

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007254.D
 Acq On : 29 Aug 2018 13:34
 Operator : SY/MD
 Sample : J4649-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:43:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 04:42:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229774	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234365	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74355	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	66439	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	130675	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	3.97	46	243523	59.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.60%
24) Chloroform-d	4.40	84	172910	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.09	65	92139	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.10	84	335440	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	110781	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.37	98	243615	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.67	79	37948	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.15	63	112058	55.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90637	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	108318	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	82272	4.446	ug/L	98
6) Bromomethane	1.54	94	27680	4.364	ug/L	98
9) Trichlorofluoromethane	1.77	101	200250	8.081	ug/L	100
12) 1,1-Dichloroethene	2.14	96	57487	4.135	ug/L	95
13) Acetone	2.21	43	150962	73.917	ug/L	98
14) Carbon disulfide	2.32	76	253880	6.193	ug/L	99
15) Methyl Acetate	2.21	43	147517	27.236	ug/L #	47
16) Methylene chloride	2.54	84	43401	2.575	ug/L	95
17) Methyl tert-butyl Ether	2.82	73	337148	9.417	ug/L	99
19) 1,1-Dichloroethane	3.23	63	307109	9.739	ug/L	99
21) 2-Butanone	4.05	43	524933	123.608	ug/L	93
27) 1,2-Dichloroethane	5.19	62	148303	7.989	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	244235	8.943	ug/L	99
30) Cyclohexane	4.73	56	296639	12.343	ug/L	97
31) Carbon tetrachloride	4.66	117	32846	1.420	ug/L	100
34) Trichloroethene	5.96	95	93439	5.336	ug/L	98
35) Methylcyclohexane	6.18	83	164498	6.423	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

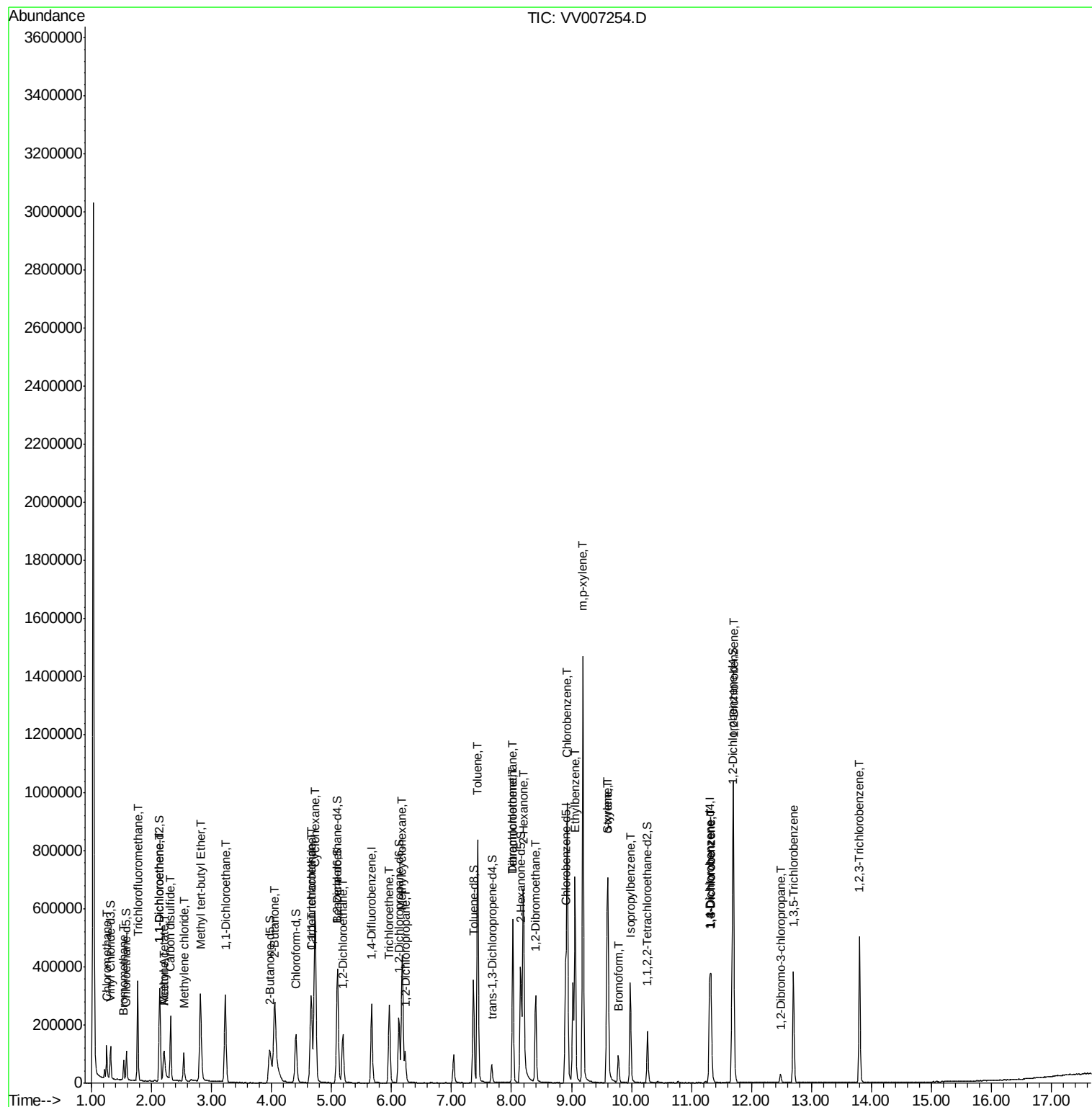
37) 1,2-Dichloropropane	6.23	63	42284	2.295	ug/L	98
42) Toluene	7.44	91	618352	9.071	ug/L	100
47) Tetrachloroethene	8.02	164	130345	9.007	ug/L	95
48) 2-Hexanone	8.20	43	444265	61.685	ug/L	99
49) Dibromochloromethane	8.02	129	112040	7.494	ug/L #	10
50) 1,2-Dibromoethane	8.40	107	196506	17.305	ug/L	100
51) Chlorobenzene	8.93	112	514500	11.102	ug/L	99
52) Ethylbenzene	9.06	91	481867	7.037	ug/L	99
53) m,p-xylene	9.19	106	403782	15.485	ug/L	99
54) o-xylene	9.59	106	143994	5.934	ug/L	100
55) Styrene	9.61	104	259367	6.096	ug/L	100
56) Isopropylbenzene	9.98	105	222704	3.451	ug/L	99
61) Bromoform	9.78	173	44770	5.845	ug/L	97
62) 1,3-Dichlorobenzene	11.32	146	142554	4.657	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	142554	4.406	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	416296	13.606	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7579	4.229	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	130642	5.831	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	163277	11.032	ug/L	99

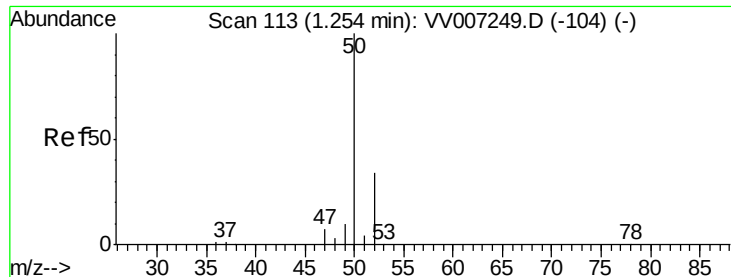
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 4.446 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

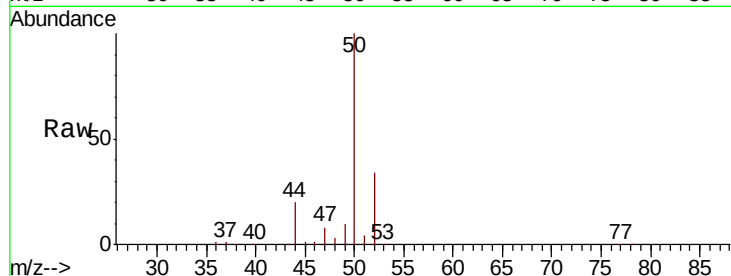
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 82272

Ion Ratio Lower Upper

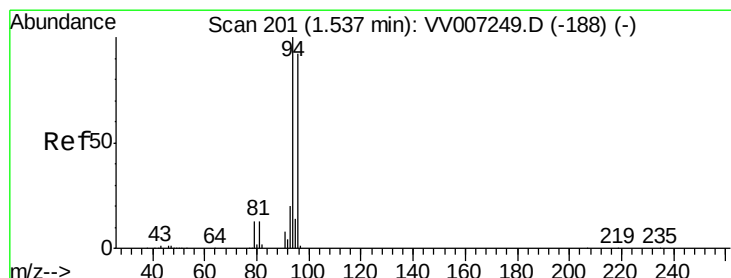
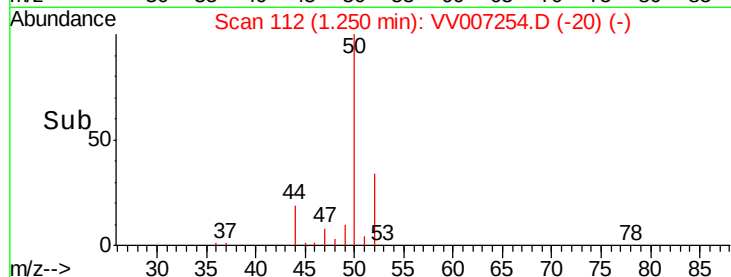
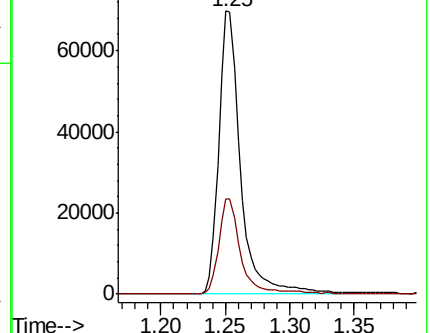
50 100

52 33.6 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV007249.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV007249.D (-104) (-)



#6

Bromomethane

Concen: 4.364 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.00 min

Lab File: VV007254.D

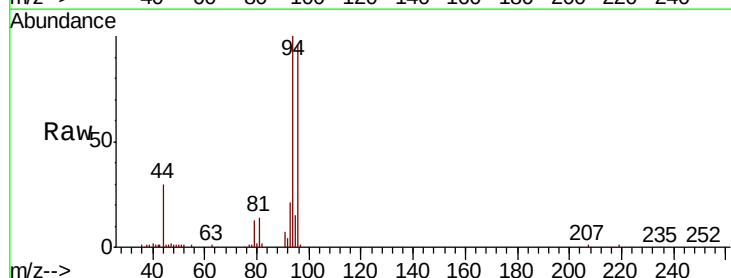
Acq: 29 Aug 2018 13:34

Tgt Ion: 94 Resp: 27680

Ion Ratio Lower Upper

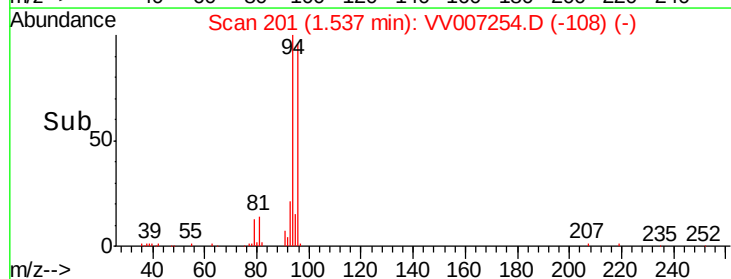
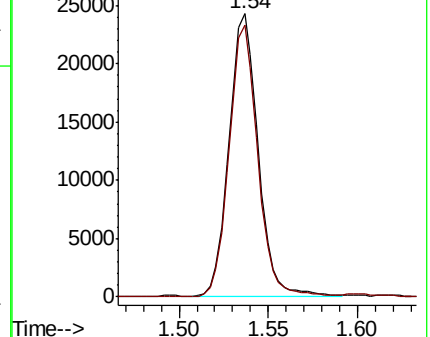
94 100

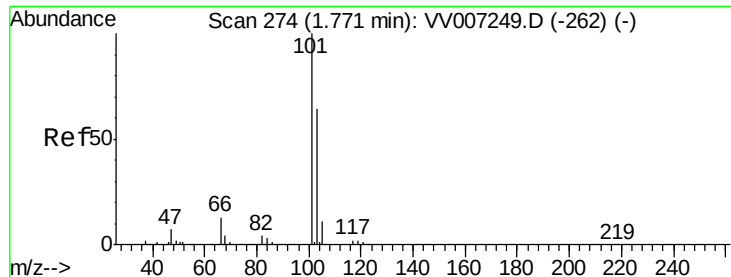
96 96.2 65.8 122.2



Abundance Ion 94.00 (93.70 to 94.70): VV007249.D (-188) (-)

Ion 96.00 (95.70 to 96.70): VV007249.D (-188) (-)



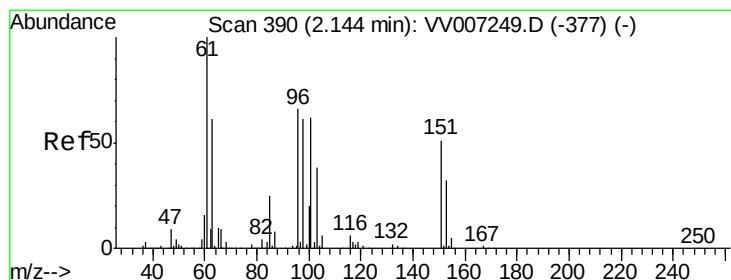
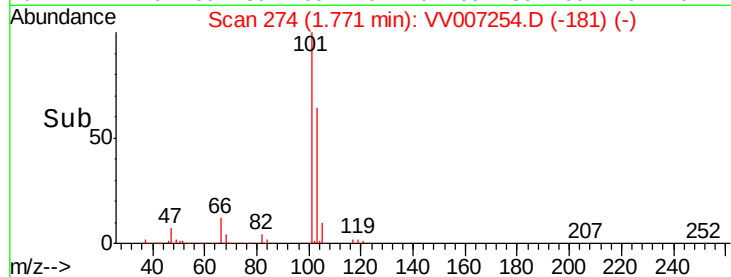
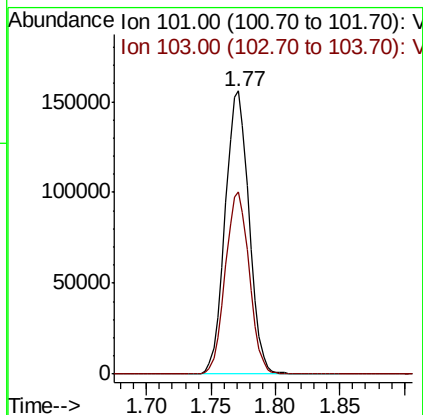
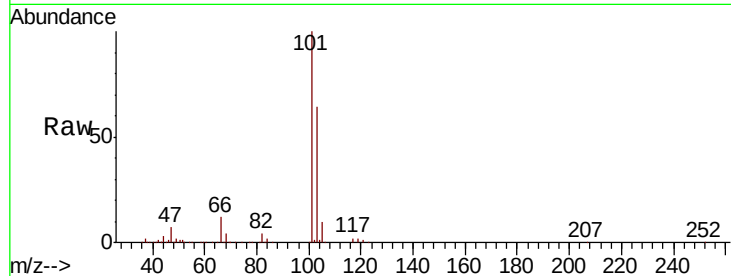


#9

Trichlorofluoromethane
 Concen: 8.081 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Instrument :
 MSVOA_V
 ClientSampleId :

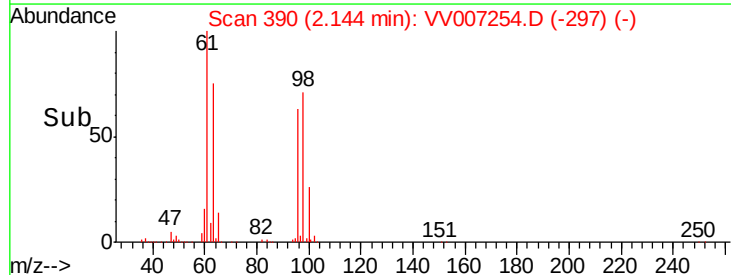
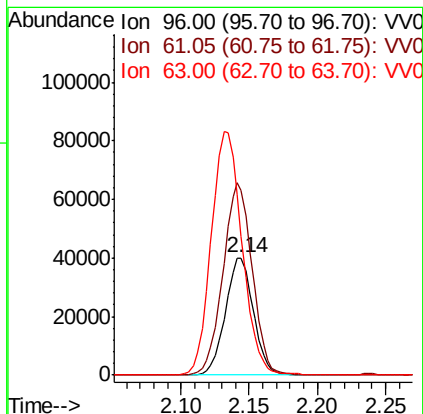
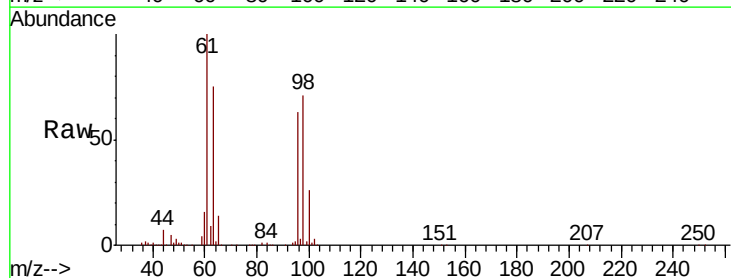
Tot Ion:101 Resp: 200250
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9

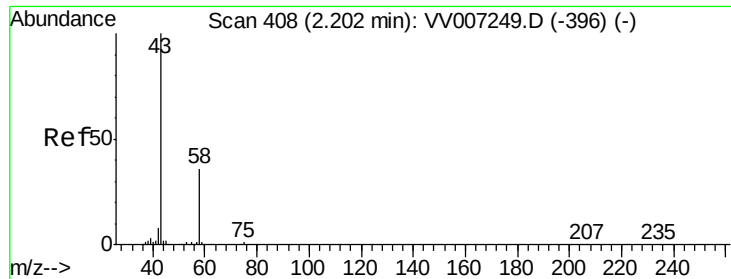


#12

1,1-Dichloroethene
 Concen: 4.135 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Tgt Ion: 96 Resp: 57487
 Ion Ratio Lower Upper
 96 100
 61 157.5 112.3 208.5
 63 118.0 75.4 140.0





#13

Acetone

Concen: 73.917 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.01 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

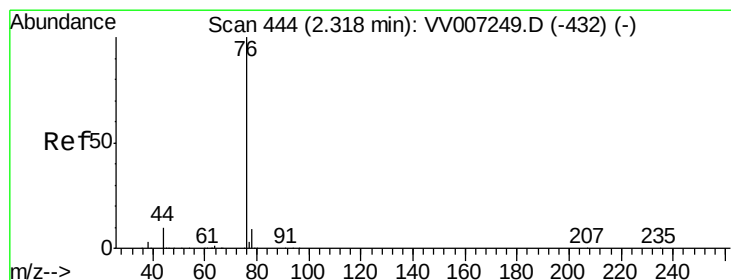
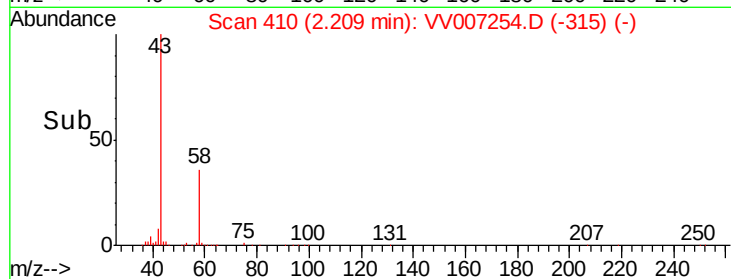
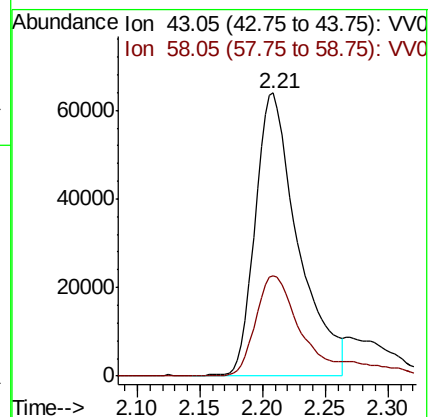
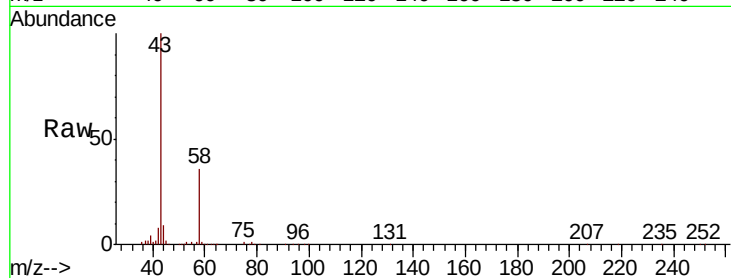
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 150962

Ion Ratio Lower Upper

43 100 0.0 70.2

58 36.1 0.0 70.2



#14

Carbon disulfide

Concen: 6.193 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV007254.D

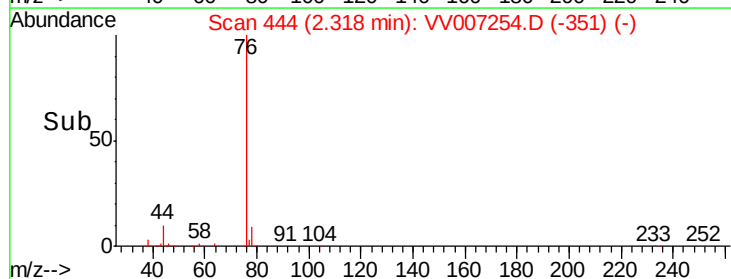
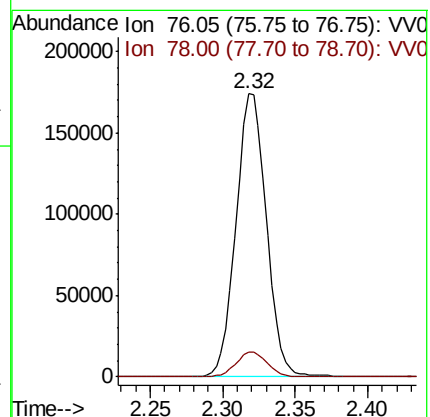
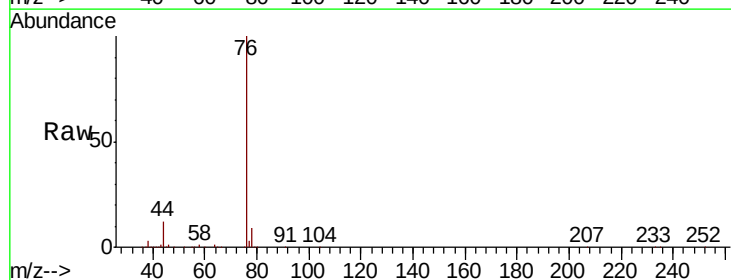
Acq: 29 Aug 2018 13:34

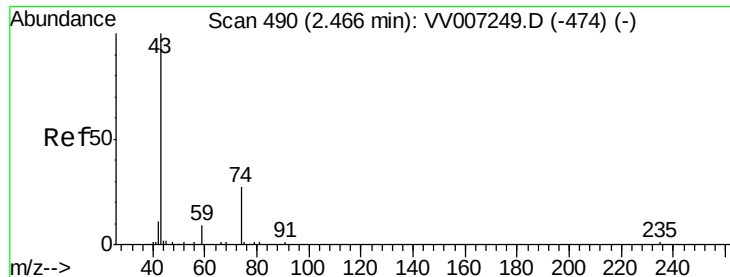
Tgt Ion: 76 Resp: 253880

Ion Ratio Lower Upper

76 100 7.2 10.8

78 8.7 7.2 10.8

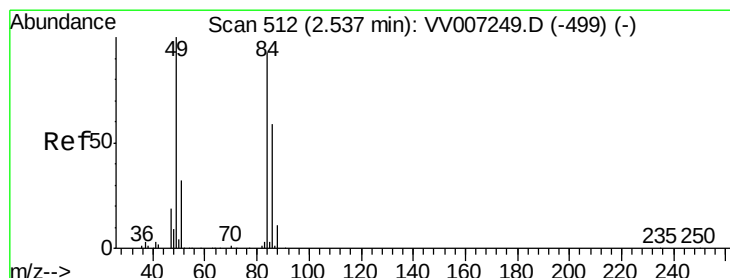
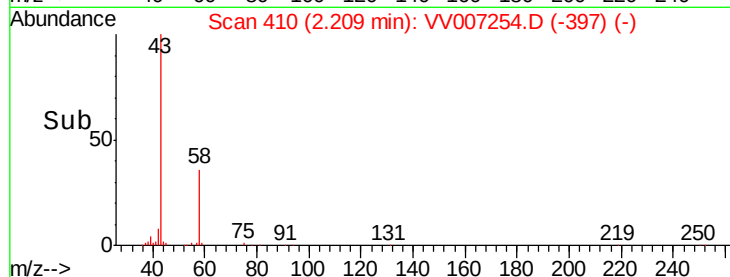
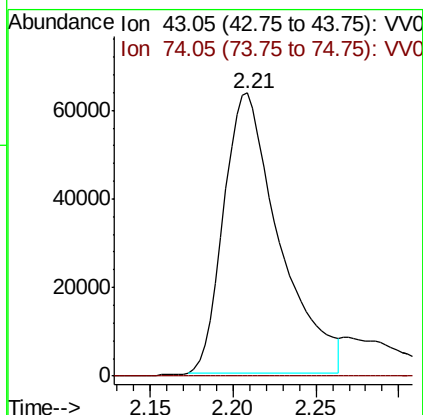
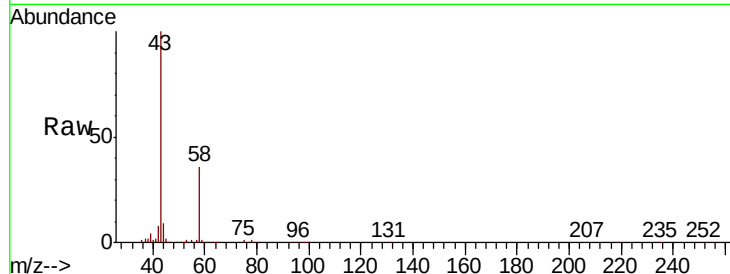




#15
Methyl Acetate
Concen: 27.236 ug/L
RT: 2.21 min Scan# 410
Delta R.T. -0.26 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

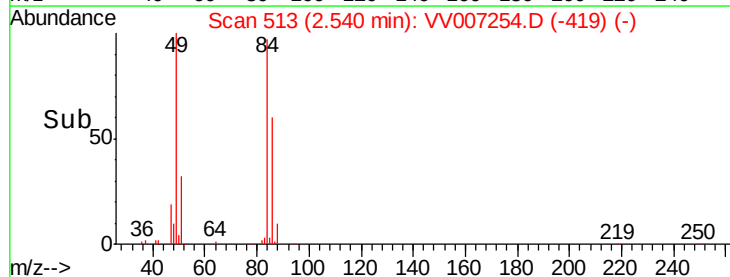
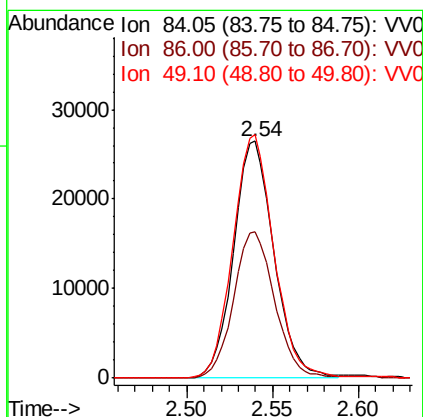
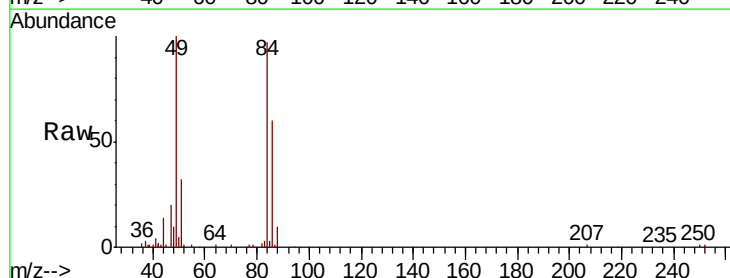
Instrument :
MSVOA_V
ClientSampled :

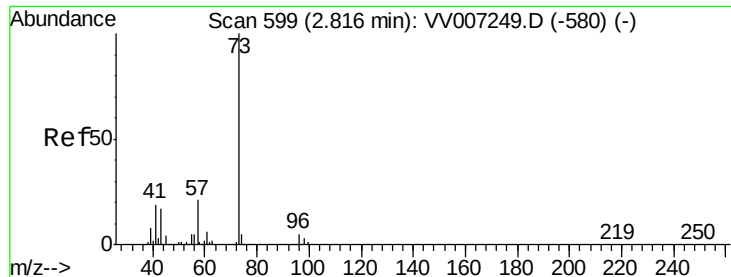
Tot Ion: 43 Resp: 147517
Ion Ratio Lower Upper
43 100
74 0.1 22.2 33.2#



#16
Methylene chloride
Concen: 2.575 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Tgt Ion: 84 Resp: 43401
Ion Ratio Lower Upper
84 100
86 61.8 46.3 85.9
49 102.9 75.2 139.6

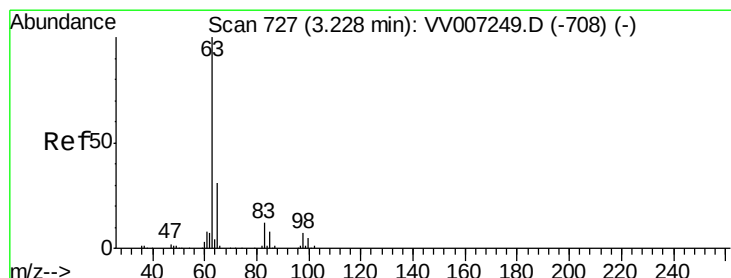
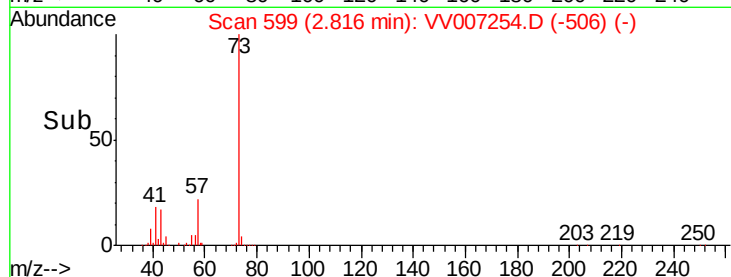
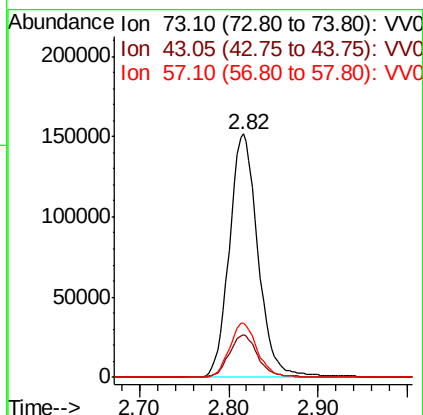
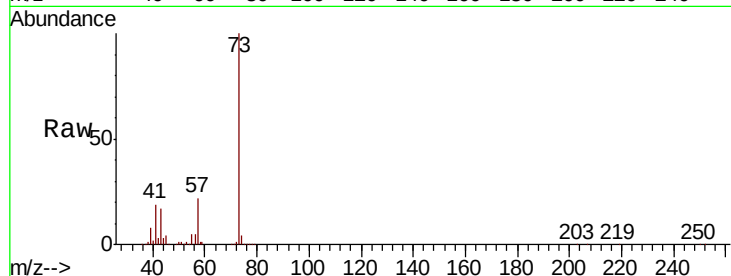




#17
Methyl tert-butyl Ether
Concen: 9.417 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

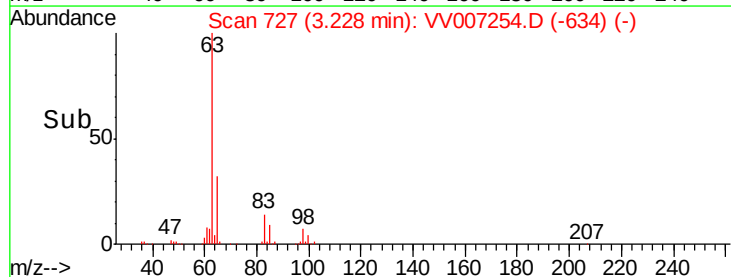
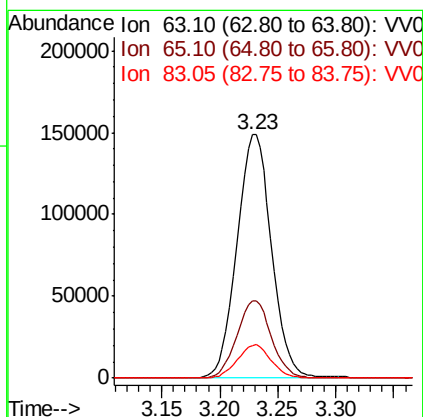
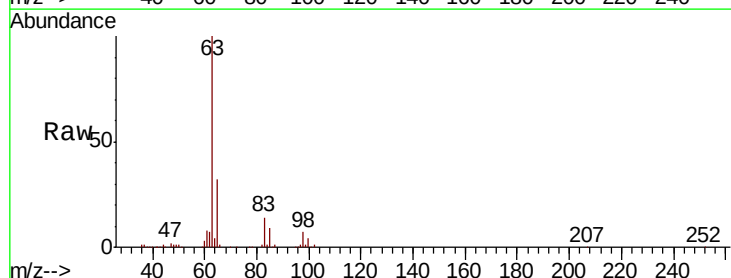
Instrument :
MSVOA_V
ClientSampled :

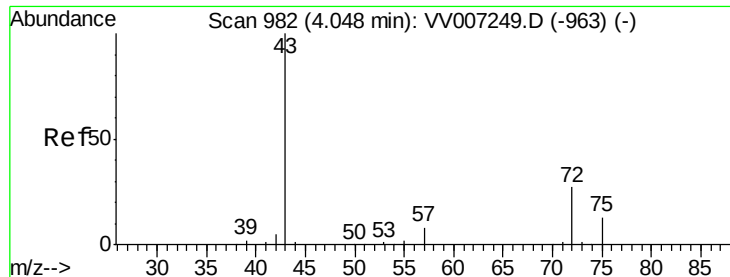
Tot Ion: 73 Resp: 337148
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.9 16.9 25.3



#19
1,1-Dichloroethane
Concen: 9.739 ug/L
RT: 3.23 min Scan# 727
Delta R.T. -0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Tgt Ion: 63 Resp: 307109
Ion Ratio Lower Upper
63 100
65 31.8 21.8 40.4
83 13.6 9.4 17.4





#21

2-Butanone

Concen: 123.608 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

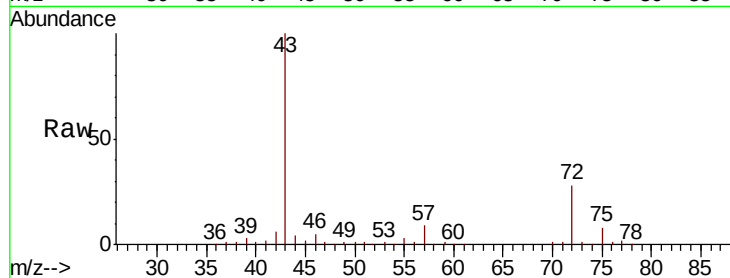
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 524933

Ion Ratio Lower Upper

43 100

72 28.2 12.4 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007249.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VV007249.D (-963) (-)

4.05

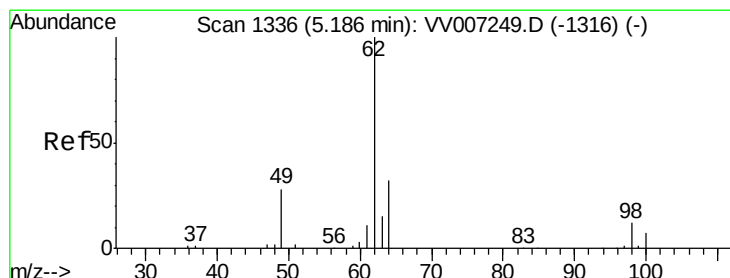
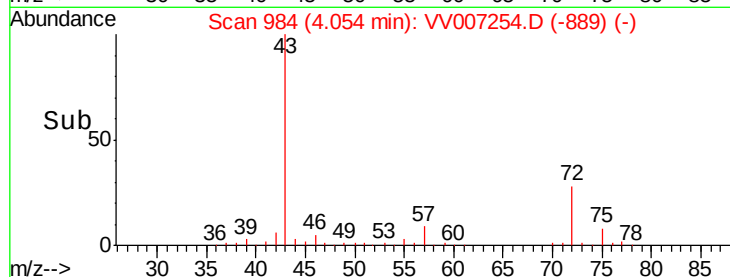
150000

100000

50000

0

Time-->



#27

1,2-Dichloroethane

Concen: 7.989 ug/L

RT: 5.19 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VV007254.D

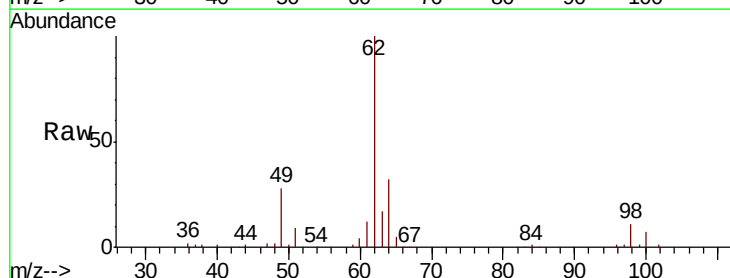
Acq: 29 Aug 2018 13:34

Tgt Ion: 62 Resp: 148303

Ion Ratio Lower Upper

62 100

98 10.5 8.1 12.1



Abundance Ion 62.00 (61.70 to 62.70): VV007249.D (-1316) (-)

Ion 98.05 (97.75 to 98.75): VV007249.D (-1316) (-)

5.19

80000

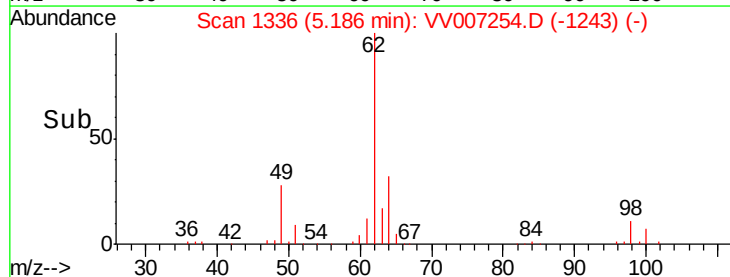
60000

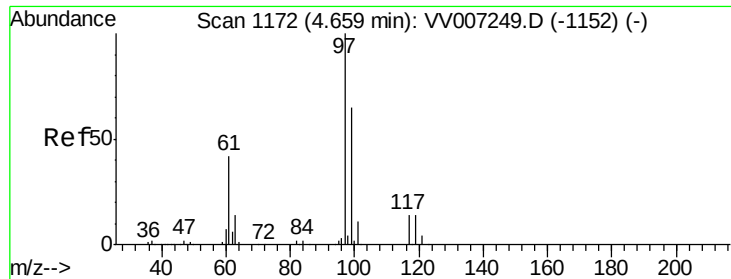
40000

20000

0

Time-->

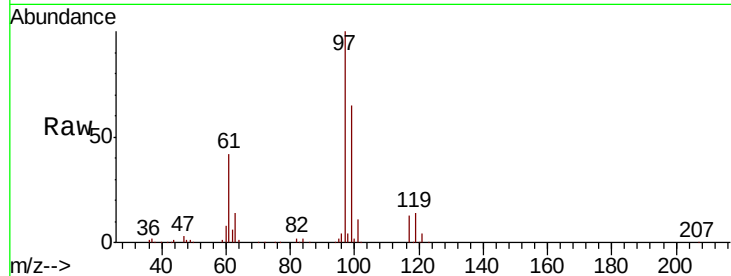




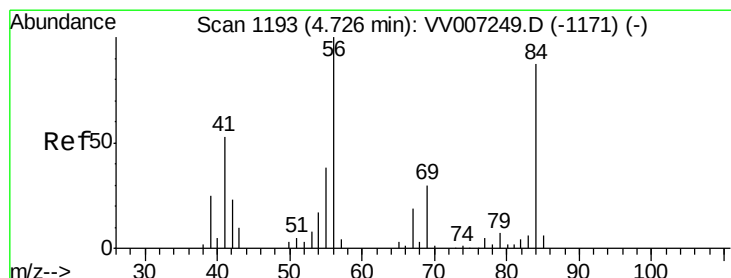
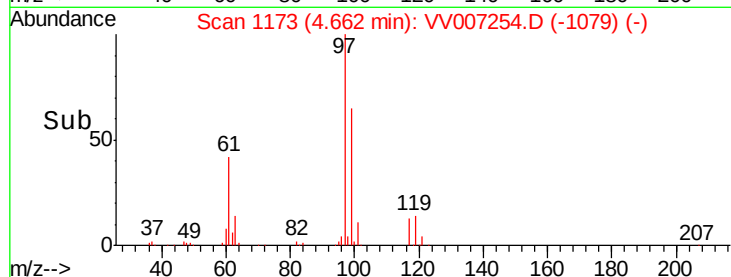
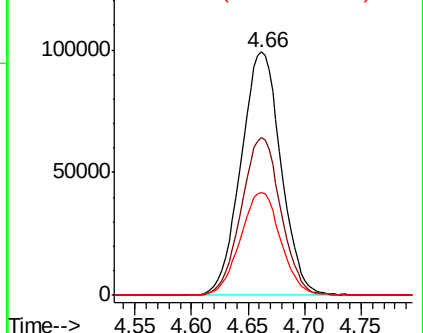
#29
 1,1,1-Trichloroethane
 Concen: 8.943 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.8	76.2
61	42.8	34.6	51.8

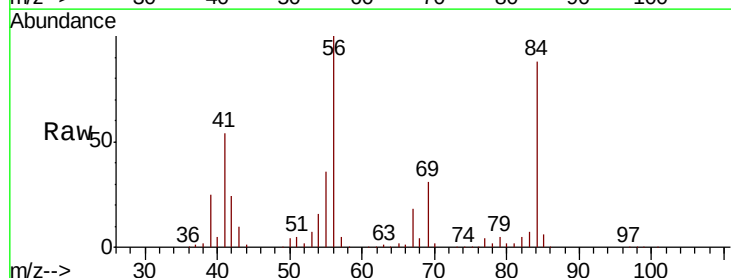


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

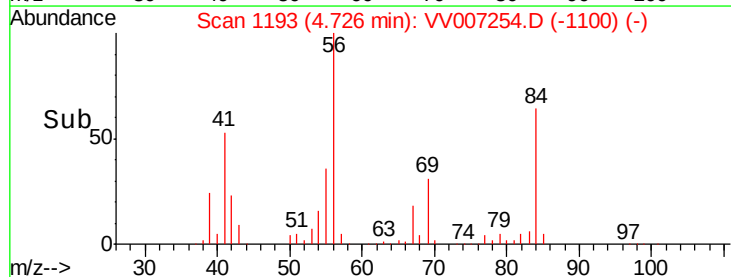
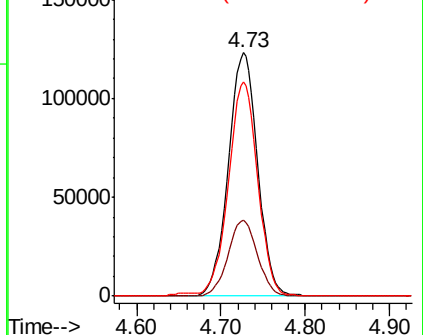


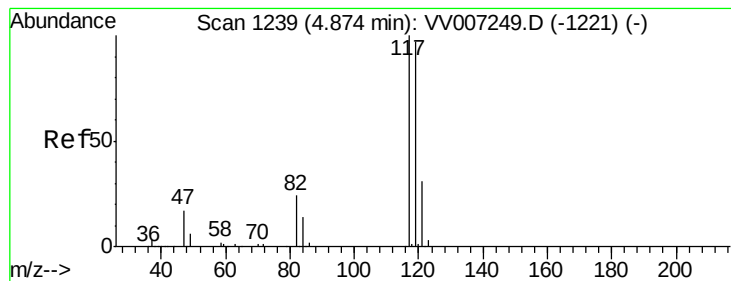
#30
 Cyclohexane
 Concen: 12.343 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.8	37.2
84	87.7	72.9	109.3



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: 1.420 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.21 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

Instrument :

MSVOA_V

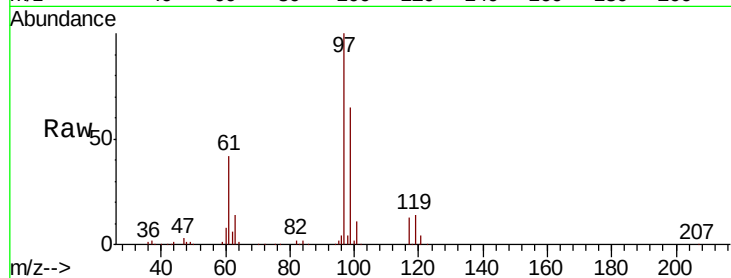
ClientSampleId :

Tot Ion:117 Resp: 32846

Ion Ratio Lower Upper

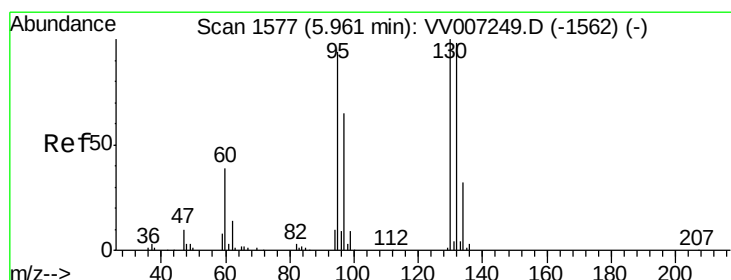
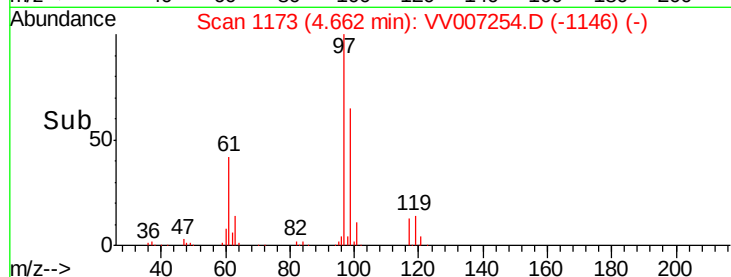
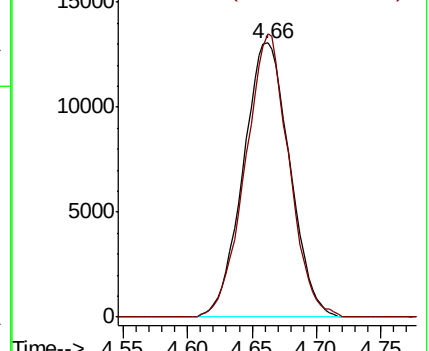
117 100

119 96.9 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: 5.336 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

Tgt Ion: 95 Resp: 93439

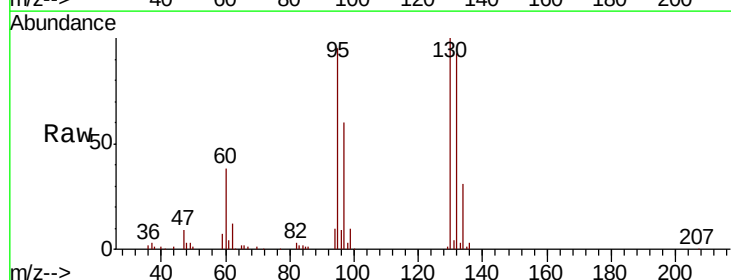
Ion Ratio Lower Upper

95 100

97 63.1 44.2 82.2

132 97.3 71.3 132.3

130 105.0 72.8 135.2

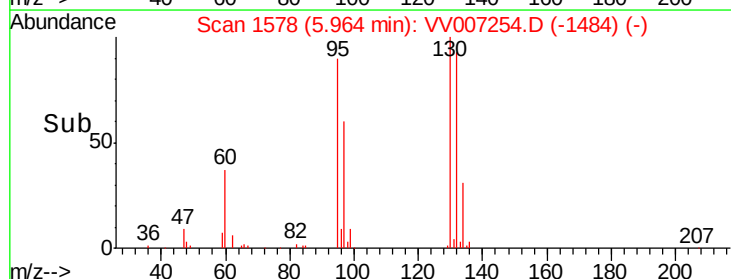
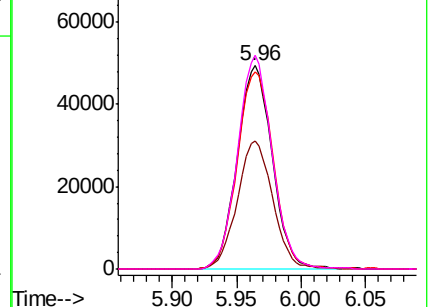


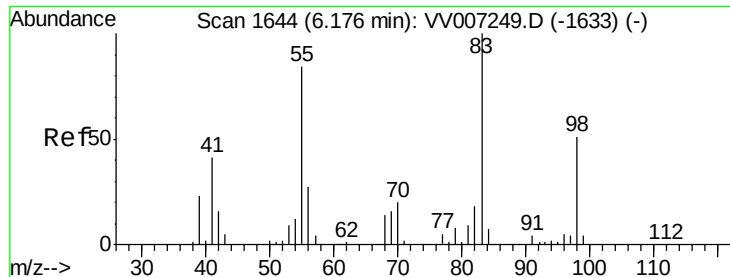
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

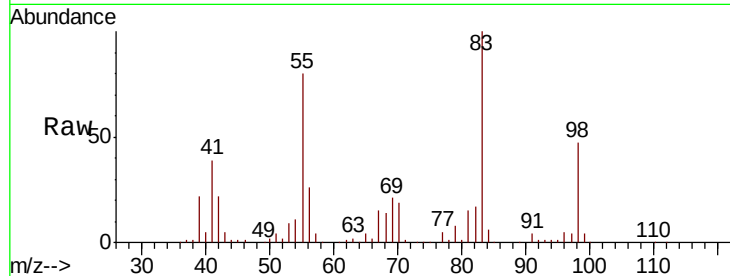




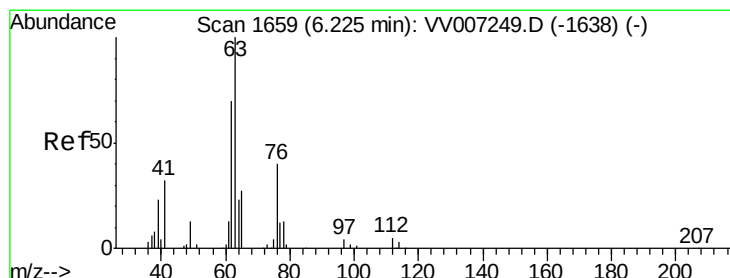
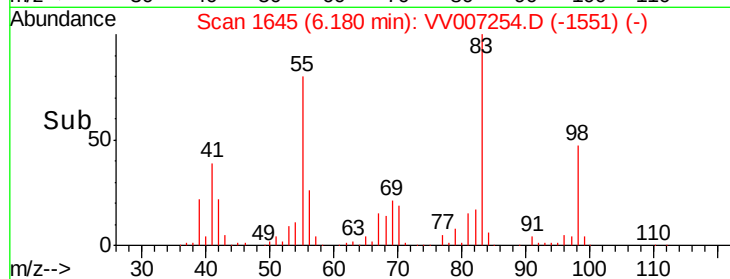
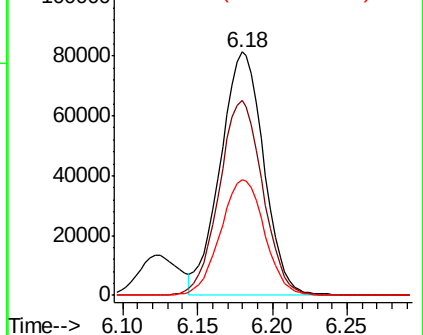
#35
Methvlcvclohexane
Concen: 6.423 ug/L
RT: 6.18 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 164498
Ion Ratio Lower Upper
83 100
55 80.6 64.0 96.0
98 48.4 38.8 58.2

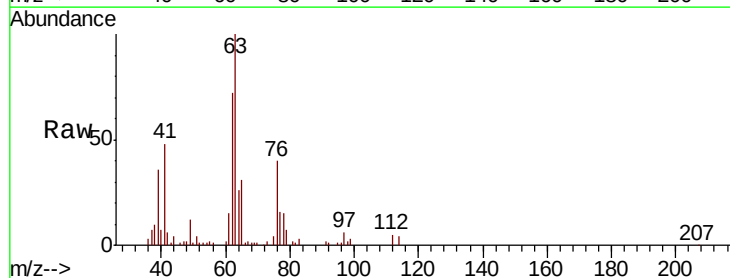


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

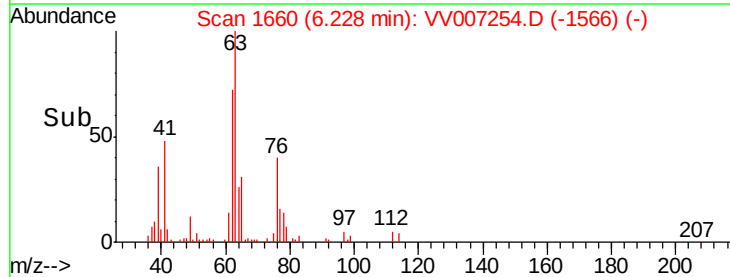
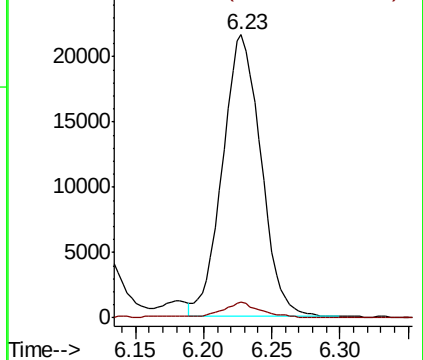


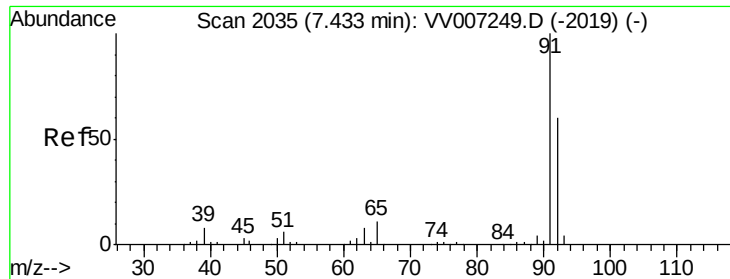
#37
1,2-Dichloropropane
Concen: 2.295 ug/L
RT: 6.23 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Tgt Ion: 63 Resp: 42284
Ion Ratio Lower Upper
63 100
112 5.5 3.9 5.9



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 9.071 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

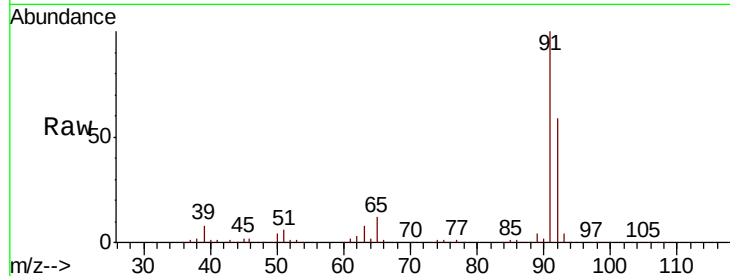
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 618352

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV007249.D (-2019) (-)

Ion 92.15 (91.85 to 92.85): VV007249.D (-2019) (-)

7.44

400000

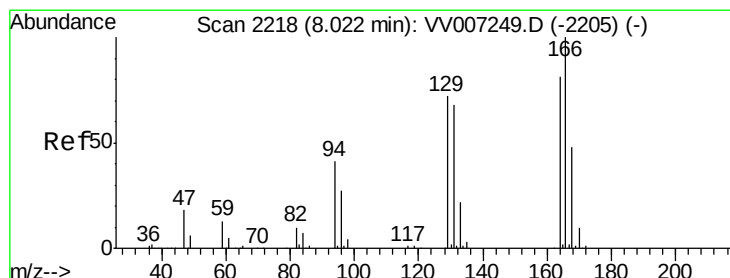
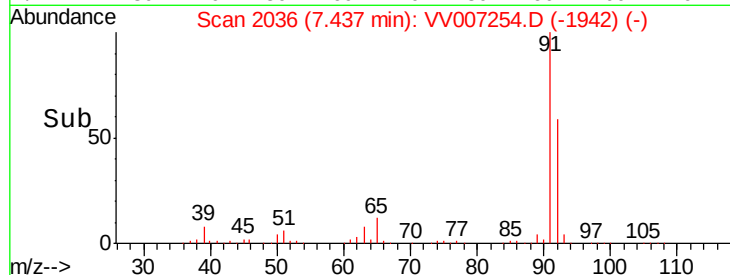
300000

200000

100000

0

Time-->



#47

Tetrachloroethene

Concen: 9.007 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

Tgt Ion: 164 Resp: 130345

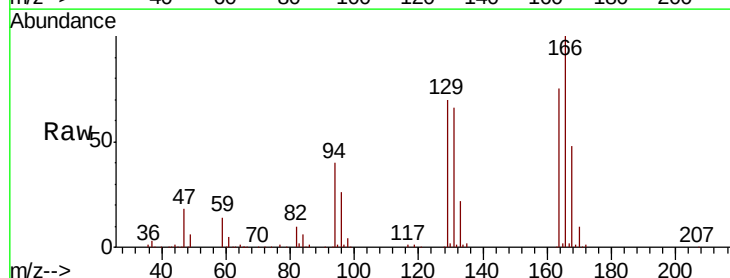
Ion Ratio Lower Upper

164 100

129 92.5 62.7 116.5

131 87.5 60.1 111.7

166 132.5 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): VV007249.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV007249.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV007249.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV007249.D (-2205) (-)

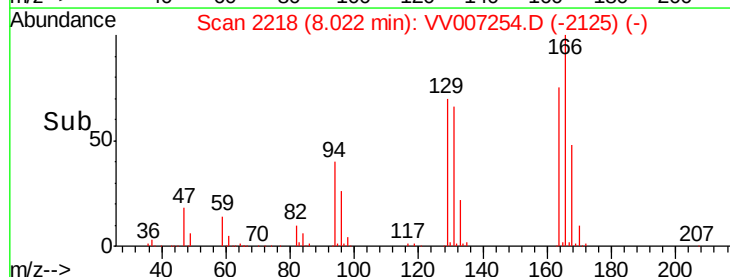
150000

100000

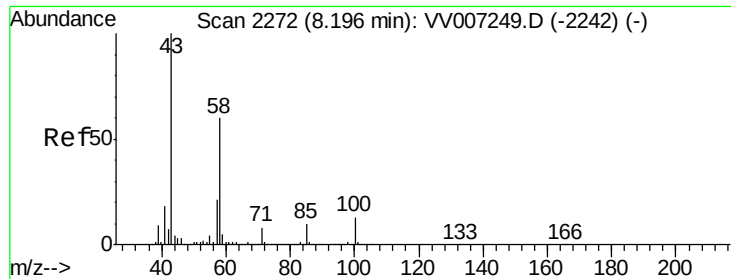
50000

0

Time-->



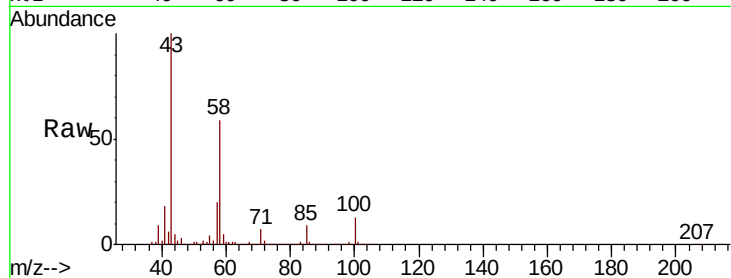
8.02



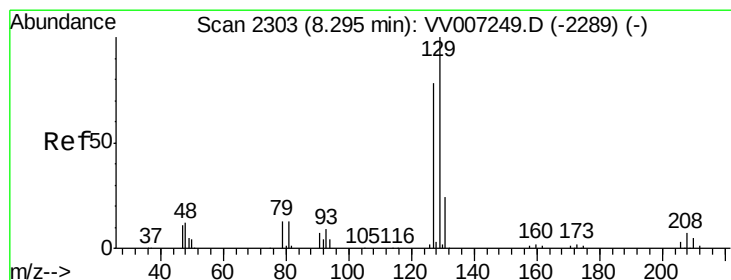
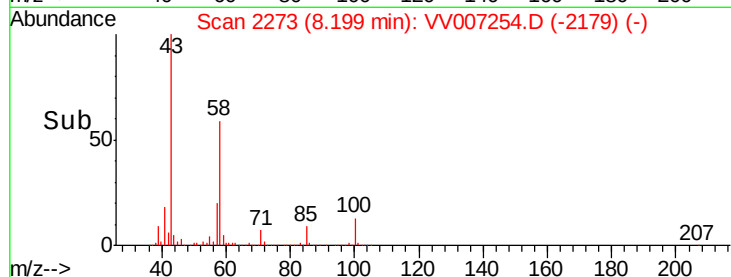
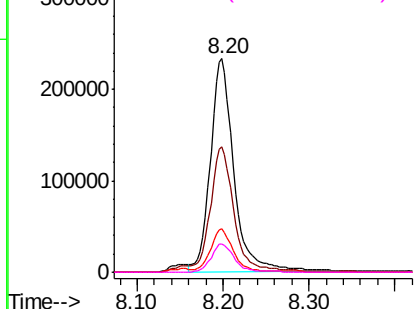
#48
2-Hexanone
Concen: 61.685 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 444265
Ion Ratio Lower Upper
43 100
58 62.2 50.0 75.0
57 20.0 16.6 25.0
100 12.7 10.2 15.4

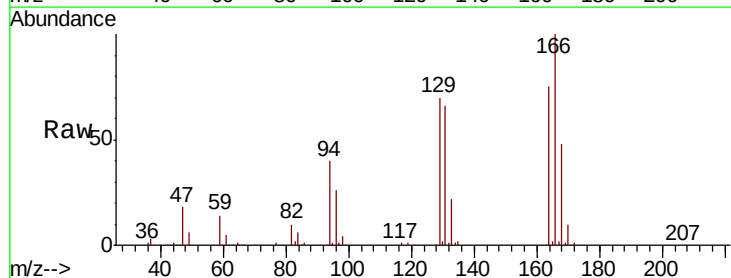


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

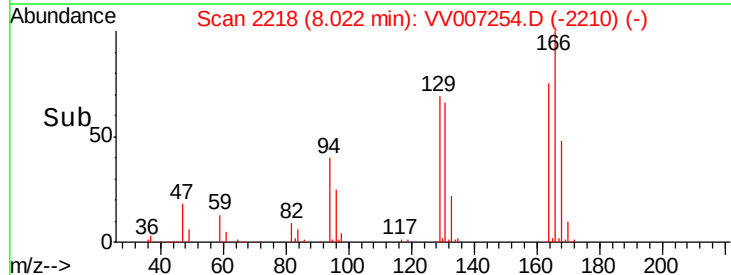
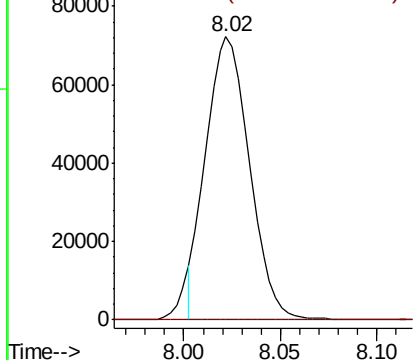


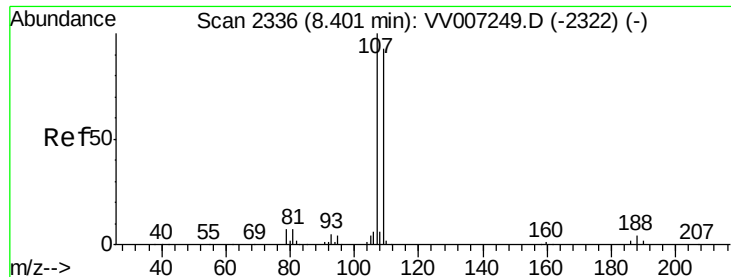
#49
Dibromochloromethane
Concen: 7.494 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Tgt Ion: 129 Resp: 112040
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#



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

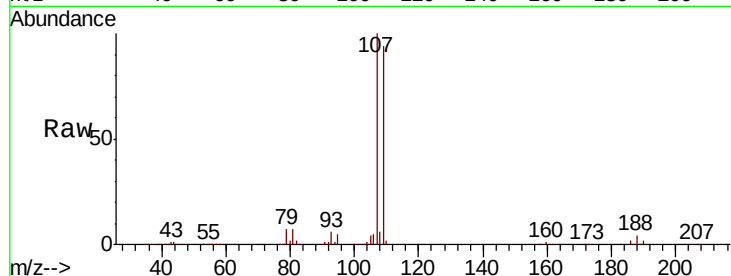




#50
1,2-Dibromoethane
Concen: 17.305 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.9	122.3
188	4.1	3.5	5.3

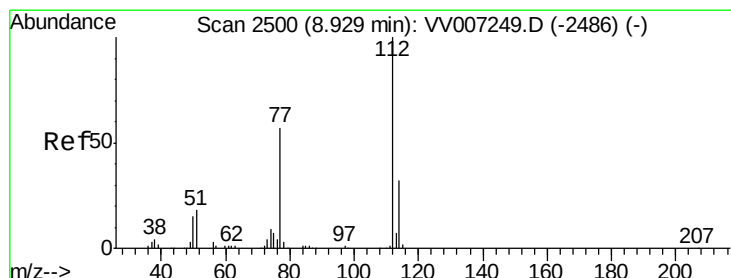
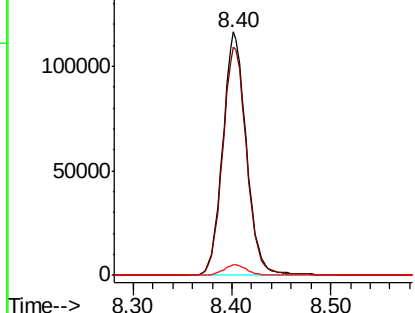
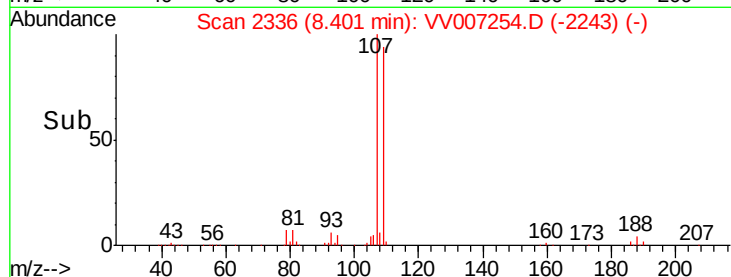


Abundance

Ion 106.95 (106.65 to 107.65): V

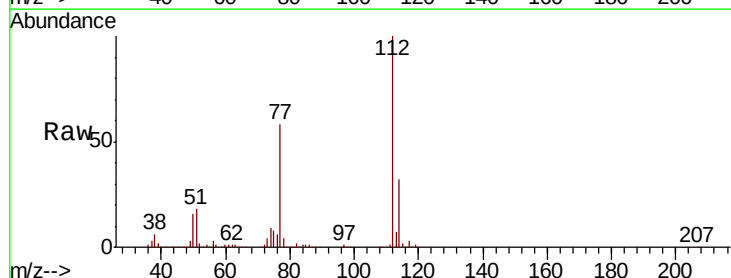
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51
Chlorobenzene
Concen: 11.102 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	41.0
77	58.3	45.9	68.9

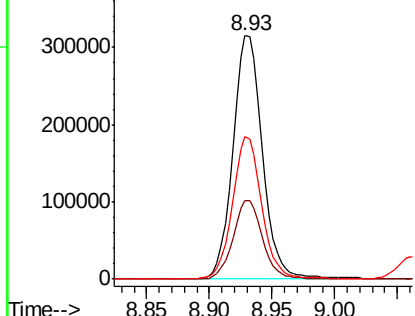
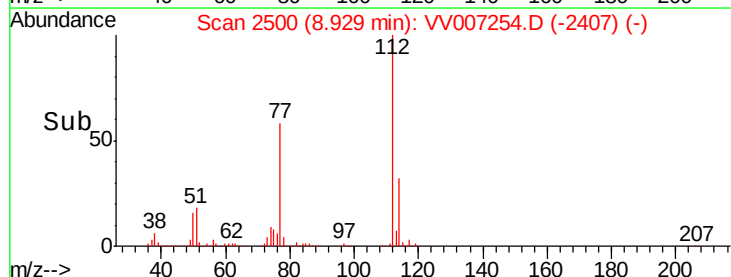


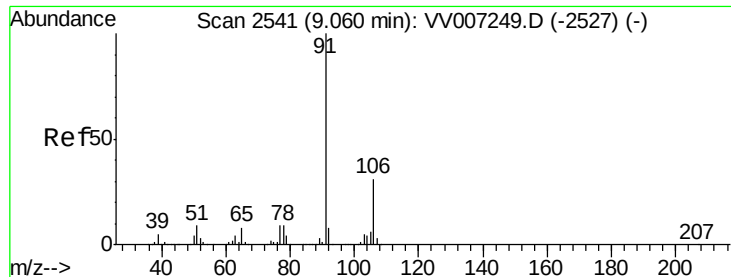
Abundance

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): VV0





#52

Ethylbenzene

Concen: 7.037 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

Instrument :

MSVOA_V

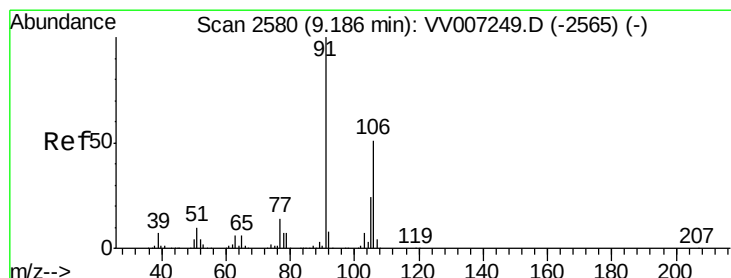
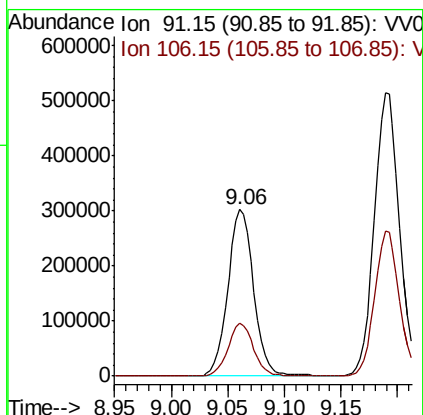
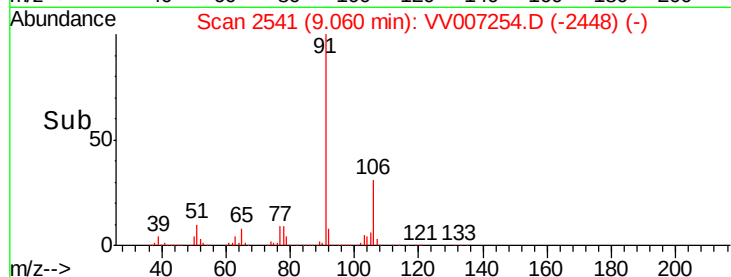
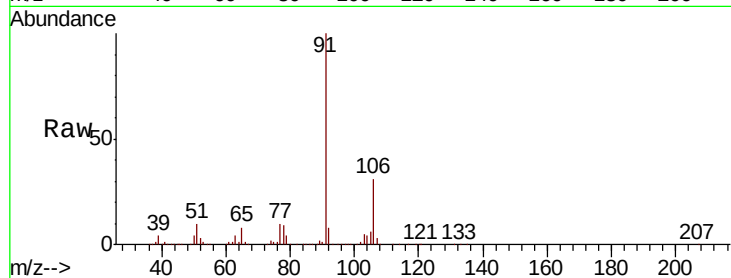
ClientSampleId :

Tot Ion: 91 Resp: 481867

Ion Ratio Lower Upper

91 100

106 31.5 22.3 41.3



#53

m,p-xylene

Concen: 15.485 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV007254.D

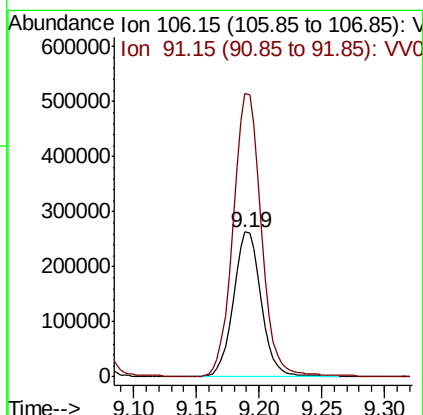
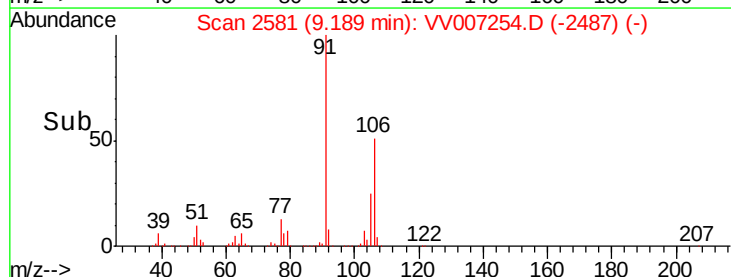
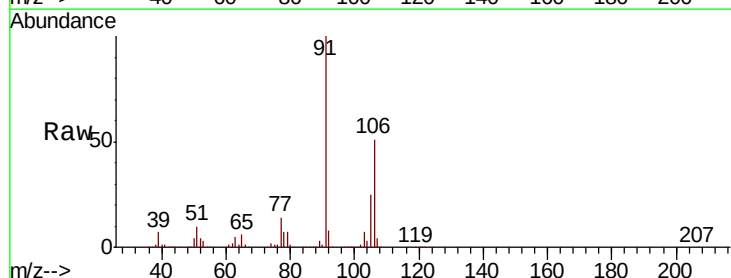
Acq: 29 Aug 2018 13:34

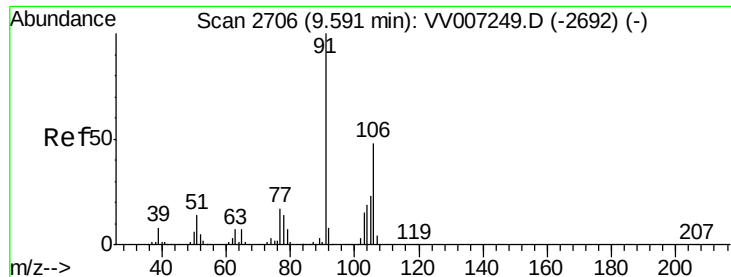
Tgt Ion: 106 Resp: 403782

Ion Ratio Lower Upper

106 100

91 195.9 138.4 257.0





#54

o-xylene

Concen: 5.934 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV007254.D

Acq: 29 Aug 2018 13:34

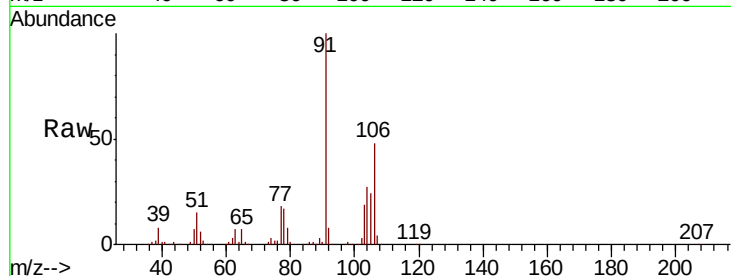
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 143994

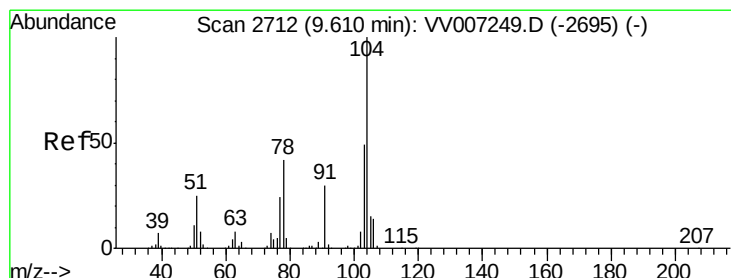
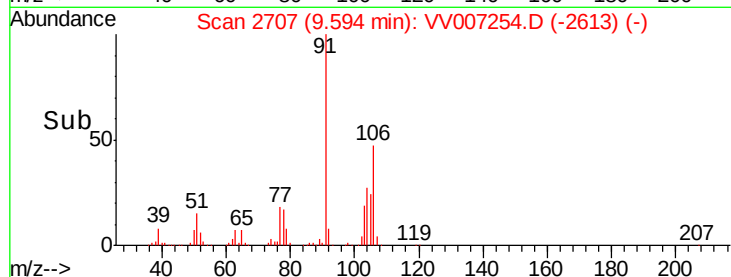
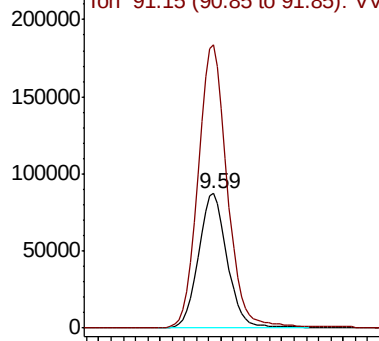
Ion Ratio Lower Upper

106 100

91 209.9 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 6.096 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV007254.D

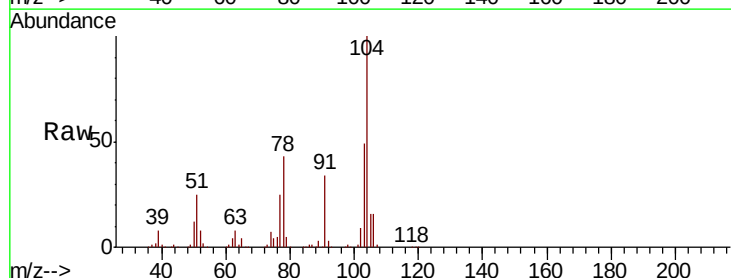
Acq: 29 Aug 2018 13:34

Tgt Ion:104 Resp: 259367

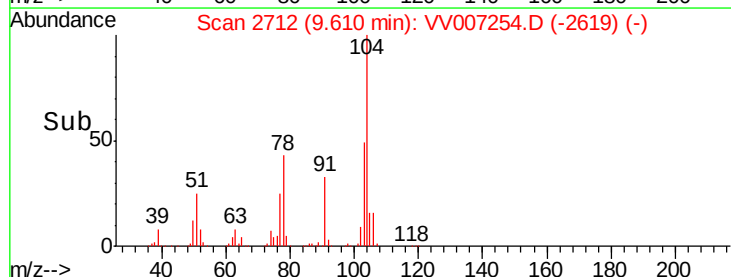
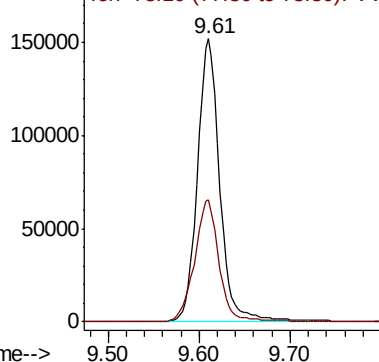
Ion Ratio Lower Upper

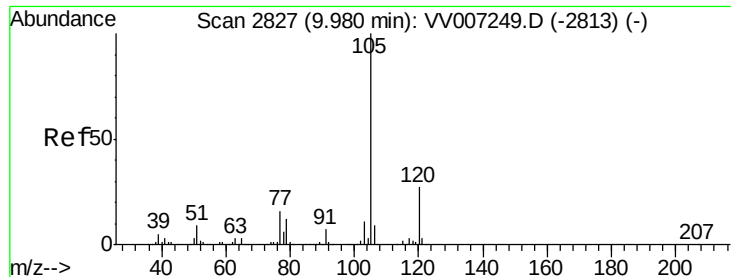
104 100

78 42.9 30.2 56.2



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0

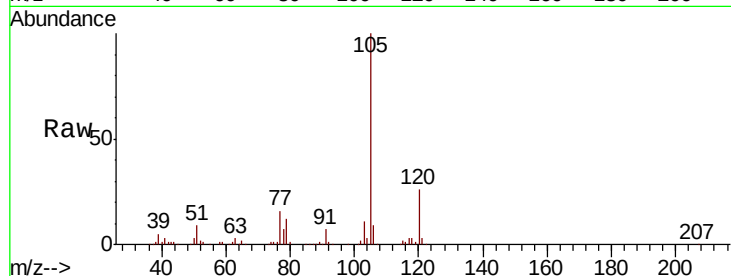




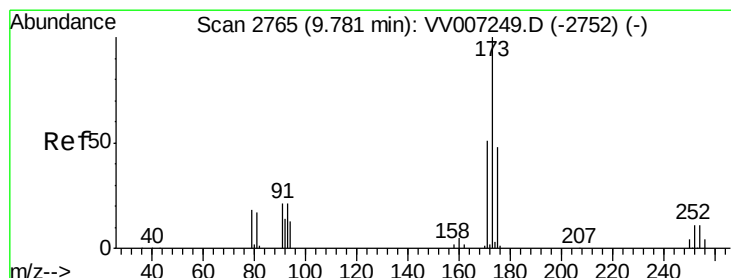
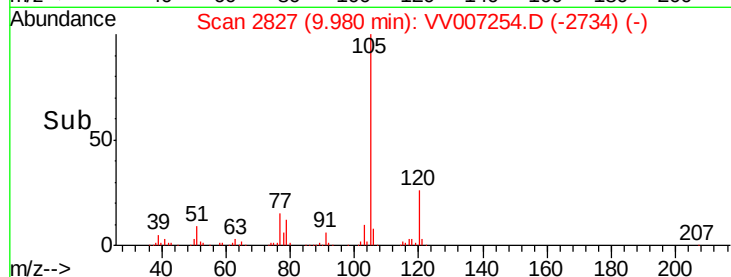
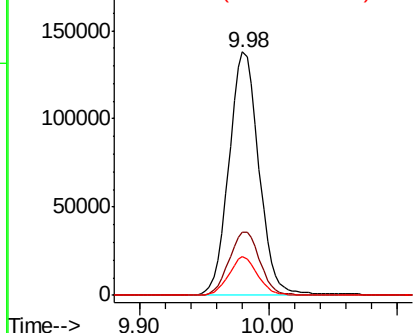
#56
Isopropylbenzene
Concen: 3.451 ug/L
RT: 9.98 min Scan# 2827
Delta R.T. -0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.0	31.4
77	15.1	12.1	18.1

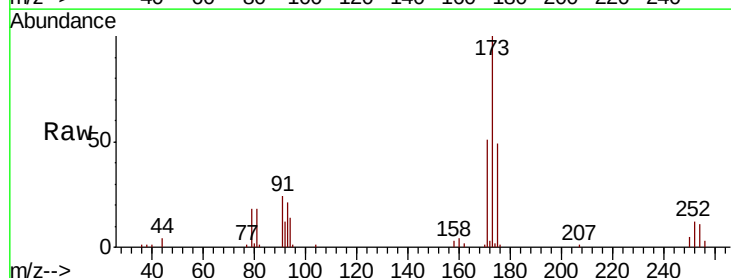


Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V

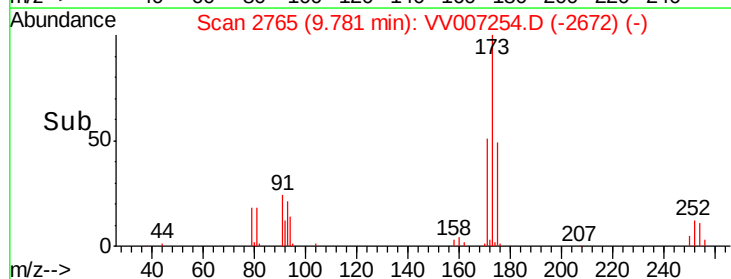
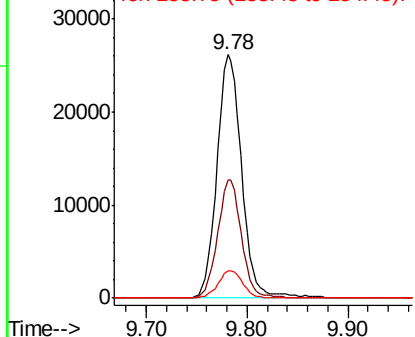


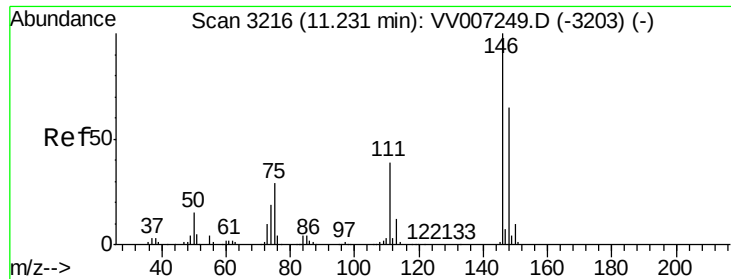
#61
Bromoform
Concen: 5.845 ug/L
RT: 9.78 min Scan# 2765
Delta R.T. -0.00 min
Lab File: VV007254.D
Acq: 29 Aug 2018 13:34

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.6	39.3	58.9
254	11.1	8.7	13.1



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

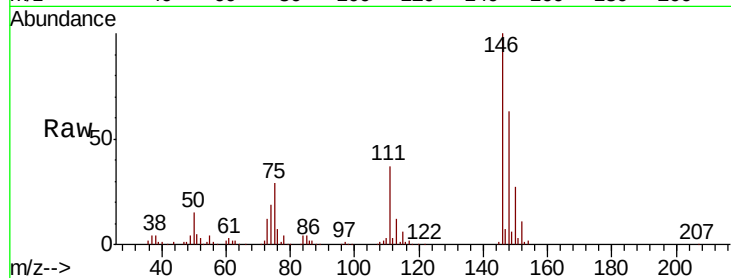




#62
 1,3-Dichlorobenzene
 Concen: 4.657 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.09 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	27.2	50.4
148	63.4	45.0	83.6

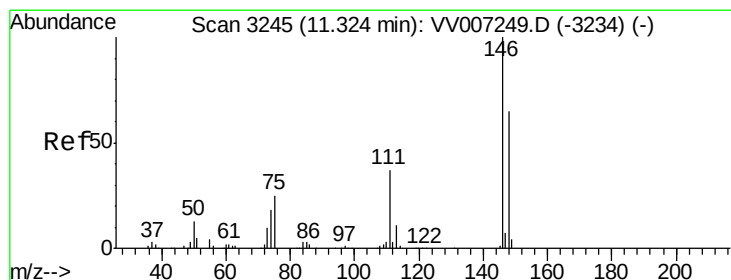
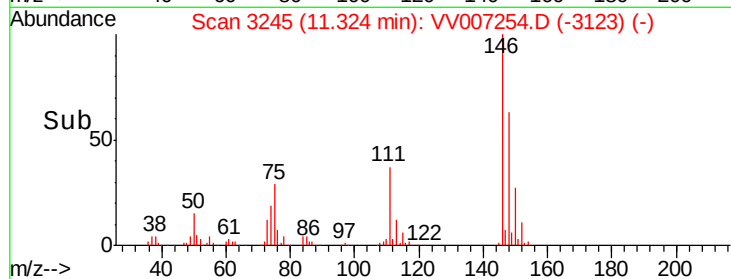
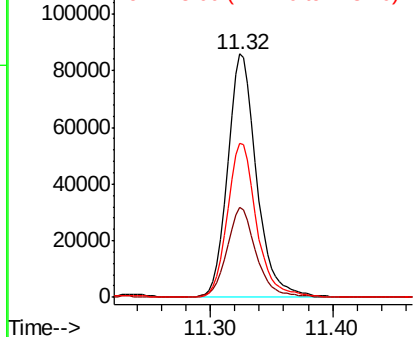


Abundance

Ion 145.95 (145.65 to 146.65): V

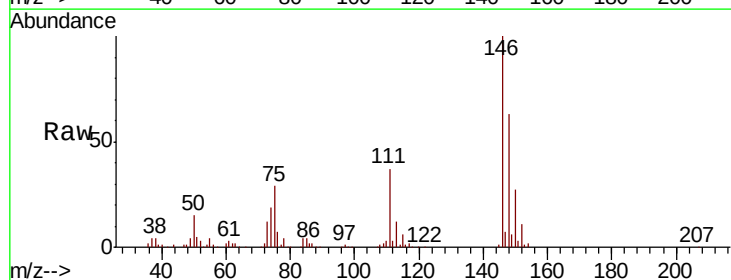
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63
 1,4-Dichlorobenzene
 Concen: 4.406 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	25.4	47.2
148	63.4	44.3	82.3

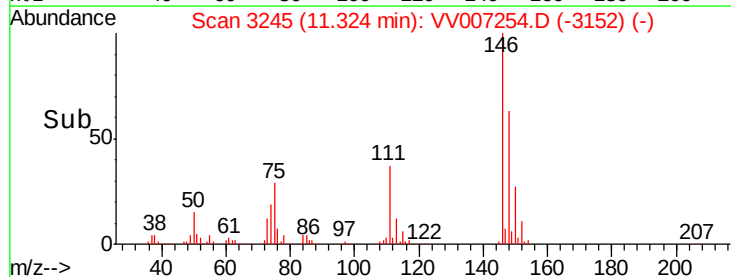
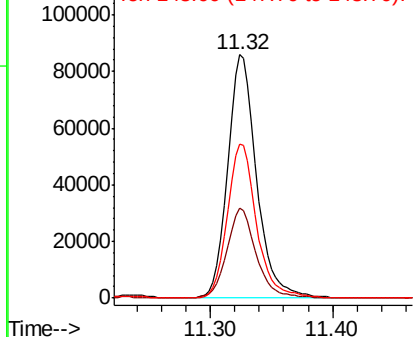


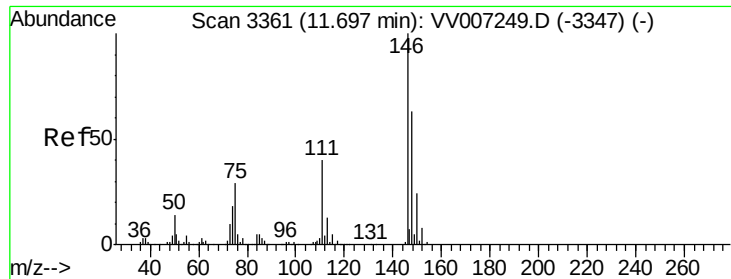
Abundance

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

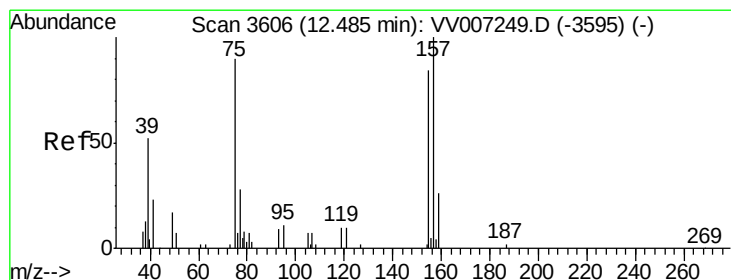
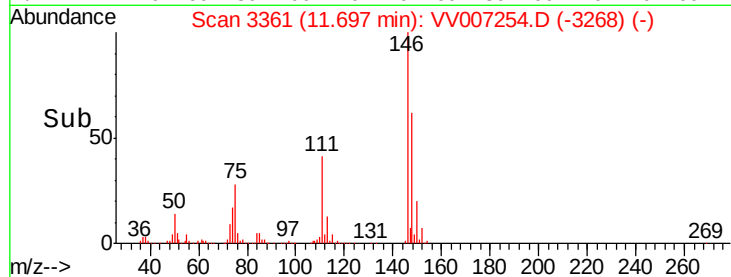
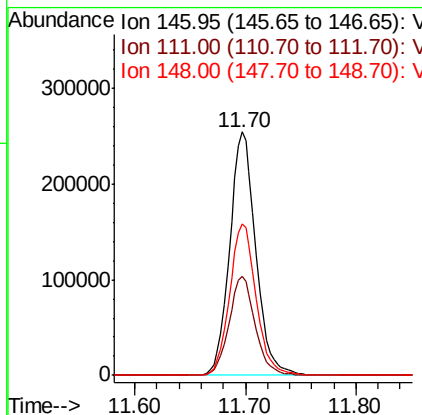
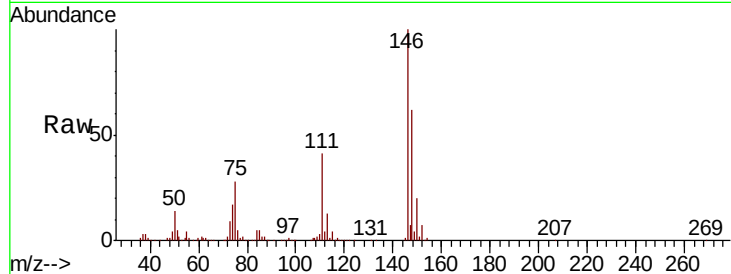




#65
 1,2-Dichlorobenzene
 Concen: 13.606 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. -0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

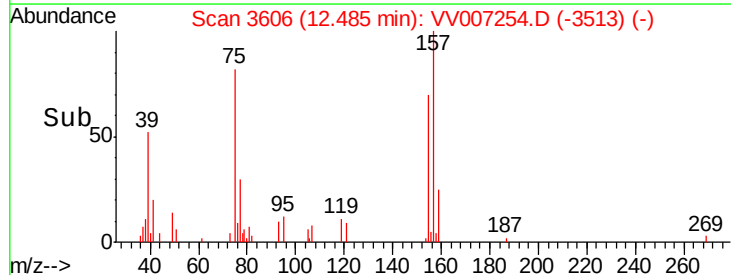
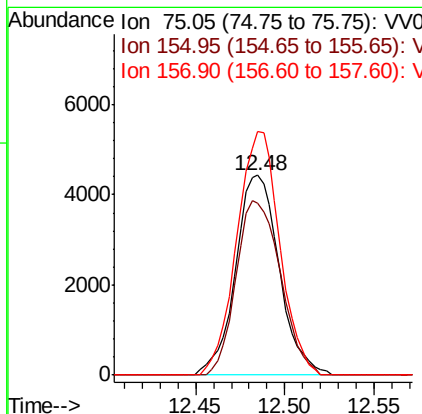
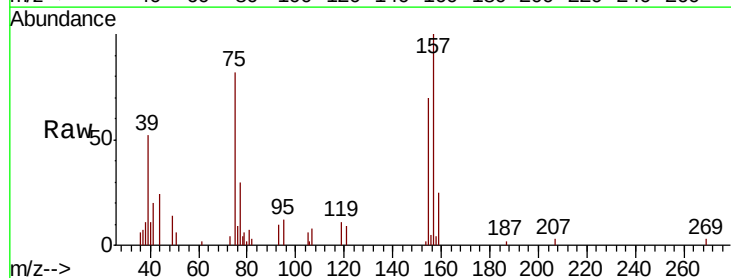
Instrument :
 MSVOA_V
 ClientSampleId :

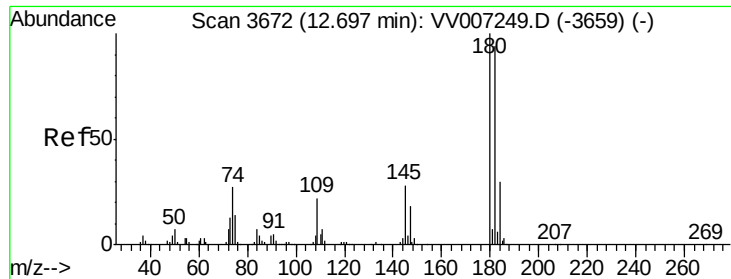
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	33.0	49.6
148	62.4	51.6	77.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.229 ug/L
 RT: 12.48 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	70.4	105.6
157	122.1	94.2	141.2

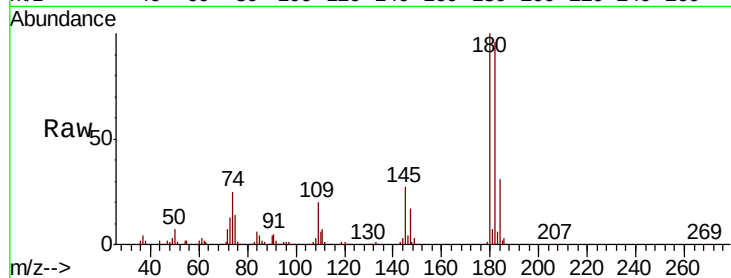




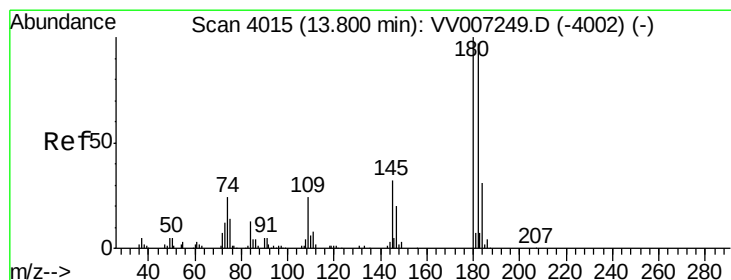
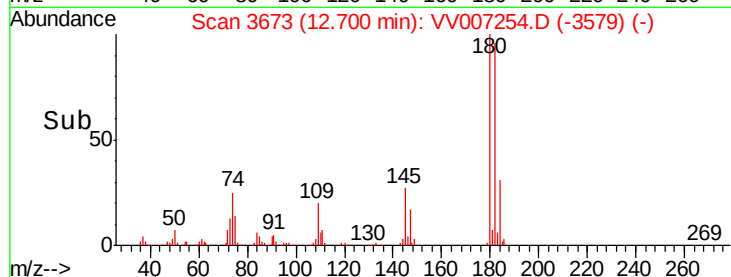
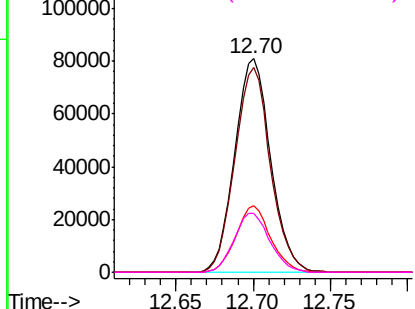
#67
 1,3,5-Trichlorobenzene
 Concen: 5.831 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	130642
Ion Ratio	Lower	Upper
180	100	
182	94.8	77.0 115.6
184	30.1	23.4 35.2
145	27.3	22.6 33.8

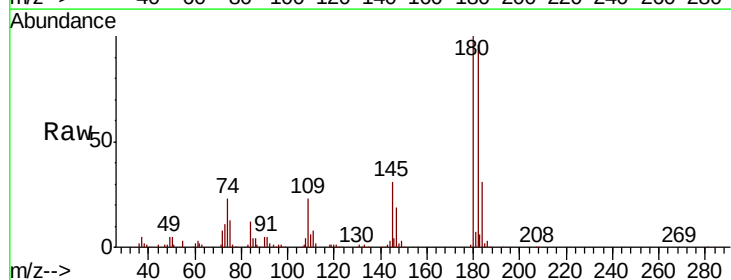


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 11.032 ug/L
 RT: 13.80 min Scan# 4015
 Delta R.T. -0.00 min
 Lab File: VV007254.D
 Acq: 29 Aug 2018 13:34

Tgt Ion:180	Resp:	163277
Ion Ratio	Lower	Upper
180	100	
182	95.4	77.0 115.4
145	30.1	23.8 35.8



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

