

Data File : VV007648.D
Acq On : 20 Sep 2018 11:33
Operator : SY/MD
Sample : J4900-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3Z91

Quant Time: Sep 21 01:38:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	111738	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21710	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	24335	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.14	63	54666	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	3.96	46	60026	51.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	4.41	84	52602	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	27878	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	103622	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	30793	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	105978	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	12182	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	44598	46.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24976	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	49006	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	21379	3.066 ug/L	99
6) Bromomethane	1.54	94	15414	2.827 ug/L	100
8) Chloroethane	1.60	64	503	0.095 ug/L #	41
9) Trichlorofluoromethane	1.77	101	109930	6.474 ug/L	100
12) 1,1-Dichloroethene	2.15	96	26060	3.201 ug/L	89
13) Acetone	2.21	43	81167	71.920 ug/L	97
14) Carbon disulfide	2.32	76	98301	4.530 ug/L	100
15) Methyl Acetate	2.21	43	77749	27.944 ug/L #	49
16) Methylene chloride	2.54	84	18235	2.206 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	151206	7.936 ug/L	100
19) 1,1-Dichloroethane	3.23	63	95270	7.851 ug/L	99
21) 2-Butanone	4.05	43	156578	109.990 ug/L	99
27) 1,2-Dichloroethane	5.19	62	53265	6.802 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	99303	7.951 ug/L	98
30) Cyclohexane	4.73	56	108442	10.177 ug/L	98
31) Carbon tetrachloride	4.66	117	13378	1.171 ug/L	97
34) Trichloroethene	5.96	95	40548	4.935 ug/L	96

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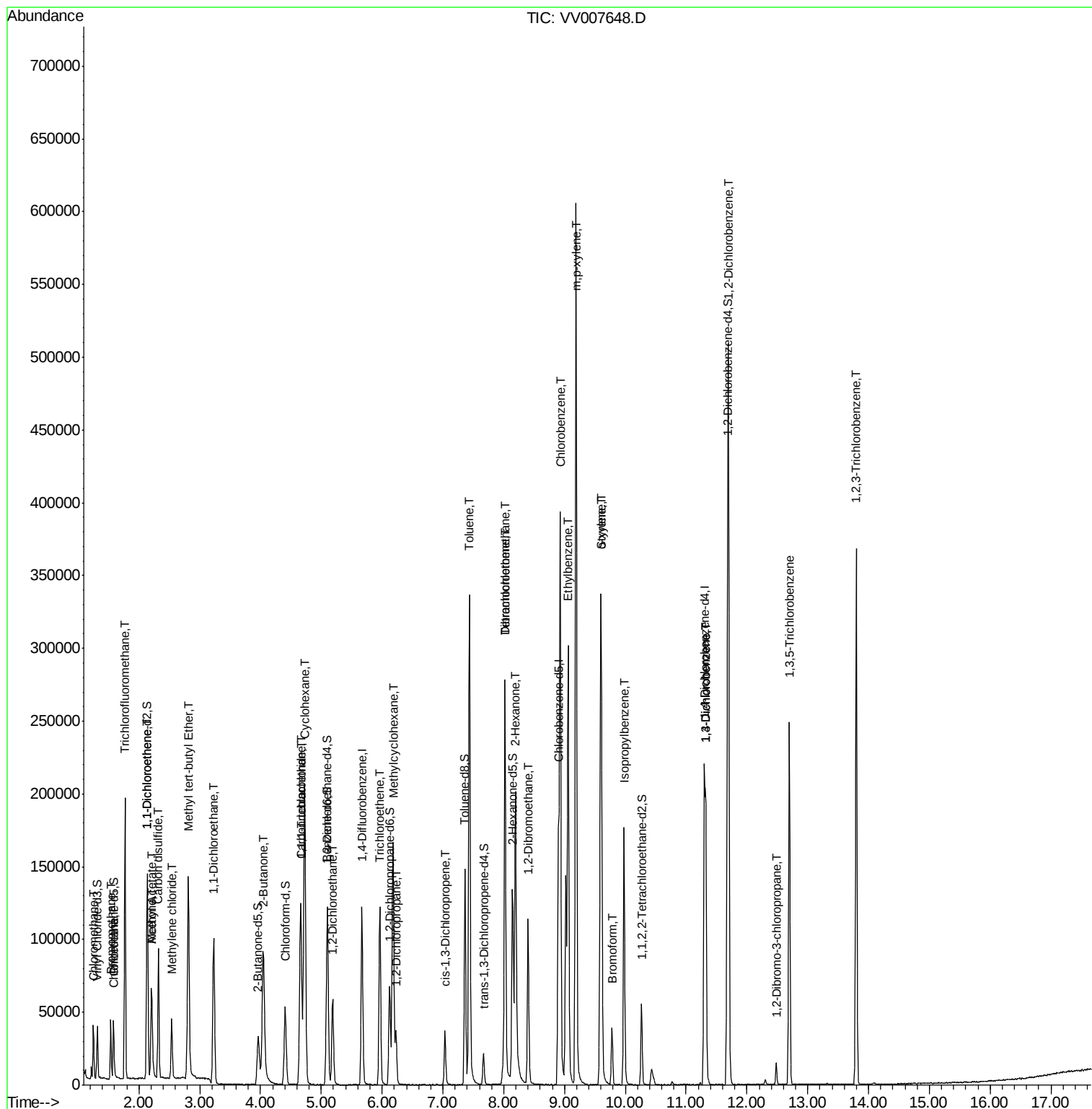
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.18	83	74740	5.892	ug/L	99
37) 1,2-Dichloropropane	6.23	63	13339	1.977	ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	1027	0.105	ug/L #	68
42) Toluene	7.43	91	258453	8.125	ug/L	99
47) Tetrachloroethene	8.02	164	64394	7.975	ug/L	97
48) 2-Hexanone	8.19	43	136323	52.748	ug/L	98
49) Dibromochloromethane	8.02	129	53720	8.313	ug/L #	10
50) 1,2-Dibromoethane	8.40	107	74431	15.122	ug/L	96
51) Chlorobenzene	8.93	112	220511	9.995	ug/L	98
52) Ethylbenzene	9.06	91	216287	6.014	ug/L	98
53) m,p-xylene	9.19	106	173096	12.245	ug/L	95
54) o-xylene	9.59	106	70180	5.045	ug/L	98
55) Styrene	9.61	104	116502	5.124	ug/L	99
56) Isopropylbenzene	9.98	105	119920	3.168	ug/L	98
61) Bromoform	9.78	173	17731	4.743	ug/L	99
62) 1,3-Dichlorobenzene	11.32	146	79063	4.108	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	79063	4.086	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	202186	11.168	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3285	3.989	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	83311	4.996	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	117407	9.378	ug/L	98

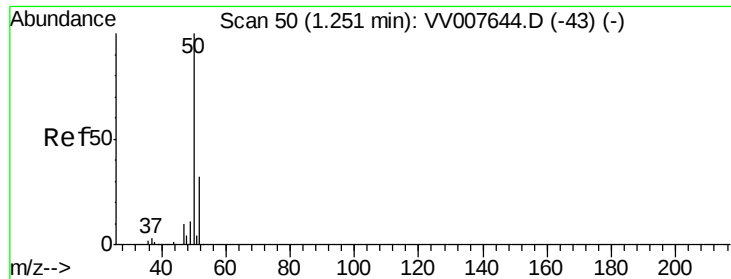
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.066 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

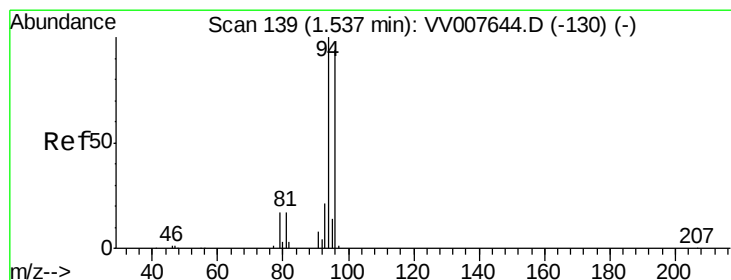
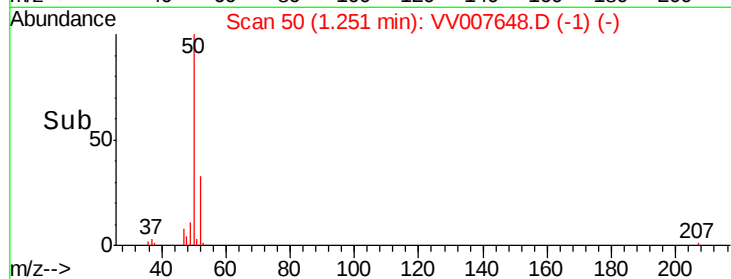
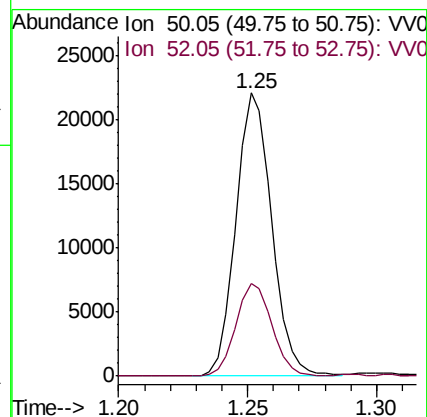
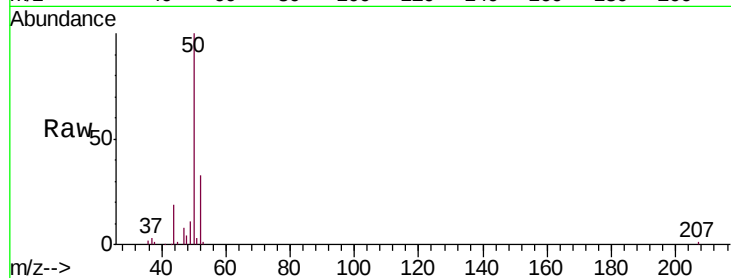
A3Z91

Tgt Ion: 50 Resp: 21379

Ion Ratio Lower Upper

50 100

52 32.8 23.2 43.2



#6

Bromomethane

Concen: 2.827 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV007648.D

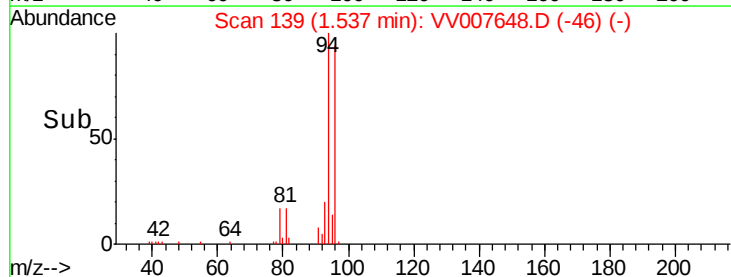
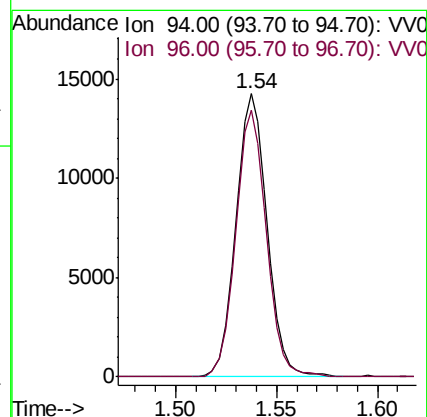
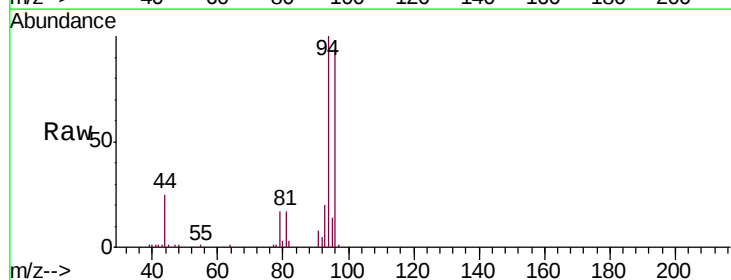
Acq: 20 Sep 2018 11:33

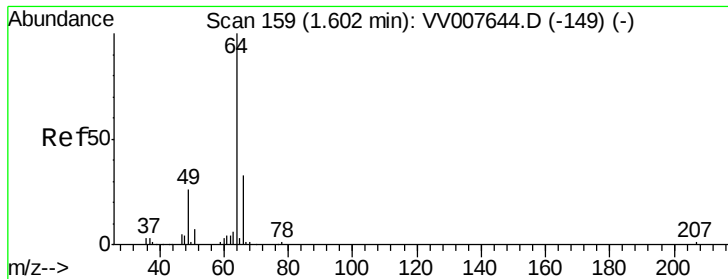
Tgt Ion: 94 Resp: 15414

Ion Ratio Lower Upper

94 100

96 94.2 65.6 121.8





#8

Chloroethane

Concen: 0.095 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

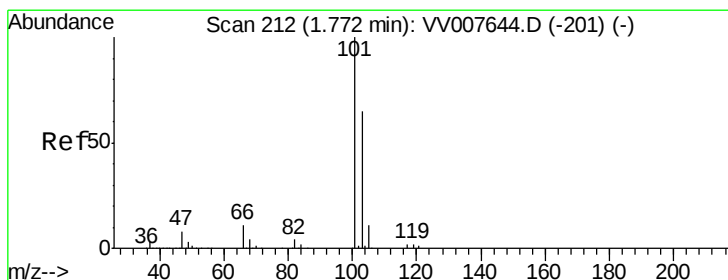
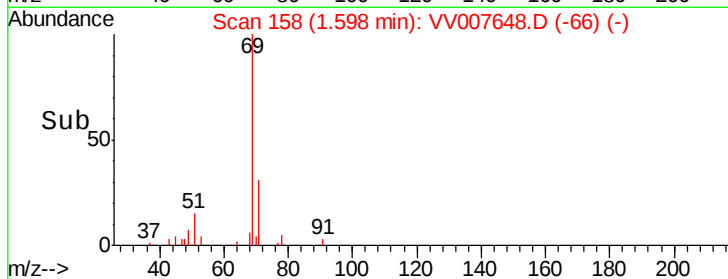
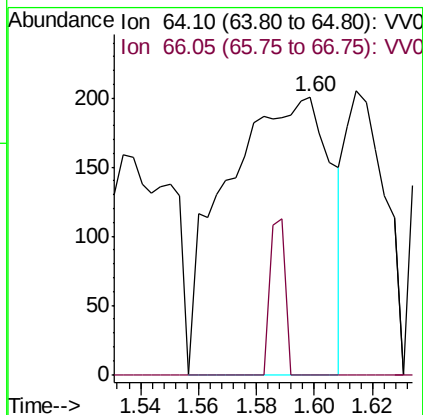
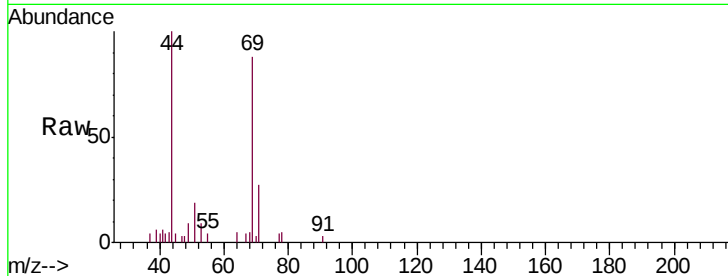
A3Z91

Tgt Ion: 64 Resp: 503

Ion Ratio Lower Upper

64 100

66 0.0 23.4 43.4#



#9

Trichlorofluoromethane

Concen: 6.474 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV007648.D

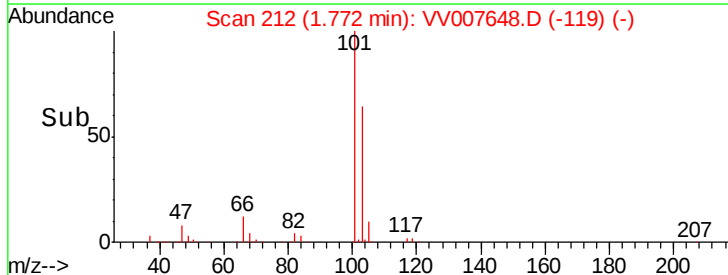
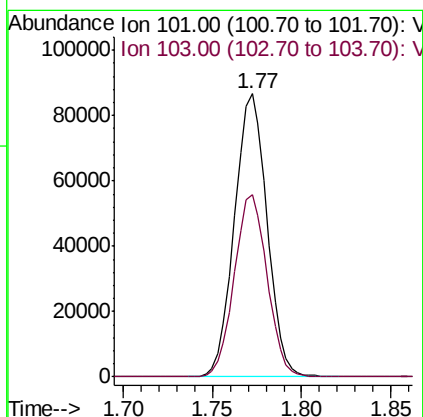
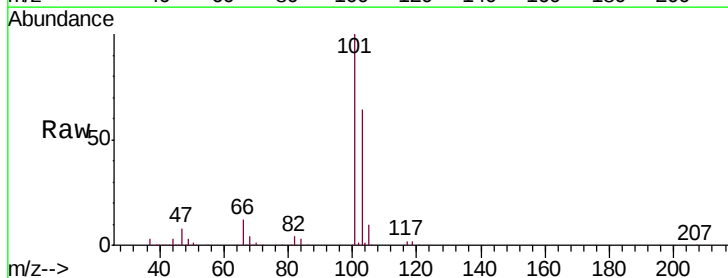
Acq: 20 Sep 2018 11:33

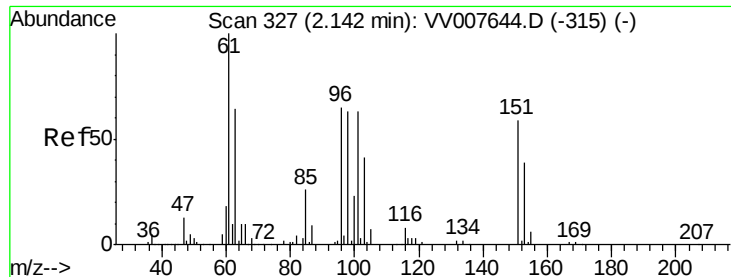
Tgt Ion: 101 Resp: 109930

Ion Ratio Lower Upper

101 100

103 65.2 51.9 77.9





#12

1,1-Dichloroethene

Concen: 3.201 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

A3Z91

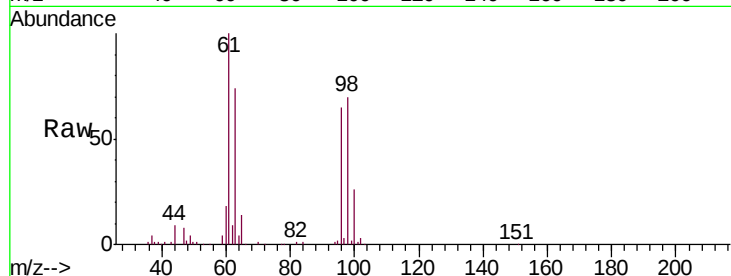
Tgt Ion: 96 Resp: 26060

Ion Ratio Lower Upper

96 100

61 154.6 104.3 193.7

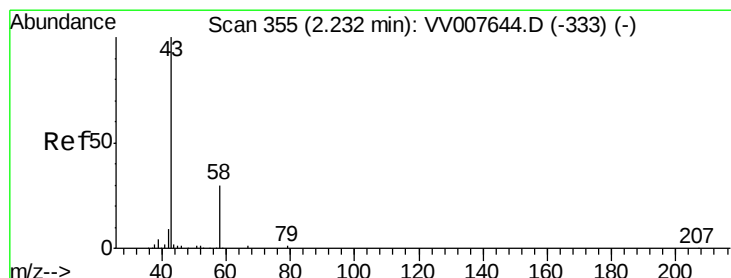
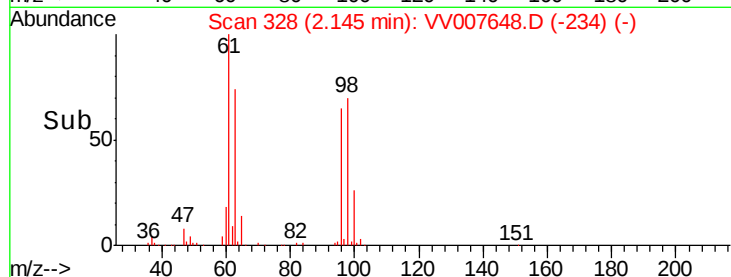
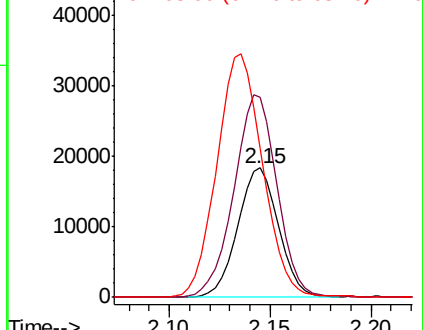
63 114.6 65.2 121.2



Abundance Ion 96.00 (95.70 to 96.70): VV007648.D (-234) (-)

Ion 61.05 (60.75 to 61.75): VV007648.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV007648.D (-234) (-)



#13

Acetone

Concen: 71.920 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV007648.D

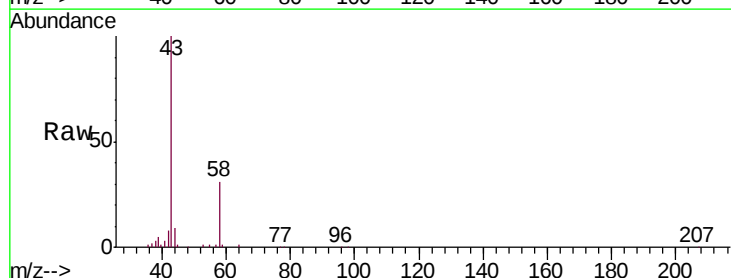
Acq: 20 Sep 2018 11:33

Tgt Ion: 43 Resp: 81167

Ion Ratio Lower Upper

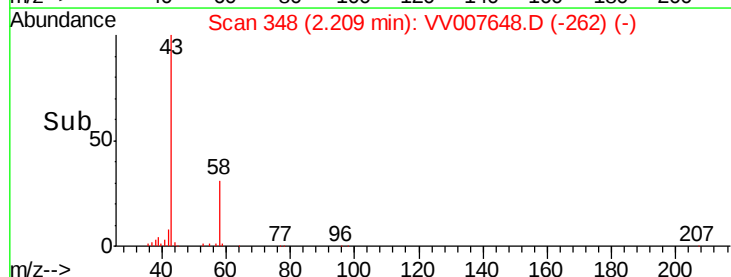
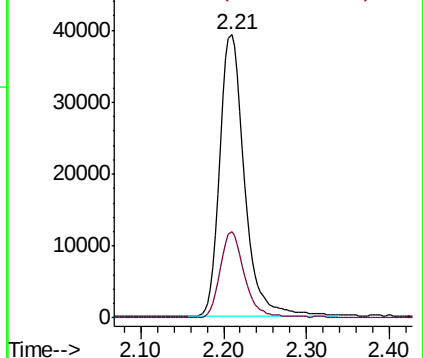
43 100

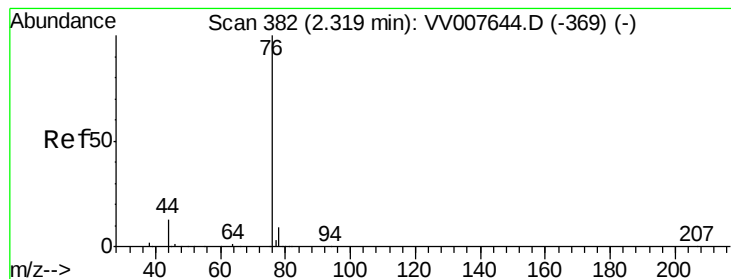
58 29.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV007648.D (-262) (-)

Ion 58.05 (57.75 to 58.75): VV007648.D (-262) (-)





#14

Carbon disulfide

Concen: 4.530 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

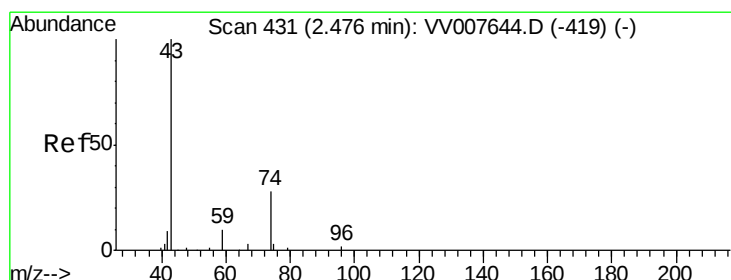
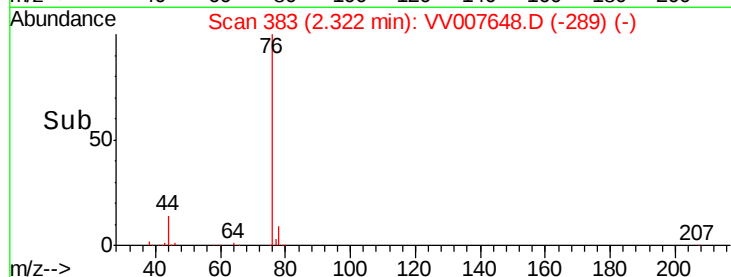
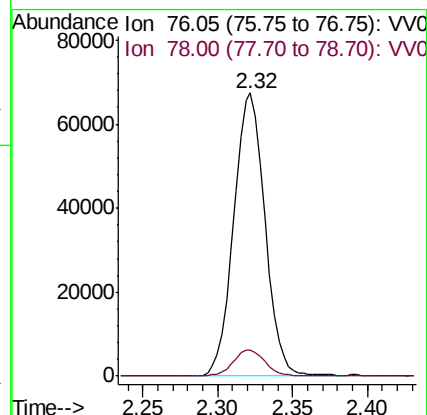
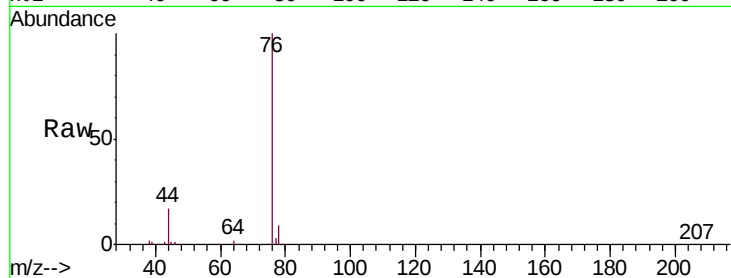
A3Z91

Tgt Ion: 76 Resp: 98301

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



#15

Methyl Acetate

Concen: 27.944 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.27 min

Lab File: VV007648.D

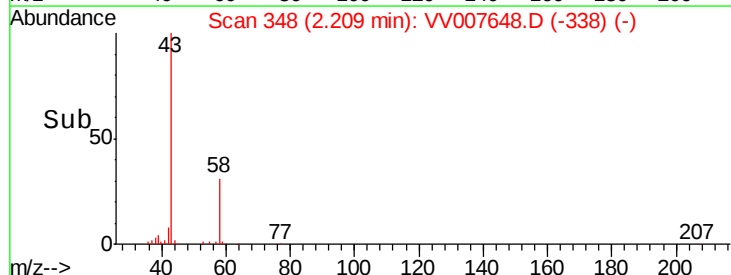
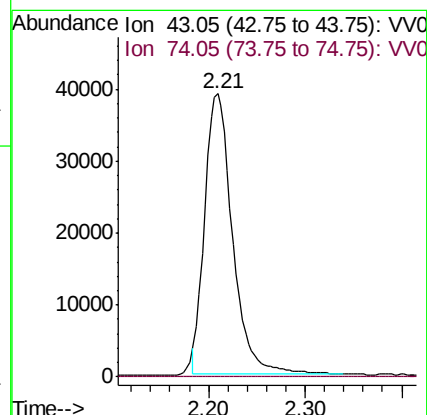
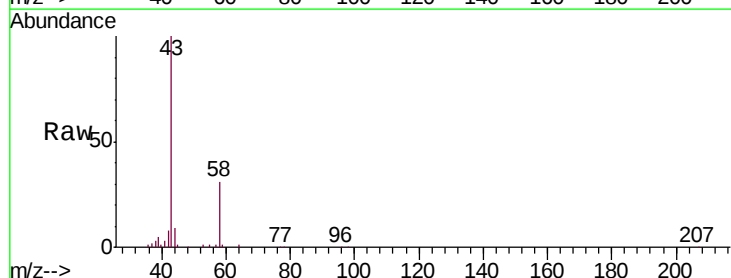
Acq: 20 Sep 2018 11:33

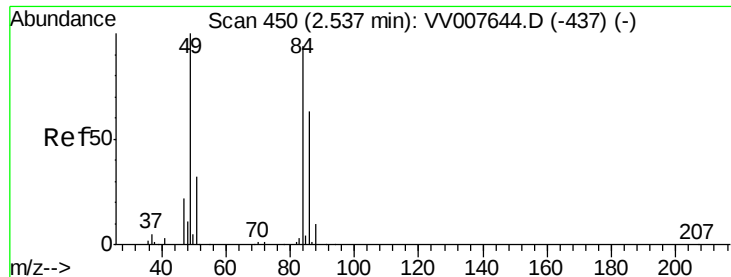
Tgt Ion: 43 Resp: 77749

Ion Ratio Lower Upper

43 100

74 0.0 20.6 30.8#

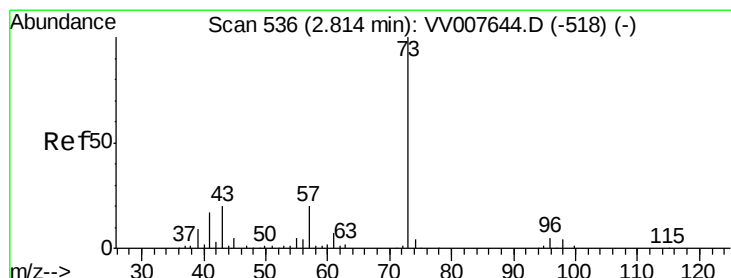
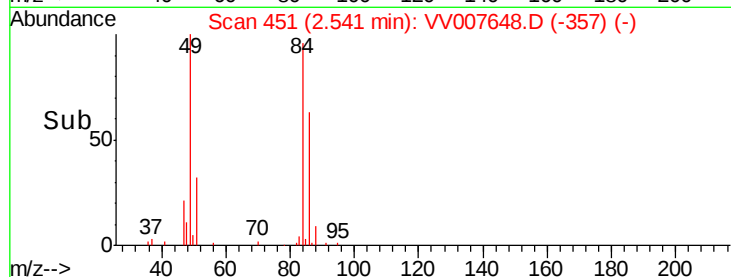
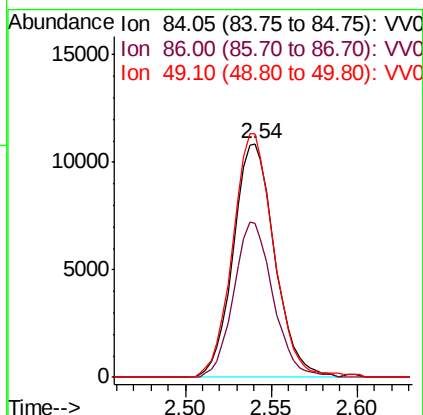
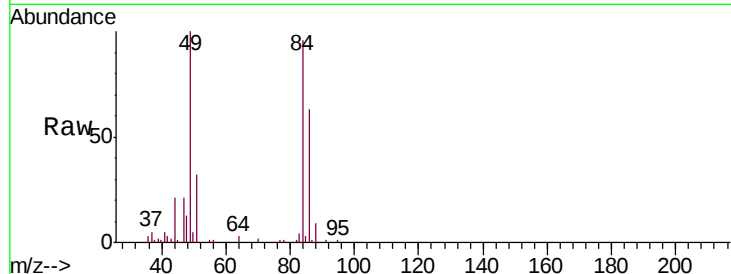




#16
Methylene chloride
Concen: 2.206 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007648.D
Acq: 20 Sep 2018 11:33

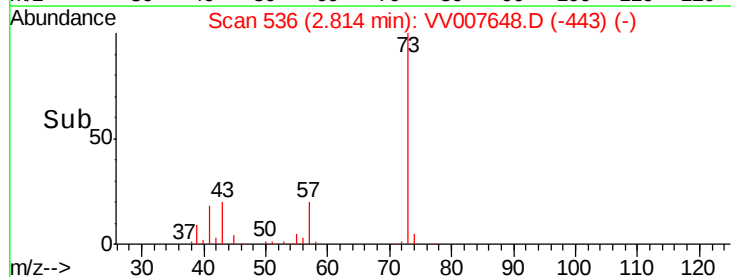
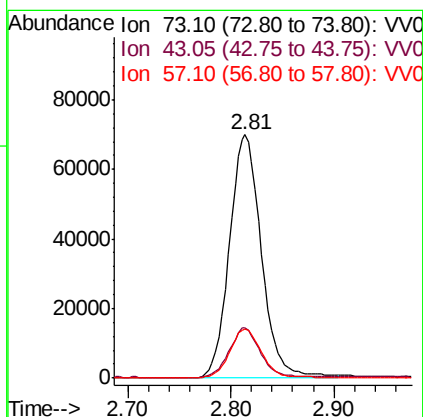
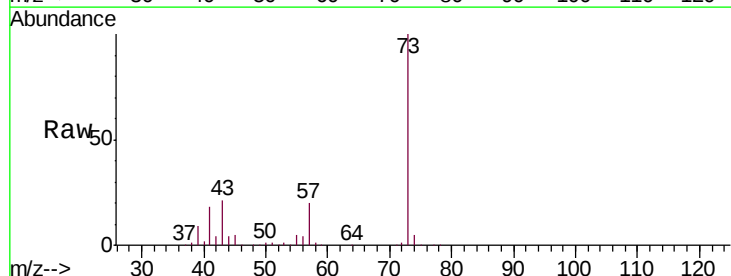
Instrument :
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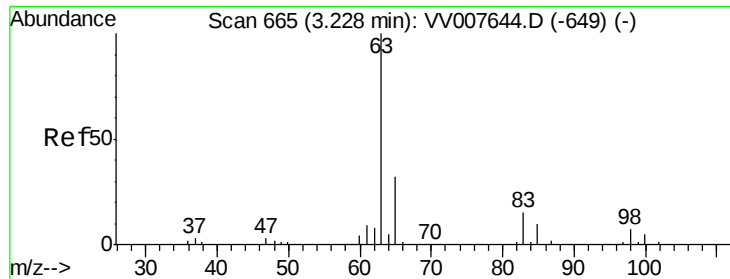
Tgt Ion: 84 Resp: 18235
Ion Ratio Lower Upper
84 100
86 65.8 46.1 85.5
49 104.1 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 7.936 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV007648.D
Acq: 20 Sep 2018 11:33

Tgt Ion: 73 Resp: 151206
Ion Ratio Lower Upper
73 100
43 19.7 15.7 23.5
57 19.9 15.8 23.8

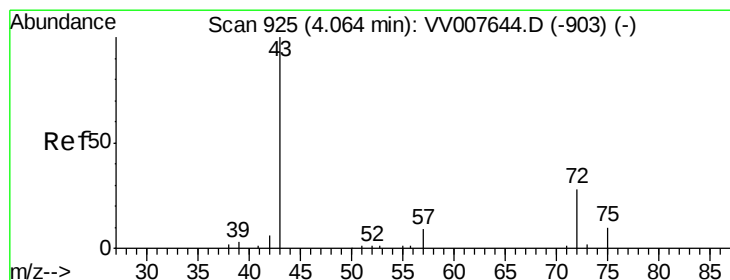
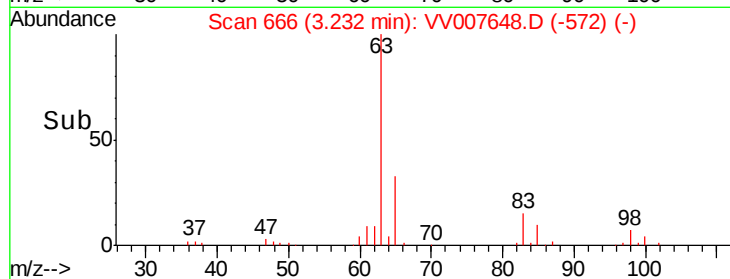
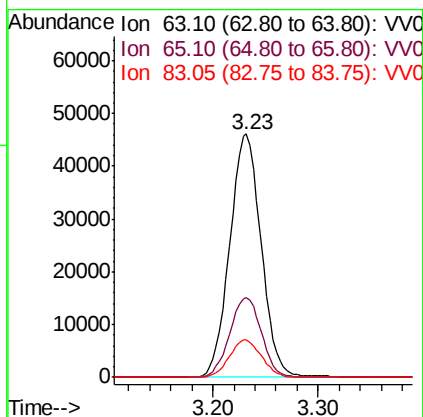
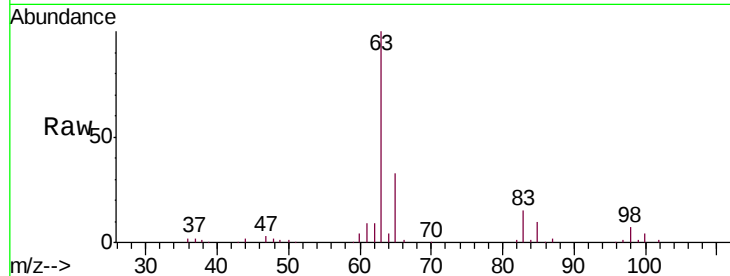




#19
 1,1-Dichloroethane
 Concen: 7.851 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

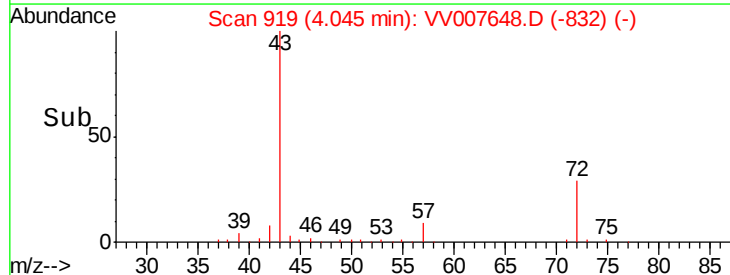
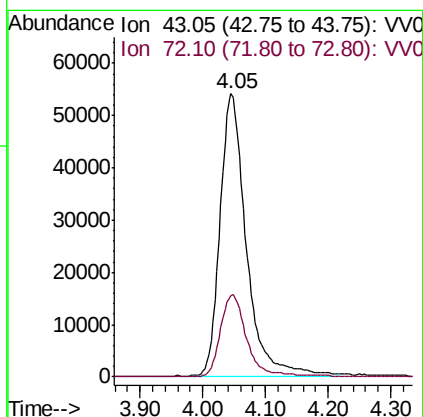
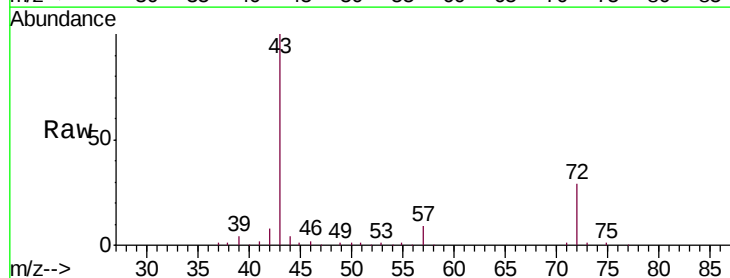
Instrument :
 MSVOA_V
 ClientSampled :
 A3Z91

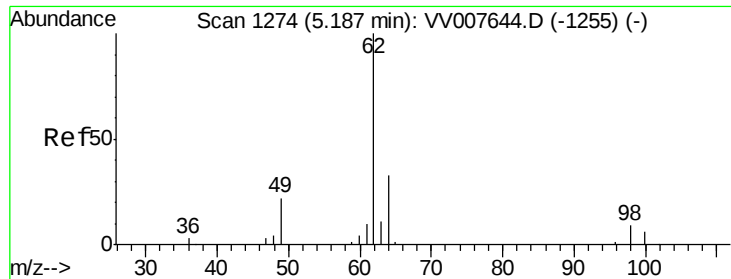
Tgt Ion: 63 Resp: 95270
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.6 42.0
 83 15.3 10.4 19.4



#21
 2-Butanone
 Concen: 109.990 ug/L
 RT: 4.05 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

Tgt Ion: 43 Resp: 156578
 Ion Ratio Lower Upper
 43 100
 72 29.3 14.8 44.4

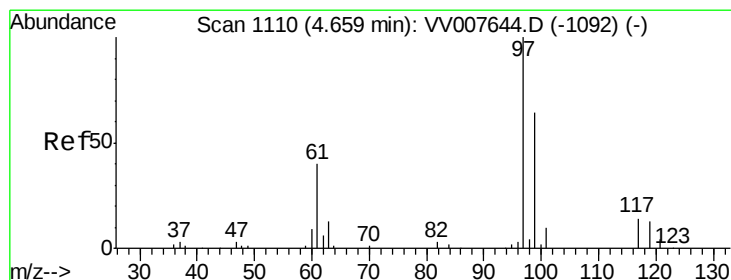
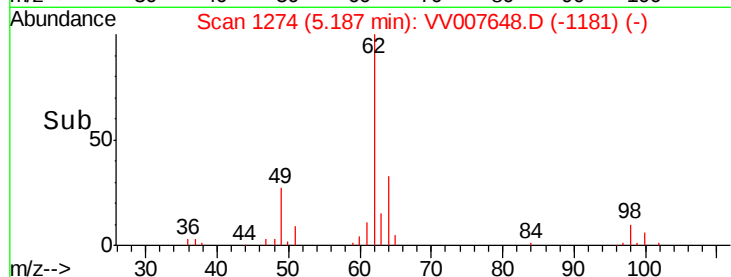
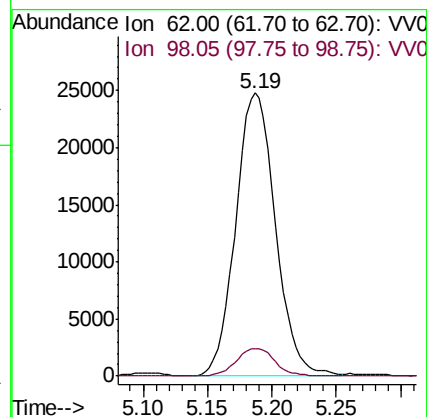
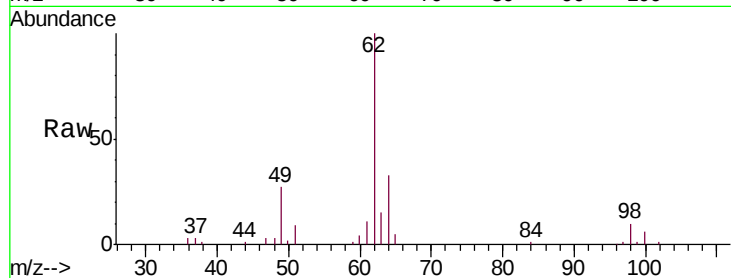




#27
 1,2-Dichloroethane
 Concen: 6.802 ug/L
 RT: 5.19 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

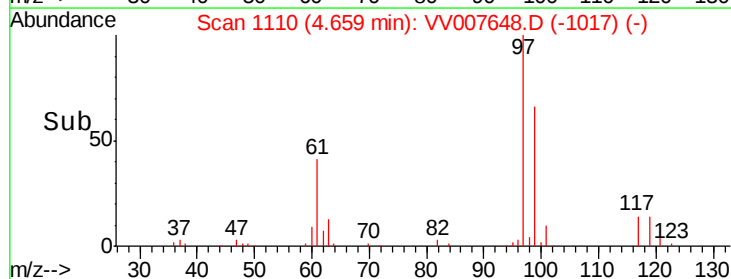
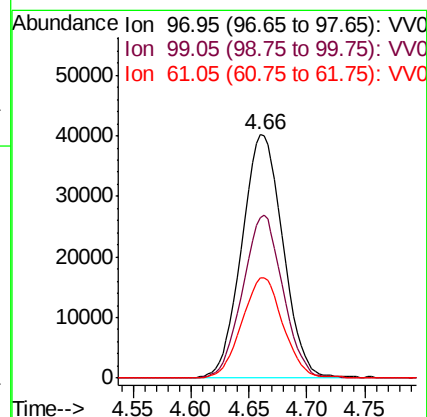
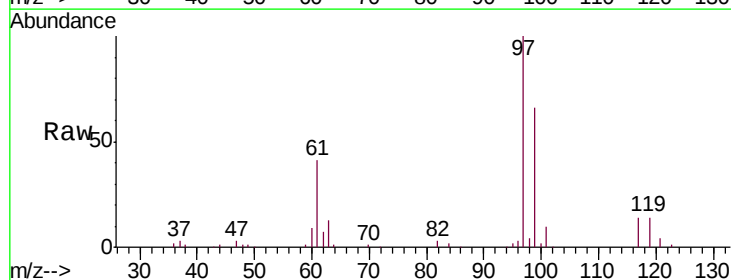
Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z91

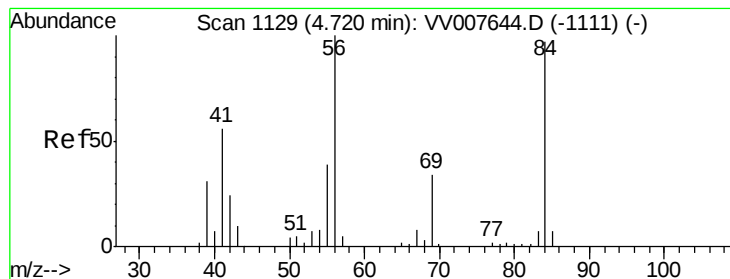
Tgt Ion: 62 Resp: 53265
 Ion Ratio Lower Upper
 62 100
 98 9.5 7.5 11.3



#29
 1,1,1-Trichloroethane
 Concen: 7.951 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

Tgt Ion: 97 Resp: 99303
 Ion Ratio Lower Upper
 97 100
 99 65.5 50.6 76.0
 61 41.4 32.8 49.2





#30

Cyclohexane

Concen: 10.177 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.01 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

A3Z91

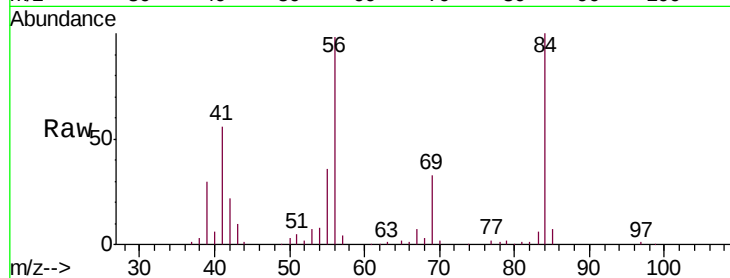
Tgt Ion: 56 Resp: 108442

Ion Ratio Lower Upper

56 100

69 32.7 26.9 40.3

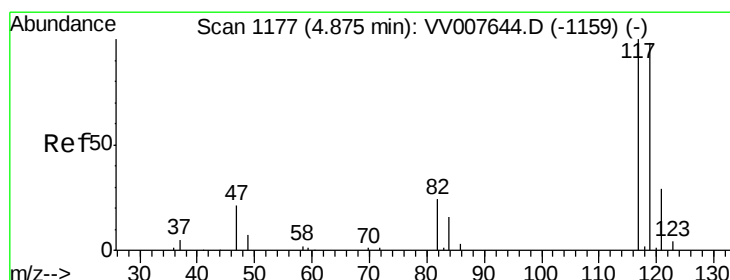
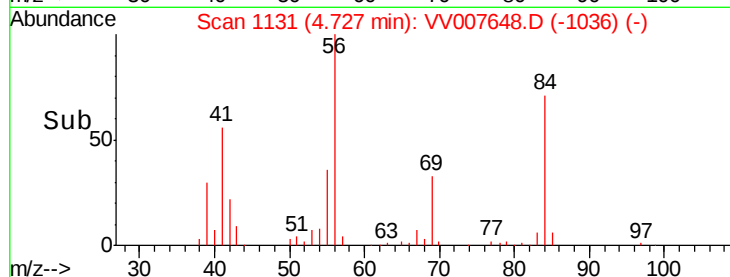
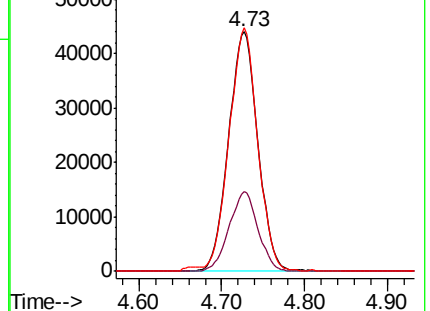
84 100.1 78.9 118.3



Abundance Ion 56.10 (55.80 to 56.80): VV007644.D (-1111) (-)

Ion 69.15 (68.85 to 69.85): VV007644.D (-1111) (-)

Ion 84.15 (83.85 to 84.85): VV007644.D (-1111) (-)



#31

Carbon tetrachloride

Concen: 1.171 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.21 min

Lab File: VV007648.D

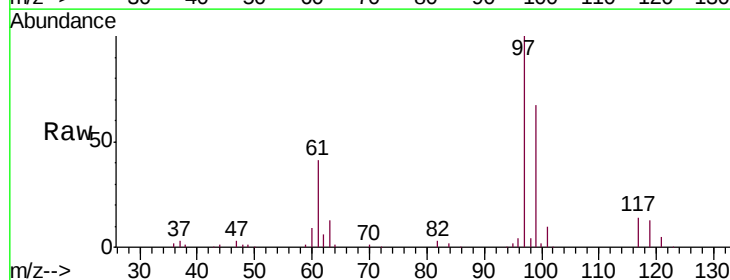
Acq: 20 Sep 2018 11:33

Tgt Ion: 117 Resp: 13378

Ion Ratio Lower Upper

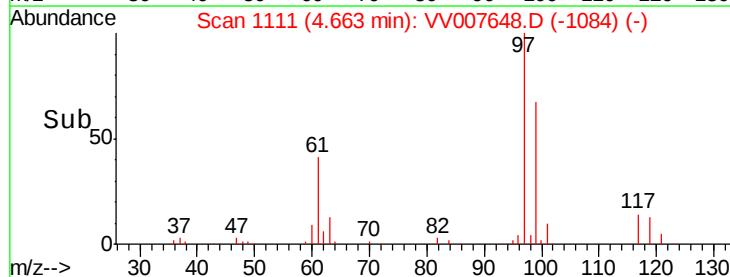
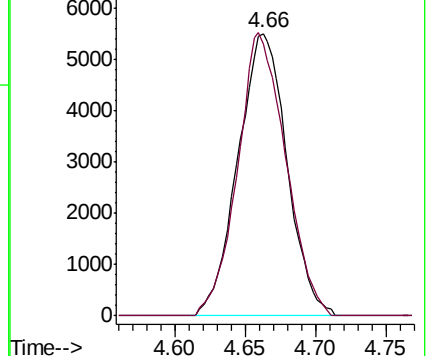
117 100

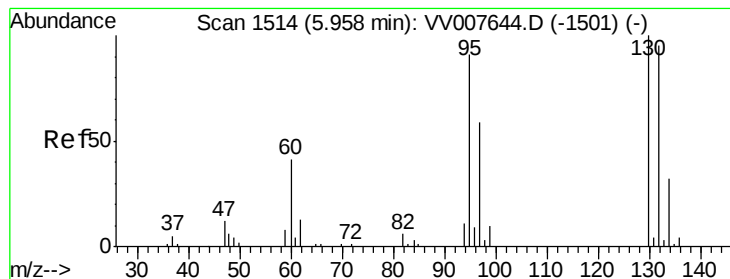
119 98.2 75.9 113.9



Abundance Ion 116.90 (116.60 to 117.60): VV007644.D (-1159) (-)

Ion 118.90 (118.60 to 119.60): VV007644.D (-1159) (-)





#34

Trichloroethene

Concen: 4.935 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

A3Z91

Tgt Ion: 95 Resp: 40548

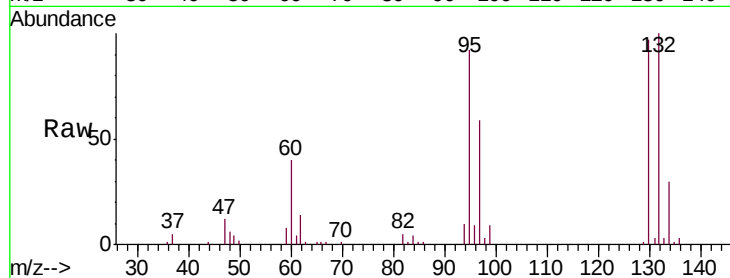
Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.9

132 108.5 78.2 145.2

130 105.6 78.8 146.3

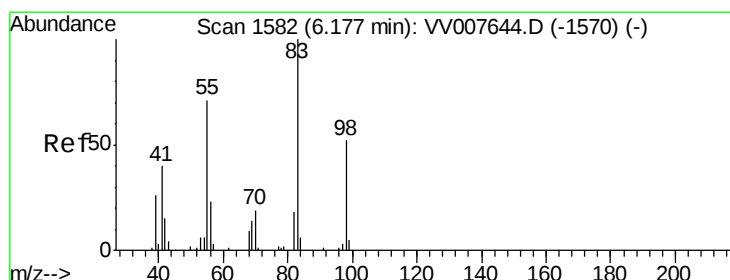
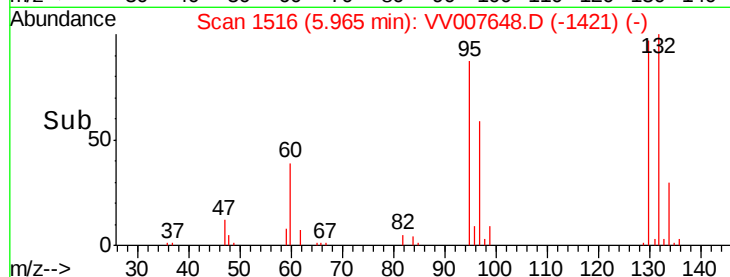
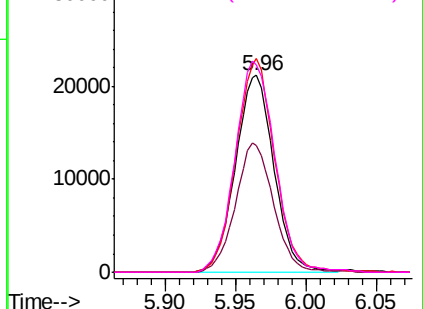


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.892 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

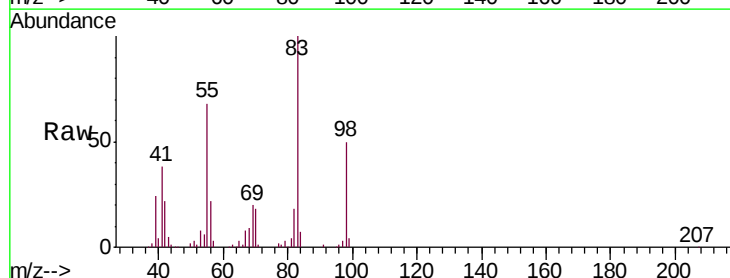
Tgt Ion: 83 Resp: 74740

Ion Ratio Lower Upper

83 100

55 68.2 54.8 82.2

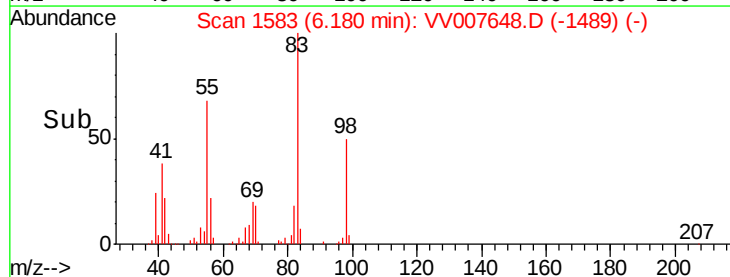
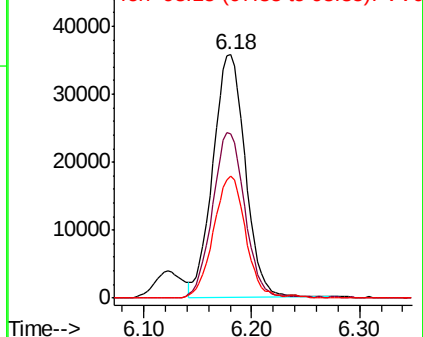
98 49.5 40.7 61.1

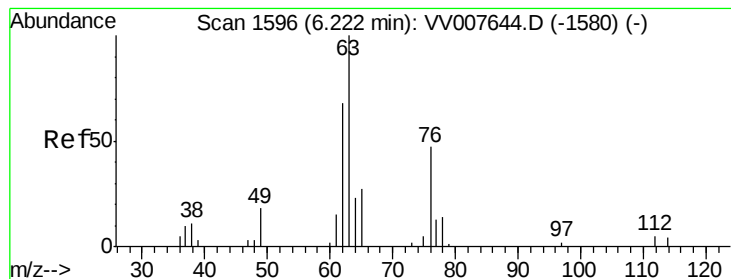


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 1.977 ug/L

RT: 6.23 min Scan# 1598

Delta R.T. 0.01 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

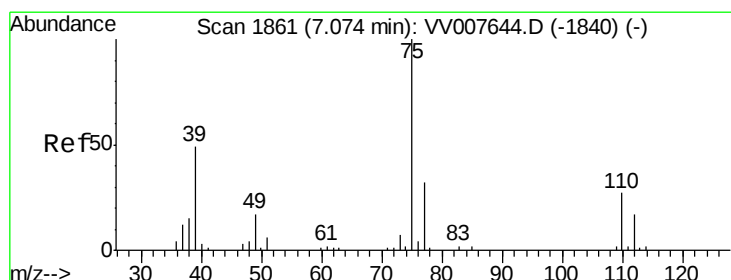
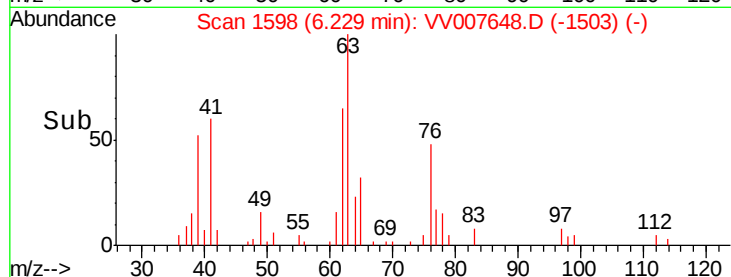
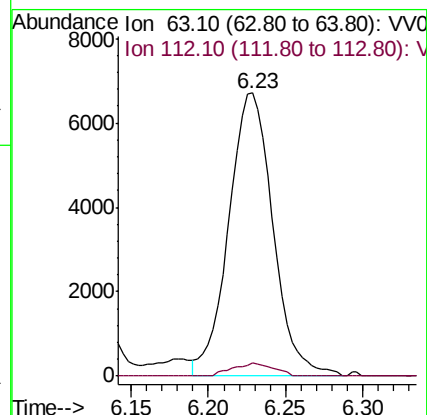
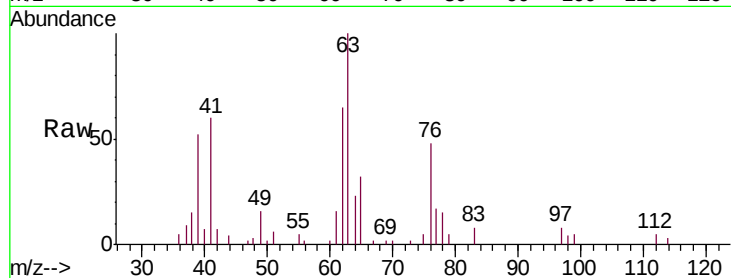
A3Z91

Tgt Ion: 63 Resp: 13339

Ion Ratio Lower Upper

63 100

112 4.3 3.9 5.9



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007648.D

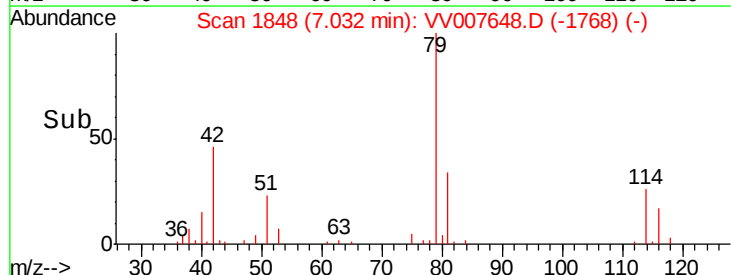
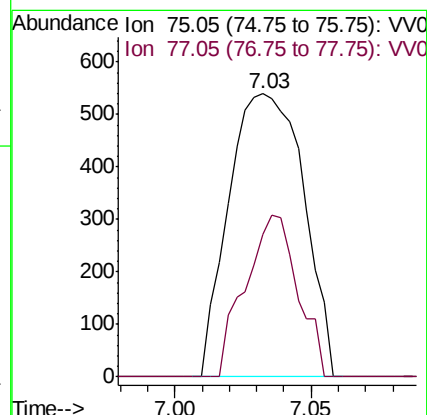
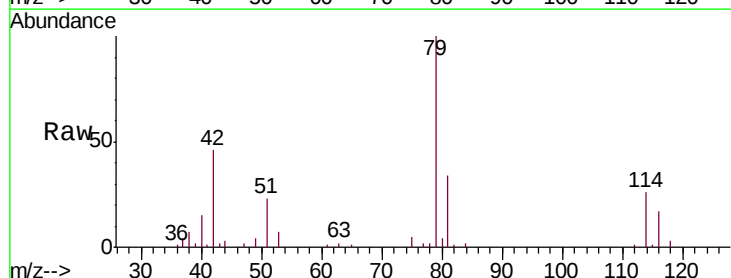
Acq: 20 Sep 2018 11:33

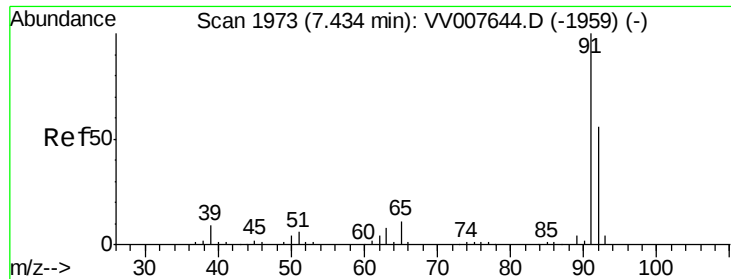
Tgt Ion: 75 Resp: 1027

Ion Ratio Lower Upper

75 100

77 50.3 22.7 42.3#





#42

Toluene

Concen: 8.125 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

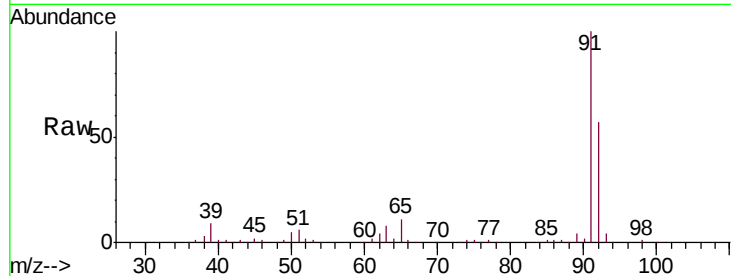
A3Z91

Tgt Ion: 91 Resp: 258453

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007644.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007644.D (-1959) (-)

7.43

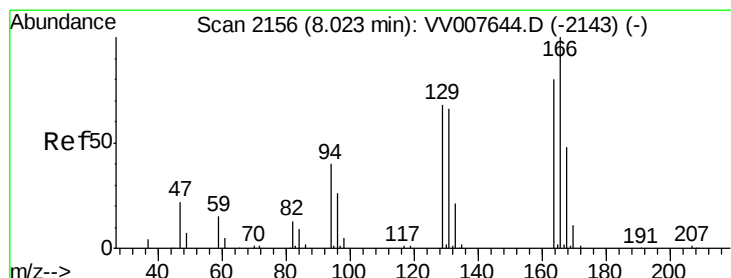
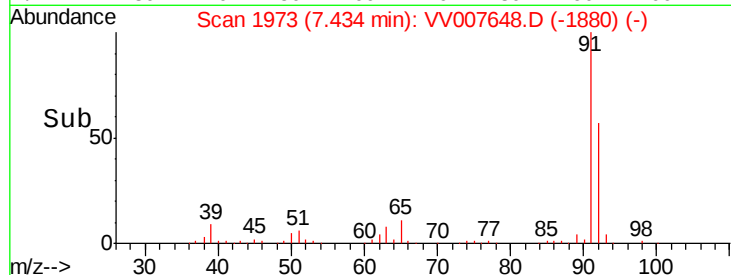
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 7.975 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Tgt Ion: 164 Resp: 64394

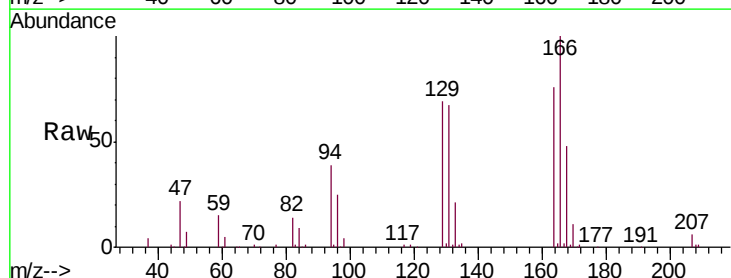
Ion Ratio Lower Upper

164 100

129 90.6 61.5 114.3

131 88.2 60.9 113.1

166 131.2 88.8 165.0



Abundance Ion 163.90 (163.60 to 164.60): VV007644.D (-2143) (-)

Ion 128.95 (128.65 to 129.65): VV007644.D (-2143) (-)

Ion 130.95 (130.65 to 131.65): VV007644.D (-2143) (-)

Ion 165.90 (165.60 to 166.60): VV007644.D (-2143) (-)

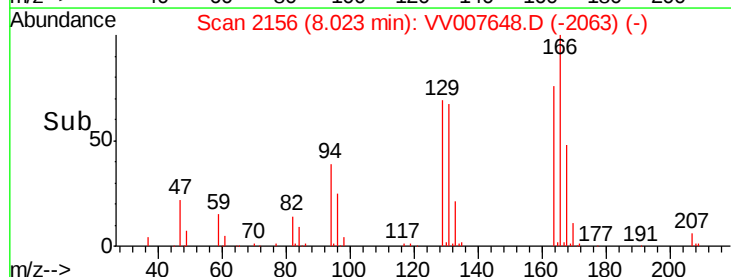
60000

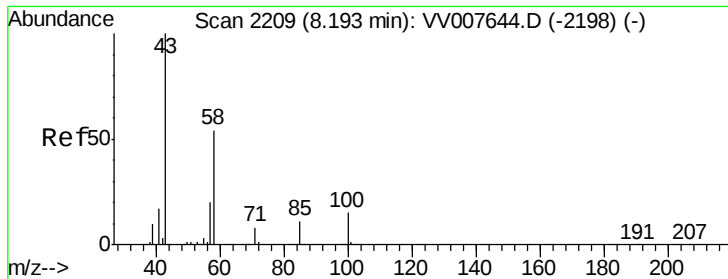
40000

20000

0

Time-->

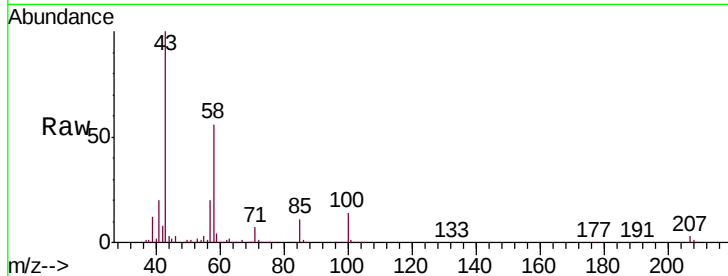




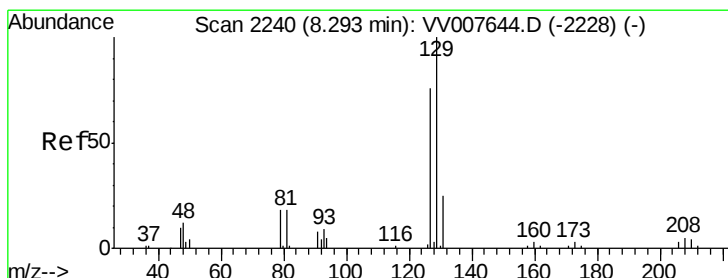
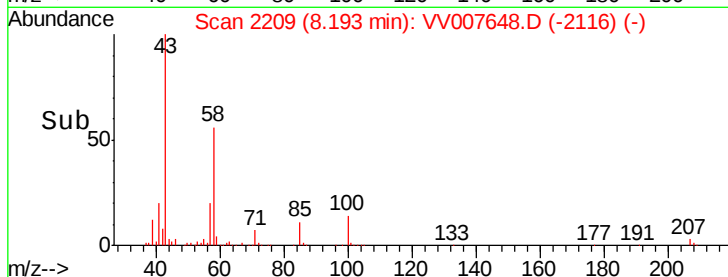
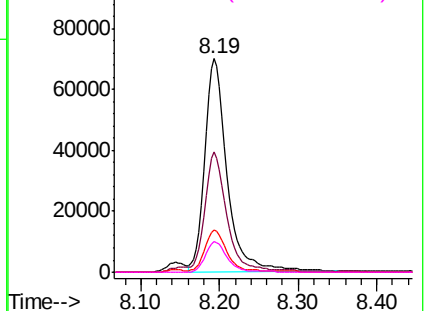
#48
2-Hexanone
Concen: 52.748 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV007648.D
Acq: 20 Sep 2018 11:33

Instrument :
MSVOA_V
ClientSampleId :
A3Z91

Tgt Ion: 43 Resp: 136323
Ion Ratio Lower Upper
43 100
58 58.4 45.3 67.9
57 18.9 16.6 24.8
100 14.5 11.4 17.0

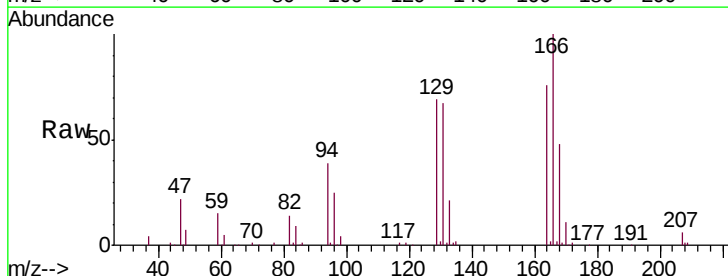


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

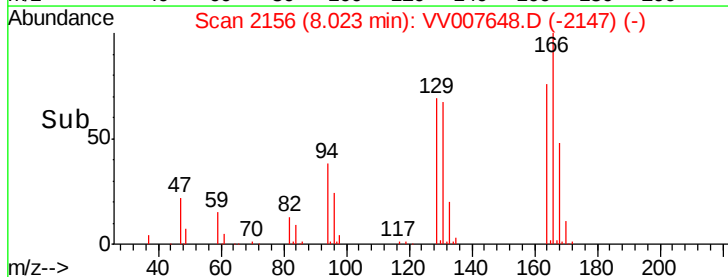
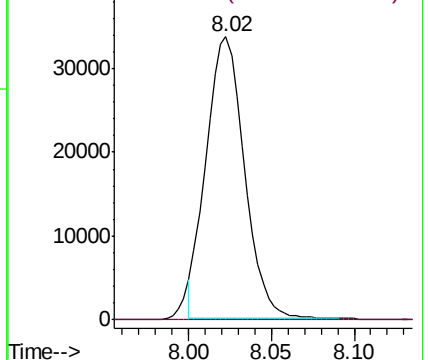


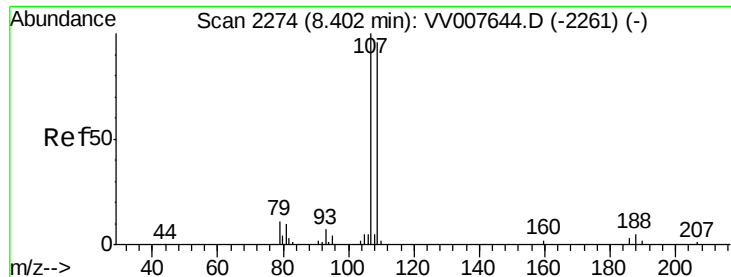
#49
Dibromochloromethane
Concen: 8.313 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007648.D
Acq: 20 Sep 2018 11:33

Tgt Ion: 129 Resp: 53720
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#50

1,2-Dibromoethane

Concen: 15.122 ug/L

RT: 8.40 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampled :

A3Z91

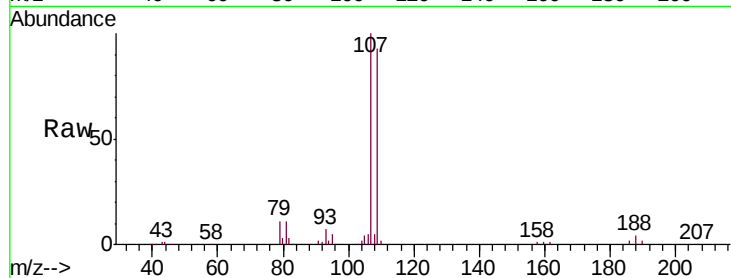
Tgt Ion:107 Resp: 74431

Ion Ratio Lower Upper

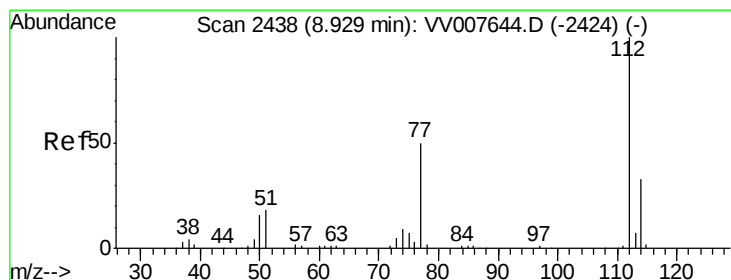
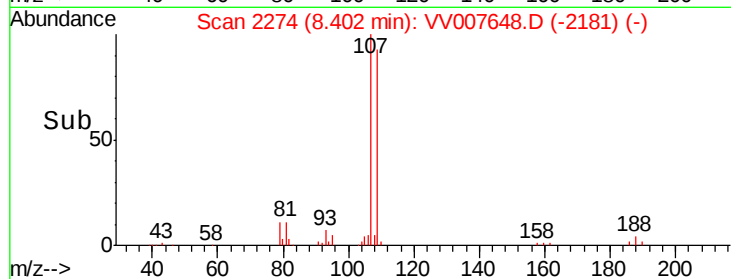
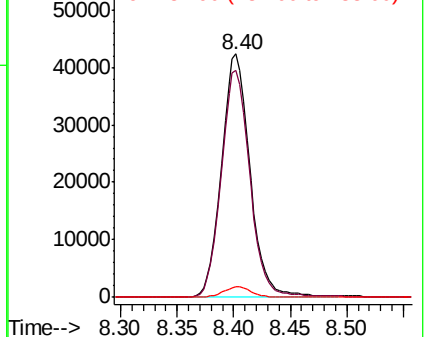
107 100

109 93.2 68.0 126.4

188 4.3 3.5 5.3



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#51

Chlorobenzene

Concen: 9.995 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

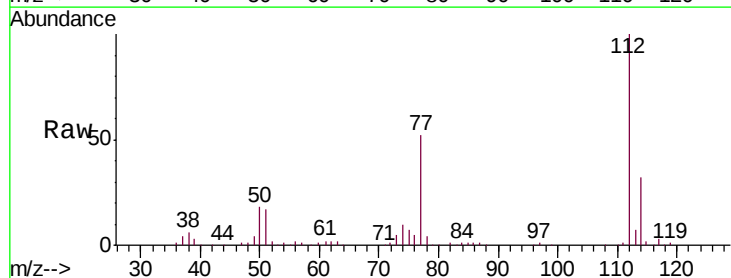
Tgt Ion:112 Resp: 220511

Ion Ratio Lower Upper

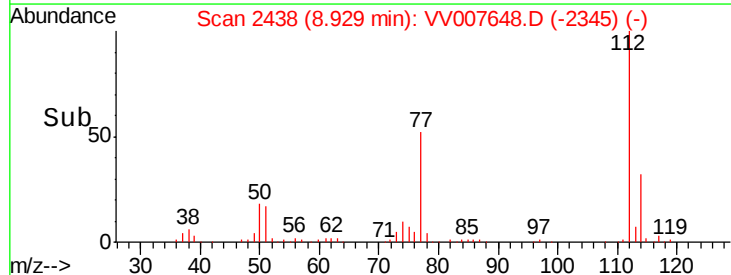
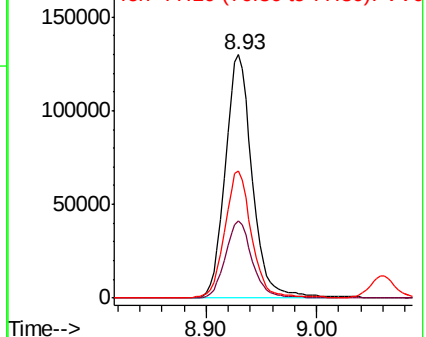
112 100

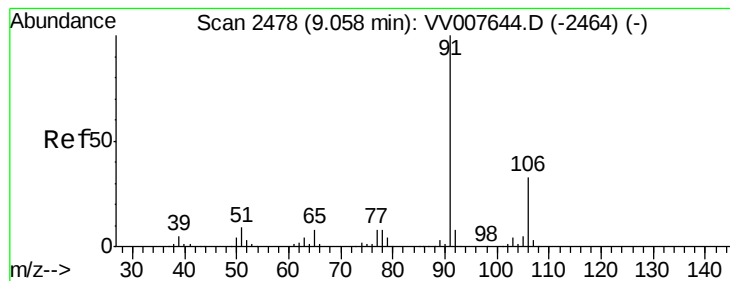
114 31.6 21.5 39.9

77 52.4 40.8 61.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 6.014 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

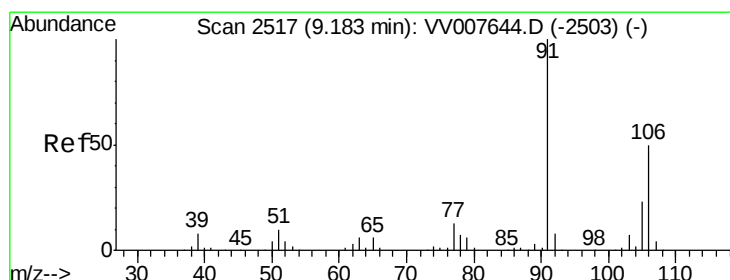
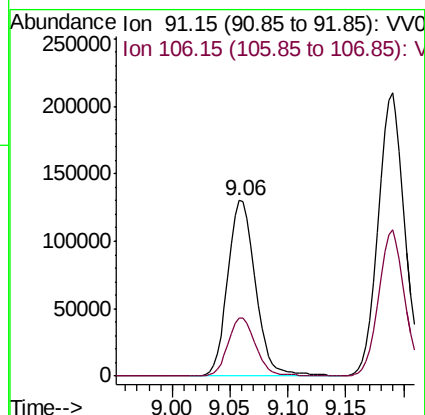
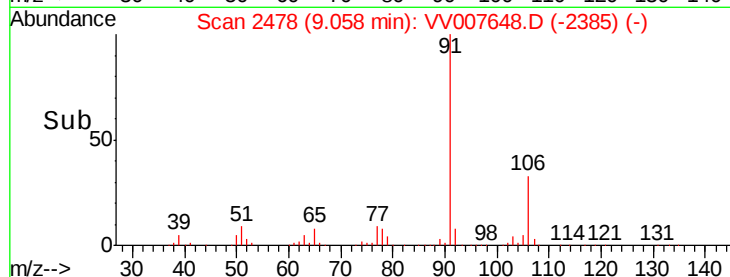
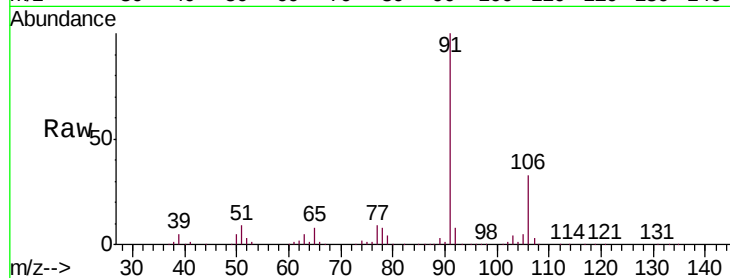
A3Z91

Tgt Ion: 91 Resp: 216287

Ion Ratio Lower Upper

91 100

106 32.8 22.1 41.1



#53

m,p-xylene

Concen: 12.245 ug/L

RT: 9.19 min Scan# 2519

Delta R.T. 0.01 min

Lab File: VV007648.D

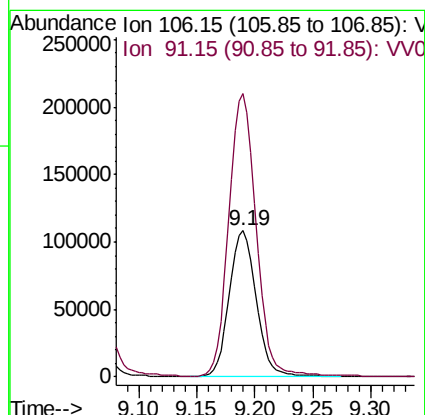
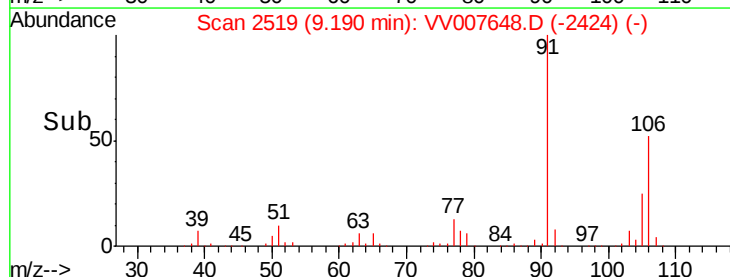
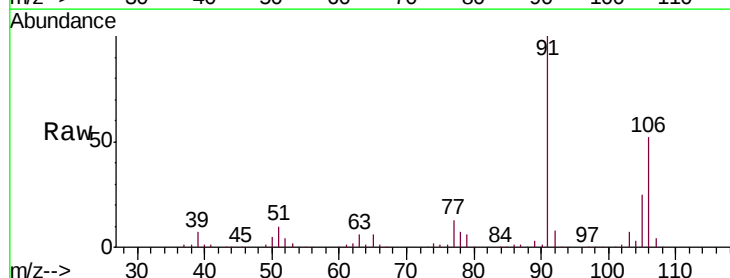
Acq: 20 Sep 2018 11:33

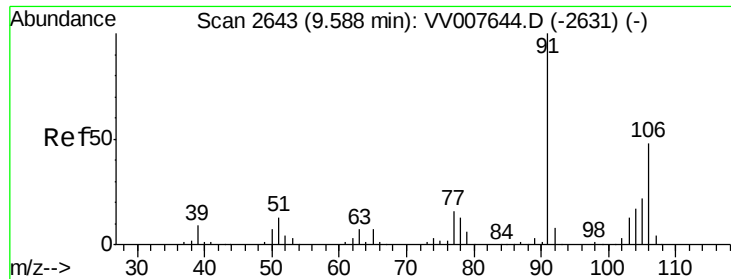
Tgt Ion: 106 Resp: 173096

Ion Ratio Lower Upper

106 100

91 194.1 140.9 261.7





#54

o-xylene

Concen: 5.045 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

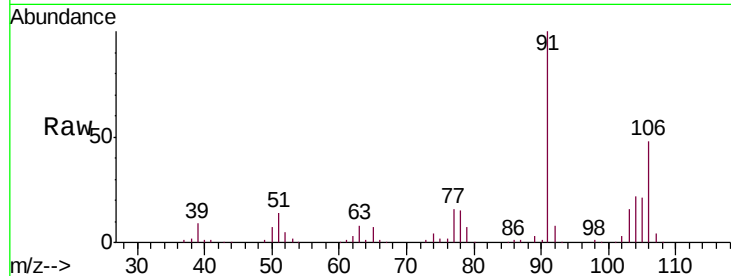
A3Z91

Tgt Ion:106 Resp: 70180

Ion Ratio Lower Upper

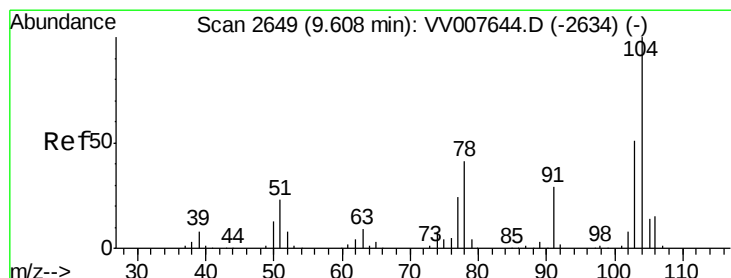
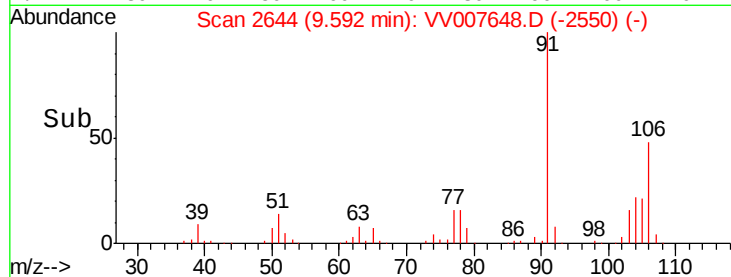
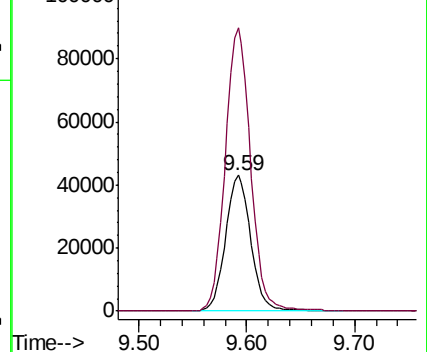
106 100

91 208.0 143.3 266.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.124 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV007648.D

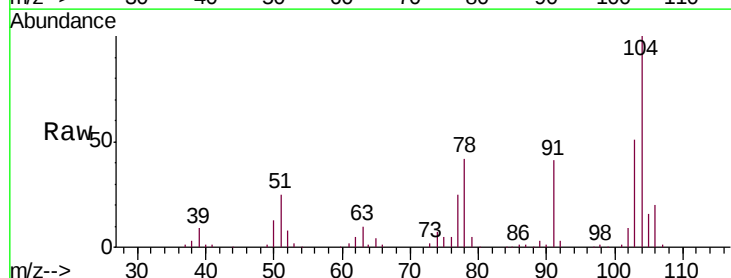
Acq: 20 Sep 2018 11:33

Tgt Ion:104 Resp: 116502

Ion Ratio Lower Upper

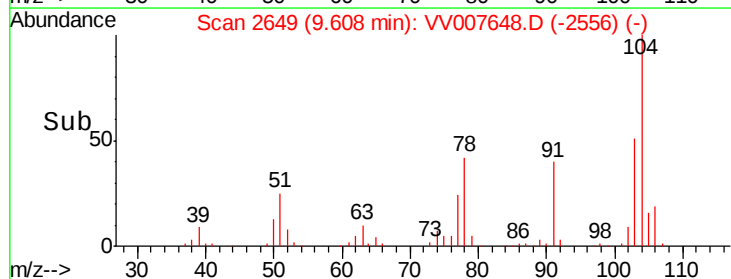
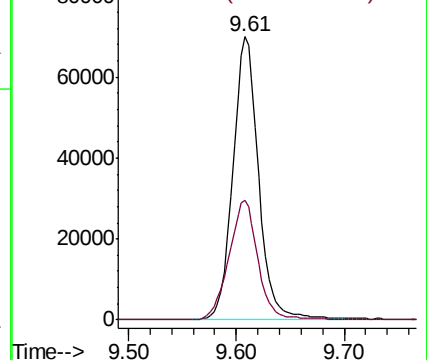
104 100

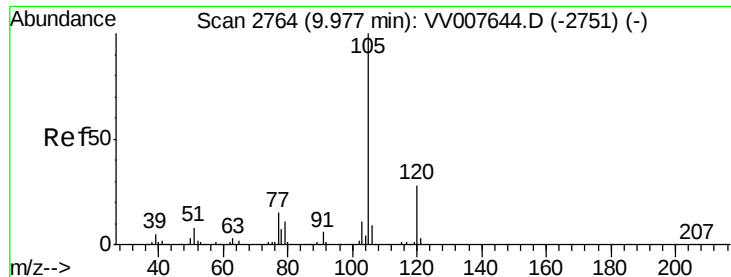
78 42.3 29.0 53.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 3.168 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_V

ClientSampleId :

A3Z91

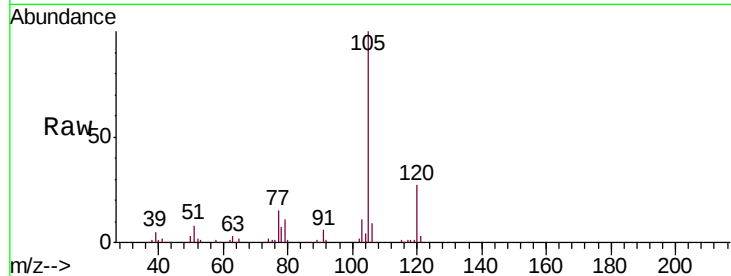
Tgt Ion:105 Resp: 119920

Ion Ratio Lower Upper

105 100

120 26.7 22.4 33.6

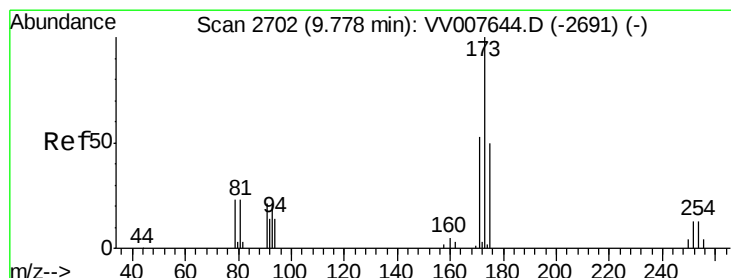
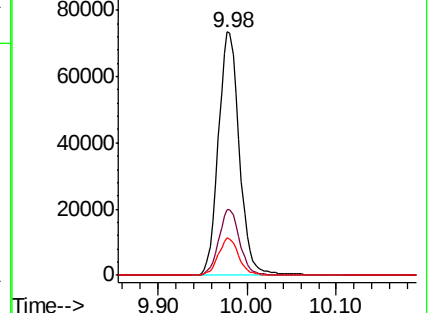
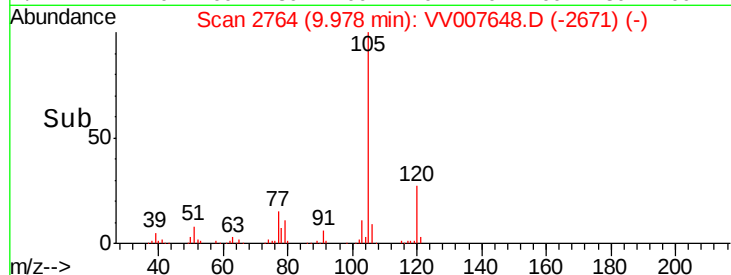
77 14.9 11.8 17.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#61

Bromoform

Concen: 4.743 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VV007648.D

Acq: 20 Sep 2018 11:33

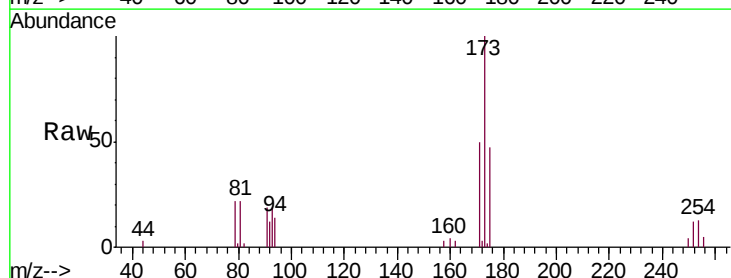
Tgt Ion:173 Resp: 17731

Ion Ratio Lower Upper

173 100

175 47.3 37.5 56.3

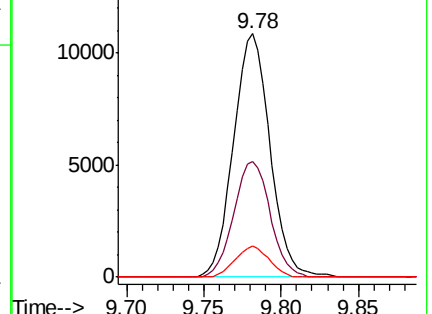
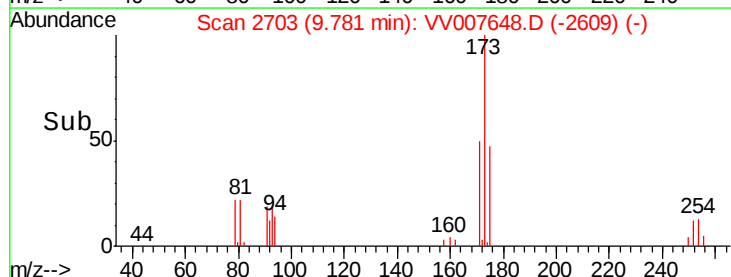
254 11.6 8.5 12.7

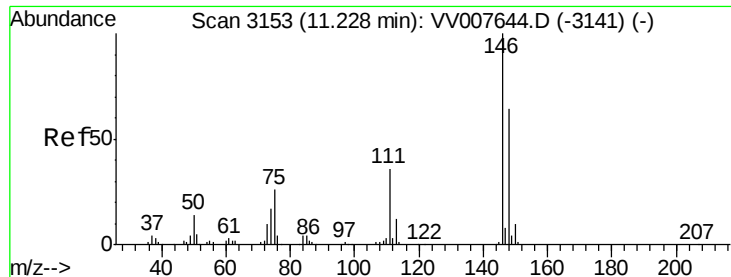


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

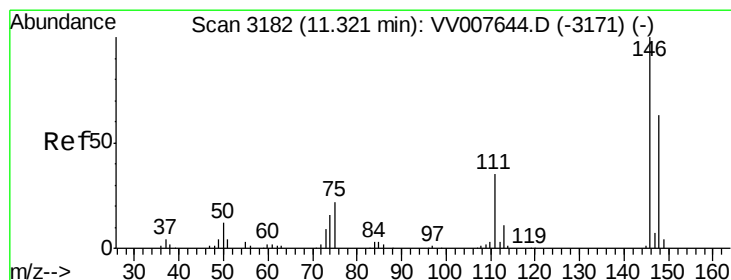
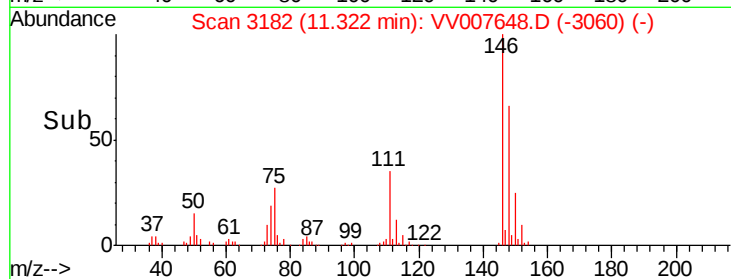
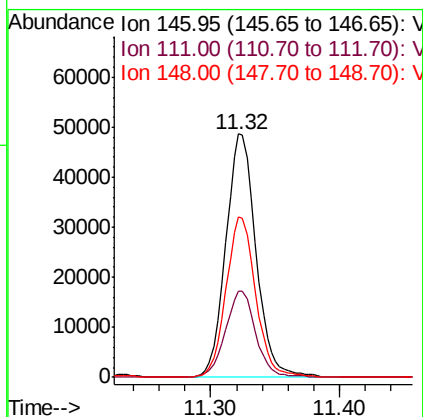
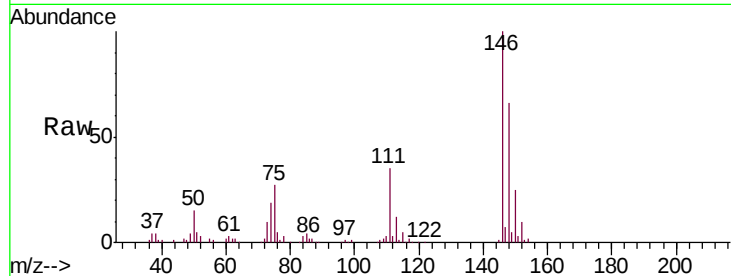




#62
 1,3-Dichlorobenzene
 Concen: 4.108 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.09 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

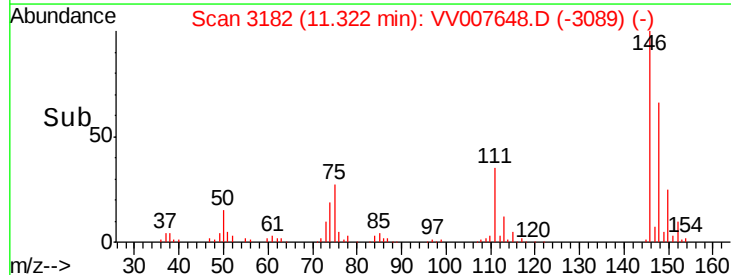
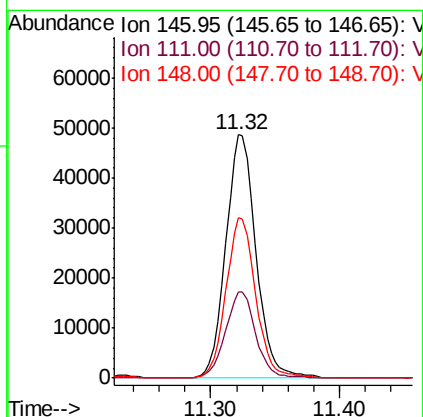
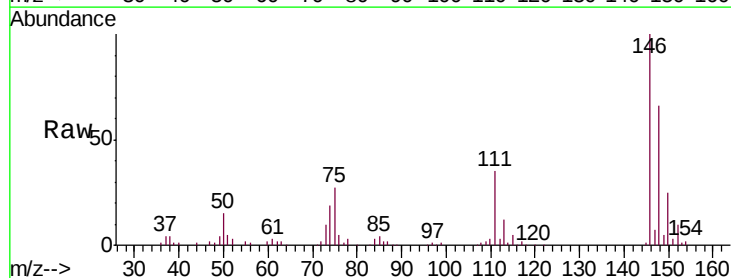
Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z91

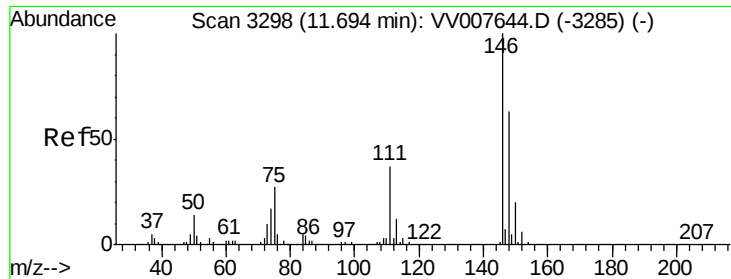
Tgt Ion:146 Resp: 79063
 Ion Ratio Lower Upper
 146 100
 111 35.3 24.7 45.9
 148 65.7 46.1 85.7



#63
 1,4-Dichlorobenzene
 Concen: 4.086 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

Tgt Ion:146 Resp: 79063
 Ion Ratio Lower Upper
 146 100
 111 35.3 24.3 45.1
 148 65.7 45.7 84.9

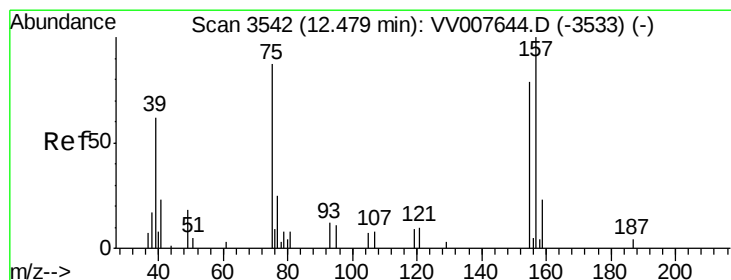
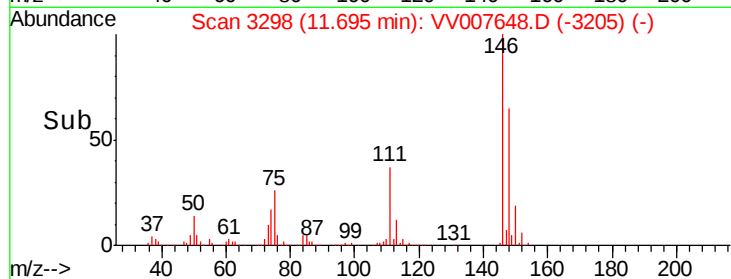
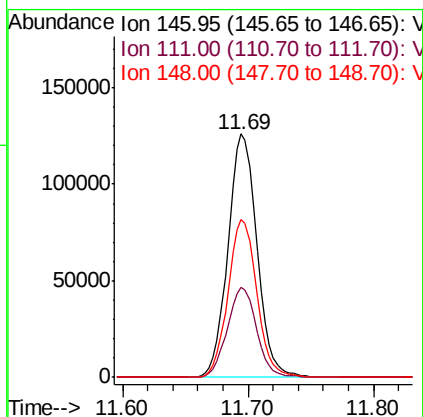
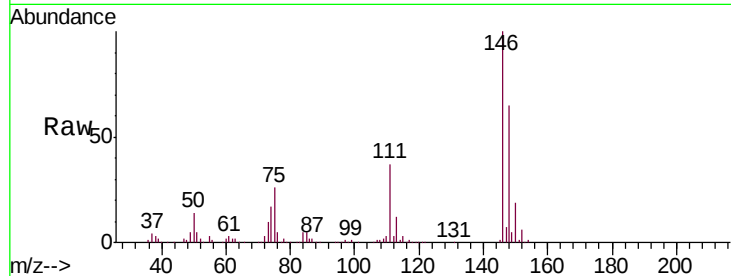




#65
 1,2-Dichlorobenzene
 Concen: 11.168 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

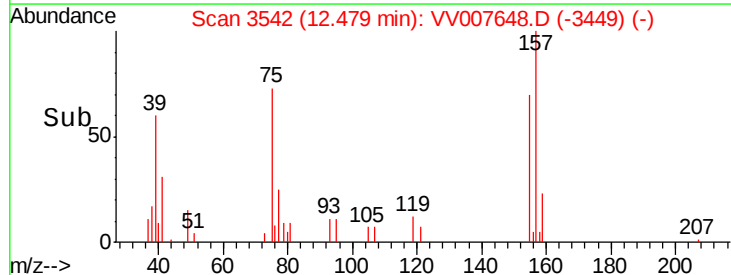
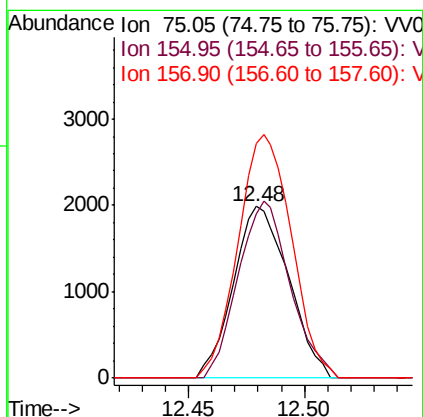
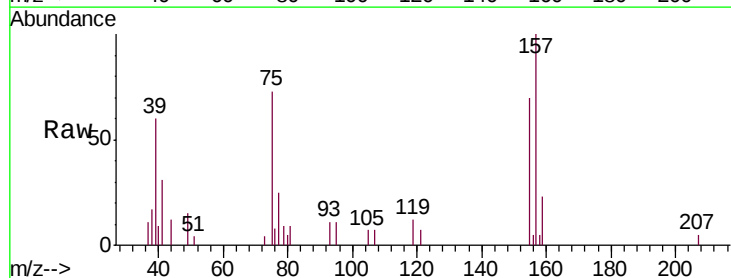
Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z91

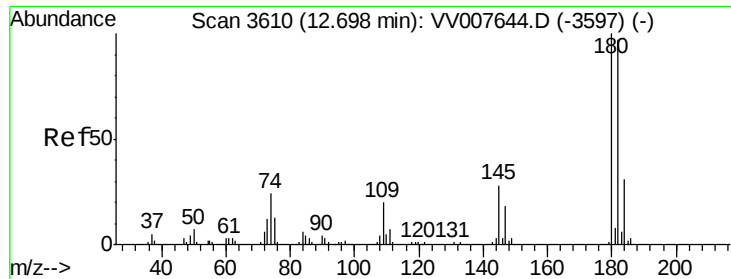
Tgt Ion: 146 Resp: 202186
 Ion Ratio Lower Upper
 146 100
 111 36.9 30.0 45.0
 148 65.1 51.5 77.3



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.989 ug/L
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

Tgt Ion: 75 Resp: 3285
 Ion Ratio Lower Upper
 75 100
 155 95.8 84.6 127.0
 157 136.9 116.8 175.2

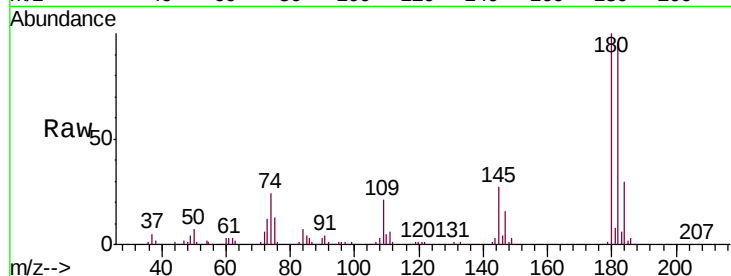




#67
 1,3,5-Trichlorobenzene
 Concen: 4.996 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z91

Tgt Ion:	180	Resp:	83311
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.8
184	30.4	24.5	36.7
145	27.2	21.4	32.2



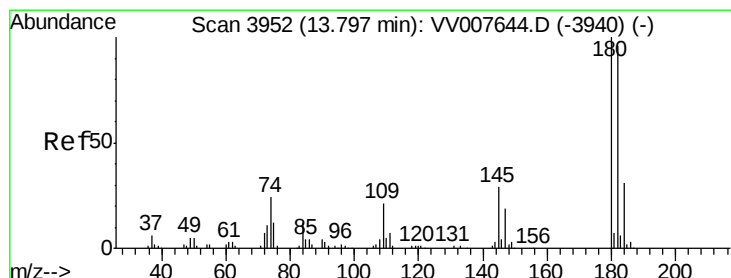
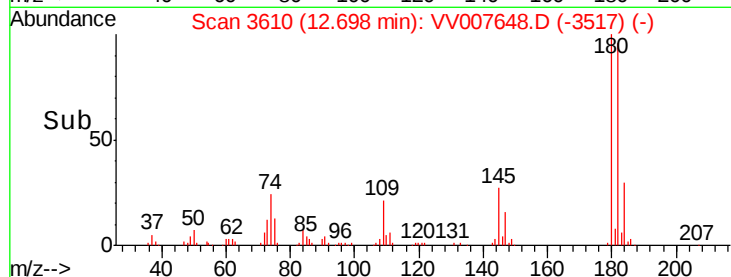
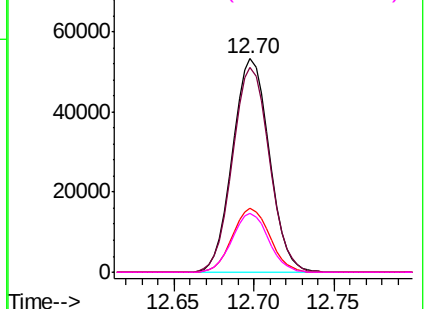
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

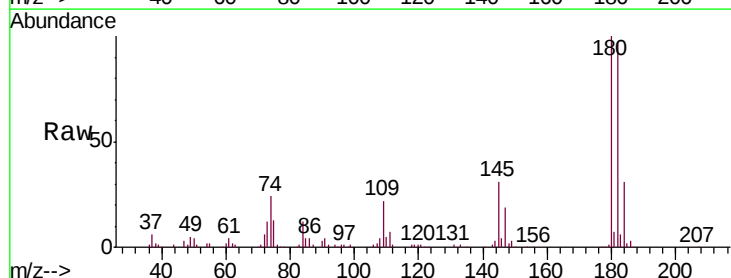
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 9.378 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV007648.D
 Acq: 20 Sep 2018 11:33

Tgt Ion:	180	Resp:	117407
Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.7	119.5
145	30.3	23.9	35.9



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

