

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW123020\
 Data File : VW017782.D
 Acq On : 30 Dec 2020 16:12
 Operator : SY/VA
 Sample : L5214-03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 31 06:02:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 31 06:01:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299752	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276176	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	138633	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127918	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
7) Chloroethane-d5	2.89	69	108774	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
11) 1,1-Dichloroethene-d2	4.02	63	167394	19.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.08%
21) 2-Butanone-d5	7.07	46	63990	49.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.44%
24) Chloroform-d	7.65	84	208997	24.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	8.31	65	127340	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	8.27	84	416675	26.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.16%
36) 1,2-Dichloropropane-d6	9.27	67	118349	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.40%
41) Toluene-d8	10.32	98	386390	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.68%
43) trans-1,3-Dichloropropene-	10.57	79	53461	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.20%
47) 2-Hexanone-d5	10.93	63	45007	52.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.24%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	111228	25.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	13.85	152	131242	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	3541	0.980	ug/L #	84
3) Chloromethane	2.21	50	3467	1.103	ug/L	98
6) Bromomethane	2.78	94	4091	0.892	ug/L	98
8) Chloroethane	2.93	64	3339	0.975	ug/L	90
9) Trichlorofluoromethane	3.25	101	2633	0.747	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	4.05	101	3853	0.954	ug/L #	81
12) 1,1-Dichloroethene	4.04	96	4716	1.232	ug/L #	1
13) Acetone	4.12	43	1789	2.048	ug/L	65
14) Carbon disulfide	4.39	76	9286	0.846	ug/L	96
16) Methylene chloride	4.92	84	11256	2.329	ug/L	94
18) Methyl tert-butyl Ether	5.42	73	2553	0.488	ug/L #	90
19) 1,1-Dichloroethane	6.21	63	6657	0.916	ug/L	92
20) cis-1,2-Dichloroethene	7.17	96	4293	0.978	ug/L	89
23) Bromochloromethane	7.52	128	1938	0.964	ug/L	79
25) Chloroform	7.68	83	8152	1.057	ug/L	100
27) 1,2-Dichloroethane	8.40	62	5625	1.021	ug/L #	95
30) 1,1,1-Trichloroethane	7.87	97	5632	0.887	ug/L	97

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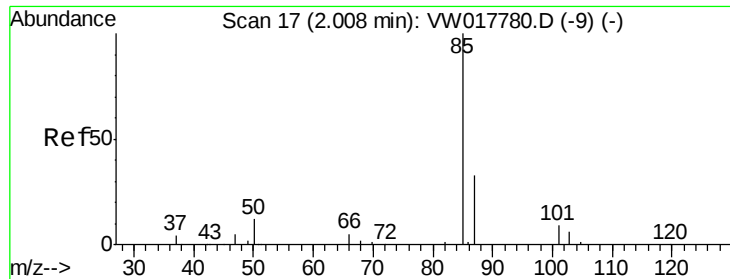
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 31 06:02:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 31 06:01:18 2020
 Response via : Initial Calibration

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

31) Carbon tetrachloride	8.07	117	5313	0.891	ug/L	98
33) Benzene	8.32	78	14618	0.906	ug/L	100
34) Trichloroethene	9.09	95	4125	0.937	ug/L	94
35) Methylcyclohexane	9.33	83	6340	0.841	ug/L	96
37) 1,2-Dichloropropane	9.37	63	3814	0.977	ug/L	97
38) Bromodichloromethane	9.65	83	5524	1.002	ug/L #	90
39) cis-1,3-Dichloropropene	10.07	75	5575	0.895	ug/L	90
42) Toluene	10.39	91	17425	0.954	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	6222	1.095	ug/L	94
45) 1,1,2-Trichloroethane	10.79	97	3249	0.992	ug/L	97
46) Tetrachloroethene	10.87	164	3201	0.948	ug/L	84
48) 2-Hexanone	10.97	43	5056	2.605	ug/L	94
49) Dibromochloromethane	11.13	129	3379	0.899	ug/L	96
50) 1,2-Dibromoethane	11.23	107	3161	0.976	ug/L #	98
51) Chlorobenzene	11.66	112	11124	0.960	ug/L	96
52) Ethylbenzene	11.73	91	18864	0.904	ug/L	97
53) m,p-Xylene	11.84	106	6992	0.866	ug/L	91
54) o-Xylene	12.16	106	6685	0.878	ug/L	91
55) Styrene	12.18	104	10308	0.791	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.71	83	4631	1.087	ug/L #	92
59) Bromoform	12.35	173	1462	0.705	ug/L #	89
60) Isopropylbenzene	12.46	105	17733	0.876	ug/L	97
61) 1,2,3-Trichloropropane	12.77	75	3206	1.053	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.94	105	14242	0.885	ug/L	97
63) 1,2,4-Trimethylbenzene	13.25	105	13956	0.852	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	8050	0.922	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	8808	1.015	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	7999	1.020	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.63	75	1346	1.847	ug/L #	8
69) 1,3,5-Trichlorobenzene	14.63	180	6201	1.049	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	5330	1.042	ug/L	97
71) Naphthalene	15.36	128	11017	0.934	ug/L	98
72) 1,2,3-Trichlorobenzene	15.55	180	5113	1.137	ug/L	91

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



#2

Dichlorodifluoromethane

Concen: 0.980 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW017782.D

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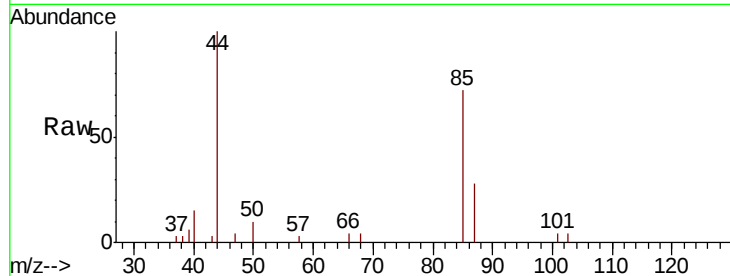
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 85 Resp: 3541

Ion Ratio Lower Upper

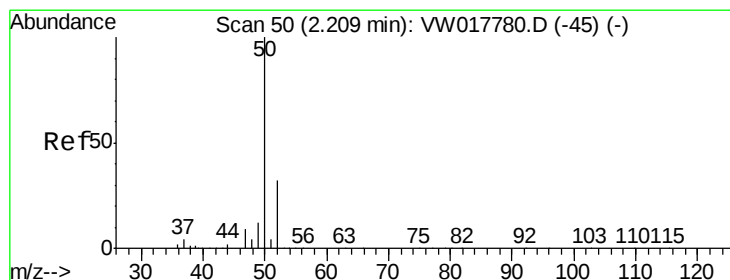
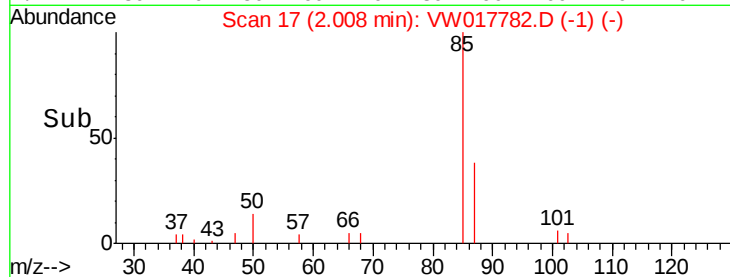
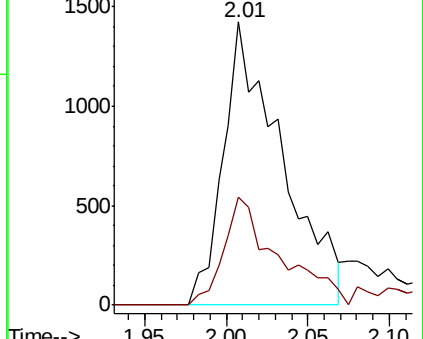
85 100

87 20.6 23.3 34.9#



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 1.103 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW017782.D

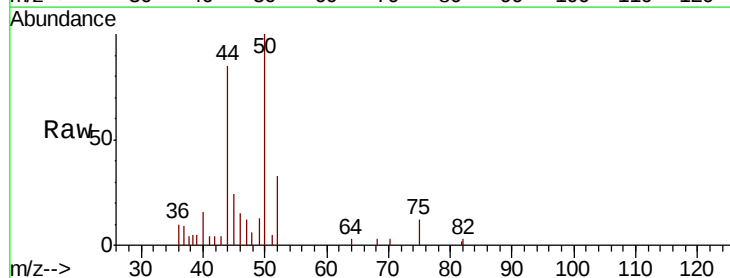
Acq: 30 Dec 2020 16:12

Tgt Ion: 50 Resp: 3467

Ion Ratio Lower Upper

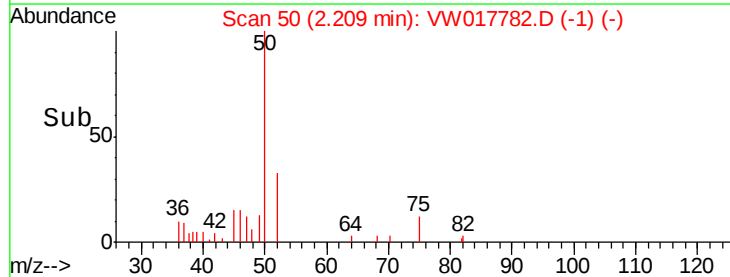
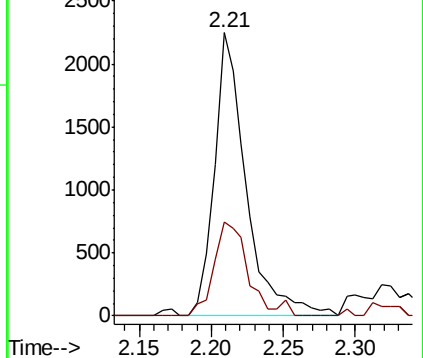
50 100

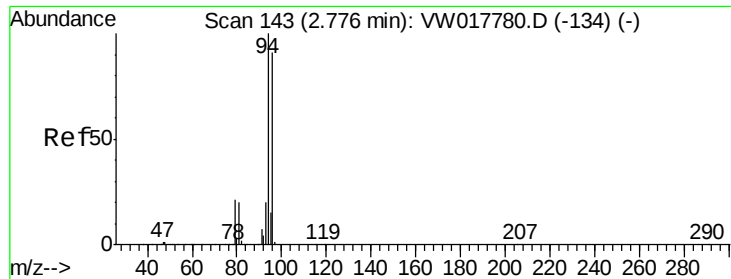
52 33.2 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#6

Bromomethane

Concen: 0.892 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

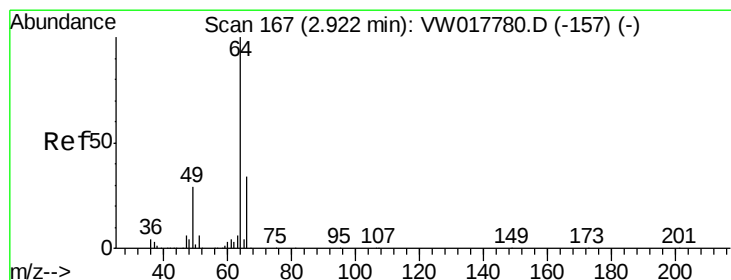
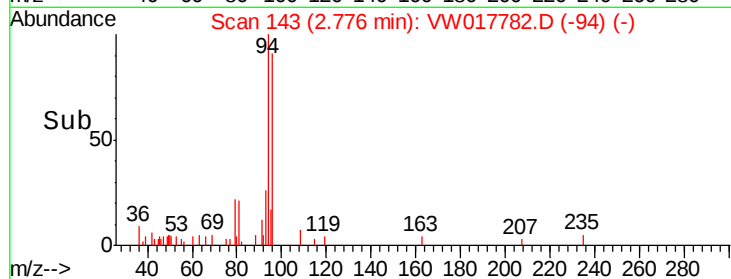
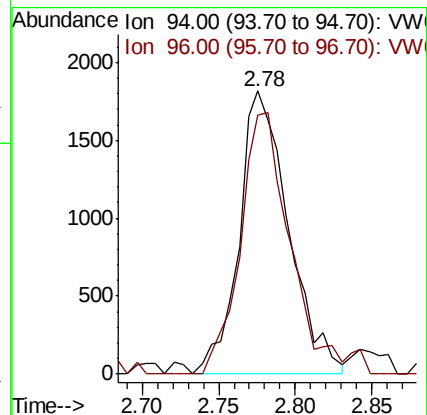
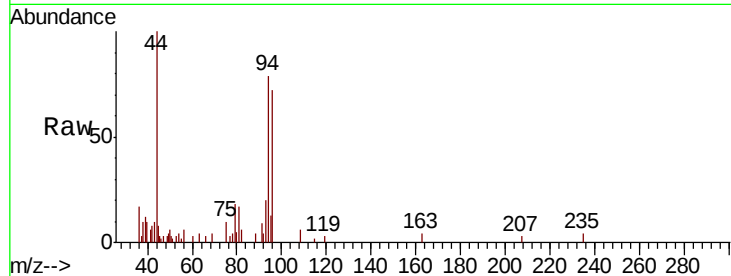
ClientSampled :

Tot Ion: 94 Resp: 4091

Ion Ratio Lower Upper

94 100

96 91.3 65.3 121.3



#8

Chloroethane

Concen: 0.975 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW017782.D

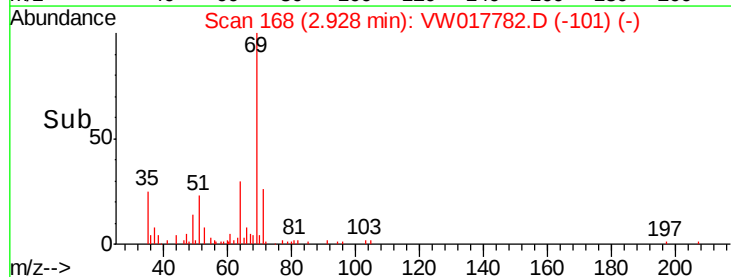
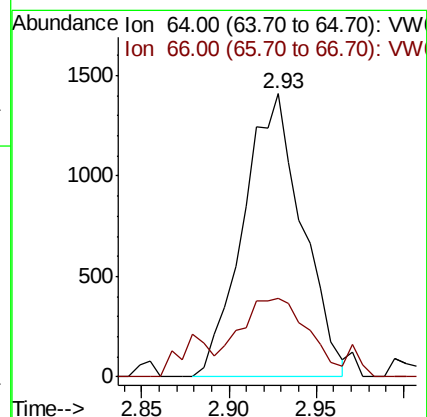
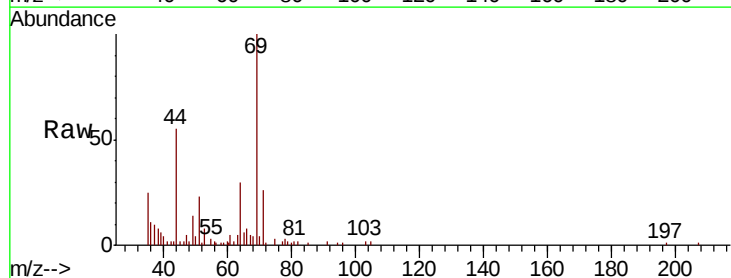
Acq: 30 Dec 2020 16:12

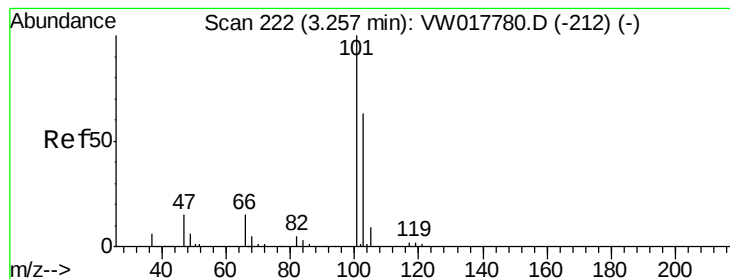
Tgt Ion: 64 Resp: 3339

Ion Ratio Lower Upper

64 100

66 27.6 23.4 43.6



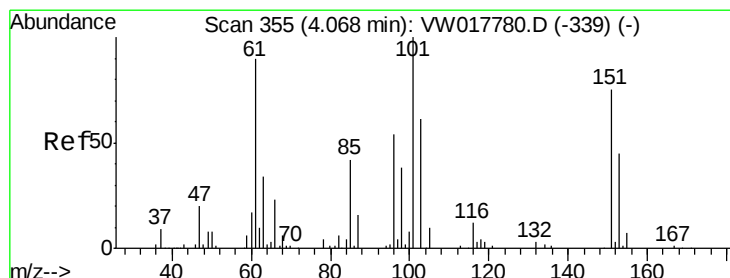
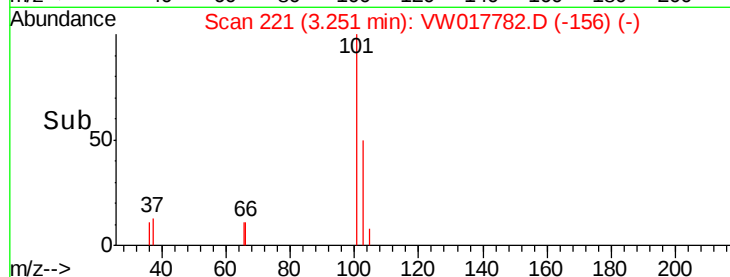
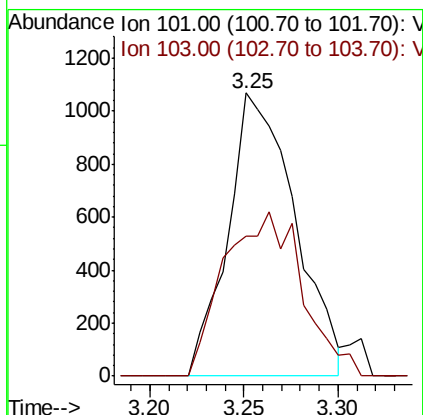
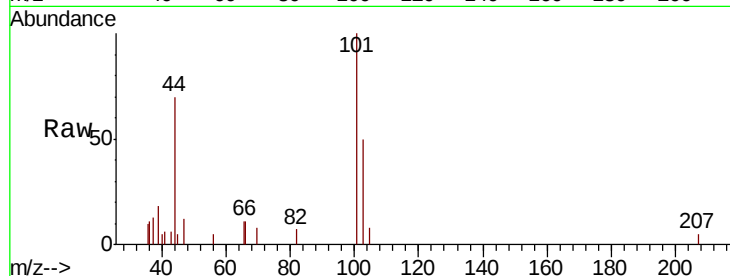


#9

Trichlorofluoromethane
Concen: 0.747 ug/L
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Instrument :
MSVOA_W
ClientSampleId :

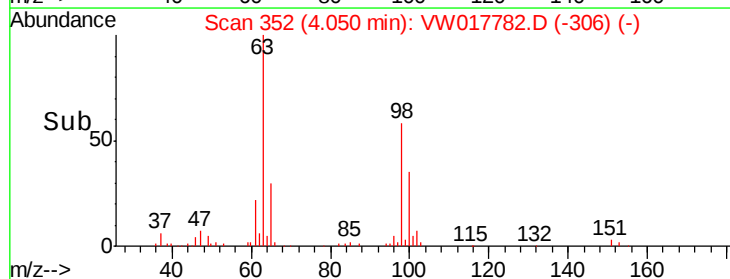
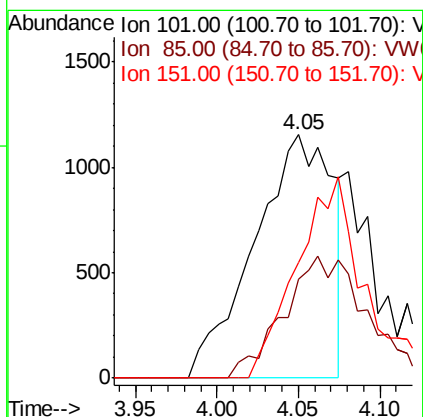
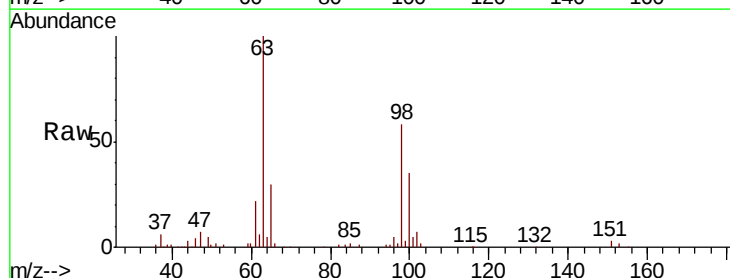
Tot Ion:101 Resp: 2633
Ion Ratio Lower Upper
101 100
103 67.4 51.0 76.4

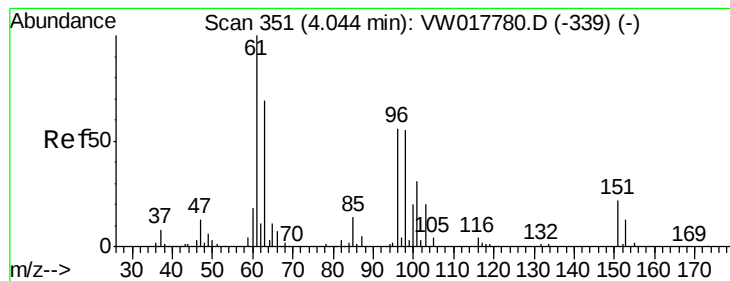


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.954 ug/L
RT: 4.05 min Scan# 352
Delta R.T. -0.02 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Tgt Ion:101 Resp: 3853
Ion Ratio Lower Upper
101 100
85 20.8 38.2 57.2#
151 67.1 56.6 85.0





#12

1,1-Dichloroethene

Concen: 1.232 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

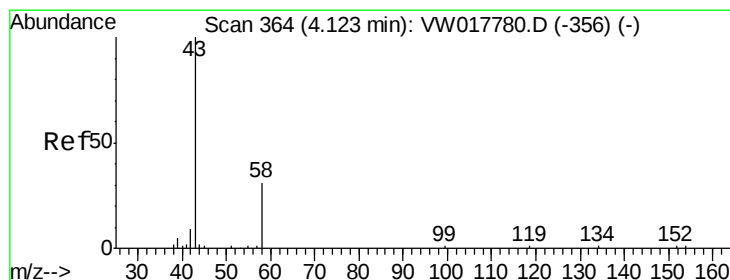
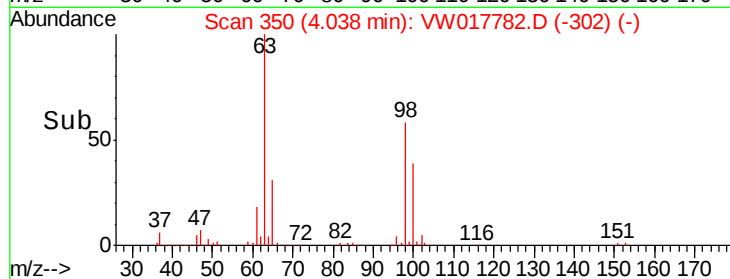
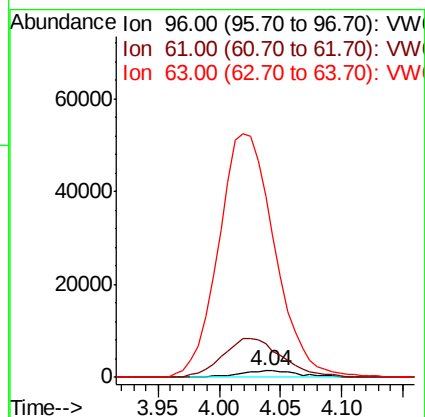
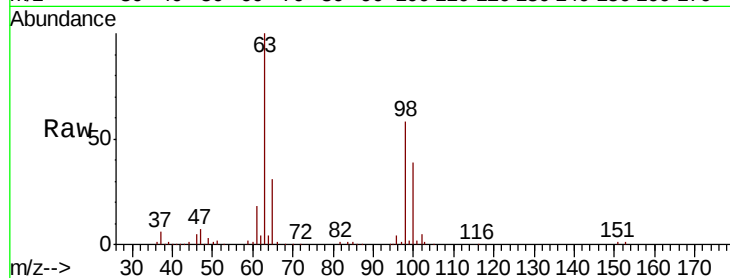
Tot Ion: 96 Resp: 4716

Ion Ratio Lower Upper

96 100

61 515.2 118.1 219.3#

63 2788.0 83.7 155.5#



#13

Acetone

Concen: 2.048 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017782.D

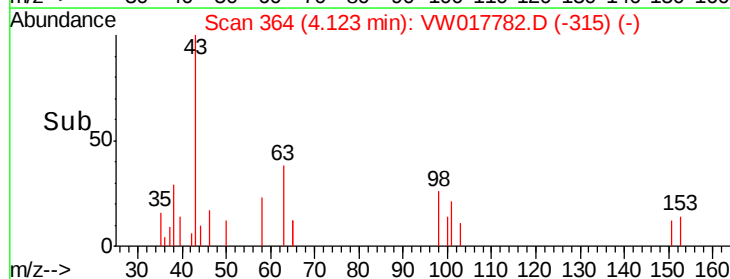
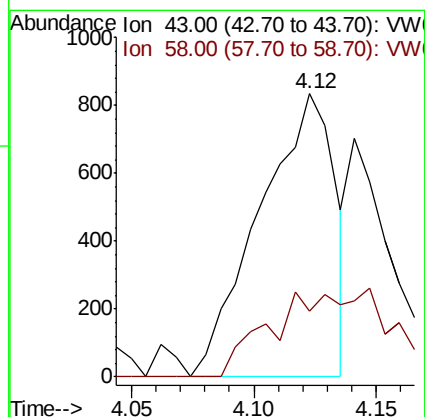
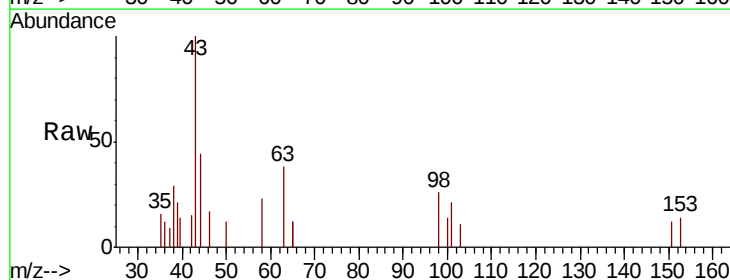
Acq: 30 Dec 2020 16:12

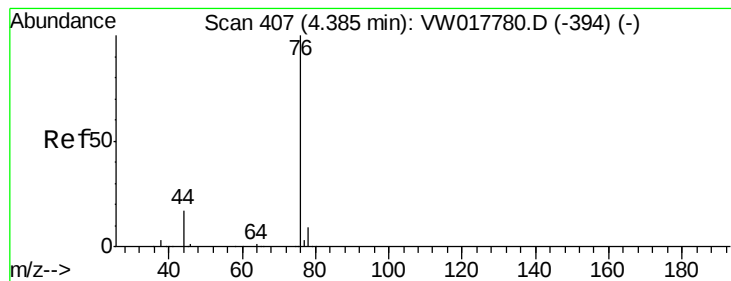
Tgt Ion: 43 Resp: 1789

Ion Ratio Lower Upper

43 100

58 9.1 0.0 53.8





#14

Carbon disulfide

Concen: 0.846 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

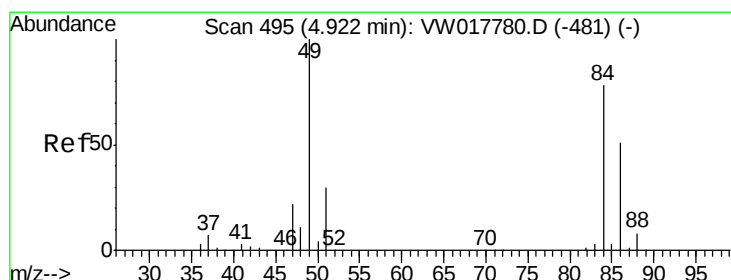
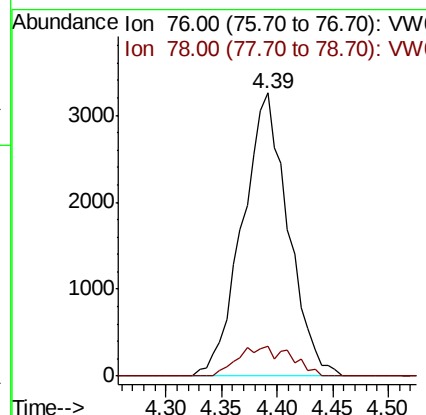
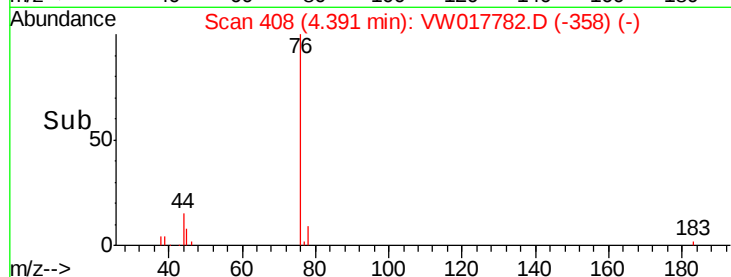
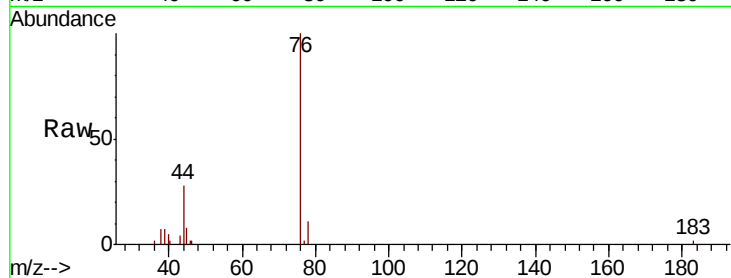
ClientSampleId :

Tot Ion: 76 Resp: 9286

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0



#16

Methylene chloride

Concen: 2.329 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

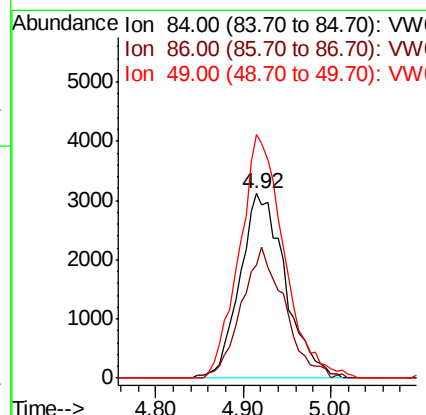
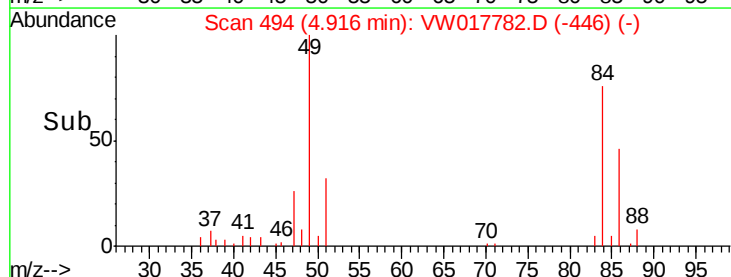
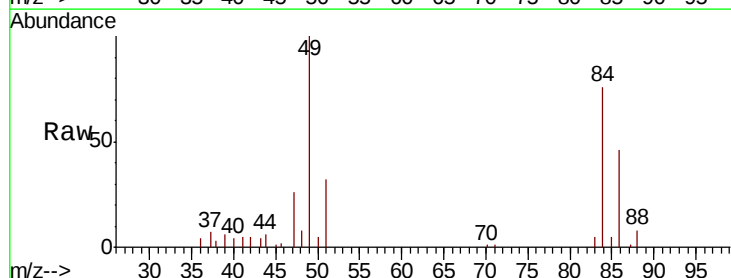
Tgt Ion: 84 Resp: 11256

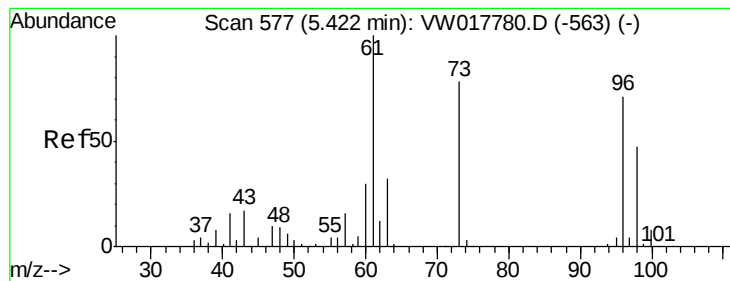
Ion Ratio Lower Upper

84 100

86 61.2 45.3 84.1

49 132.1 86.6 160.8



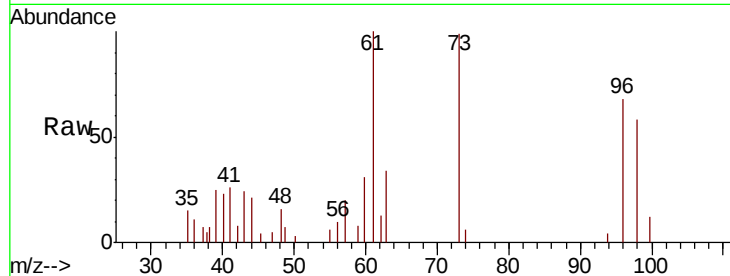


#18

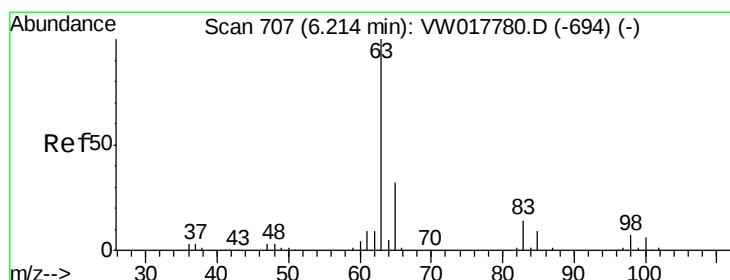
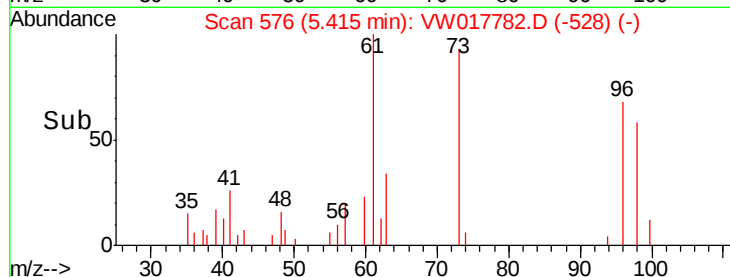
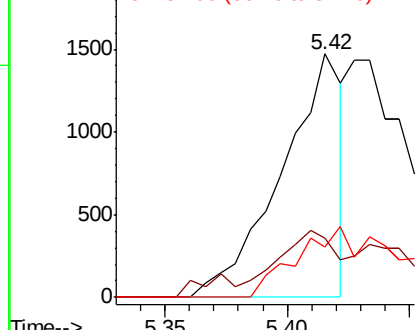
Methyl tert-butyl Ether
 Concen: 0.488 ug/L
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 73 Resp: 2553
 Ion Ratio Lower Upper
 73 100
 43 26.2 17.7 26.5
 57 26.7 17.0 25.4#



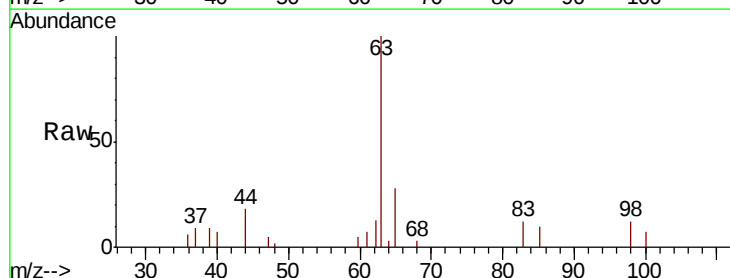
Abundance Ion 73.00 (72.70 to 73.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 57.00 (56.70 to 57.70): VW



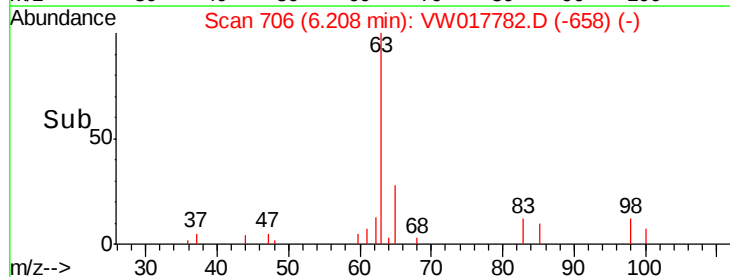
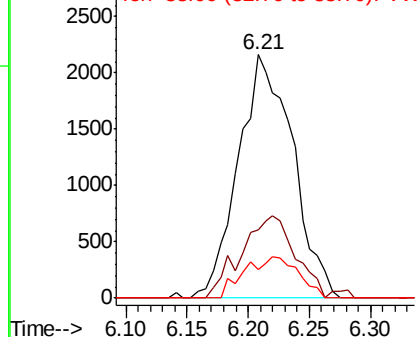
#19

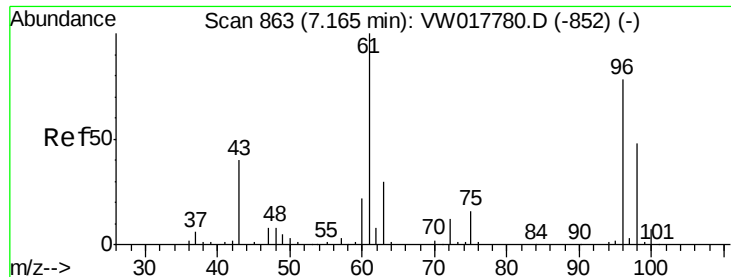
1,1-Dichloroethane
 Concen: 0.916 ug/L
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Tgt Ion: 63 Resp: 6657
 Ion Ratio Lower Upper
 63 100
 65 27.8 22.9 42.5
 83 11.9 10.2 19.0



Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 65.00 (64.70 to 65.70): VW
 Ion 83.00 (82.70 to 83.70): VW



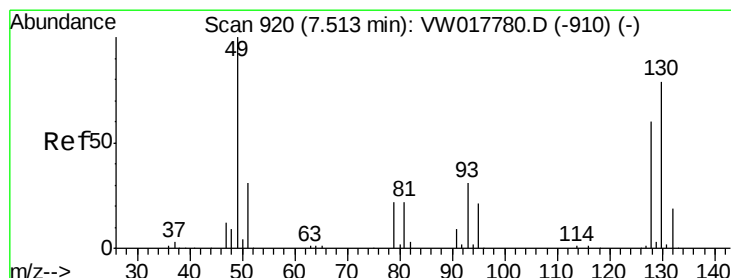
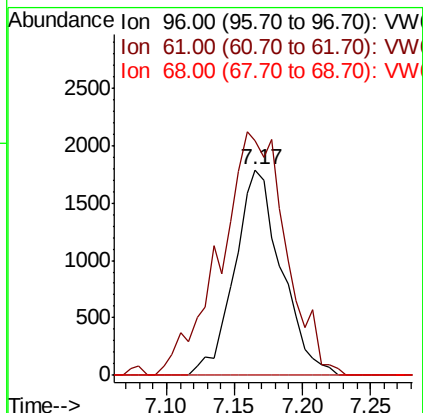
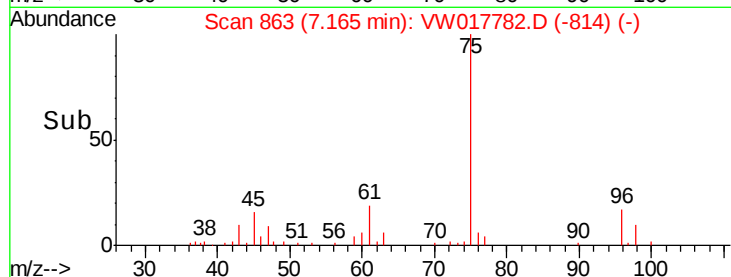
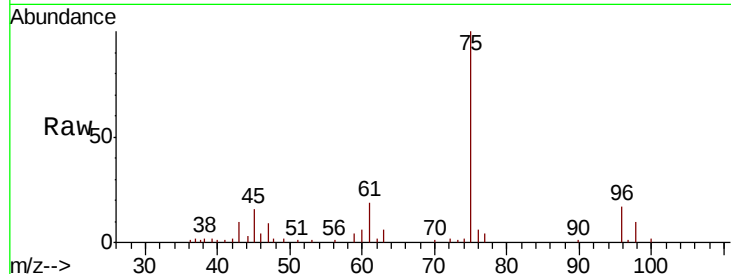


#20

cis-1,2-Dichloroethene
Concen: 0.978 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Instrument :
MSVOA_W
ClientSampled :

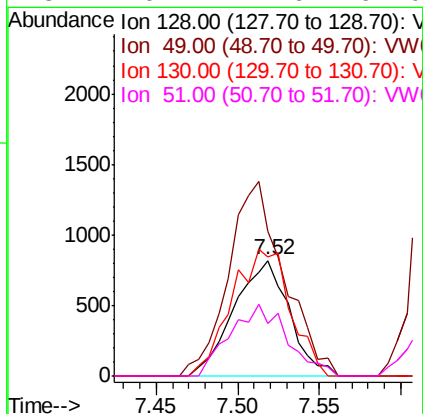
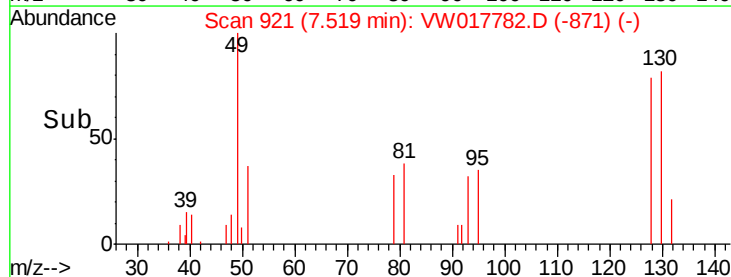
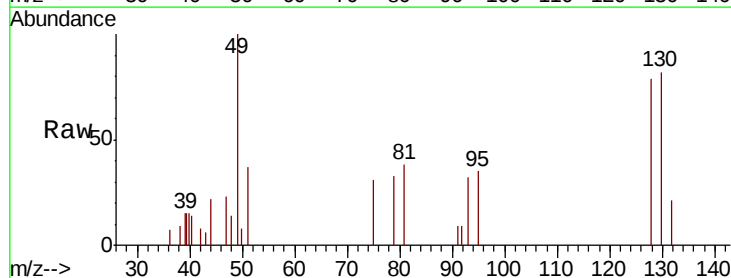
Tot Ion: 96 Resp: 4293
Ion Ratio Lower Upper
96 100
61 114.0 88.5 164.3
68 0.0 0.0 0.0

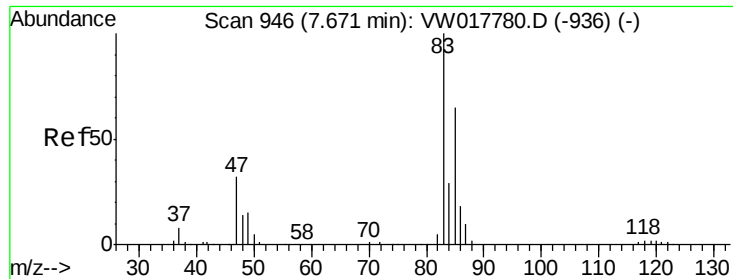


#23

Bromochloromethane
Concen: 0.964 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Tgt Ion: 128 Resp: 1938
Ion Ratio Lower Upper
128 100
49 125.8 116.3 215.9
130 103.4 82.4 153.0
51 46.1 42.6 64.0

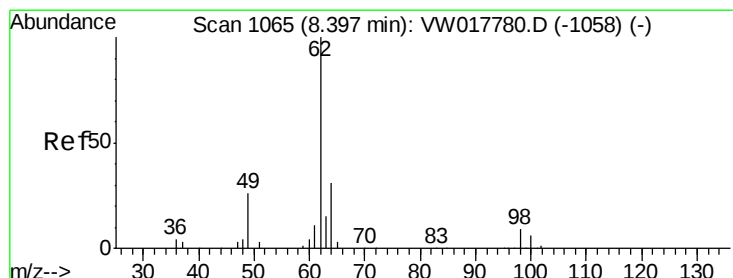
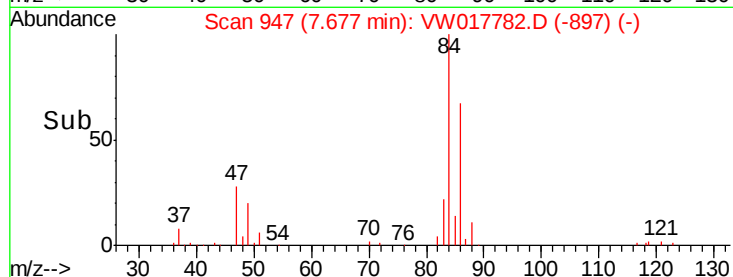
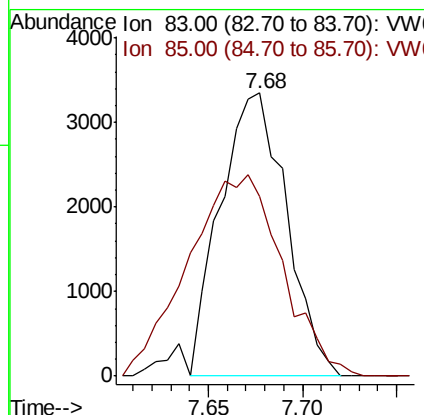
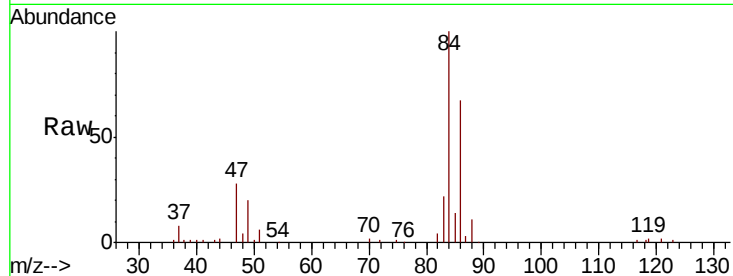




#25
Chloroform
Concen: 1.057 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

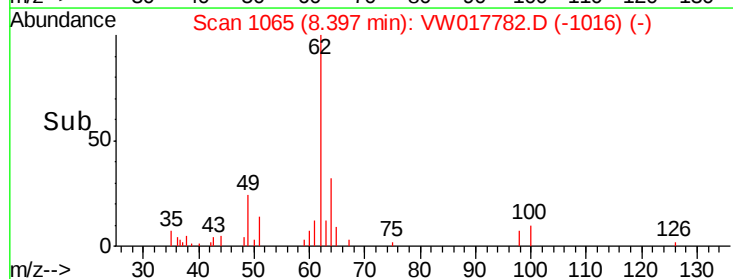
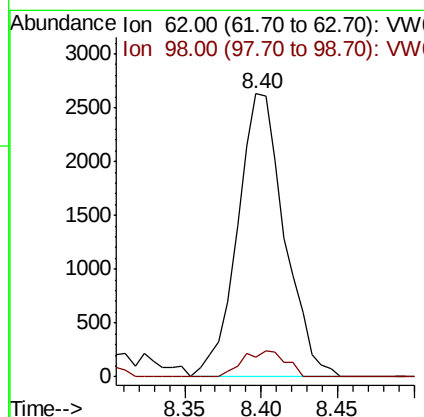
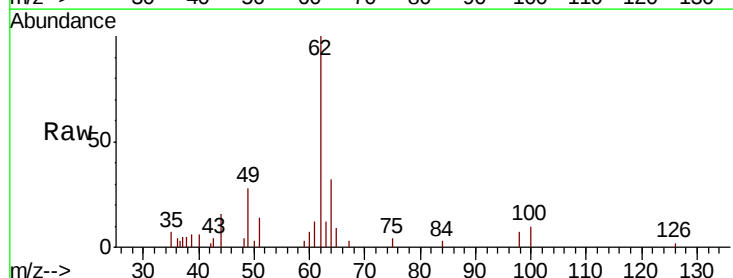
Instrument :
MSVOA_W
ClientSampleId :

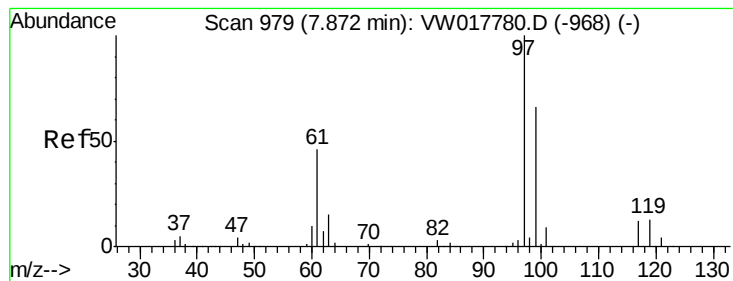
Tot Ion: 83 Resp: 8152
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 1.021 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Tgt Ion: 62 Resp: 5625
Ion Ratio Lower Upper
62 100
98 6.8 6.9 10.3#





#30

1,1,1-Trichloroethane

Concen: 0.887 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

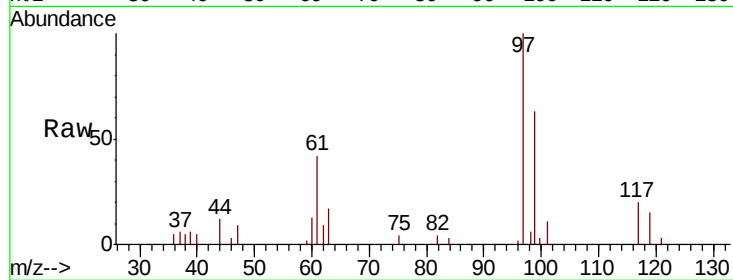
Tot Ion: 97 Resp: 5632

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

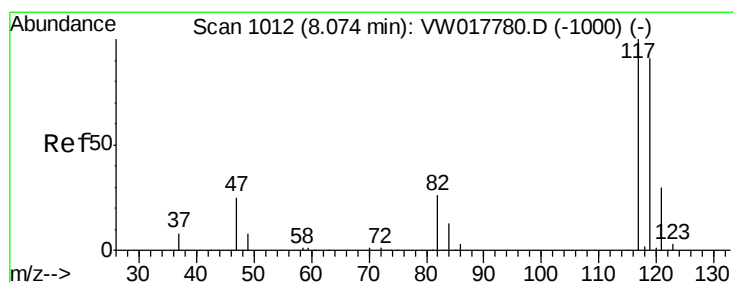
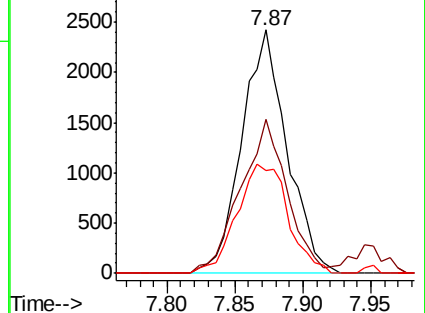
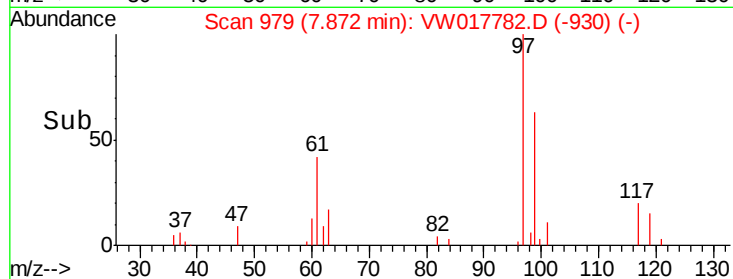
61 50.7 37.8 56.6



Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.05 (60.75 to 61.75): VW



#31

Carbon tetrachloride

Concen: 0.891 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW017782.D

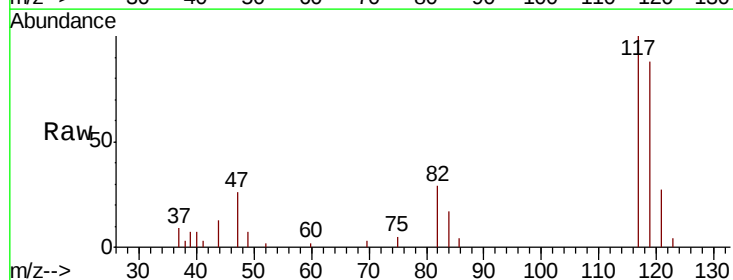
Acq: 30 Dec 2020 16:12

Tgt Ion: 117 Resp: 5313

Ion Ratio Lower Upper

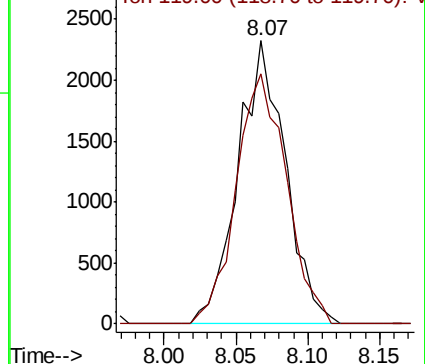
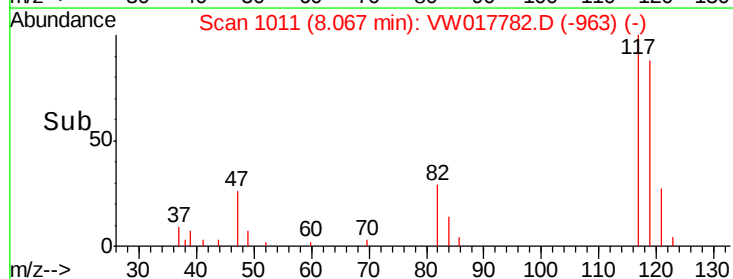
117 100

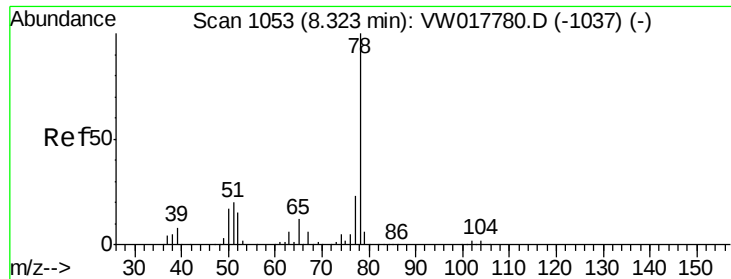
119 93.8 76.5 114.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

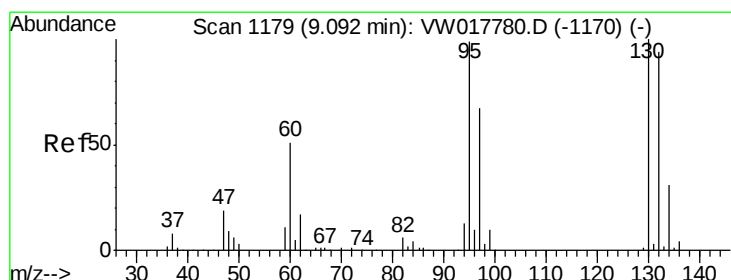
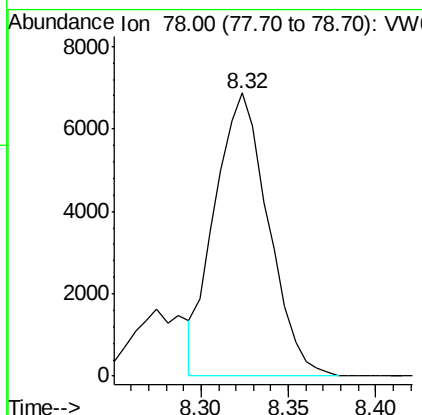
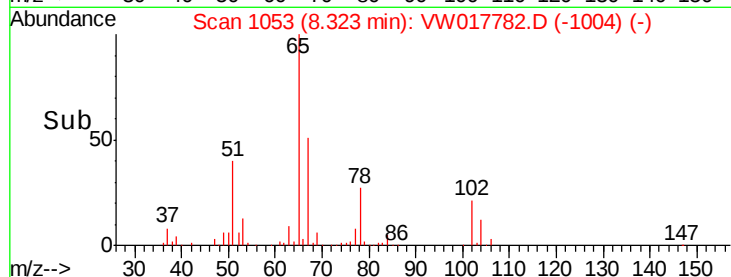
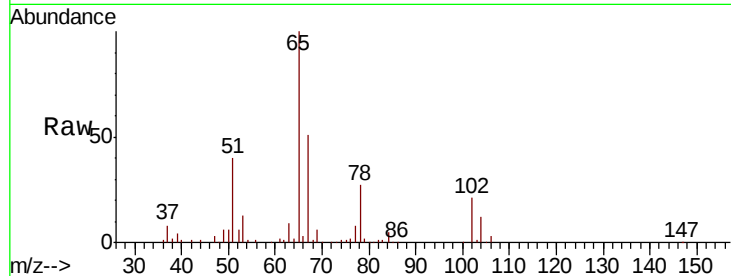




#33
Benzene
Concen: 0.906 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

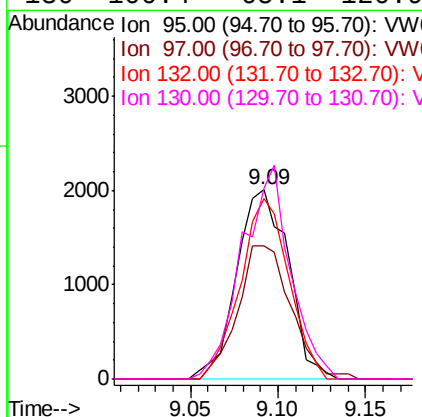
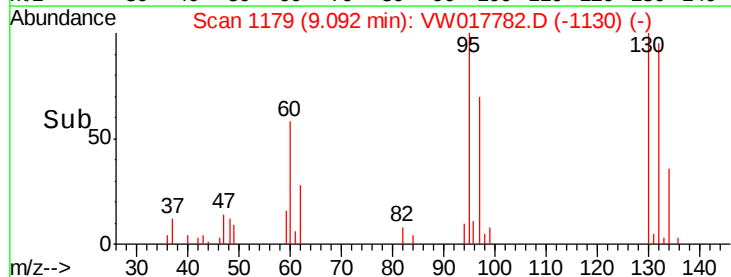
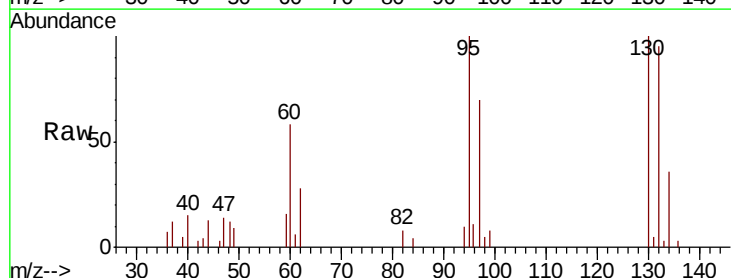
Instrument :
MSVOA_W
ClientSampled :

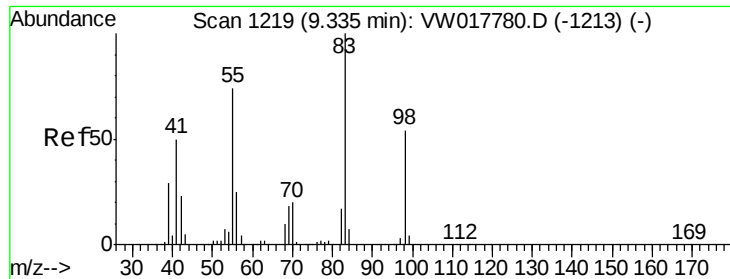
Tgt Ion: 78 Resp: 14618



#34
Trichloroethene
Concen: 0.937 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Tgt Ion: 95 Resp: 4125
Ion Ratio Lower Upper
95 100
97 70.4 47.3 87.8
132 95.1 71.0 131.8
130 100.4 65.1 120.9

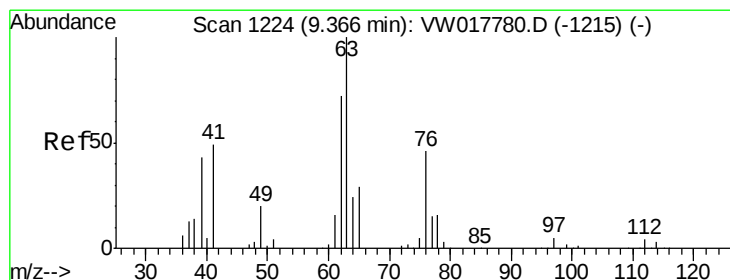
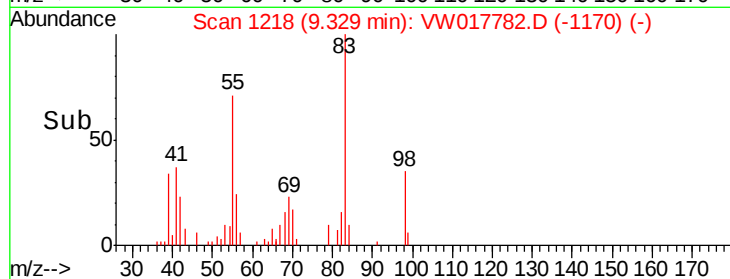
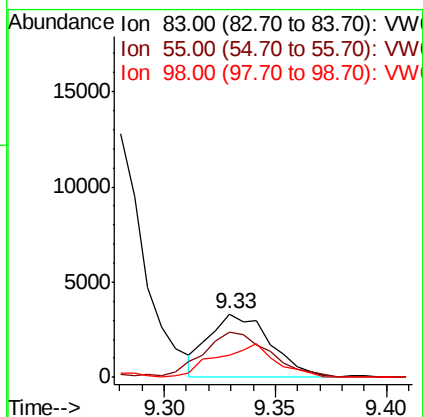
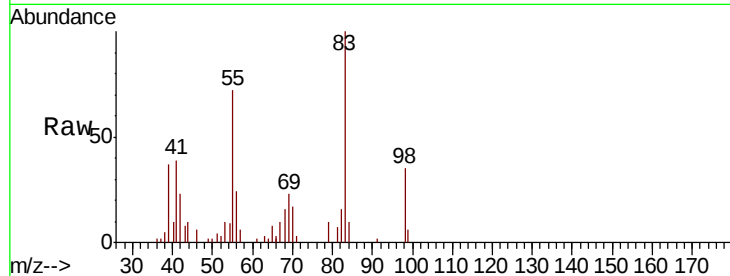




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

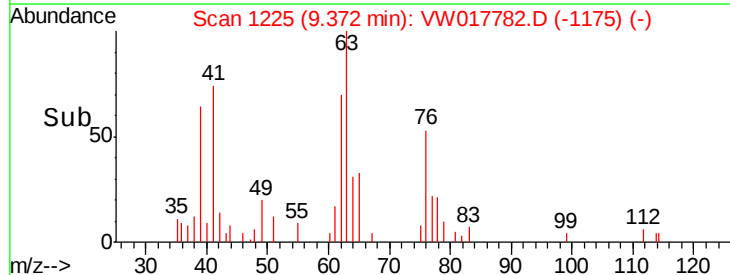
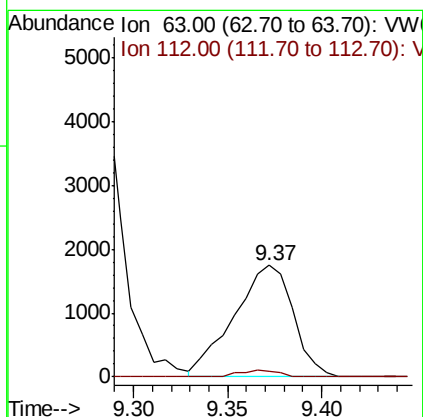
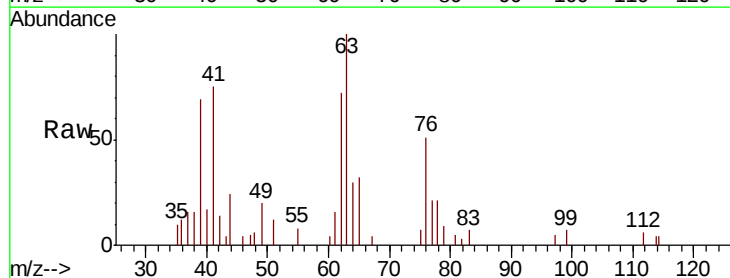
Instrument :
MSVOA_W
ClientSampleId :

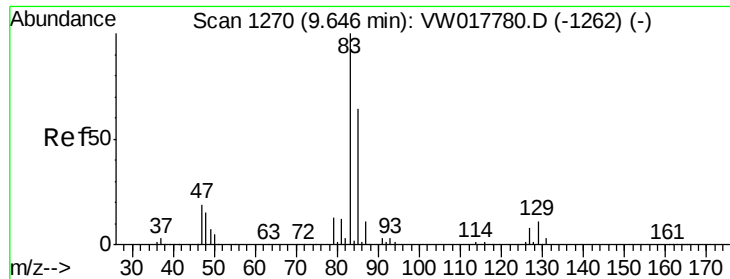
Tot Ion: 83 Resp: 6340
Ion Ratio Lower Upper
83 100
55 77.7 58.9 88.3
98 51.5 40.1 60.1



#37
1,2-Dichloropropane
Concen: 0.977 ug/L
RT: 9.37 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Tgt Ion: 63 Resp: 3814
Ion Ratio Lower Upper
63 100
112 4.0 3.9 5.9





#38

Bromodichloromethane

Concen: 1.002 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

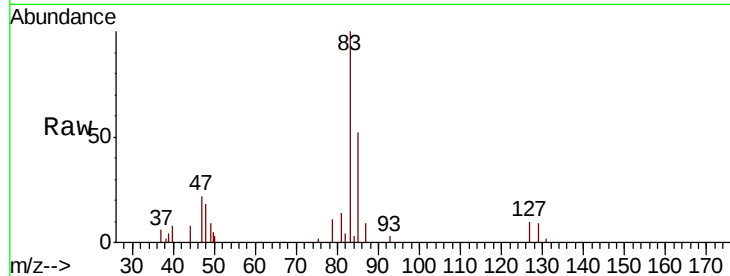
Tot Ion: 83 Resp: 5524

Ion Ratio Lower Upper

83 100

85 52.5 42.3 78.5

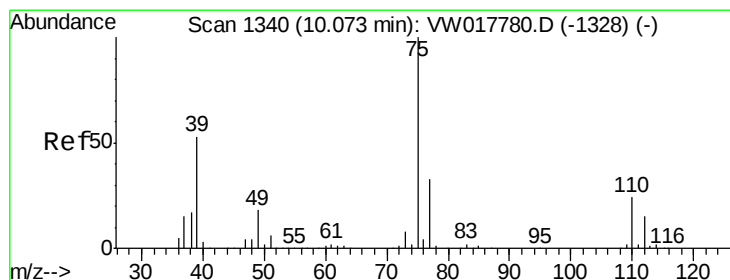
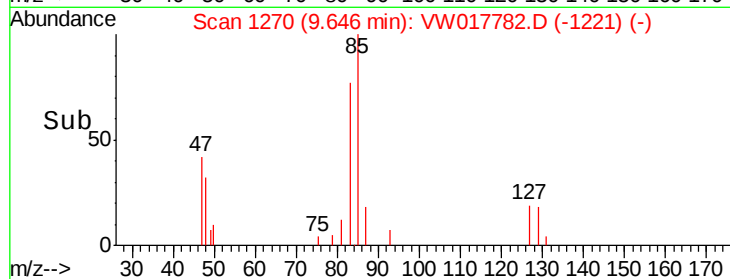
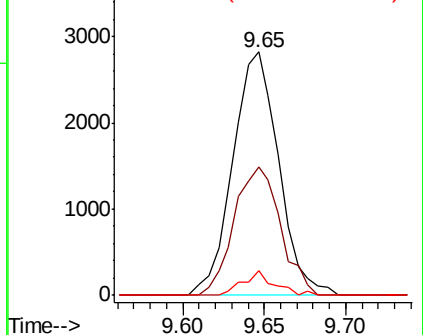
127 10.0 6.6 9.8#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#39

cis-1,3-Dichloropropene

Concen: 0.895 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW017782.D

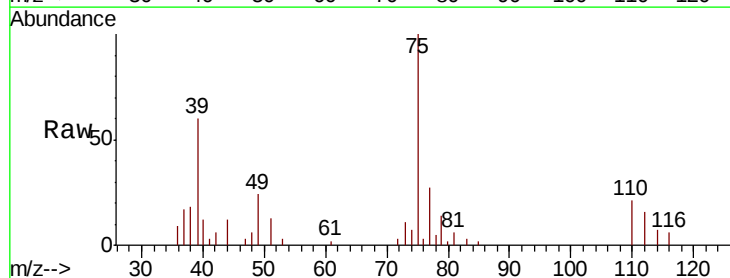
Acq: 30 Dec 2020 16:12

Tgt Ion: 75 Resp: 5575

Ion Ratio Lower Upper

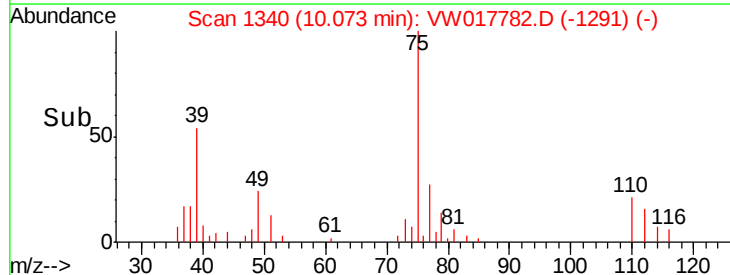
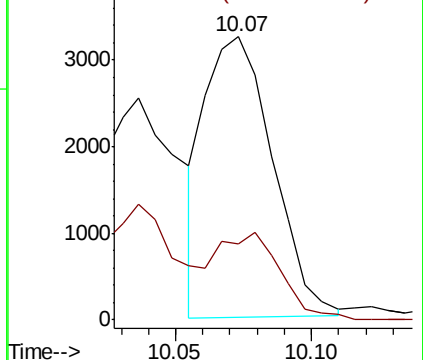
75 100

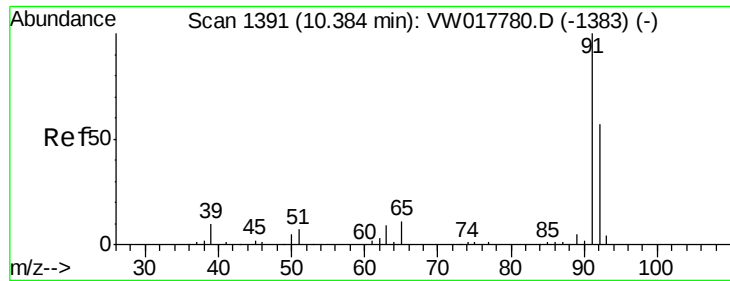
77 26.8 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#42

Toluene

Concen: 0.954 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

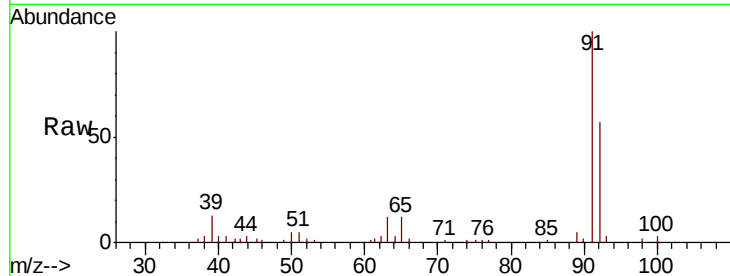
ClientSampled :

Tot Ion: 91 Resp: 17425

Ion Ratio Lower Upper

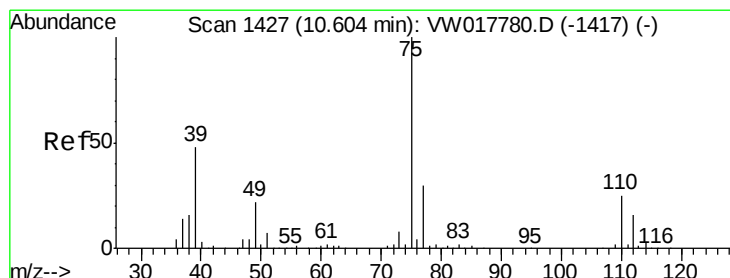
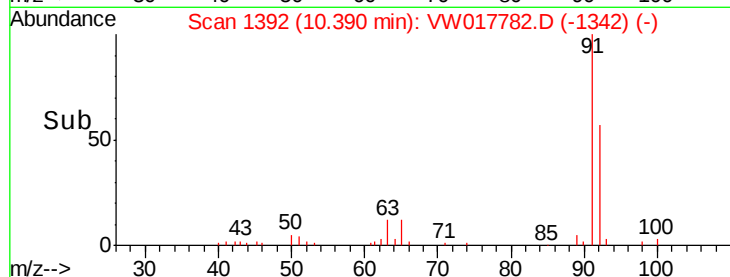
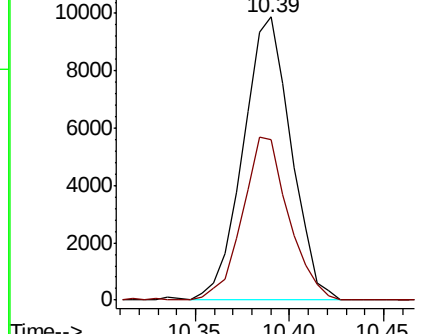
91 100

92 56.9 39.5 73.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#44

trans-1,3-Dichloropropene

Concen: 1.095 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW017782.D

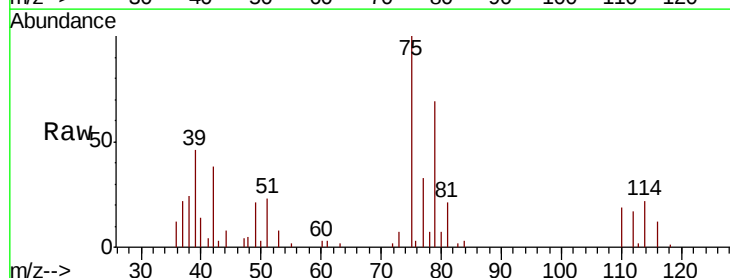
Acq: 30 Dec 2020 16:12

Tgt Ion: 75 Resp: 6222

Ion Ratio Lower Upper

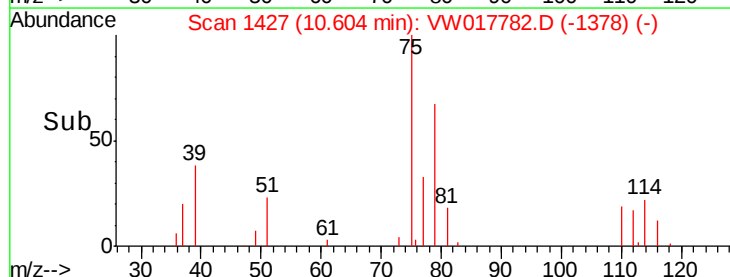
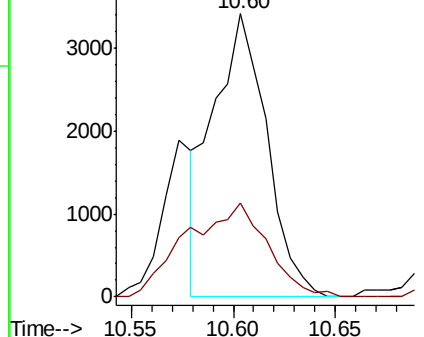
75 100

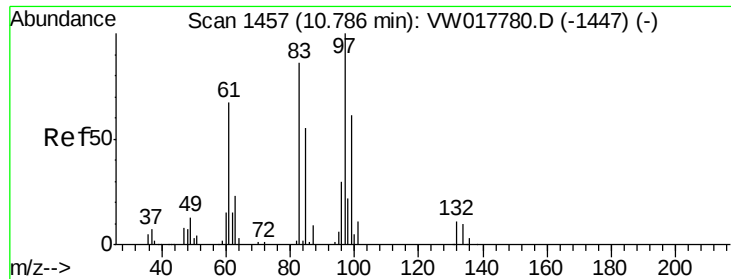
77 33.2 21.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

1,1,2-Trichloroethane

Concen: 0.992 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

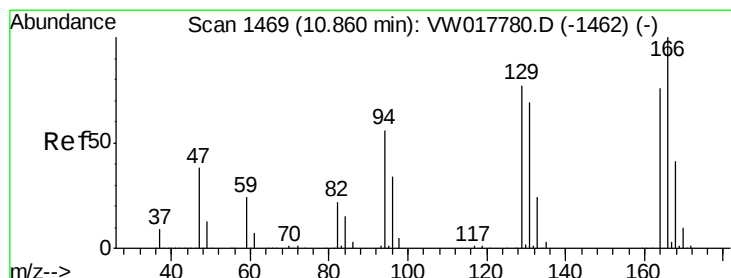
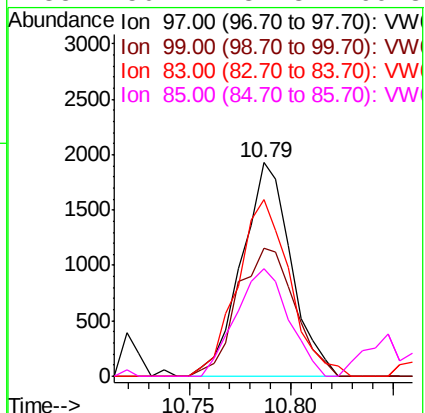
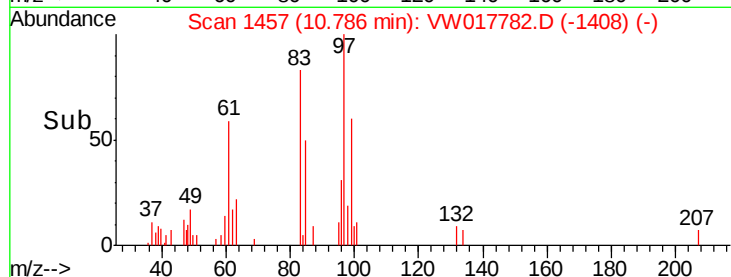
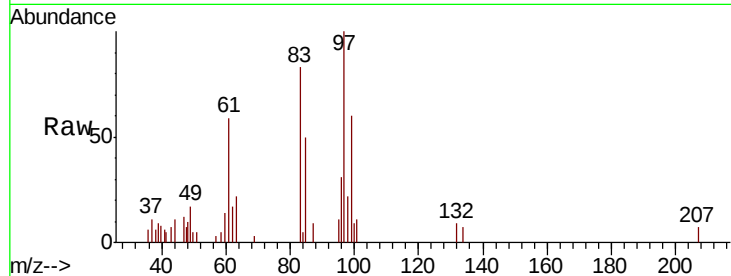
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 3249

Ion	Ratio	Lower	Upper
97	100		
99	59.7	45.1	83.7
83	82.7	58.1	107.9
85	50.1	37.3	69.3



#46

Tetrachloroethene

Concen: 0.948 ug/L

RT: 10.87 min Scan# 1470

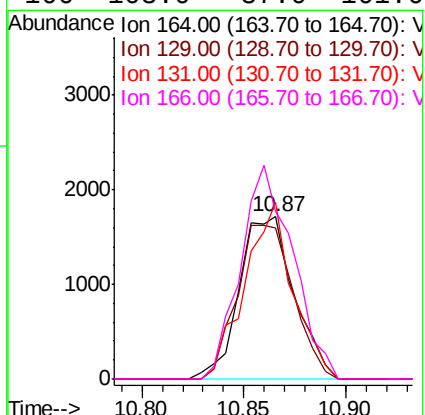
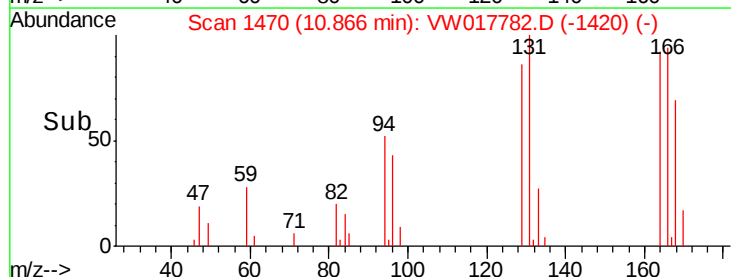
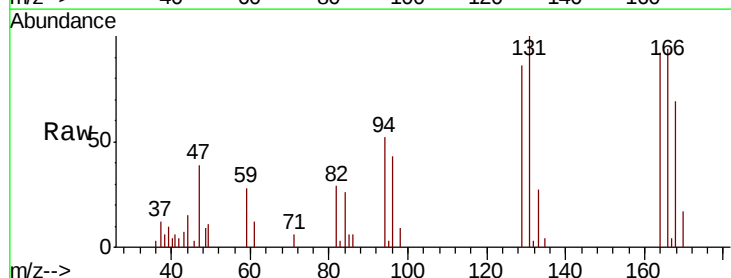
Delta R.T. 0.01 min

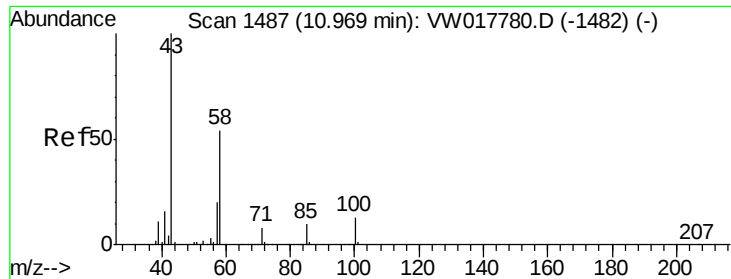
Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Tgt Ion: 164 Resp: 3201

Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.7	123.9
131	112.8	61.1	113.5
166	103.0	87.0	161.6





#48

2-Hexanone

Concen: 2.605 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 5056

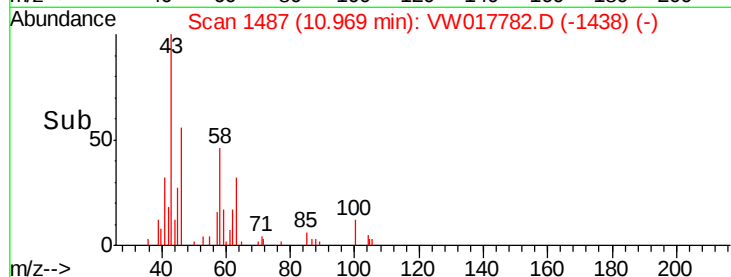
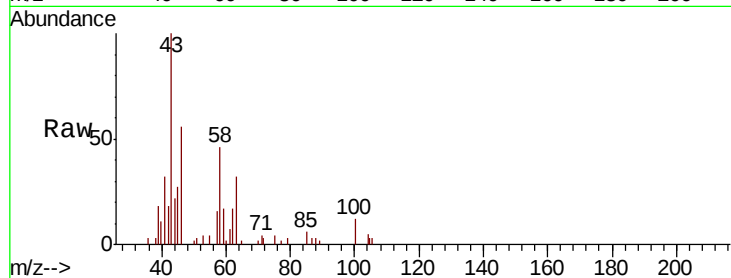
Ion Ratio Lower Upper

43 100

58 59.0 42.7 64.1

57 22.2 15.8 23.8

100 12.1 10.0 15.0

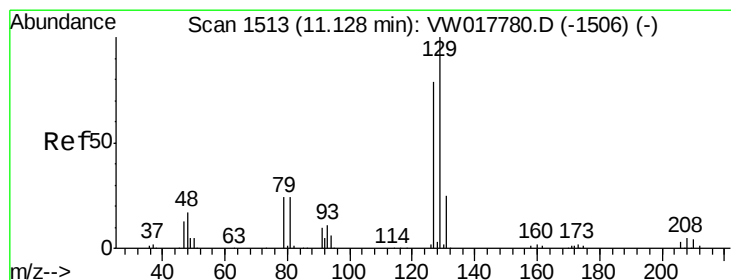
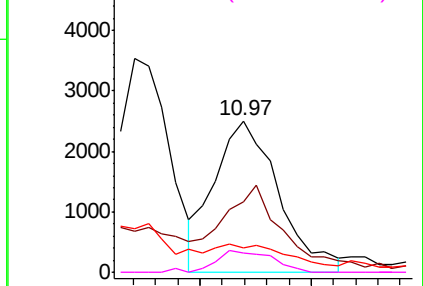


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#49

Dibromochloromethane

Concen: 0.899 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW017782.D

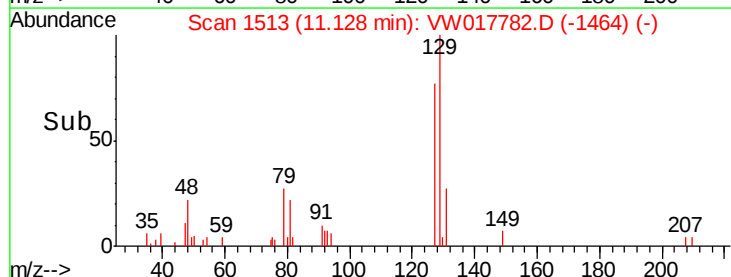
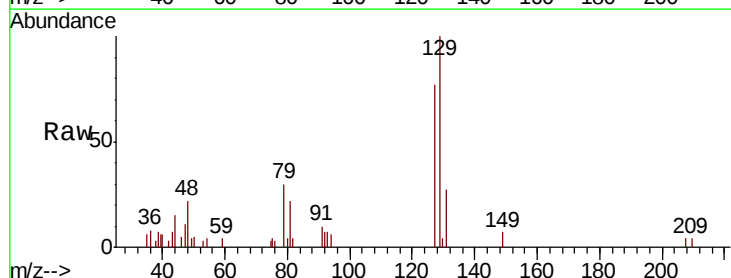
Acq: 30 Dec 2020 16:12

Tgt Ion: 129 Resp: 3379

Ion Ratio Lower Upper

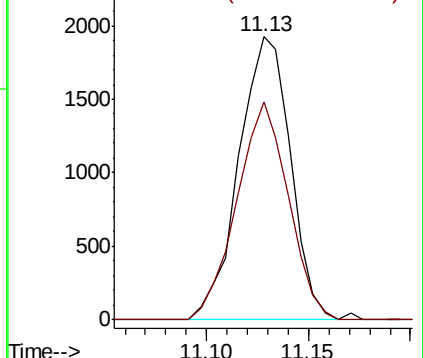
129 100

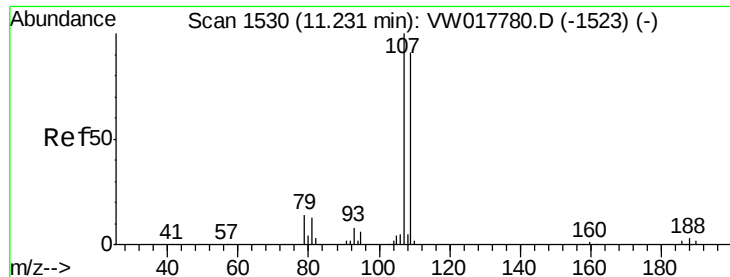
127 76.9 51.7 95.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

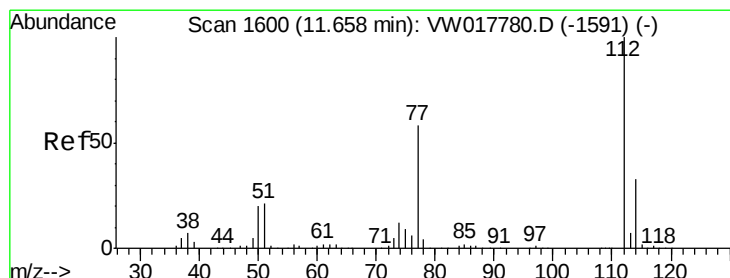
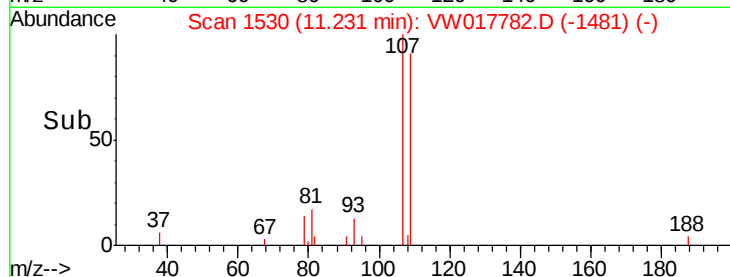
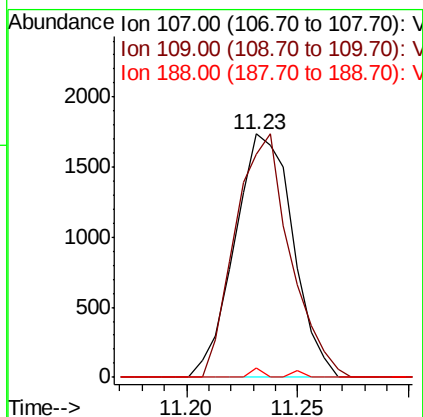
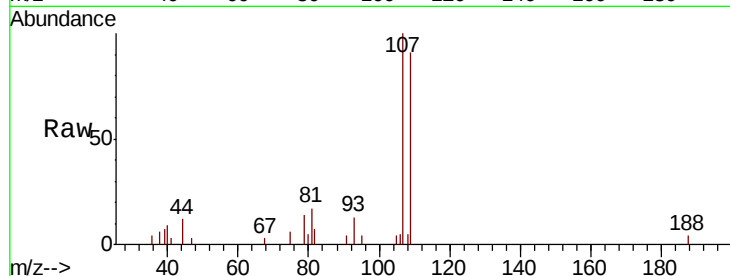




#50
 1,2-Dibromoethane
 Concen: 0.976 ug/L
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

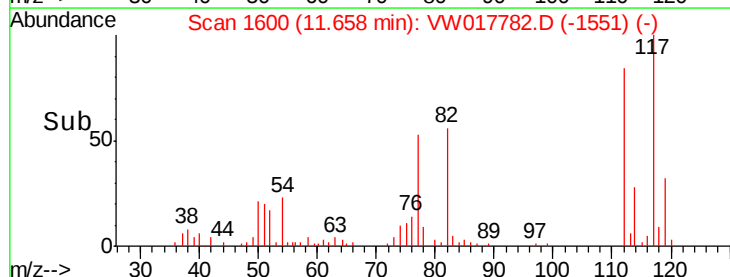
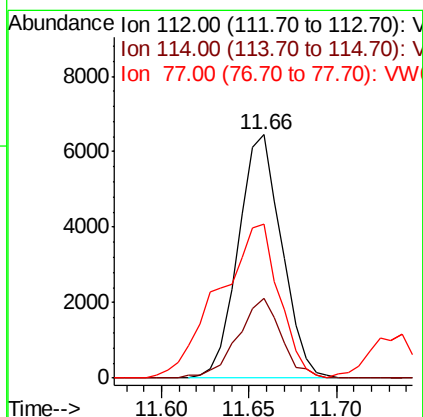
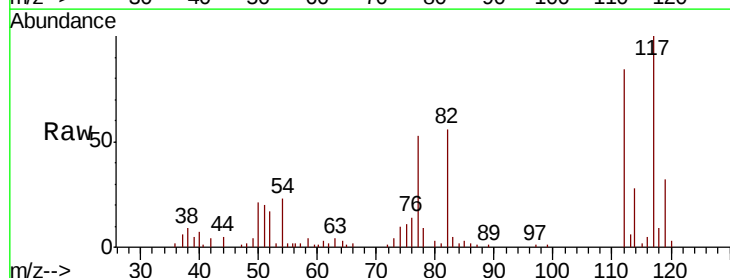
Instrument :
 MSVOA_W
 ClientSampleId :

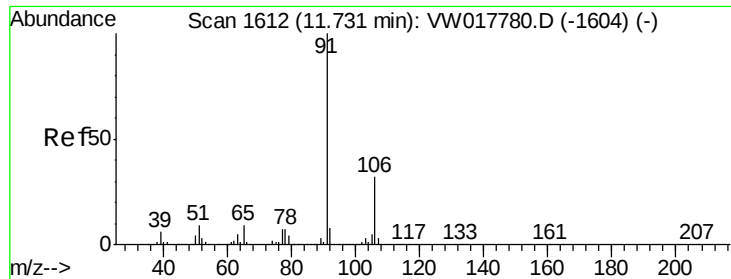
Tot Ion:107 Resp: 3161
 Ion Ratio Lower Upper
 107 100
 109 91.4 65.4 121.4
 188 4.0 2.6 4.0#



#51
 Chlorobenzene
 Concen: 0.960 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Tgt Ion:112 Resp: 11124
 Ion Ratio Lower Upper
 112 100
 114 32.8 23.4 43.6
 77 63.2 47.6 71.4





#52

Ethylbenzene

Concen: 0.904 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

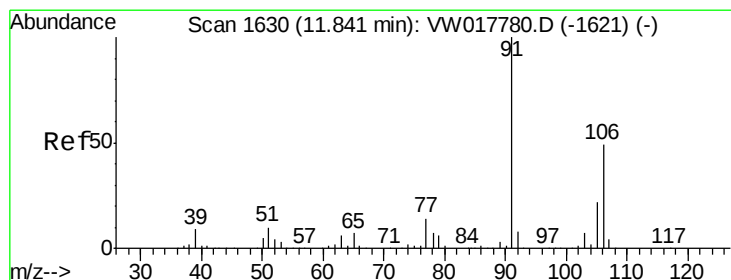
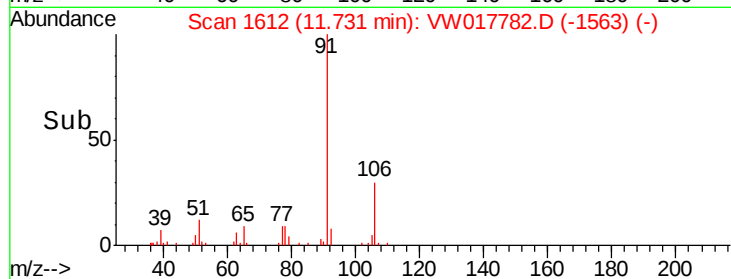
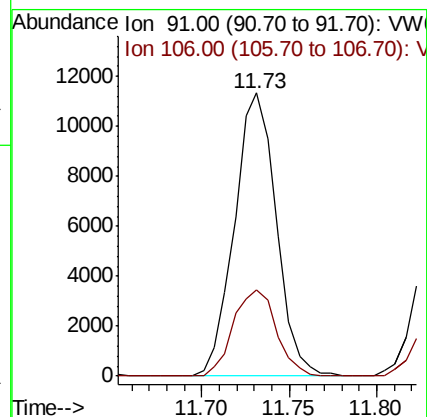
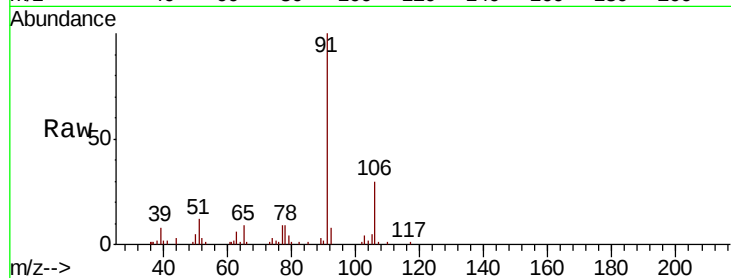
ClientSampleId :

Tot Ion: 91 Resp: 18864

Ion Ratio Lower Upper

91 100

106 30.5 22.5 41.7



#53

m,p-Xylene

Concen: 0.866 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW017782.D

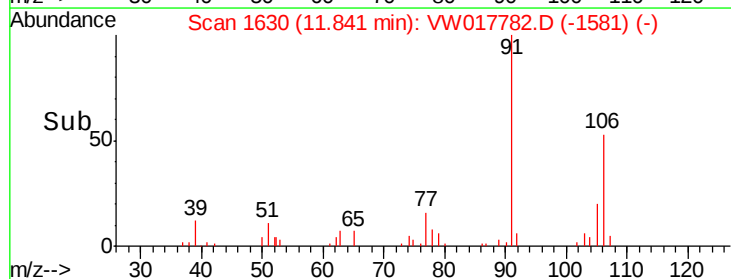
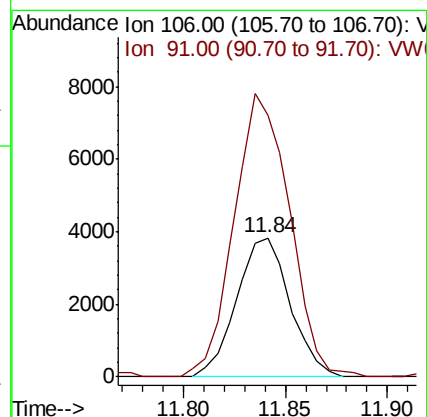
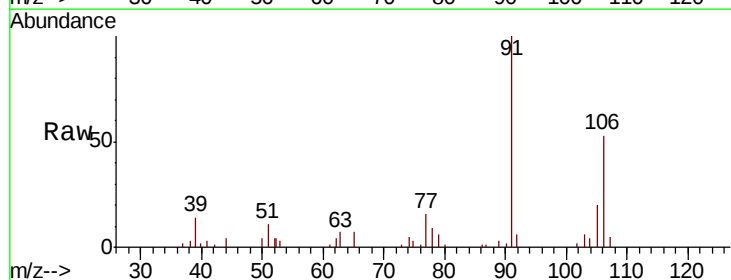
Acq: 30 Dec 2020 16:12

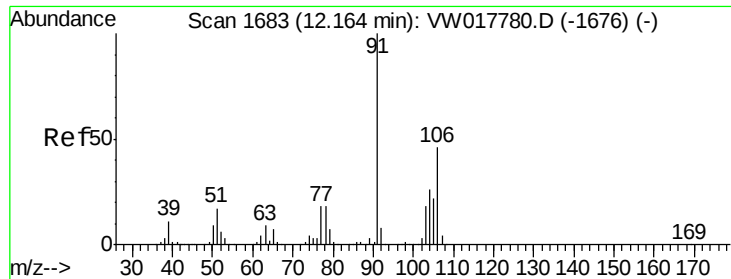
Tgt Ion: 106 Resp: 6992

Ion Ratio Lower Upper

106 100

91 188.7 141.3 262.3

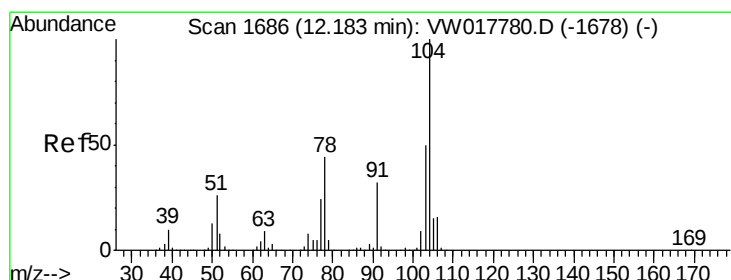
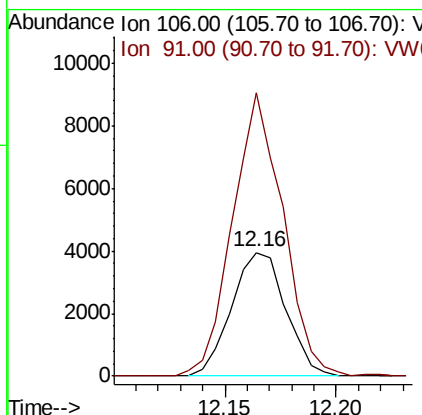
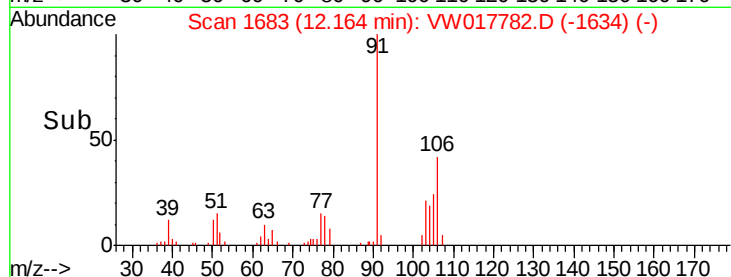
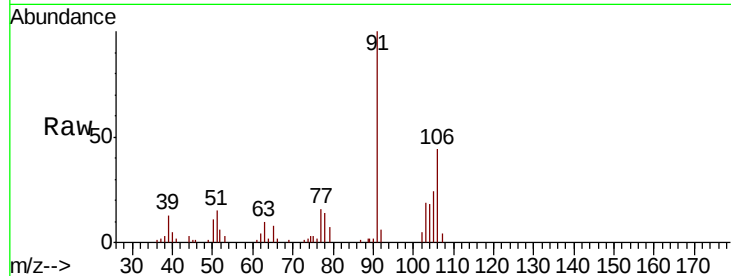




#54
o-Xylene
Concen: 0.878 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

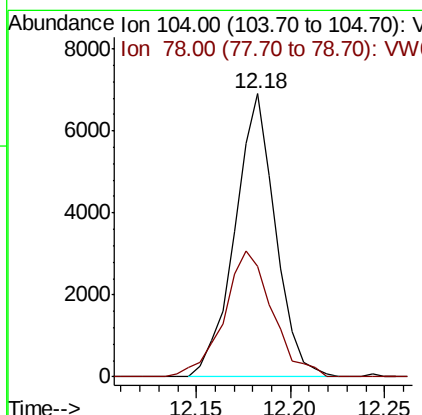
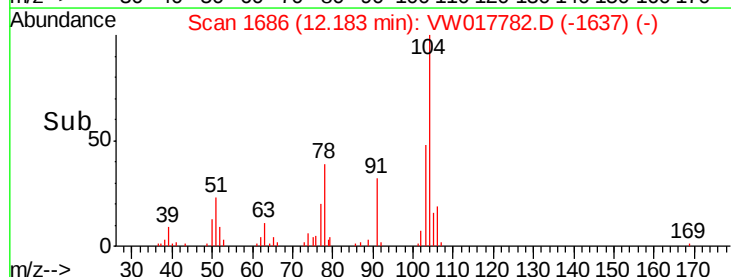
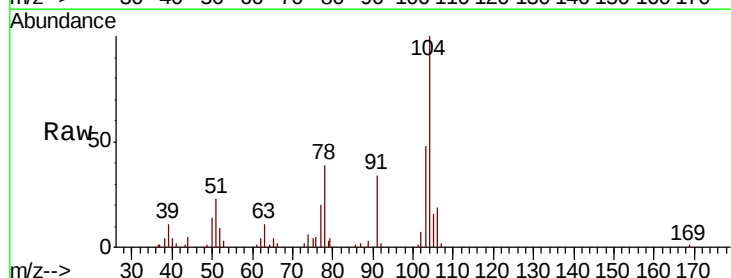
Instrument :
MSVOA_W
ClientSampled :

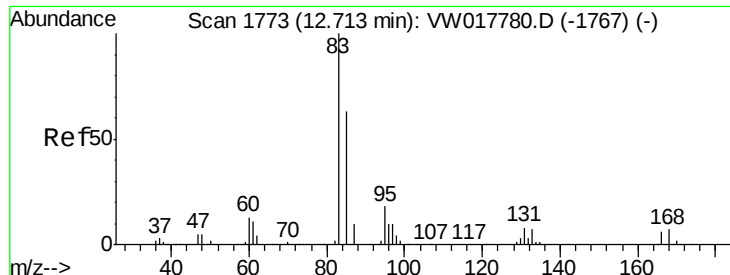
Tot Ion:106 Resp: 6685
Ion Ratio Lower Upper
106 100
91 228.8 150.0 278.6



#55
Styrene
Concen: 0.791 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Tgt Ion:104 Resp: 10308
Ion Ratio Lower Upper
104 100
78 39.1 32.5 60.3

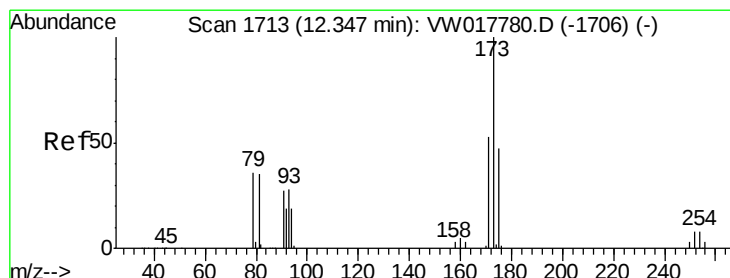
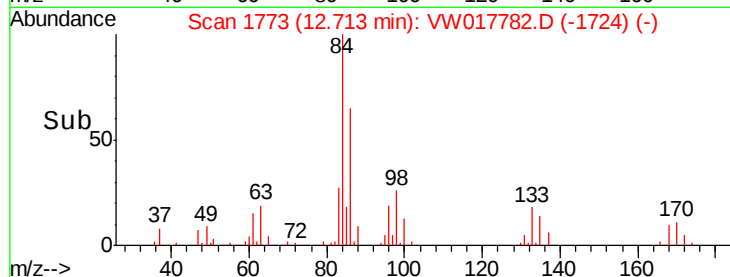
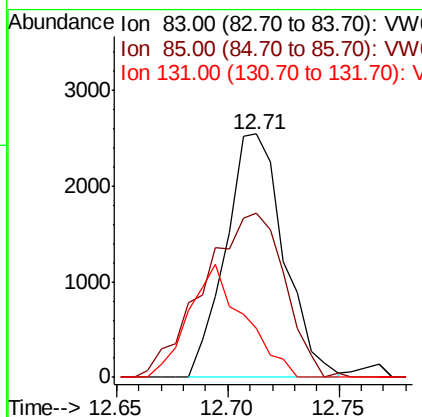
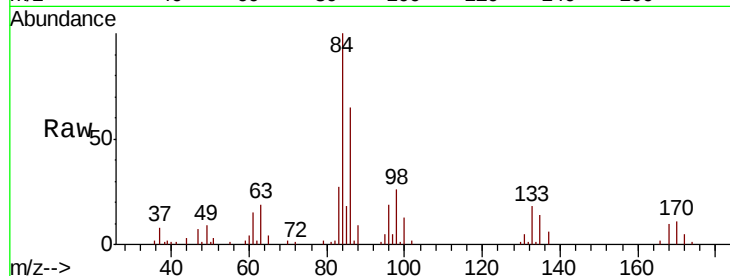




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.087 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

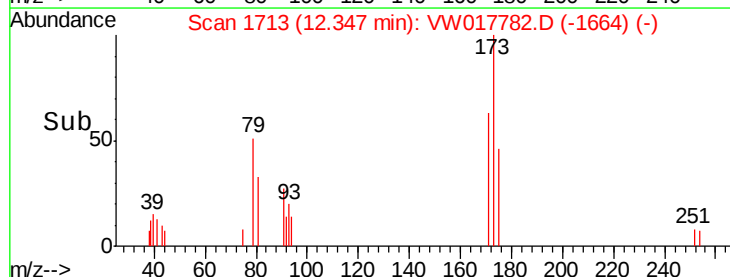
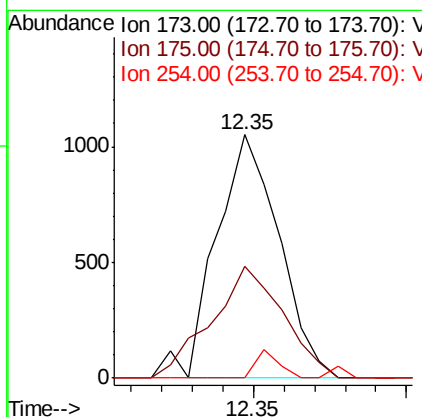
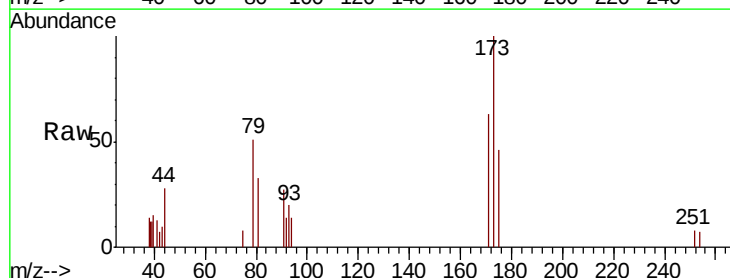
Instrument :
 MSVOA_W
 ClientSampleId :

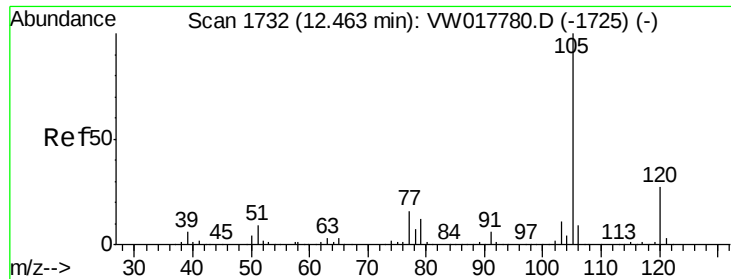
Tot Ion: 83 Resp: 4631
 Ion Ratio Lower Upper
 83 100
 85 67.4 44.4 82.4
 131 20.1 8.2 12.4#



#59
 Bromoform
 Concen: 0.705 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Tgt Ion: 173 Resp: 1462
 Ion Ratio Lower Upper
 173 100
 175 53.9 37.5 56.3
 254 4.3 7.0 10.4#





#60

Isopropylbenzene

Concen: 0.876 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

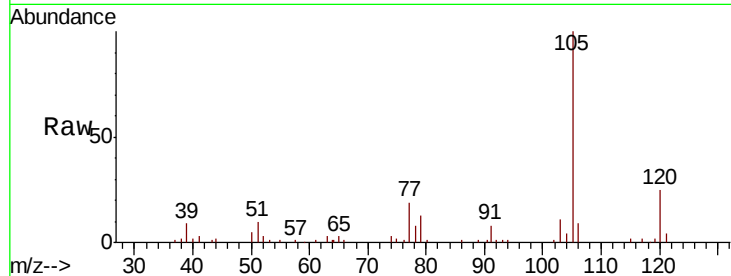
Tot Ion:105 Resp: 17733

Ion Ratio Lower Upper

105 100

120 24.7 21.1 31.7

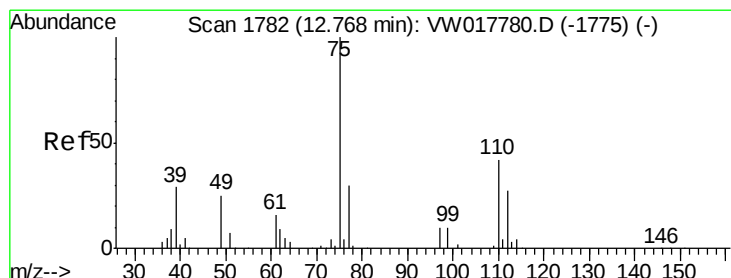
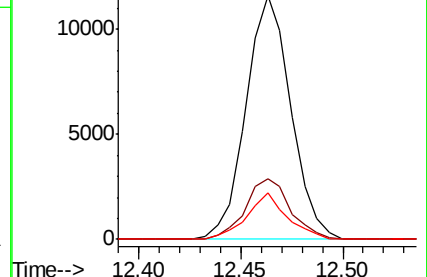
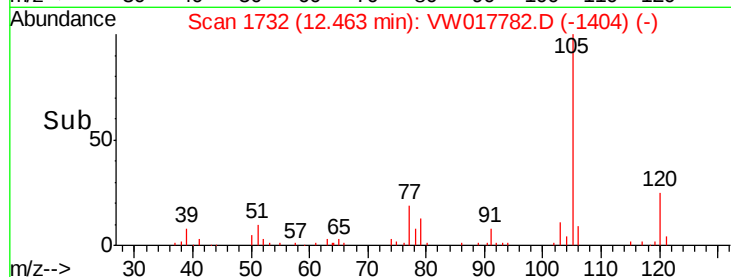
77 17.2 13.2 19.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 1.053 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

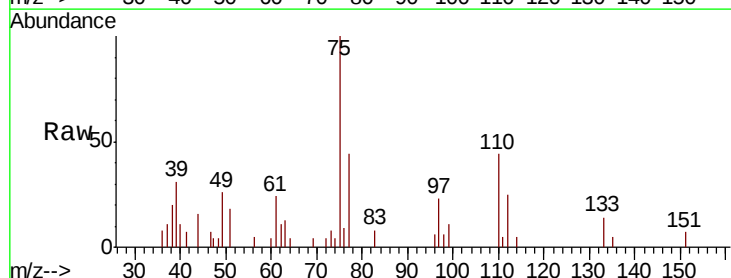
Tgt Ion: 75 Resp: 3206

Ion Ratio Lower Upper

75 100

77 42.1 25.3 37.9#

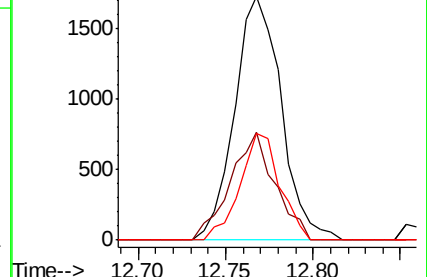
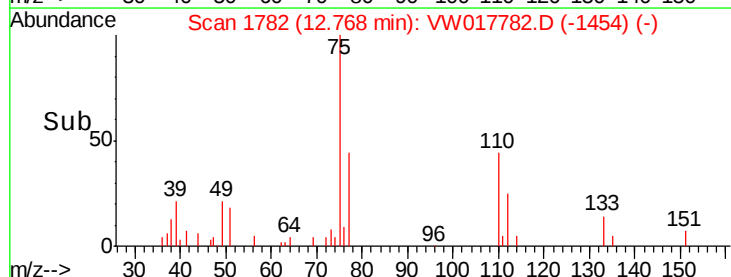
110 37.3 32.6 48.8

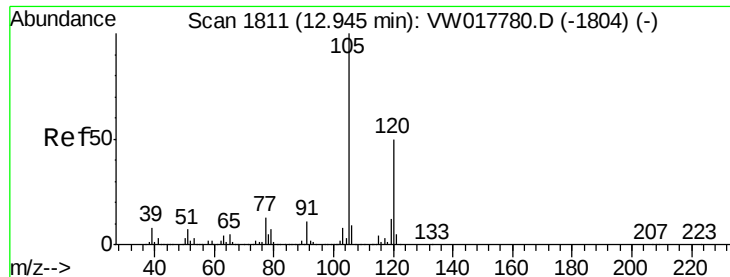


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

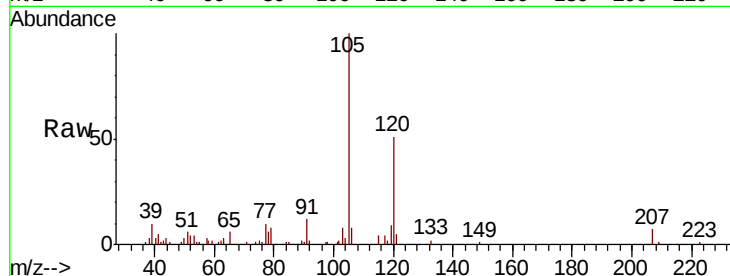




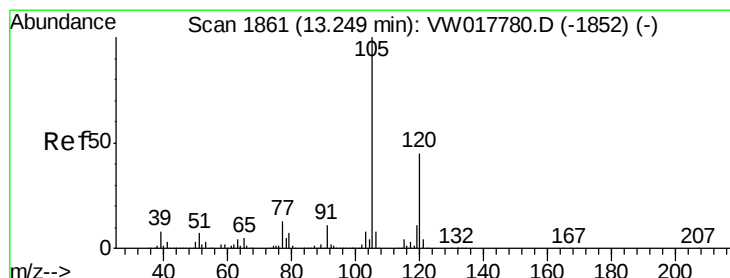
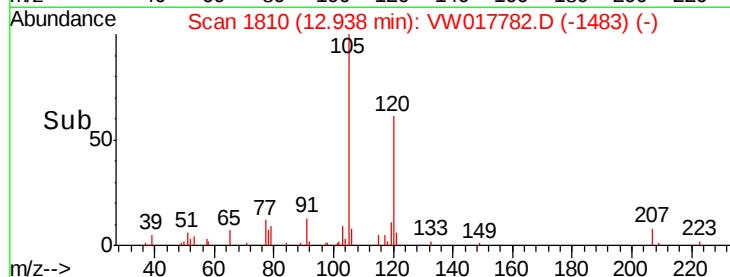
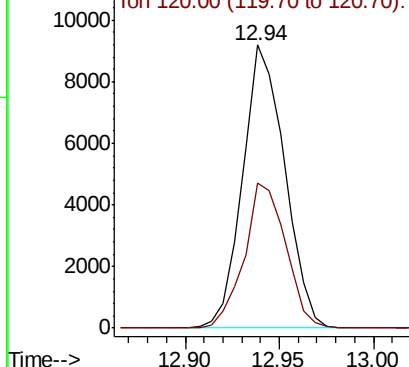
#62
 1,3,5-Trimethylbenzene
 Concen: 0.885 ug/L
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:105 Resp: 14242
 Ion Ratio Lower Upper
 105 100
 120 50.8 39.0 58.6

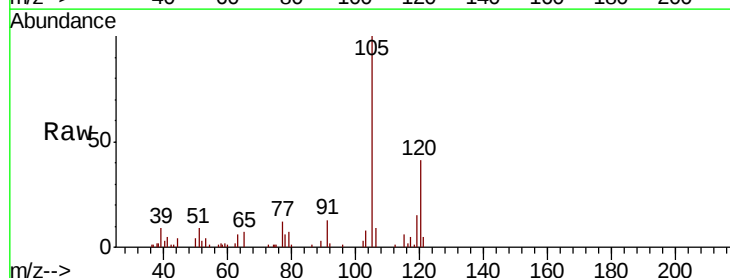


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

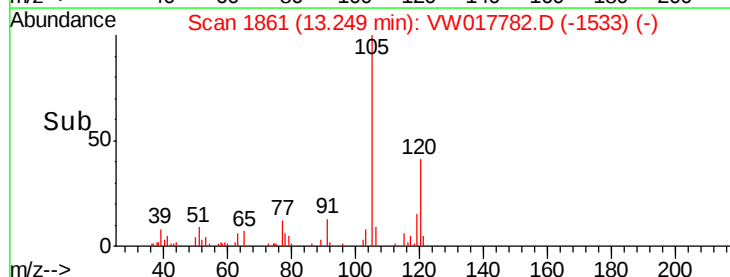
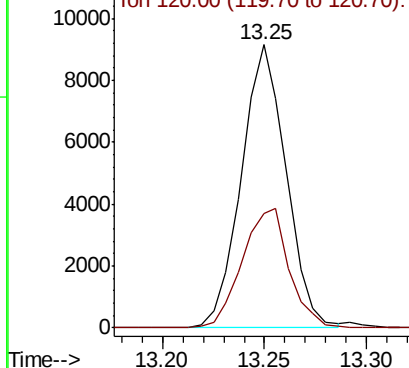


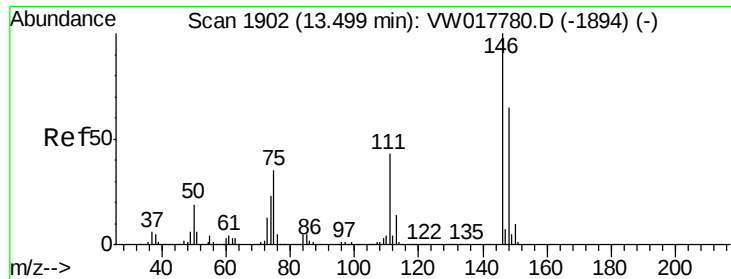
#63
 1,2,4-Trimethylbenzene
 Concen: 0.852 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Tgt Ion:105 Resp: 13956
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.6 53.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

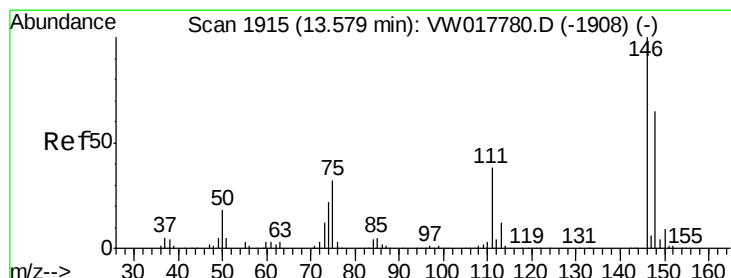
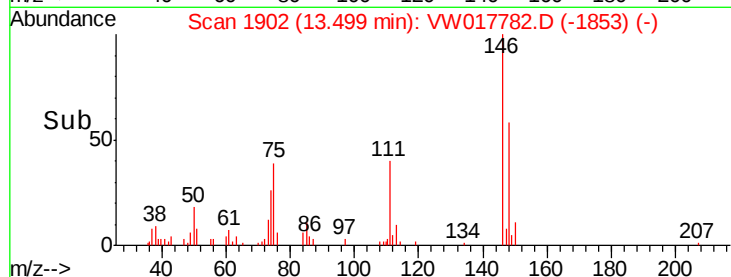
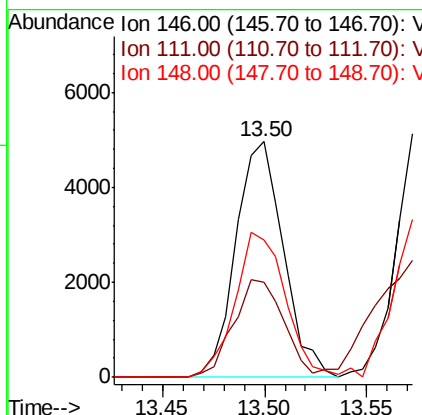
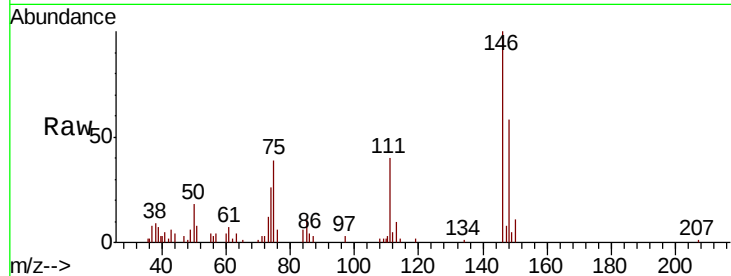




#64
 1,3-Dichlorobenzene
 Concen: 0.922 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

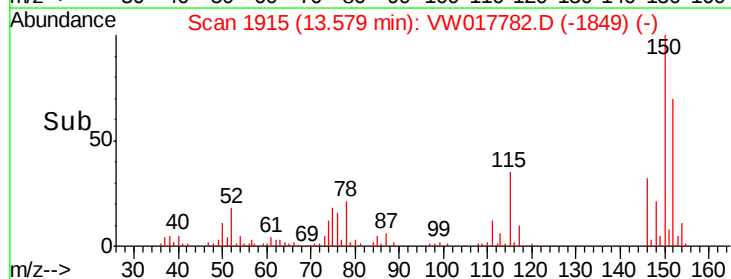
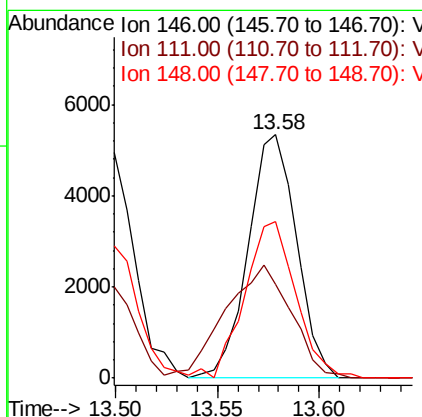
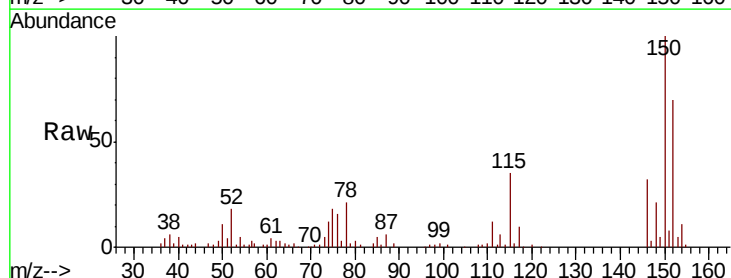
Instrument :
 MSVOA_W
 ClientSampleId :

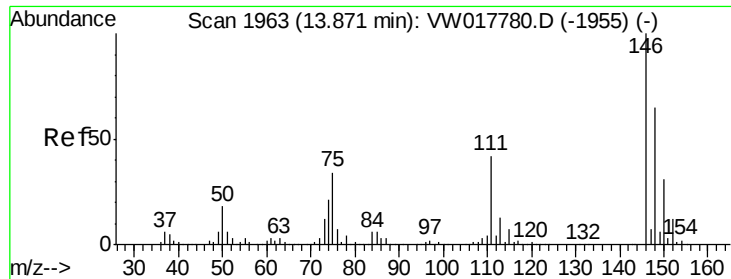
Tot Ion:146 Resp: 8050
 Ion Ratio Lower Upper
 146 100
 111 40.3 26.7 49.7
 148 58.3 41.1 76.3



#65
 1,4-Dichlorobenzene
 Concen: 1.015 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Tgt Ion:146 Resp: 8808
 Ion Ratio Lower Upper
 146 100
 111 38.6 28.8 53.4
 148 64.6 46.8 87.0

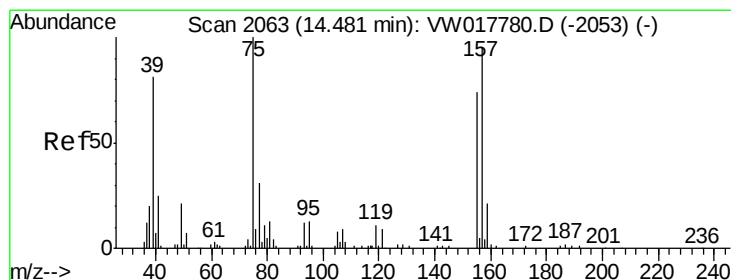
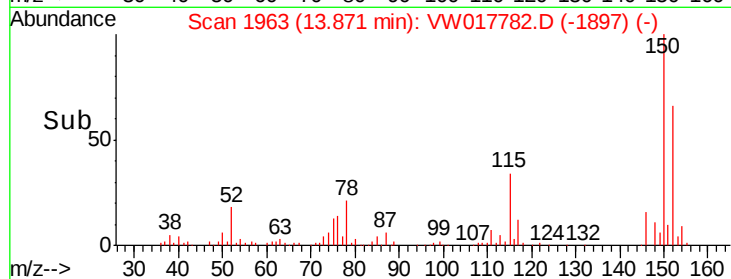
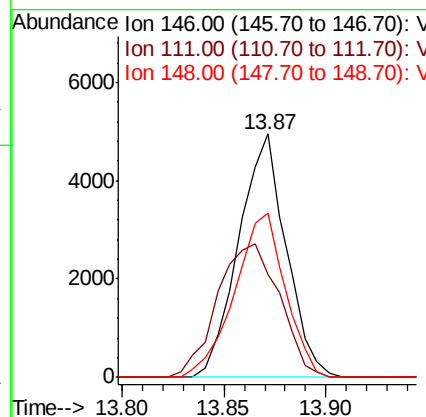
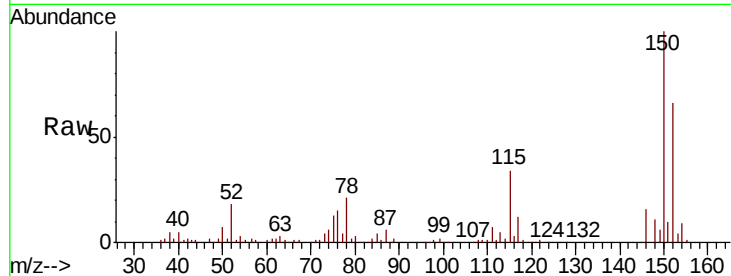




#67
 1,2-Dichlorobenzene
 Concen: 1.020 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

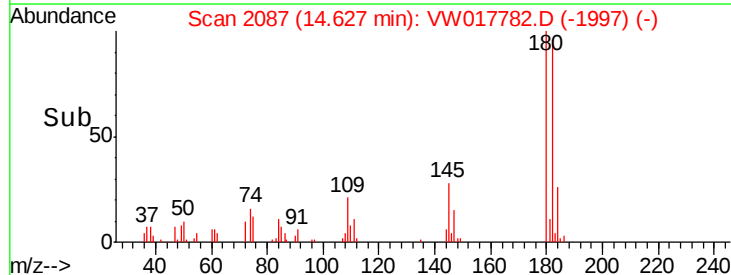
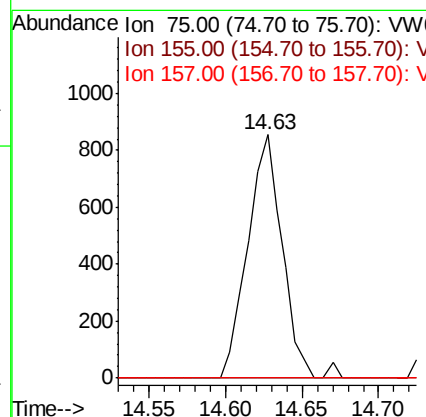
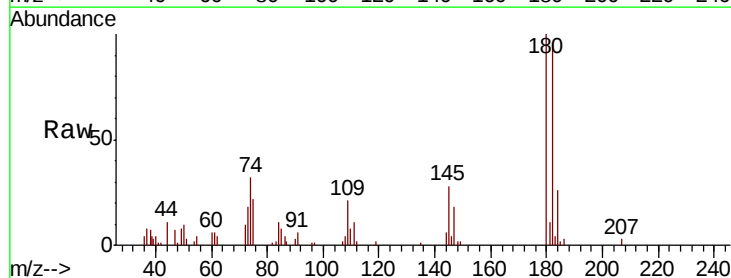
Instrument :
 MSVOA_W
 ClientSampled :

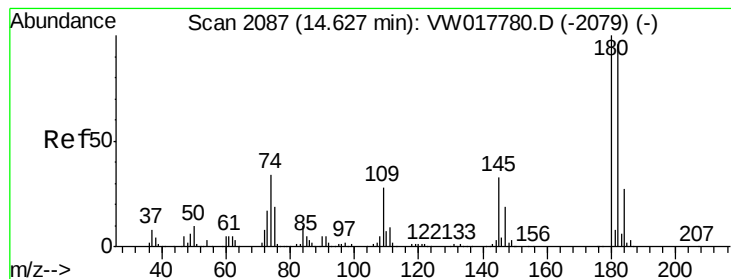
Tot Ion:146 Resp: 7999
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.2 49.8
 148 67.2 50.4 75.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.847 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.15 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

Tgt Ion: 75 Resp: 1346
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.4 89.0#
 157 0.0 72.2 108.2#





#69

1,3,5-Trichlorobenzene

Concen: 1.049 ug/L

RT: 14.63 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:180 Resp: 6201

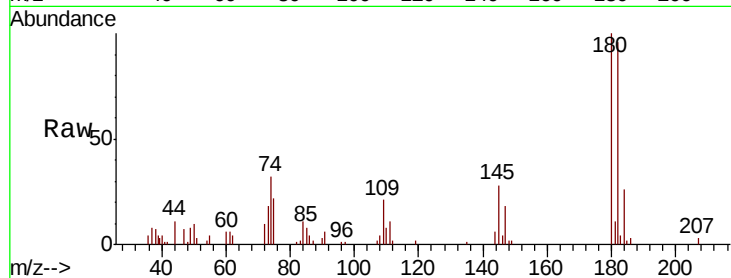
Ion Ratio Lower Upper

180 100

182 95.0 73.4 110.2

184 25.1 23.6 35.4

145 32.3 24.9 37.3

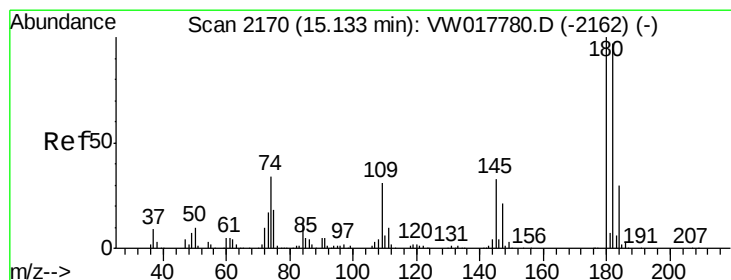
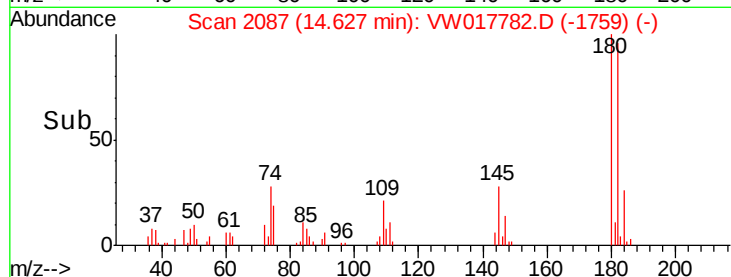
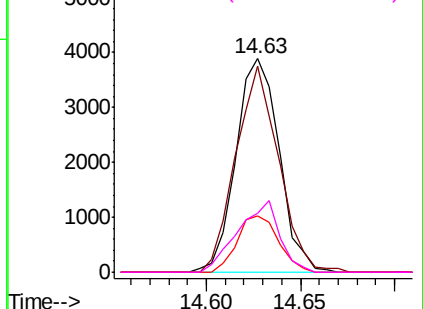


Abundance Ion 180.00 (179.70 to 180.70): V

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

1,2,4-trichlorobenzene

Concen: 1.042 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

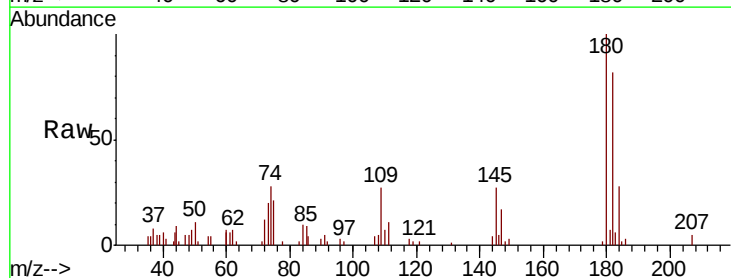
Tgt Ion:180 Resp: 5330

Ion Ratio Lower Upper

180 100

182 89.9 74.7 112.1

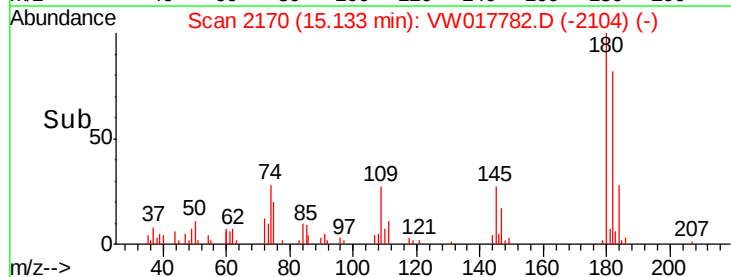
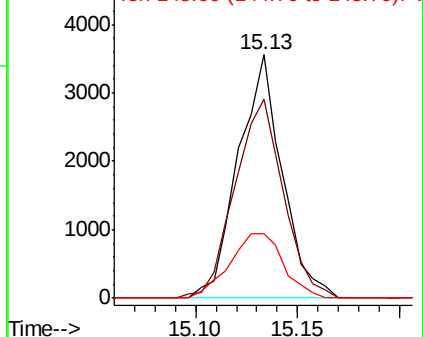
145 32.3 25.0 37.4

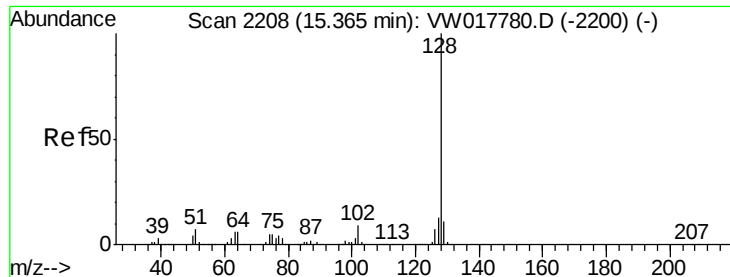


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

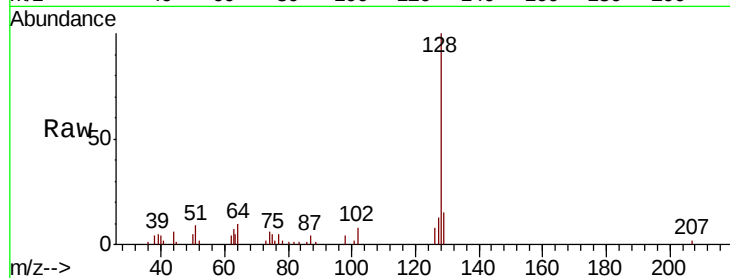




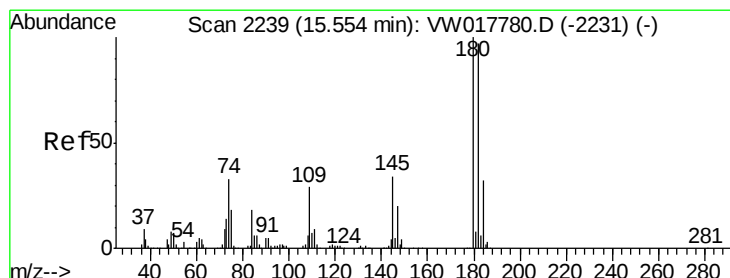
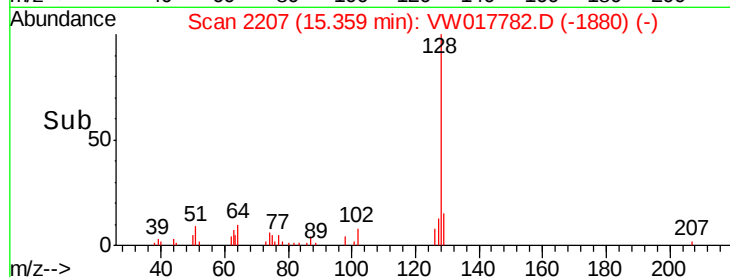
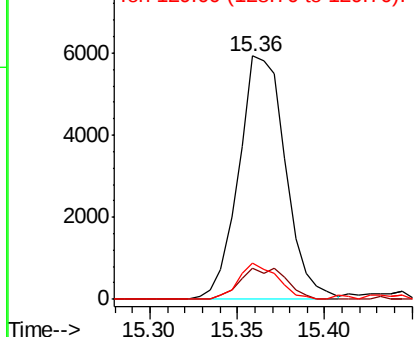
#71
Naphthalene
Concen: 0.934 ug/L
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	12.5	9.0	13.6

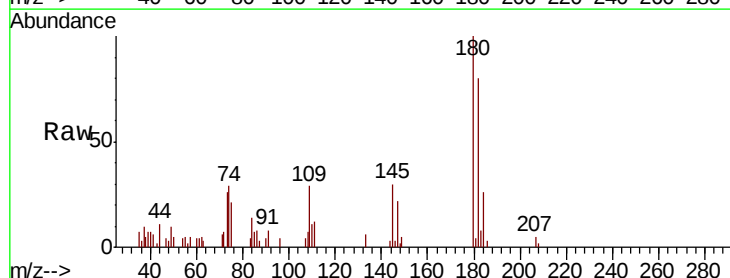


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#72
1,2,3-Trichlorobenzene
Concen: 1.137 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.4	76.7	115.1
145	32.6	28.9	43.3



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

