

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016798.D
 Acq On : 06 Oct 2020 16:22
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB09

Quant Time: Oct 07 02:58:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 16:10:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	539063	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	478417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	243816	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125836	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
7) Chloroethane-d5	2.90	69	104405	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	4.03	63	265336	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.00%
20) 2-Butanone-d5	7.09	46	61834	51.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.68%
24) Chloroform-d	7.65	84	264985	23.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	8.31	65	132755	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
29) Benzene-d6	8.28	84	520922	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.28	67	140332	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.12%
37) Toluene-d8	10.32	98	498091	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.16%
38) trans-1,3-Dichloropropene-	10.58	79	65479	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.68%
39) 2-Hexanone-d5	10.93	63	52977	58.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124592	26.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	189893	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	165847	25.740	ug/L 96
3) Chloromethane	2.22	50	143632	25.289	ug/L 98
5) Vinyl chloride	2.37	62	187658	25.451	ug/L 99
6) Bromomethane	2.79	94	131989	24.349	ug/L 98
8) Chloroethane	2.93	64	110952	24.381	ug/L 99
9) Trichlorofluoromethane	3.26	101	135221	23.735	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	177503	24.457	ug/L 99
12) 1,1-Dichloroethene	4.05	96	169031	24.252	ug/L 98
13) Acetone	4.14	43	45818	50.265	ug/L 99
14) Carbon disulfide	4.39	76	490091	24.523	ug/L 99
15) Methyl Acetate	4.68	43	58756	26.978	ug/L 100
16) Methylene chloride	4.92	84	165231	22.210	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	205749	26.380	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	176105	24.186	ug/L 98
19) 1,1-Dichloroethane	6.22	63	273453	24.388	ug/L 100
21) 2-Butanone	7.18	43	76455	49.964	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	181164	24.385	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100720\
 Data File : VW016798.D
 Acq On : 06 Oct 2020 16:22
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB09

Quant Time: Oct 07 02:58:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 16:10:18 2020
 Response via : Initial Calibration

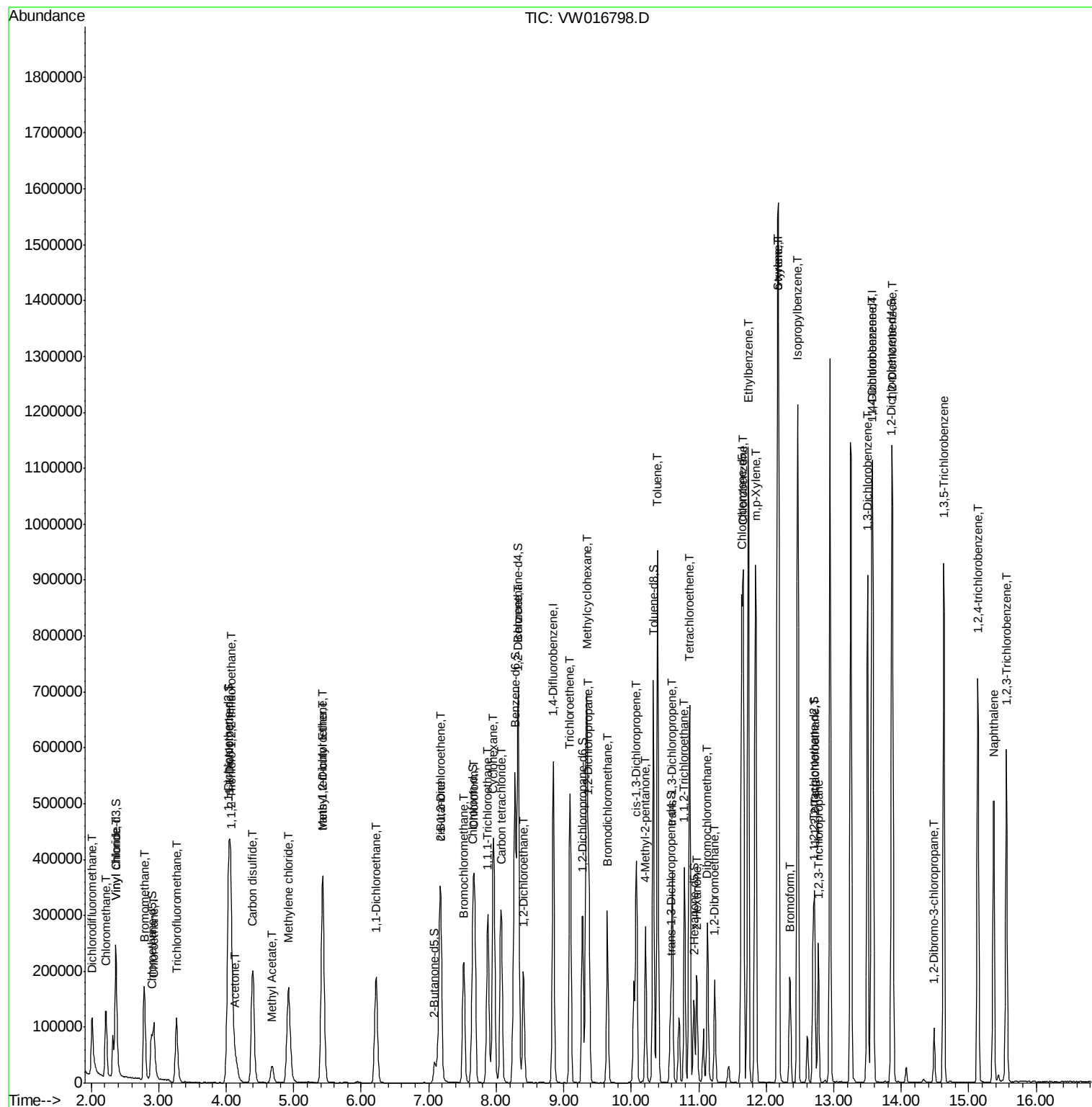
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	87883	25.190	ug/L	98
25) Chloroform	7.68	83	294355	24.310	ug/L	99
27) 1,2-Dichloroethane	8.40	62	183355	25.313	ug/L	99
30) Cyclohexane	7.96	56	254601	25.662	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	256637	25.225	ug/L	100
32) Carbon tetrachloride	8.07	117	254031	25.587	ug/L	100
34) Benzene	8.32	78	642701	25.016	ug/L	100
35) Trichloroethene	9.09	95	181956	25.038	ug/L	100
36) Methylcyclohexane	9.34	83	311419	25.486	ug/L	99
40) 1,2-Dichloropropane	9.37	63	146937	25.293	ug/L	100
41) Bromodichloromethane	9.65	83	208710	25.573	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	240910	26.009	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	167377	57.228	ug/L	100
44) Toluene	10.39	91	717103	25.161	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	209491	26.877	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	125291	26.530	ug/L	99
47) Tetrachloroethene	10.87	164	165439	24.555	ug/L	99
49) 2-Hexanone	10.97	43	113677	58.885	ug/L	99
50) Dibromochloromethane	11.13	129	157890	26.893	ug/L	99
51) 1,2-Dibromoethane	11.24	107	126875	27.338	ug/L	96
52) Chlorobenzene	11.66	112	477592	24.969	ug/L	99
53) Ethylbenzene	11.73	91	816875	25.549	ug/L	99
54) m,p-Xylene	11.84	106	315342	25.360	ug/L	94
55) o-xylene	12.17	106	306196	25.773	ug/L	99
56) Styrene	12.18	104	510774	26.053	ug/L	98
57) Isopropylbenzene	12.46	105	826956	25.419	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	144191	27.627	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	106310	28.118	ug/L	98
62) Bromoform	12.35	173	91015	26.536	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	395151	25.466	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	389811	25.119	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	353162	25.420	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	22835	27.096	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	303458	26.310	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	246411	26.010	ug/L	97
69) Naphthalene	15.37	128	462630	29.490	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	220924	27.138	ug/L	97

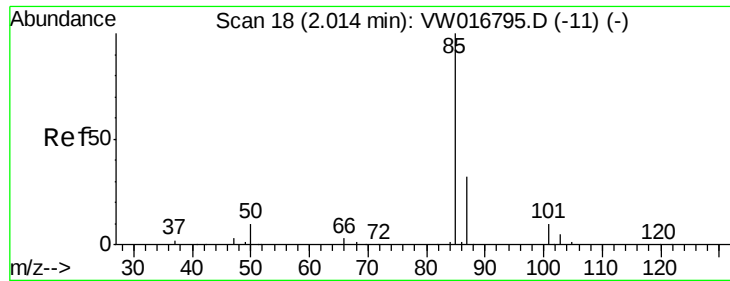
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100720\
Data File : VW016798.D
Acq On : 06 Oct 2020 16:22
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BFB09

Quant Time: Oct 07 02:58:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 06 16:10:18 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 25.740 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

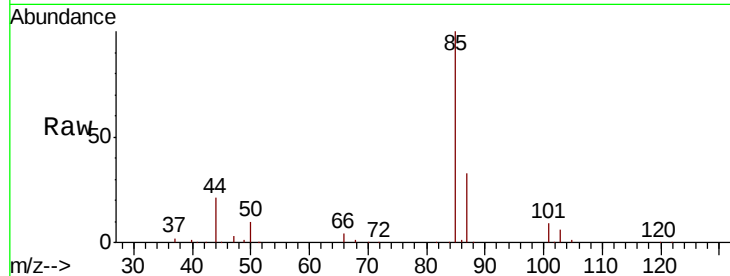
BFB09

Tot Ion: 85 Resp: 165847

Ion Ratio Lower Upper

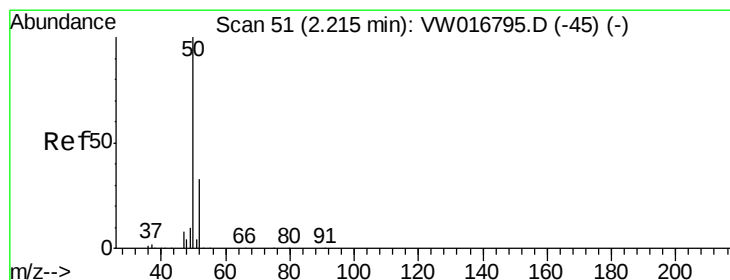
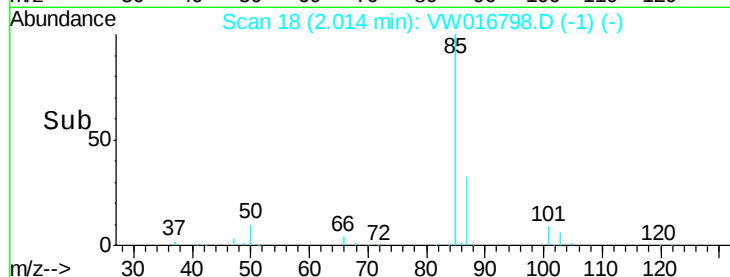
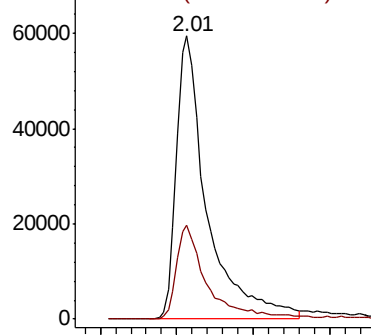
85 100

87 31.0 20.4 37.8



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 25.289 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW016798.D

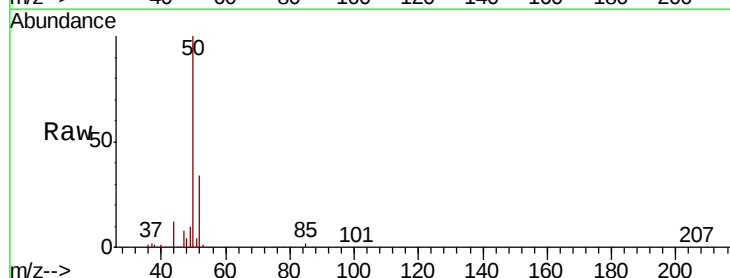
Acq: 06 Oct 2020 16:22

Tgt Ion: 50 Resp: 143632

Ion Ratio Lower Upper

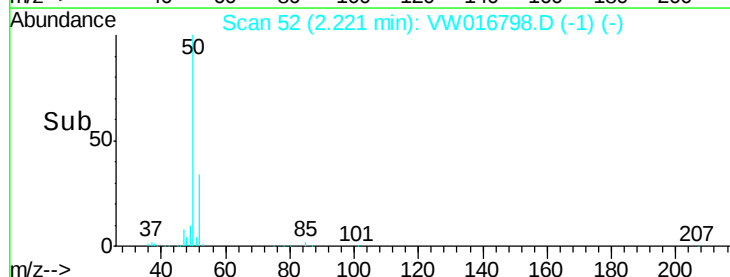
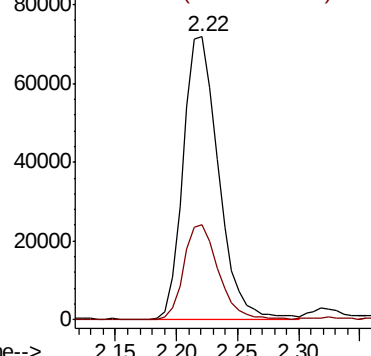
50 100

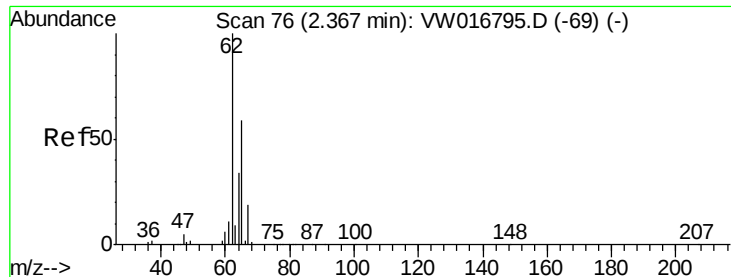
52 33.6 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 25.451 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

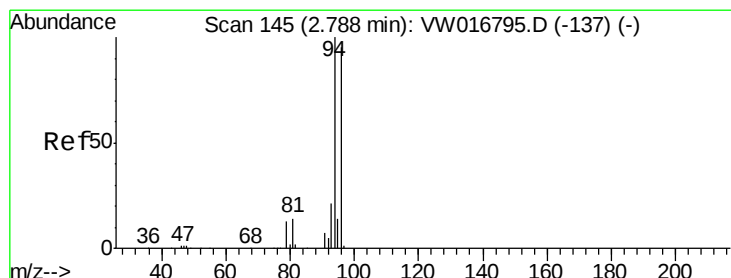
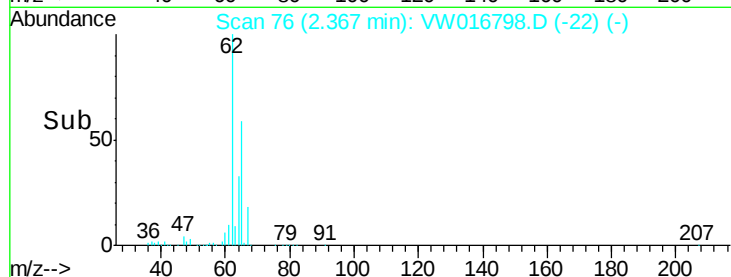
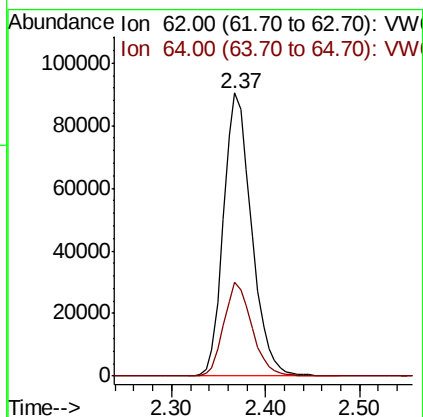
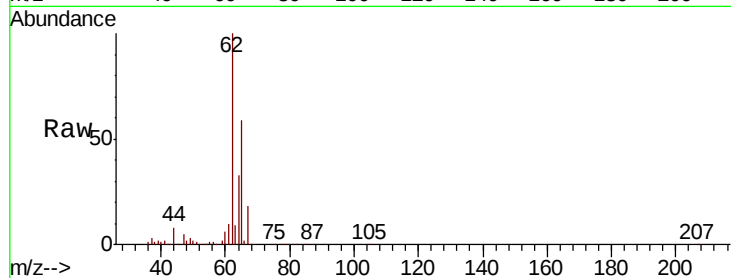
BFB09

Tot Ion: 62 Resp: 187658

Ion Ratio Lower Upper

62 100

64 33.2 23.5 43.7



#6

Bromomethane

Concen: 24.349 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW016798.D

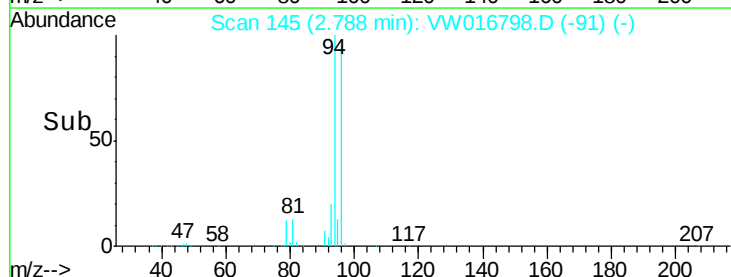
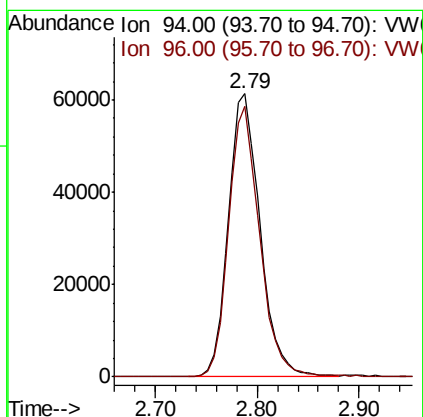
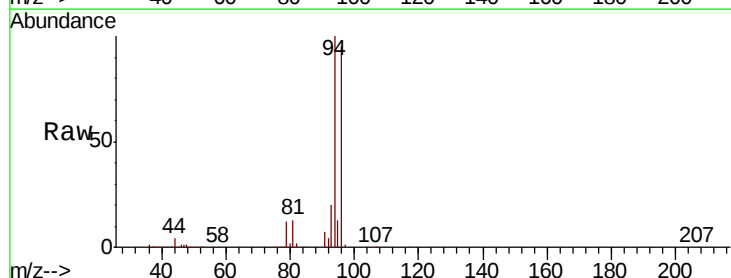
Acq: 06 Oct 2020 16:22

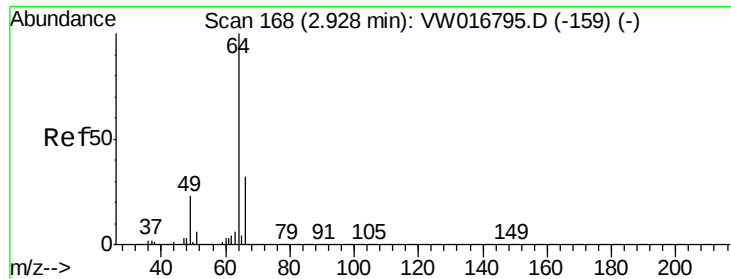
Tgt Ion: 94 Resp: 131989

Ion Ratio Lower Upper

94 100

96 93.2 9.5 180.7

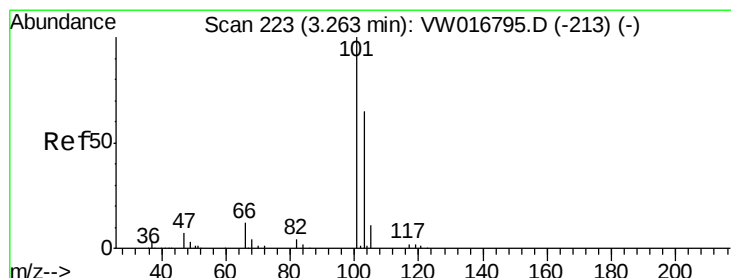
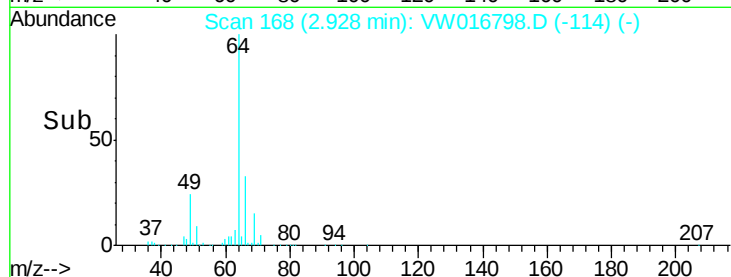
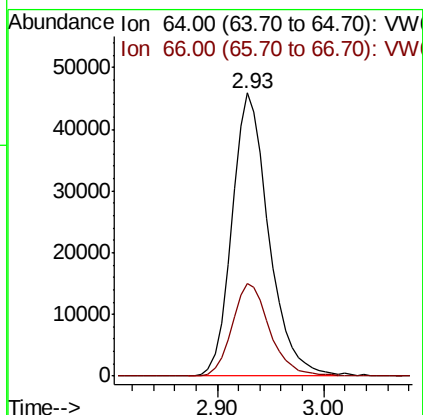
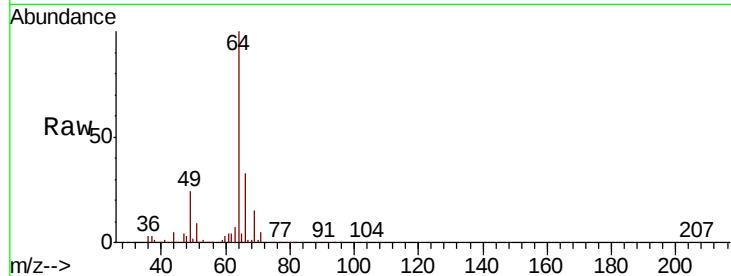




#8
Chloroethane
Concen: 24.381 ug/L
RT: 2.93 min Scan# 168
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

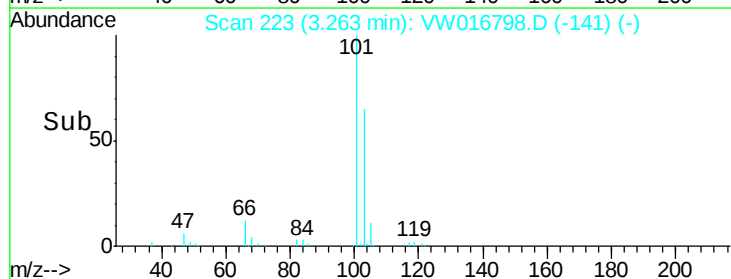
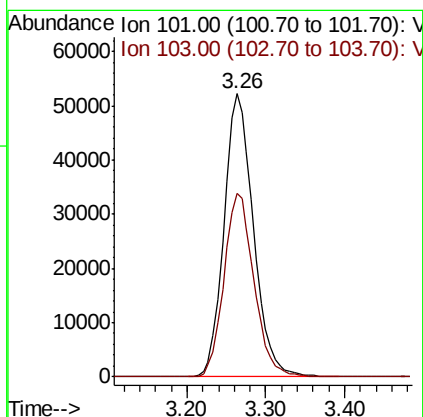
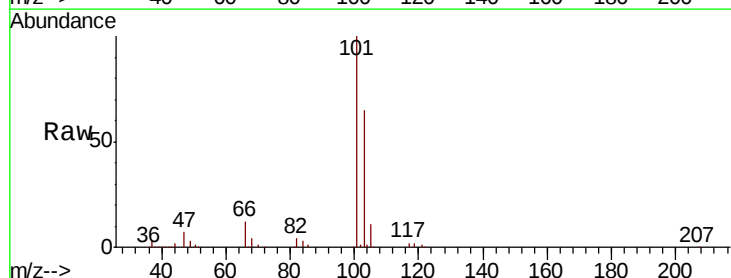
Instrument :
MSVOA_W
ClientSampled :
BFB09

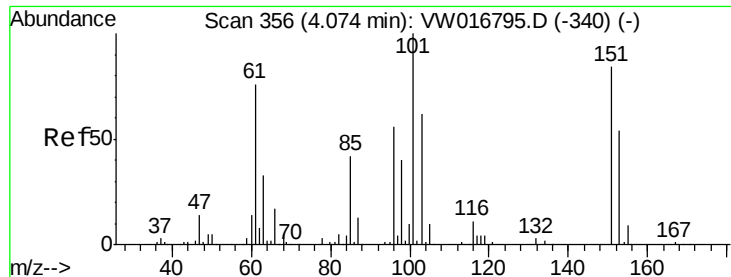
Tot Ion: 64 Resp: 110952
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 23.735 ug/L
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion: 101 Resp: 135221
Ion Ratio Lower Upper
101 100
103 66.2 45.2 84.0





#11

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

Concen: 24.457 ug/L

RT: 4.07 min Scan# 356

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

BFB09

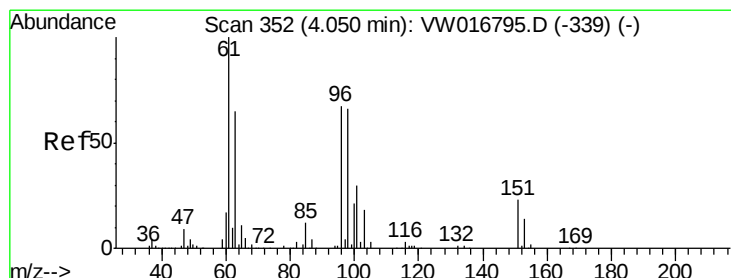
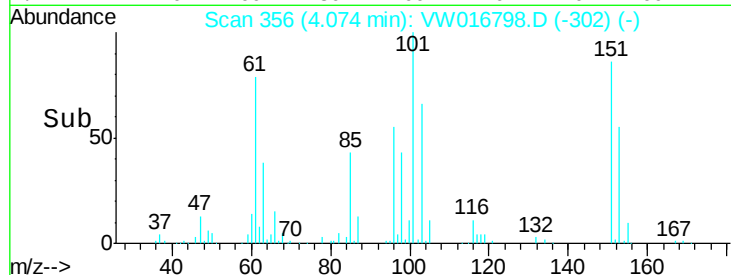
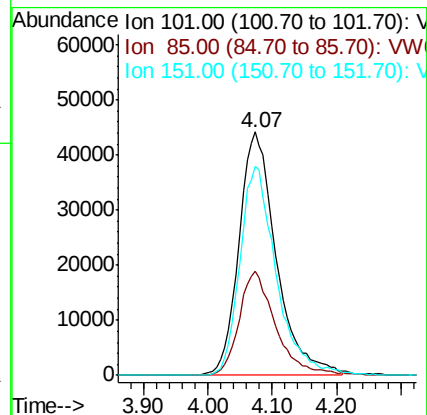
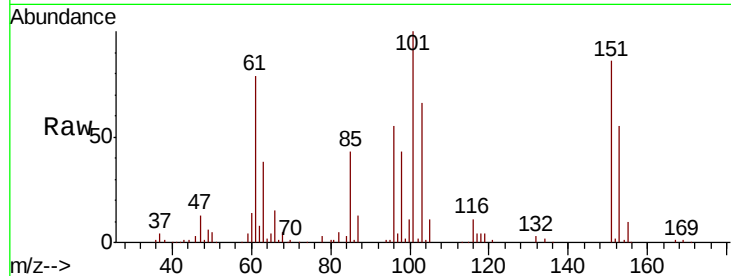
Tot Ion:101 Resp: 177503

Ion Ratio Lower Upper

101 100

85 40.7 31.7 47.5

151 82.2 66.6 99.8



#12

1,1-Dichloroethene

Concen: 24.252 ug/L

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

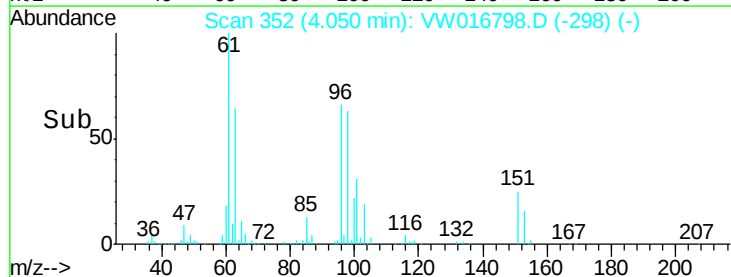
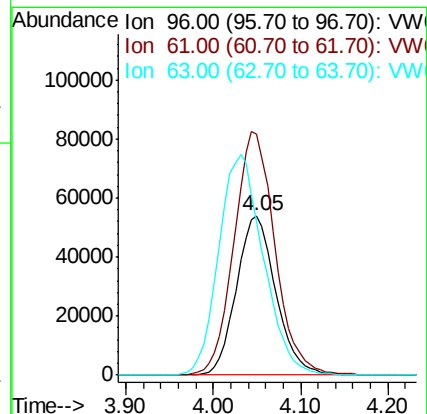
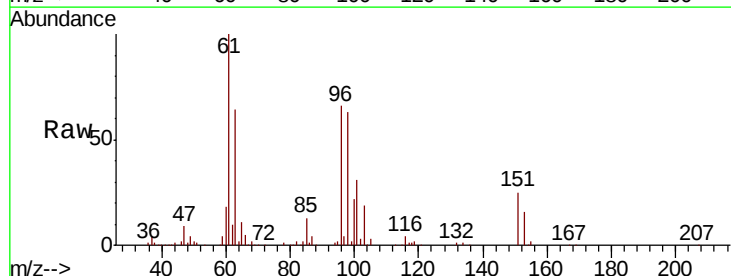
Tgt Ion: 96 Resp: 169031

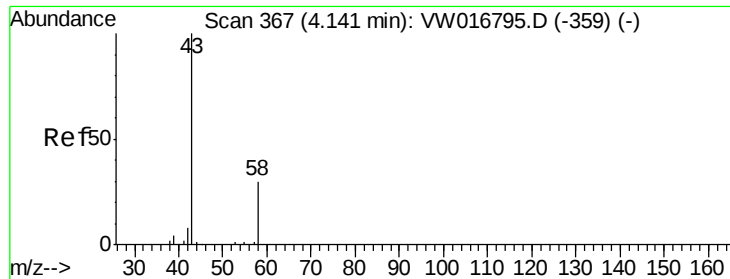
Ion Ratio Lower Upper

96 100

61 151.6 105.1 195.1

63 96.4 69.9 129.7





#13

Acetone

Concen: 50.265 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

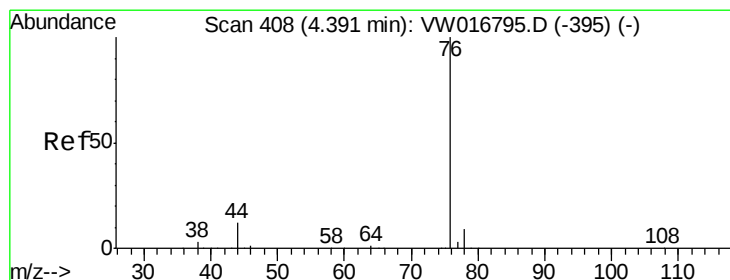
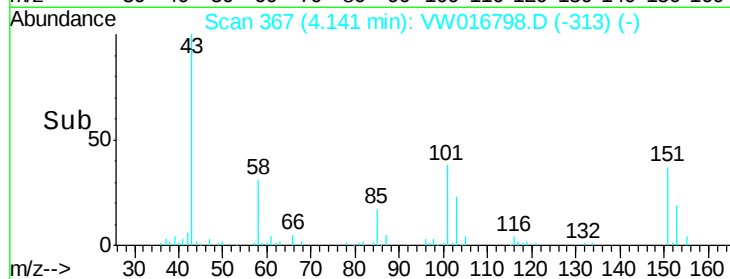
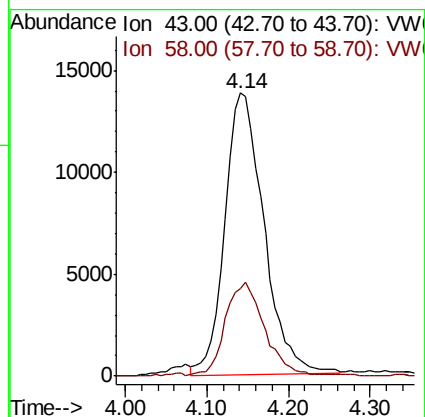
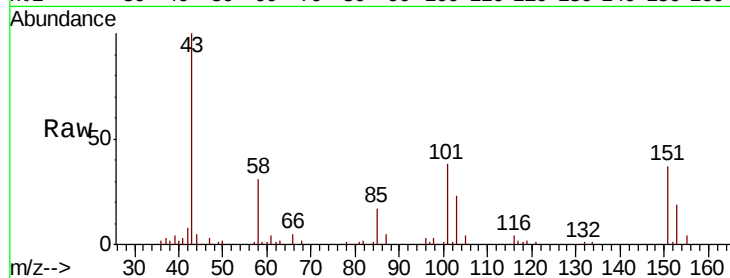
BFB09

Tot Ion: 43 Resp: 45818

Ion Ratio Lower Upper

43 100

58 33.3 0.0 67.6



#14

Carbon disulfide

Concen: 24.523 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW016798.D

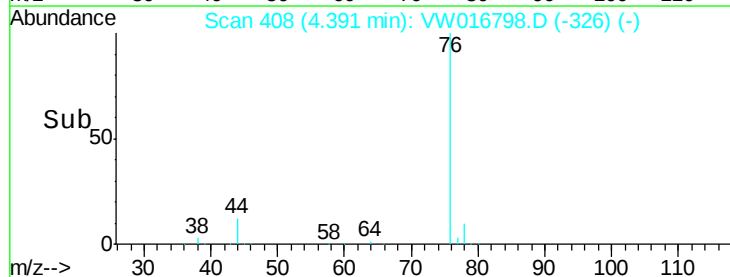
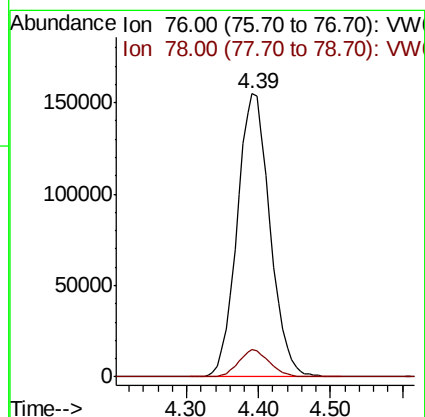
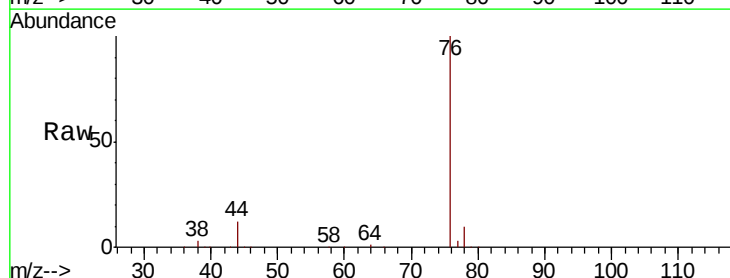
Acq: 06 Oct 2020 16:22

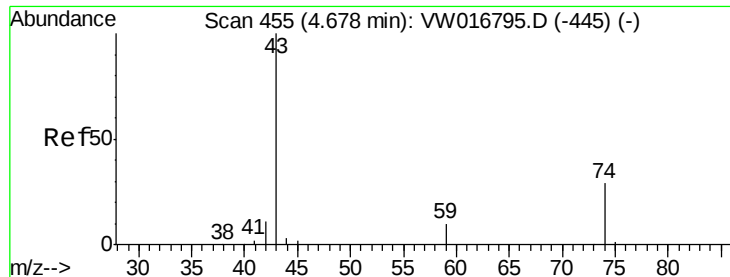
Tgt Ion: 76 Resp: 490091

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

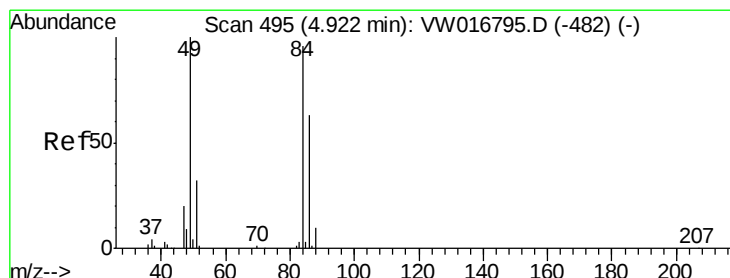
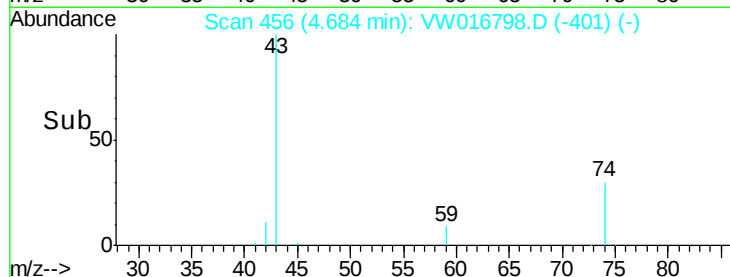
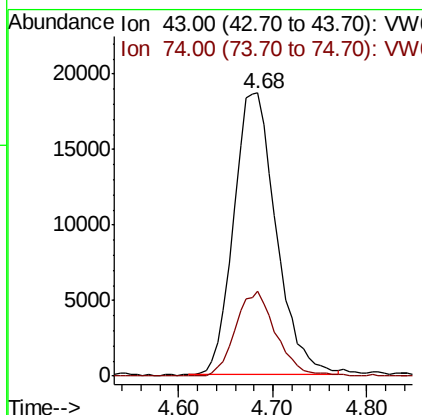
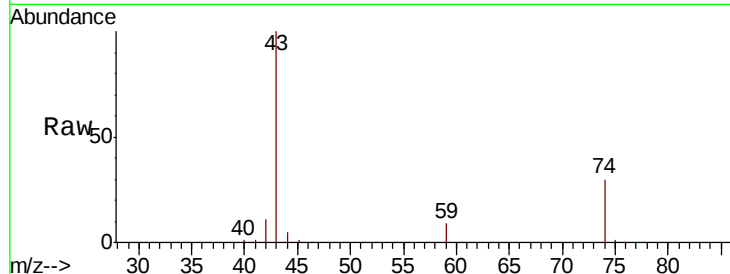




#15
Methyl Acetate
Concen: 26.978 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

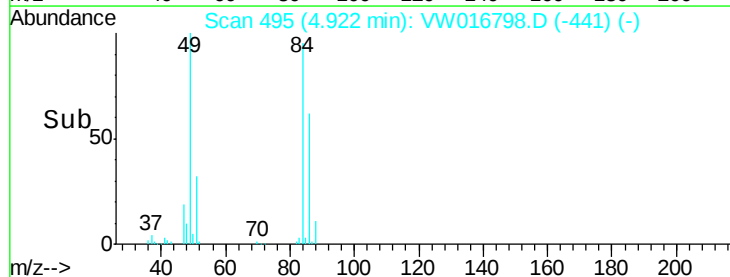
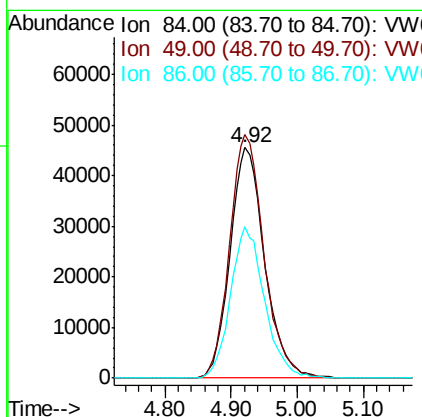
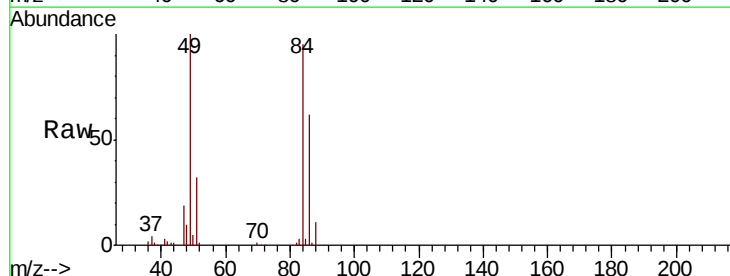
Instrument :
MSVOA_W
ClientSampled :
BFB09

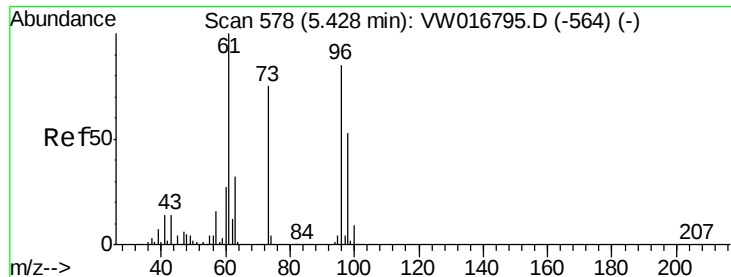
Tot Ion: 43 Resp: 58756
Ion Ratio Lower Upper
43 100
74 28.4 22.7 34.1



#16
Methylene chloride
Concen: 22.210 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion: 84 Resp: 165231
Ion Ratio Lower Upper
84 100
49 105.7 73.1 135.8
86 65.5 46.0 85.4

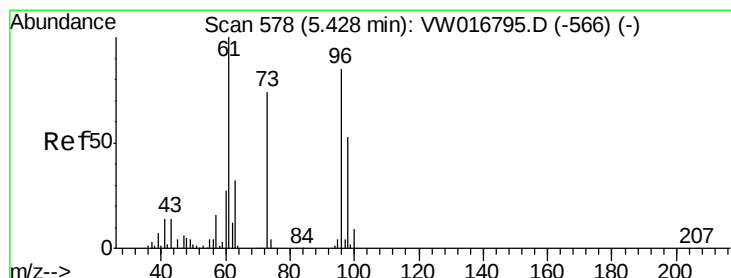
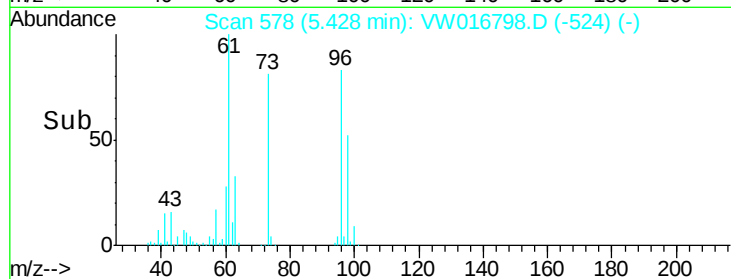
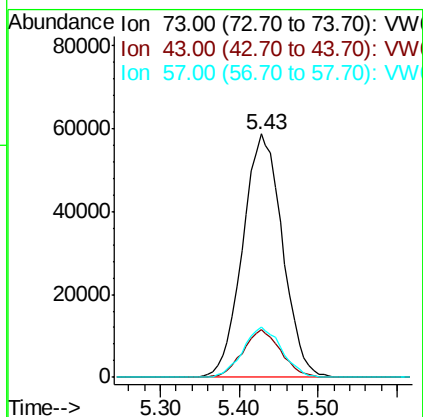
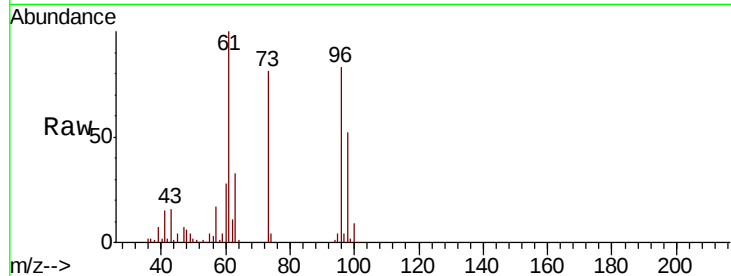




#17
Methvl tert-butvl Ether
Concen: 26.380 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

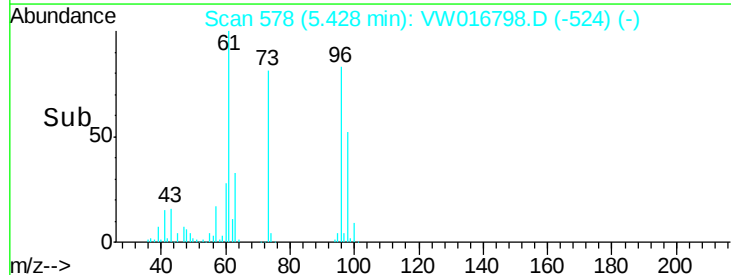
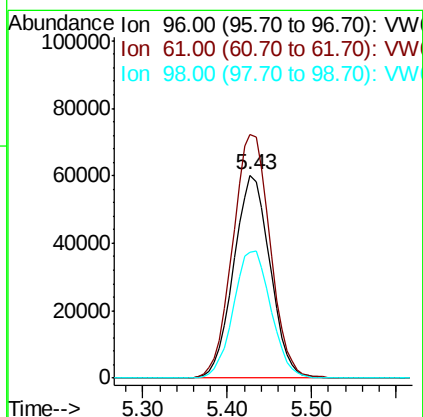
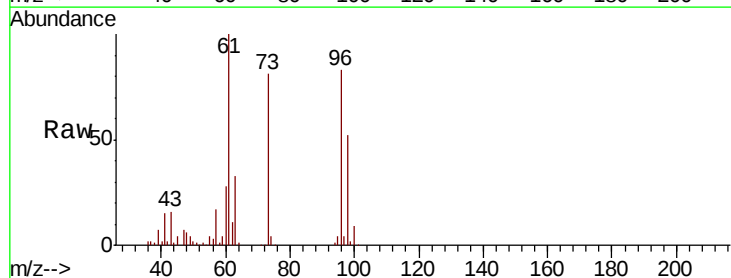
Instrument :
MSVOA_W
ClientSampleId :
BFB09

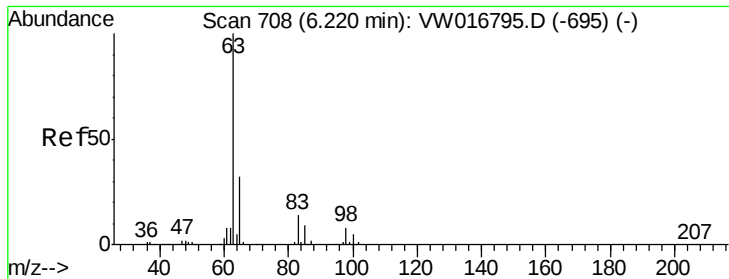
Tot Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.0	22.4
57	20.1	16.4	24.6



#18
trans-1,2-Dichloroethene
Concen: 24.186 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	120.1	82.5	153.3
98	62.3	43.3	80.5





#19

1,1-Dichloroethane

Concen: 24.388 ug/L

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampled :

BFB09

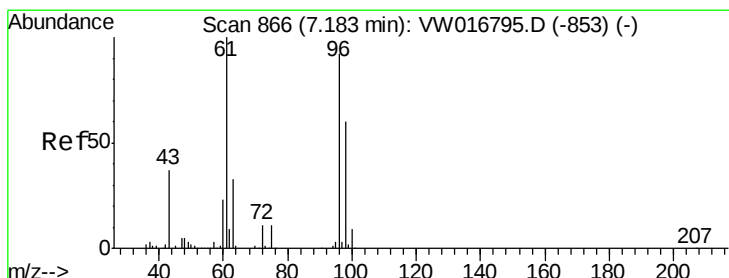
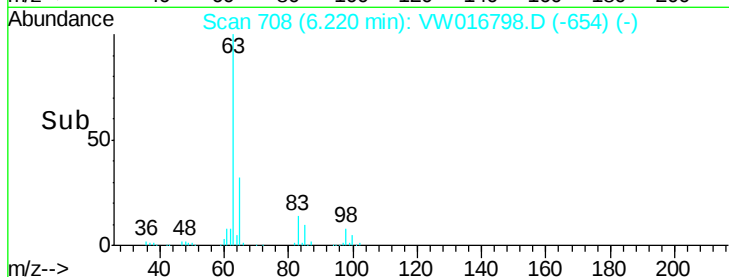
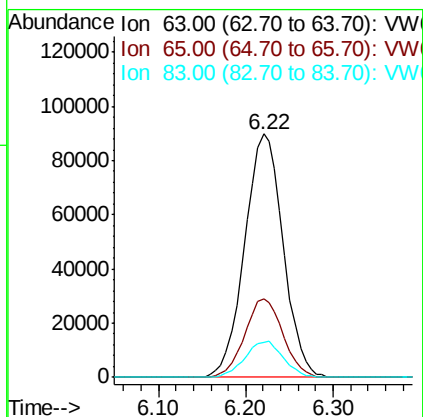
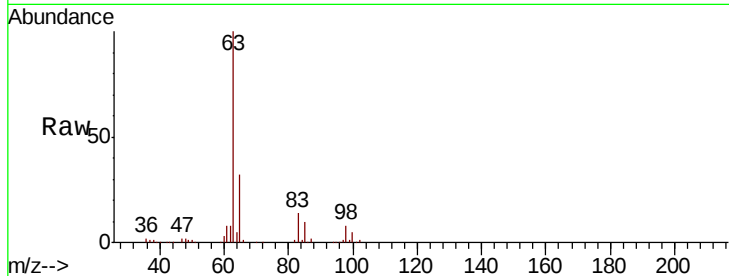
Tot Ion: 63 Resp: 273453

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.1

83 14.2 9.9 18.5



#21

2-Butanone

Concen: 49.964 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016798.D

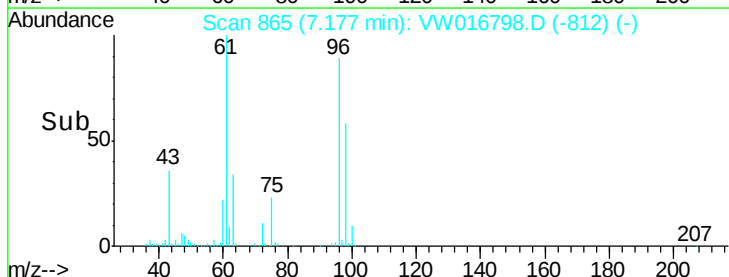
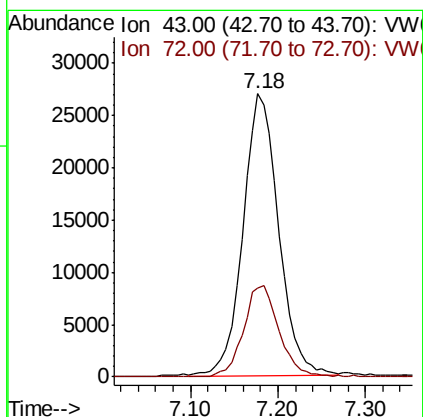
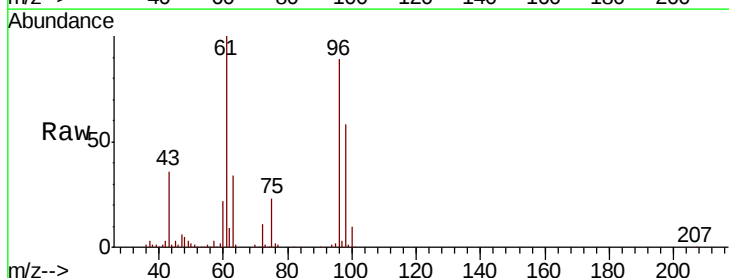
Acq: 06 Oct 2020 16:22

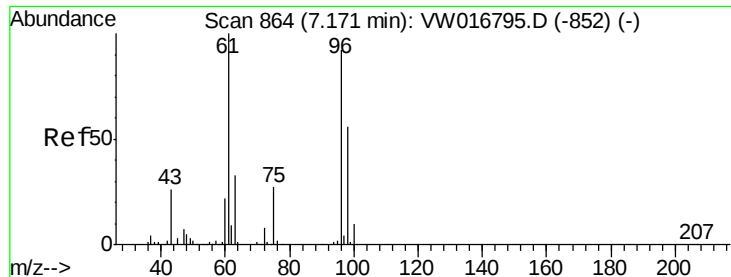
Tgt Ion: 43 Resp: 76455

Ion Ratio Lower Upper

43 100

72 32.0 16.2 48.5



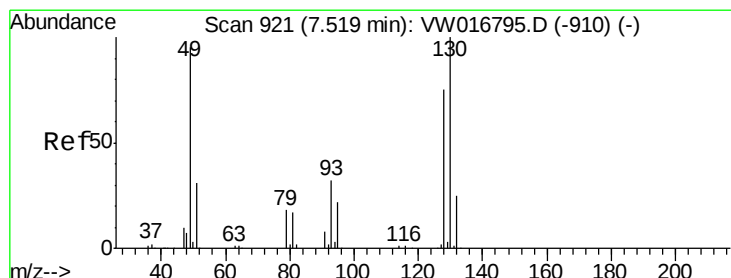
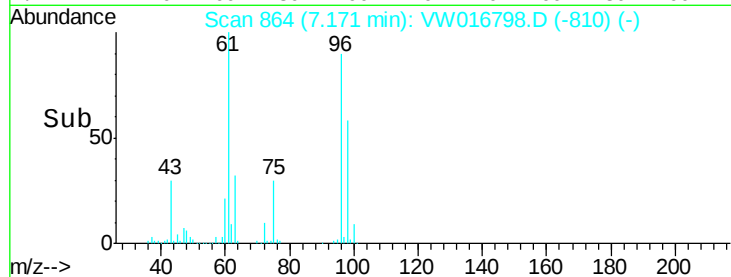
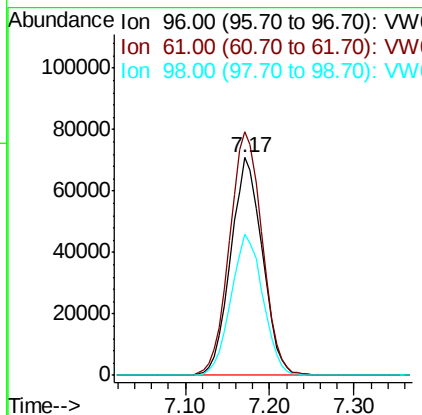
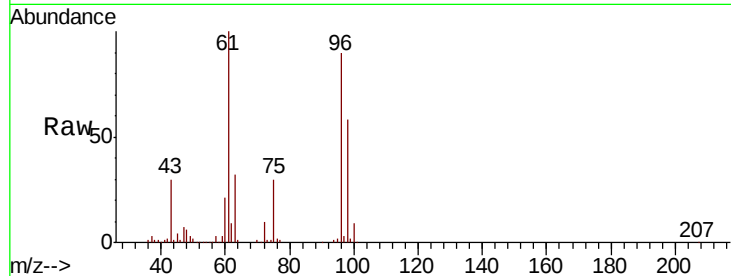


#22

cis-1,2-Dichloroethene
Concen: 24.385 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Instrument :
MSVOA_W
ClientSampled :
BFB09

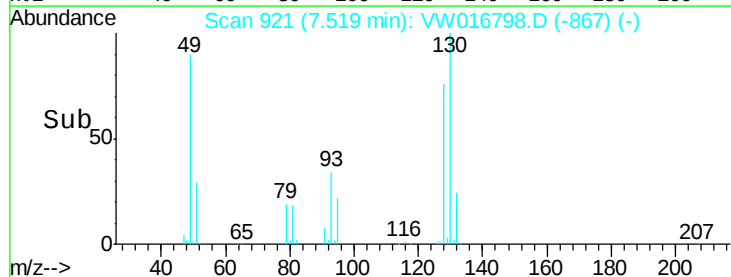
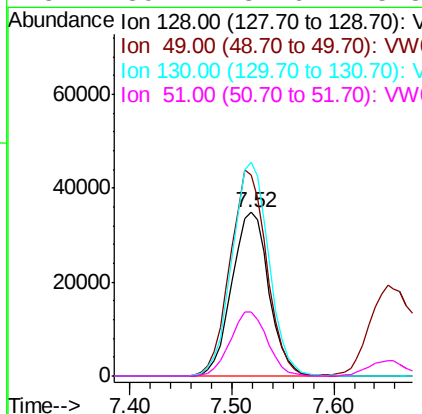
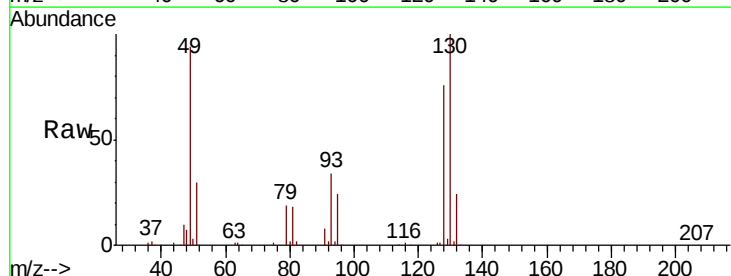
Tot Ion: 96 Resp: 181164
Ion Ratio Lower Upper
96 100
61 111.7 76.0 141.2
98 64.9 42.7 79.3

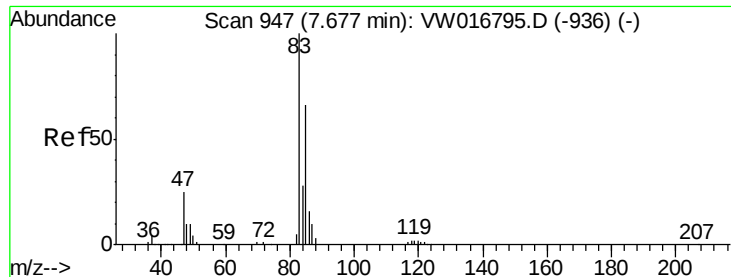


#23

Bromochloromethane
Concen: 25.190 ug/L
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion: 128 Resp: 87883
Ion Ratio Lower Upper
128 100
49 123.3 88.5 164.3
130 130.8 92.9 172.5
51 39.1 32.6 48.8





#25

Chloroform

Concen: 24.310 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

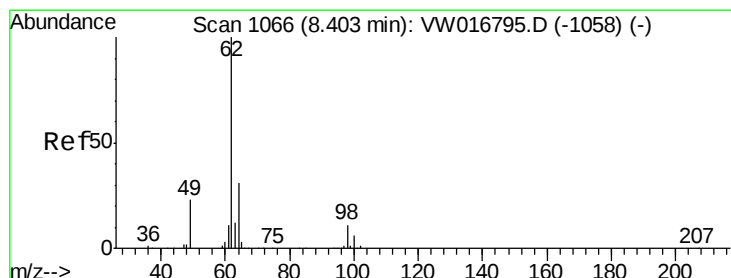
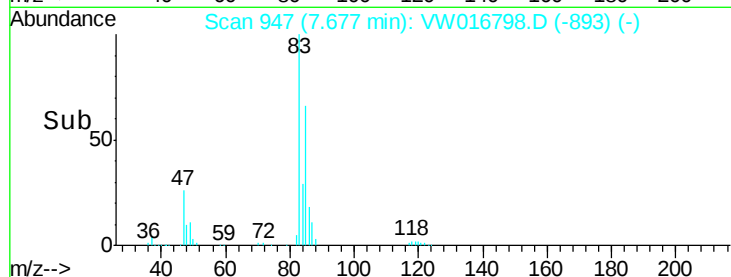
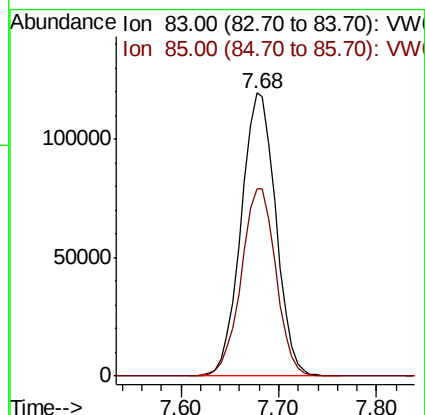
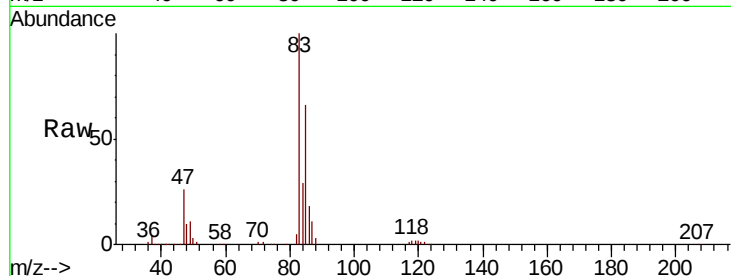
BFB09

Tot Ion: 83 Resp: 294355

Ion Ratio Lower Upper

83 100

85 66.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 25.313 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW016798.D

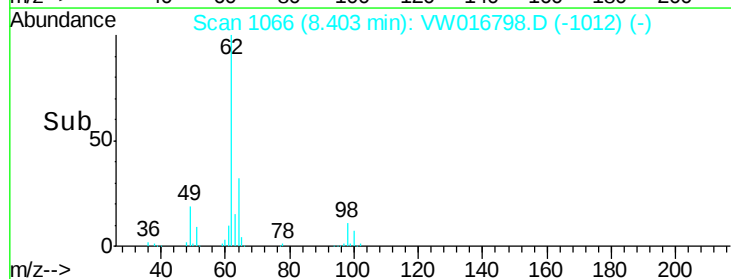
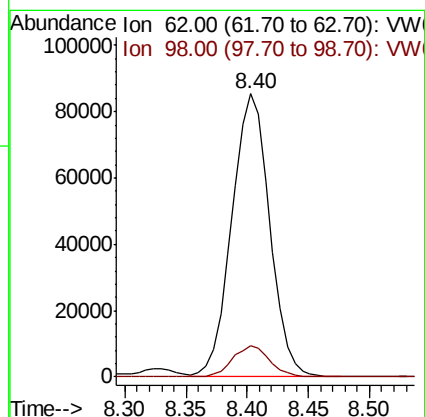
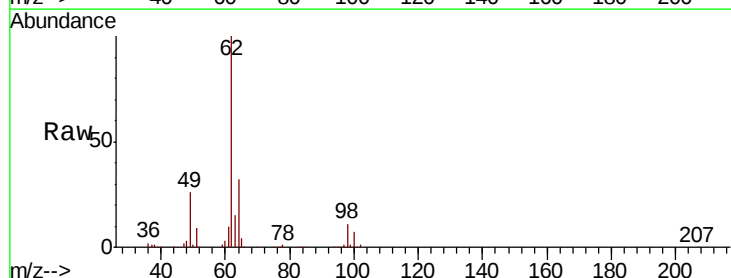
Acq: 06 Oct 2020 16:22

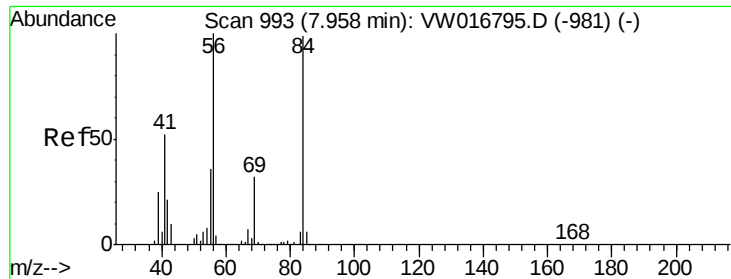
Tgt Ion: 62 Resp: 183355

Ion Ratio Lower Upper

62 100

98 11.0 8.6 12.8

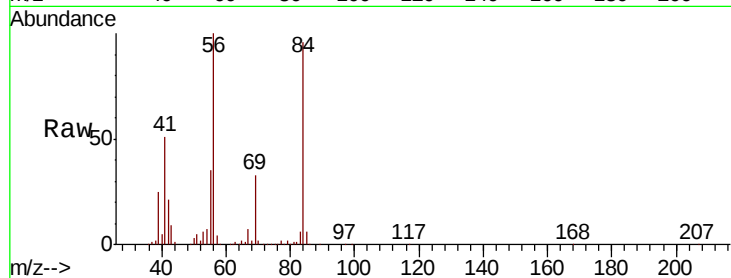




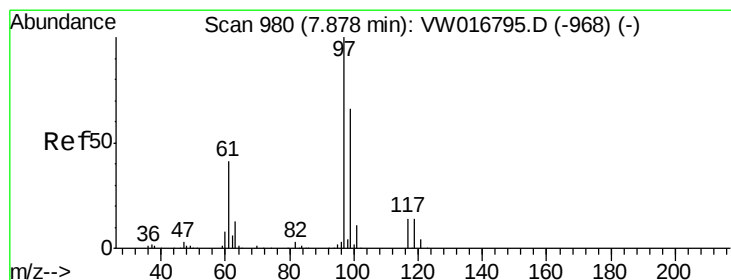
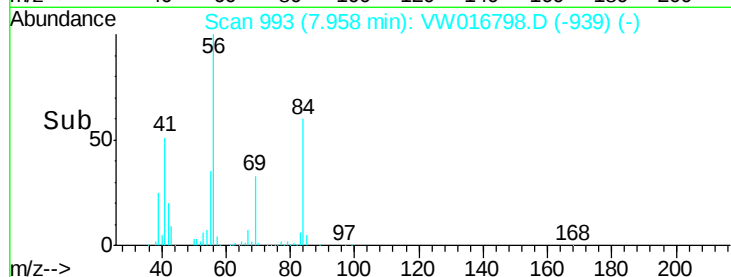
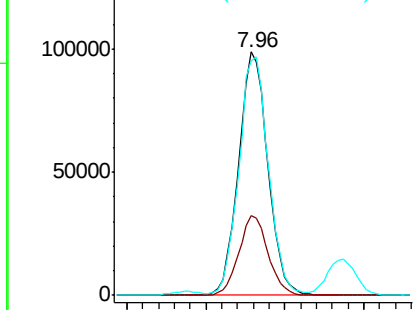
#30
Cyclohexane
Concen: 25.662 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Instrument :
MSVOA_W
ClientSampleId :
BFB09

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.1	39.1
84	99.4	79.3	118.9

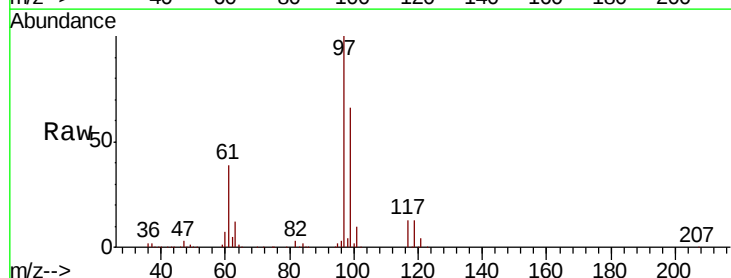


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

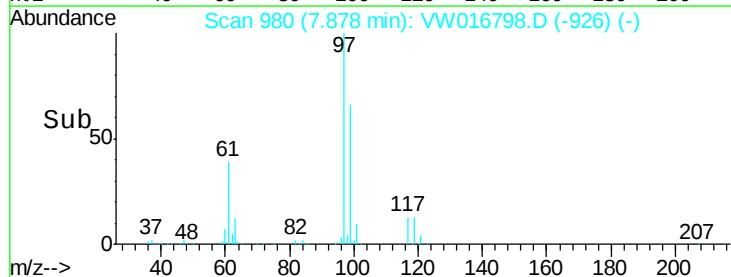
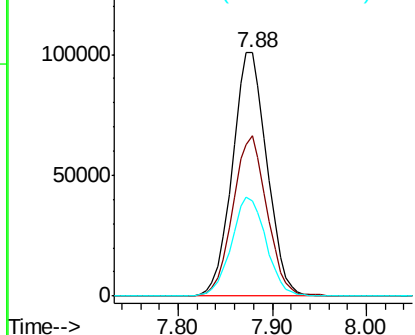


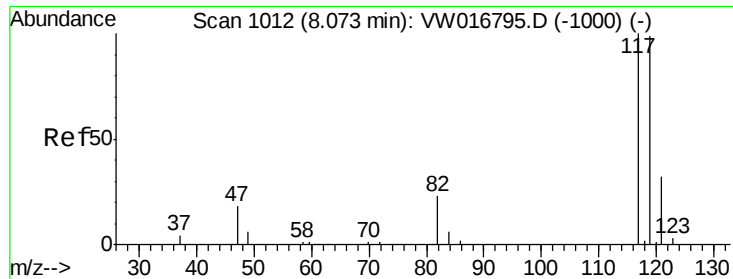
#31
1,1,1-Trichloroethane
Concen: 25.225 ug/L
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.5	77.3
61	40.8	32.5	48.7



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.587 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

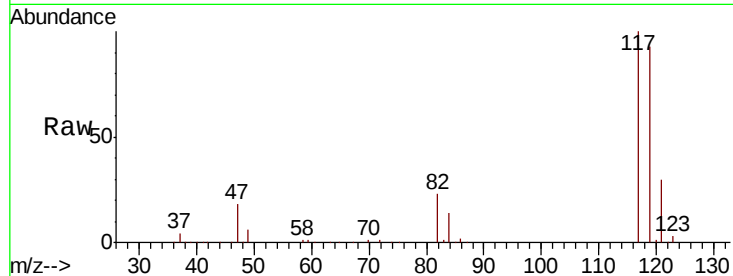
BFB09

Tot Ion:117 Resp: 254031

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

100000

80000

60000

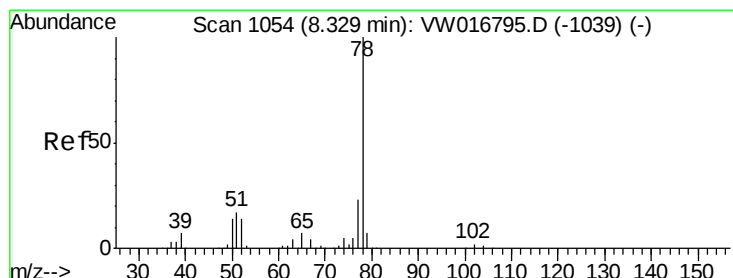
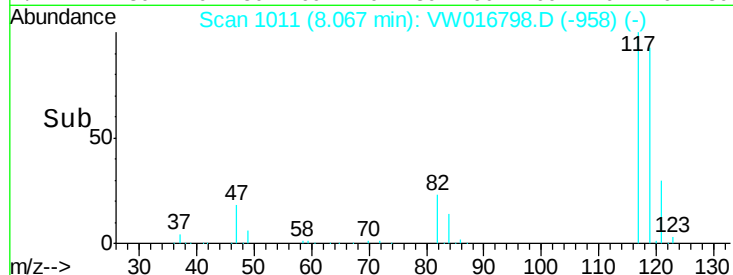
40000

20000

0

Time-->

8.00 8.10 8.20



#34

Benzene

Concen: 25.016 ug/L

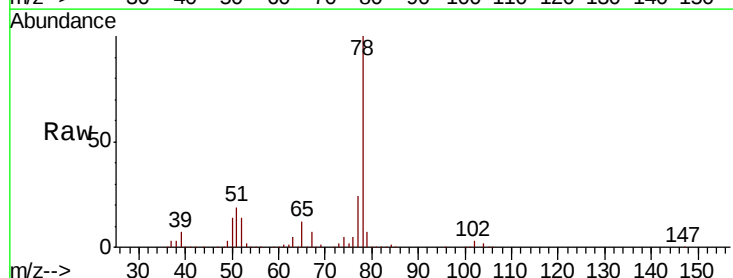
RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Tgt Ion: 78 Resp: 642701



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

300000

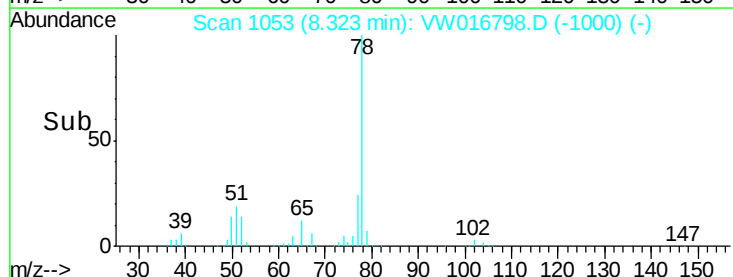
200000

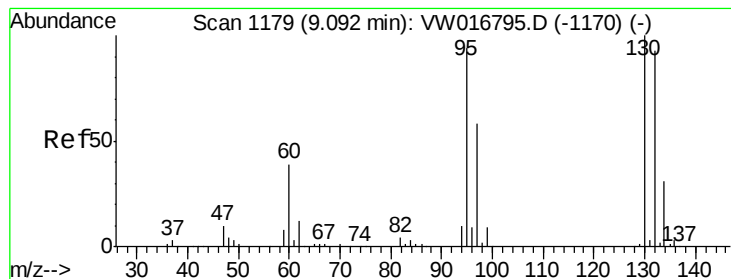
100000

0

Time-->

8.20 8.30 8.40





#35

Trichloroethene

Concen: 25.038 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

BFB09

Tot Ion: 95 Resp: 181956

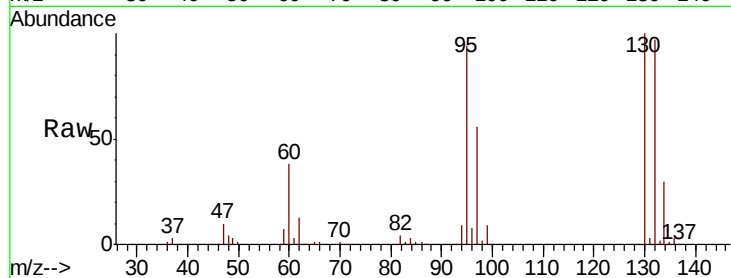
Ion Ratio Lower Upper

95 100

97 64.1 44.7 83.1

132 105.1 73.8 137.2

130 110.2 77.1 143.3



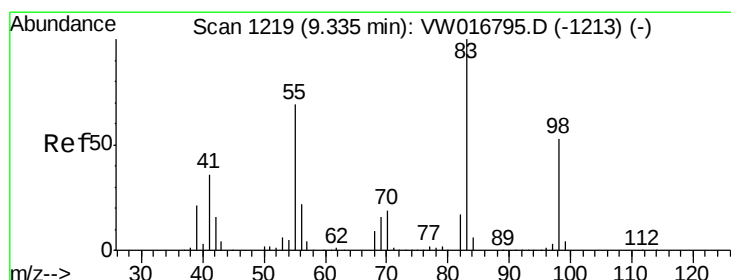
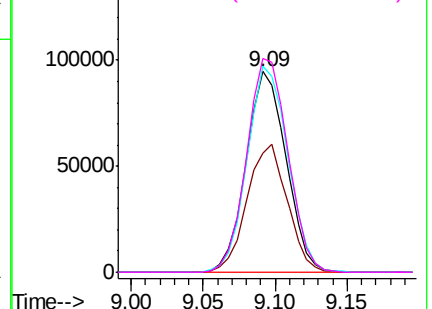
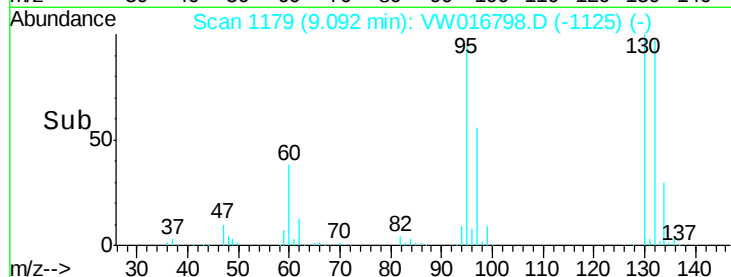
Abundance

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): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 25.486 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

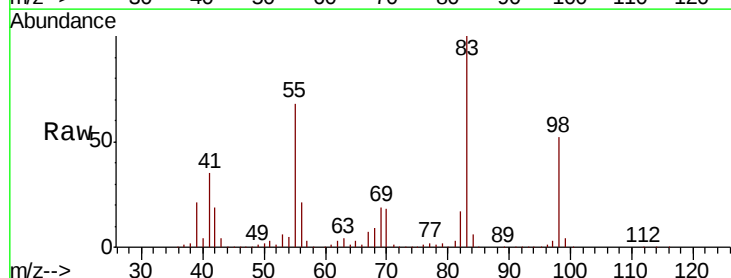
Tgt Ion: 83 Resp: 311419

Ion Ratio Lower Upper

83 100

55 68.9 54.2 81.4

98 51.6 41.4 62.2

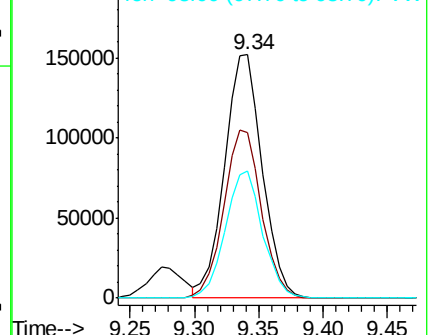
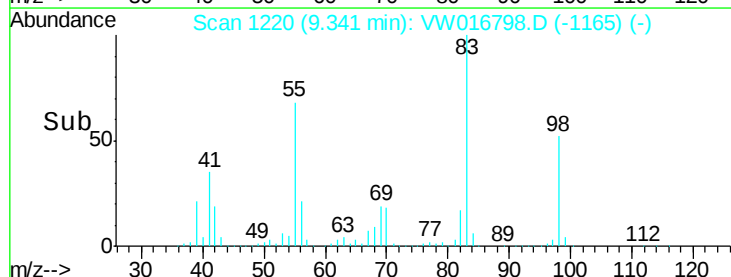


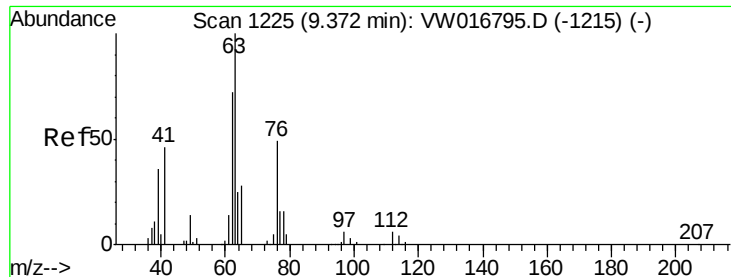
Abundance

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





#40

1,2-Dichloropropane

Concen: 25.293 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

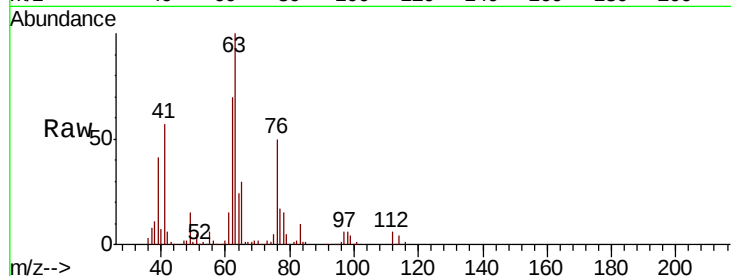
BFB09

Tot Ion: 63 Resp: 146937

Ion Ratio Lower Upper

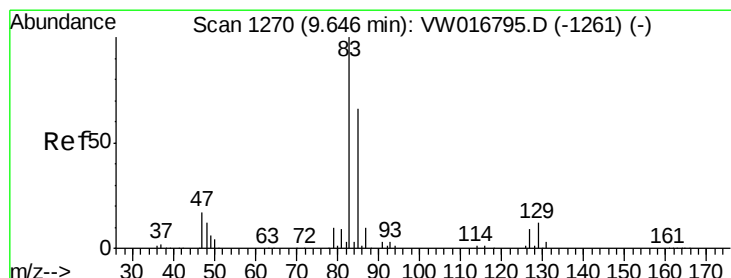
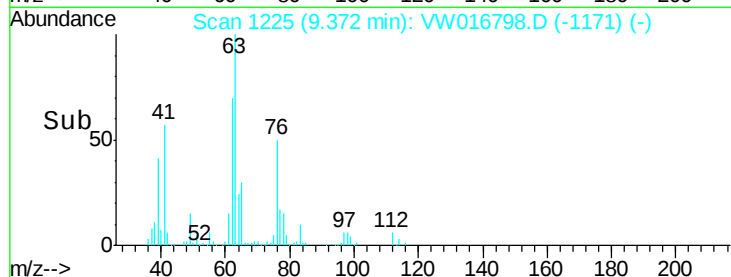
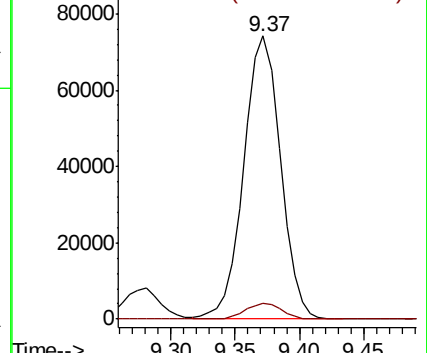
63 100

112 5.7 4.5 6.7



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 25.573 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

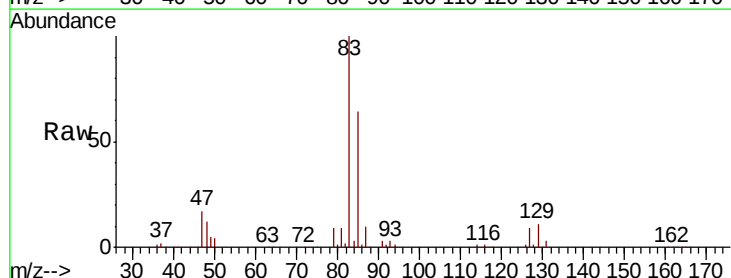
Tgt Ion: 83 Resp: 208710

Ion Ratio Lower Upper

83 100

85 63.7 46.2 85.8

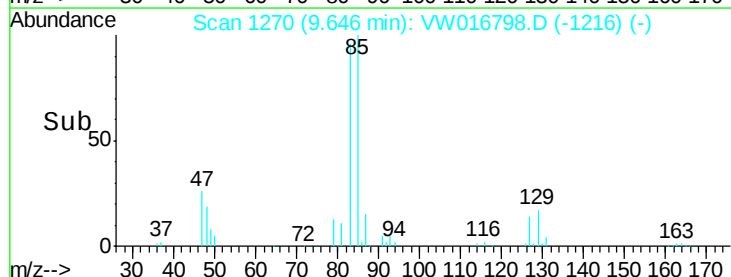
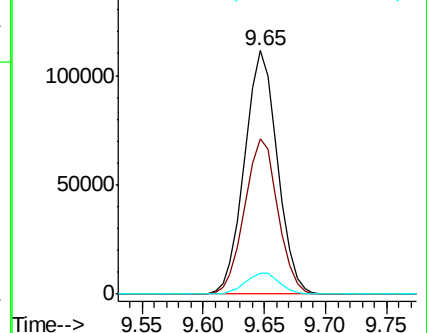
127 8.7 7.5 11.3

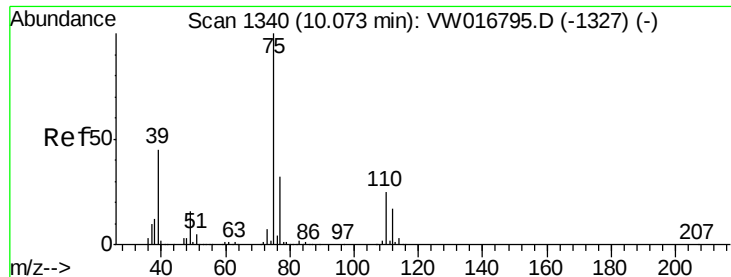


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 26.009 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

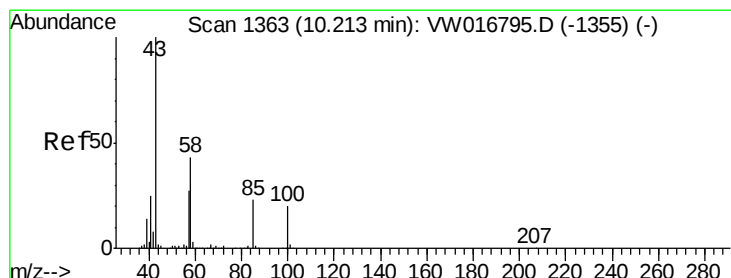
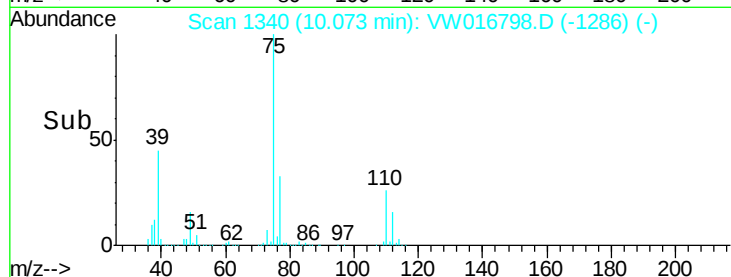
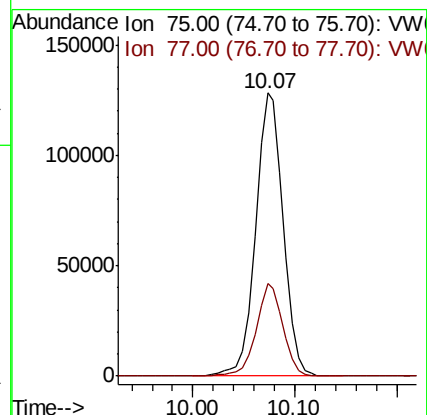
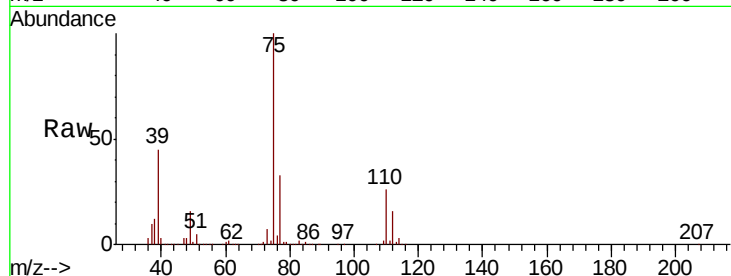
BFB09

Tot Ion: 75 Resp: 240910

Ion Ratio Lower Upper

75 100

77 32.8 22.1 41.1



#43

4-Methyl-2-pentanone

Concen: 57.228 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

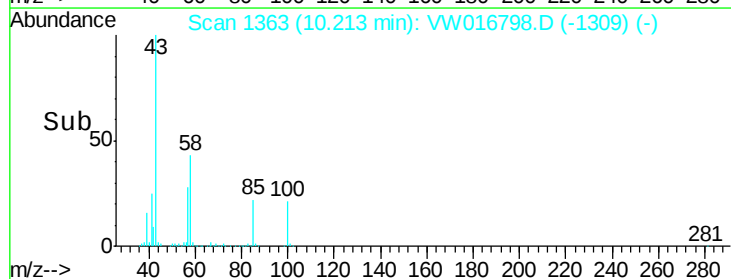
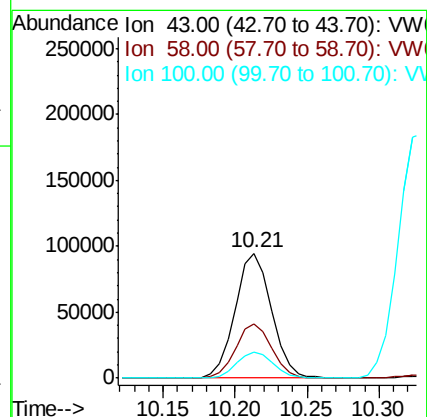
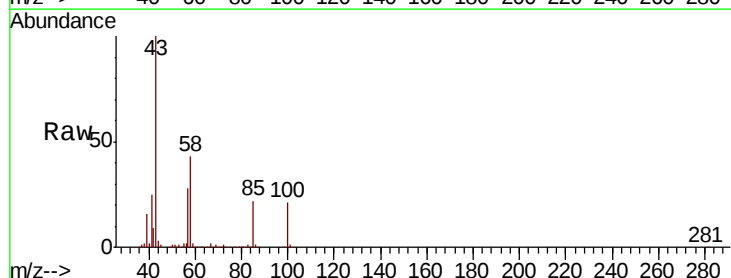
Tgt Ion: 43 Resp: 167377

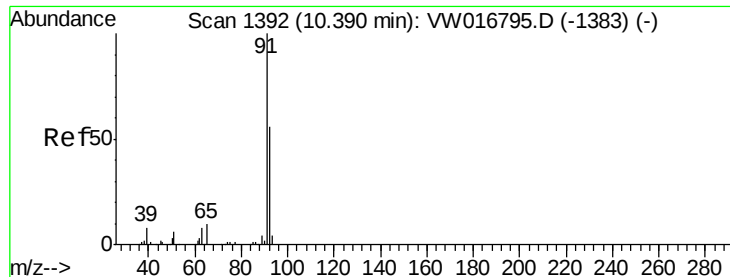
Ion Ratio Lower Upper

43 100

58 43.1 34.7 52.1

100 20.9 16.9 25.3





#44

Toluene

Concen: 25.161 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

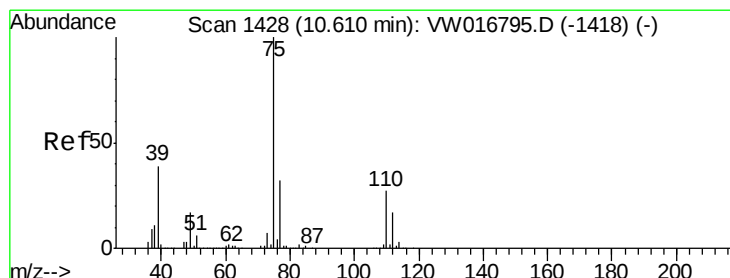
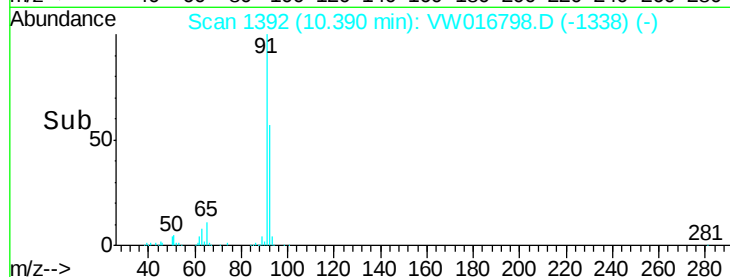
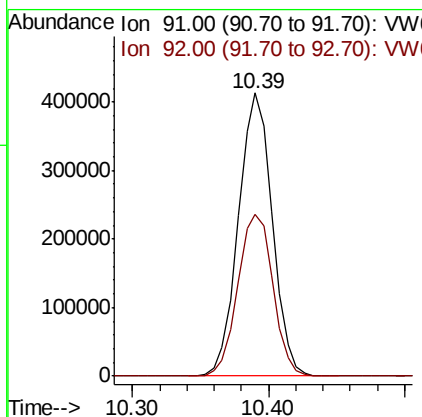
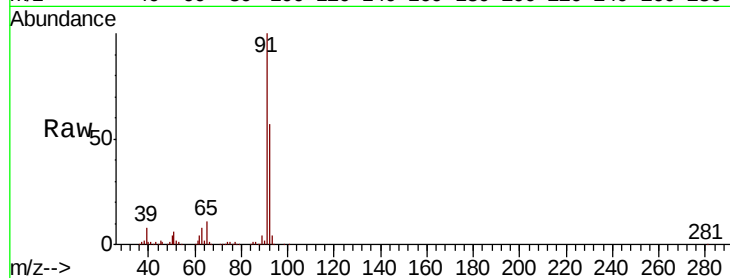
BFB09

Tot Ion: 91 Resp: 717103

Ion Ratio Lower Upper

91 100

92 57.0 39.4 73.2



#45

trans-1,3-Dichloropropene

Concen: 26.877 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016798.D

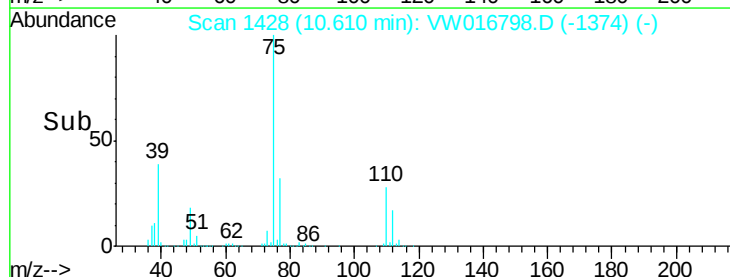
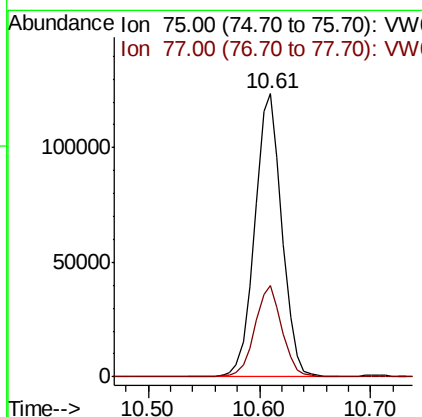
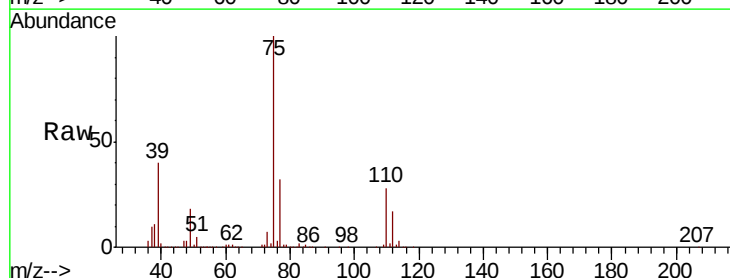
Acq: 06 Oct 2020 16:22

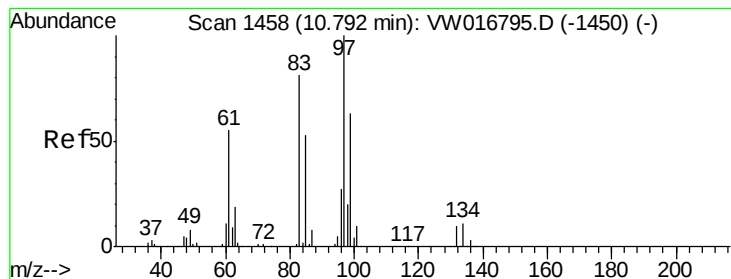
Tgt Ion: 75 Resp: 209491

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2





#46

1,1,2-Trichloroethane

Concen: 26.530 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampled :

BFB09

Tot Ion: 97 Resp: 125291

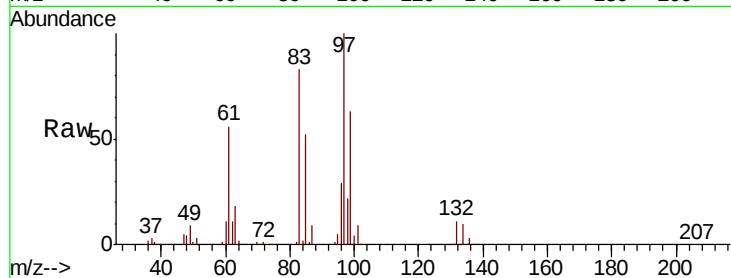
Ion Ratio Lower Upper

97 100

83 83.4 56.8 105.4

85 52.4 37.0 68.6

99 62.9 44.2 82.2



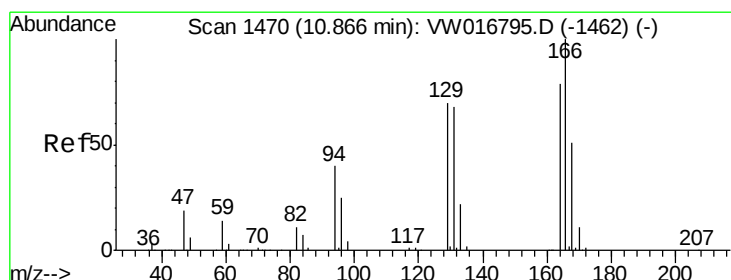
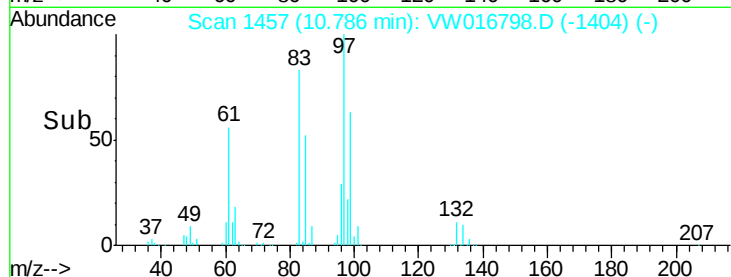
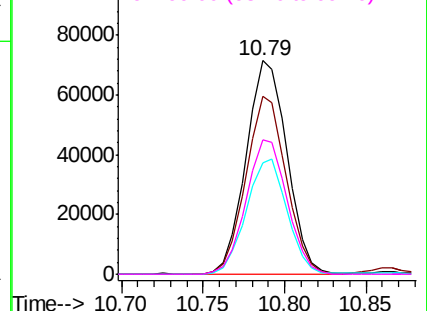
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 24.555 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Tgt Ion: 164 Resp: 165439

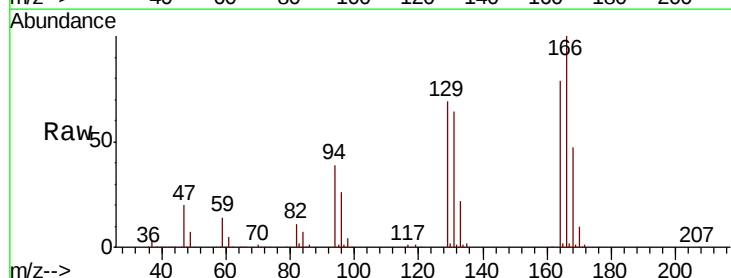
Ion Ratio Lower Upper

164 100

129 88.0 61.7 114.7

131 81.6 59.7 110.9

166 126.8 88.3 164.1



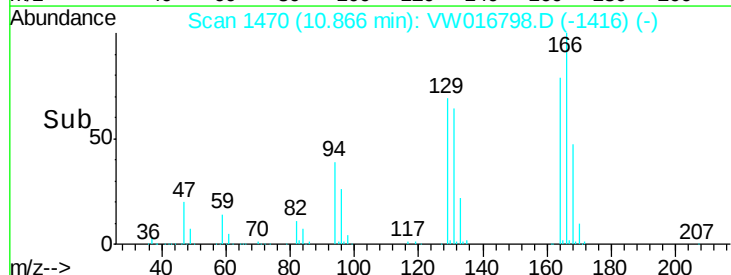
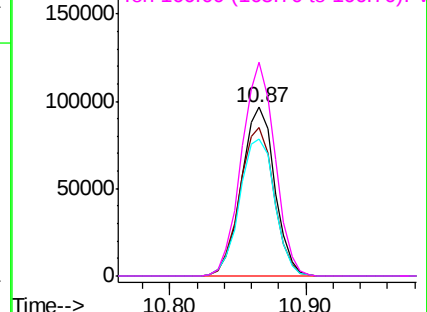
Abundance

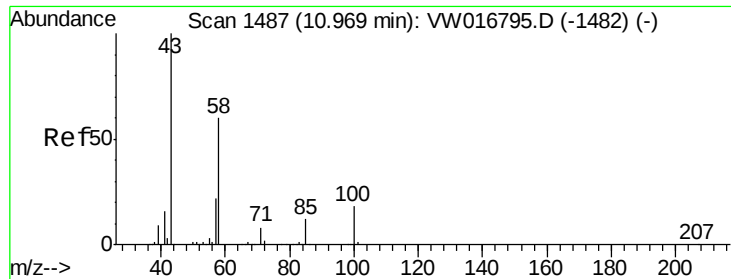
Ion 164.00 (163.70 to 164.70): V

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

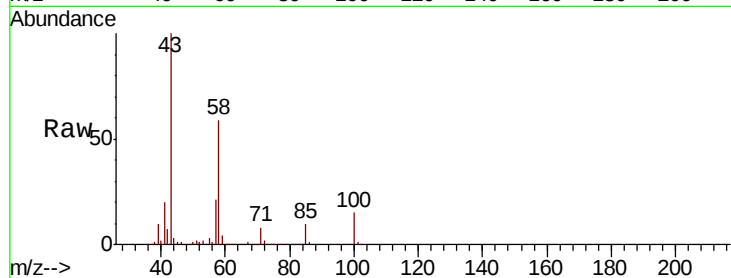




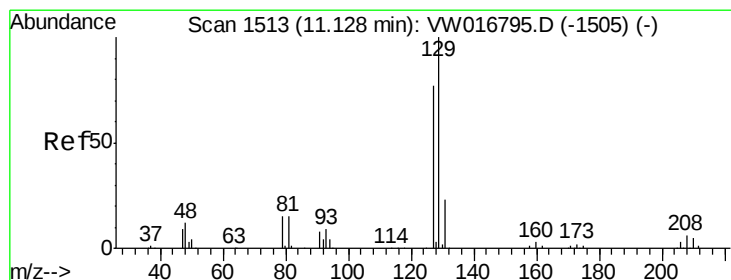
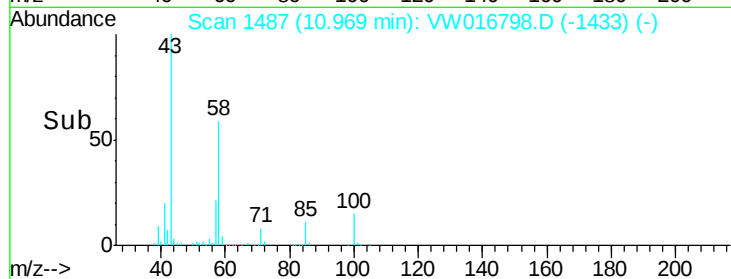
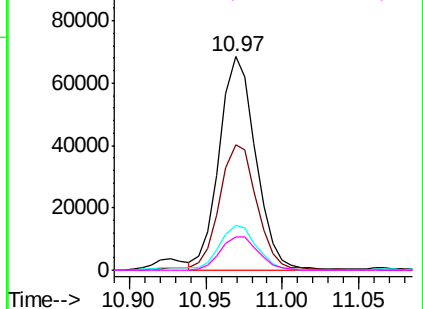
#49
2-Hexanone
Concen: 58.885 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Instrument :
MSVOA_W
ClientSampleId :
BFB09

Tot Ion: 43 Resp: 113677
Ion Ratio Lower Upper
43 100
58 60.0 47.1 70.7
57 20.7 16.2 24.4
100 16.3 13.3 19.9

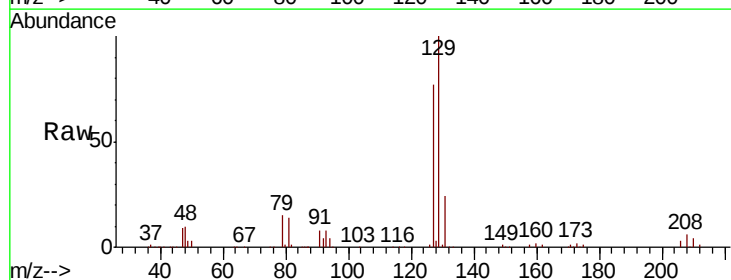


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

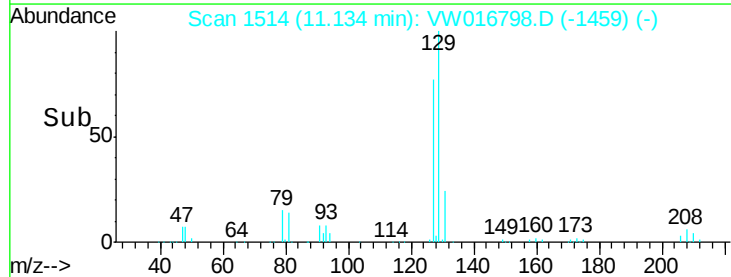
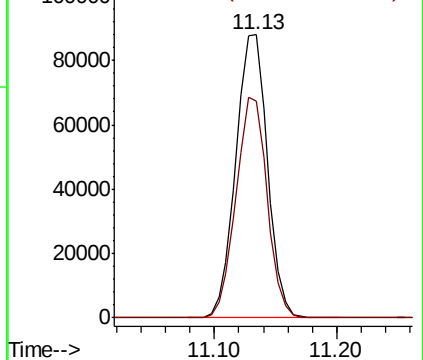


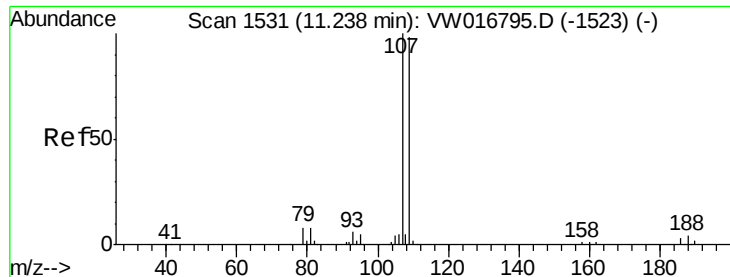
#50
Dibromochloromethane
Concen: 26.893 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion: 129 Resp: 157890
Ion Ratio Lower Upper
129 100
127 76.6 54.0 100.4



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

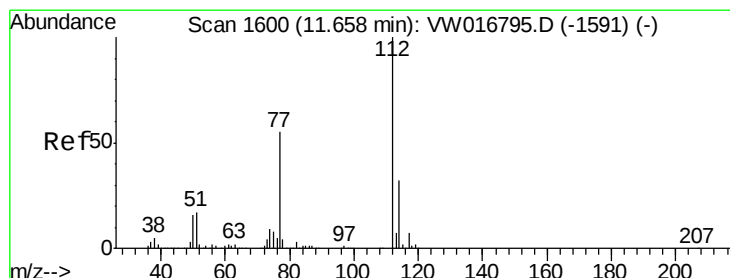
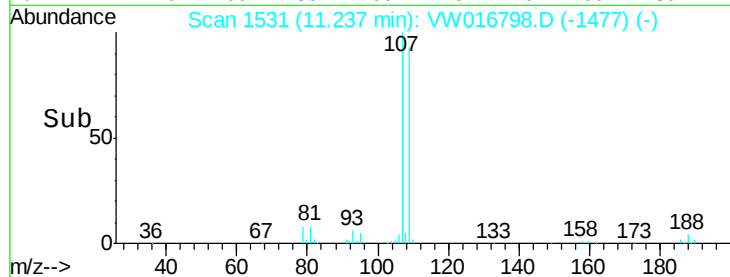
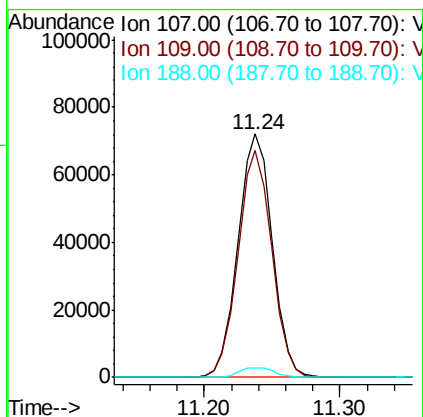
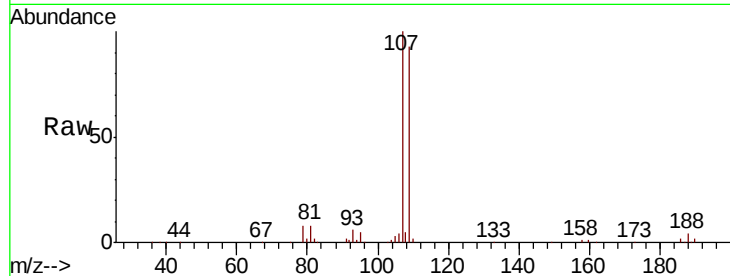




#51
 1,2-Dibromoethane
 Concen: 27.338 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

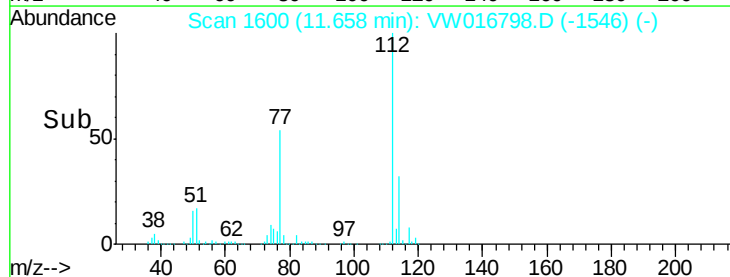
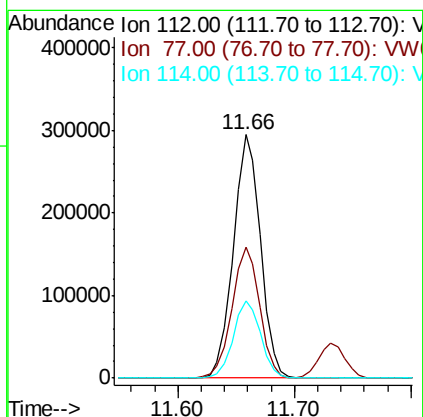
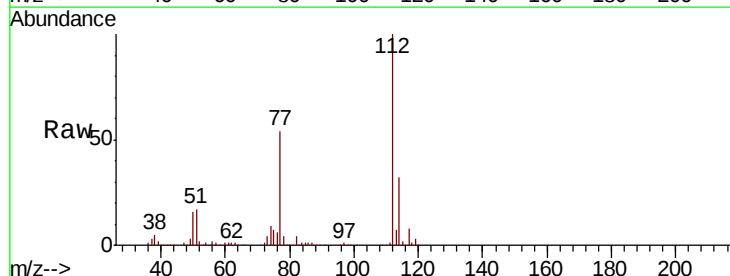
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB09

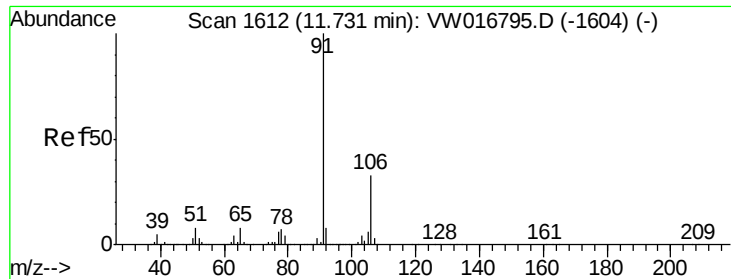
Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	68.4	127.0
188	3.9	3.4	5.0



#52
 Chlorobenzene
 Concen: 24.969 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
77	54.0	44.0	66.0
114	31.9	22.3	41.3

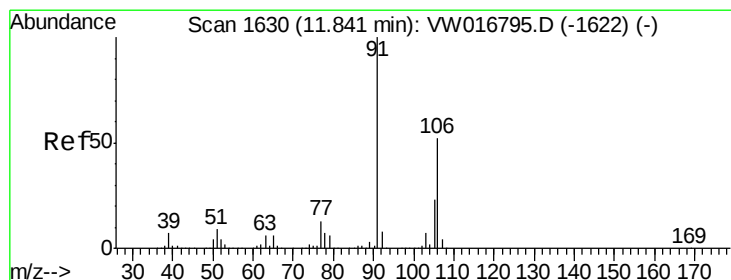
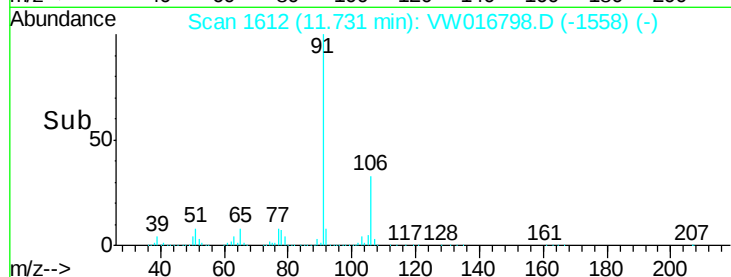
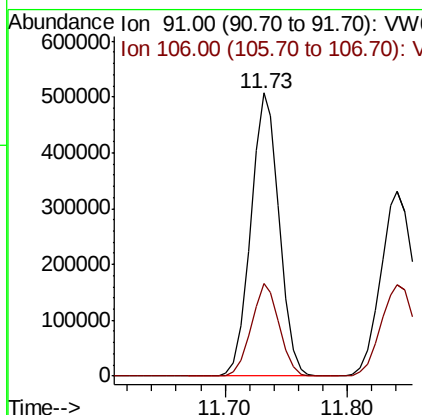
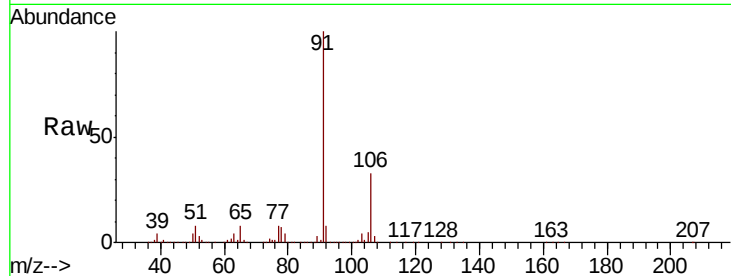




#53
Ethylbenzene
Concen: 25.549 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

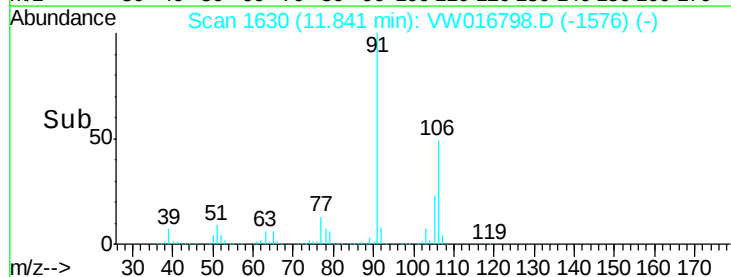
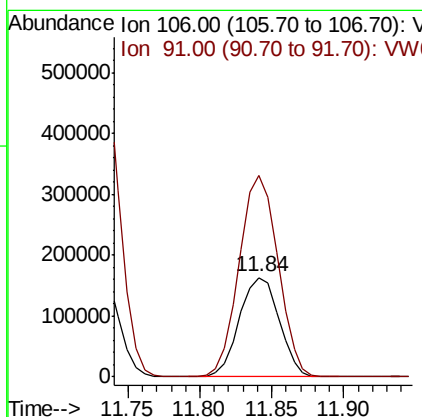
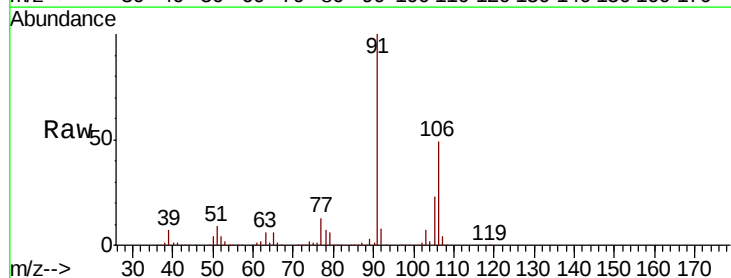
Instrument :
MSVOA_W
ClientSampleId :
BFB09

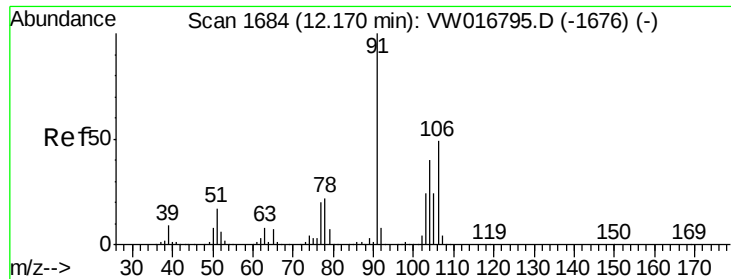
Tot Ion: 91 Resp: 816875
Ion Ratio Lower Upper
91 100
106 32.9 22.8 42.4



#54
m,p-Xylene
Concen: 25.360 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion: 106 Resp: 315342
Ion Ratio Lower Upper
106 100
91 203.0 135.6 251.8

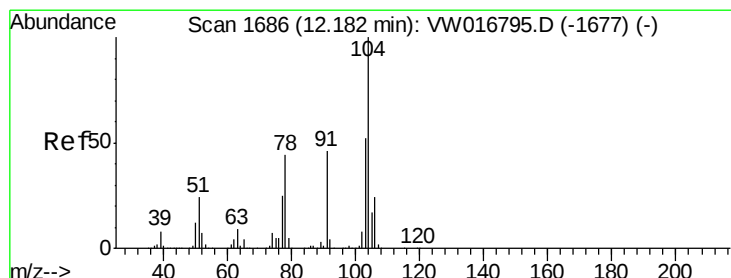
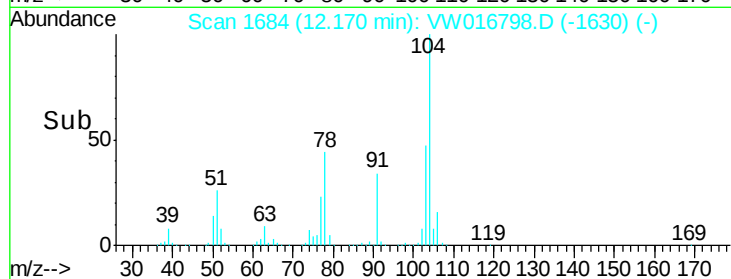
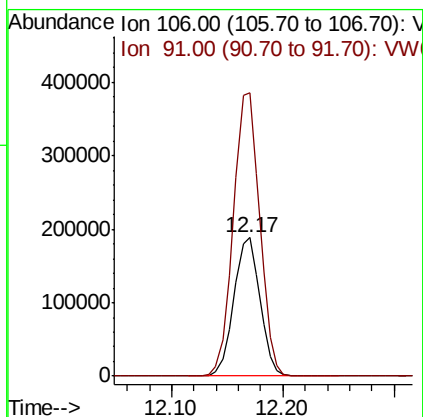
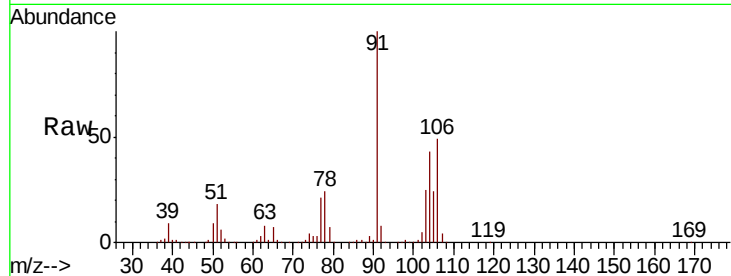




#55
o-xylene
Concen: 25.773 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

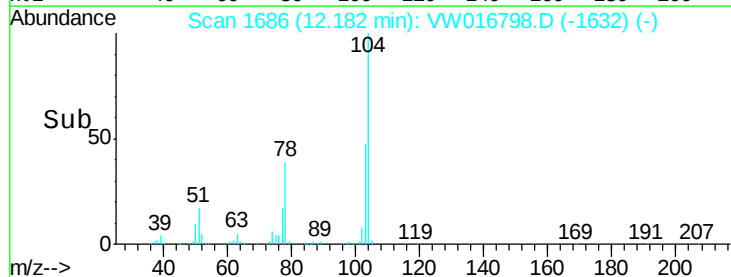
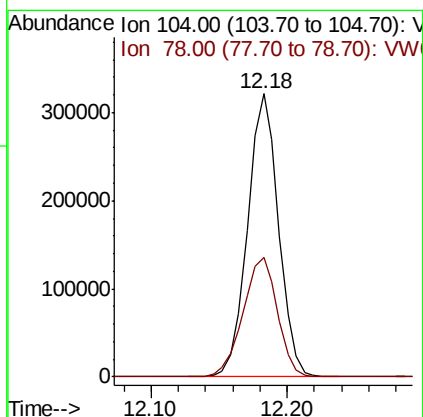
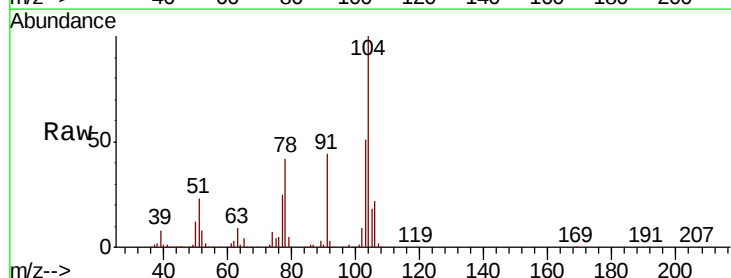
Instrument :
MSVOA_W
ClientSampled :
BFB09

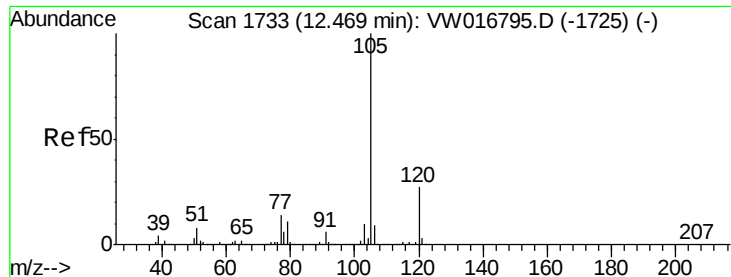
Tot Ion:106 Resp: 306196
Ion Ratio Lower Upper
106 100
91 204.5 142.6 264.8



#56
Styrene
Concen: 26.053 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016798.D
Acq: 06 Oct 2020 16:22

Tgt Ion:104 Resp: 510774
Ion Ratio Lower Upper
104 100
78 42.3 30.7 57.1





#57

Isopropylbenzene

Concen: 25.419 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

BFB09

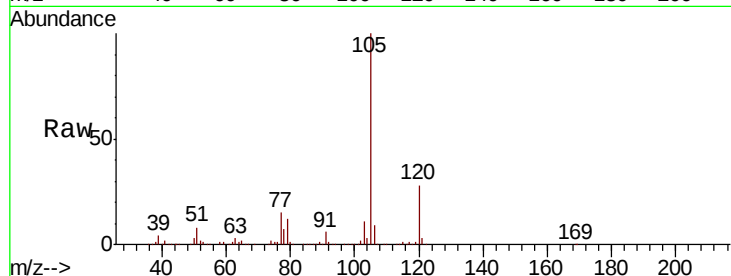
Tot Ion:105 Resp: 826956

Ion Ratio Lower Upper

105 100

120 27.6 21.5 32.3

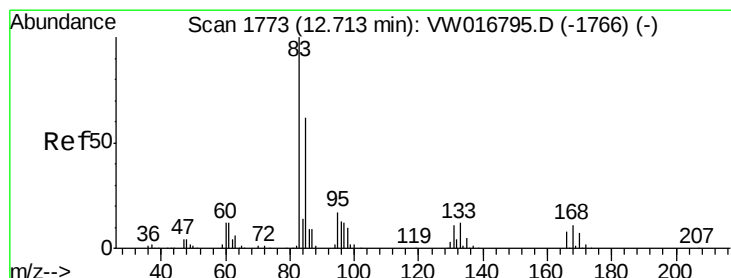
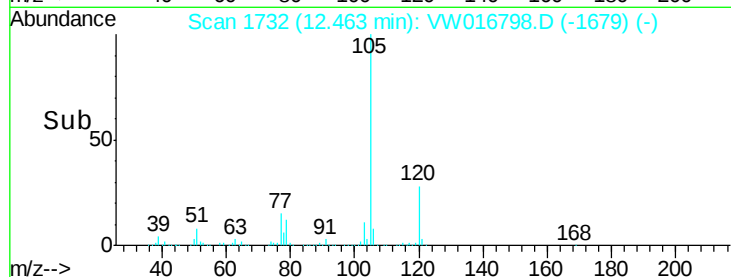
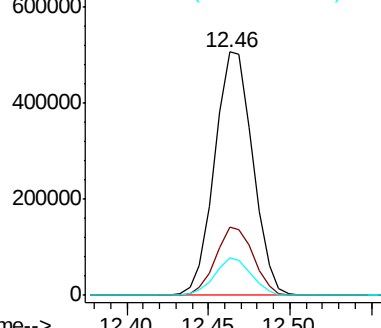
77 14.6 11.4 17.2



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



#58

1,1,2,2-Tetrachloroethane

Concen: 27.627 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

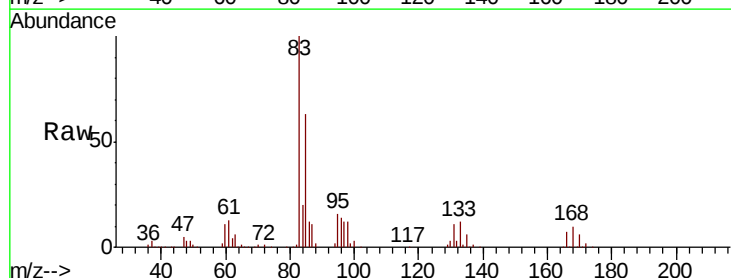
Tgt Ion: 83 Resp: 144191

Ion Ratio Lower Upper

83 100

85 63.0 43.3 80.5

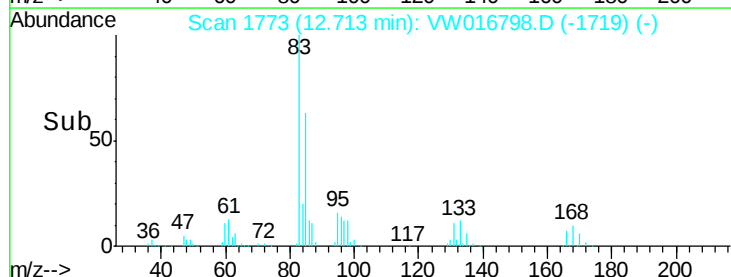
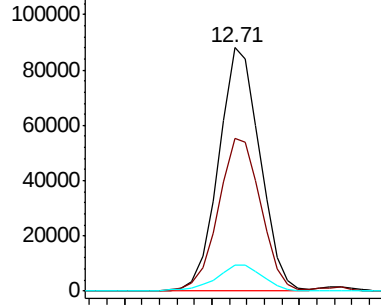
131 10.7 9.0 13.4

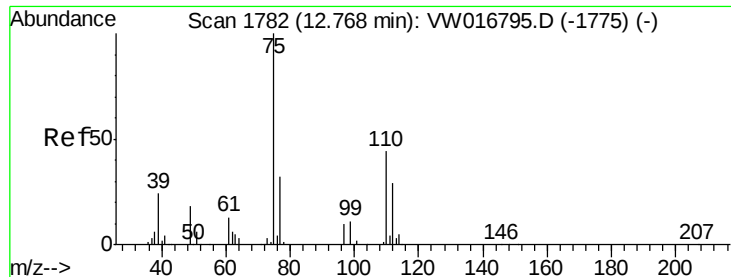


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 28.118 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

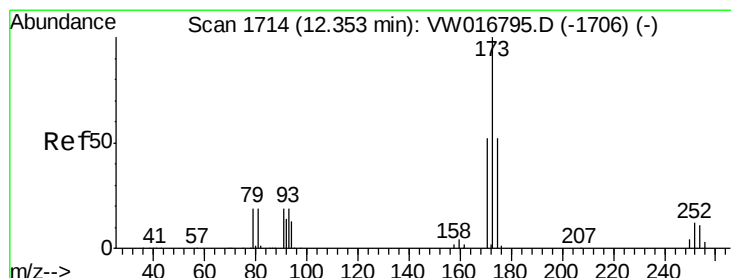
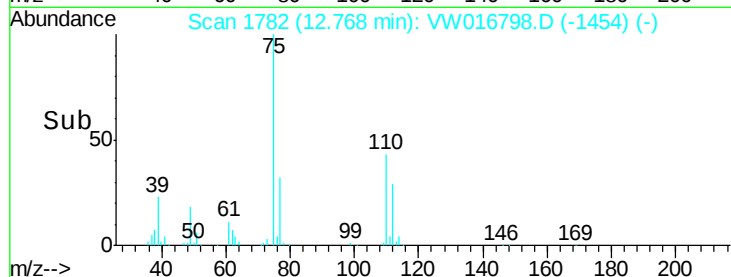
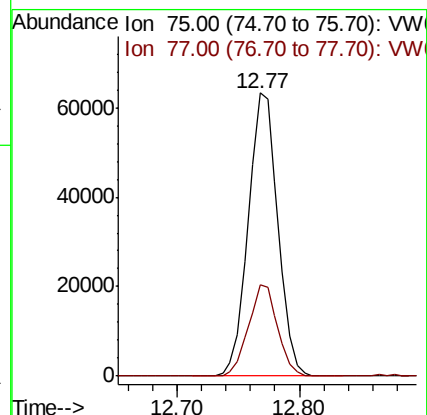
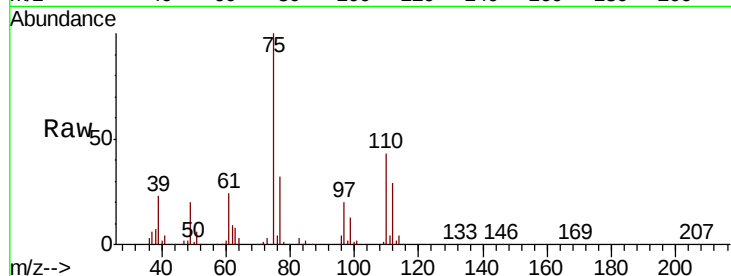
BFB09

Tot Ion: 75 Resp: 106310

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2



#62

Bromoform

Concen: 26.536 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

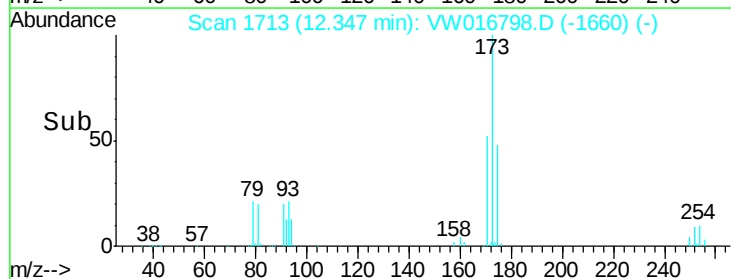
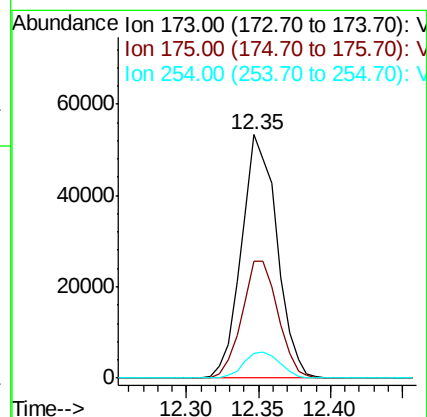
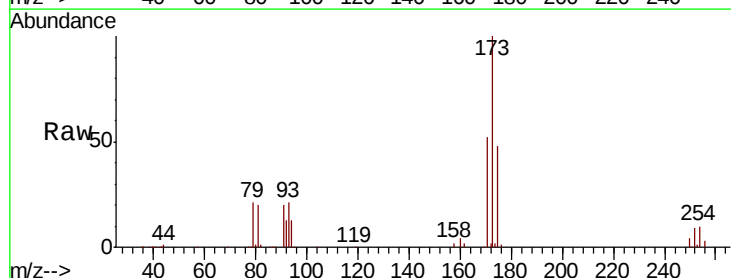
Tgt Ion: 173 Resp: 91015

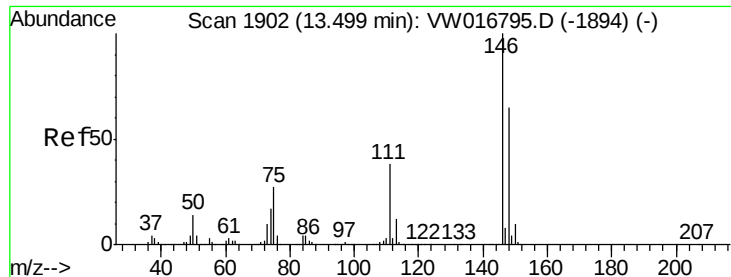
Ion Ratio Lower Upper

173 100

175 48.9 39.9 59.9

254 10.9 8.7 13.1

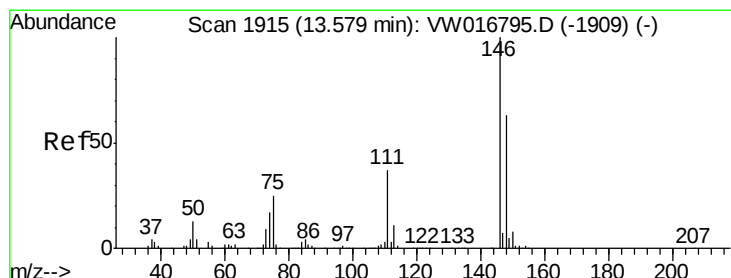
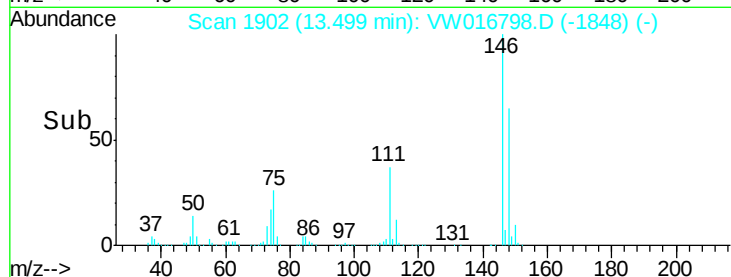
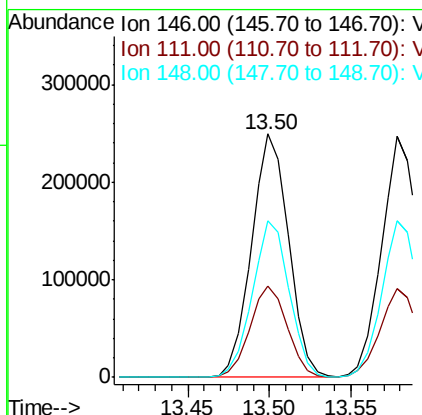
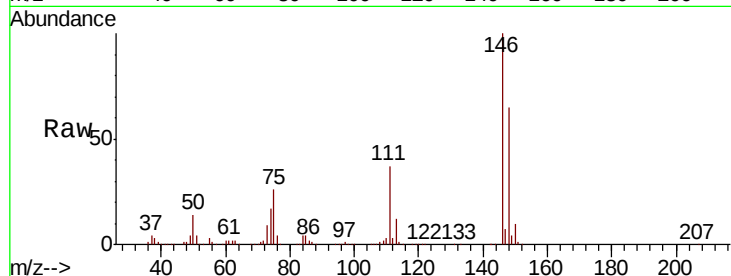




#63
 1,3-Dichlorobenzene
 Concen: 25.466 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

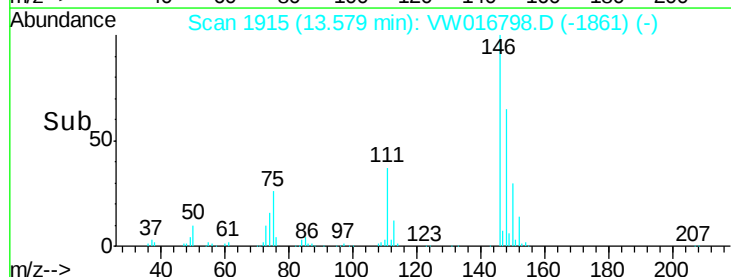
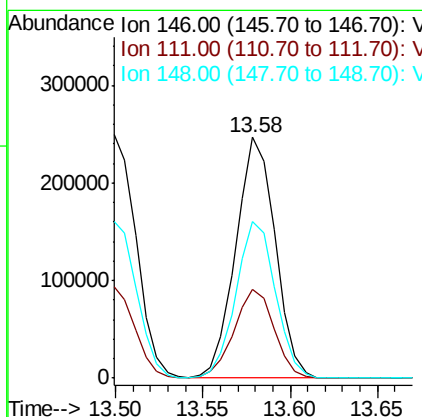
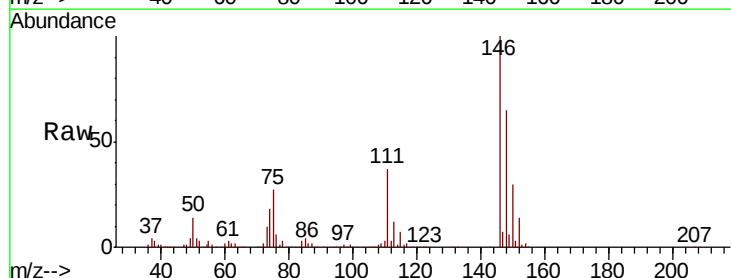
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB09

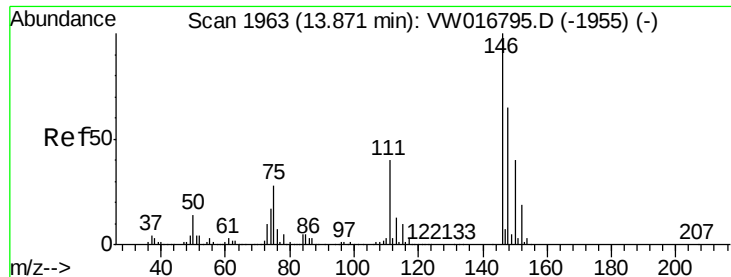
Tot Ion:146 Resp: 395151
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.9 49.9
 148 64.5 45.7 84.9



#64
 1,4-Dichlorobenzene
 Concen: 25.119 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

Tgt Ion:146 Resp: 389811
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.0 48.4
 148 64.8 43.9 81.5

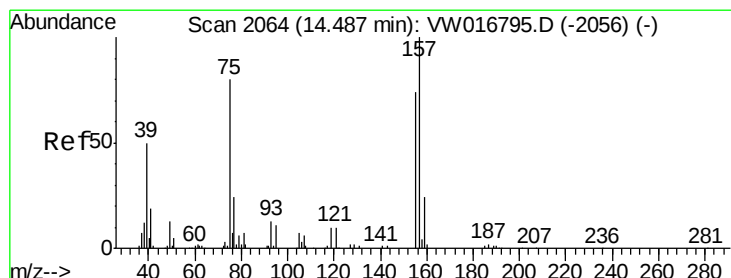
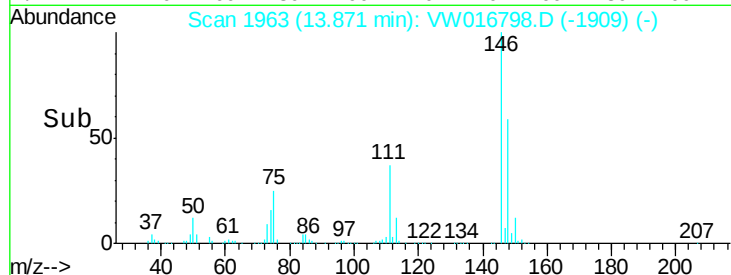
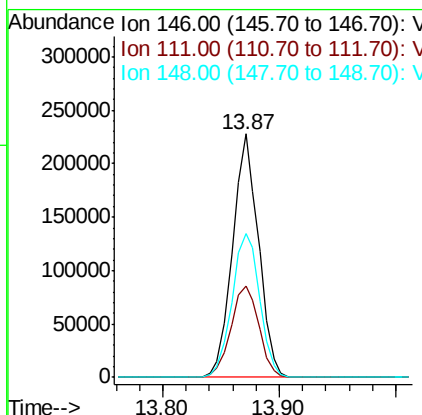
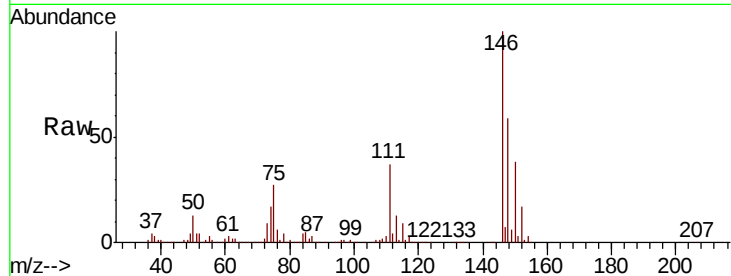




#65
 1,2-Dichlorobenzene
 Concen: 25.420 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

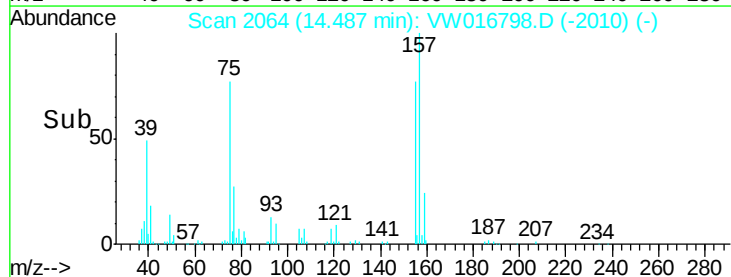
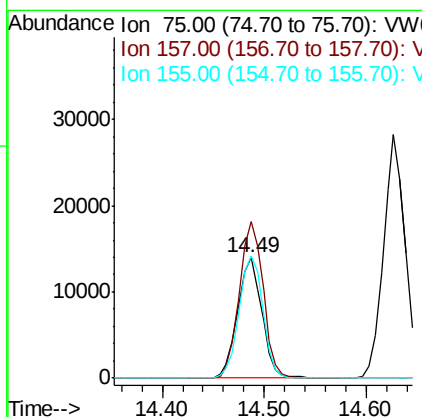
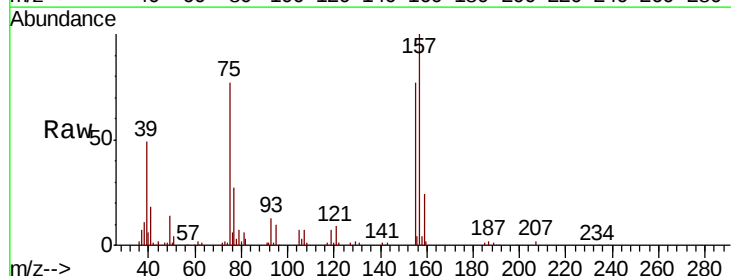
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB09

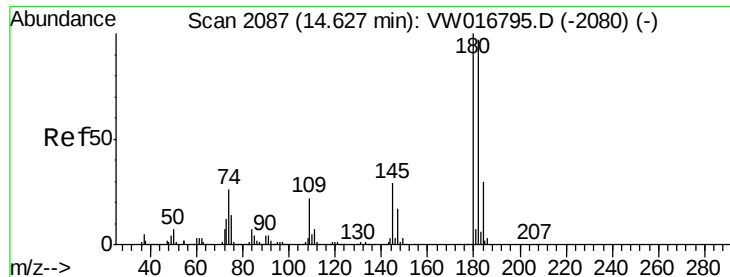
Tot Ion:146 Resp: 353162
 Ion Ratio Lower Upper
 146 100
 111 37.4 32.1 48.1
 148 59.3 51.8 77.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 27.096 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

Tgt Ion: 75 Resp: 22835
 Ion Ratio Lower Upper
 75 100
 157 130.2 100.5 150.7
 155 100.8 74.7 112.1

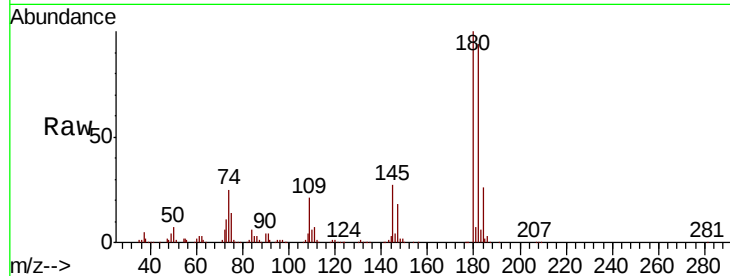




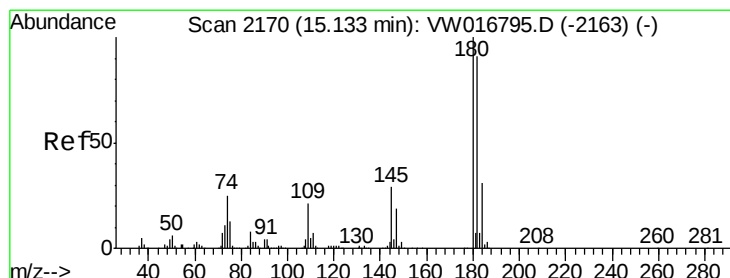
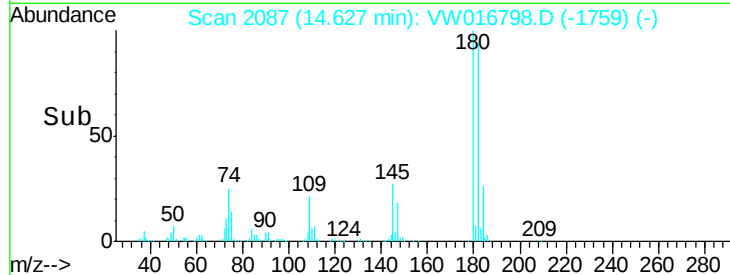
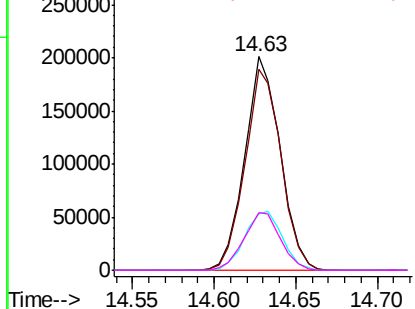
#67
 1,3,5-Trichlorobenzene
 Concen: 26.310 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB09

Tot Ion:180	Resp:	303458
Ion	Ratio	Lower Upper
180	100	
182	95.6	79.0 118.6
184	29.4	24.9 37.3
145	28.1	23.0 34.4

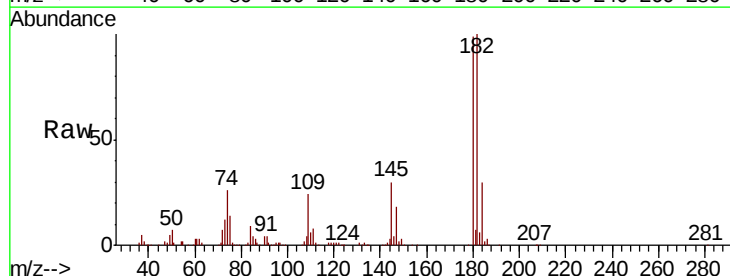


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

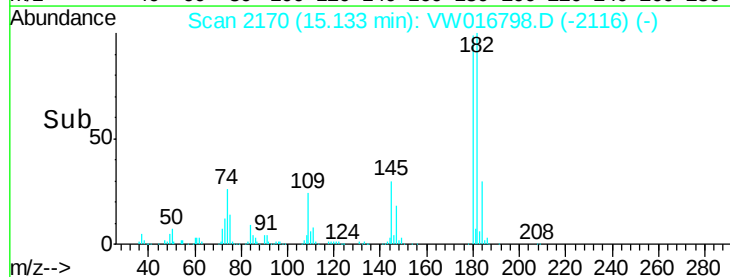
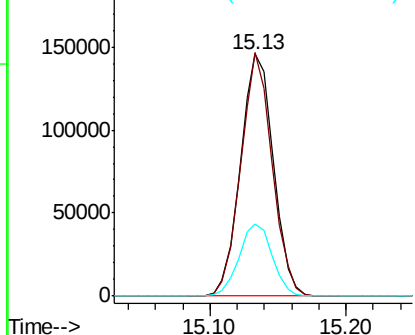


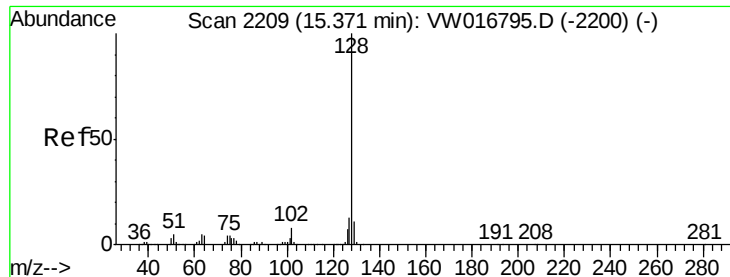
#68
 1,2,4-trichlorobenzene
 Concen: 26.010 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016798.D
 Acq: 06 Oct 2020 16:22

Tgt Ion:180	Resp:	246411
Ion	Ratio	Lower Upper
180	100	
182	95.4	74.2 111.2
145	30.0	23.4 35.0



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





#69

Naphthalene

Concen: 29.490 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

BFB09

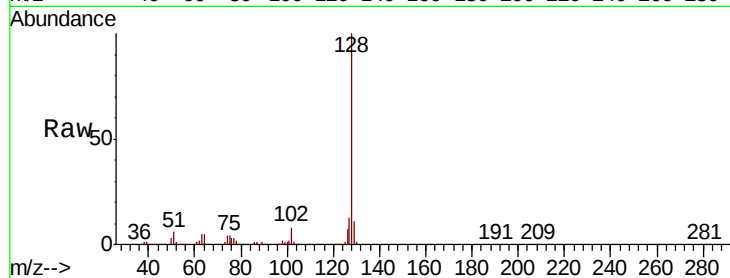
Tot Ion:128 Resp: 462630

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

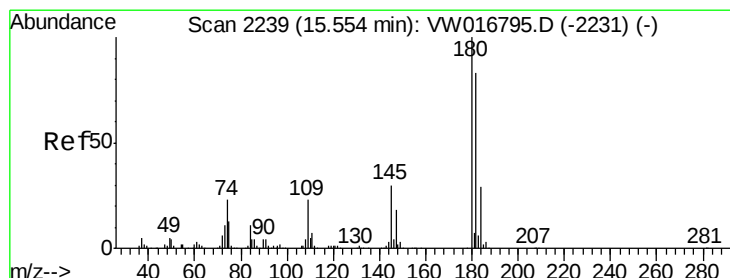
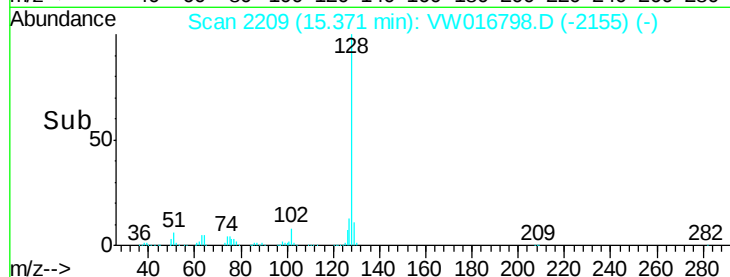
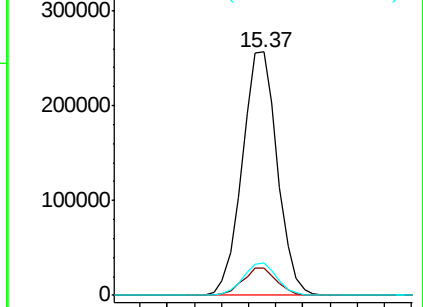
127 13.0 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 27.138 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW016798.D

Acq: 06 Oct 2020 16:22

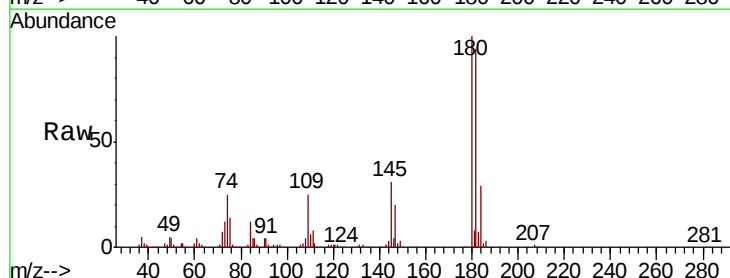
Tgt Ion:180 Resp: 220924

Ion Ratio Lower Upper

180 100

182 95.8 74.1 111.1

145 31.2 24.8 37.2



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

