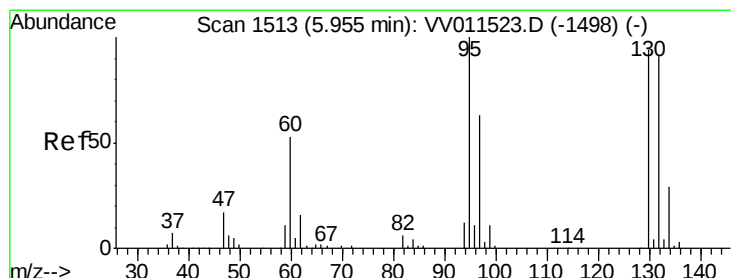
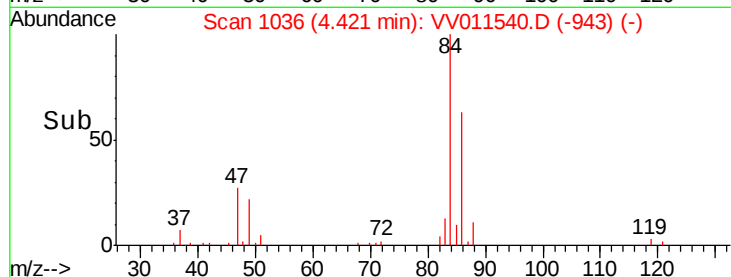
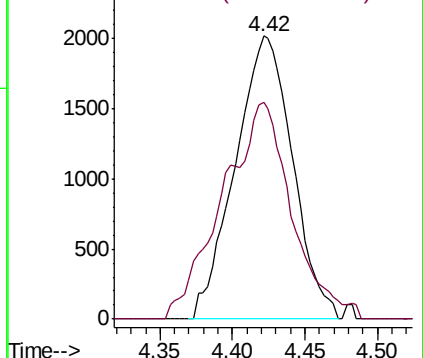
#25
Chloroform
Concen: 0.208 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011540.D
Acq: 15 Jun 2019 15:34

Instrument :
MSVOA_V
ClientSampleId :
COM82

Tgt Ion: 83 Resp: 5543
Ion Ratio Lower Upper
83 100
85 76.6 44.6 82.8

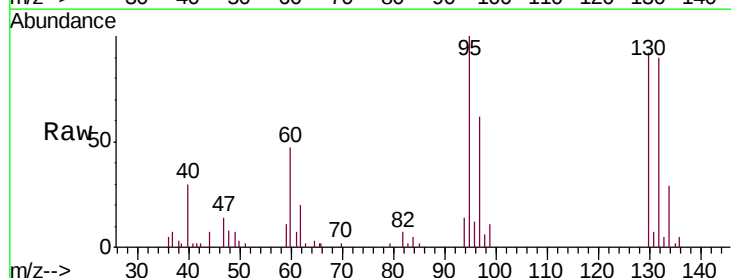


Abundance Ion 83.05 (82.75 to 83.75): VV011523.D (-1019) (-)
Ion 85.00 (84.70 to 85.70): VV011523.D (-1019) (-)

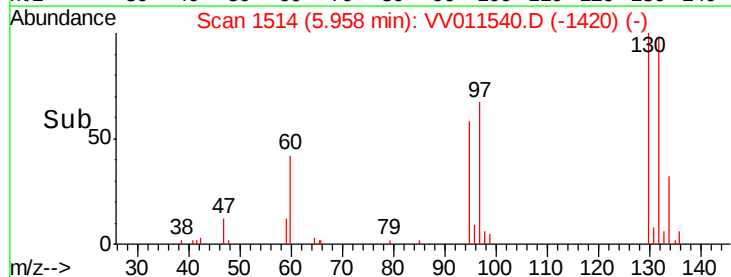
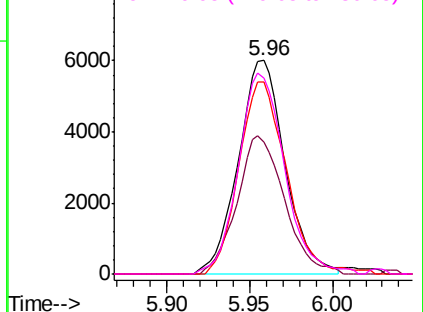


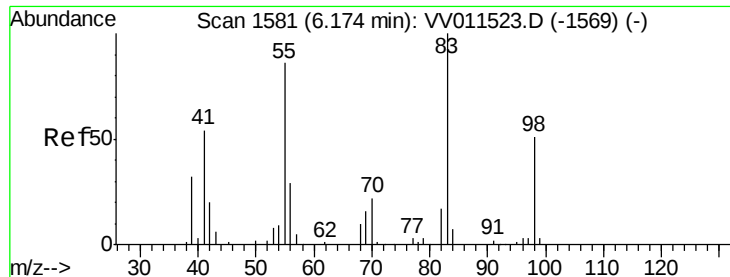
#34
Trichloroethene
Concen: 0.845 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011540.D
Acq: 15 Jun 2019 15:34

Tgt Ion: 95 Resp: 11810
Ion Ratio Lower Upper
95 100
97 61.7 44.4 82.4
132 90.0 63.5 117.9
130 91.8 68.5 127.3



Abundance Ion 95.00 (94.70 to 95.70): VV011523.D (-1498) (-)
Ion 96.95 (96.65 to 97.65): VV011523.D (-1498) (-)
Ion 131.95 (131.65 to 132.65): VV011523.D (-1498) (-)
Ion 129.95 (129.65 to 130.65): VV011523.D (-1498) (-)

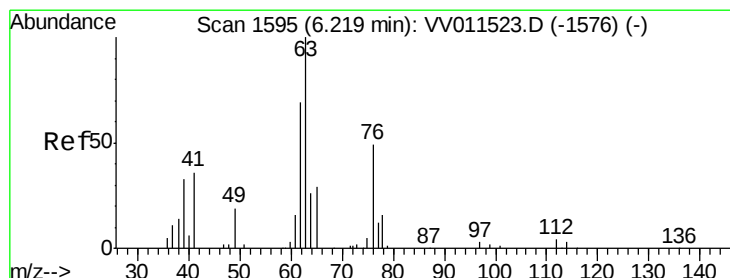
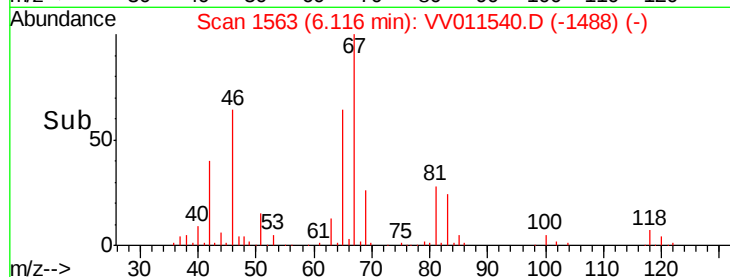
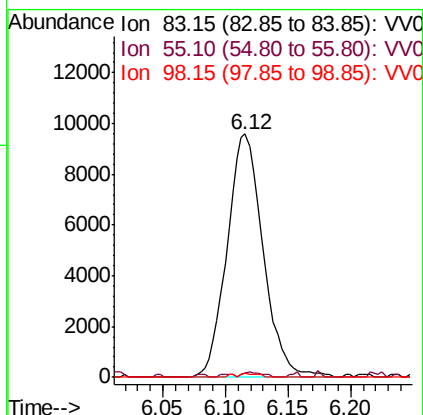
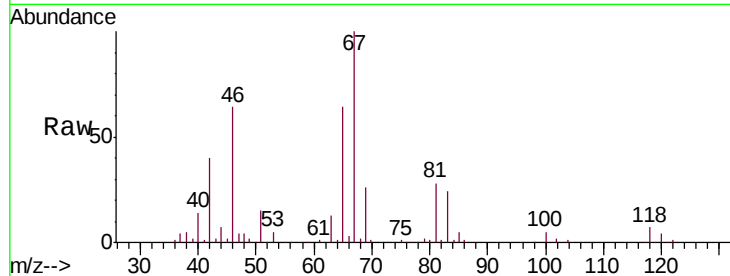




#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011540.D
Acq: 15 Jun 2019 15:34

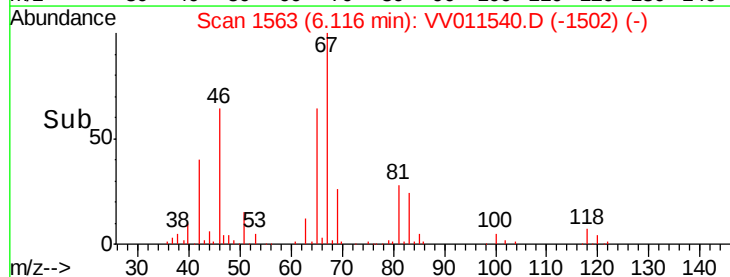
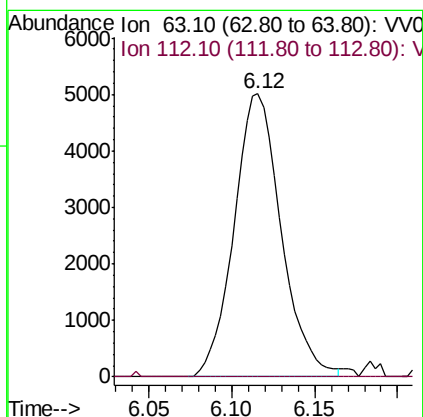
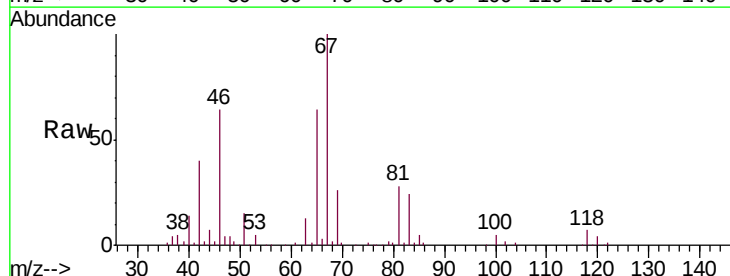
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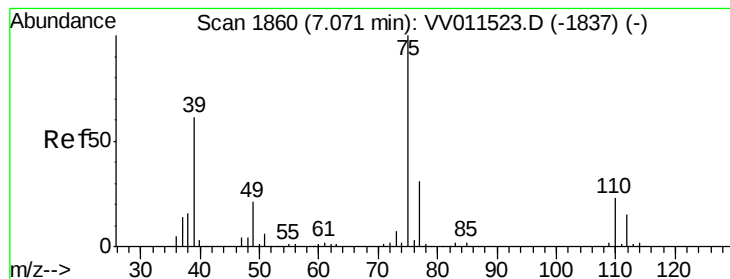
Tgt Ion: 83 Resp: 19164
Ion Ratio Lower Upper
83 100
55 1.2 67.9 101.9#
98 0.8 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011540.D
Acq: 15 Jun 2019 15:34

Tgt Ion: 63 Resp: 9940
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



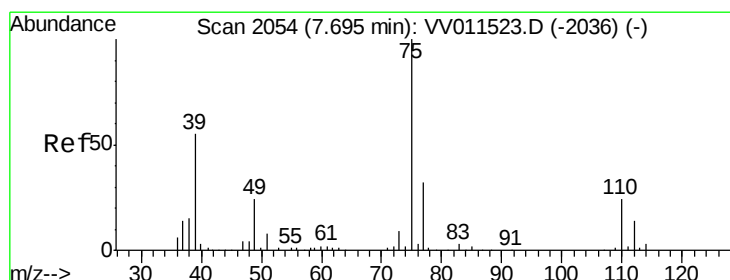
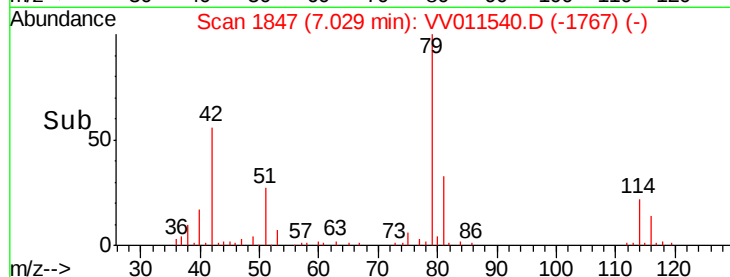
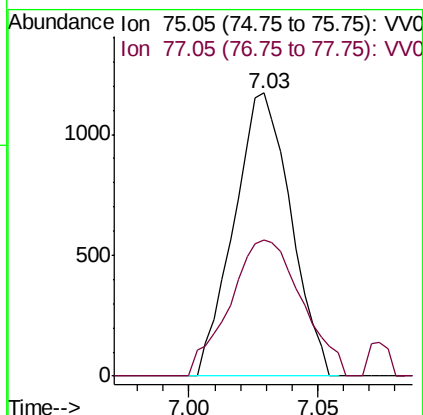
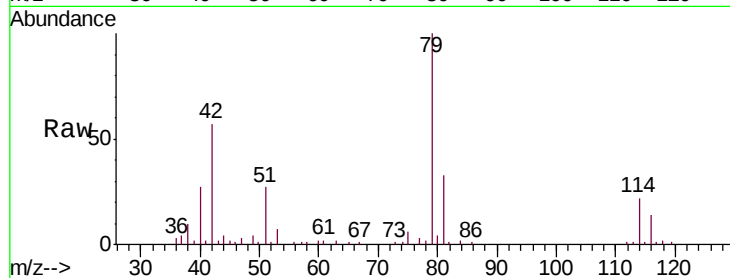


#39

cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011540.D
Acq: 15 Jun 2019 15:34

Instrument :
MSVOA_V
ClientSampled :
COM82

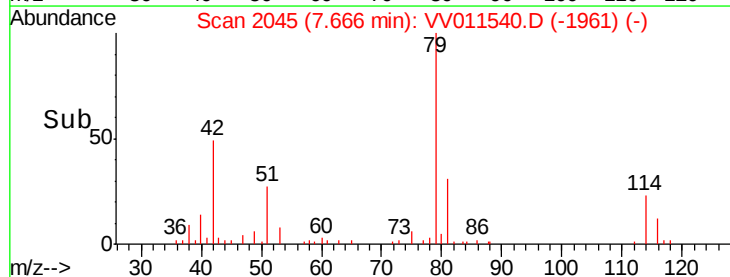
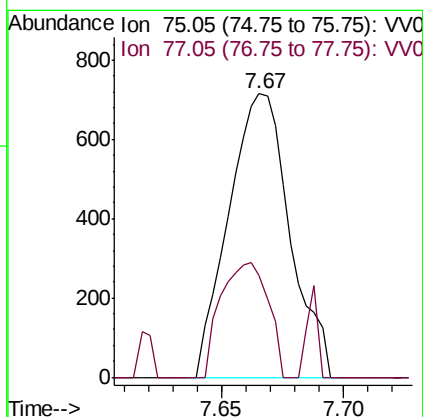
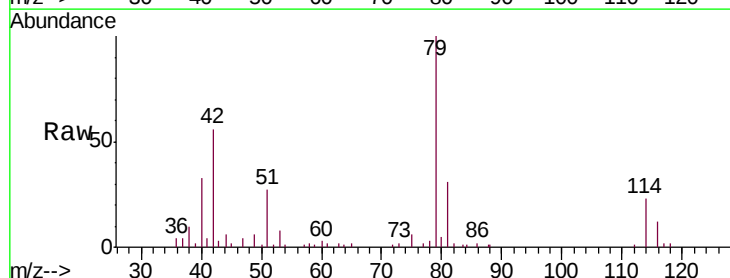
Tgt Ion: 75 Resp: 1792
Ion Ratio Lower Upper
75 100
77 48.1 20.6 38.4#

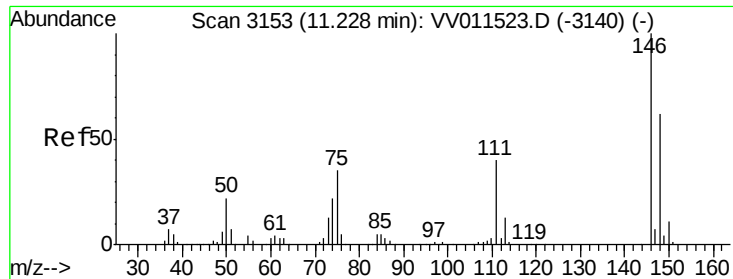


#44

trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011540.D
Acq: 15 Jun 2019 15:34

Tgt Ion: 75 Resp: 1241
Ion Ratio Lower Upper
75 100
77 35.9 22.8 42.4





#62

1,3-Dichlorobenzene

Concen: 0.130 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.09 min

Lab File: VV011540.D

Acq: 15 Jun 2019 15:34

Instrument :

MSVOA_V

ClientSampleId :

COM82

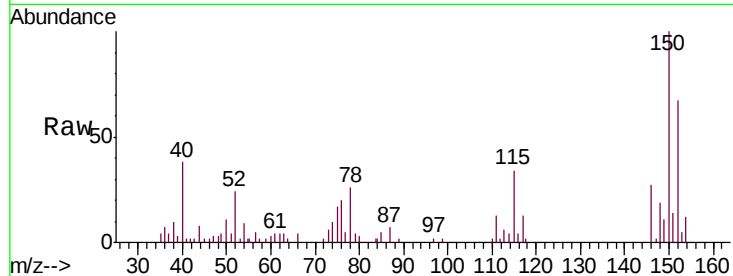
Tgt Ion:146 Resp: 2685

Ion Ratio Lower Upper

146 100

111 46.4 29.2 54.2

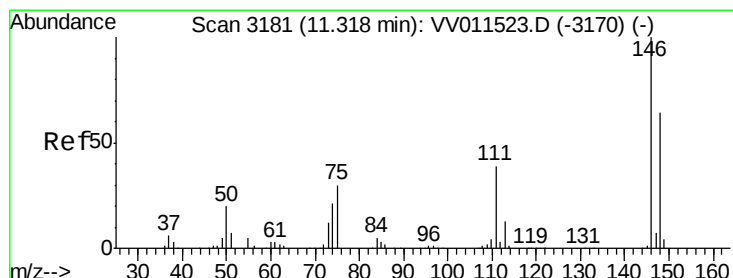
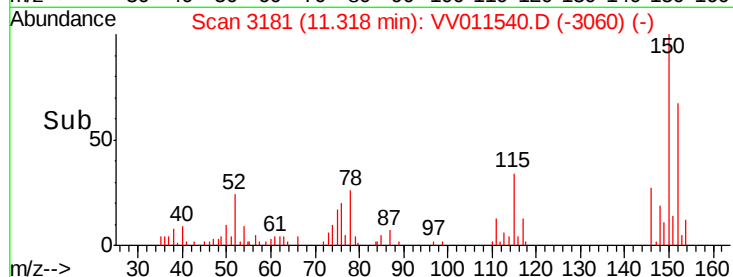
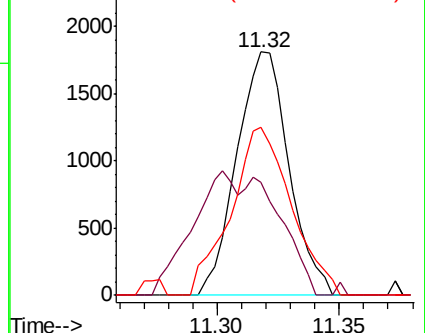
148 68.8 44.3 82.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.128 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. -0.00 min

Lab File: VV011540.D

Acq: 15 Jun 2019 15:34

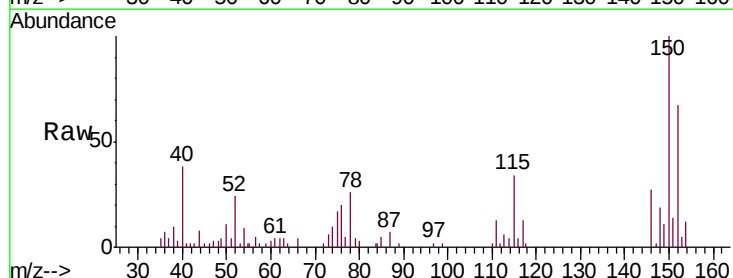
Tgt Ion:146 Resp: 2685

Ion Ratio Lower Upper

146 100

111 46.4 26.7 49.7

148 68.8 44.2 82.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

