

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: Jan 02 13:12:48 2021
 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

					Ovalue
2) Dichlorodifluoromethane	2.01	85	3541	0.980 ug/L	# 84
3) Chloromethane	2.21	50	3467	1.103 ug/L	98
5) Vinyl chloride	2.36	62	5395m	1.041 ug/L	
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	2729m	0.775 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	4.05	101	4590m	1.137 ug/L	
12) 1,1-Dichloroethene	4.04	96	4567m	1.193 ug/L	
13) Acetone	4.12	43	1952m	2.234 ug/L	
14) Carbon disulfide	4.39	76	9286	0.846 ug/L	96
15) Methyl Acetate	4.67	43	1904m	1.009 ug/L	
16) Methylene chloride	4.92	84	11256	2.329 ug/L	94
17) trans-1,2-Dichloroethene	5.43	96	3620m	0.882 ug/L	
18) Methyl tert-butyl Ether	5.42	73	5255m	1.005 ug/L	
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
22) 2-Butanone	7.17	43	4791m	3.300 ug/L	

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 Quant Title : SFAM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

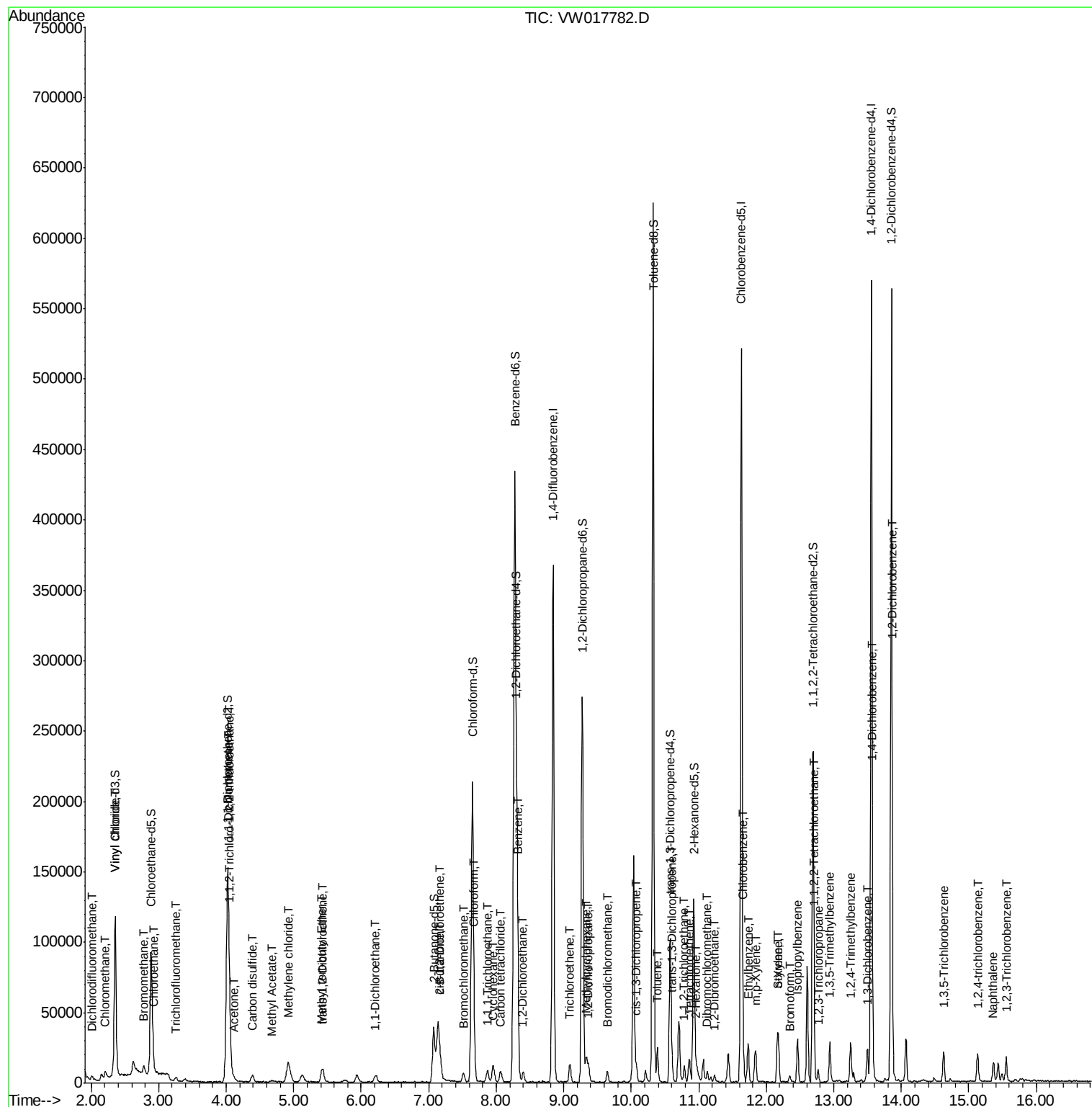
23) Bromochloromethane	7.52	128	1938	0.964	ug/L	79
25) Chloroform	7.68	83	8152	1.057	ug/L	100
27) 1,2-Dichloroethane	8.40	62	5625	1.021	ug/L #	95
29) Cyclohexane	7.95	56	5919m	0.913	ug/L	
30) 1,1,1-Trichloroethane	7.87	97	5632	0.887	ug/L	97
31) Carbon tetrachloride	8.07	117	5313	0.891	ug/L	98
33) Benzene	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
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

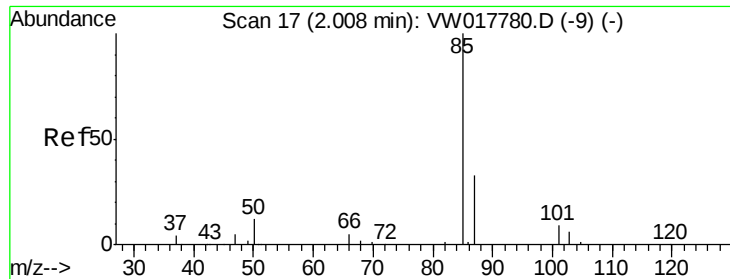
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.980 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

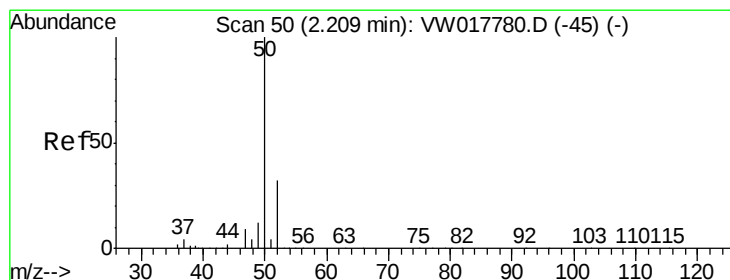
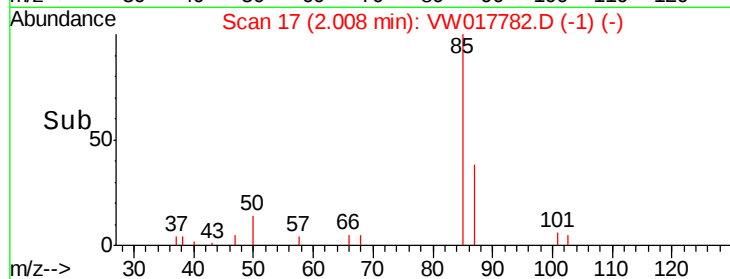
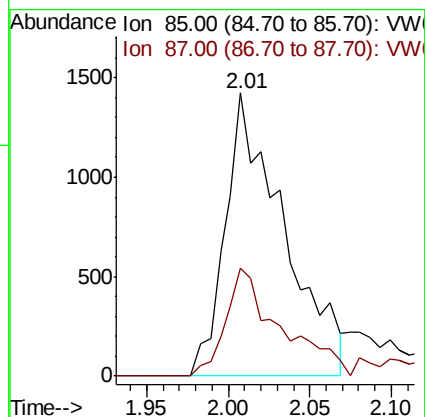
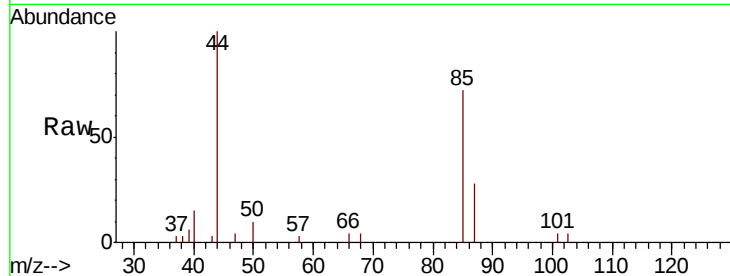
ClientSampleId :

Tot Ion: 85 Resp: 3541

Ion Ratio Lower Upper

85 100

87 20.6 23.3 34.9#



#3

Chloromethane

Concen: 1.103 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW017782.D

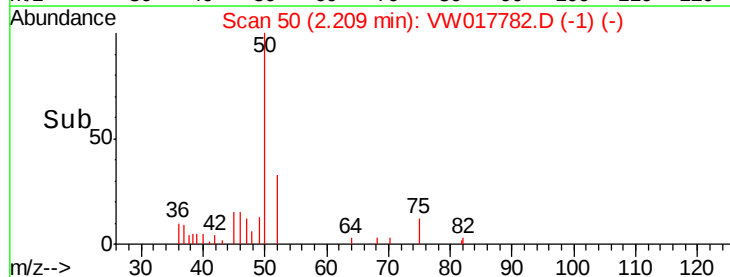
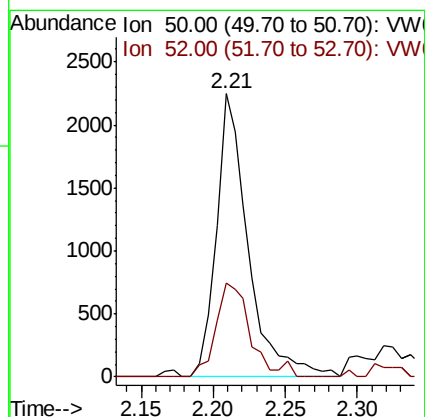
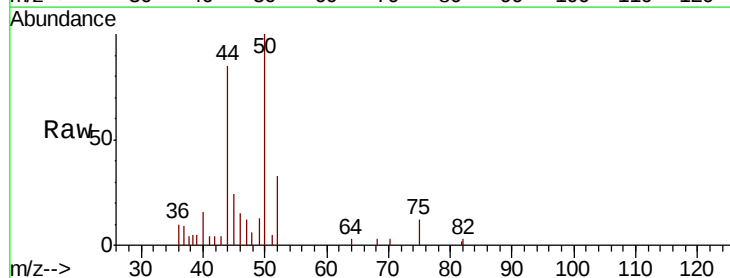
Acq: 30 Dec 2020 16:12

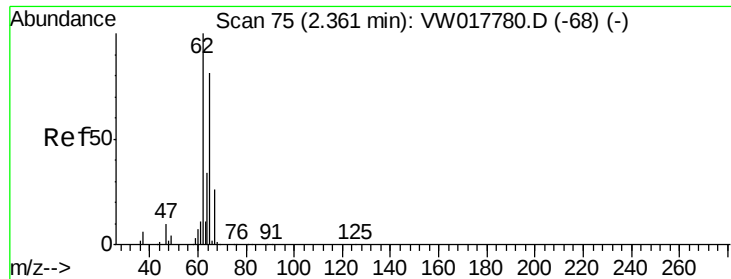
Tgt Ion: 50 Resp: 3467

Ion Ratio Lower Upper

50 100

52 33.2 22.5 41.9





#5

Vinyl chloride

Concen: 1.041 ug/L m

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

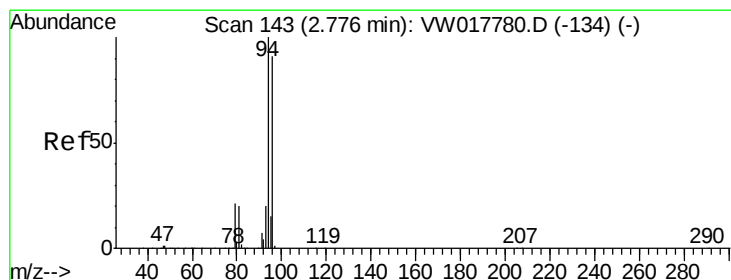
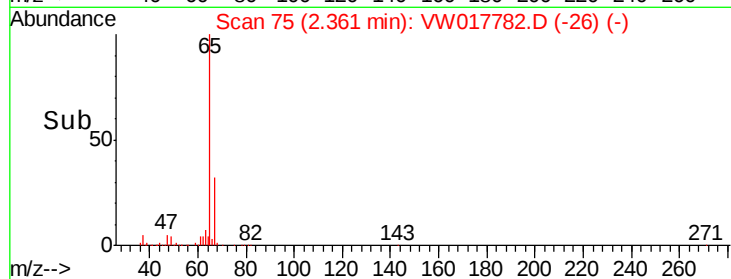
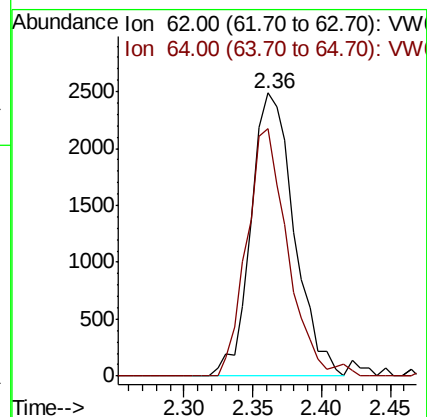
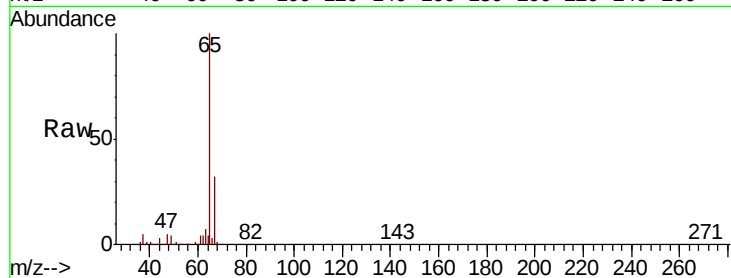
ClientSampled :

Tot Ion: 62 Resp: 5395

Ion Ratio Lower Upper

62 100

64 87.5 24.2 45.0#



#6

Bromomethane

Concen: 0.892 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW017782.D

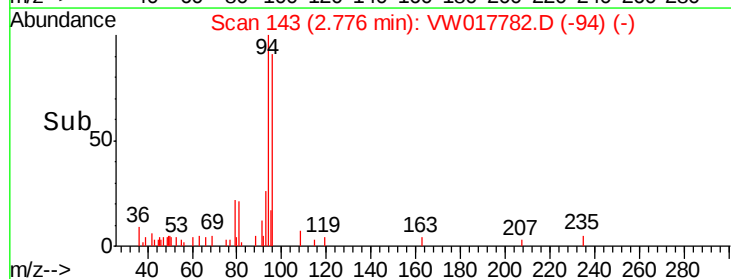
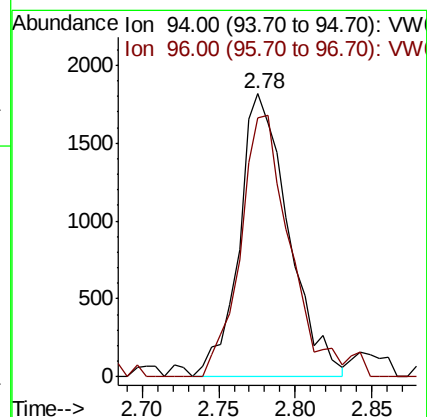
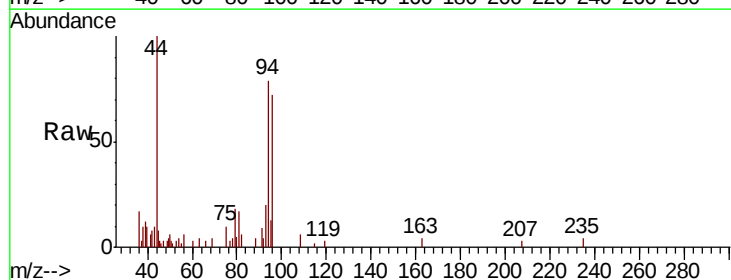
Acq: 30 Dec 2020 16:12

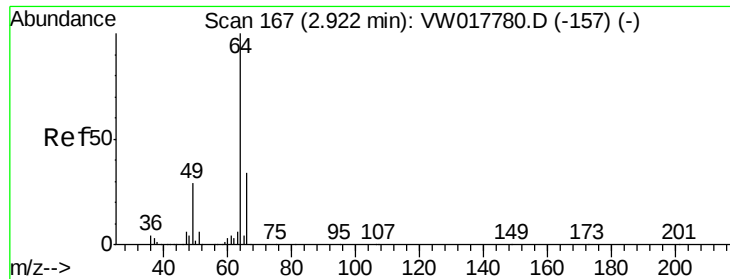
Tgt Ion: 94 Resp: 4091

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

Instrument :

MSVOA_W

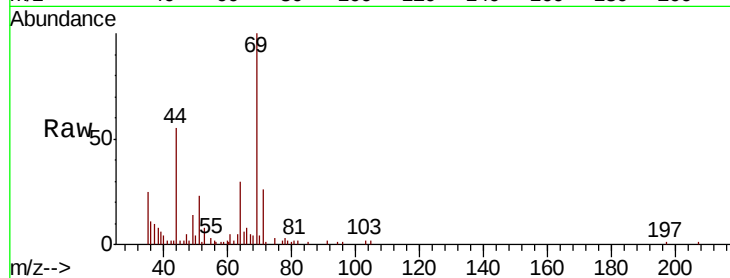
ClientSampled :

Tot Ion: 64 Resp: 3339

Ion Ratio Lower Upper

64 100

66 27.6 23.4 43.6



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.93

1500

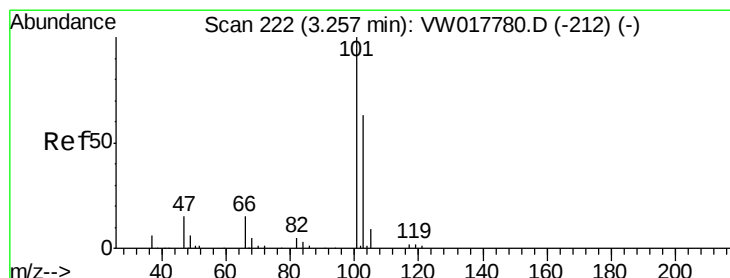
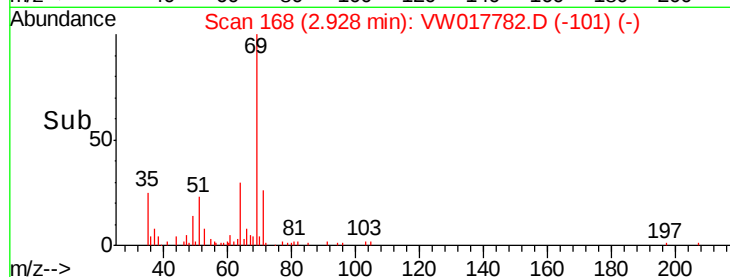
1000

500

0

2.85 2.90 2.95

Time-->



#9

Trichlorofluoromethane

Concen: 0.775 ug/L m

RT: 3.25 min Scan# 221

Delta R.T. -0.01 min

Lab File: VW017782.D

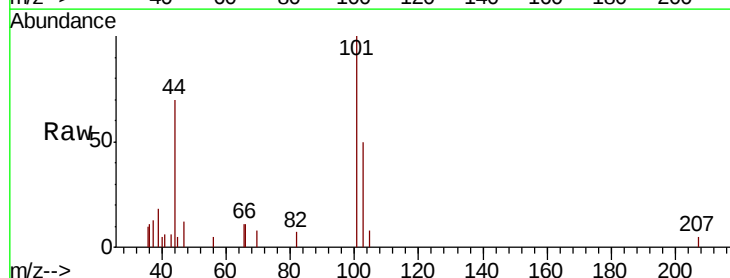
Acq: 30 Dec 2020 16:12

Tgt Ion: 101 Resp: 2729

Ion Ratio Lower Upper

101 100

103 65.0 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.25

1200

1000

800

600

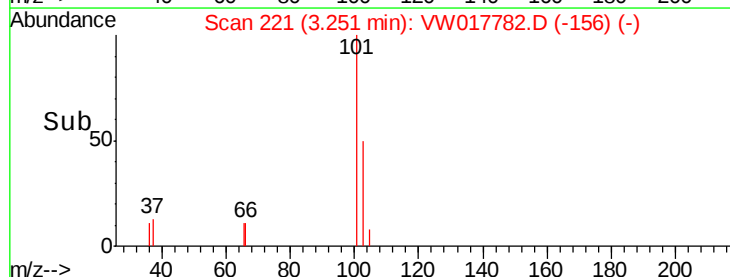
400

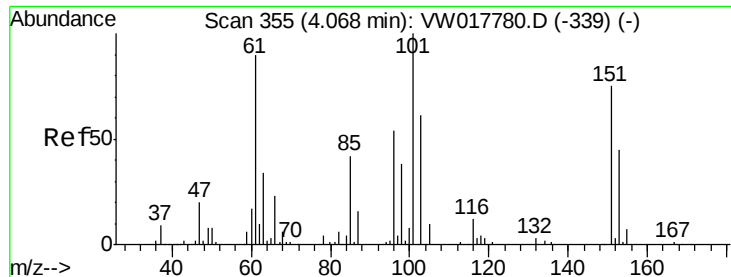
200

0

3.20 3.30 3.40

Time-->





#10

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

Concen: 1.137 ug/L m

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

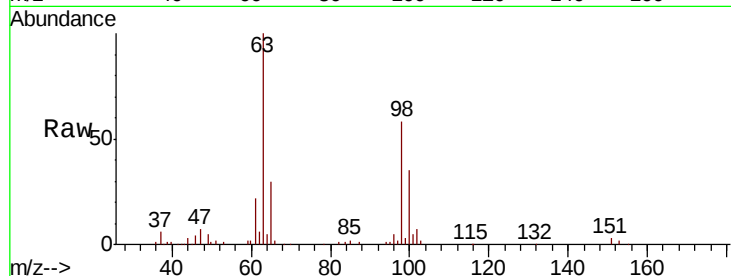
Tot Ion:101 Resp: 4590

Ion Ratio Lower Upper

101 100

85 17.5 38.2 57.2#

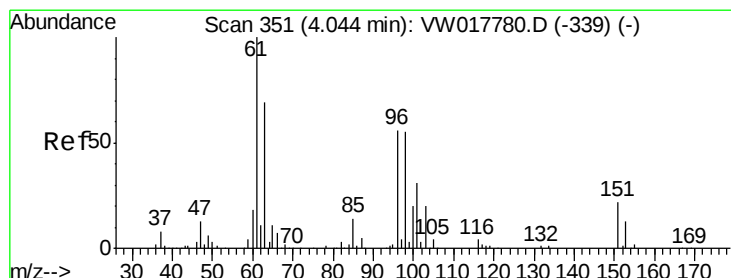
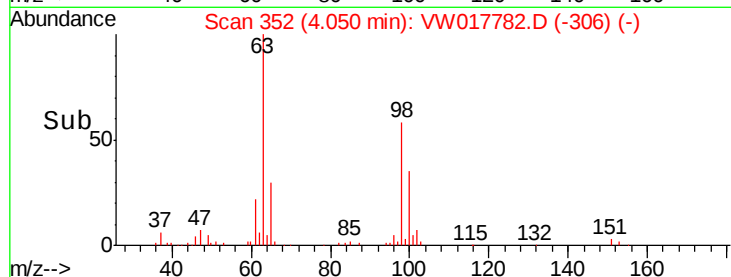
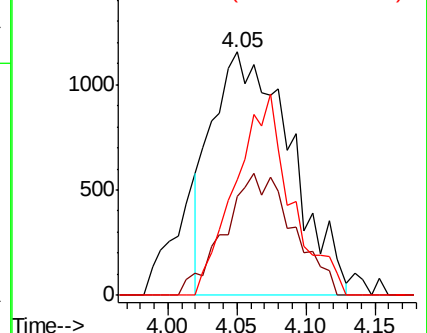
151 56.4 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.193 ug/L m

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

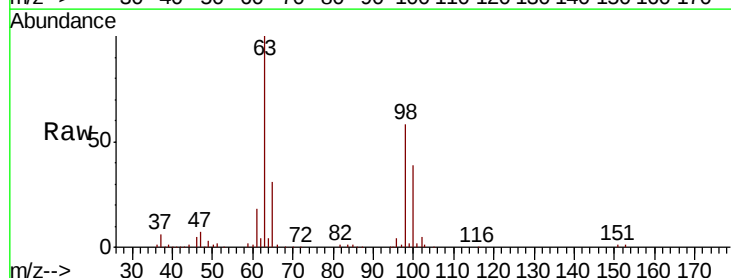
Tgt Ion: 96 Resp: 4567

Ion Ratio Lower Upper

96 100

61 515.2 118.1 219.3#

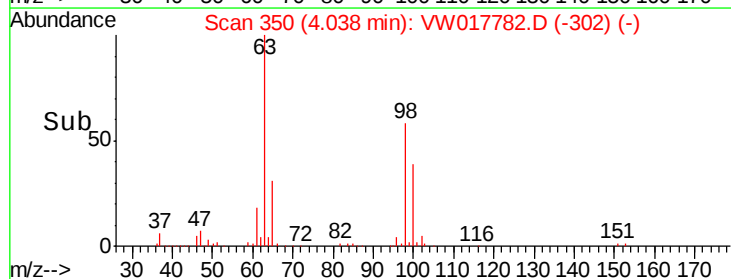
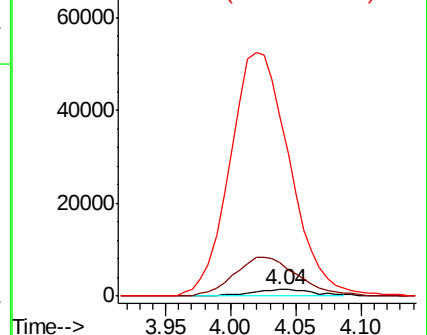
63 2788.0 83.7 155.5#

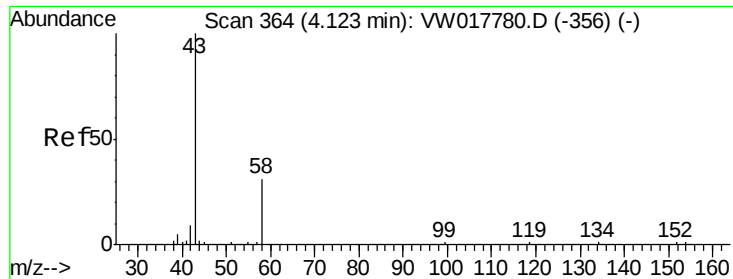


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 2.234 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

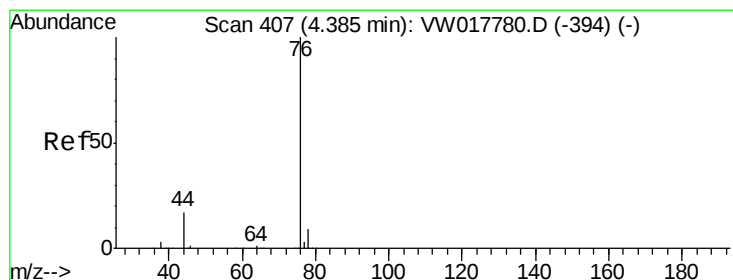
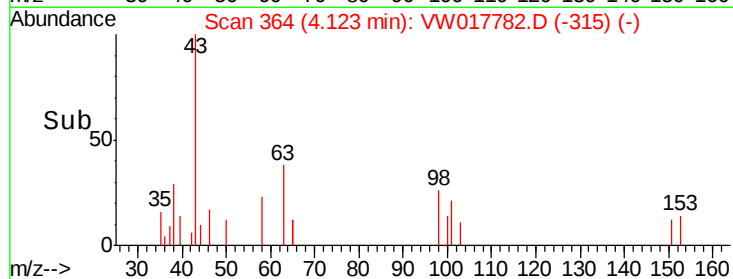
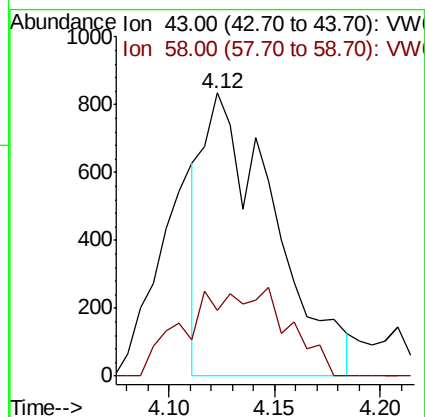
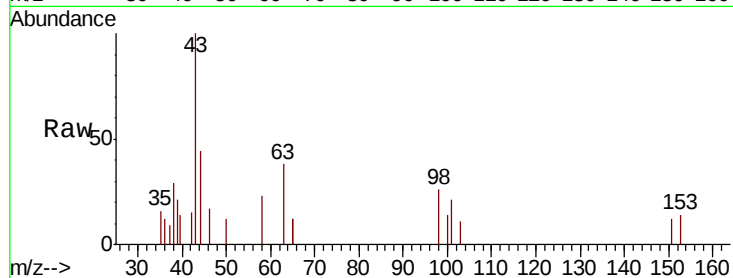
ClientSampled :

Tot Ion: 43 Resp: 1952

Ion Ratio Lower Upper

43 100

58 8.3 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

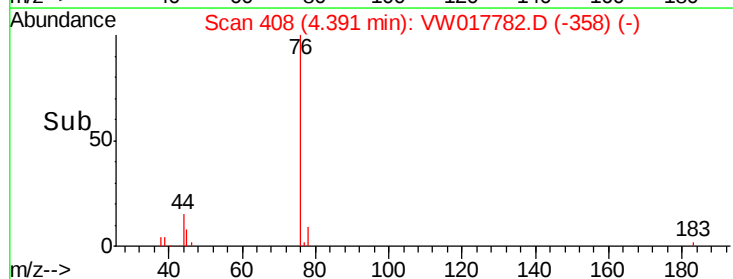
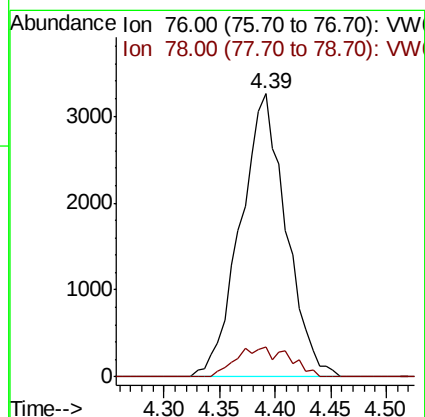
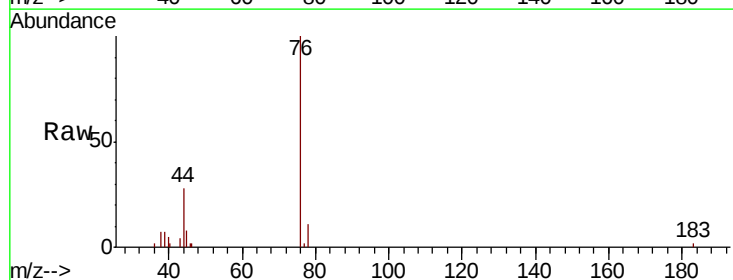
Acq: 30 Dec 2020 16:12

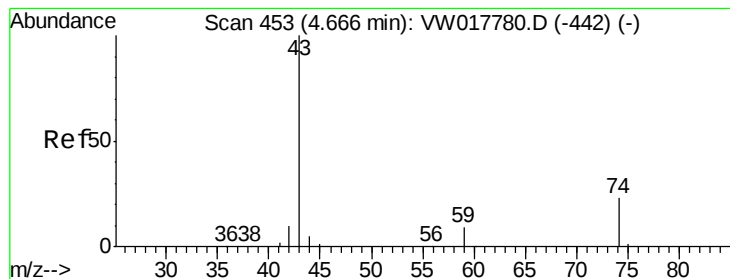
Tgt Ion: 76 Resp: 9286

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0





#15

Methyl Acetate

Concen: 1.009 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

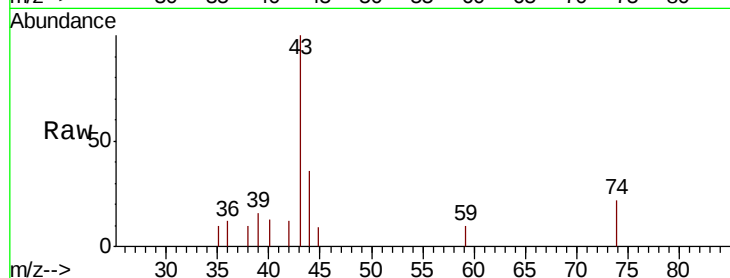
ClientSampled :

Tot Ion: 43 Resp: 1904

Ion Ratio Lower Upper

43 100

74 11.5 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

800

600

400

200

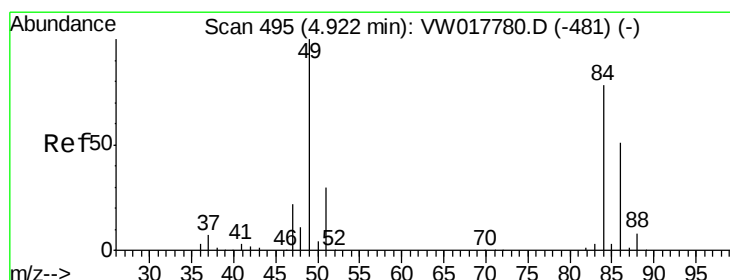
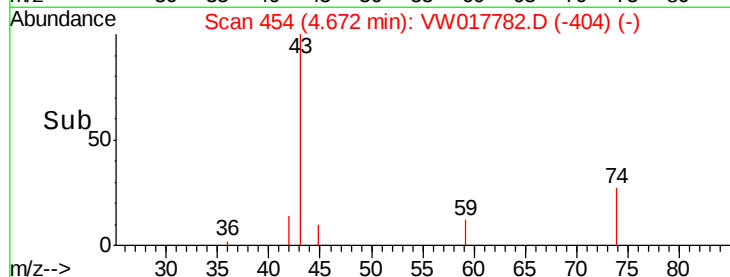
0

4.60

4.65

4.70

Time-->



#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

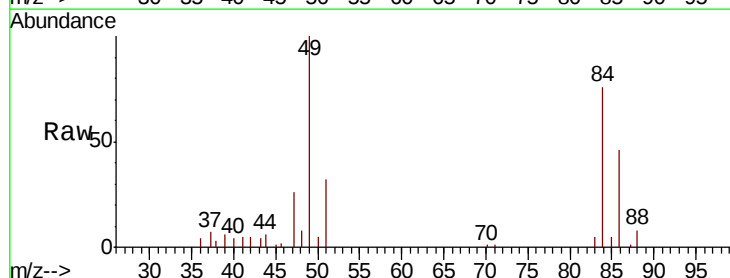
Tgt Ion: 84 Resp: 11256

Ion Ratio Lower Upper

84 100

86 61.2 45.3 84.1

49 132.1 86.6 160.8



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 86.00 (85.70 to 86.70): VW

Ion 49.00 (48.70 to 49.70): VW

5000

4000

3000

2000

1000

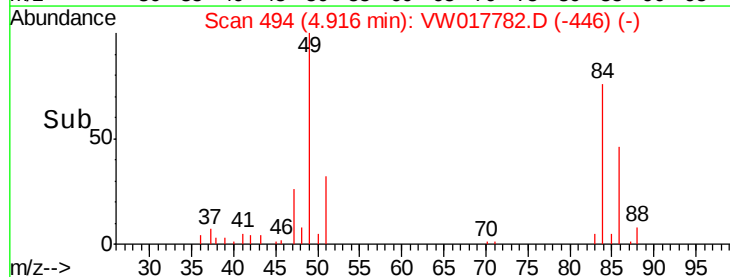
0

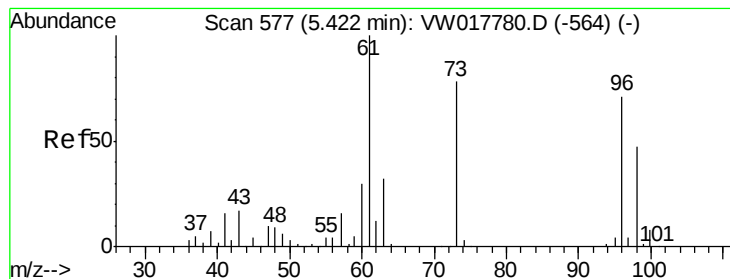
4.80

4.90

5.00

Time-->





#17

trans-1,2-Dichloroethene

Concen: 0.882 ug/L m

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :
MSVOA_W
ClientSampleId :

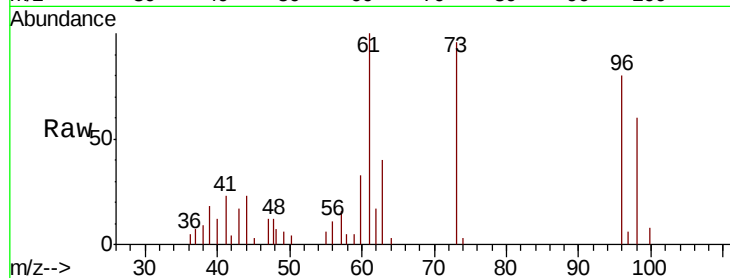
Tot Ion: 96 Resp: 3620

Ion Ratio Lower Upper

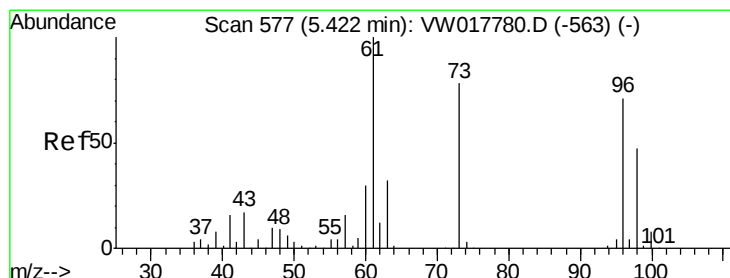
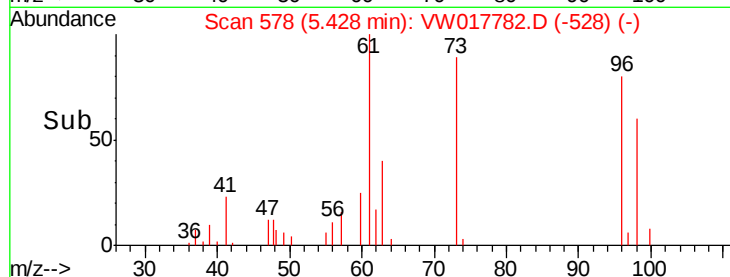
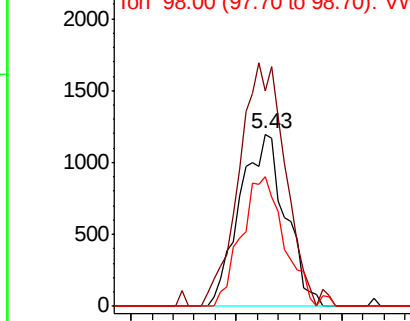
96 100

61 125.3 98.3 182.7

98 75.0 46.1 85.7



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#18

Methyl tert-butyl Ether

Concen: 1.005 ug/L m

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

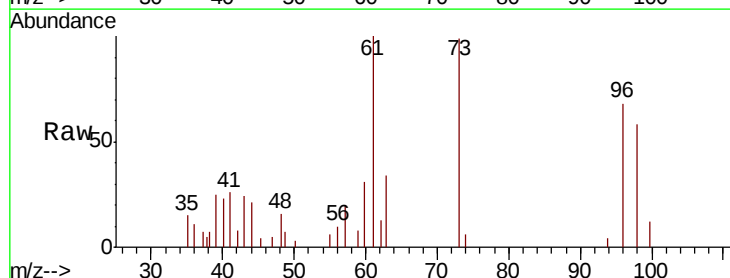
Tgt Ion: 73 Resp: 5255

Ion Ratio Lower Upper

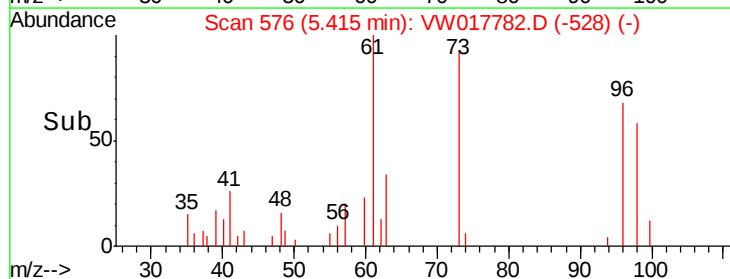
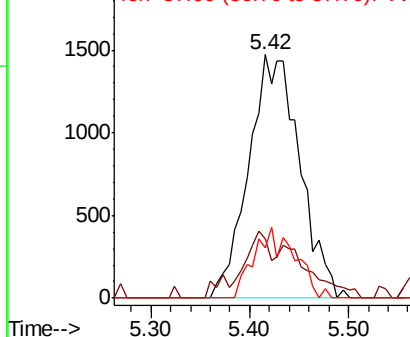
73 100

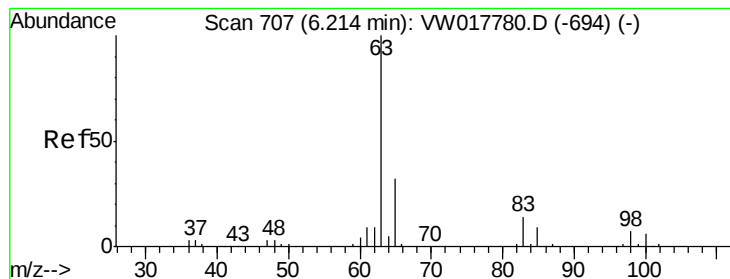
43 12.7 17.7 26.5#

57 13.0 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

Instrument :

MSVOA_W

ClientSampleId :

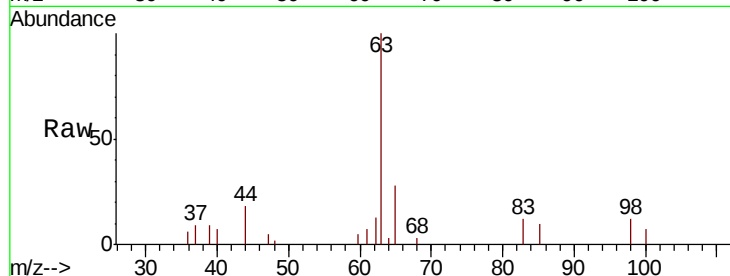
Tot Ion: 63 Resp: 6657

Ion	Ratio	Lower	Upper
63	100		
65	27.8	22.9	42.5
83	11.9	10.2	19.0

63 100

65 27.8 22.9 42.5

83 11.9 10.2 19.0

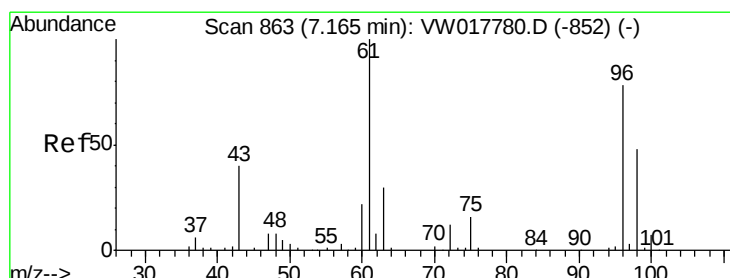
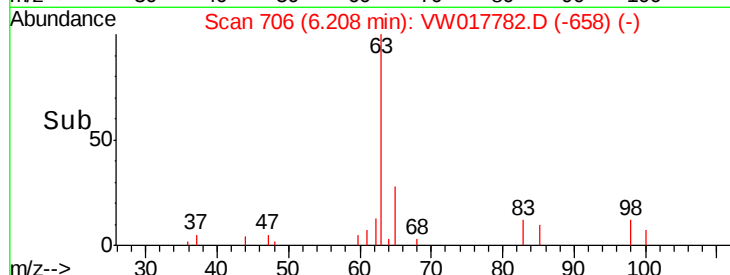
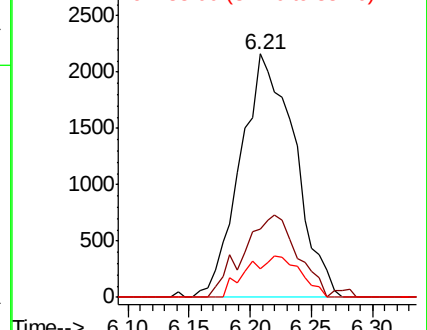


Abundance

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

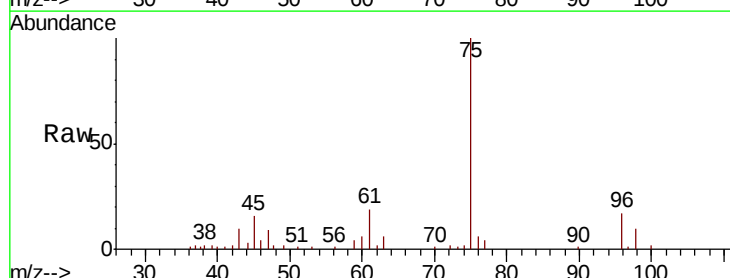
Tgt Ion: 96 Resp: 4293

Ion	Ratio	Lower	Upper
96	100		
61	114.0	88.5	164.3
68	0.0	0.0	0.0

96 100

61 114.0 88.5 164.3

68 0.0 0.0 0.0

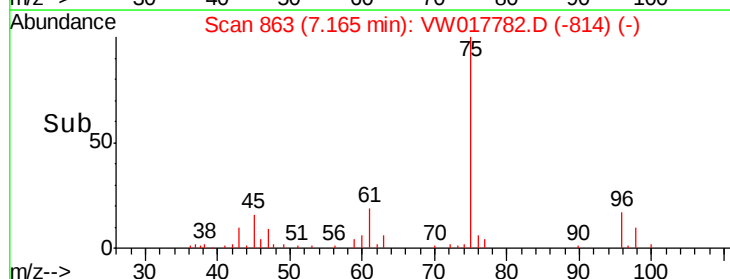
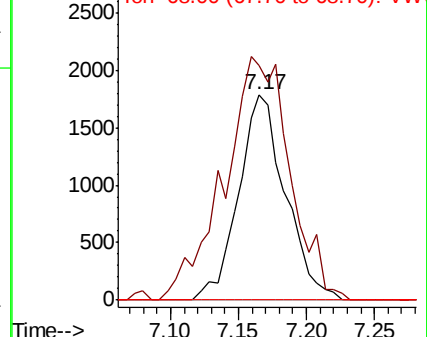


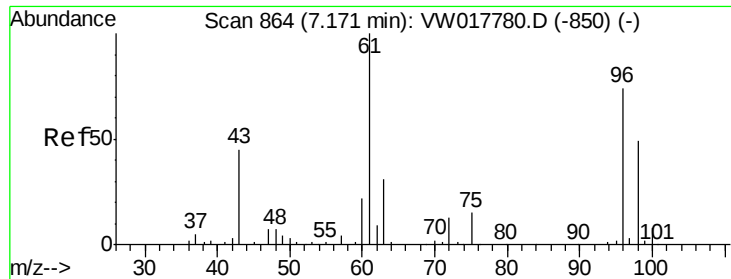
Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 68.00 (67.70 to 68.70): VW





#22

2-Butanone

Concen: 3.300 ug/L m

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

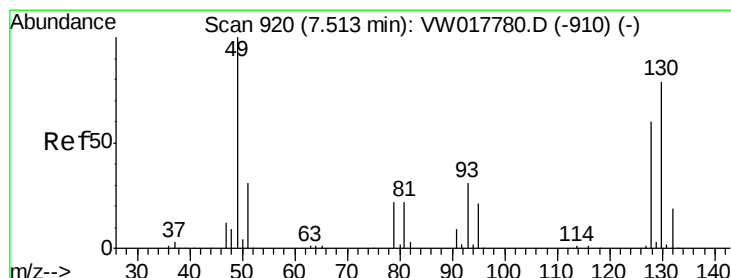
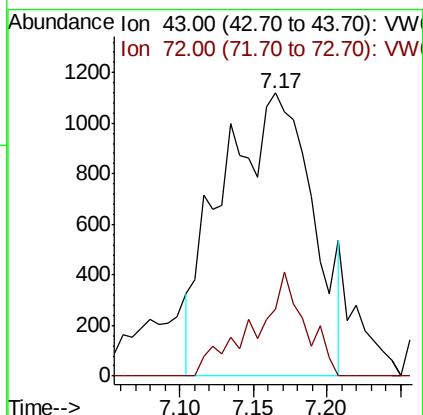
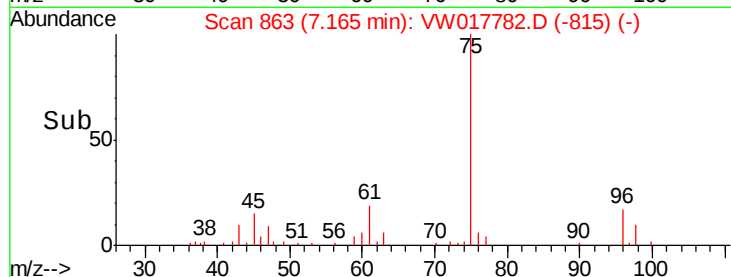
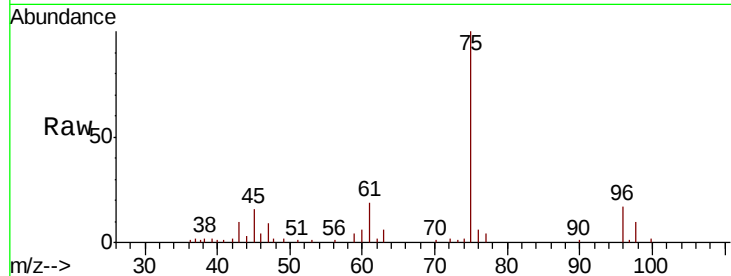
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 4791

Ion Ratio Lower Upper

43 100

72 13.8 14.9 44.7#



#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

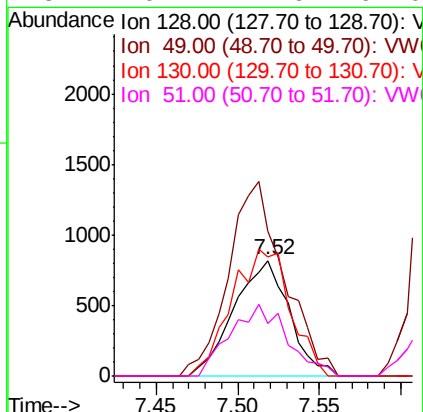
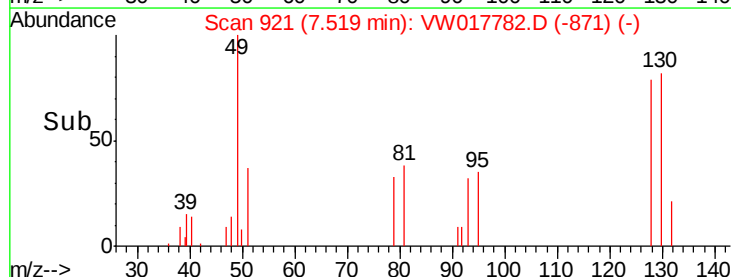
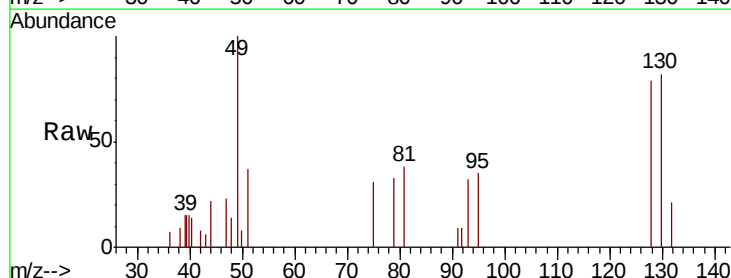
Ion Ratio Lower Upper

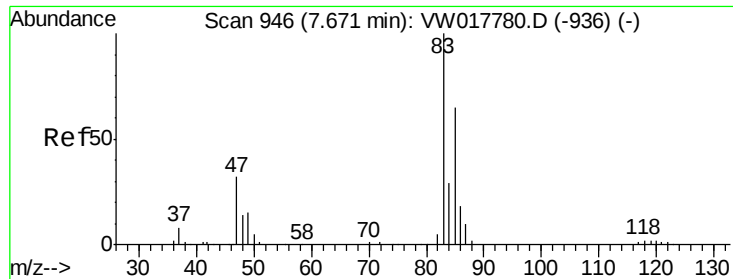
128 100

49 125.8 116.3 215.9

130 103.4 82.4 153.0

51 46.1 42.6 64.0

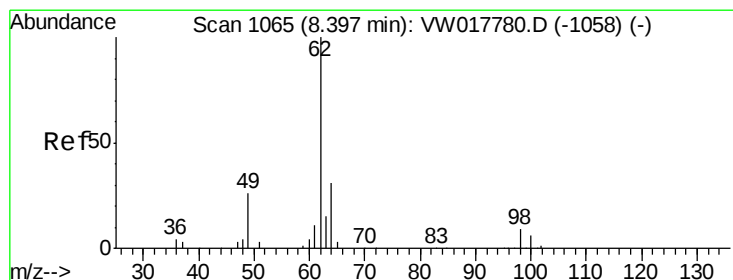
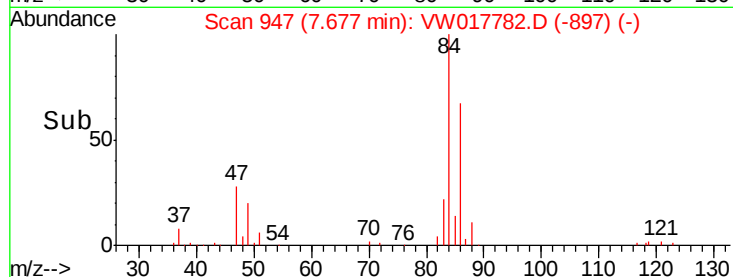
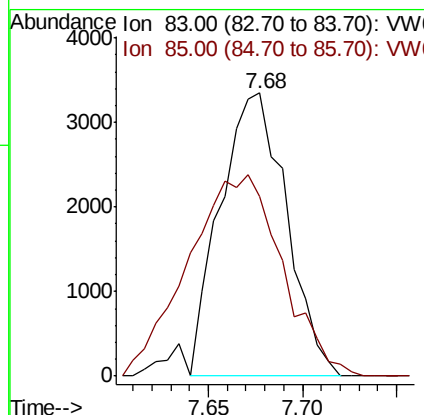
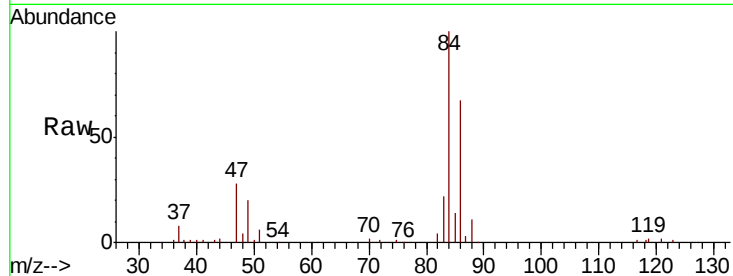




#25
Chloroform
Concen: 1.057 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

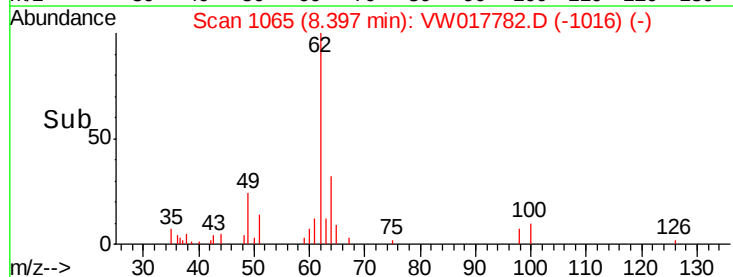
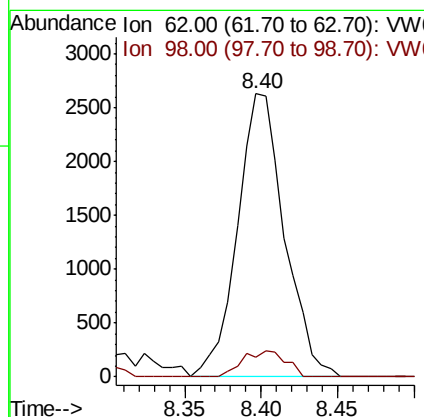
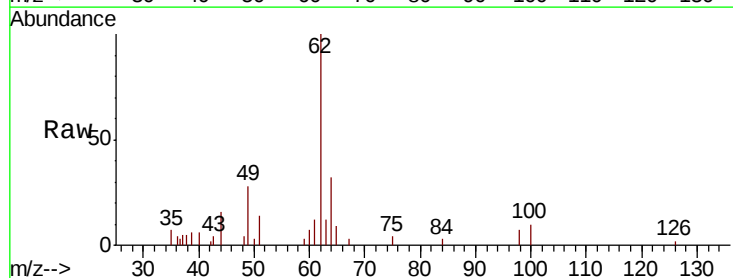
Instrument :
MSVOA_W
ClientSampleId :

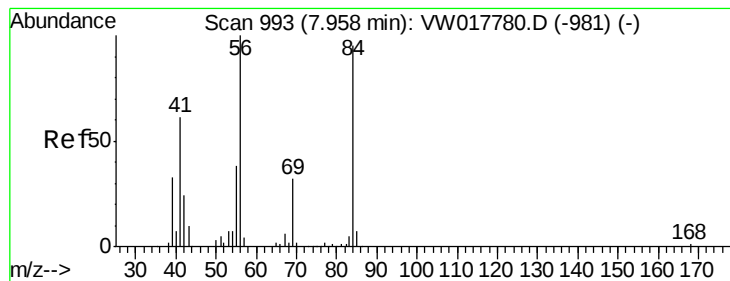
Tot Ion: 83 Resp: 8152
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8



#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#





#29

Cyclohexane

Concen: 0.913 ug/L m

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW017782.D

Acq: 30 Dec 2020 16:12

Instrument :

MSVOA_W

ClientSampleId :

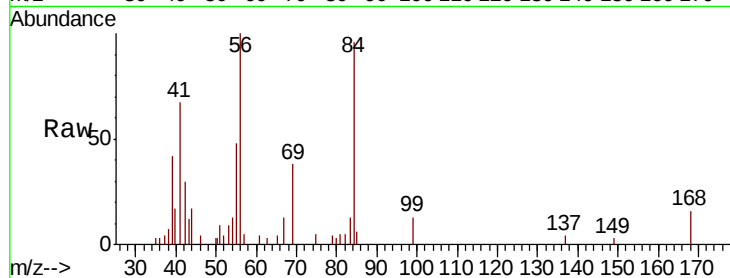
Tot Ion: 56 Resp: 5919

Ion Ratio Lower Upper

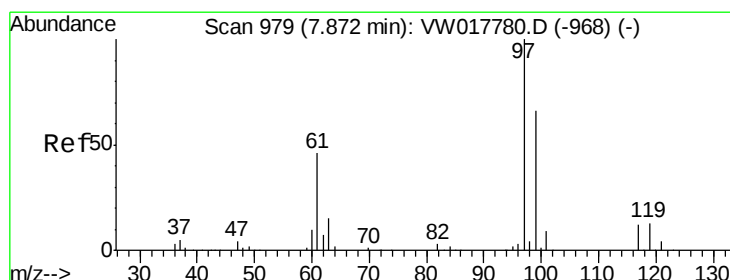
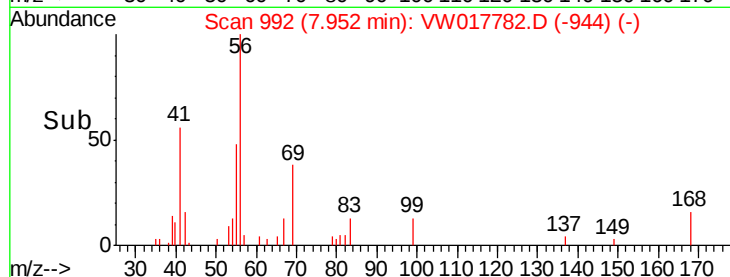
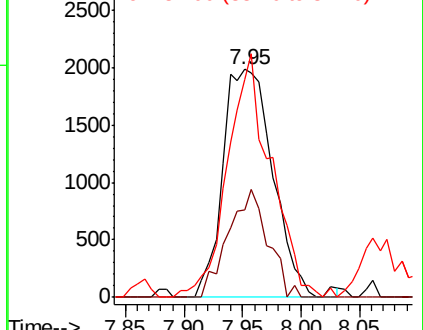
56 100

69 36.7 24.5 36.7

84 72.0 75.0 112.4#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#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

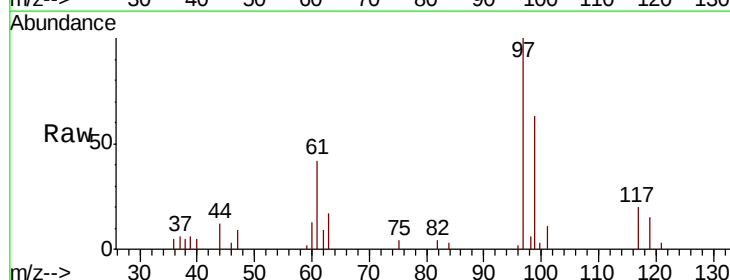
Tgt Ion: 97 Resp: 5632

Ion Ratio Lower Upper

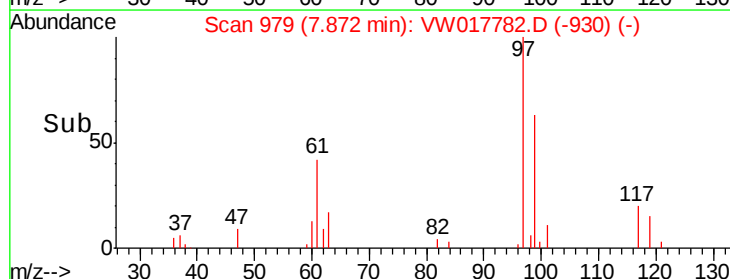
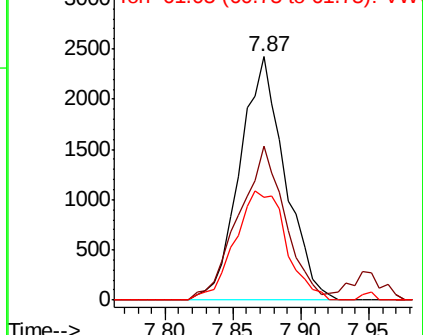
97 100

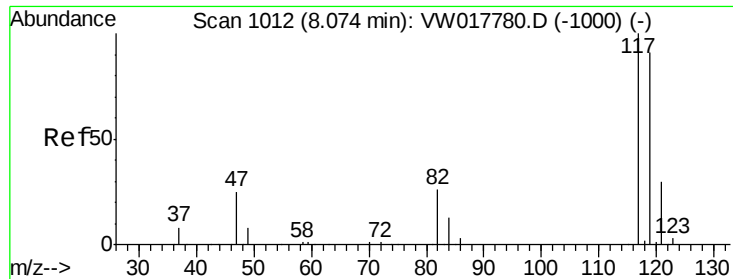
99 64.8 51.4 77.2

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

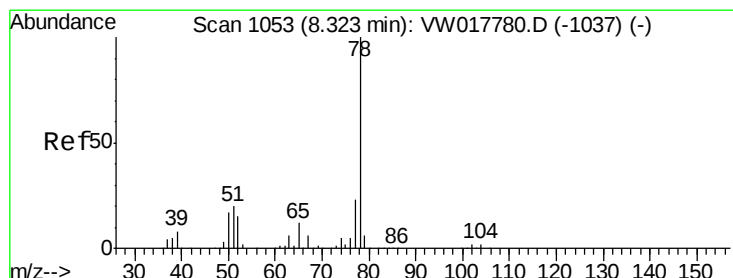
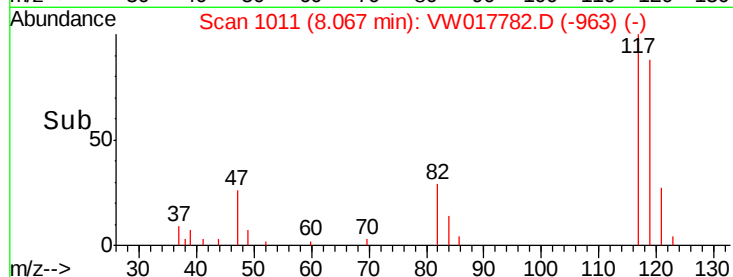
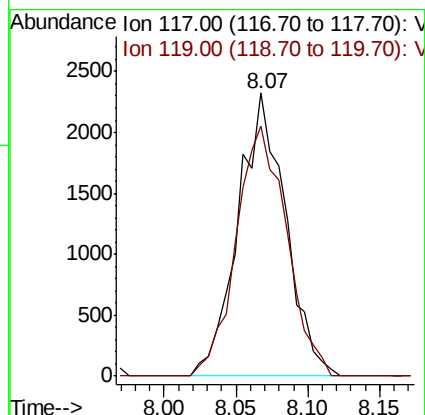
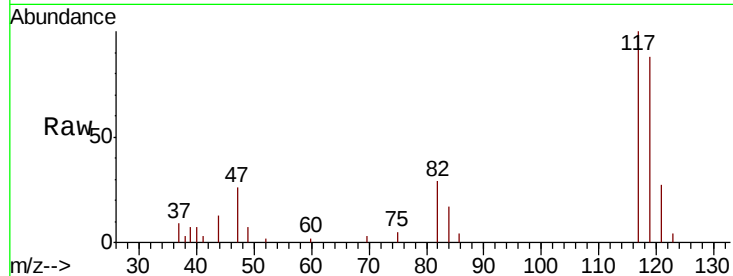




#31
Carbon tetrachloride
Concen: 0.891 ug/L
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

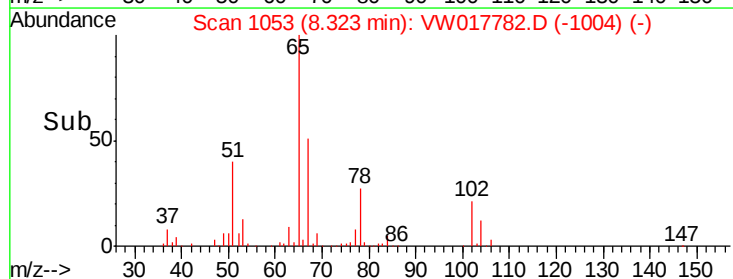
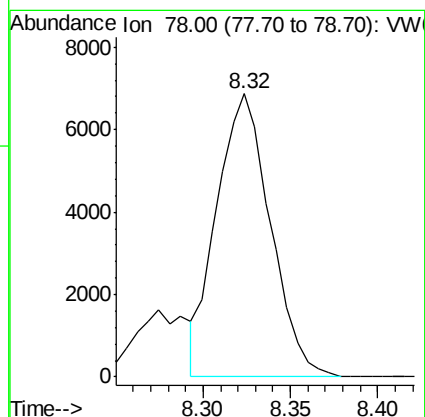
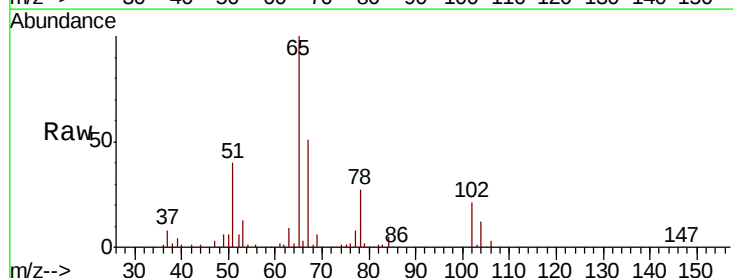
Instrument :
MSVOA_W
ClientSampled :

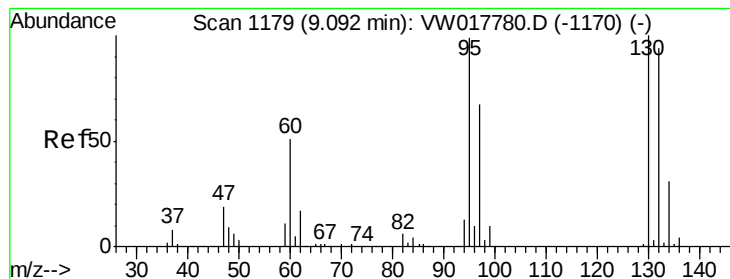
Tot Ion:117 Resp: 5313
Ion Ratio Lower Upper
117 100
119 93.8 76.5 114.7



#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

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

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 4125

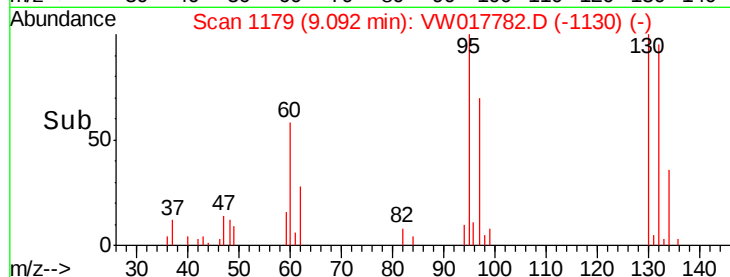
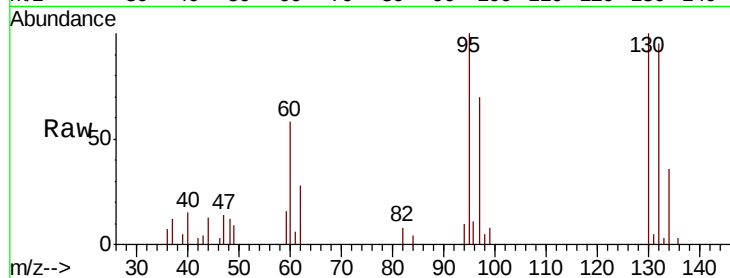
Ion Ratio Lower Upper

95 100

97 70.4 47.3 87.8

132 95.1 71.0 131.8

130 100.4 65.1 120.9

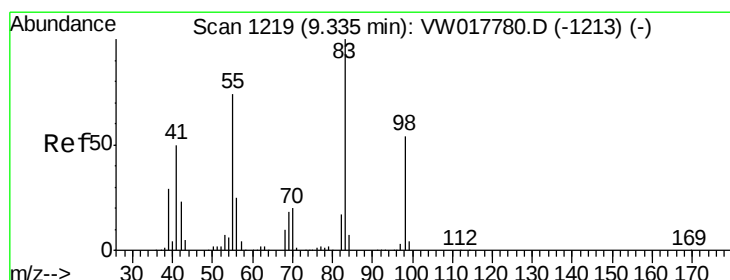
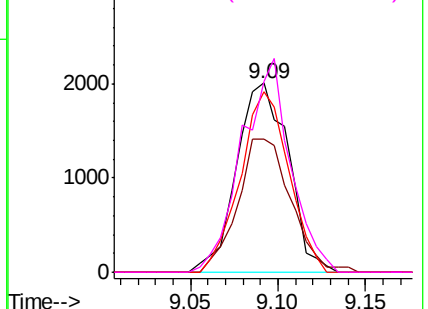


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#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

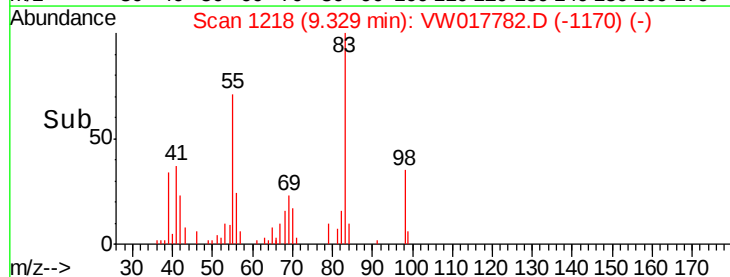
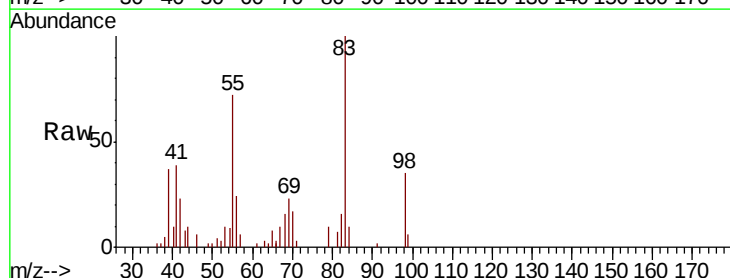
Tgt Ion: 83 Resp: 6340

Ion Ratio Lower Upper

83 100

55 77.7 58.9 88.3

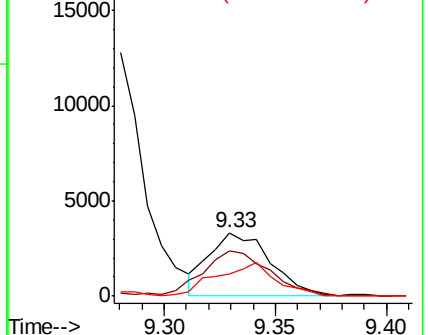
98 51.5 40.1 60.1

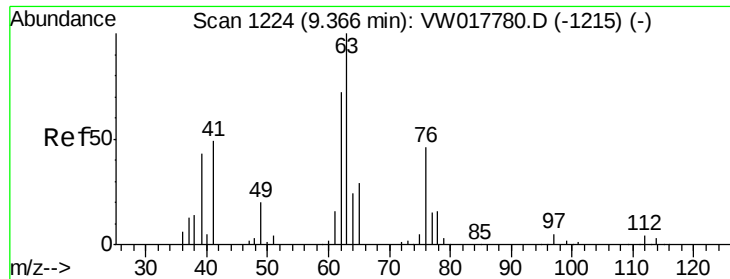


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

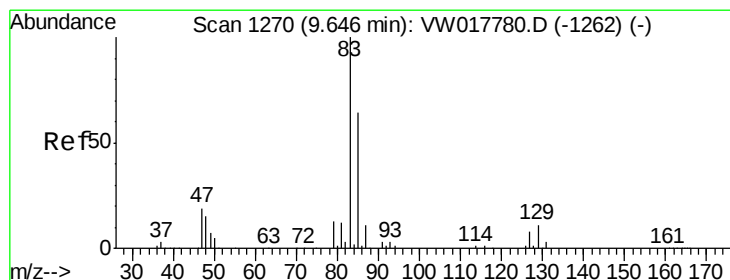
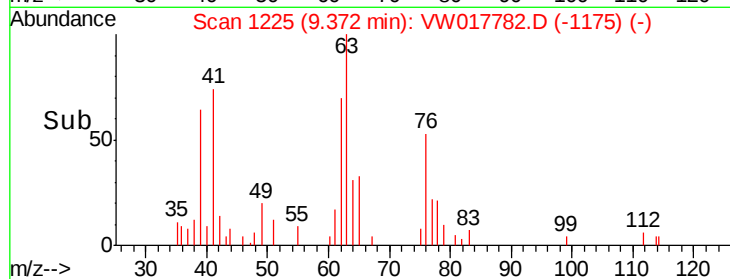
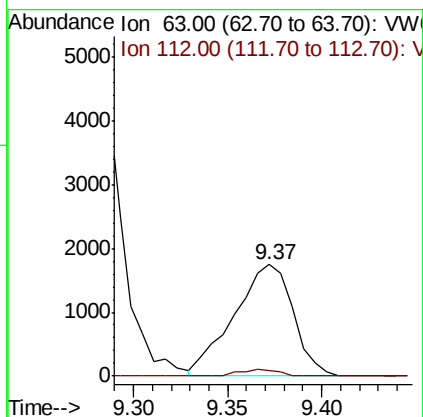
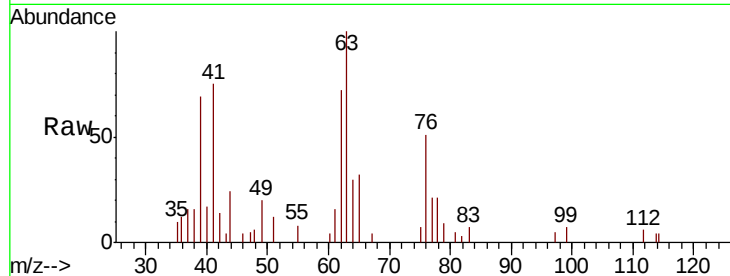




#37
 1,2-Dichloropropane
 Concen: 0.977 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

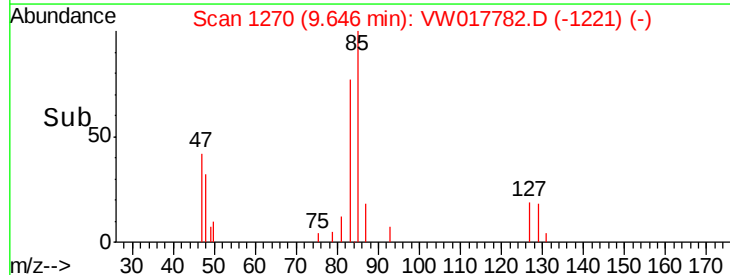
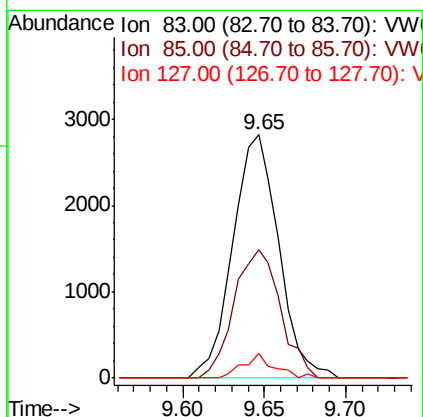
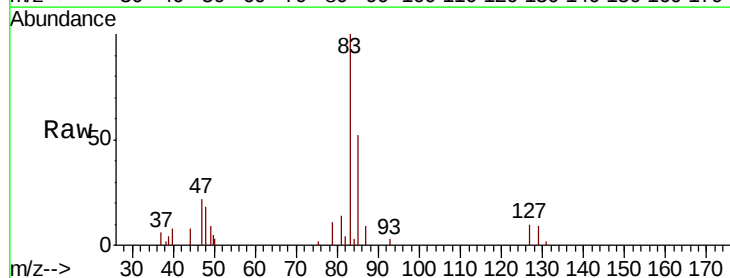
Instrument :
 MSVOA_W
 ClientSampled :

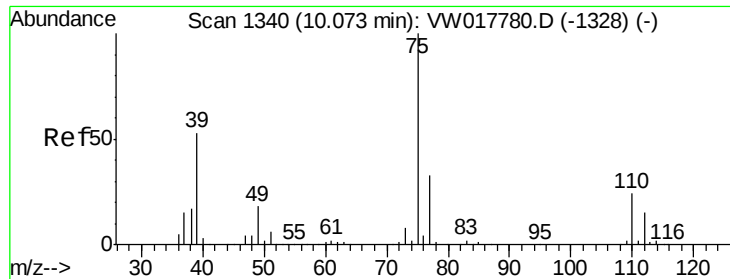
Tot Ion: 63 Resp: 3814
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.9 5.9



#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

Tgt Ion: 83 Resp: 5524
 Ion Ratio Lower Upper
 83 100
 85 52.5 42.3 78.5
 127 10.0 6.6 9.8#

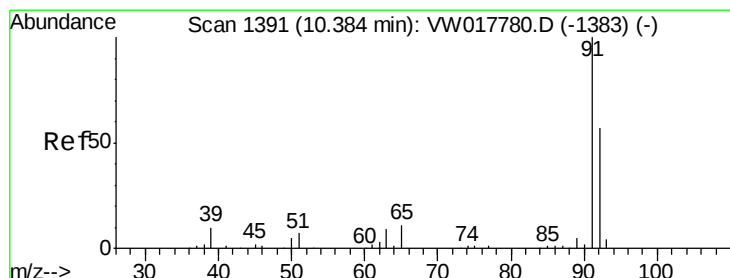
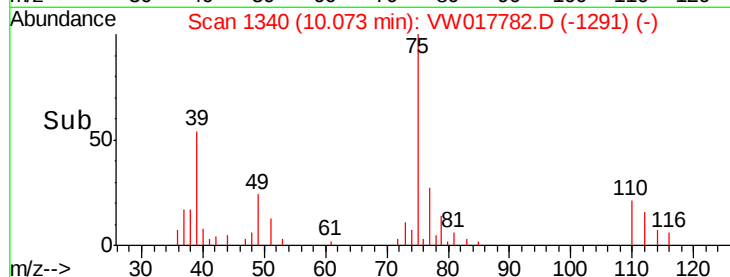
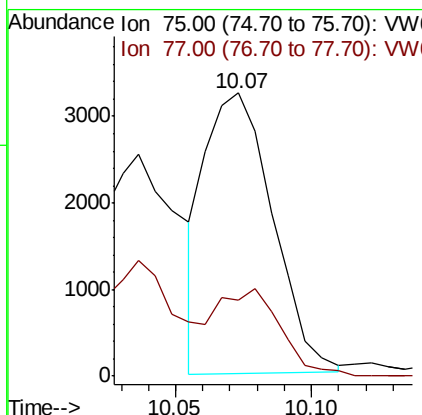
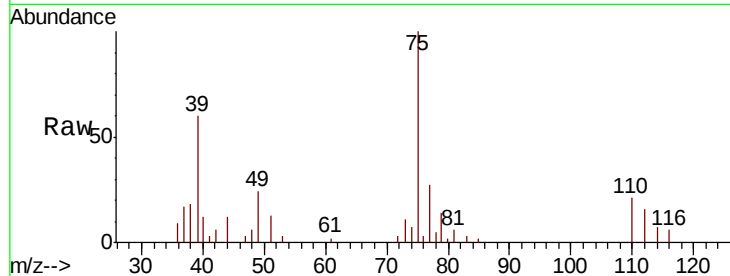




#39
 cis-1,3-Dichloropropene
 Concen: 0.895 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

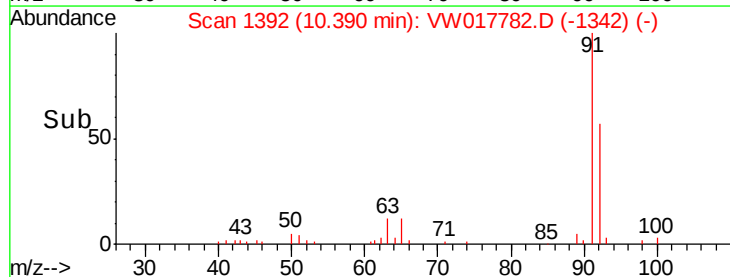
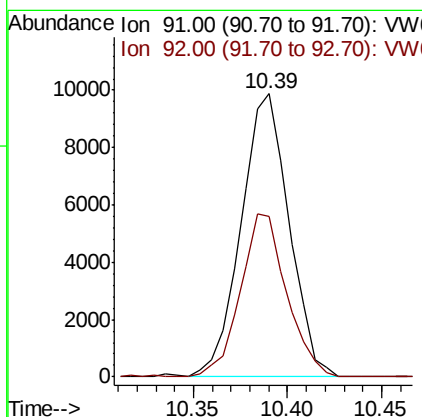
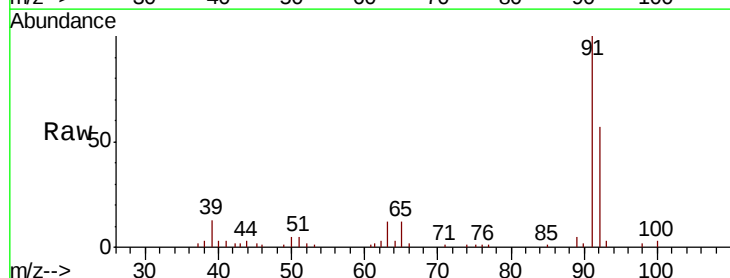
Instrument :
 MSVOA_W
 ClientSampled :

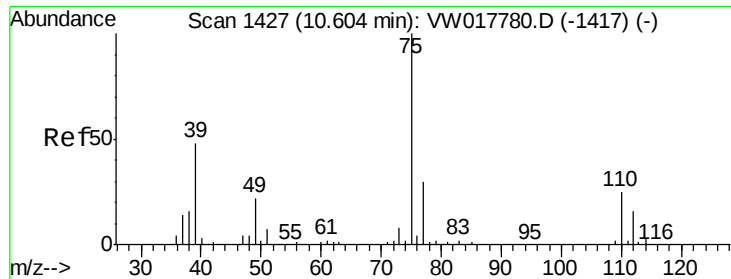
Tot Ion: 75 Resp: 5575
 Ion Ratio Lower Upper
 75 100
 77 26.8 22.6 42.0



#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

Tgt Ion: 91 Resp: 17425
 Ion Ratio Lower Upper
 91 100
 92 56.9 39.5 73.3





#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

Instrument :

MSVOA_W

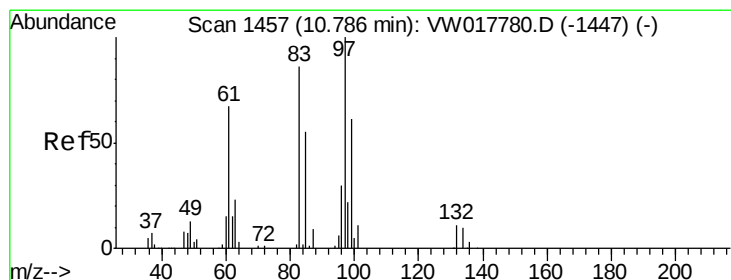
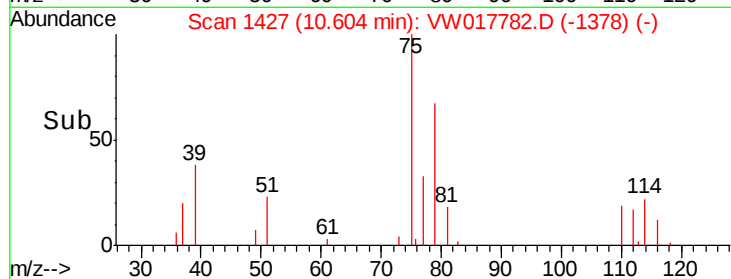
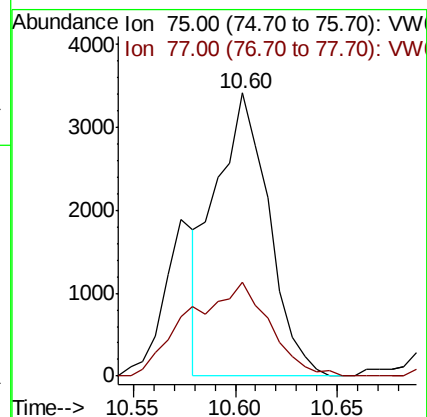
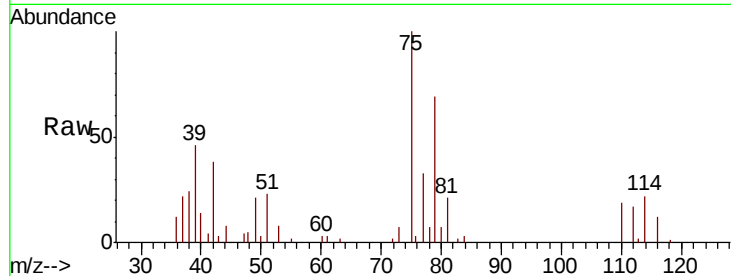
ClientSampleId :

Tot Ion: 75 Resp: 6222

Ion Ratio Lower Upper

75 100

77 33.2 21.1 39.1



#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

Tgt Ion: 97 Resp: 3249

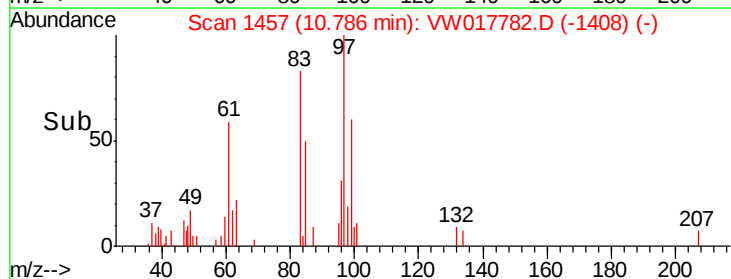
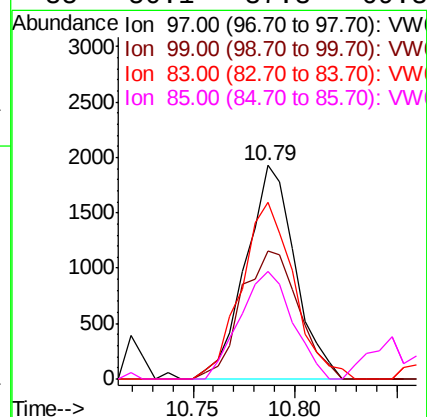
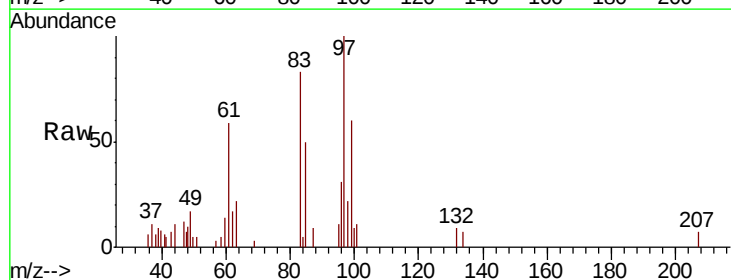
Ion Ratio Lower Upper

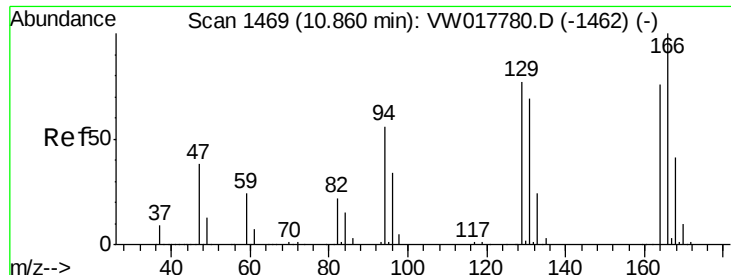
97 100

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

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 3201

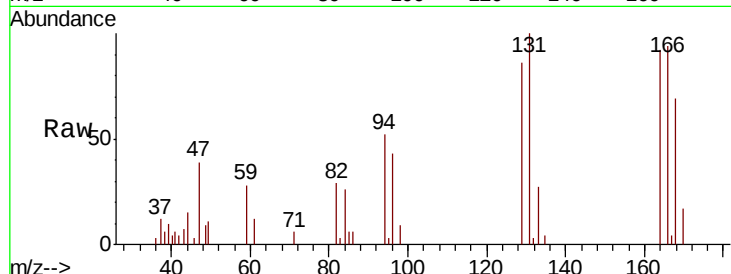
Ion Ratio Lower Upper

164 100

129 93.3 66.7 123.9

131 112.8 61.1 113.5

166 103.0 87.0 161.6

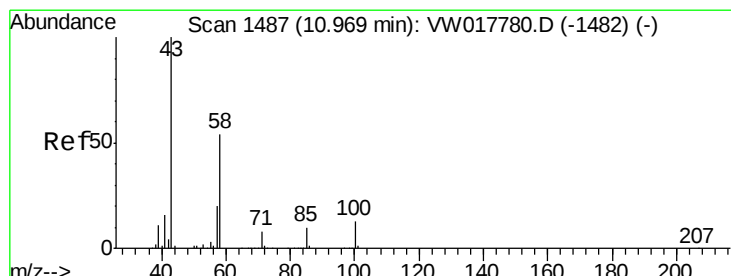
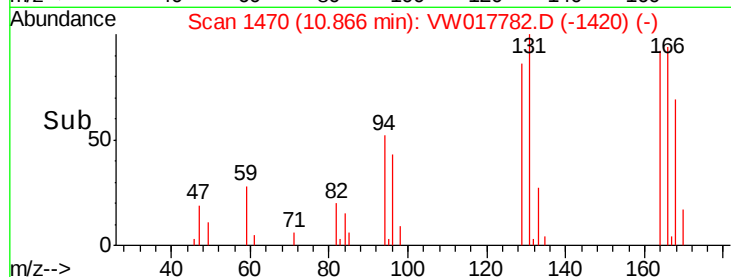
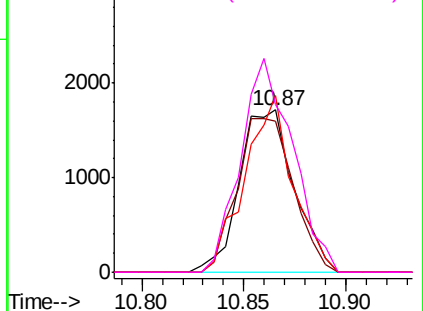


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#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

Tgt Ion: 43 Resp: 5056

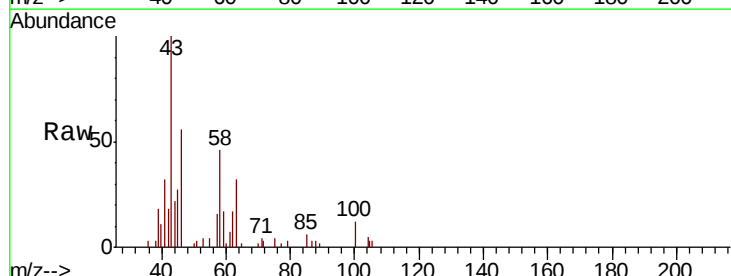
Ion Ratio Lower Upper

43 100

58 59.0 42.7 64.1

57 22.2 15.8 23.8

100 12.1 10.0 15.0

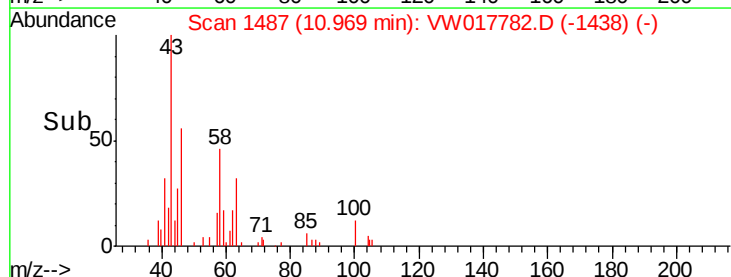
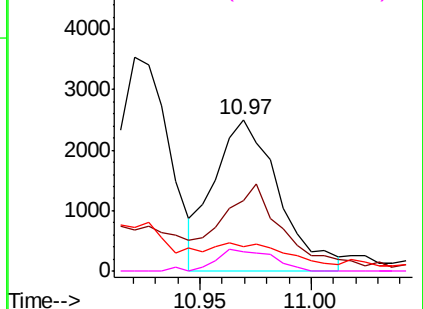


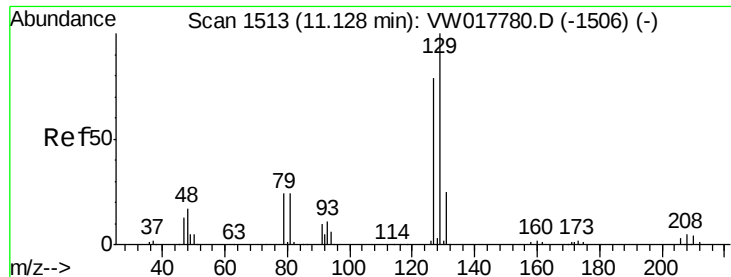
Abundance Ion 43.00 (42.70 to 43.70): VW

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

Instrument :

MSVOA_W

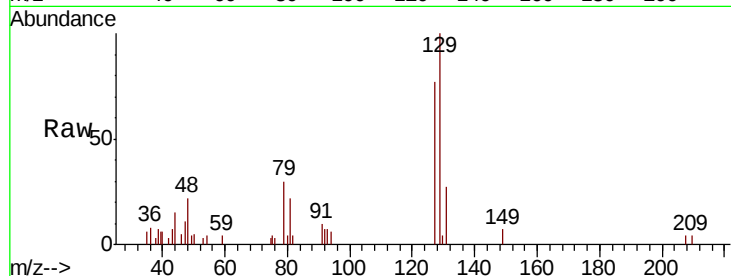
ClientSampleId :

Tot Ion:129 Resp: 3379

Ion Ratio Lower Upper

129 100

127 76.9 51.7 95.9



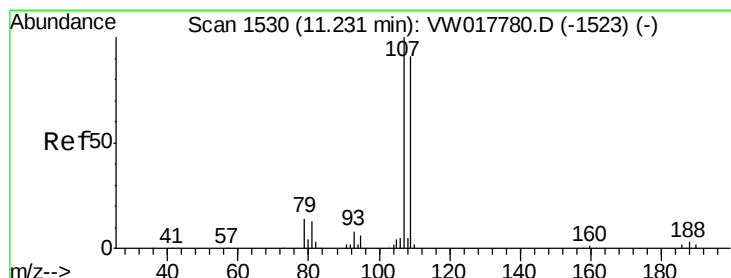
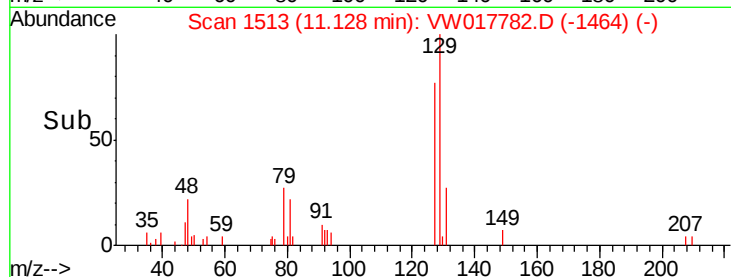
Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

11.13

11.15

Time-->



#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

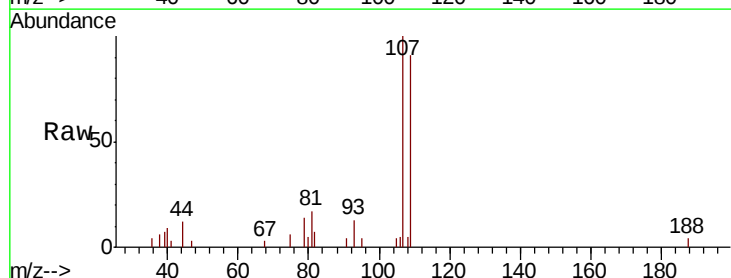
Tgt Ion:107 Resp: 3161

Ion Ratio Lower Upper

107 100

109 91.4 65.4 121.4

188 4.0 2.6 4.0#



Abundance Ion 107.00 (106.70 to 107.70): V

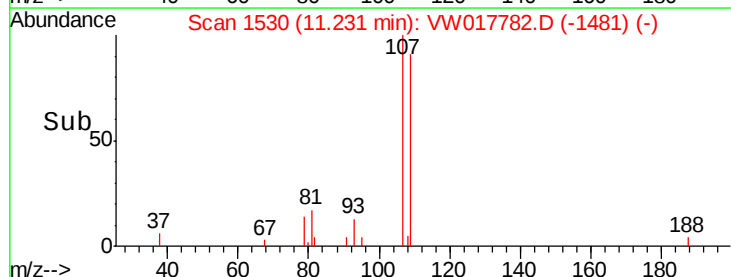
Ion 109.00 (108.70 to 109.70): V

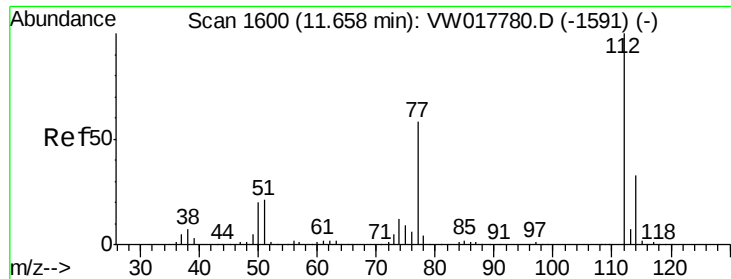
Ion 188.00 (187.70 to 188.70): V

11.23

11.25

Time-->

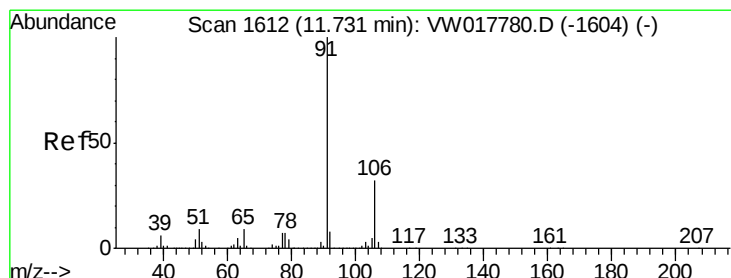
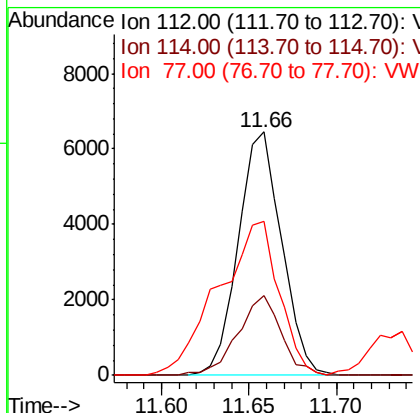
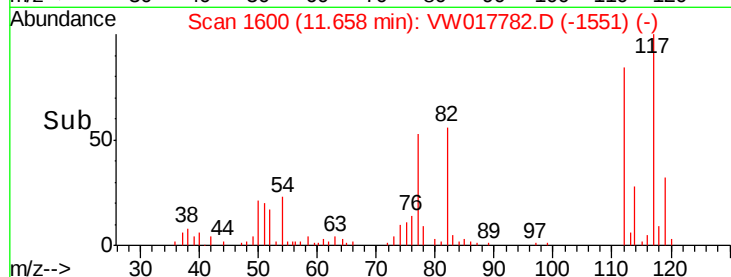
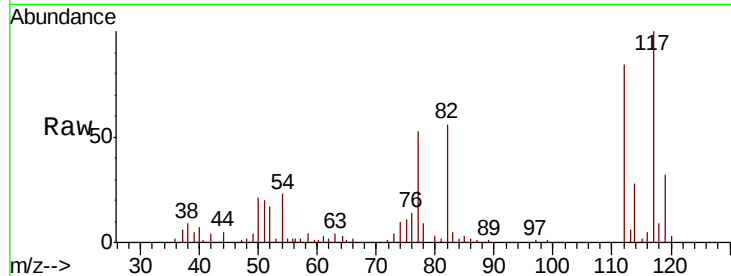




#51
Chlorobenzene
Concen: 0.960 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

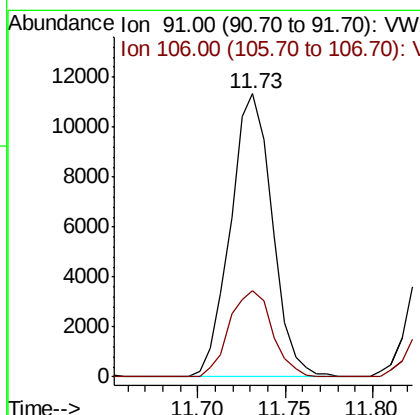
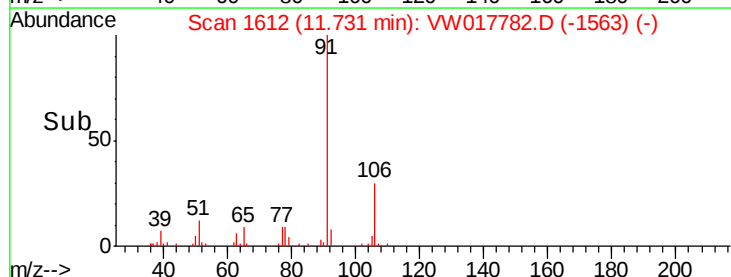
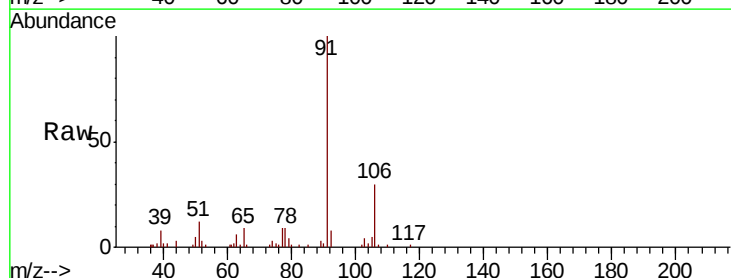
Instrument :
MSVOA_W
ClientSampleId :

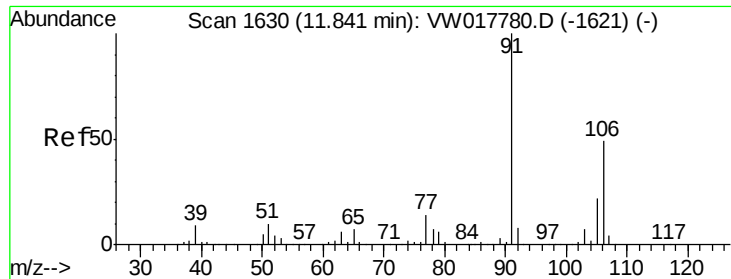
Tot Ion: 112 Resp: 11124
Ion Ratio Lower Upper
112 100
114 32.8 23.4 43.6
77 63.2 47.6 71.4



#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

Tgt Ion: 91 Resp: 18864
Ion Ratio Lower Upper
91 100
106 30.5 22.5 41.7

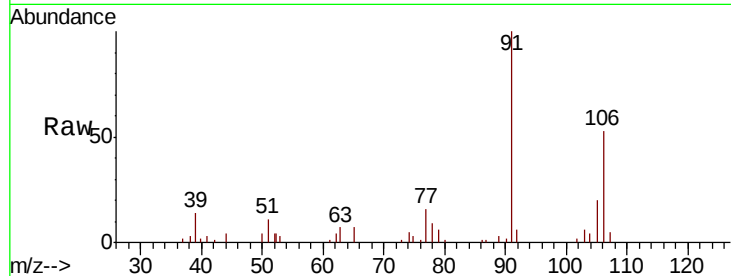




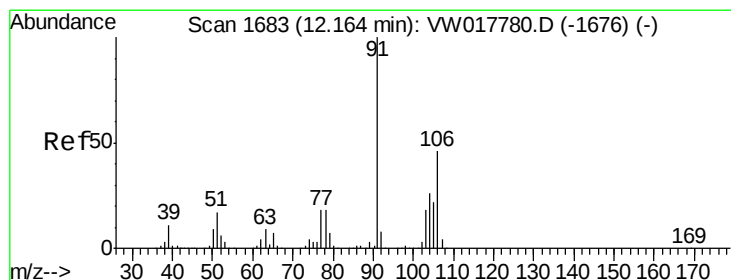
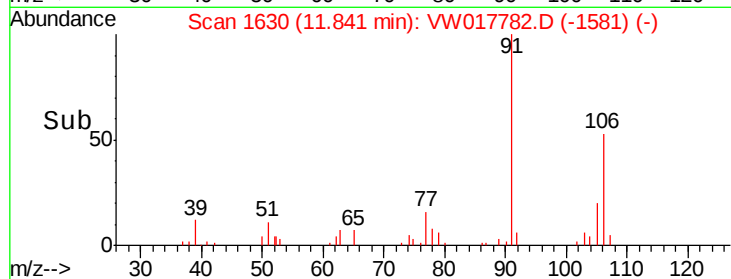
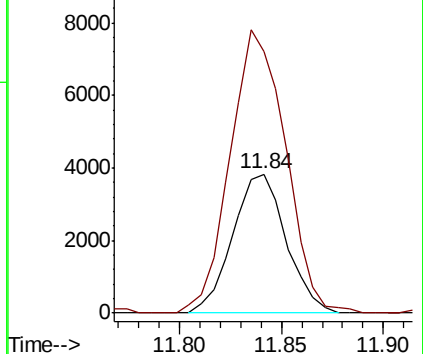
#53
m,p-Xylene
Concen: 0.866 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 6992
Ion Ratio Lower Upper
106 100
91 188.7 141.3 262.3

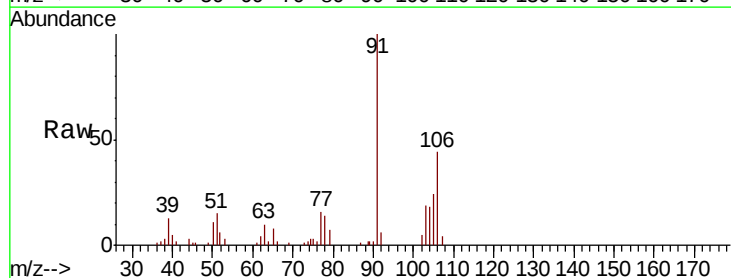


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

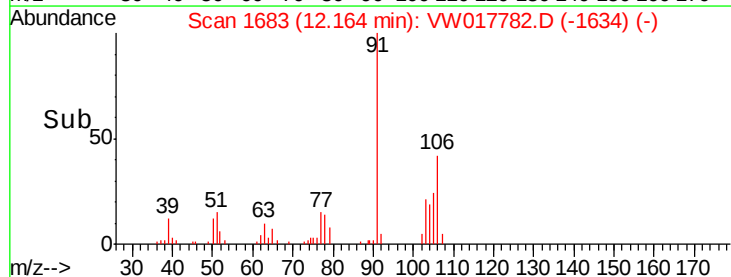
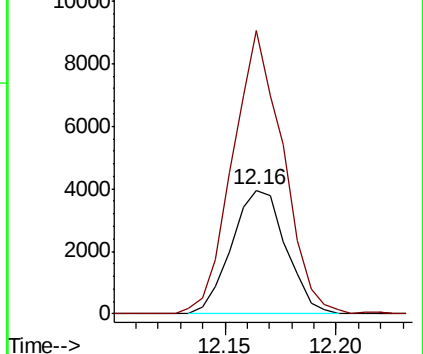


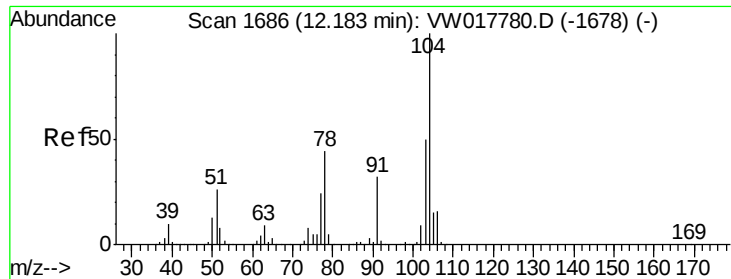
#54
o-Xylene
Concen: 0.878 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

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



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#55

Stvrene

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

Instrument :

MSVOA_W

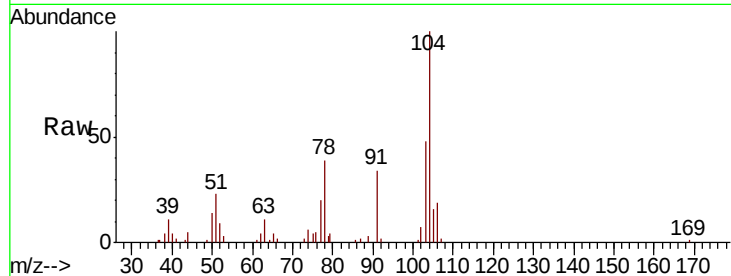
ClientSampled :

Tot Ion:104 Resp: 10308

Ion Ratio Lower Upper

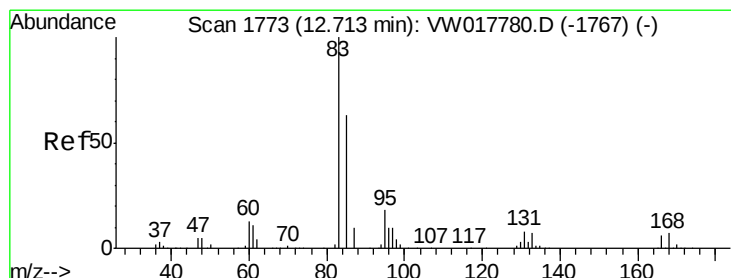
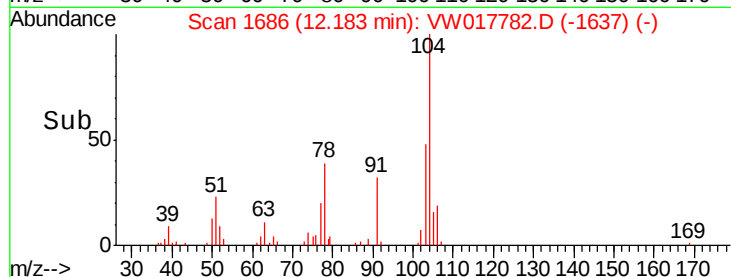
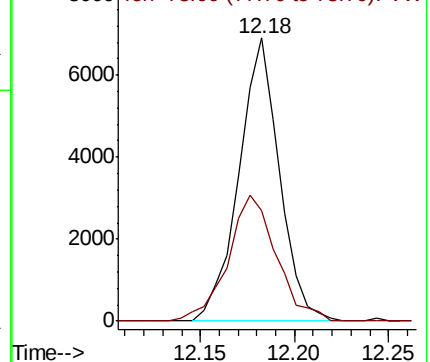
104 100

78 39.1 32.5 60.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



#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

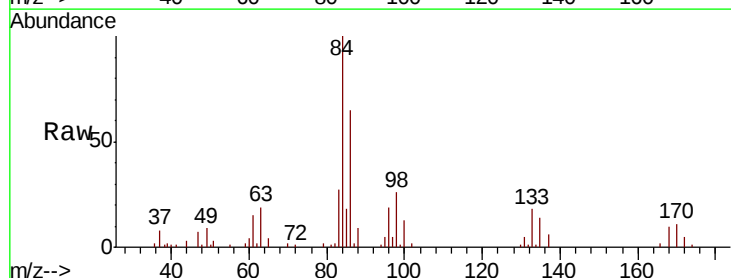
Tgt Ion: 83 Resp: 4631

Ion Ratio Lower Upper

83 100

85 67.4 44.4 82.4

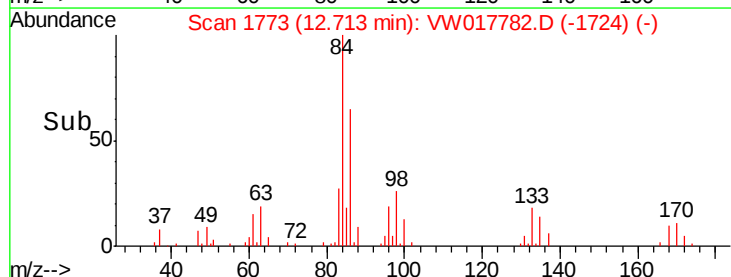
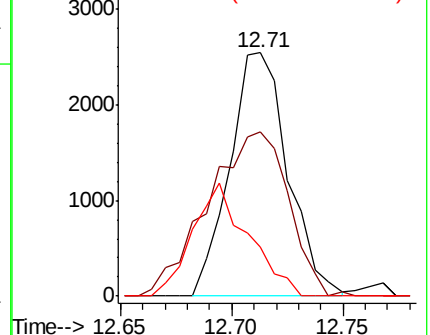
131 20.1 8.2 12.4#

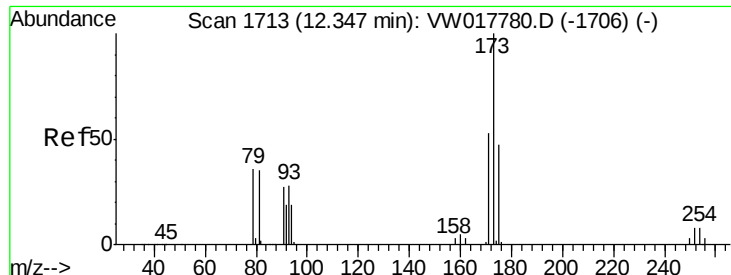


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#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

Instrument :

MSVOA_W

ClientSampleId :

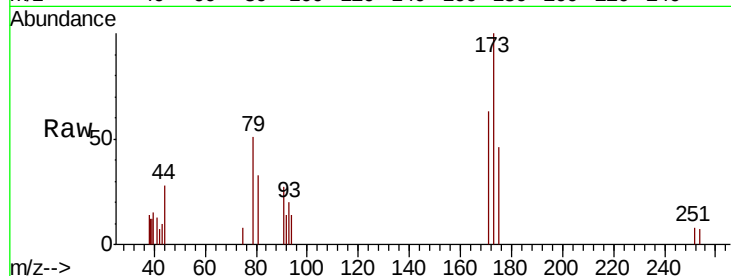
Tot Ion:173 Resp: 1462

Ion Ratio Lower Upper

173 100

175 53.9 37.5 56.3

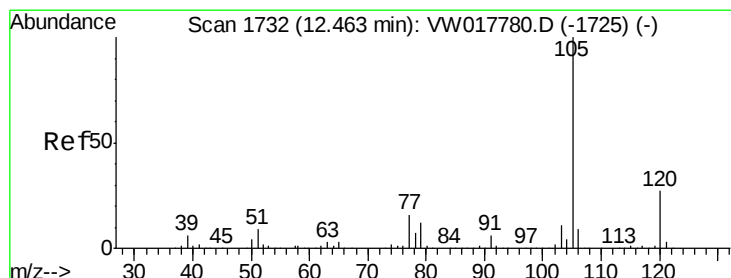
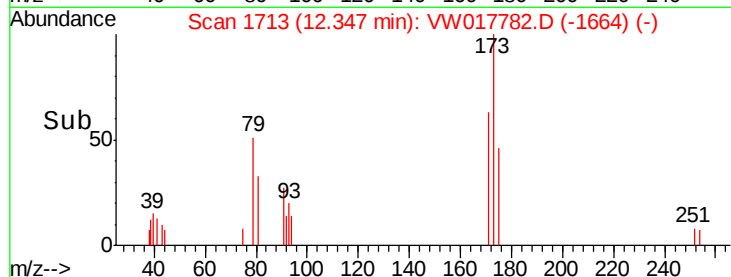
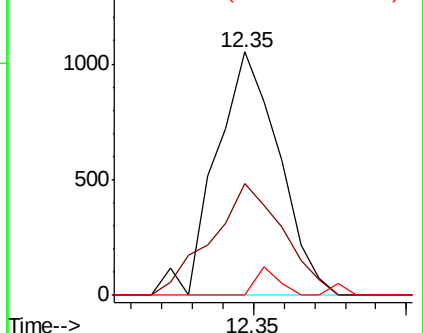
254 4.3 7.0 10.4#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#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

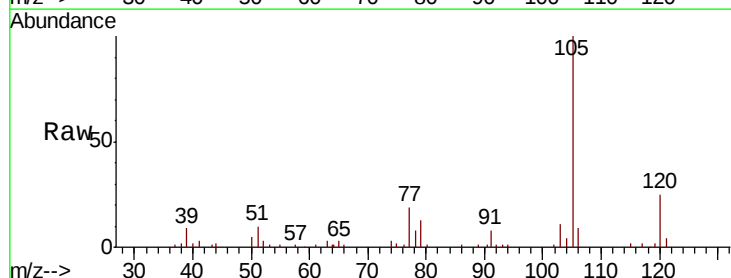
Tgt Ion:105 Resp: 17733

Ion Ratio Lower Upper

105 100

120 24.7 21.1 31.7

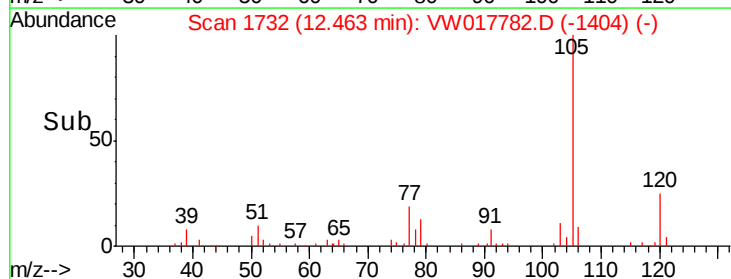
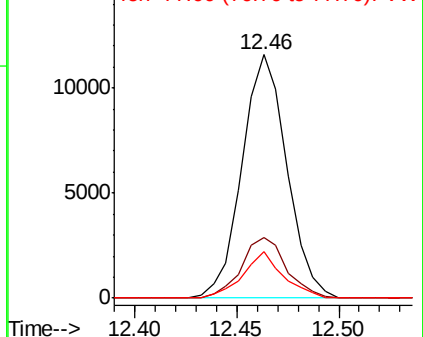
77 17.2 13.2 19.8

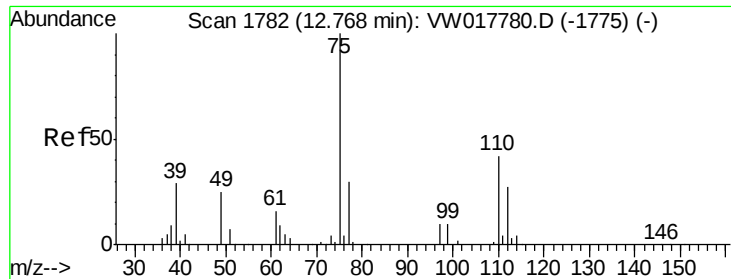


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

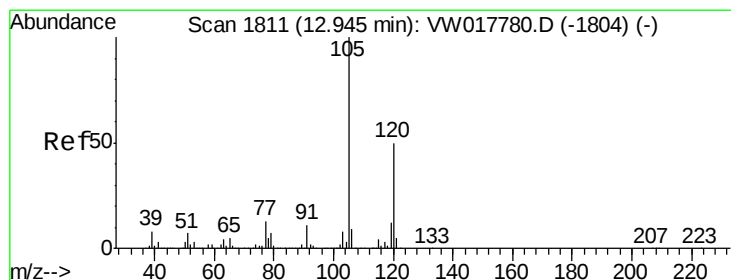
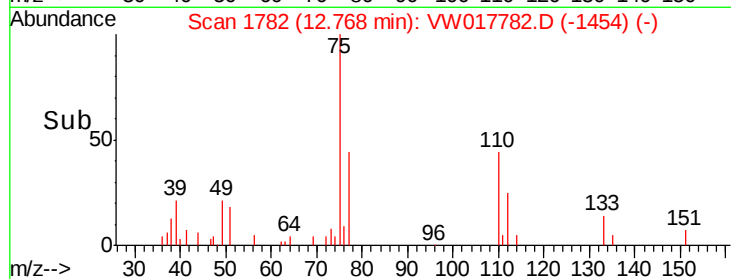
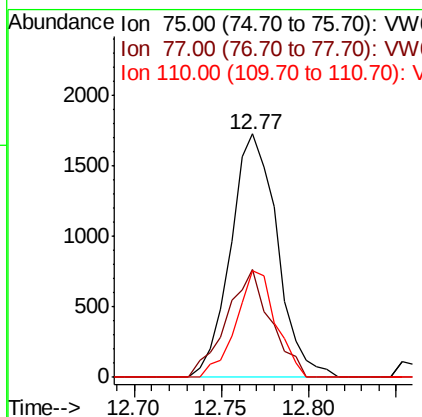
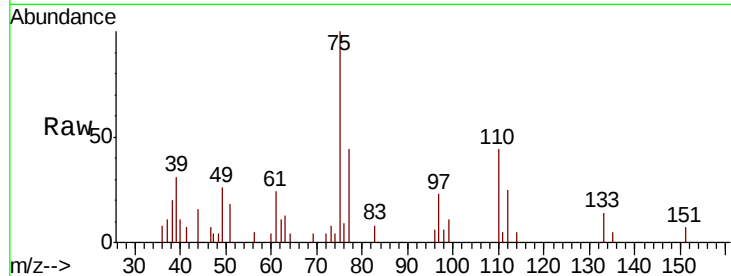




#61
 1,2,3-Trichloropropane
 Concen: 1.053 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

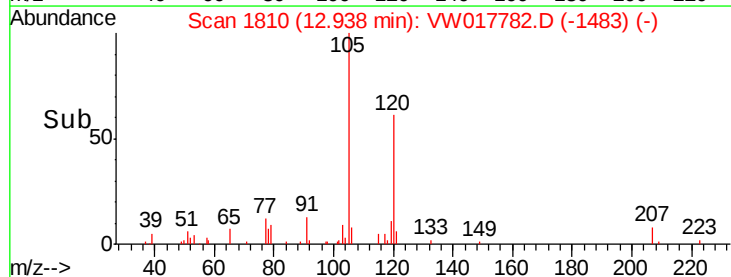
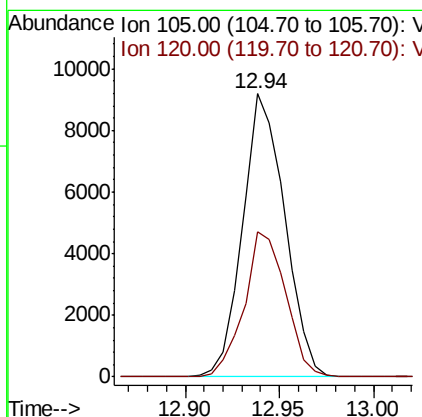
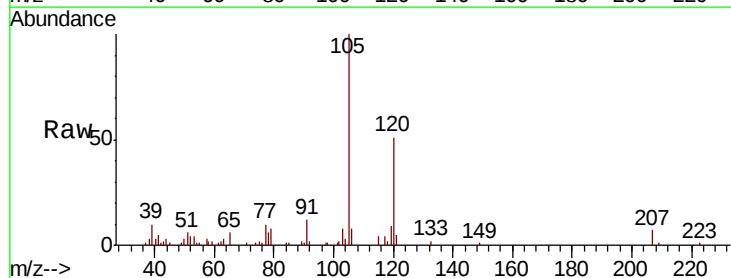
Instrument :
 MSVOA_W
 ClientSampleId :

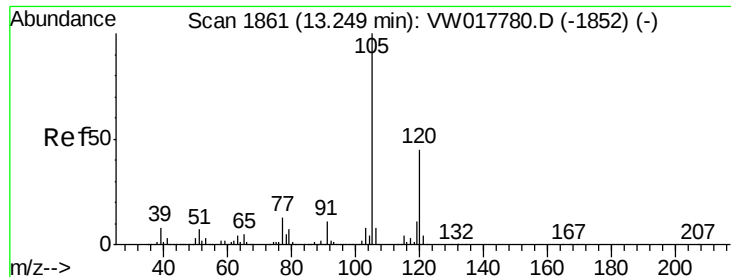
Tot Ion: 75 Resp: 3206
 Ion Ratio Lower Upper
 75 100
 77 42.1 25.3 37.9#
 110 37.3 32.6 48.8



#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

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

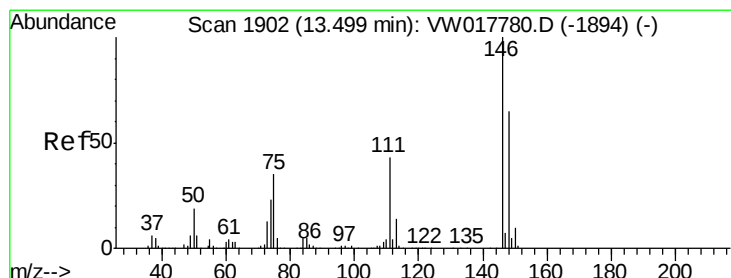
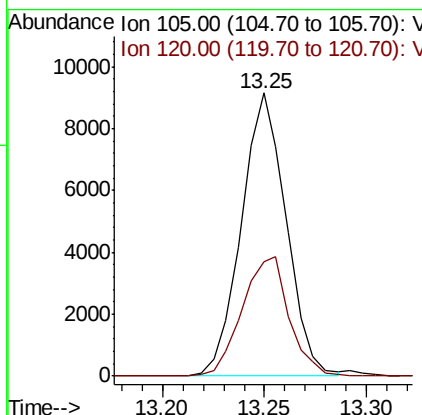
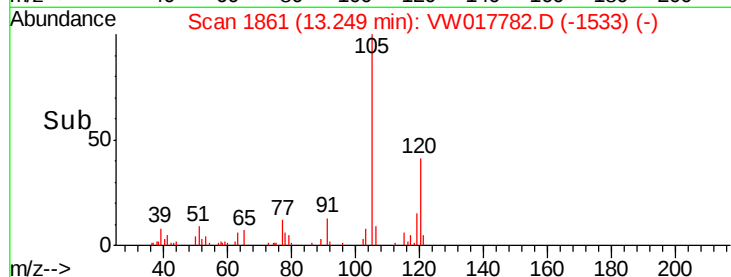
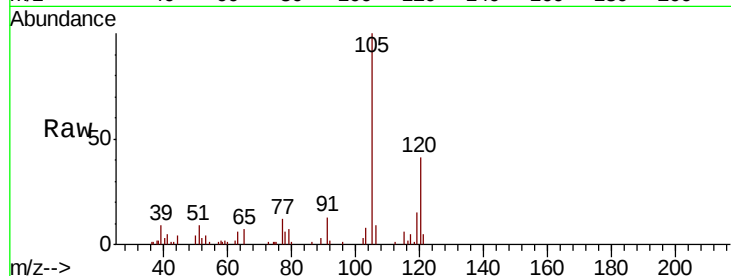




#63
 1,2,4-Trimethylbenzene
 Concen: 0.852 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

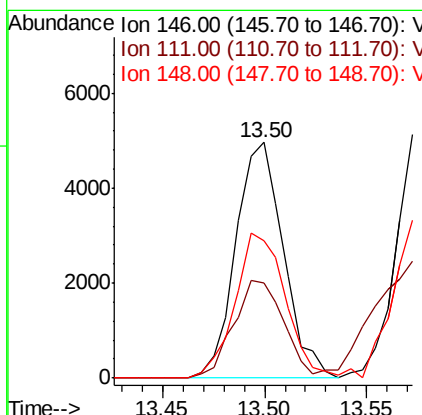
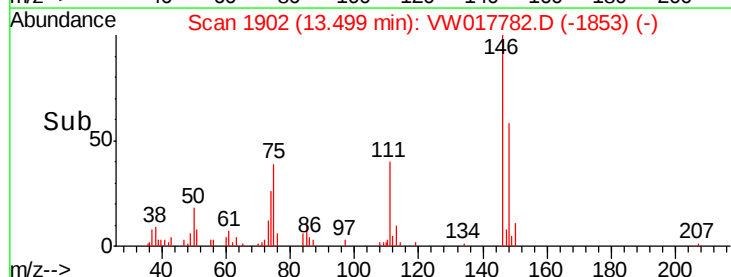
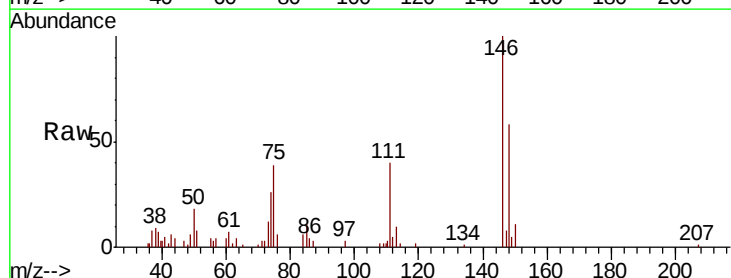
Instrument :
 MSVOA_W
 ClientSampled :

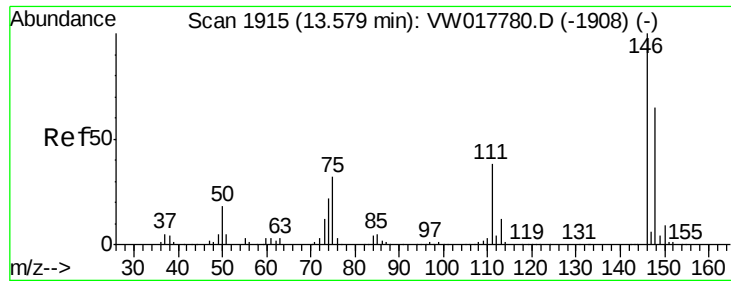
Tot Ion:105 Resp: 13956
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.6 53.4



#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

Tgt 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

Instrument :

MSVOA_W

ClientSampleId :

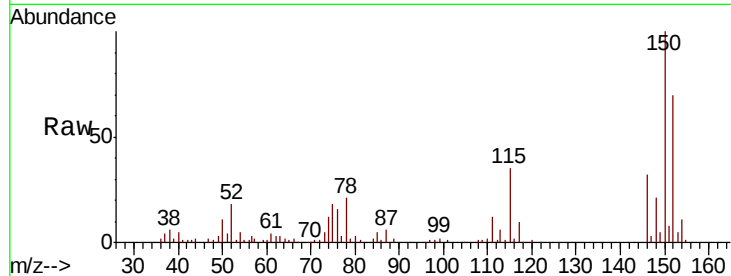
Tot Ion:146 Resp: 8808

Ion Ratio Lower Upper

146 100

111 38.6 28.8 53.4

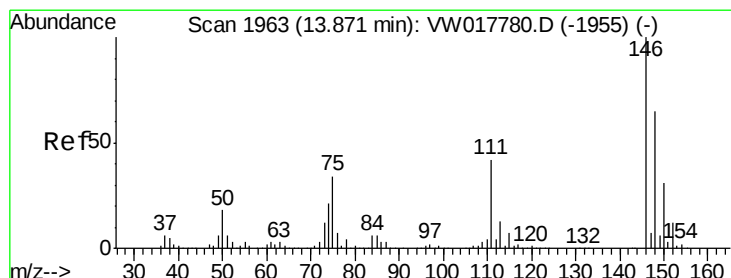
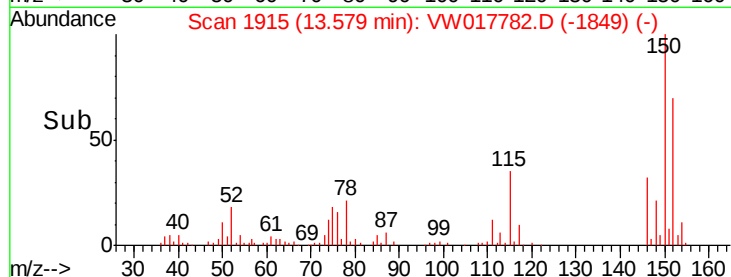
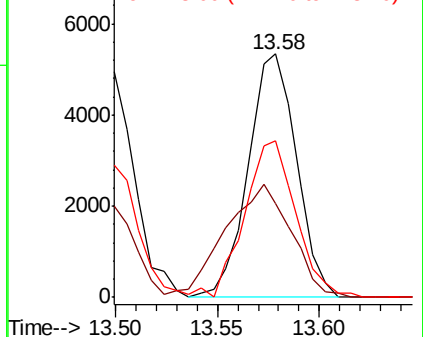
148 64.6 46.8 87.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#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

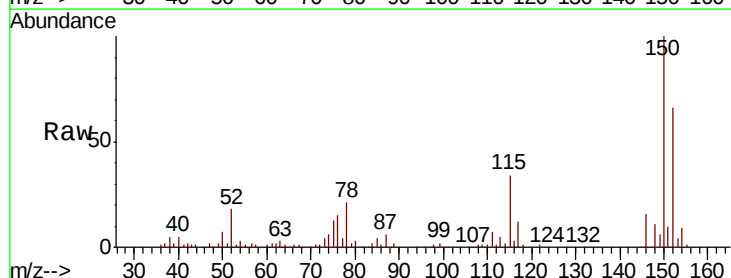
Tgt Ion:146 Resp: 7999

Ion Ratio Lower Upper

146 100

111 42.1 33.2 49.8

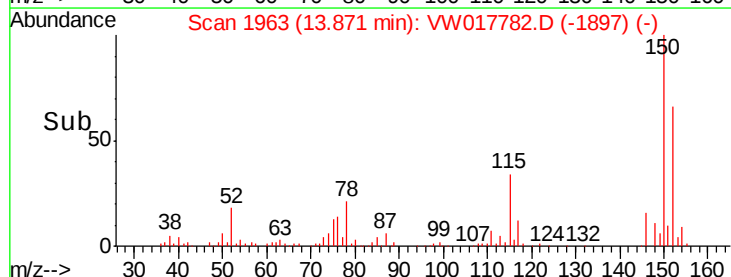
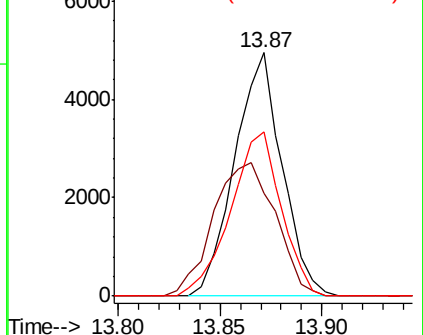
148 67.2 50.4 75.6

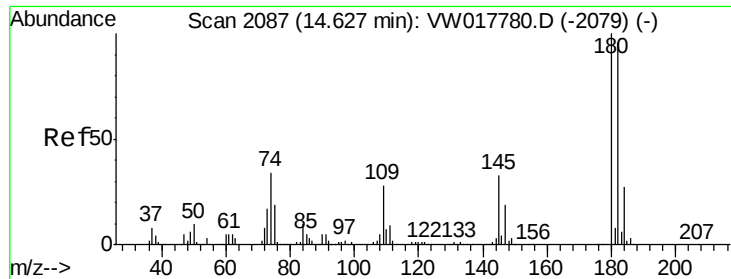


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

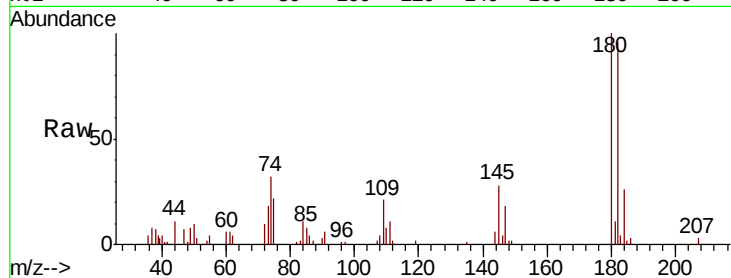




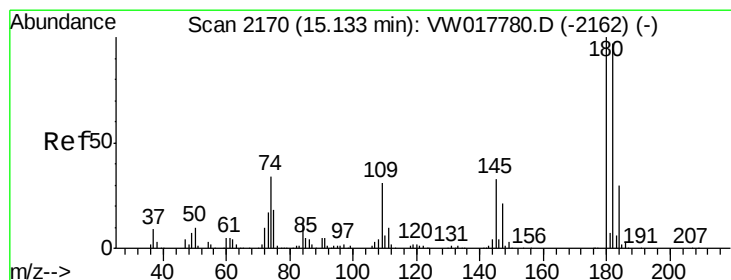
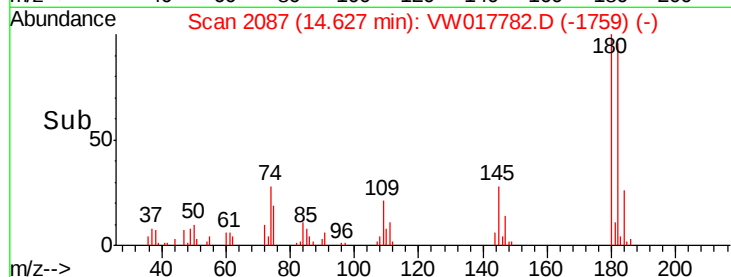
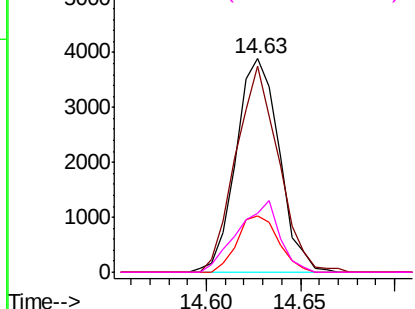
#69
 1,3,5-Trichlorobenzene
 Concen: 1.049 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

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	

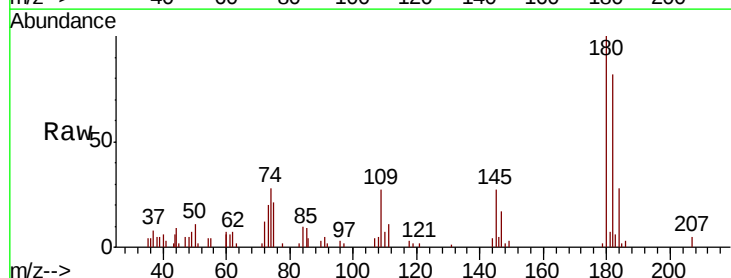


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

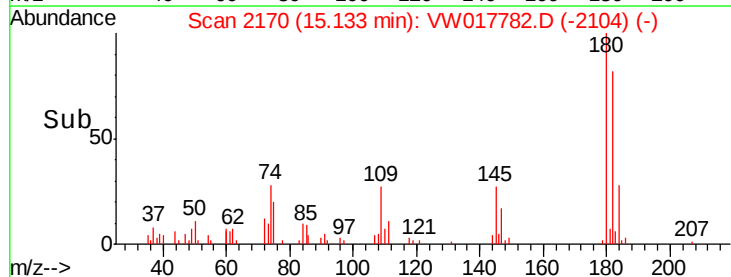
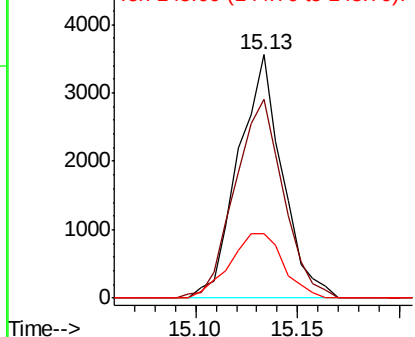


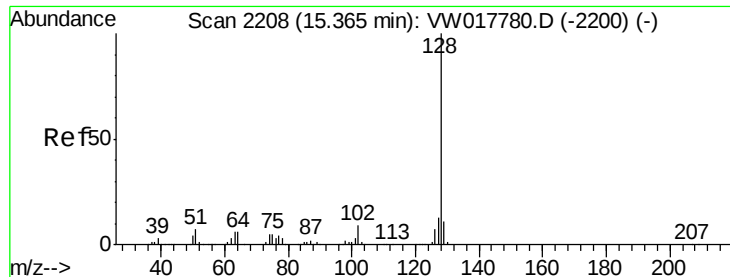
#70
 1,2,4-trichlorobenzene
 Concen: 1.042 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017782.D
 Acq: 30 Dec 2020 16:12

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

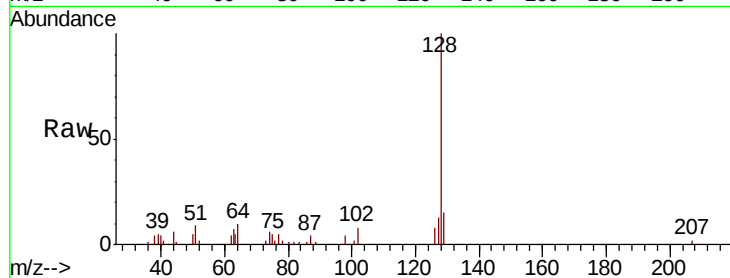




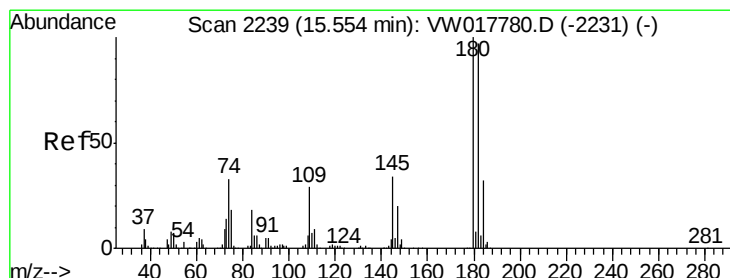
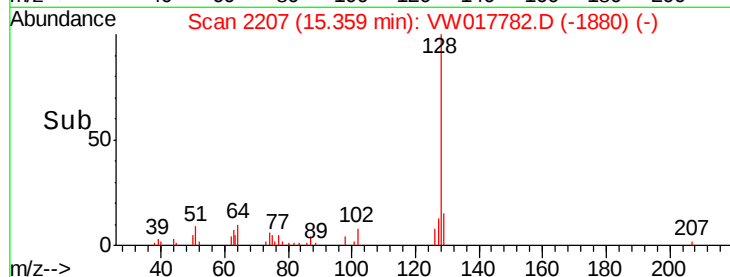
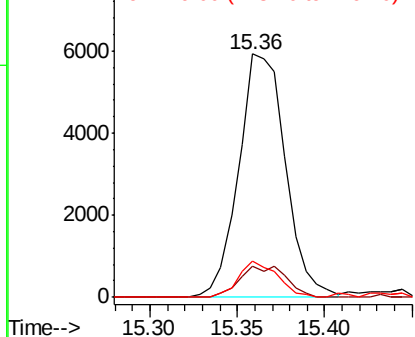
#71
Naphthalene
Concen: 0.934 ug/L
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW017782.D
Acq: 30 Dec 2020 16:12

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

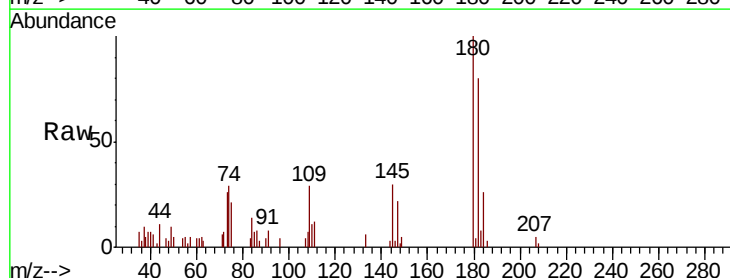


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#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

