

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122820\
 Data File : VW017763.D
 Acq On : 28 Dec 2020 14:33
 Operator : SY/VA
 Sample : VW1228SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK103

Quant Time: Dec 29 04:12:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 29 04:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306122	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	150579	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127865	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
7) Chloroethane-d5	2.89	69	109532	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	4.02	63	180591	19.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.04%
21) 2-Butanone-d5	7.07	46	62188	53.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.02%
24) Chloroform-d	7.65	84	241655	25.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	8.31	65	142793	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	8.27	84	480398	27.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.72%
36) 1,2-Dichloropropane-d6	9.27	67	138594	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.04%
41) Toluene-d8	10.32	98	451778	27.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	10.58	79	63955	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.24%
47) 2-Hexanone-d5	10.93	63	44939	55.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.64%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	115670	26.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.48%
66) 1,2-Dichlorobenzene-d4	13.85	152	153803	29.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.76%

Target Compounds

					Ovalue
3) Chloromethane	2.21	50	1335	0.393 ug/L	93
5) Vinyl chloride	2.36	62	1918	0.338 ug/L #	1
6) Bromomethane	2.78	94	1323	0.276 ug/L	92
27) 1,2-Dichloroethane	8.40	62	1769	0.291 ug/L #	76
44) trans-1,3-Dichloropropene	10.58	75	4148	0.633 ug/L	86
48) 2-Hexanone	10.98	43	4231	2.300 ug/L	90
62) 1,3,5-Trimethylbenzene	12.94	105	5382	0.300 ug/L	100
63) 1,2,4-Trimethylbenzene	13.26	105	5876	0.326 ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	3702	0.390 ug/L	91
65) 1,4-Dichlorobenzene	13.58	146	4189	0.442 ug/L	91
67) 1,2-Dichlorobenzene	13.87	146	3512	0.405 ug/L #	59
68) 1,2-Dibromo-3-chloropropan	14.61	75	1012	1.463 ug/L #	10
69) 1,3,5-Trichlorobenzene	15.13	180	3814	0.593 ug/L	94
70) 1,2,4-trichlorobenzene	15.13	180	3814	0.686 ug/L	97
71) Naphthalene	15.36	128	8197	0.685 ug/L	98
72) 1,2,3-Trichlorobenzene	15.55	180	3411	0.692 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122820\
Data File : VW017763.D
Acq On : 28 Dec 2020 14:33
Operator : SY/VA
Sample : VW1228SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK103

Quant Time: Dec 29 04:12:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 29 04:12:02 2020
Response via : Initial Calibration

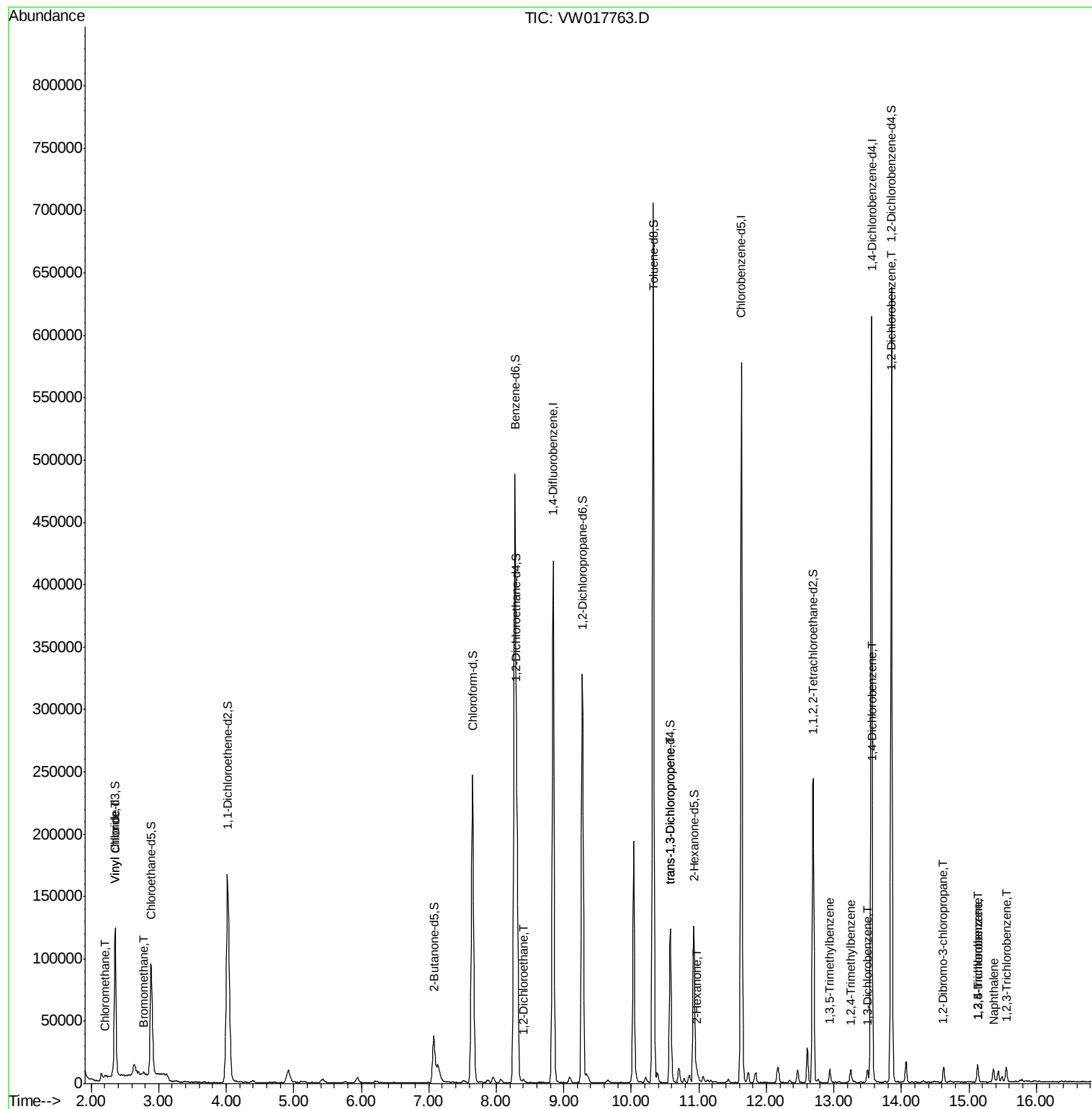
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

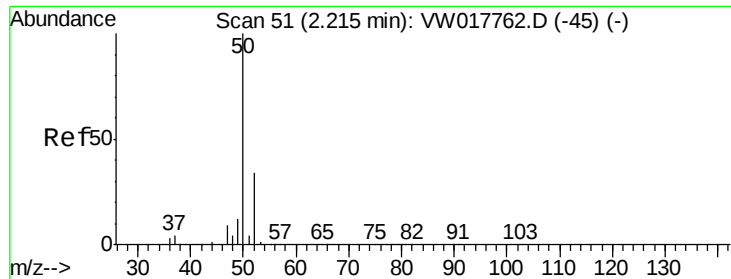
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122820\
Data File : VW017763.D
Acq On : 28 Dec 2020 14:33
Operator : SY/VA
Sample : VW1228SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK103

Quant Time: Dec 29 04:12:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 29 04:12:02 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.393 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW017763.D

Acq: 28 Dec 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

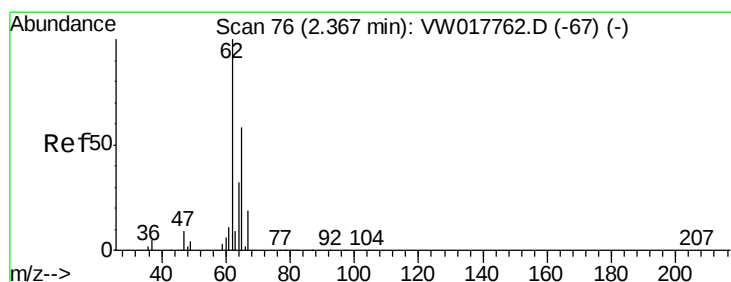
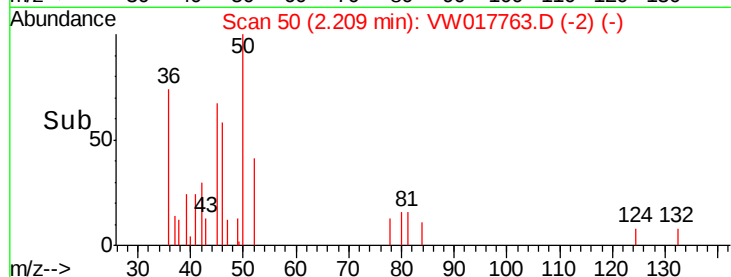
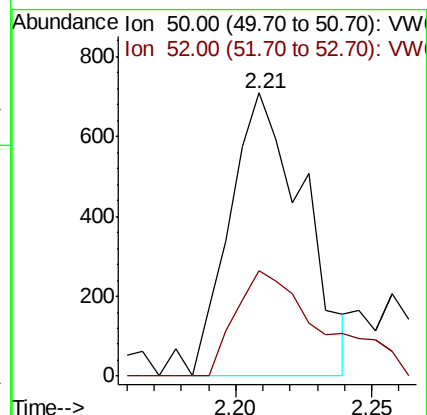
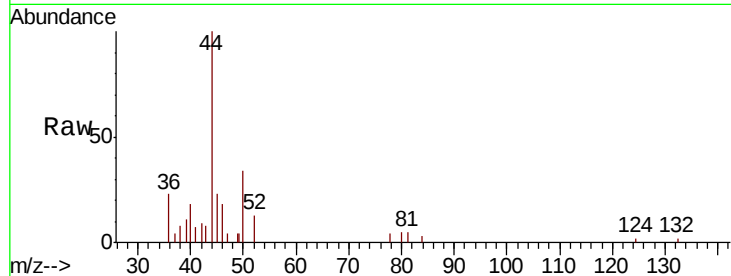
VBLK103

Tot Ion: 50 Resp: 1335

Ion Ratio Lower Upper

50 100

52 37.4 23.6 43.8



#5

Vinyl chloride

Concen: 0.338 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017763.D

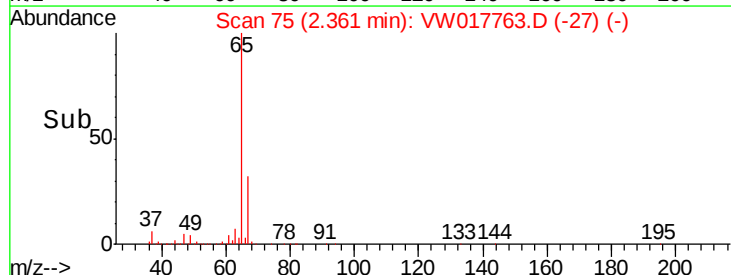
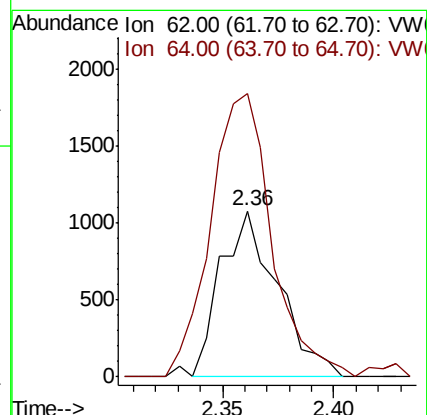
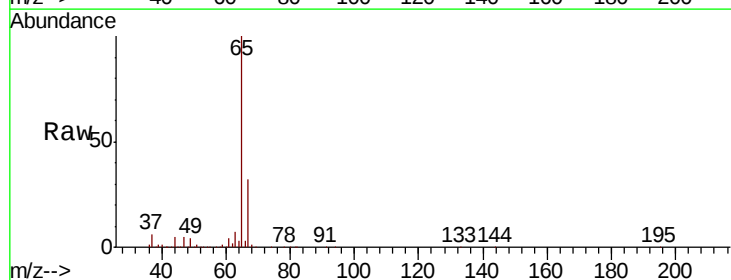
Acq: 28 Dec 2020 14:33

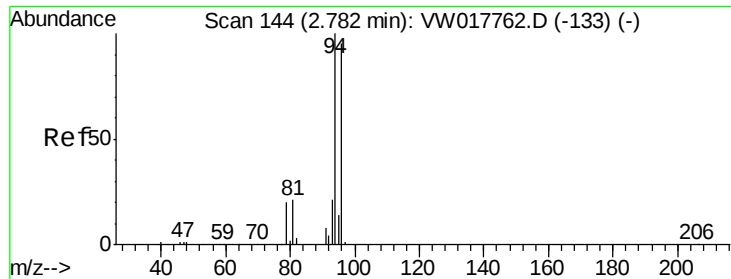
Tgt Ion: 62 Resp: 1918

Ion Ratio Lower Upper

62 100

64 170.9 23.0 42.6#





#6

Bromomethane

Concen: 0.276 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW017763.D

Acq: 28 Dec 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

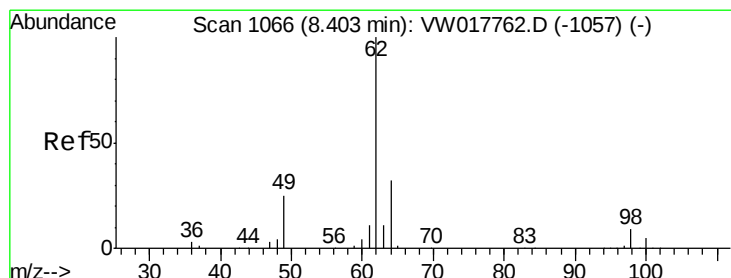
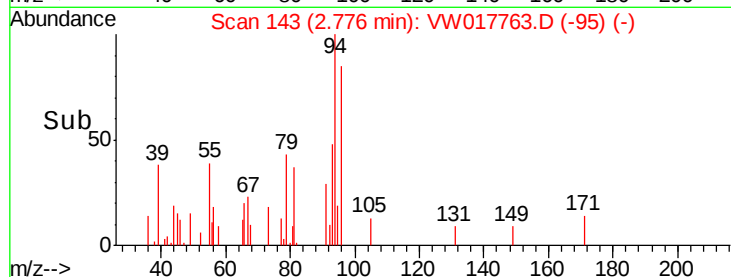
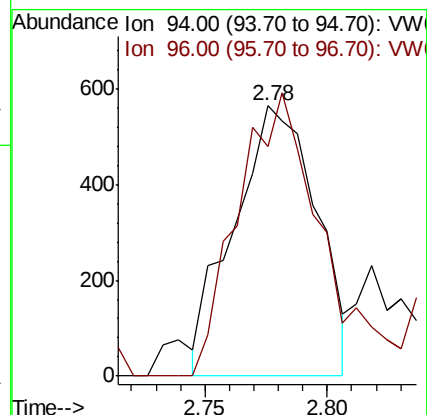
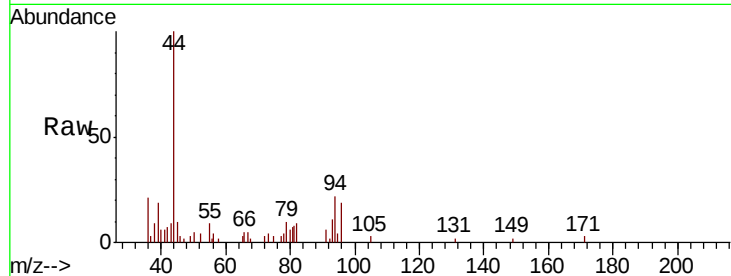
VBLK103

Tot Ion: 94 Resp: 1323

Ion Ratio Lower Upper

94 100

96 85.0 65.0 120.6



#27

1,2-Dichloroethane

Concen: 0.291 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW017763.D

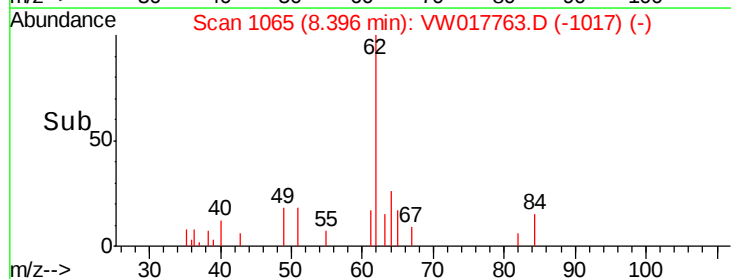
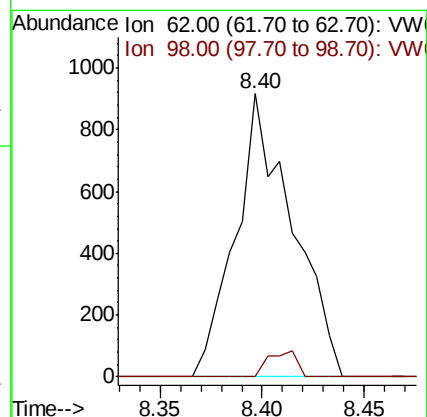
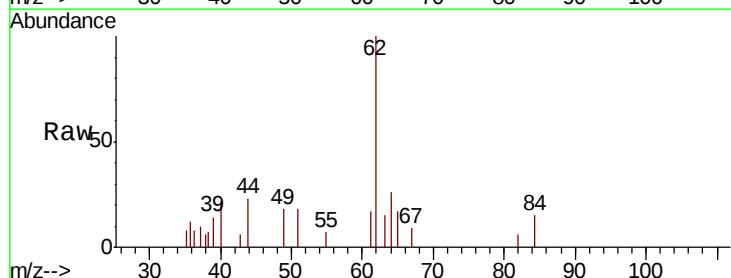
Acq: 28 Dec 2020 14:33

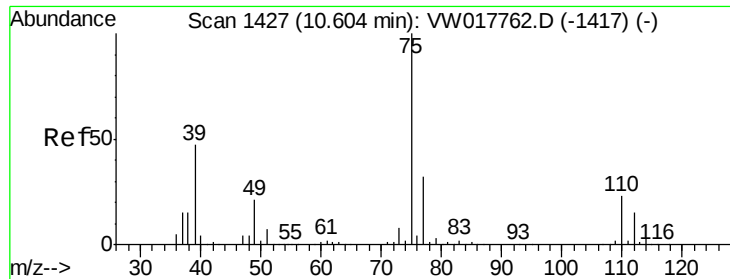
Tgt Ion: 62 Resp: 1769

Ion Ratio Lower Upper

62 100

98 0.0 6.8 10.2#





#44

trans-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017763.D

Acq: 28 Dec 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

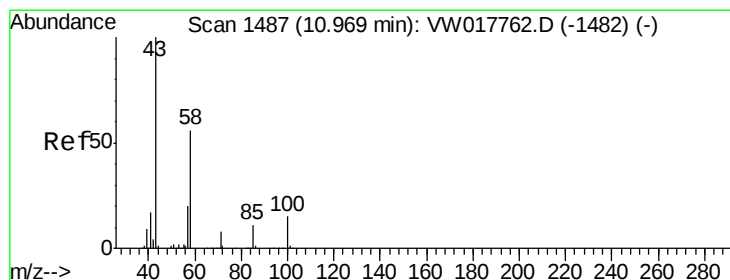
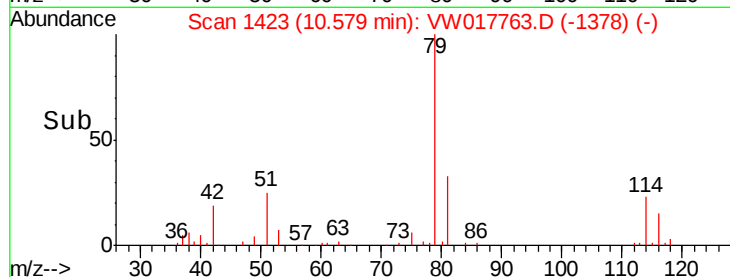
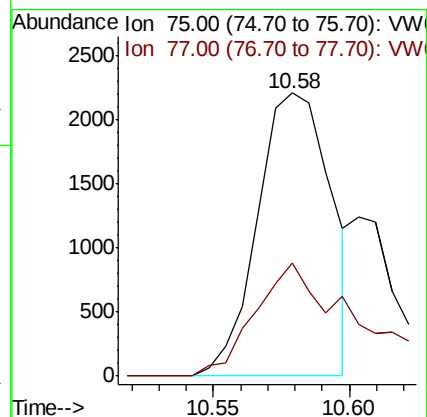
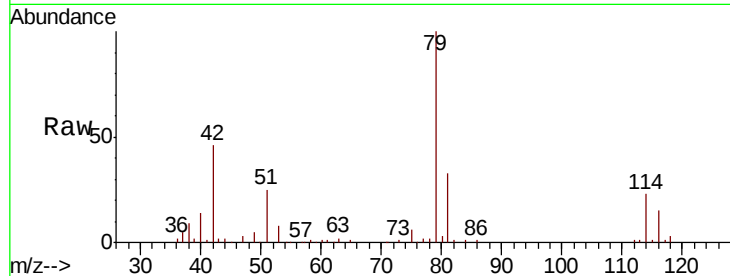
VBLK103

Tot Ion: 75 Resp: 4148

Ion Ratio Lower Upper

75 100

77 39.9 22.3 41.5



#48

2-Hexanone

Concen: 2.300 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017763.D

Acq: 28 Dec 2020 14:33

Tgt Ion: 43 Resp: 4231

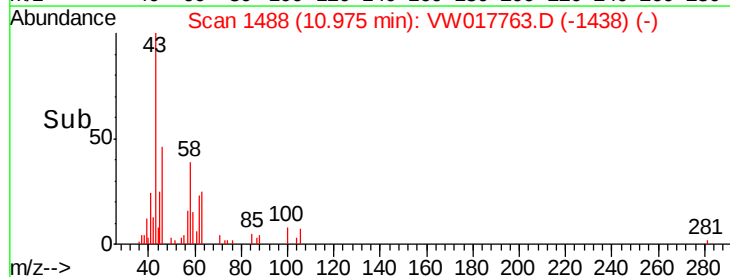
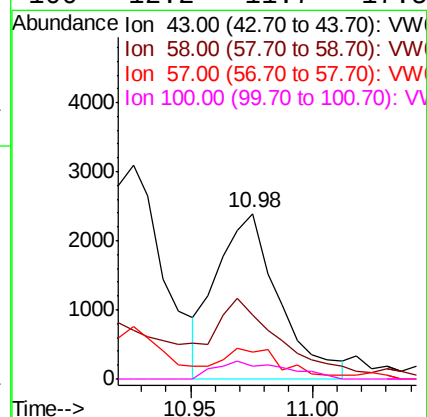
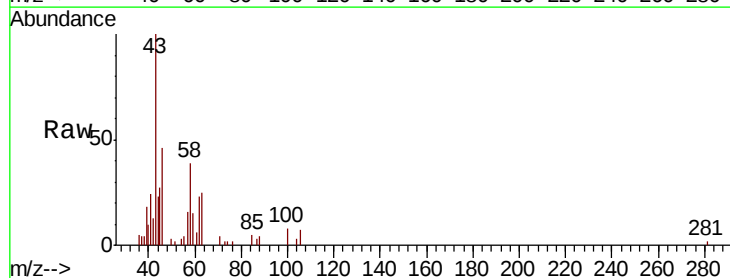
Ion Ratio Lower Upper

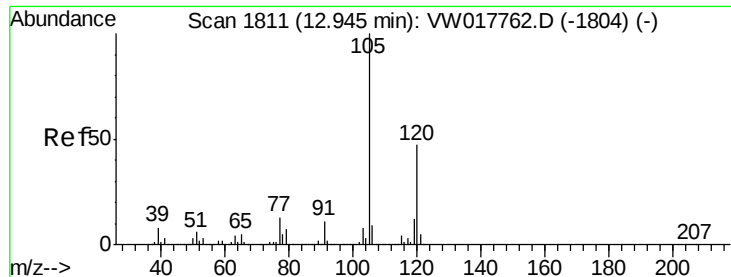
43 100

58 47.8 46.8 70.2

57 17.9 14.6 22.0

100 12.2 11.7 17.5

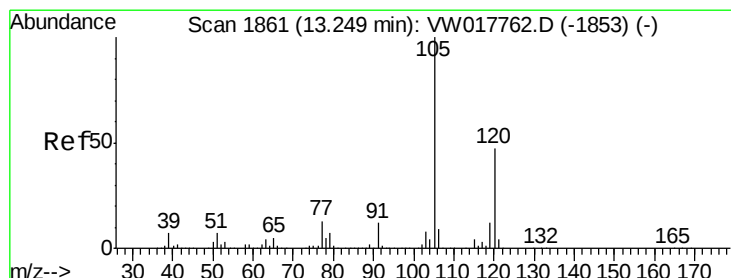
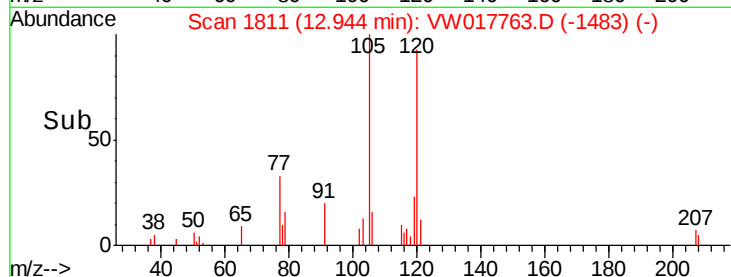
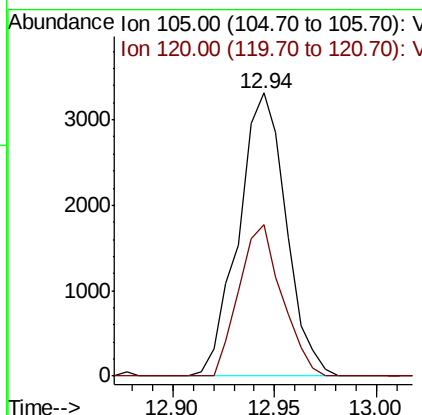
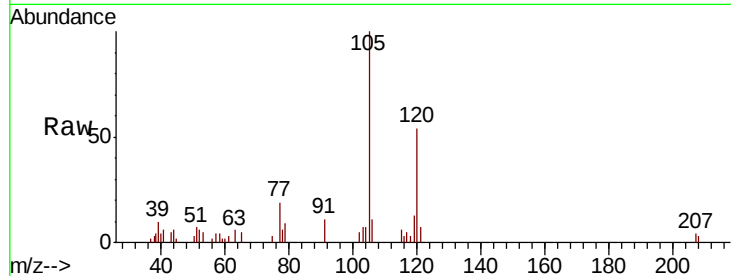




#62
 1,3,5-Trimethylbenzene
 Concen: 0.300 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW017763.D
 Acq: 28 Dec 2020 14:33

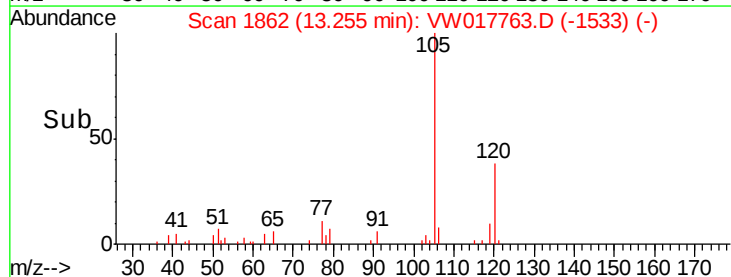
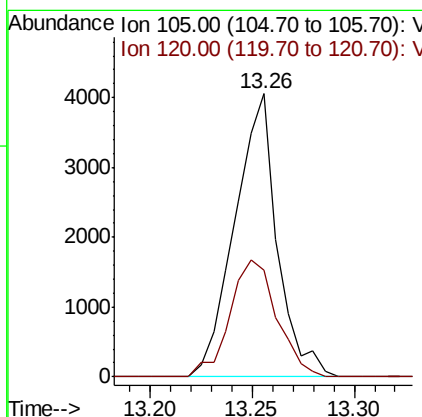
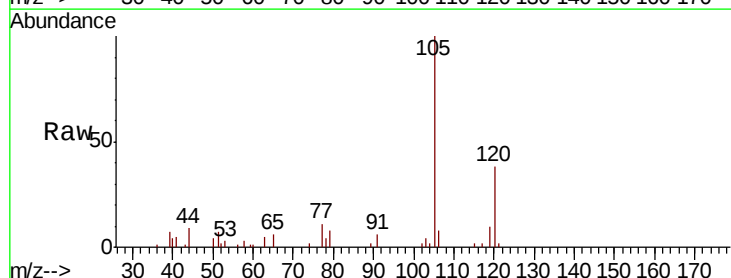
Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK103

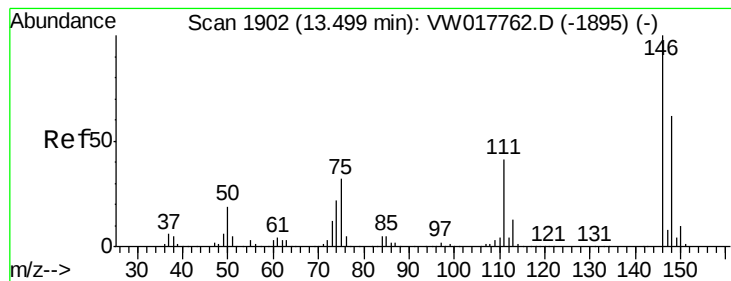
Tot Ion:105 Resp: 5382
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 0.326 ug/L
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW017763.D
 Acq: 28 Dec 2020 14:33

Tgt Ion:105 Resp: 5876
 Ion Ratio Lower Upper
 105 100
 120 45.7 37.5 56.3





#64

1,3-Dichlorobenzene

Concen: 0.390 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW017763.D

Acq: 28 Dec 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

VBLK103

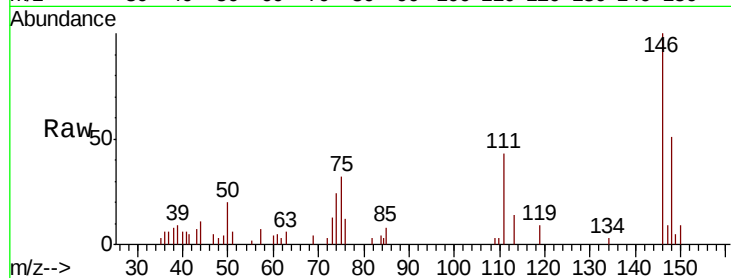
Tot Ion:146 Resp: 3702

Ion Ratio Lower Upper

146 100

111 42.9 28.8 53.6

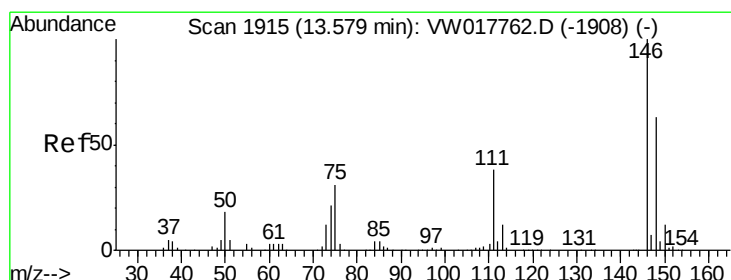
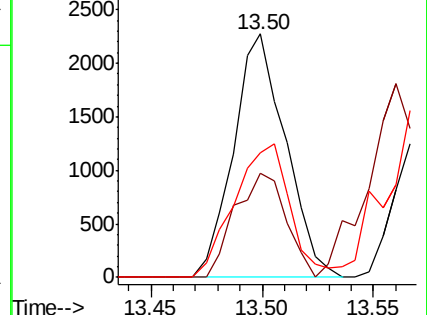
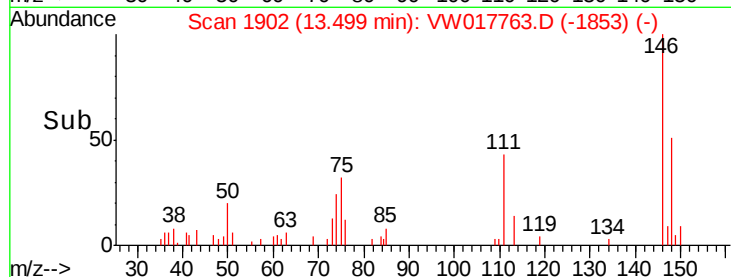
148 51.3 43.0 80.0



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



#65

1,4-Dichlorobenzene

Concen: 0.442 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW017763.D

Acq: 28 Dec 2020 14:33

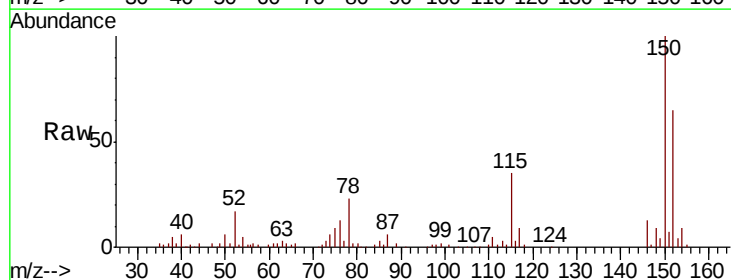
Tgt Ion:146 Resp: 4189

Ion Ratio Lower Upper

146 100

111 36.5 27.6 51.2

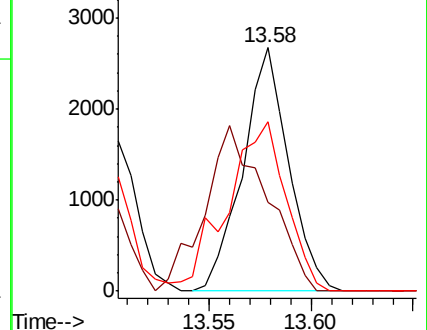
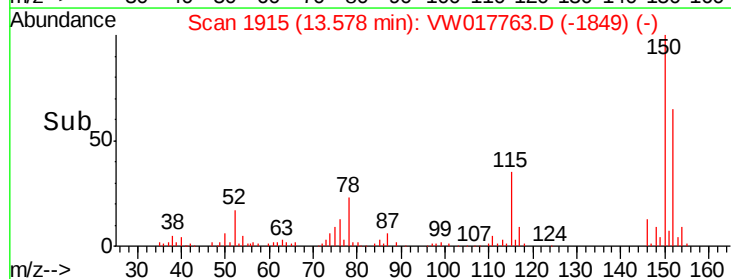
148 69.4 42.4 78.6

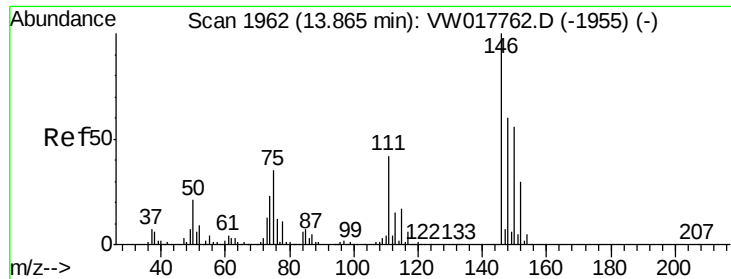


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

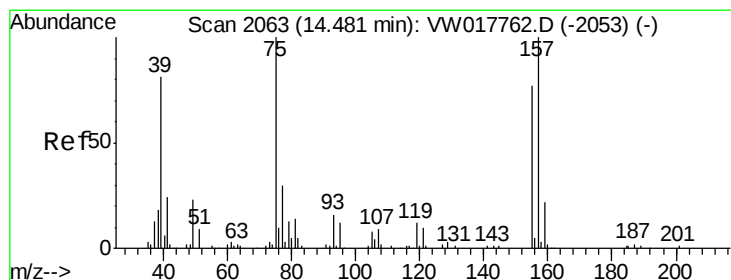
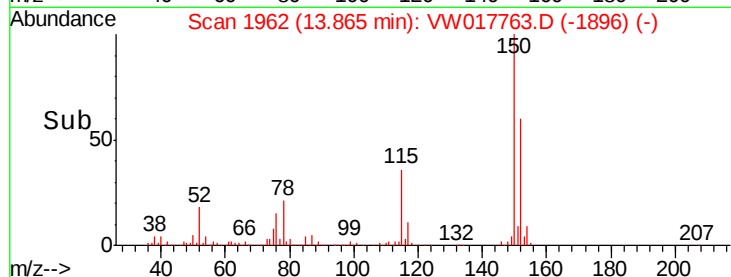
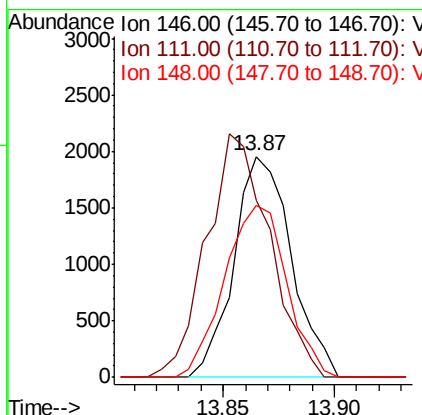
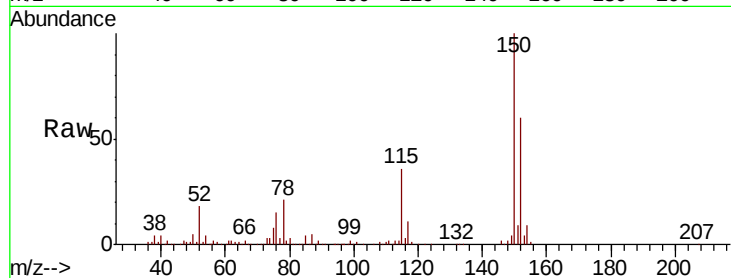




#67
 1,2-Dichlorobenzene
 Concen: 0.405 ug/L
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW017763.D
 Acq: 28 Dec 2020 14:33

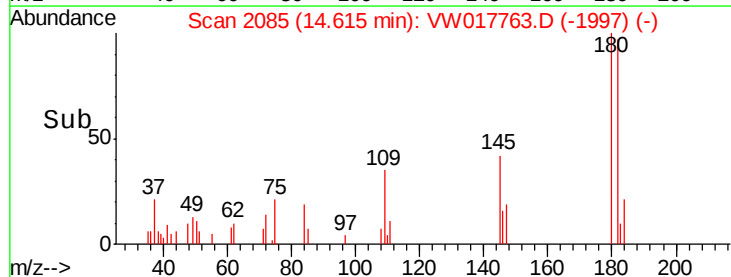
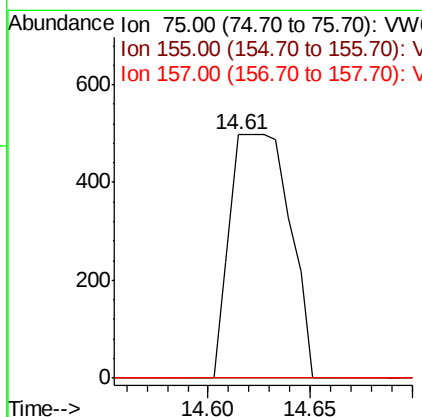
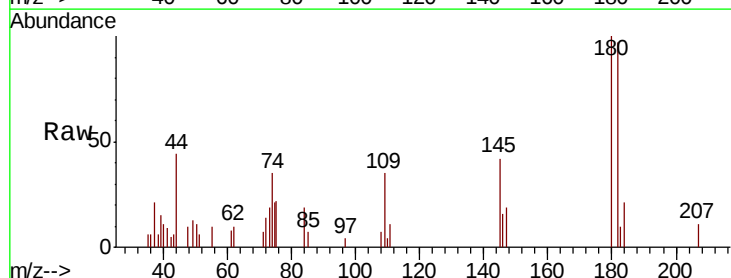
Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK103

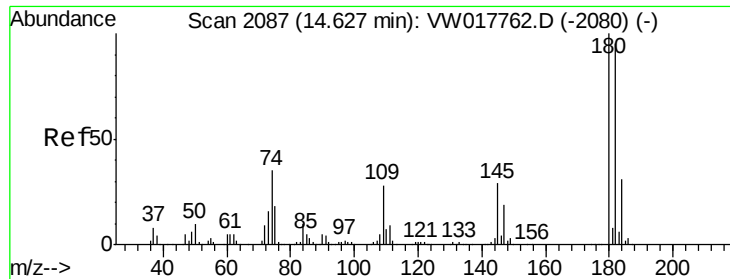
Tot Ion:146 Resp: 3512
 Ion Ratio Lower Upper
 146 100
 111 80.4 30.6 45.8#
 148 77.8 48.1 72.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.463 ug/L
 RT: 14.61 min Scan# 2085
 Delta R.T. 0.13 min
 Lab File: VW017763.D
 Acq: 28 Dec 2020 14:33

Tgt Ion: 75 Resp: 1012
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.9 82.3#
 157 0.0 70.4 105.6#

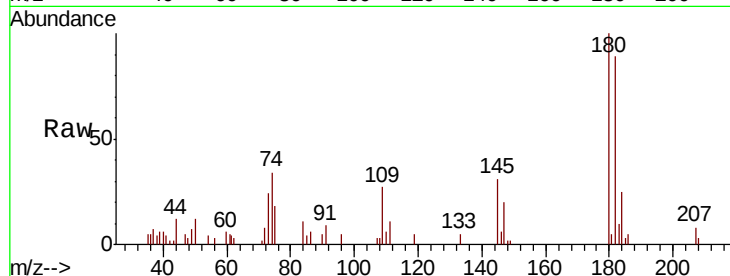




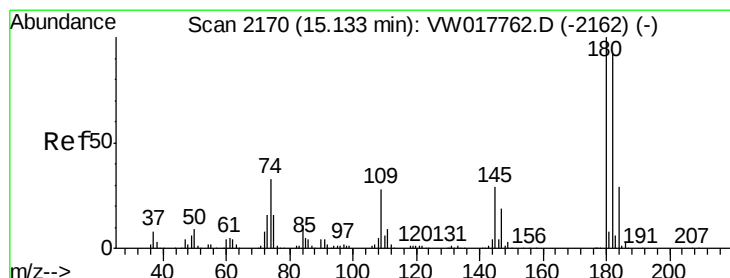
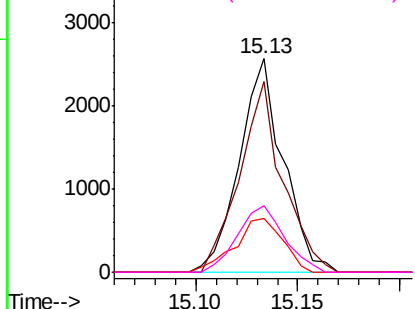
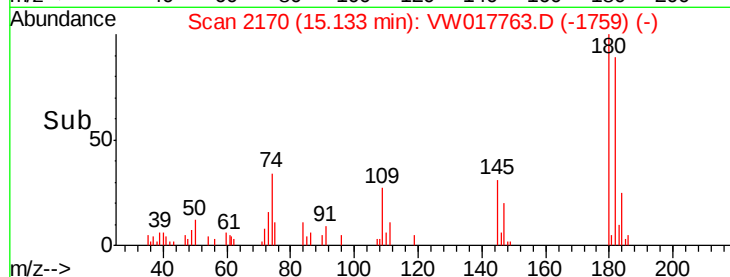
#69
 1,3,5-Trichlorobenzene
 Concen: 0.593 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.51 min
 Lab File: VW017763.D
 Acq: 28 Dec 2020 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK103

Tot Ion:	180	Resp:	3814
Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.1	114.1
184	27.8	24.2	36.4
145	33.4	25.6	38.4

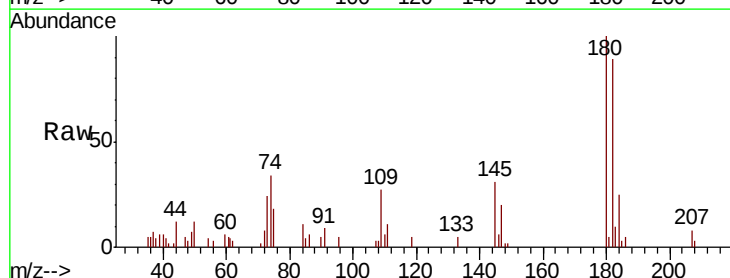


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

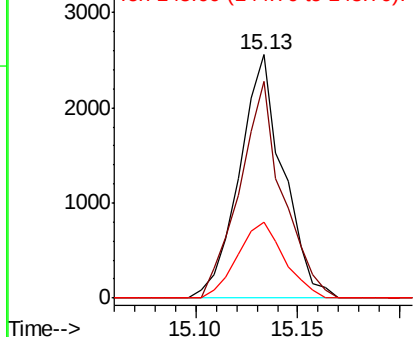
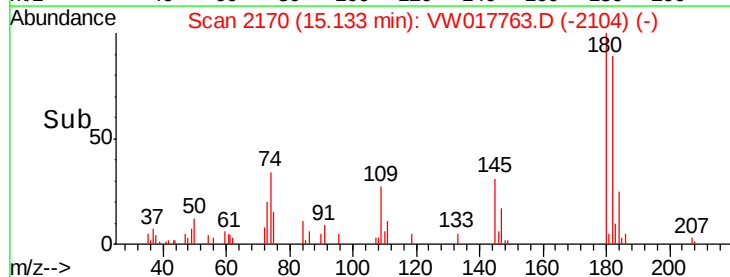


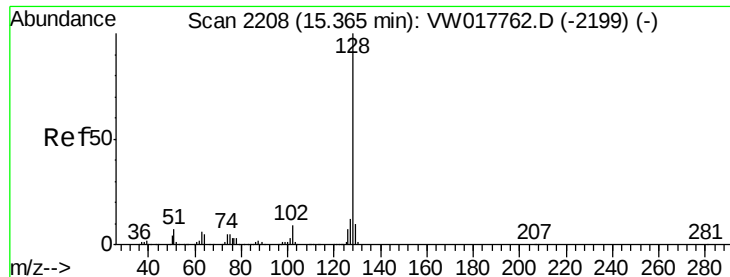
#70
 1,2,4-trichlorobenzene
 Concen: 0.686 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017763.D
 Acq: 28 Dec 2020 14:33

Tgt Ion:	180	Resp:	3814
Ion	Ratio	Lower	Upper
180	100		
182	87.9	72.3	108.5
145	33.4	25.6	38.4



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

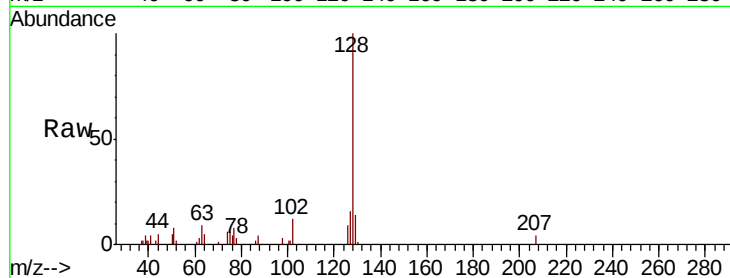




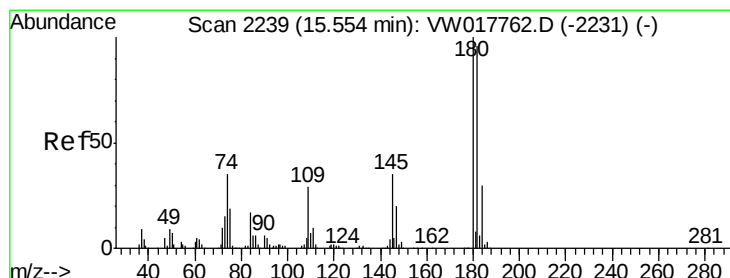
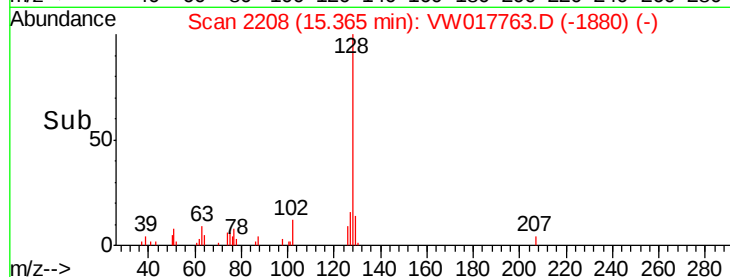
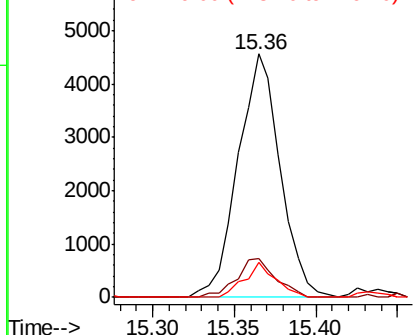
#71
Naphthalene
Concen: 0.685 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW017763.D
Acq: 28 Dec 2020 14:33

Instrument :
MSVOA_W
ClientSampleId :
VBLK103

Tot Ion:128 Resp: 8197
Ion Ratio Lower Upper
128 100
127 14.8 10.6 16.0
129 10.7 8.8 13.2

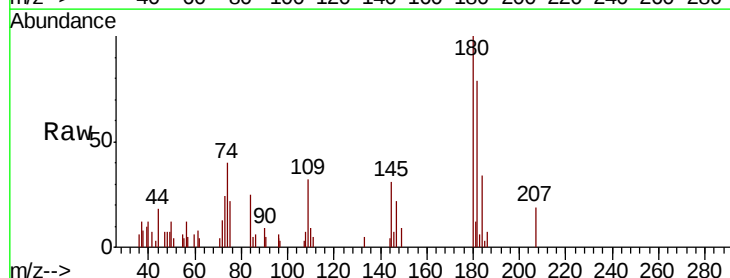


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#72
1,2,3-Trichlorobenzene
Concen: 0.692 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW017763.D
Acq: 28 Dec 2020 14:33

Tgt Ion:180 Resp: 3411
Ion Ratio Lower Upper
180 100
182 99.1 74.5 111.7
145 37.8 27.1 40.7



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

