

Data File : VV007606.D
Acq On : 18 Sep 2018 17:14
Operator : SY/MD
Sample : J4874-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3Z81

Quant Time: Sep 19 01:47:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124298	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62038	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27646	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	25387	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.14	63	61900	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.97	46	41959	51.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.41	84	58800	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	29997	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	117420	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	33948	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	121661	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.67	79	14482	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.15	63	26549	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22325	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	53324	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	21989	2.916 ug/L	98
6) Bromomethane	1.54	94	20819	3.288 ug/L	100
8) Chloroethane	1.32	64	420	0.080 ug/L #	1
9) Trichlorofluoromethane	1.77	101	111308	6.470 ug/L	99
12) 1,1-Dichloroethene	2.14	96	27084	3.123 ug/L	92
13) Acetone	2.21	43	57148	82.141 ug/L	99
14) Carbon disulfide	2.32	76	97859	3.861 ug/L	99
15) Methyl Acetate	2.21	43	54623	26.884 ug/L #	49
16) Methylene chloride	2.54	84	19186	2.094 ug/L	89
17) Methyl tert-butyl Ether	2.82	73	151854	8.045 ug/L	99
19) 1,1-Dichloroethane	3.23	63	99126	8.205 ug/L	99
21) 2-Butanone	4.05	43	128047	118.237 ug/L	99
25) Chloroform	4.43	83	1451	0.101 ug/L	91
27) 1,2-Dichloroethane	5.19	62	53623	6.565 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	103775	7.787 ug/L	99
30) Cyclohexane	4.72	56	110495	9.523 ug/L	100
31) Carbon tetrachloride	4.66	117	14264	1.144 ug/L	99

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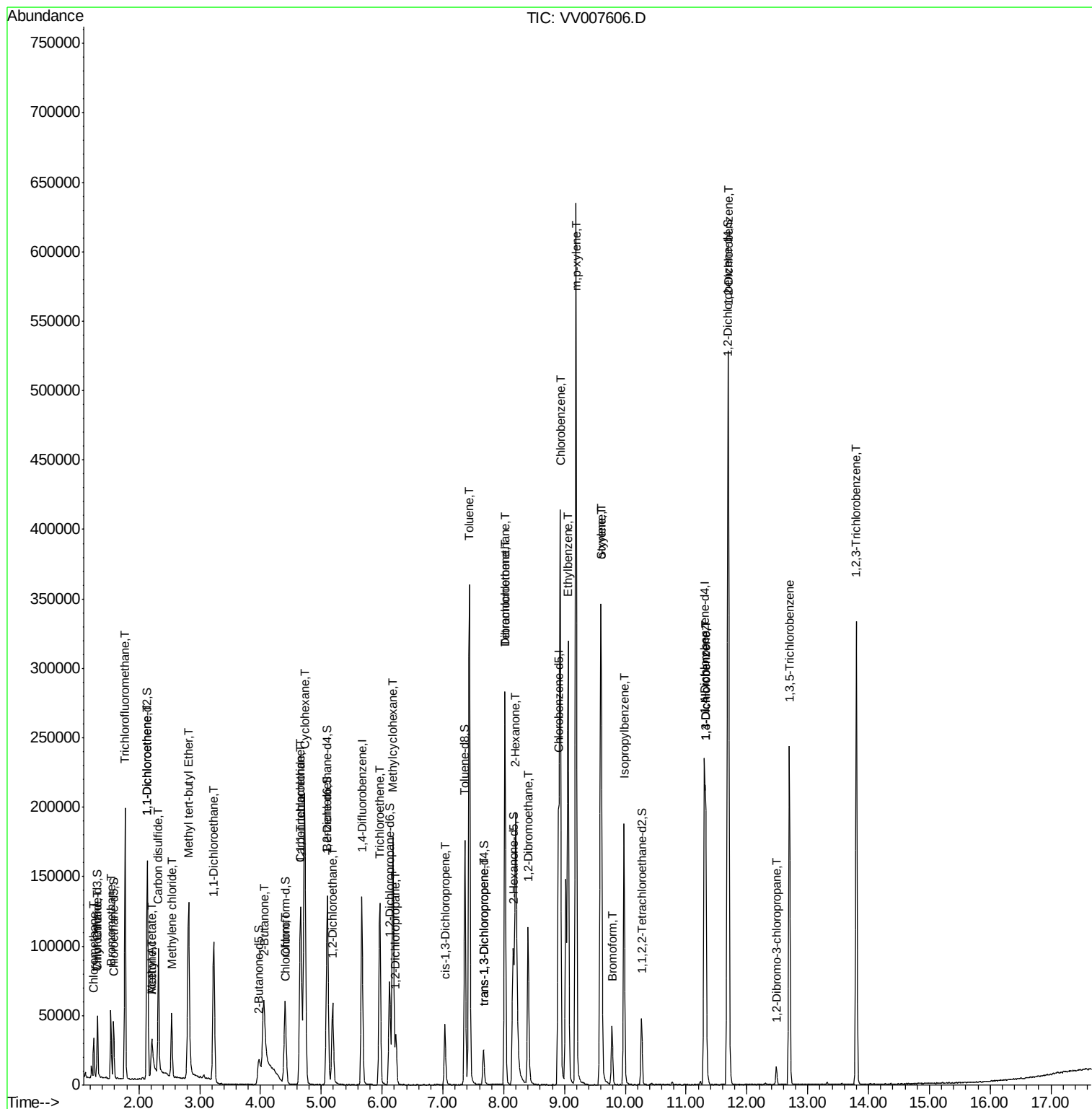
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.96	95	41481	4.262	ug/L	98
35) Methylcyclohexane	6.18	83	77460	5.482	ug/L	99
37) 1,2-Dichloropropane	6.23	63	13267	1.992	ug/L	98
39) cis-1,3-Dichloropropene	7.04	75	1302	0.118	ug/L #	54
42) Toluene	7.43	91	264397	7.793	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	775	0.088	ug/L #	73
47) Tetrachloroethene	8.02	164	66174	7.545	ug/L	99
48) 2-Hexanone	8.20	43	163278	54.326	ug/L	99
49) Dibromochloromethane	8.02	129	53378	7.440	ug/L #	11
50) 1,2-Dibromoethane	8.40	107	76577	14.217	ug/L	97
51) Chlorobenzene	8.93	112	227822	9.687	ug/L	99
52) Ethylbenzene	9.06	91	222716	5.771	ug/L	98
53) m,p-xylene	9.19	106	177186	11.418	ug/L	100
54) o-xylene	9.59	106	72016	4.945	ug/L	98
55) Styrene	9.61	104	118097	4.866	ug/L	99
56) Isopropylbenzene	9.98	105	123173	3.047	ug/L	100
61) Bromoform	9.78	173	19600	4.738	ug/L	97
62) 1,3-Dichlorobenzene	11.32	146	81626	3.956	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	81626	4.007	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	209278	11.058	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3060	3.828	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	82454	5.059	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	108334	10.308	ug/L	97

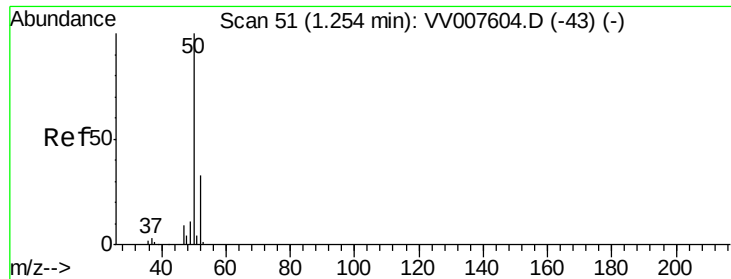
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.916 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

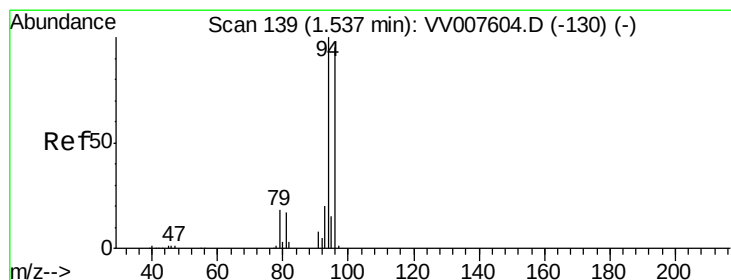
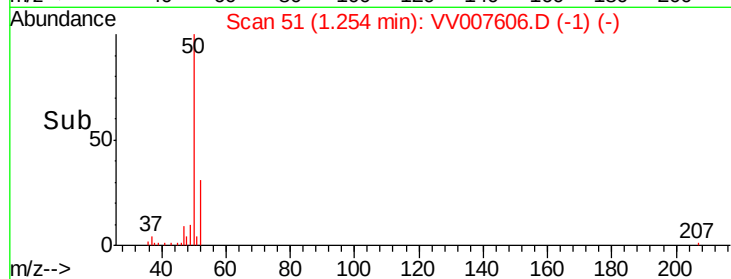
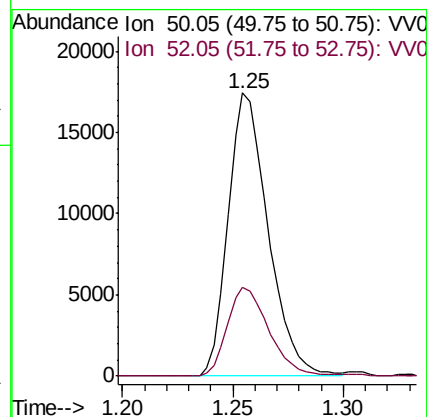
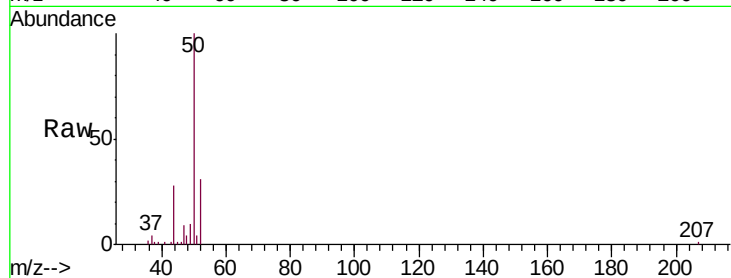
A3Z81

Tgt Ion: 50 Resp: 21989

Ion Ratio Lower Upper

50 100

52 31.5 22.8 42.4



#6

Bromomethane

Concen: 3.288 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV007606.D

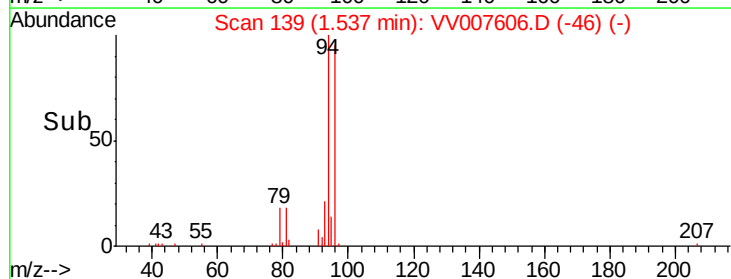
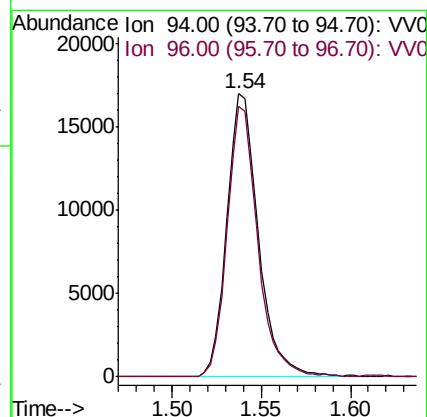
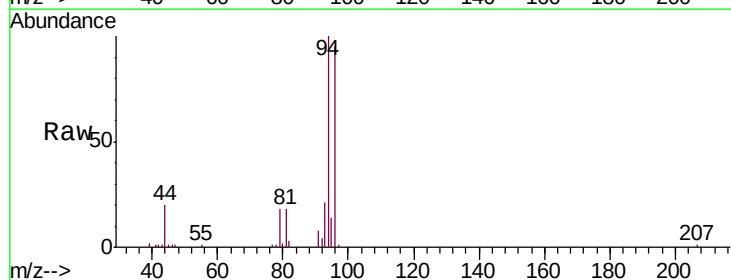
Acq: 18 Sep 2018 17:14

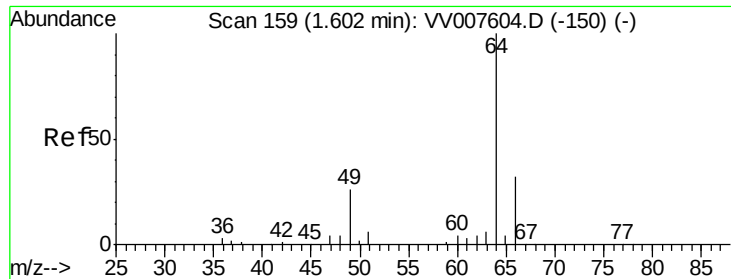
Tgt Ion: 94 Resp: 20819

Ion Ratio Lower Upper

94 100

96 95.5 66.6 123.6





#8

Chloroethane

Concen: 0.080 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampled :

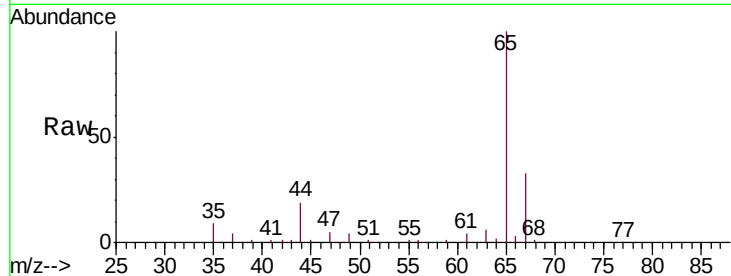
A3Z81

Tgt Ion: 64 Resp: 420

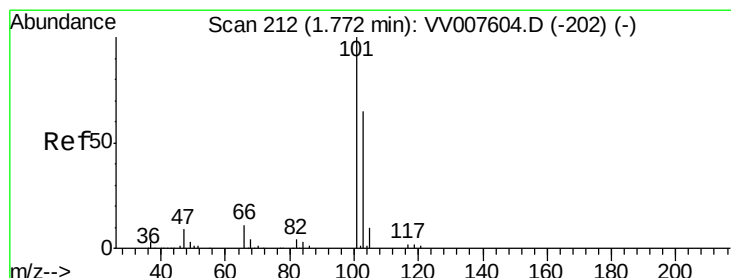
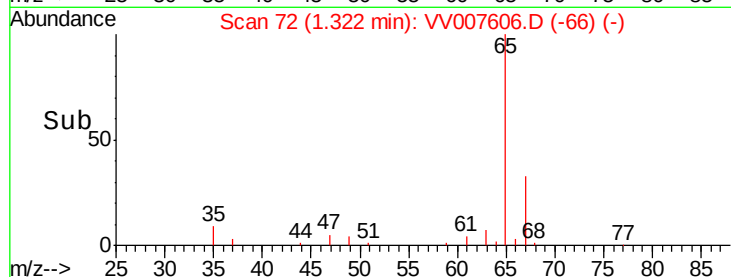
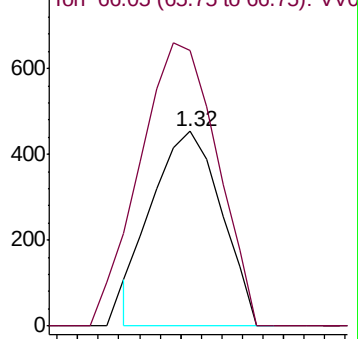
Ion Ratio Lower Upper

64 100

66 141.9 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV007606.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 6.470 ug/L

RT: 1.77 min Scan# 212

Delta R.T. -0.00 min

Lab File: VV007606.D

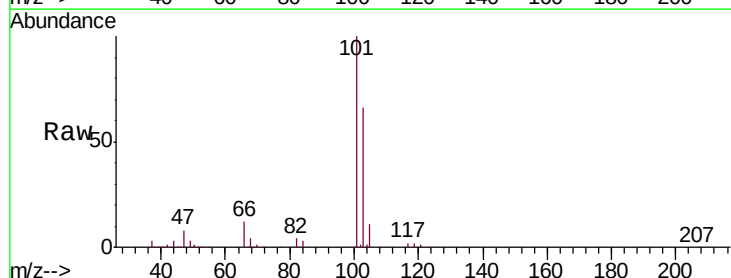
Acq: 18 Sep 2018 17:14

Tgt Ion: 101 Resp: 111308

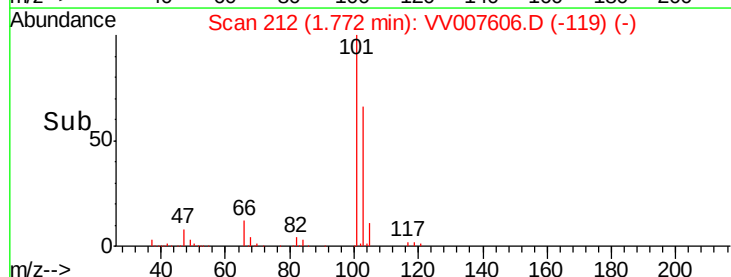
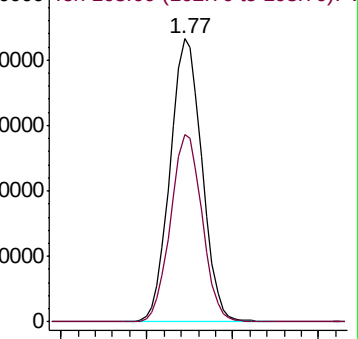
Ion Ratio Lower Upper

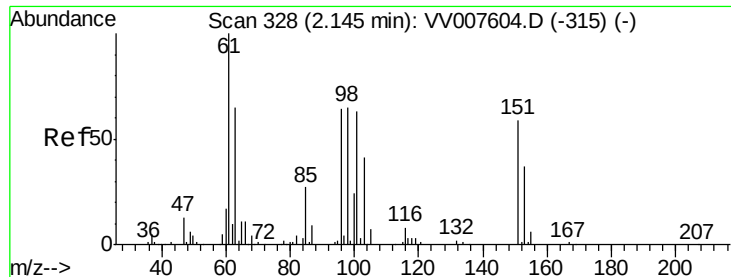
101 100

103 65.9 52.2 78.2



Abundance Ion 101.00 (100.70 to 101.70): VV007606.D (-119) (-)





#12

1,1-Dichloroethene

Concen: 3.123 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampled :

A3Z81

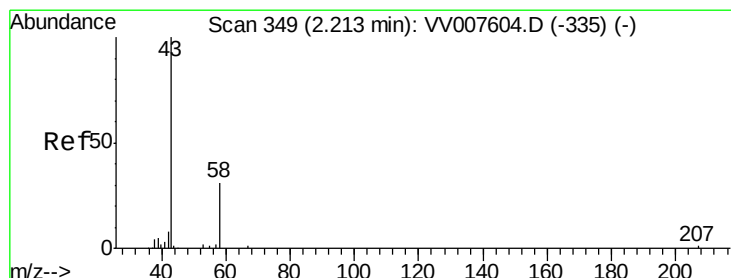
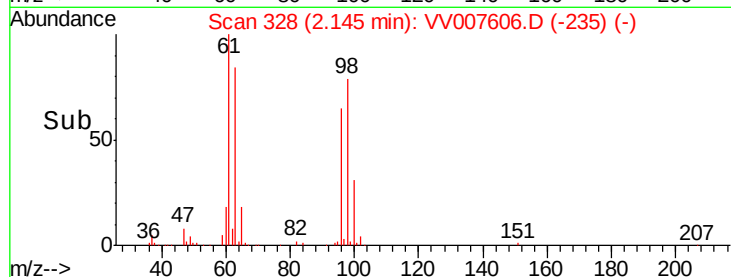
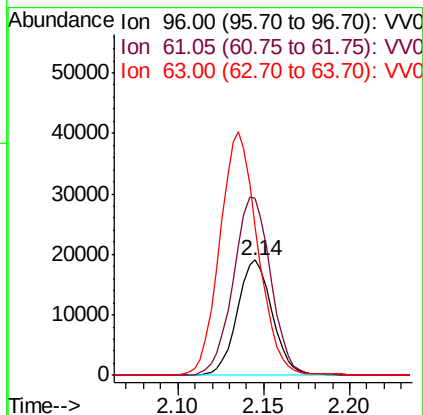
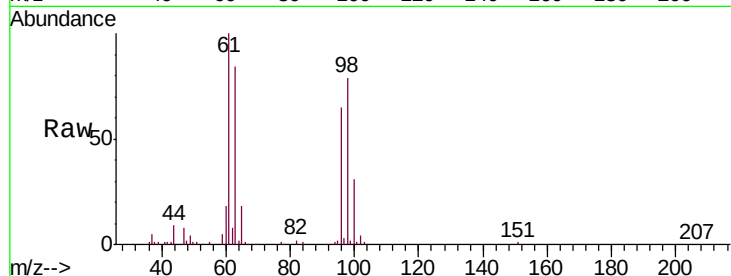
Tgt Ion: 96 Resp: 27084

Ion Ratio Lower Upper

96 100

61 154.0 108.1 200.9

63 129.6 76.9 142.9



#13

Acetone

Concen: 82.141 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV007606.D

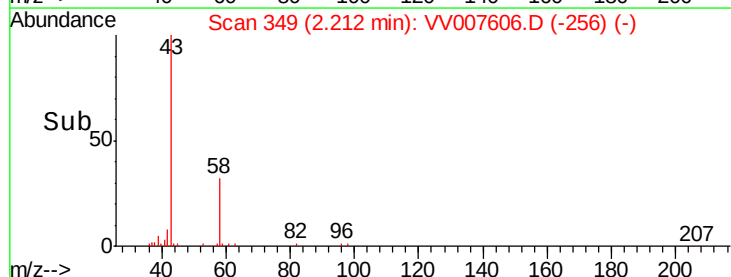
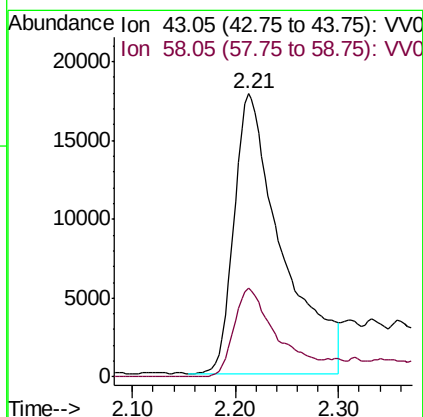
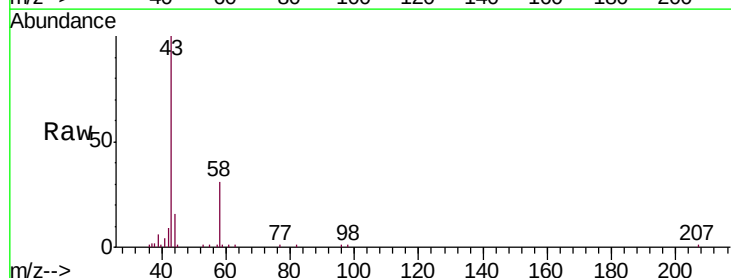
Acq: 18 Sep 2018 17:14

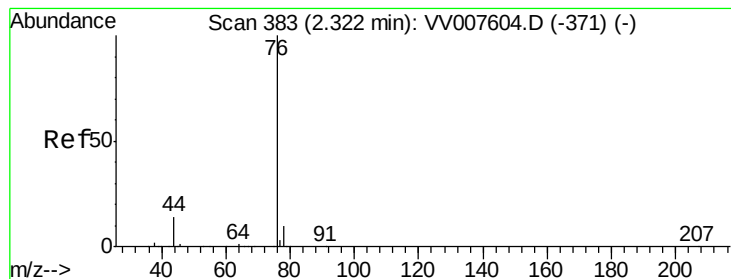
Tgt Ion: 43 Resp: 57148

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2





#14

Carbon disulfide

Concen: 3.861 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

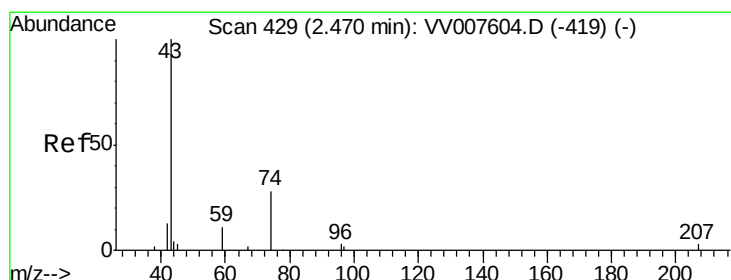
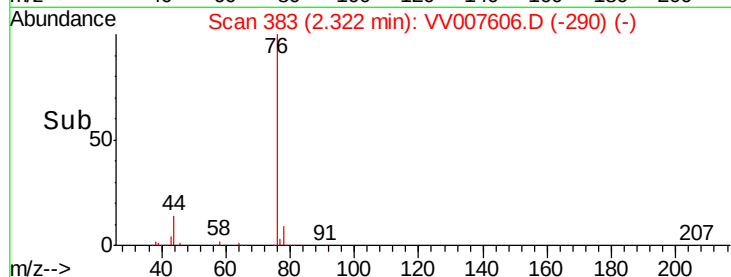
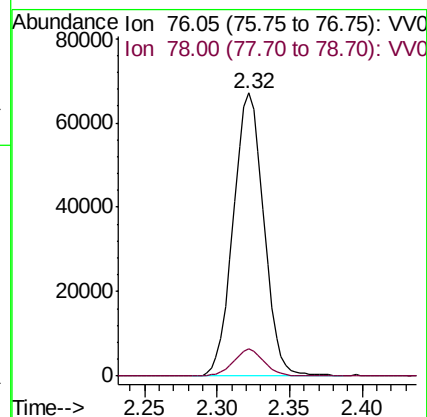
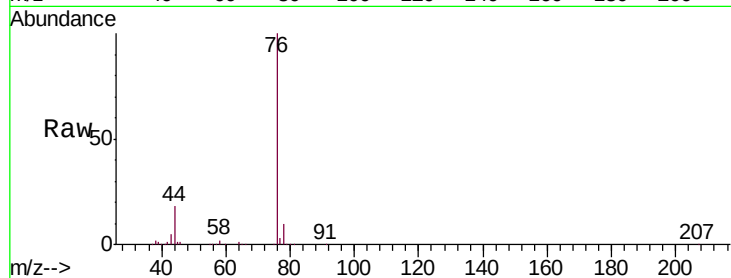
A3Z81

Tgt Ion: 76 Resp: 97859

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



#15

Methyl Acetate

Concen: 26.884 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.26 min

Lab File: VV007606.D

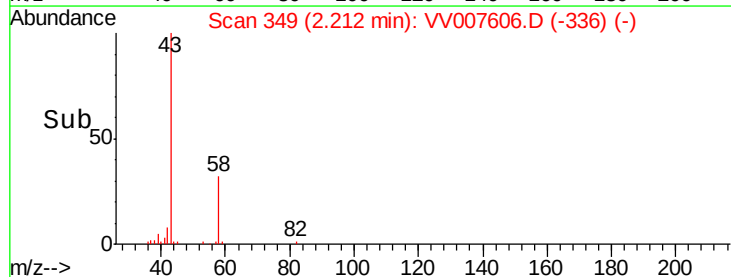
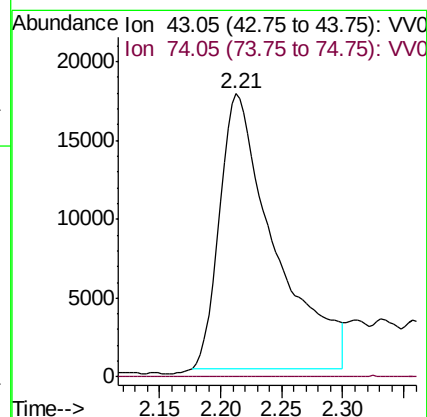
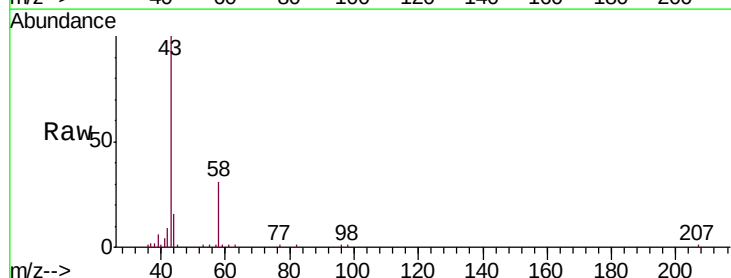
Acq: 18 Sep 2018 17:14

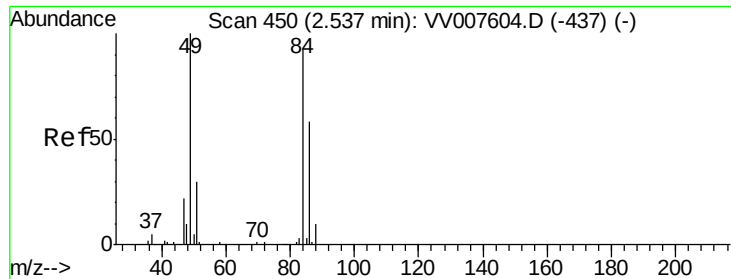
Tgt Ion: 43 Resp: 54623

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#

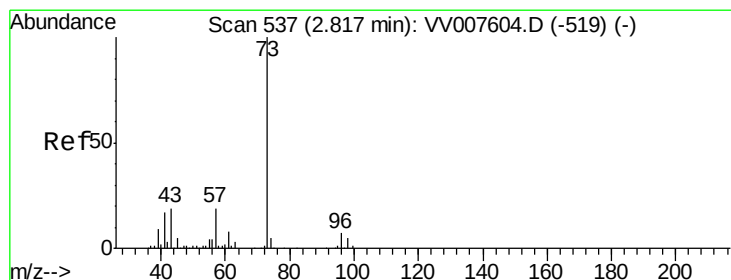
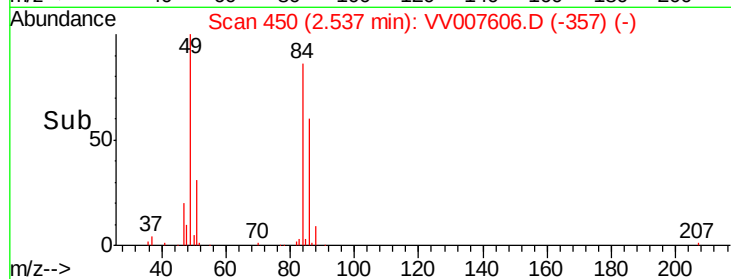
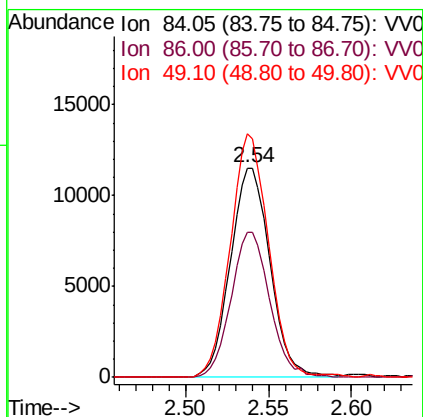
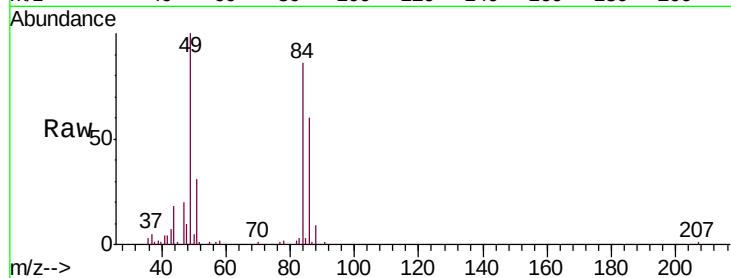




#16
Methylene chloride
Concen: 2.094 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

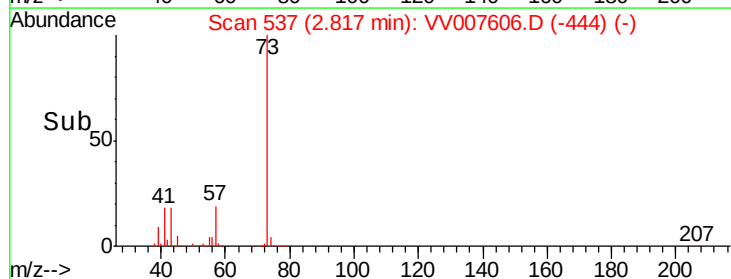
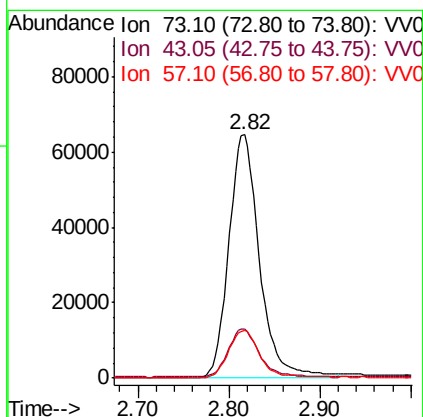
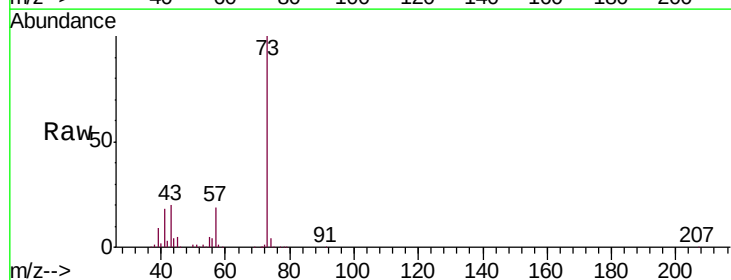
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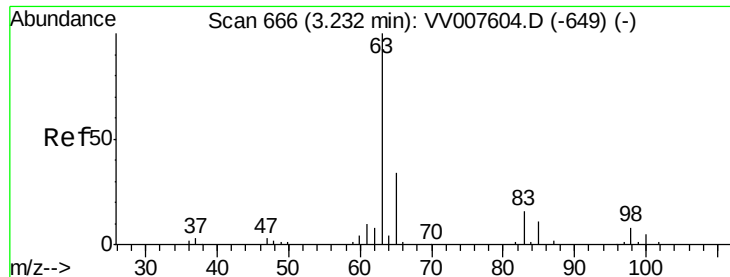
Tgt Ion: 84 Resp: 19186
Ion Ratio Lower Upper
84 100
86 69.3 44.4 82.4
49 116.2 72.3 134.3



#17
Methyl tert-butyl Ether
Concen: 8.045 ug/L
RT: 2.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

Tgt Ion: 73 Resp: 151854
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.2
57 20.0 16.4 24.6

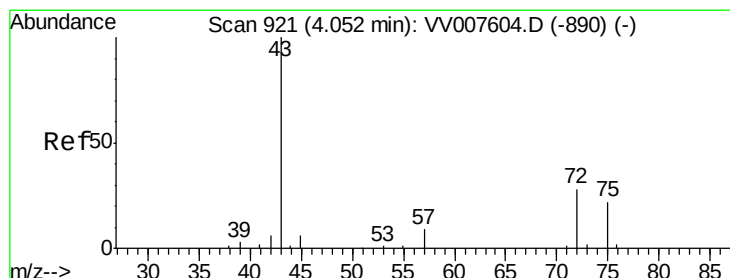
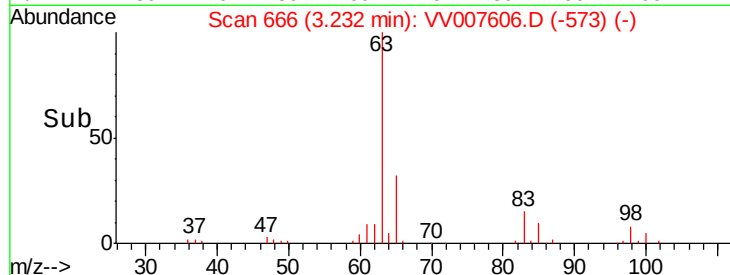
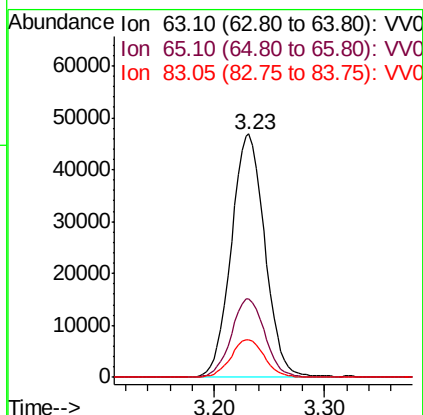
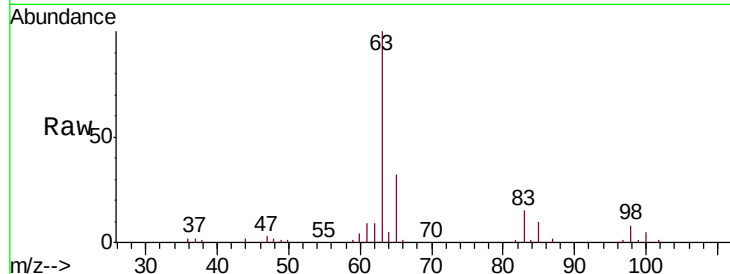




#19
 1,1-Dichloroethane
 Concen: 8.205 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VV007606.D
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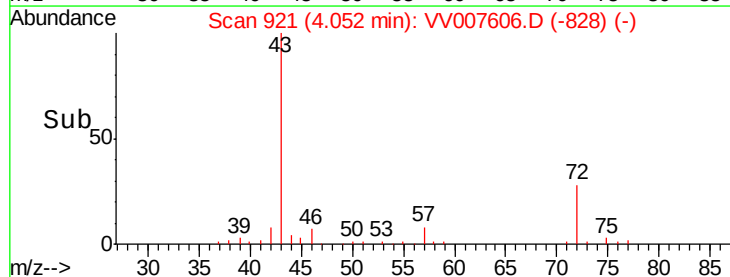
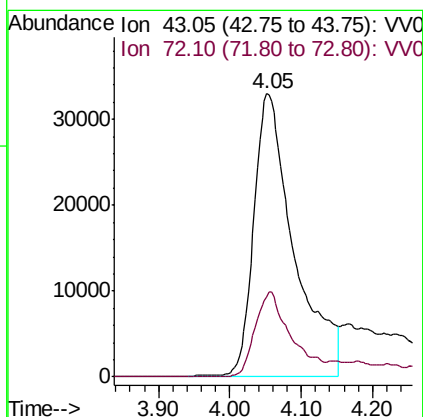
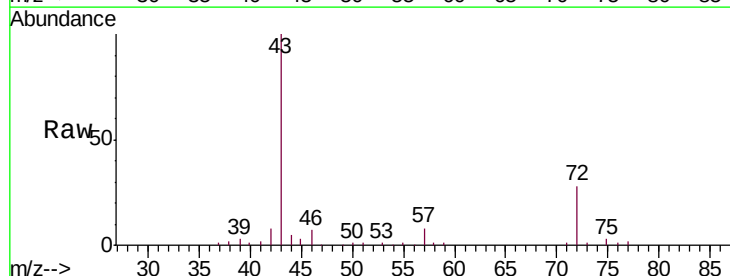
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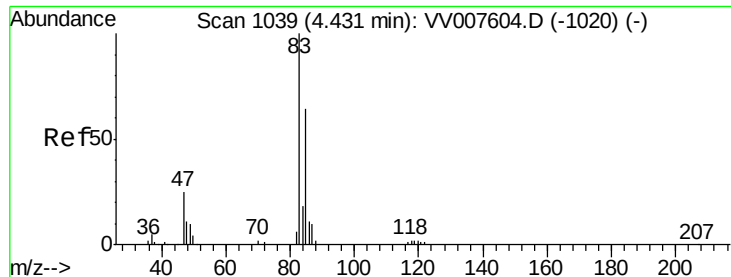
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 Ion Ratio Lower Upper
 63 100
 65 32.5 23.0 42.8
 83 15.5 11.3 20.9



#21
 2-Butanone
 Concen: 118.237 ug/L
 RT: 4.05 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VV007606.D
 Acq: 18 Sep 2018 17:14

Tgt Ion: 43 Resp: 128047
 Ion Ratio Lower Upper
 43 100
 72 27.6 13.4 40.2

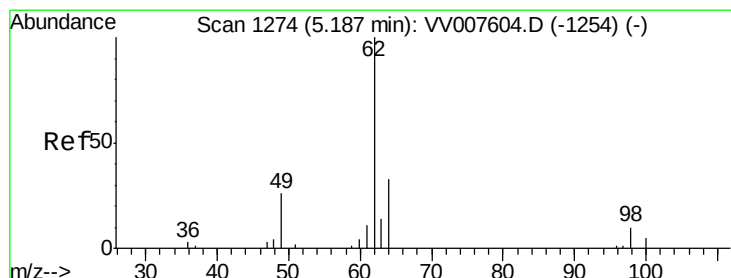
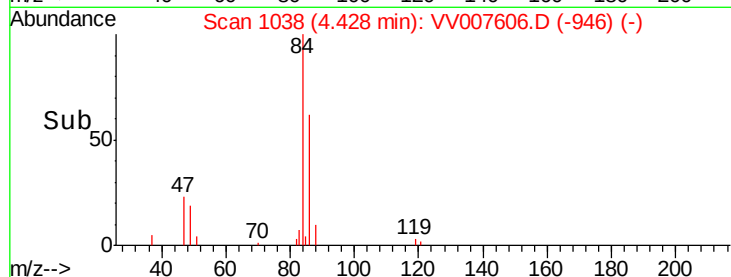
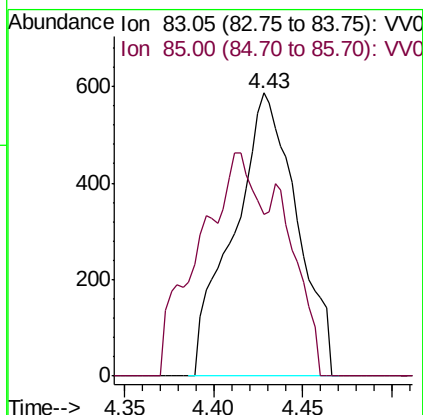
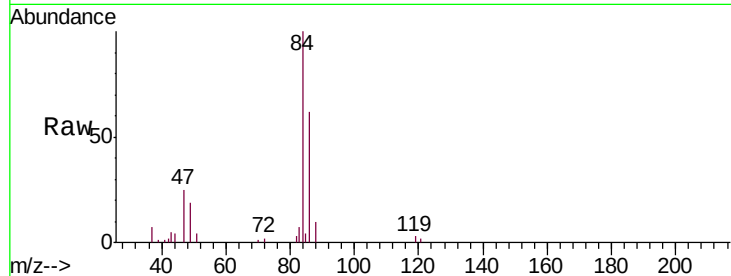




#25
Chloroform
Concen: 0.101 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

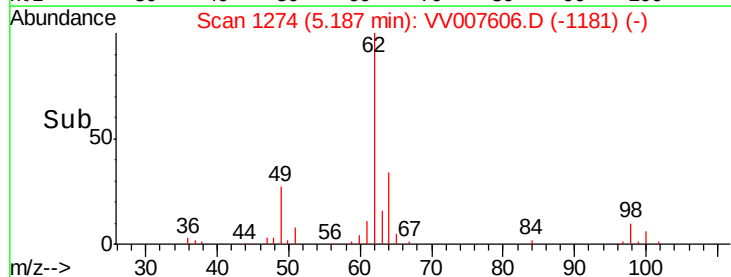
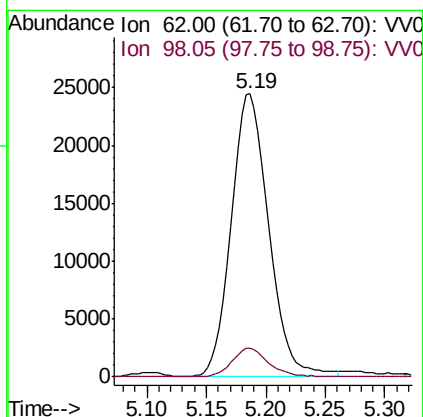
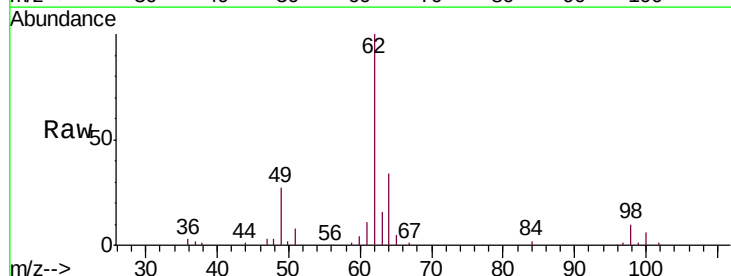
Instrument :
MSVOA_V
ClientSampleId :
A3Z81

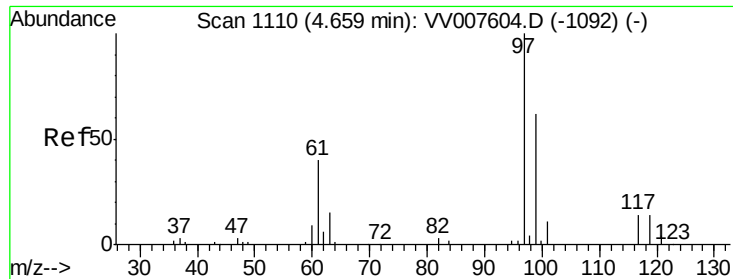
Tgt Ion: 83 Resp: 1451
Ion Ratio Lower Upper
83 100
85 56.9 44.5 82.7



#27
1,2-Dichloroethane
Concen: 6.565 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

Tgt Ion: 62 Resp: 53623
Ion Ratio Lower Upper
62 100
98 10.1 7.6 11.4

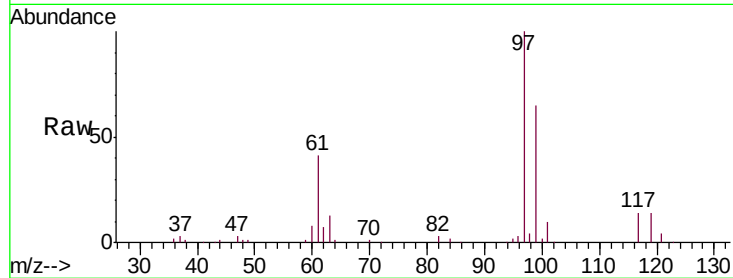




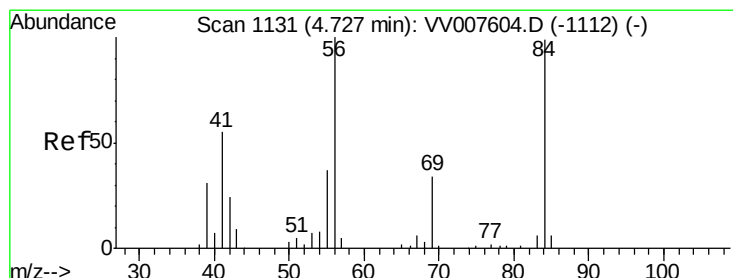
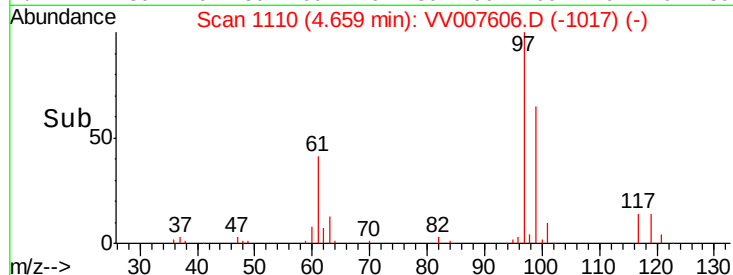
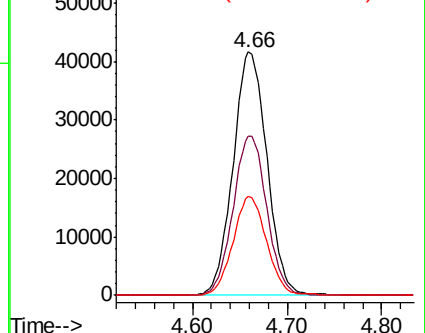
#29
 1,1,1-Trichloroethane
 Concen: 7.787 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VV007606.D
 Acq: 18 Sep 2018 17:14

Instrument :
 MSVOA_V
 ClientSampled :
 A3Z81

Tgt Ion: 97 Resp: 103775
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.4 77.0
 61 40.5 32.9 49.3

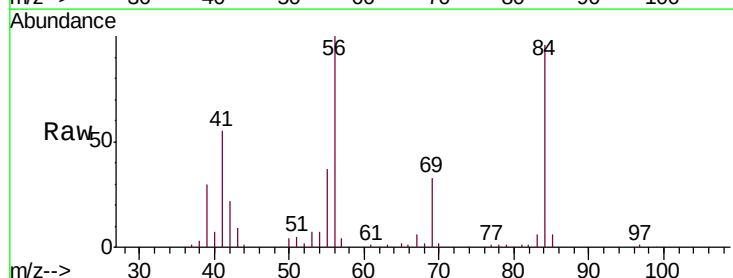


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

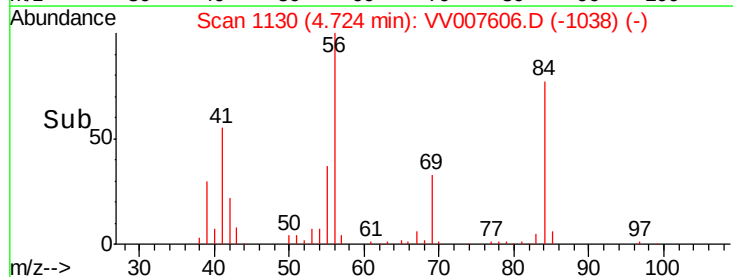
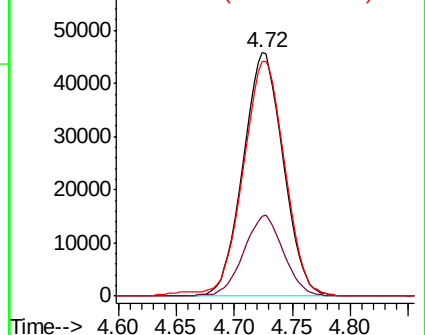


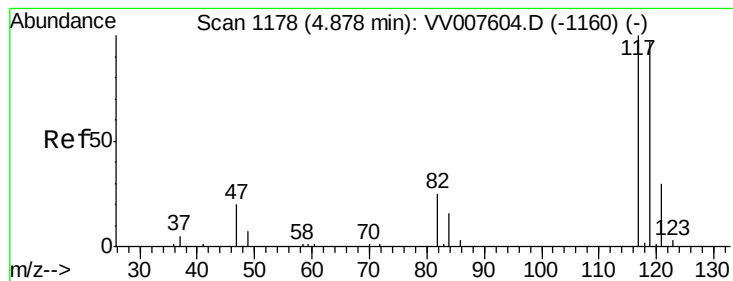
#30
 Cyclohexane
 Concen: 9.523 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: VV007606.D
 Acq: 18 Sep 2018 17:14

Tgt Ion: 56 Resp: 110495
 Ion Ratio Lower Upper
 56 100
 69 32.8 26.1 39.1
 84 98.8 79.1 118.7



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 1.144 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.22 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

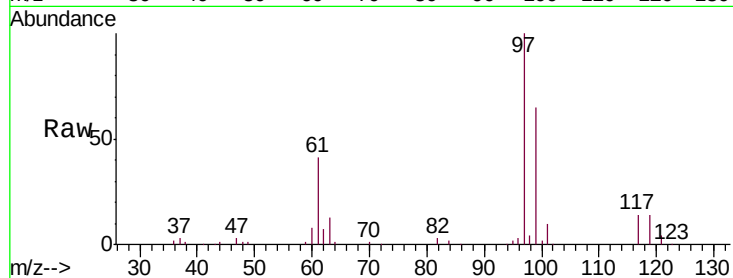
A3Z81

Tgt Ion:117 Resp: 14264

Ion Ratio Lower Upper

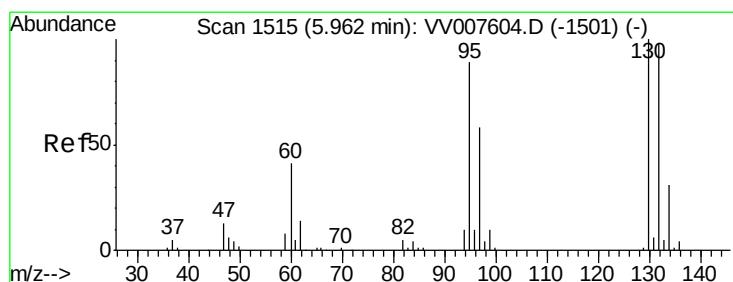
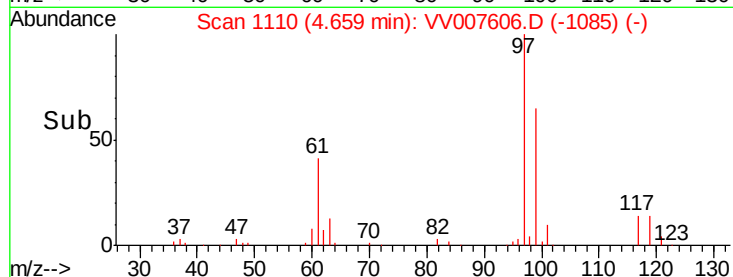
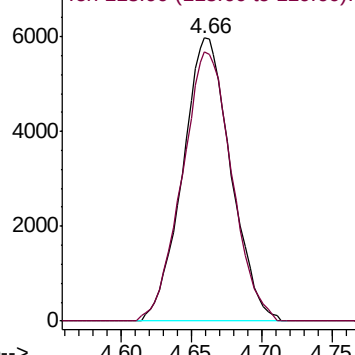
117 100

119 97.6 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 4.262 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Tgt Ion: 95 Resp: 41481

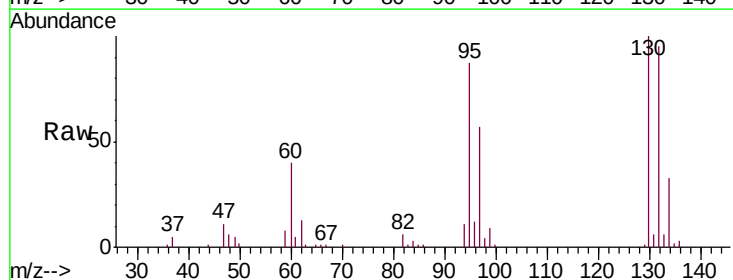
Ion Ratio Lower Upper

95 100

97 66.1 46.5 86.5

132 109.8 75.5 140.3

130 115.1 78.8 146.4

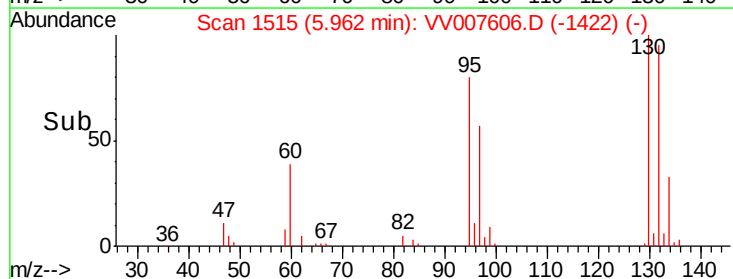
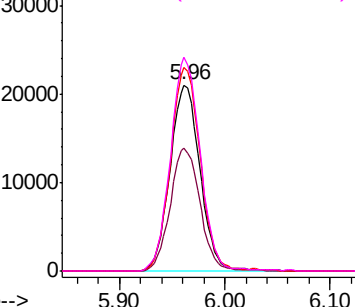


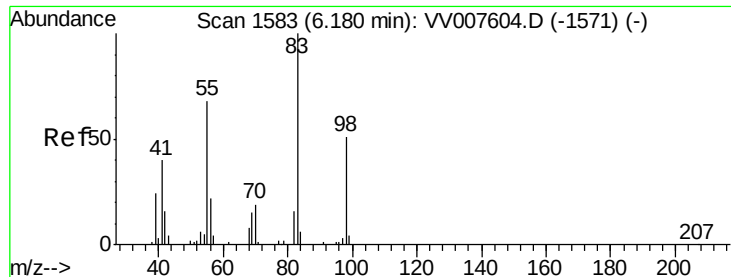
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

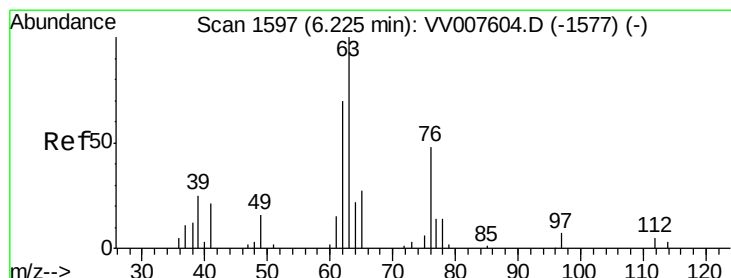
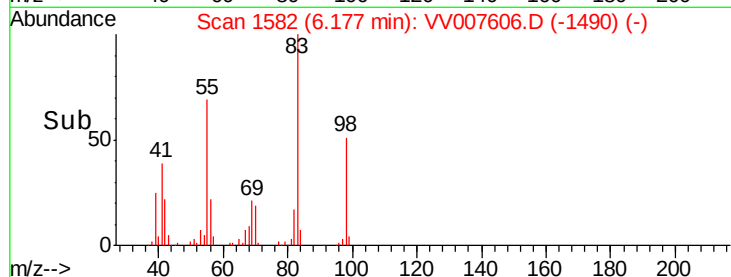
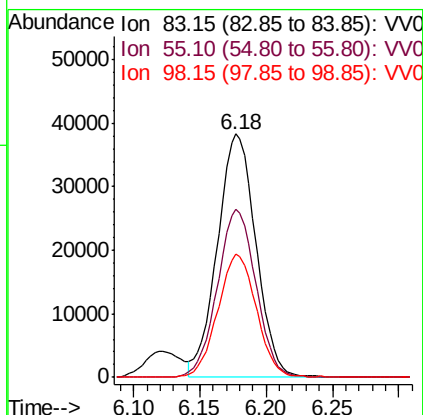
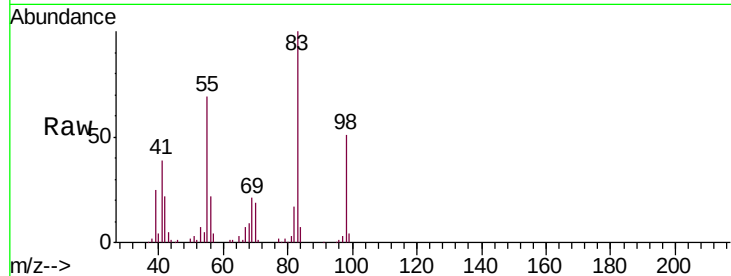




#35
Methylcyclohexane
Concen: 5.482 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

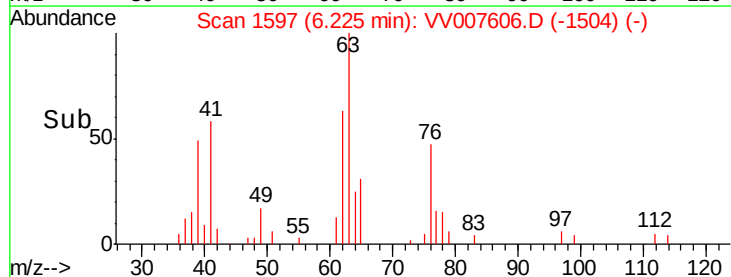
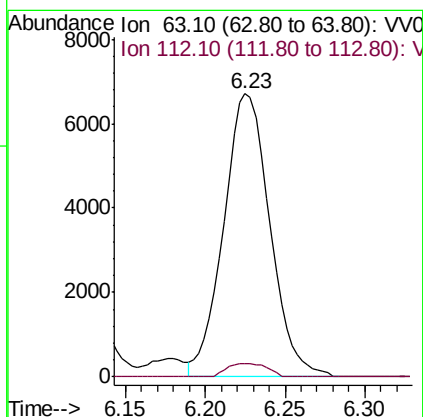
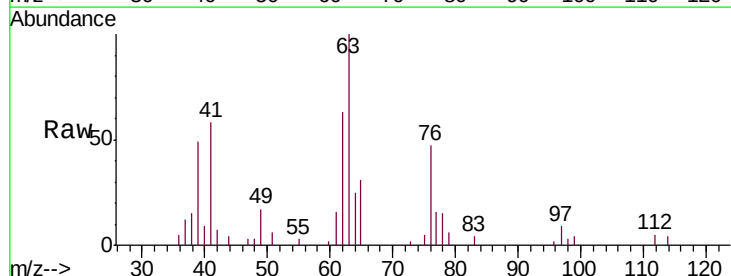
Instrument :
MSVOA_V
ClientSampleId :
A3Z81

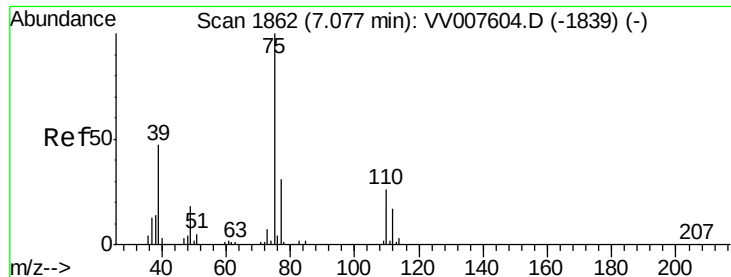
Tgt Ion: 83 Resp: 77460
Ion Ratio Lower Upper
83 100
55 68.9 54.6 82.0
98 50.6 39.8 59.6



#37
1,2-Dichloropropane
Concen: 1.992 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

Tgt Ion: 63 Resp: 13267
Ion Ratio Lower Upper
63 100
112 4.1 3.8 5.6





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

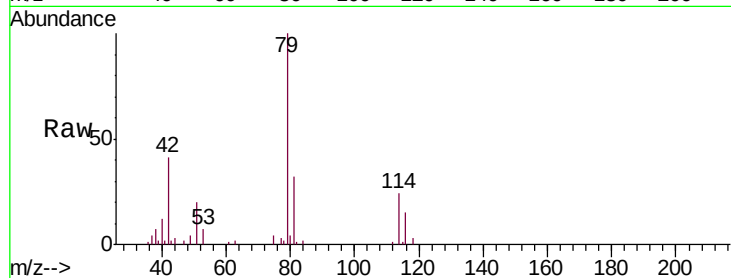
A3Z81

Tgt Ion: 75 Resp: 1302

Ion Ratio Lower Upper

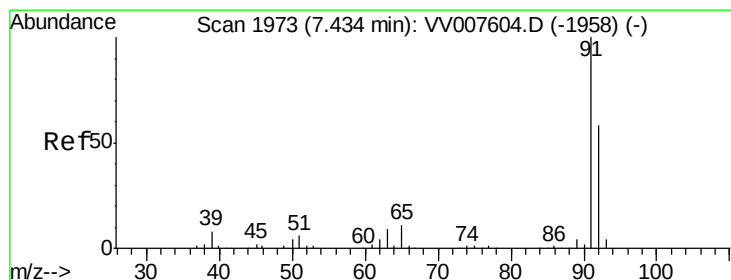
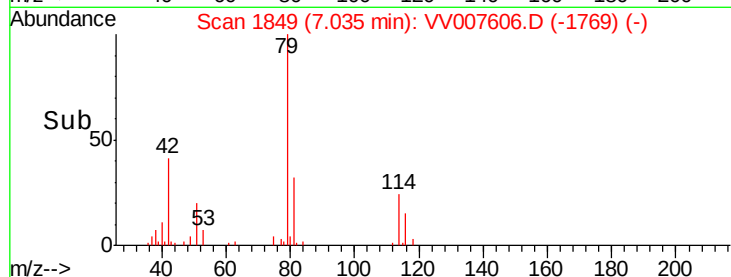
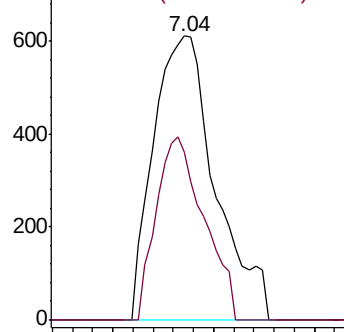
75 100

77 59.1 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 7.793 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV007606.D

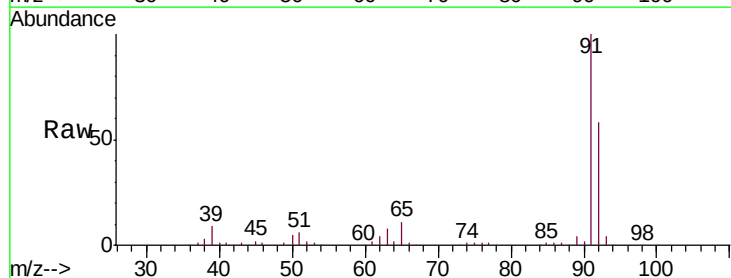
Acq: 18 Sep 2018 17:14

Tgt Ion: 91 Resp: 264397

Ion Ratio Lower Upper

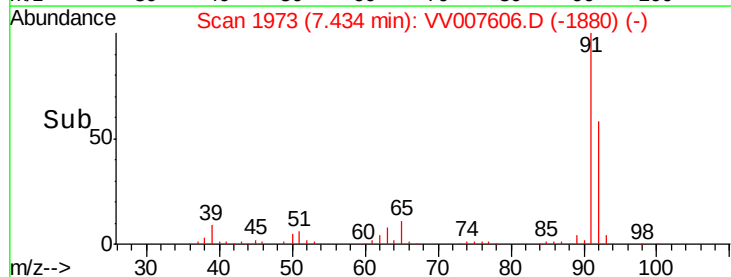
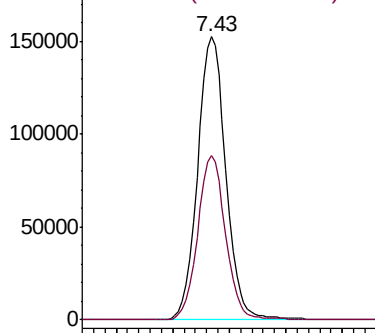
91 100

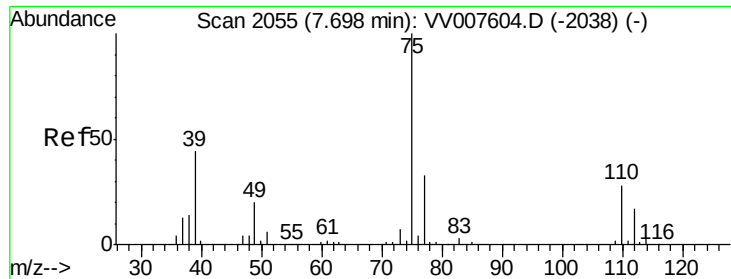
92 58.1 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampled :

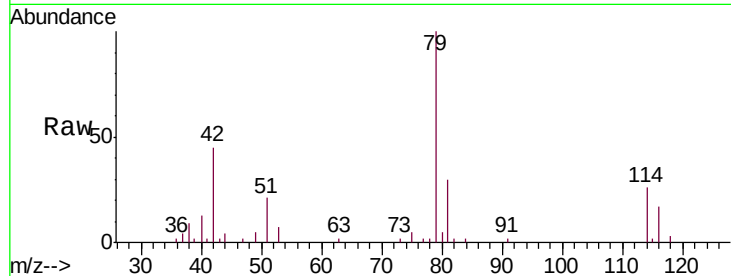
A3Z81

Tgt Ion: 75 Resp: 775

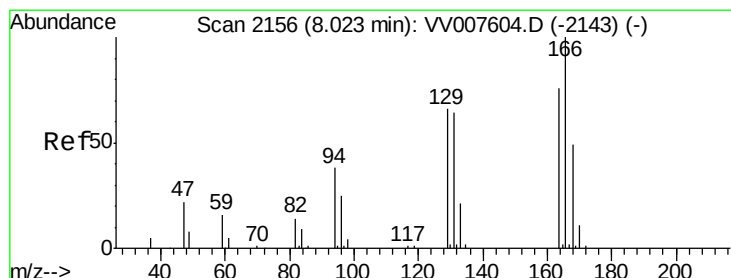
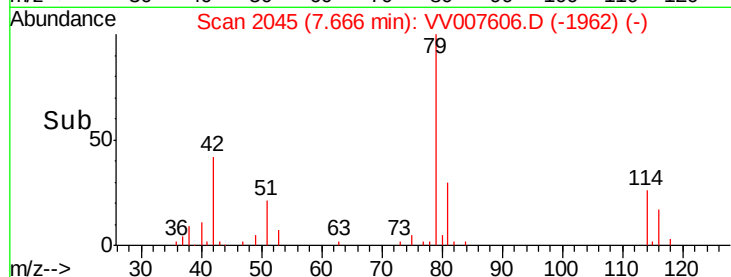
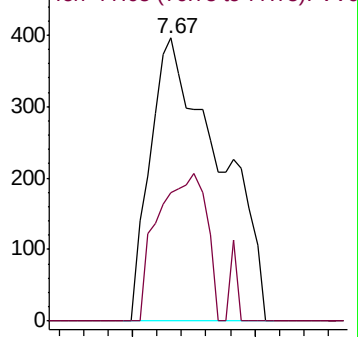
Ion Ratio Lower Upper

75 100

77 45.5 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV007606.D (-1962) (-)



#47

Tetrachloroethene

Concen: 7.545 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Tgt Ion: 164 Resp: 66174

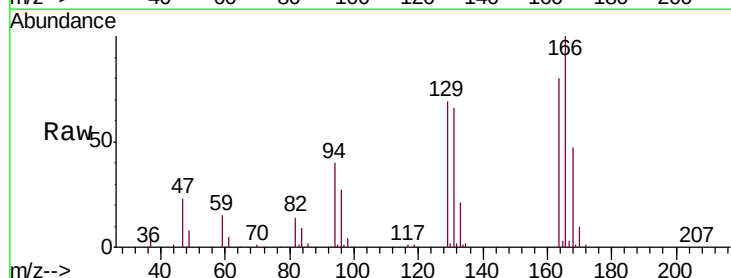
Ion Ratio Lower Upper

164 100

129 85.8 60.0 111.4

131 82.2 58.8 109.2

166 125.0 88.5 164.4

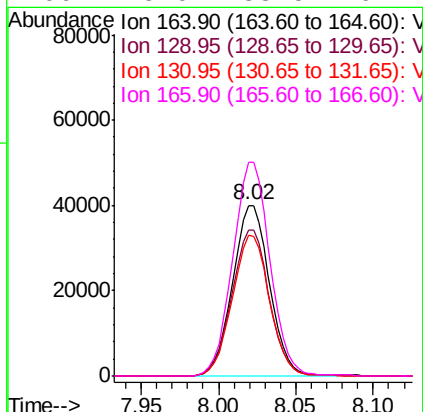
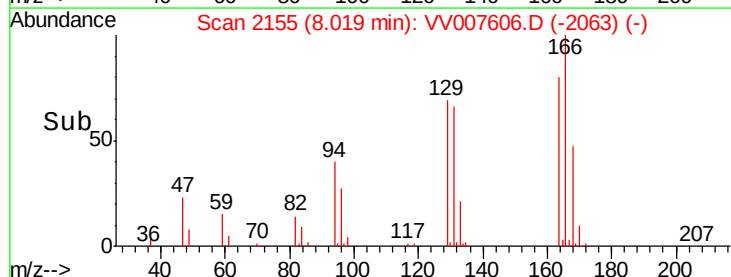


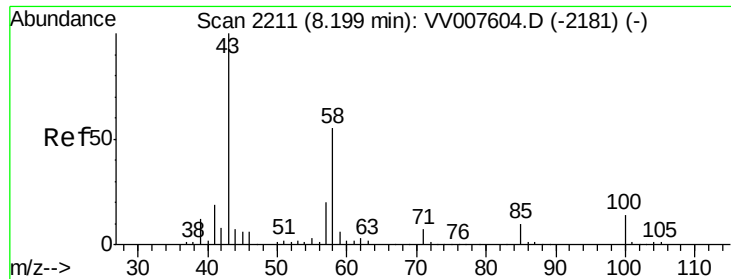
Abundance Ion 163.90 (163.60 to 164.60): VV007606.D (-2063) (-)

Ion 128.95 (128.65 to 129.65): VV007606.D (-2063) (-)

Ion 130.95 (130.65 to 131.65): VV007606.D (-2063) (-)

Ion 165.90 (165.60 to 166.60): VV007606.D (-2063) (-)

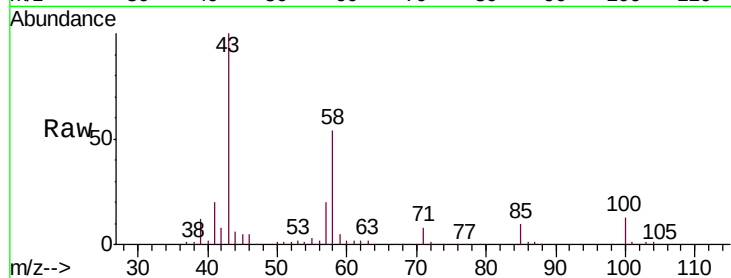




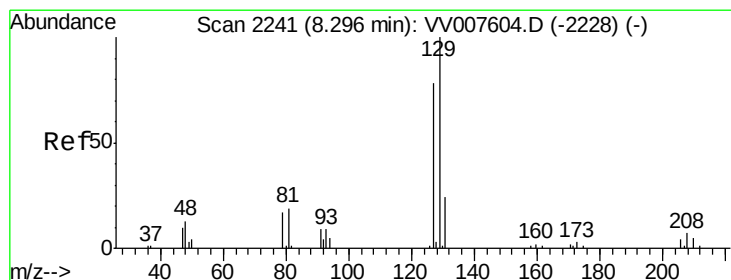
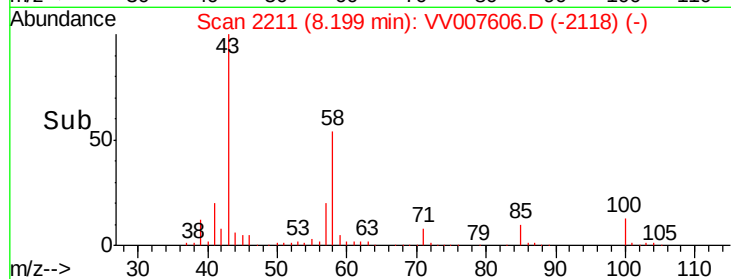
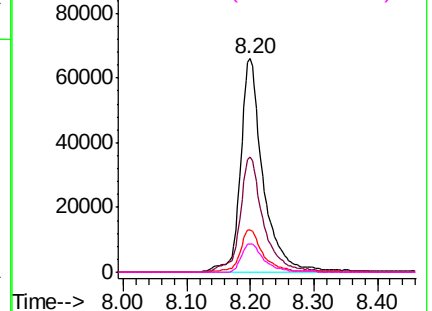
#48
2-Hexanone
Concen: 54.326 ug/L
RT: 8.20 min Scan# 2211
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

Instrument :
MSVOA_V
ClientSampleId :
A3Z81

Tgt Ion: 43 Resp: 163278
Ion Ratio Lower Upper
43 100
58 55.8 45.5 68.3
57 20.5 16.3 24.5
100 13.1 10.7 16.1

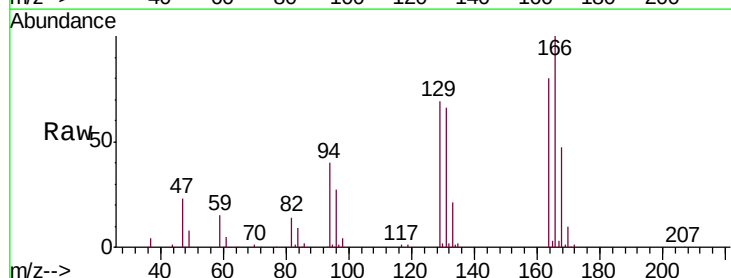


Abundance Ion 43.05 (42.75 to 43.75): VV007606.D (-2181) (-)
Ion 58.05 (57.75 to 58.75): VV007606.D (-2181) (-)
Ion 57.20 (56.90 to 57.90): VV007606.D (-2181) (-)
Ion 100.15 (99.85 to 100.85): VV007606.D (-2181) (-)

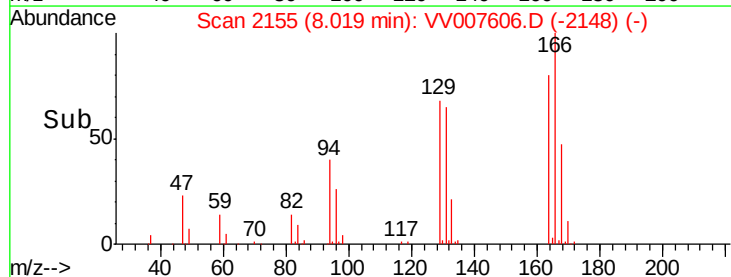
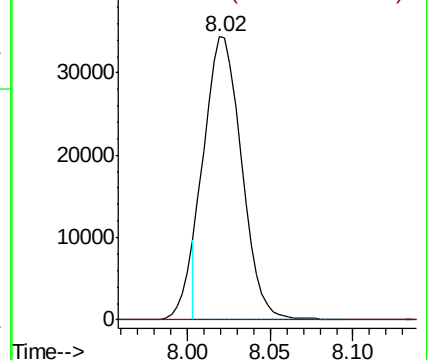


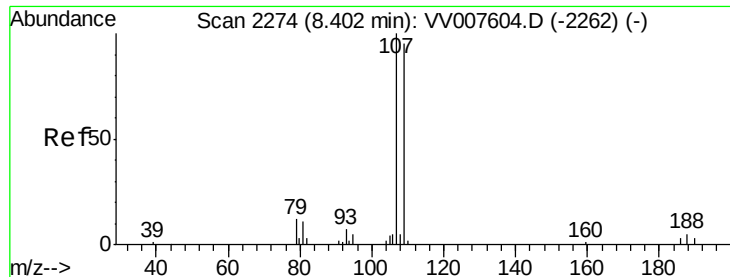
#49
Dibromochloromethane
Concen: 7.440 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.28 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

Tgt Ion: 129 Resp: 53378
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): VV007606.D (-2148) (-)
Ion 126.90 (126.60 to 127.60): VV007606.D (-2148) (-)

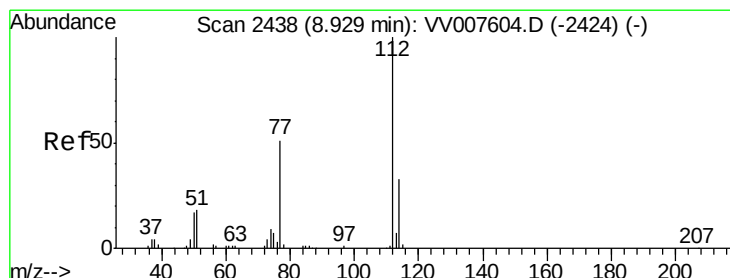
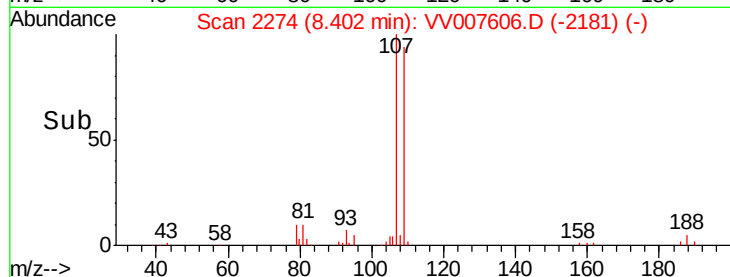
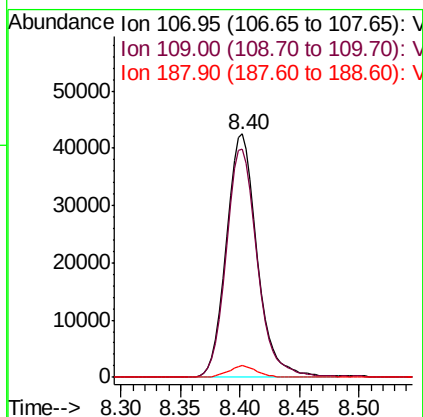
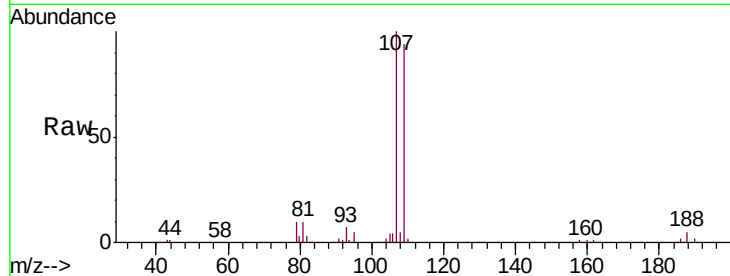




#50
1,2-Dibromoethane
Concen: 14.217 ug/L
RT: 8.40 min Scan# 2274
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

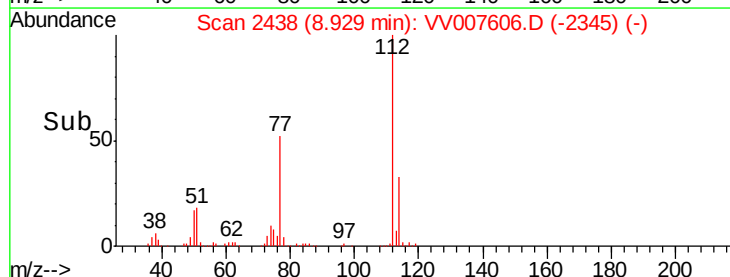
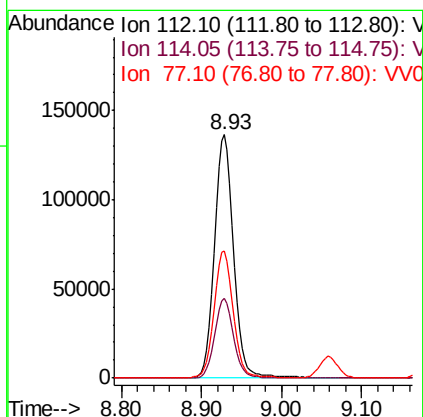
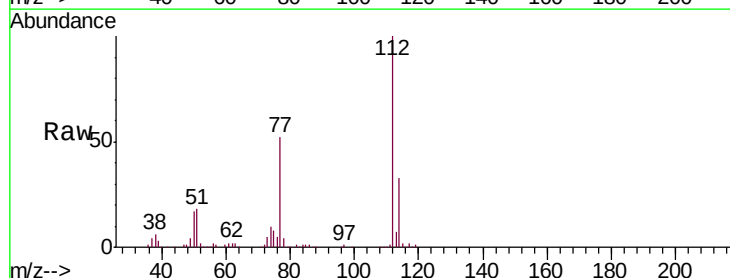
Instrument :
MSVOA_V
ClientSampled :
A3Z81

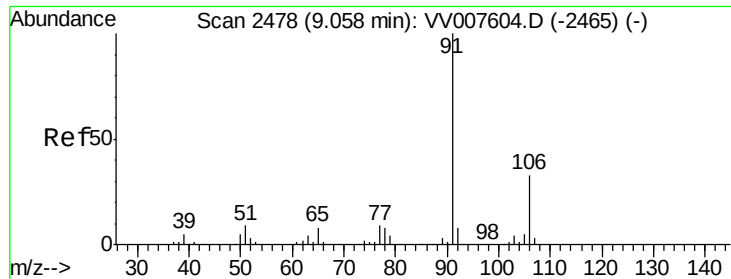
Tgt Ion:107 Resp: 76577
Ion Ratio Lower Upper
107 100
109 94.0 63.8 118.6
188 4.8 3.6 5.4



#51
Chlorobenzene
Concen: 9.687 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007606.D
Acq: 18 Sep 2018 17:14

Tgt Ion:112 Resp: 227822
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.5
77 52.5 42.0 63.0





#52

Ethylbenzene

Concen: 5.771 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

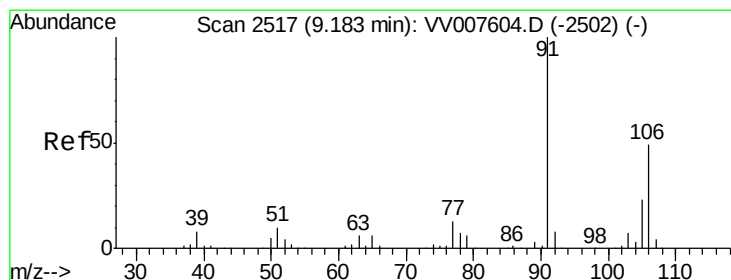
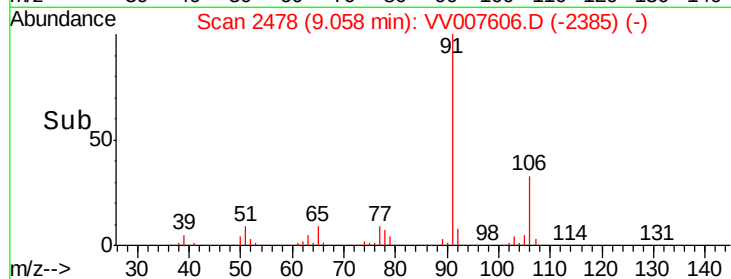
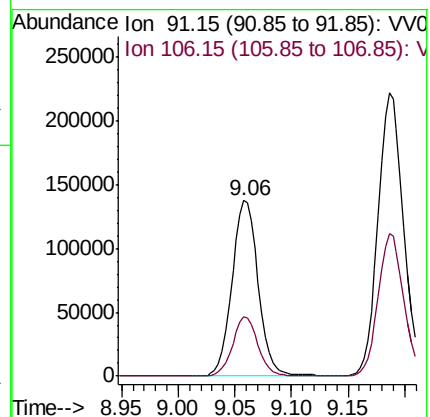
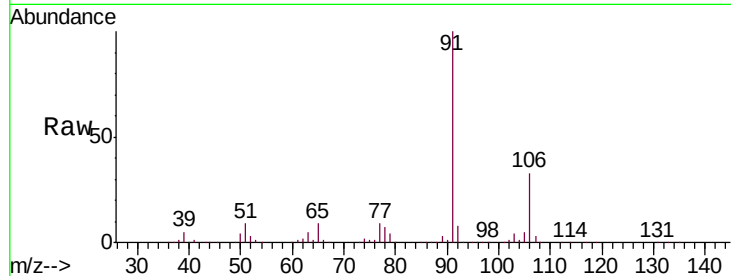
A3Z81

Tgt Ion: 91 Resp: 222716

Ion Ratio Lower Upper

91 100

106 33.5 22.5 41.9



#53

m,p-xylene

Concen: 11.418 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007606.D

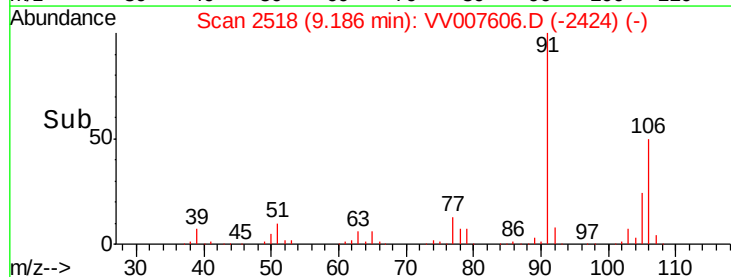
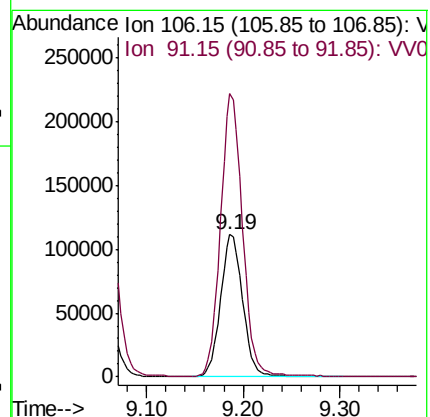
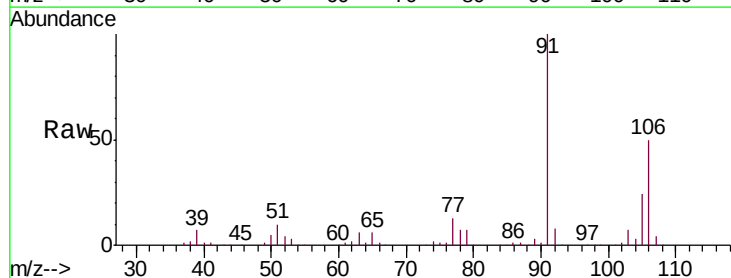
Acq: 18 Sep 2018 17:14

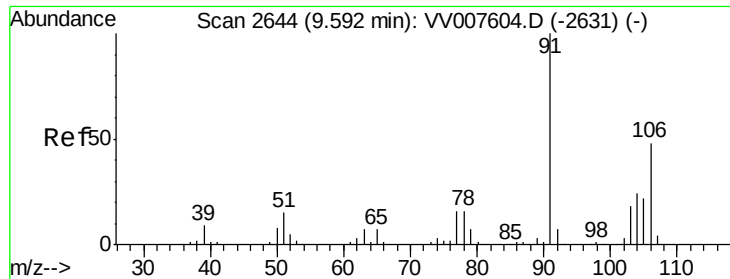
Tgt Ion: 106 Resp: 177186

Ion Ratio Lower Upper

106 100

91 199.1 139.4 258.8





#54

o-xylene

Concen: 4.945 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampled :

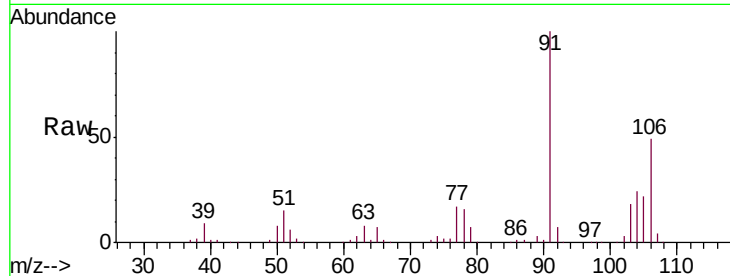
A3Z81

Tgt Ion:106 Resp: 72016

Ion Ratio Lower Upper

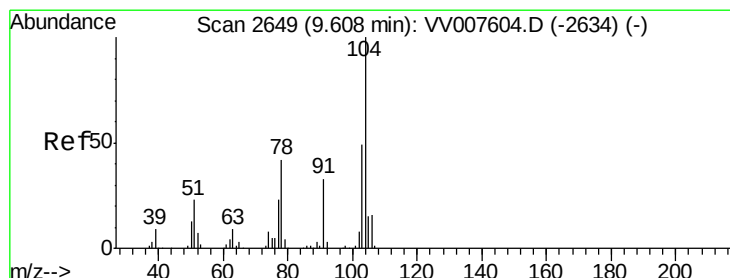
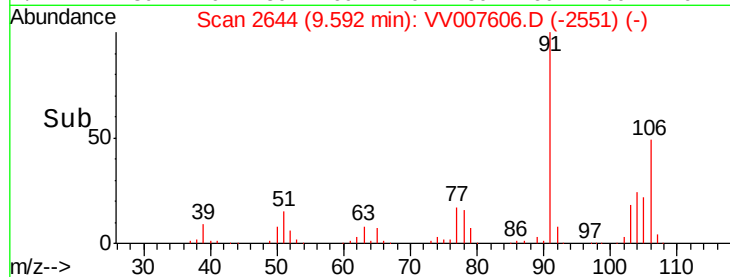
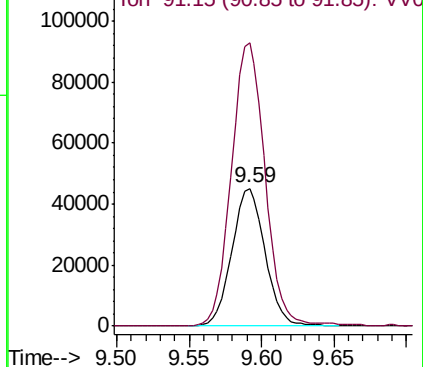
106 100

91 205.3 145.9 271.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 4.866 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. -0.00 min

Lab File: VV007606.D

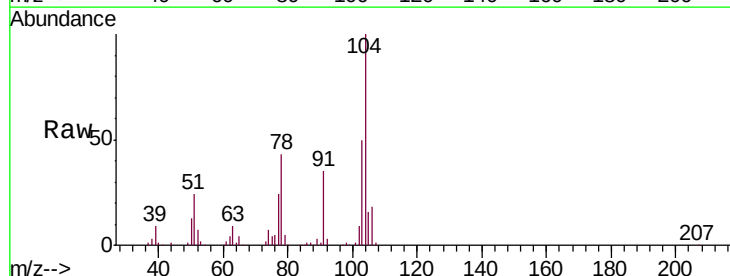
Acq: 18 Sep 2018 17:14

Tgt Ion:104 Resp: 118097

Ion Ratio Lower Upper

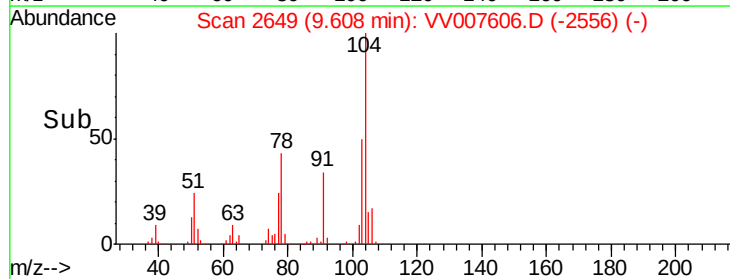
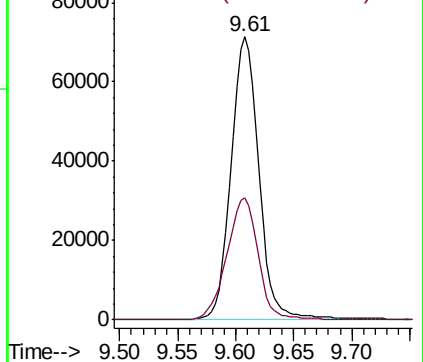
104 100

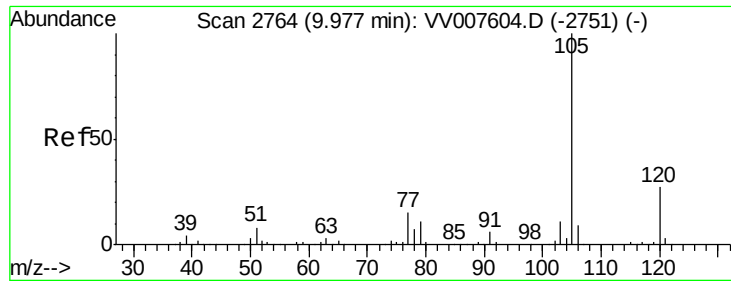
78 43.1 29.7 55.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 3.047 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

A3Z81

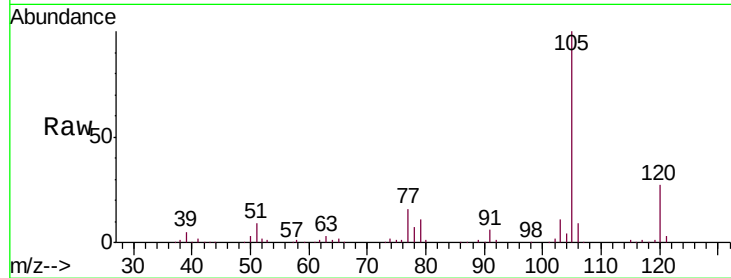
Tgt Ion:105 Resp: 123173

Ion Ratio Lower Upper

105 100

120 27.6 22.1 33.1

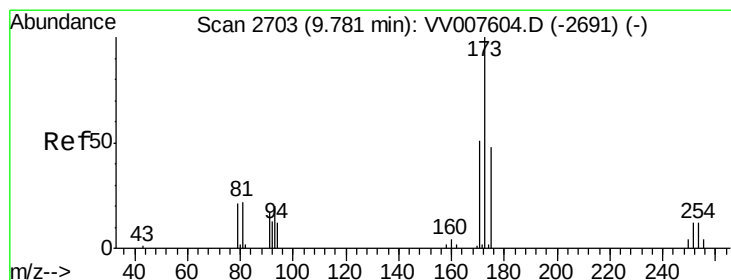
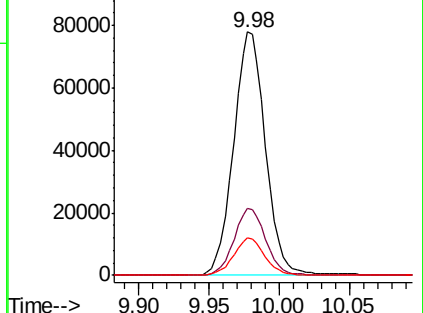
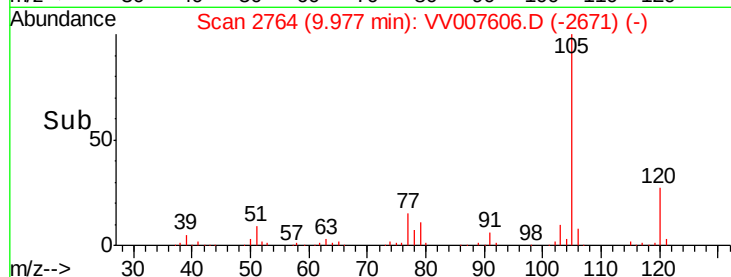
77 15.1 12.0 18.0



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: 4.738 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

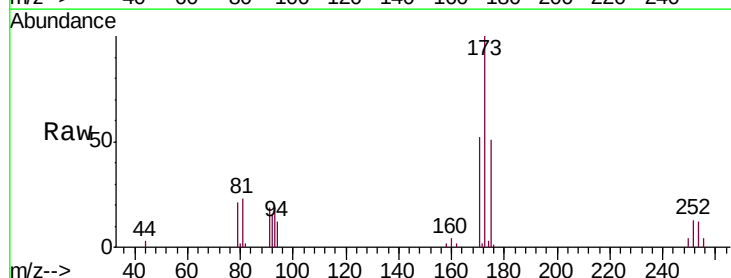
Tgt Ion:173 Resp: 19600

Ion Ratio Lower Upper

173 100

175 49.5 38.2 57.4

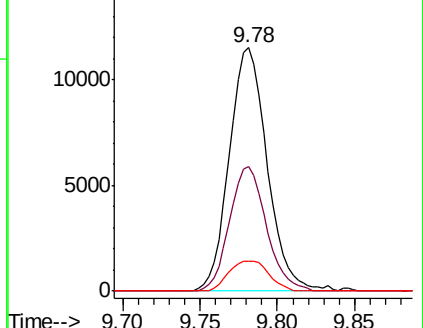
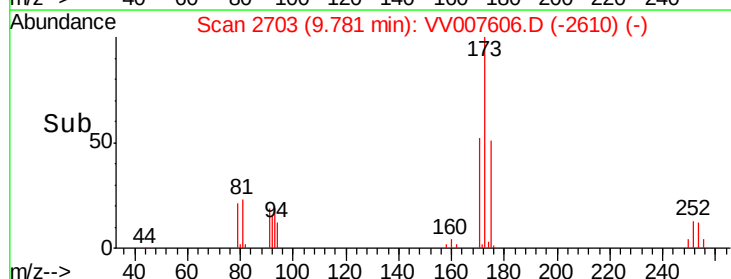
254 13.0 8.9 13.3

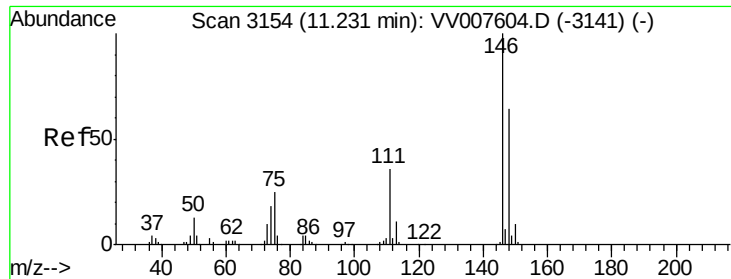


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

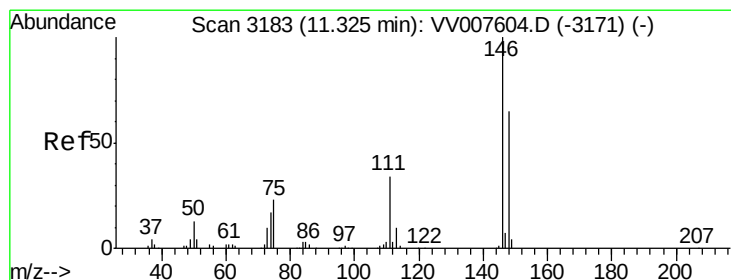
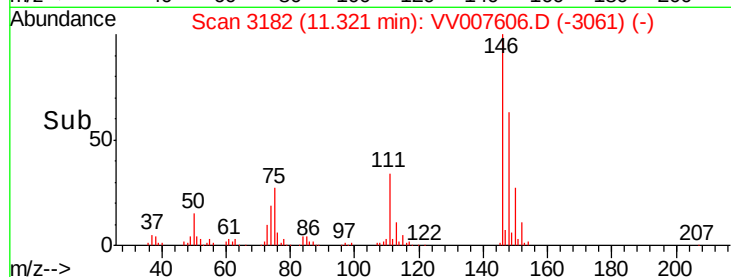
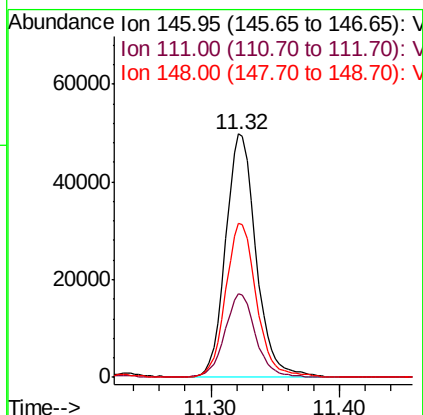
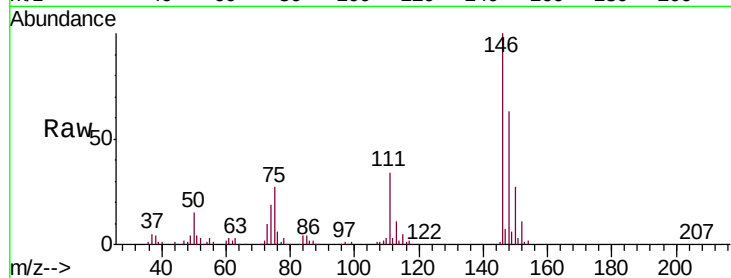




#62
 1,3-Dichlorobenzene
 Concen: 3.956 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.09 min
 Lab File: VV007606.D
 Acq: 18 Sep 2018 17:14

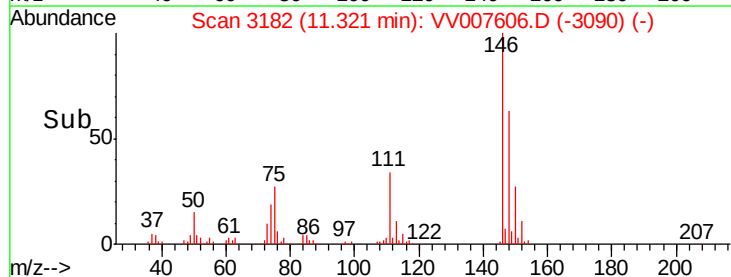
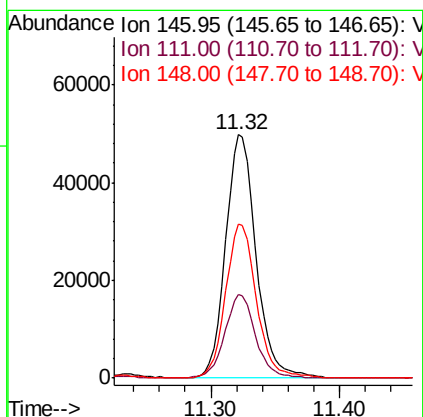
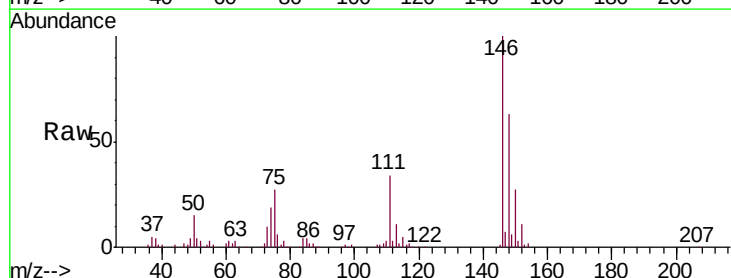
Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z81

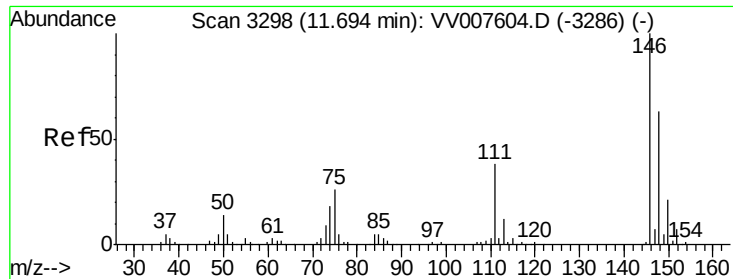
Tgt Ion:146 Resp: 81626
 Ion Ratio Lower Upper
 146 100
 111 34.2 25.0 46.4
 148 63.3 44.6 82.8



#63
 1,4-Dichlorobenzene
 Concen: 4.007 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007606.D
 Acq: 18 Sep 2018 17:14

Tgt Ion:146 Resp: 81626
 Ion Ratio Lower Upper
 146 100
 111 34.2 24.5 45.5
 148 63.3 44.0 81.8





#65

1,2-Dichlorobenzene

Concen: 11.058 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

A3Z81

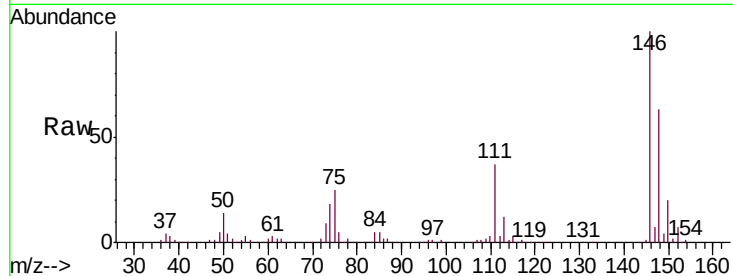
Tgt Ion:146 Resp: 209278

Ion Ratio Lower Upper

146 100

111 37.3 30.6 46.0

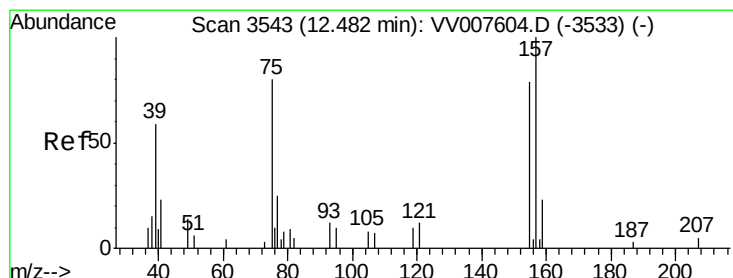
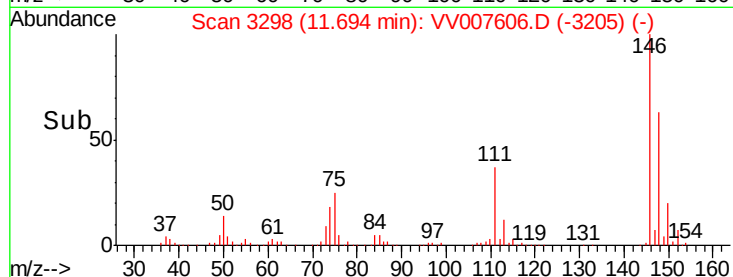
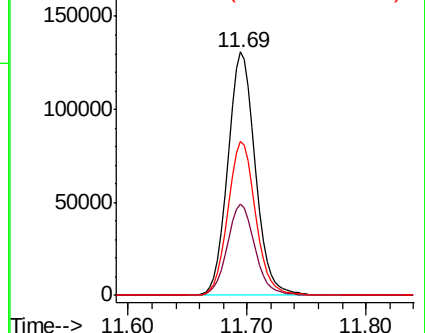
148 63.1 51.3 76.9



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



#66

1,2-Dibromo-3-chloropropane

Concen: 3.828 ug/L

RT: 12.48 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VV007606.D

Acq: 18 Sep 2018 17:14

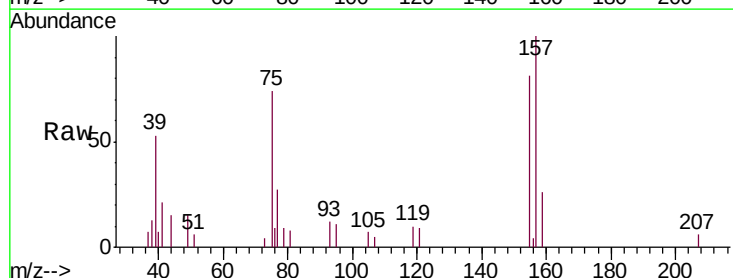
Tgt Ion: 75 Resp: 3060

Ion Ratio Lower Upper

75 100

155 108.9 79.1 118.7

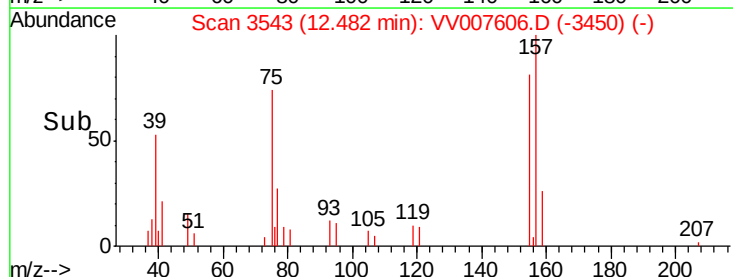
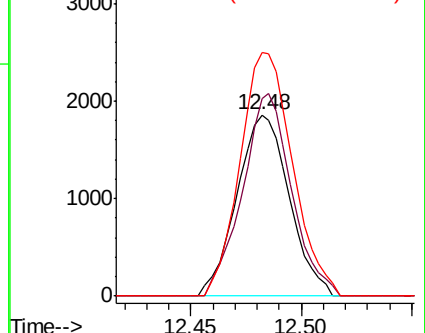
157 134.3 109.8 164.6

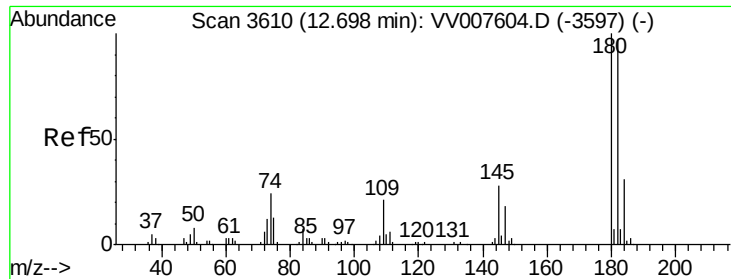


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

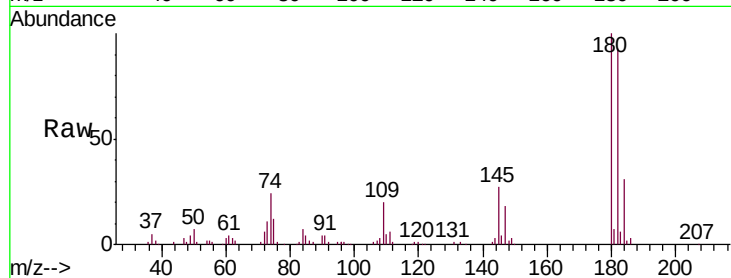




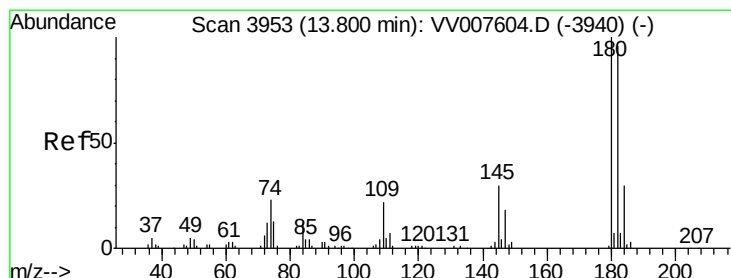
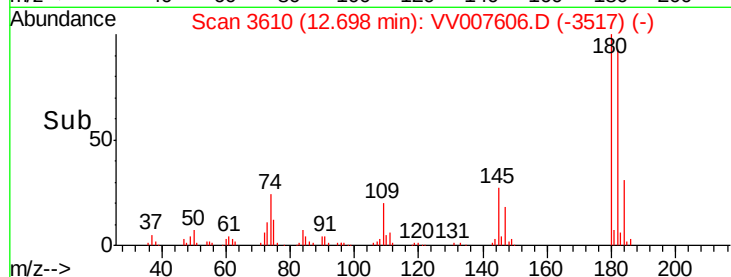
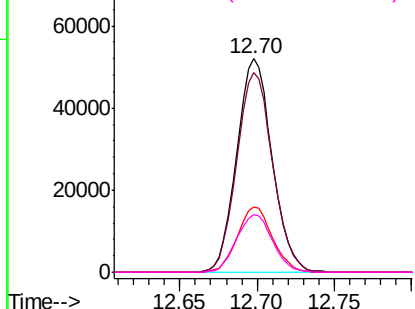
#67
 1,3,5-Trichlorobenzene
 Concen: 5.059 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VV007606.D
 Acq: 18 Sep 2018 17:14

Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z81

Tgt Ion:	180	Resp:	82454
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.2
184	30.3	24.6	36.8
145	27.5	21.4	32.0

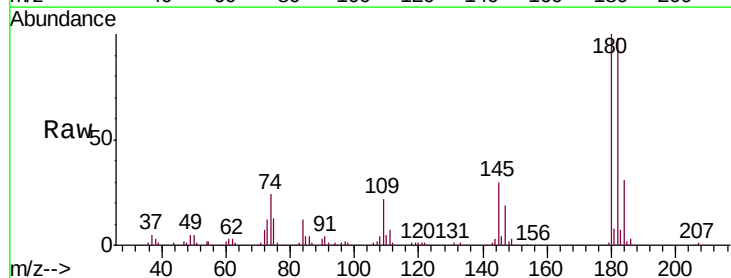


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 10.308 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. -0.00 min
 Lab File: VV007606.D
 Acq: 18 Sep 2018 17:14

Tgt Ion:	180	Resp:	108334
Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.1	112.7
145	30.3	23.6	35.4



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

