

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016791.D
 Acq On : 06 Oct 2020 12:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 02:02:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 06 11:26:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	546332	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	508847	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	262395	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126839	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.68%
7) Chloroethane-d5	2.89	69	107548	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	4.03	63	273082	25.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.40%
21) 2-Butanone-d5	7.07	46	63788	56.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.20%
24) Chloroform-d	7.65	84	283317	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.31	65	141997	26.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	8.27	84	554986	24.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	9.27	67	149880	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	10.32	98	529728	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	10.58	79	70195	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.40%
47) 2-Hexanone-d5	10.93	63	52752	56.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.92%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	129292	27.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.32%
66) 1,2-Dichlorobenzene-d4	13.85	152	195918	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	172097	25.574	ug/L	99
3) Chloromethane	2.21	50	141888	25.017	ug/L	98
5) Vinyl chloride	2.37	62	188866	27.413	ug/L	99
6) Bromomethane	2.78	94	132775	24.536	ug/L	94
8) Chloroethane	2.93	64	115156	24.690	ug/L	96
9) Trichlorofluoromethane	3.26	101	120357	22.281	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	179611	24.215	ug/L	100
12) 1,1-Dichloroethene	4.04	96	177161	25.465	ug/L	94
13) Acetone	4.12	43	49631	49.986	ug/L	99
14) Carbon disulfide	4.39	76	504872	25.835	ug/L	100
15) Methyl Acetate	4.67	43	61774	28.359	ug/L	99
16) Methylene chloride	4.92	84	170914	21.874	ug/L	99
17) trans-1,2-Dichloroethene	5.42	96	187037	25.215	ug/L	96
18) Methyl tert-butyl Ether	5.42	73	204877	26.503	ug/L	100
19) 1,1-Dichloroethane	6.21	63	289289	25.277	ug/L	97
20) cis-1,2-Dichloroethene	7.17	96	194421	25.882	ug/L	100
22) 2-Butanone	7.17	43	80008	56.586	ug/L	99

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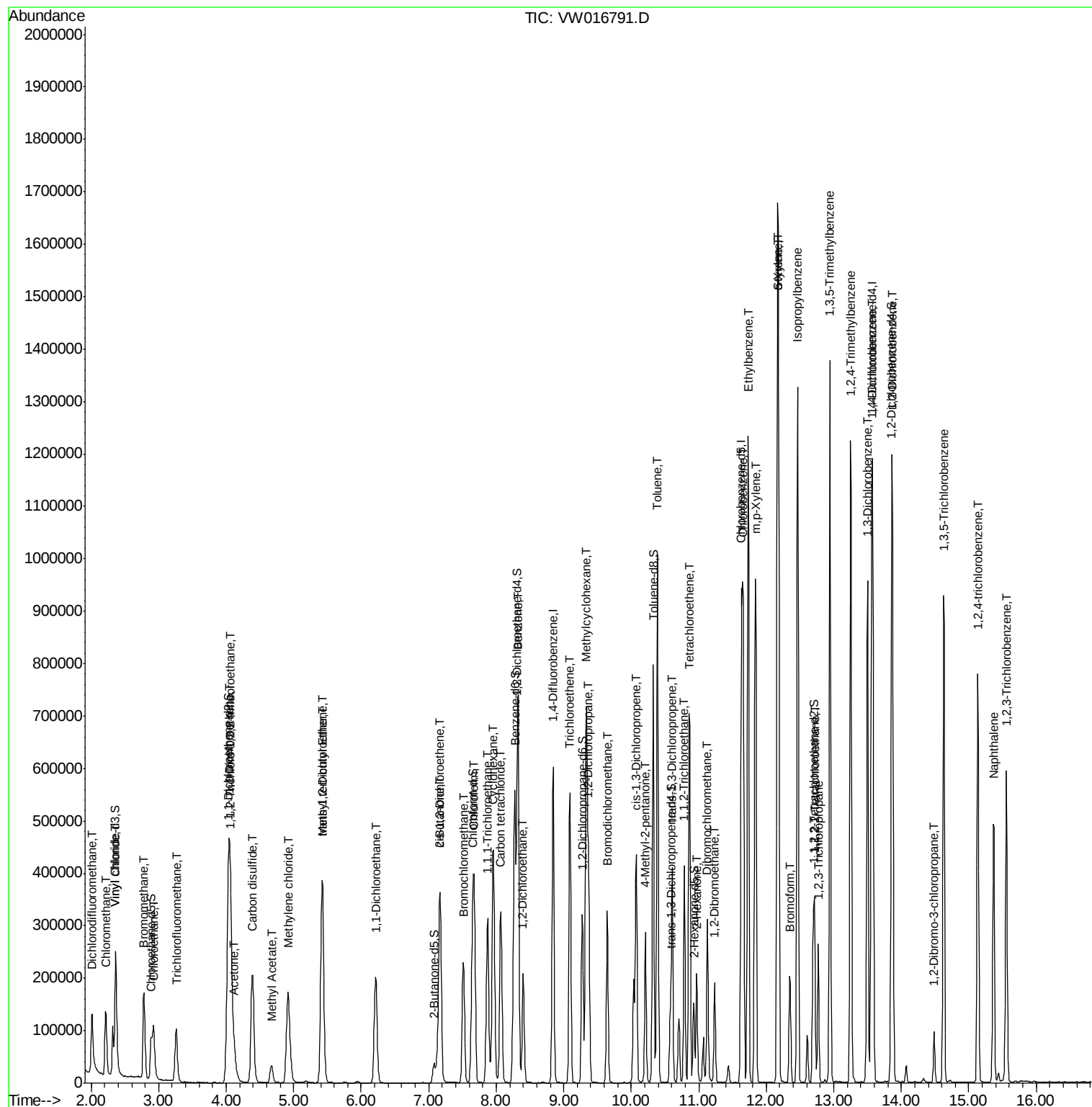
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	94606	26.701	ug/L	96
25) Chloroform	7.67	83	318360	25.838	ug/L	98
27) 1,2-Dichloroethane	8.40	62	194095	26.658	ug/L	99
29) Cyclohexane	7.95	56	256729	24.469	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	262800	24.679	ug/L	99
31) Carbon tetrachloride	8.07	117	260718	25.089	ug/L	99
33) Benzene	8.32	78	685627	25.065	ug/L	100
34) Trichloroethene	9.09	95	192558	24.742	ug/L	97
35) Methylcyclohexane	9.34	83	322098	24.897	ug/L	98
37) 1,2-Dichloropropane	9.37	63	157770	25.403	ug/L	99
38) Bromodichloromethane	9.65	83	226358	26.111	ug/L	99
39) cis-1,3-Dichloropropene	10.07	75	258993	26.472	ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	177676	57.652	ug/L	100
42) Toluene	10.39	91	769614	25.337	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	225980	27.136	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	132385	26.336	ug/L	98
46) Tetrachloroethene	10.86	164	167691	23.488	ug/L	87
48) 2-Hexanone	10.97	43	120273	58.892	ug/L	99
49) Dibromochloromethane	11.13	129	166144	26.856	ug/L	94
50) 1,2-Dibromoethane	11.24	107	131321	27.132	ug/L	100
51) Chlorobenzene	11.66	112	504266	24.848	ug/L	98
52) Ethylbenzene	11.73	91	864370	25.373	ug/L	99
53) m,p-Xylene	11.84	106	339336	25.489	ug/L	92
54) o-Xylene	12.16	106	318939	25.315	ug/L	92
55) Styrene	12.18	104	552484	26.498	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	150730	27.875	ug/L	98
59) Bromoform	12.35	173	99624	27.011	ug/L	98
60) Isopropylbenzene	12.46	105	872786	24.997	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	109840	27.237	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	730803	25.355	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	676096	24.958	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	413873	24.547	ug/L	94
65) 1,4-Dichlorobenzene	13.58	146	404947	24.291	ug/L	99
67) 1,2-Dichlorobenzene	13.87	146	378507	26.096	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.49	75	23936	28.345	ug/L	97
69) 1,3,5-Trichlorobenzene	14.63	180	317835	25.593	ug/L	97
70) 1,2,4-trichlorobenzene	15.13	180	258995	25.921	ug/L	98
71) Naphthalene	15.37	128	455601	28.560	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	218741	25.731	ug/L	95

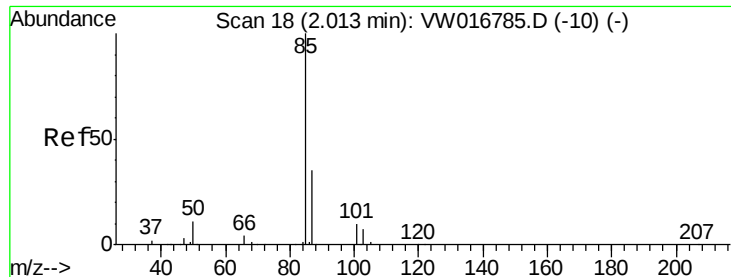
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 25.574 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

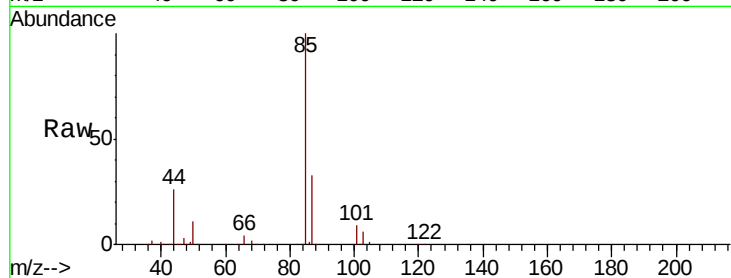
ClientSampleId :

Tot Ion: 85 Resp: 172097

Ion Ratio Lower Upper

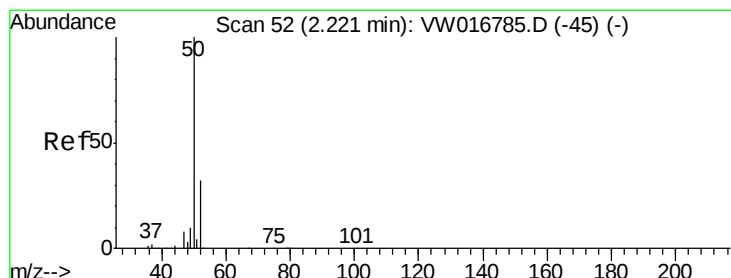
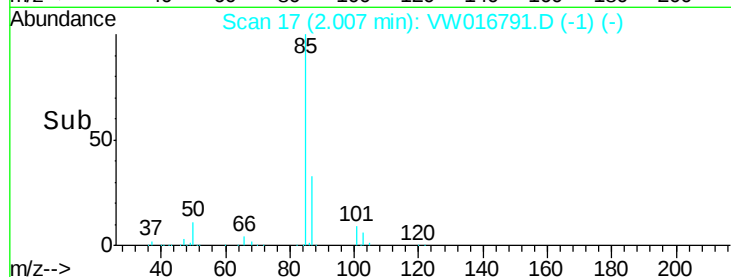
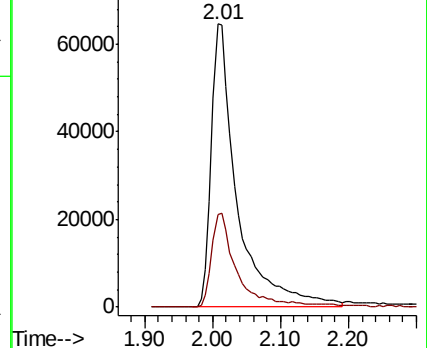
85 100

87 32.5 26.6 40.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 25.017 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW016791.D

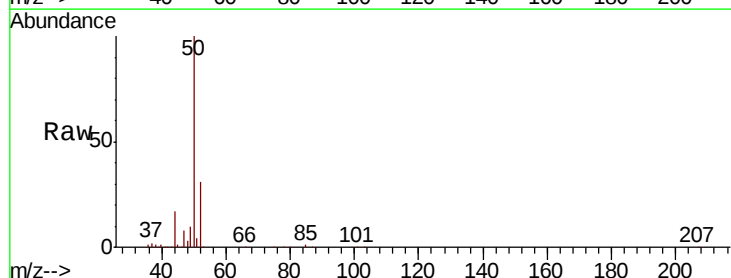
Acq: 06 Oct 2020 12:01

Tgt Ion: 50 Resp: 141888

Ion Ratio Lower Upper

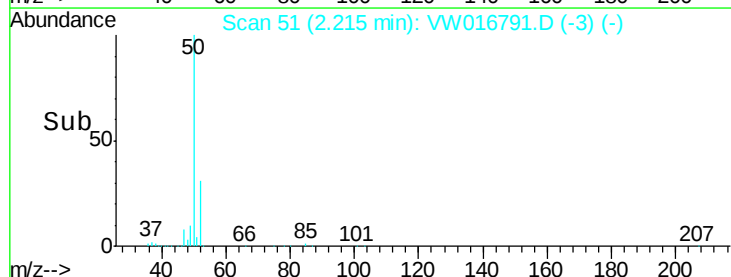
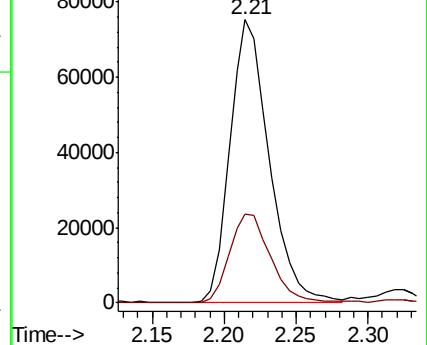
50 100

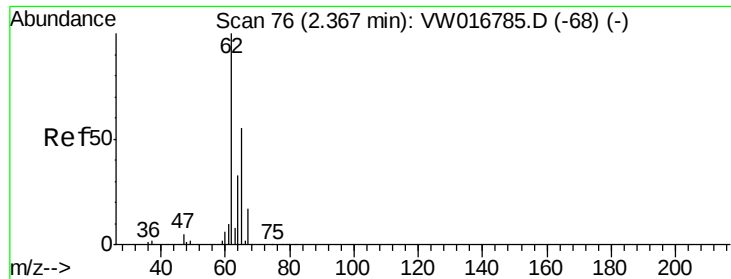
52 31.2 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 27.413 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

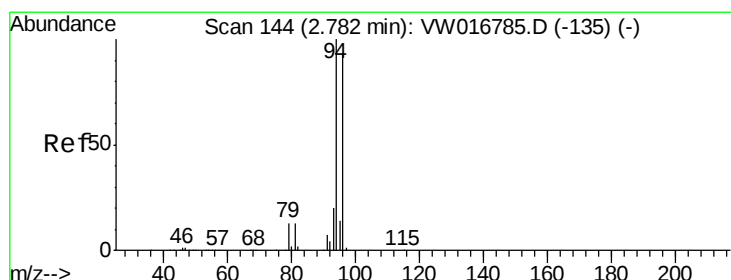
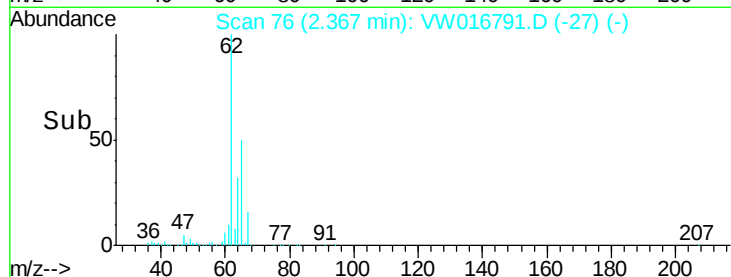
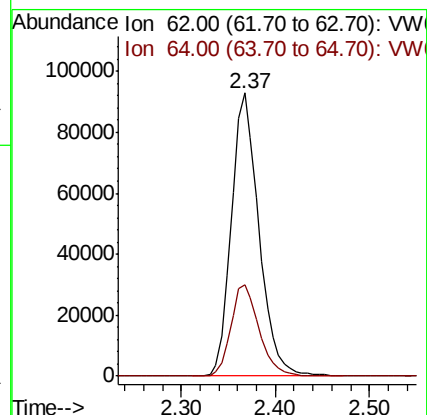
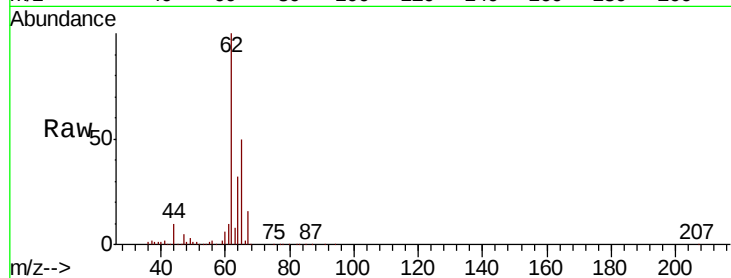
ClientSampled :

Tot Ion: 62 Resp: 188866

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



#6

Bromomethane

Concen: 24.536 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016791.D

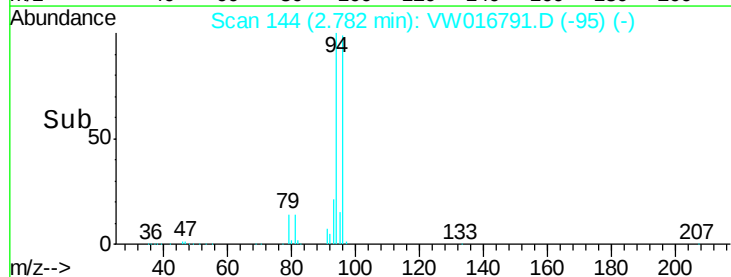
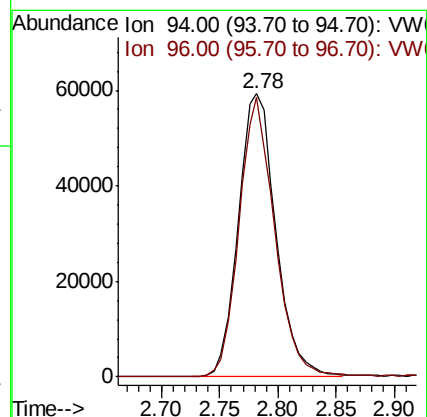
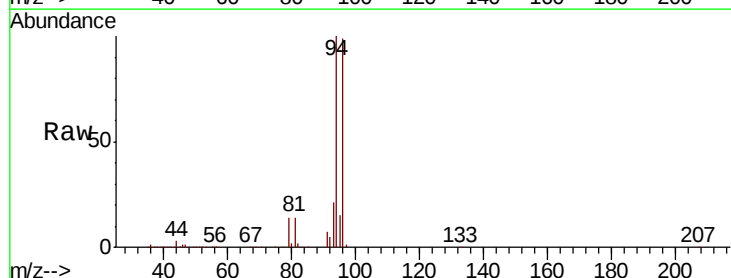
Acq: 06 Oct 2020 12:01

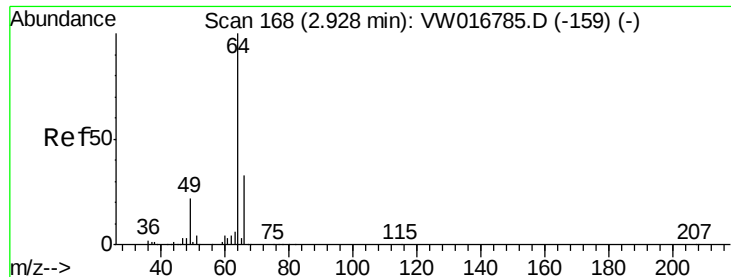
Tgt Ion: 94 Resp: 132775

Ion Ratio Lower Upper

94 100

96 98.7 65.2 121.0





#8

Chloroethane

Concen: 24.690 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

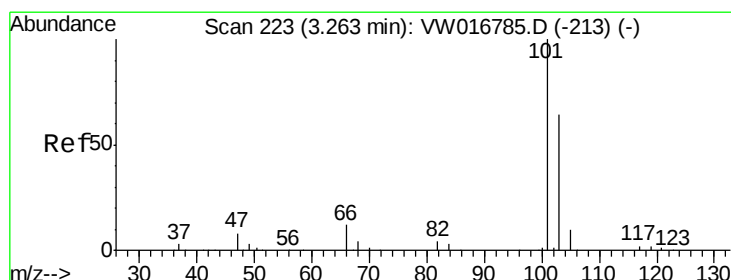
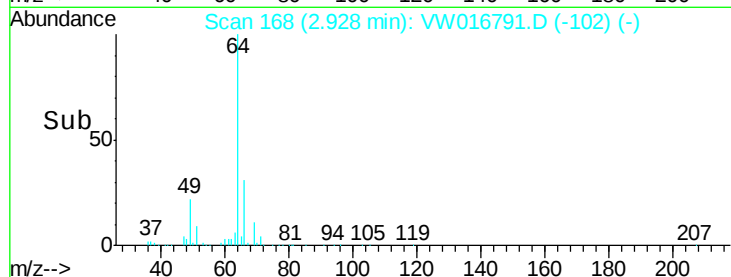
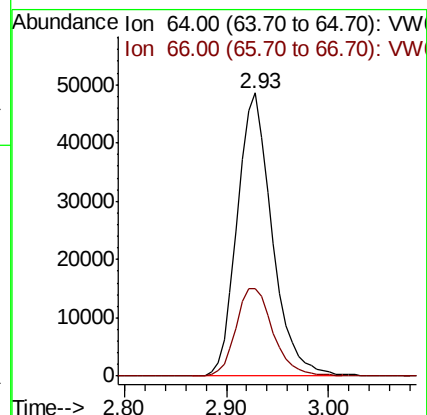
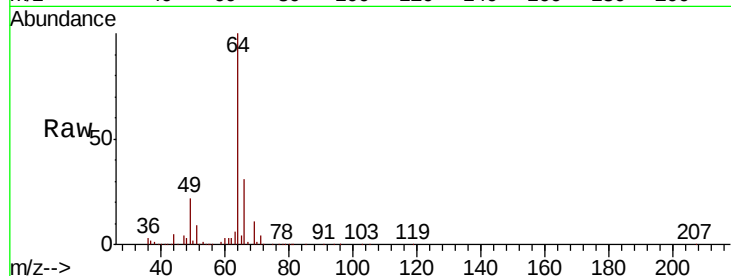
ClientSampleId :

Tot Ion: 64 Resp: 115156

Ion Ratio Lower Upper

64 100

66 30.8 23.0 42.8



#9

Trichlorofluoromethane

Concen: 22.281 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW016791.D

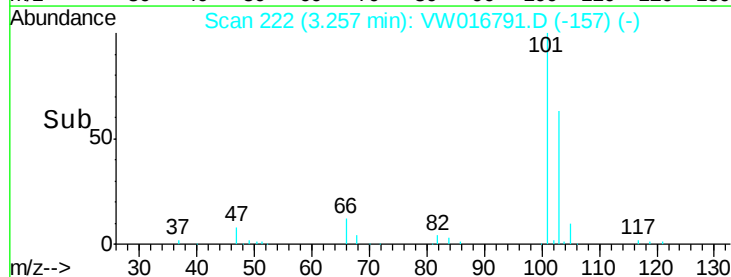
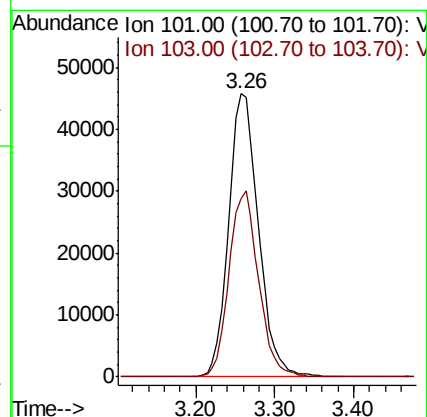
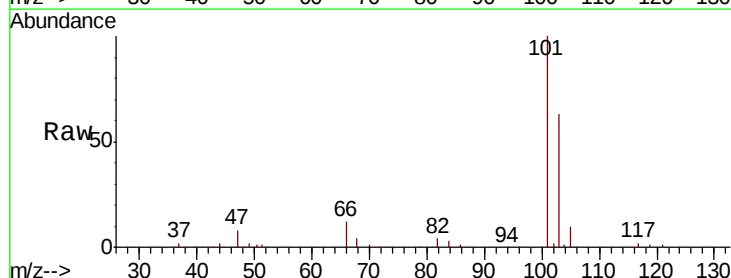
Acq: 06 Oct 2020 12:01

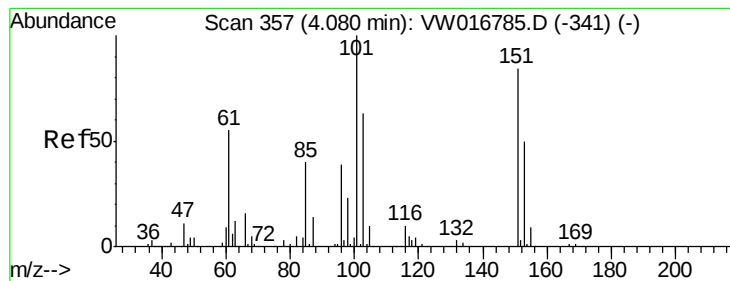
Tgt Ion: 101 Resp: 120357

Ion Ratio Lower Upper

101 100

103 65.0 52.6 78.8





#10

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

Concen: 24.215 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

ClientSampled :

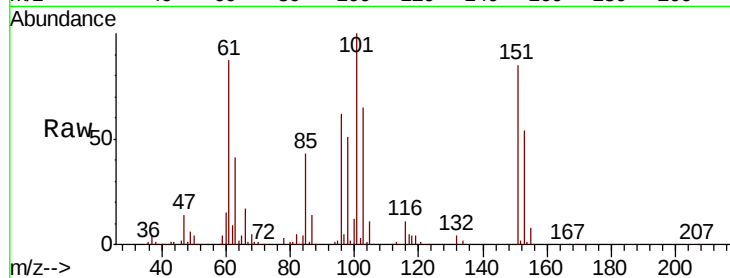
Tot Ion:101 Resp: 179611

Ion Ratio Lower Upper

101 100

85 42.0 33.2 49.8

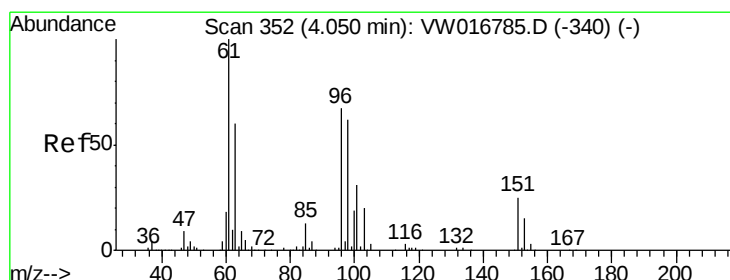
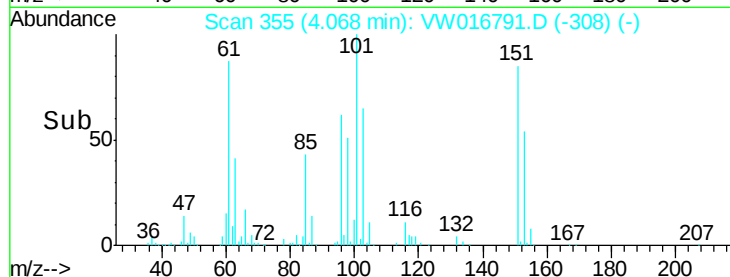
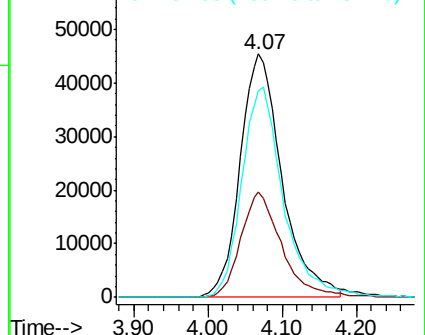
151 84.5 67.5 101.3



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: 25.465 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

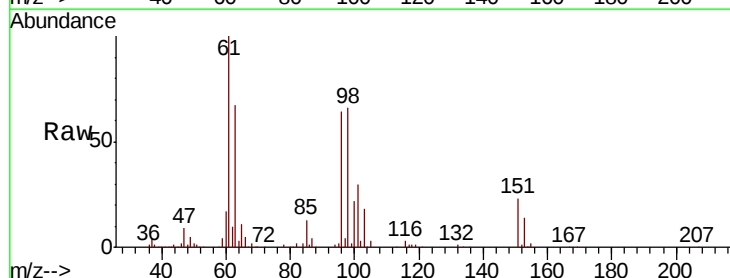
Tgt Ion: 96 Resp: 177161

Ion Ratio Lower Upper

96 100

61 155.3 104.9 194.9

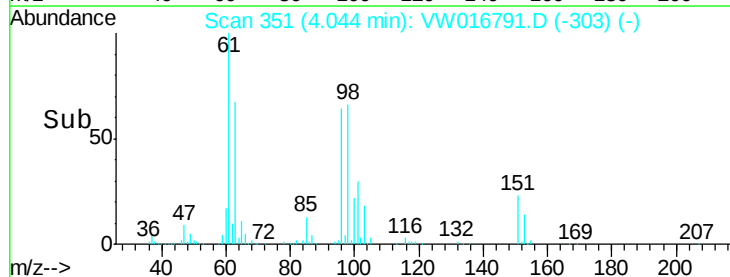
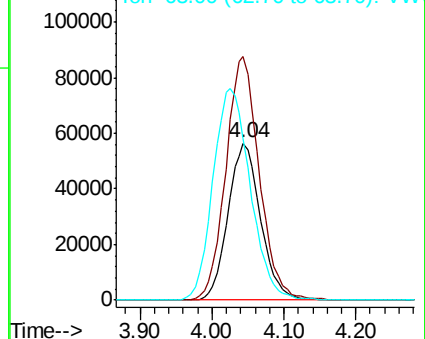
63 103.3 65.9 122.3

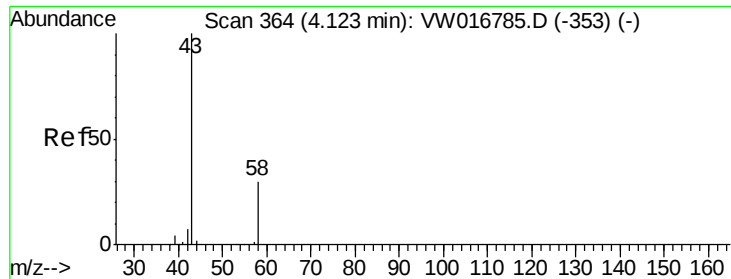


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 49.986 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

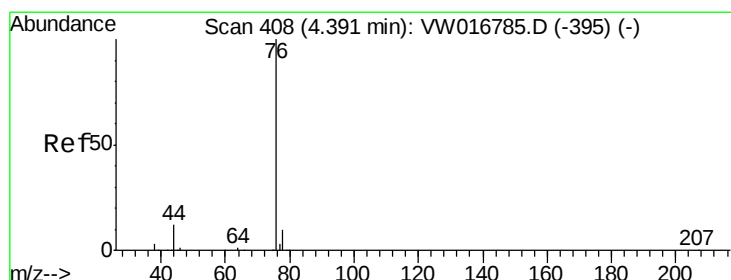
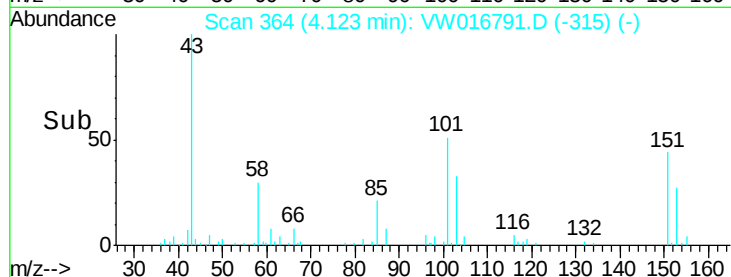
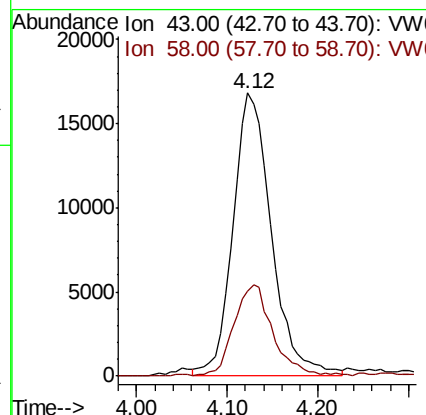
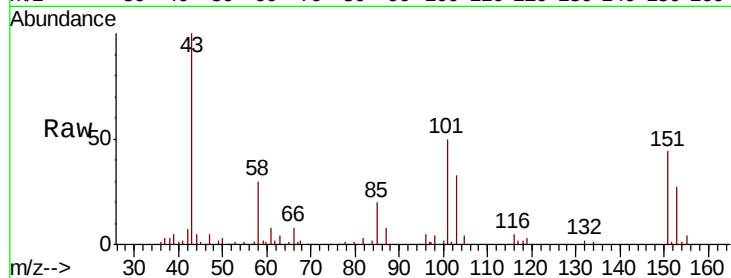
ClientSampled :

Tot Ion: 43 Resp: 49631

Ion Ratio Lower Upper

43 100

58 32.4 0.0 63.6



#14

Carbon disulfide

Concen: 25.835 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016791.D

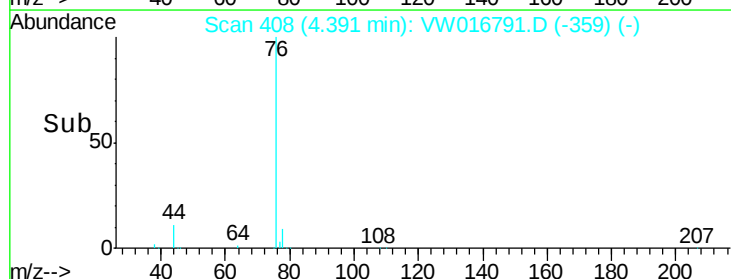
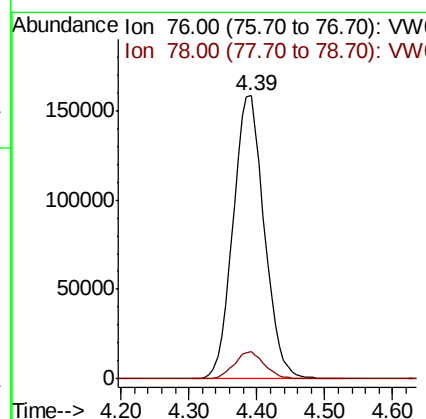
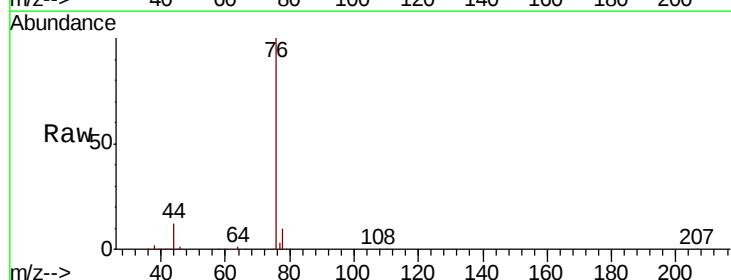
Acq: 06 Oct 2020 12:01

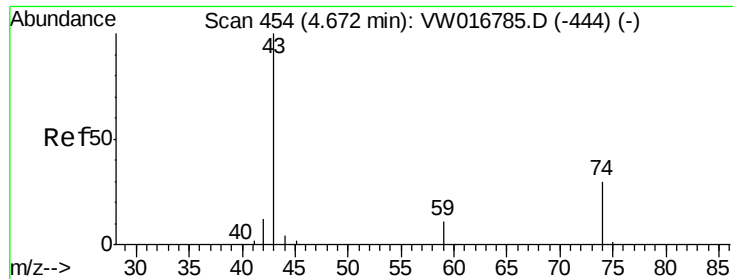
Tgt Ion: 76 Resp: 504872

Ion Ratio Lower Upper

76 100

78 9.7 7.6 11.4

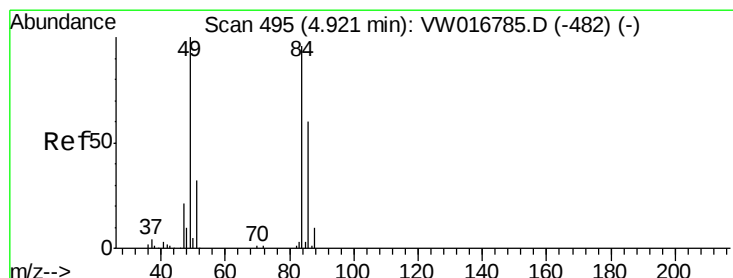
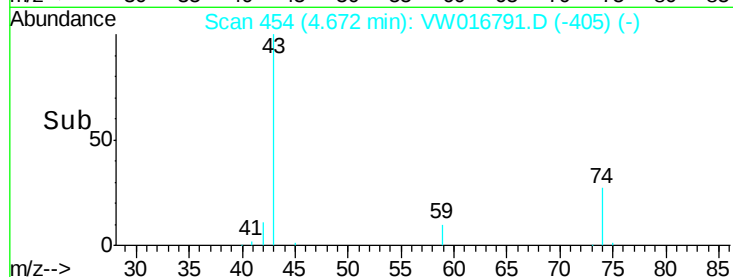
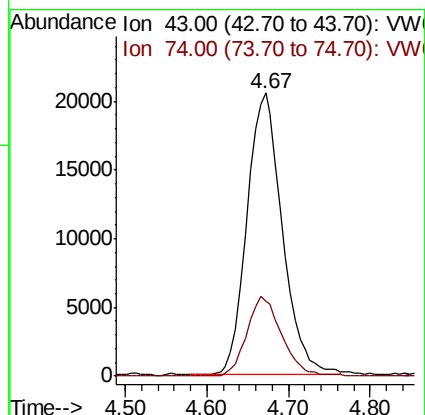
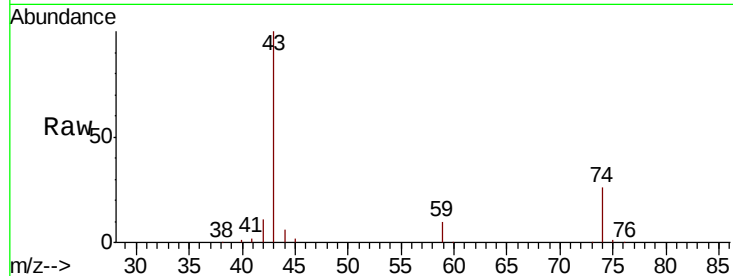




#15
Methyl Acetate
Concen: 28.359 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

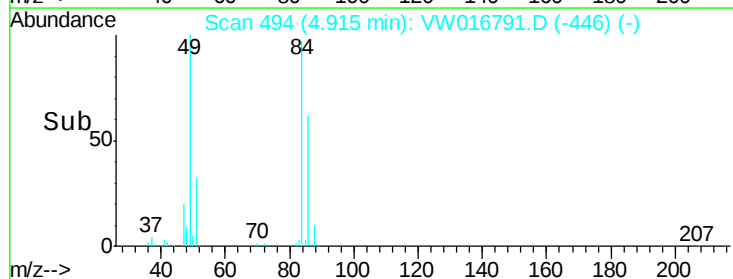
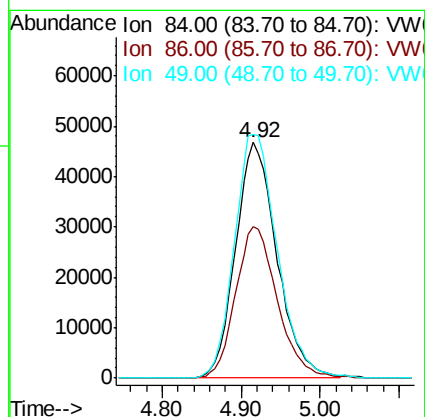
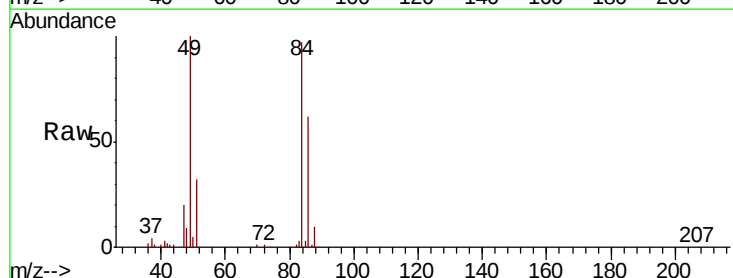
Instrument :
MSVOA_W
ClientSampled :

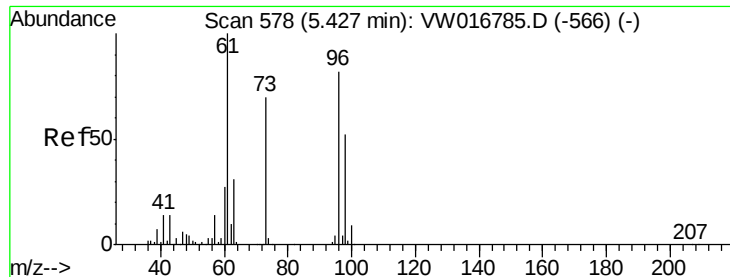
Tot Ion: 43 Resp: 61774
Ion Ratio Lower Upper
43 100
74 27.8 22.7 34.1



#16
Methylene chloride
Concen: 21.874 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion: 84 Resp: 170914
Ion Ratio Lower Upper
84 100
86 64.5 44.3 82.3
49 103.3 73.3 136.1





#17

trans-1,2-Dichloroethene

Concen: 25.215 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

ClientSampled :

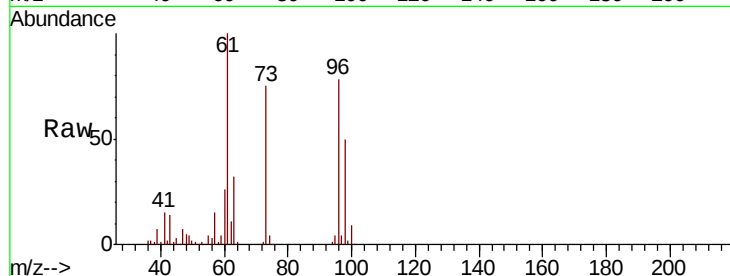
Tot Ion: 96 Resp: 187037

Ion Ratio Lower Upper

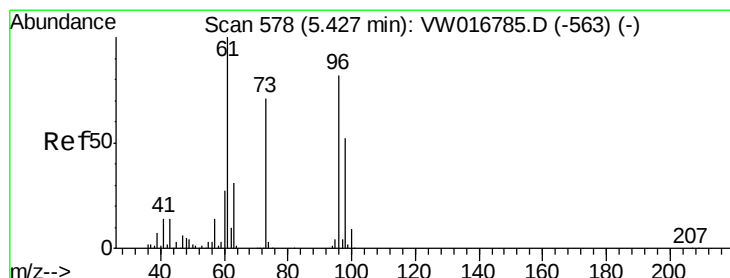
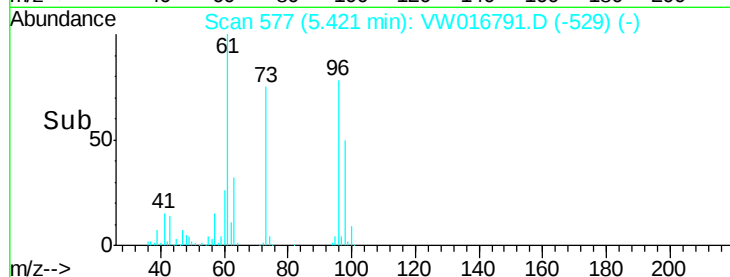
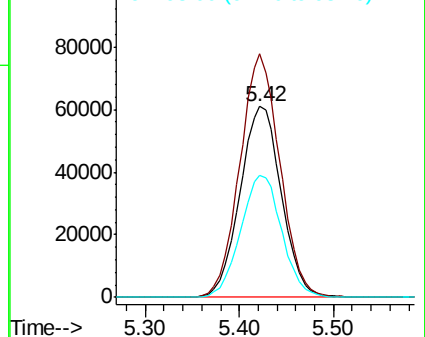
96 100

61 127.7 85.3 158.5

98 64.1 44.1 81.9



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: 26.503 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

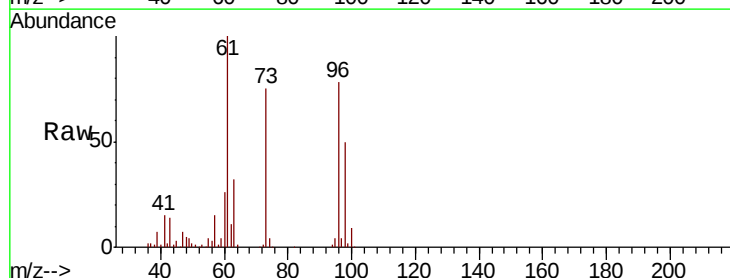
Tgt Ion: 73 Resp: 204877

Ion Ratio Lower Upper

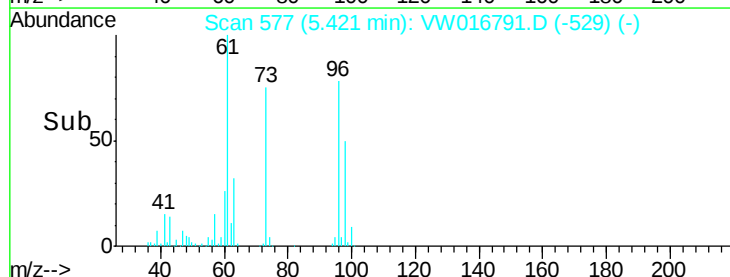
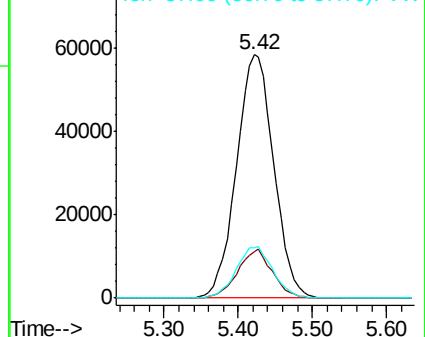
73 100

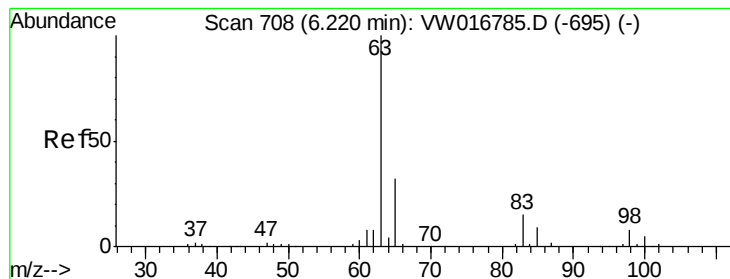
43 18.9 14.9 22.3

57 20.6 16.4 24.6



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: 25.277 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

ClientSampled :

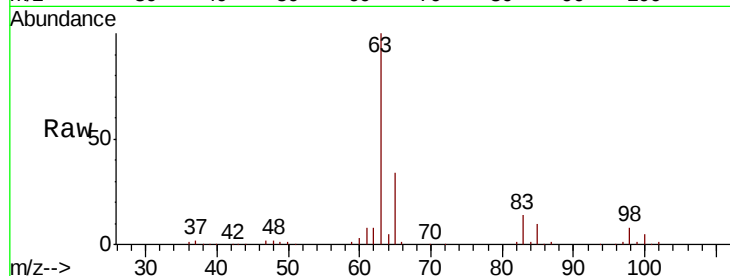
Tot Ion: 63 Resp: 289289

Ion Ratio Lower Upper

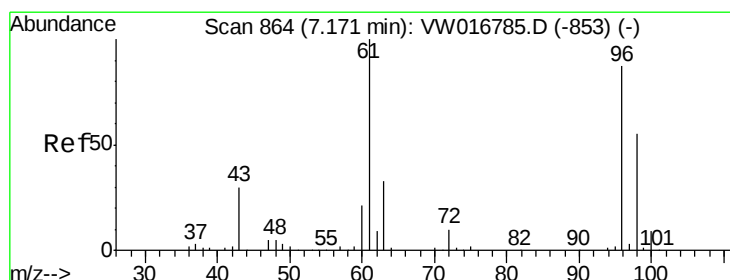
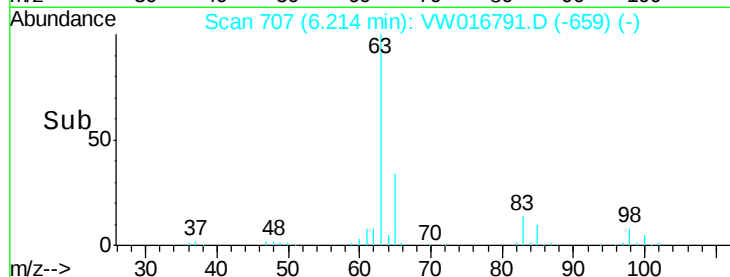
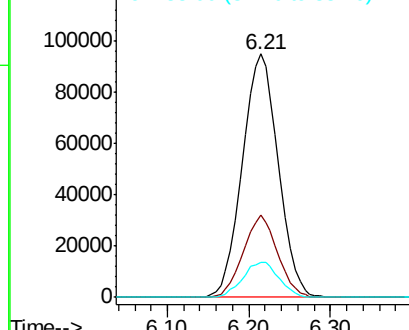
63 100

65 33.8 22.3 41.5

83 14.2 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: 25.882 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

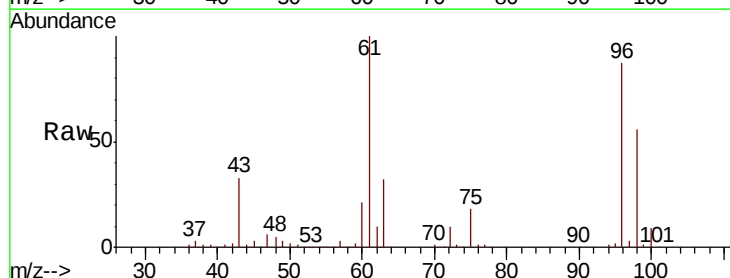
Tgt Ion: 96 Resp: 194421

Ion Ratio Lower Upper

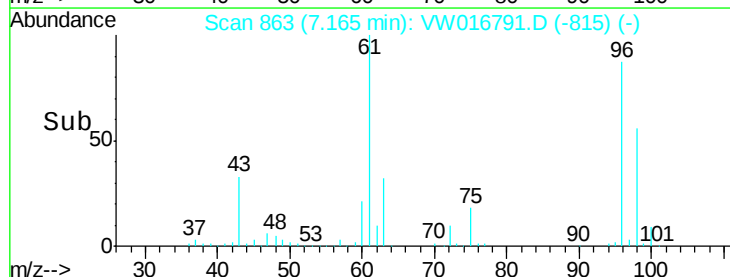
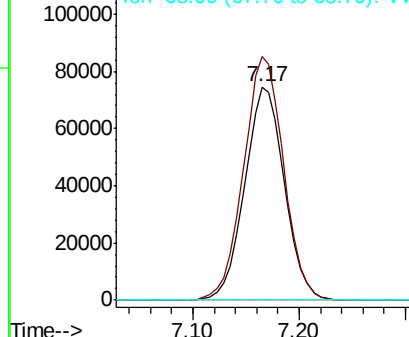
96 100

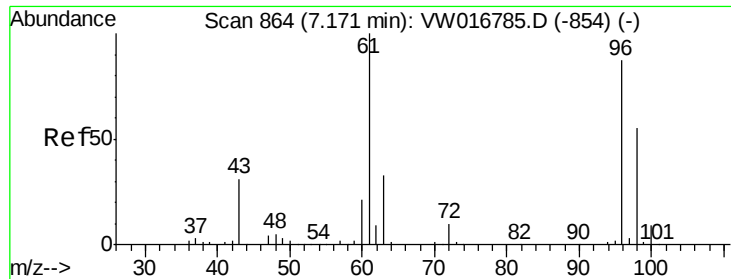
61 114.3 80.3 149.1

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

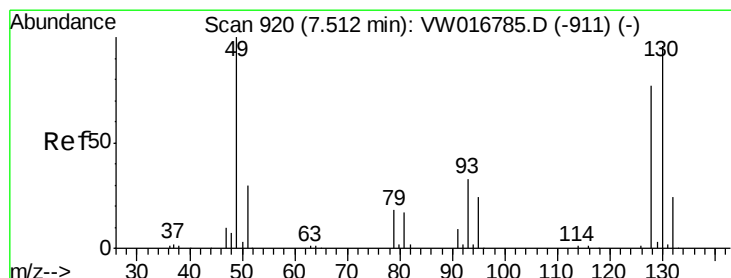
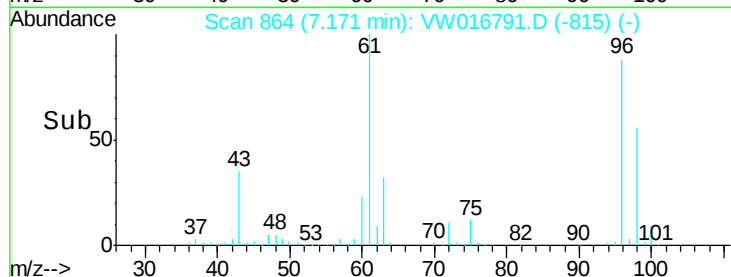
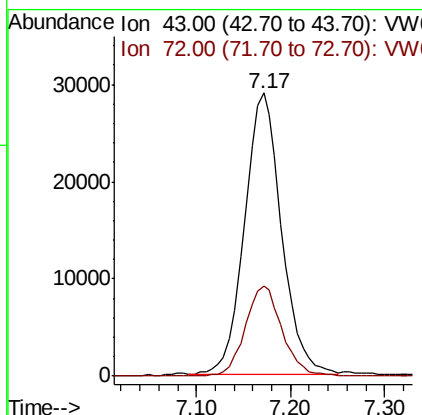
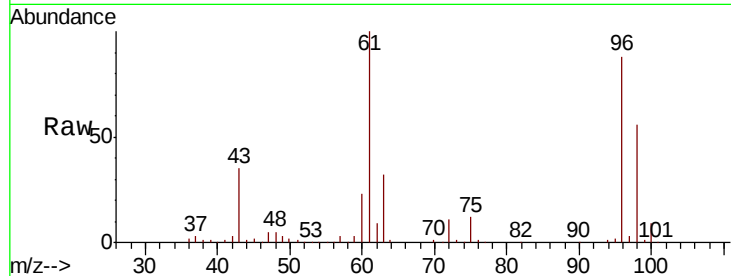




#22
 2-Butanone
 Concen: 56.586 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

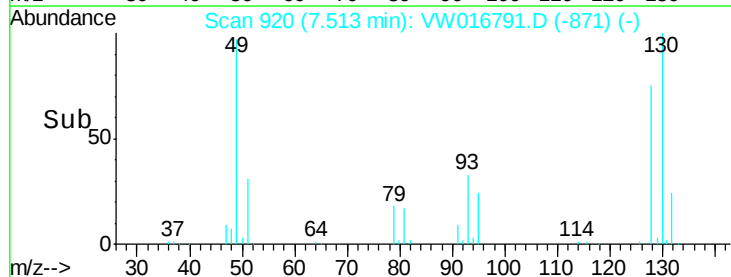
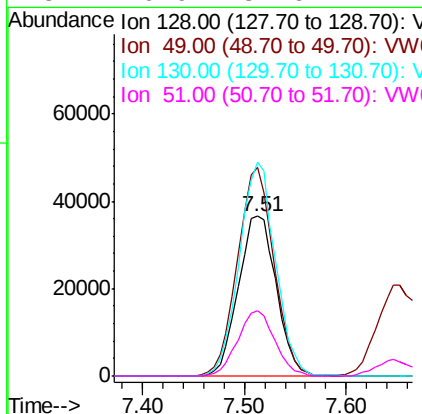
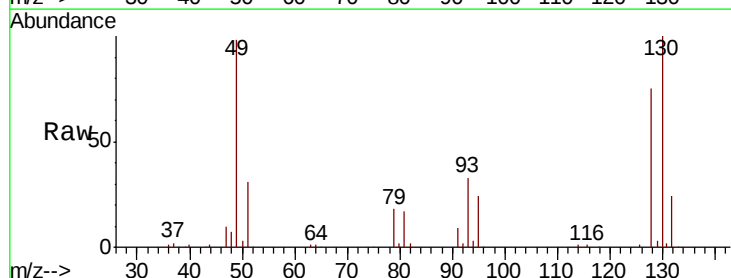
Instrument :
 MSVOA_W
 ClientSampled :

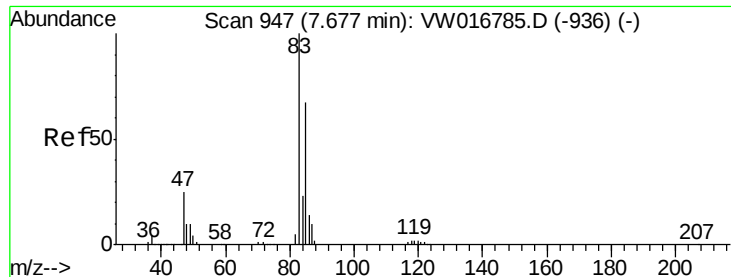
Tot Ion: 43 Resp: 80008
 Ion Ratio Lower Upper
 43 100
 72 31.9 15.7 47.1



#23
 Bromochloromethane
 Concen: 26.701 ug/L
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion: 128 Resp: 94606
 Ion Ratio Lower Upper
 128 100
 49 130.3 91.1 169.3
 130 133.6 87.6 162.6
 51 40.9 31.6 47.4

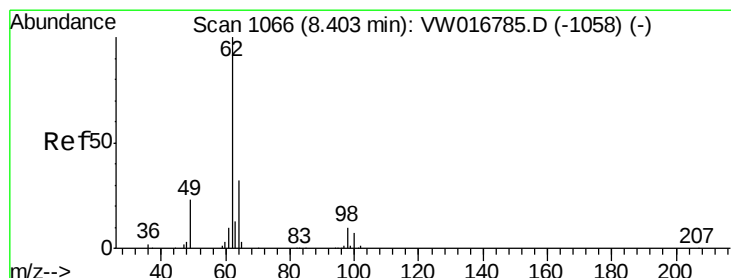
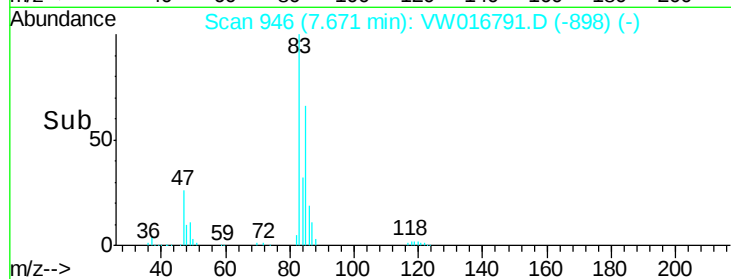
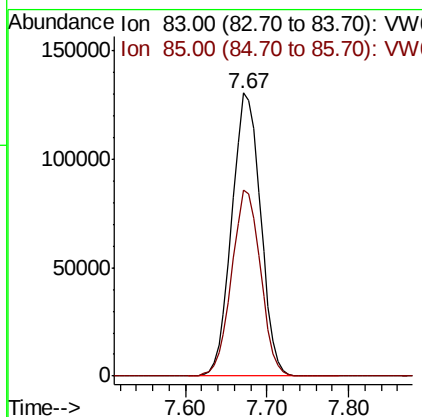
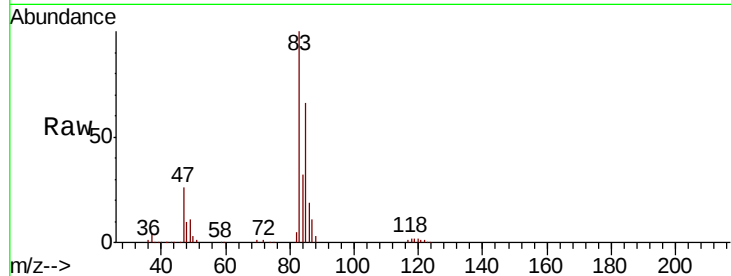




#25
Chloroform
Concen: 25.838 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

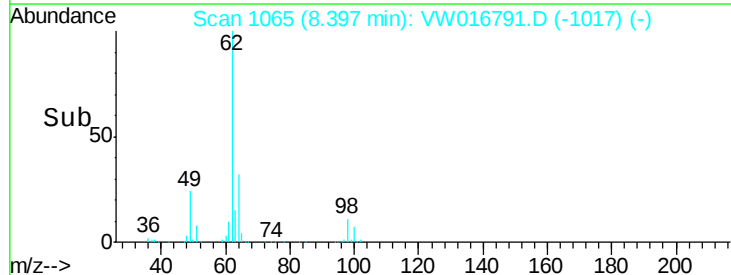
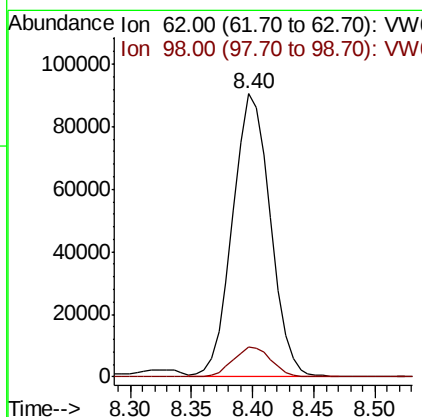
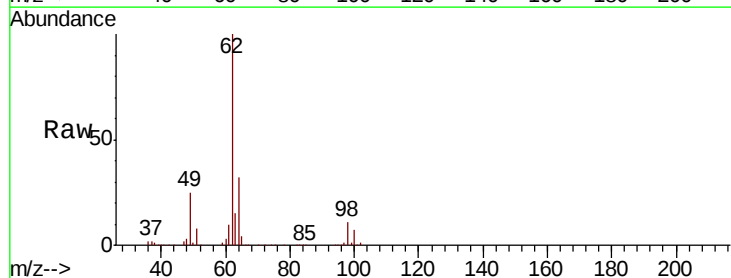
Instrument :
MSVOA_W
ClientSampled :

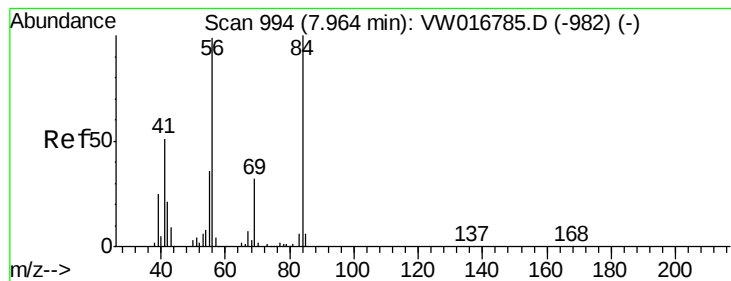
Tot Ion: 83 Resp: 318360
Ion Ratio Lower Upper
83 100
85 65.6 46.9 87.1



#27
1,2-Dichloroethane
Concen: 26.658 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion: 62 Resp: 194095
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4





#29

Cyclohexane

Concen: 24.469 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :
MSVOA_W
ClientSampleId :

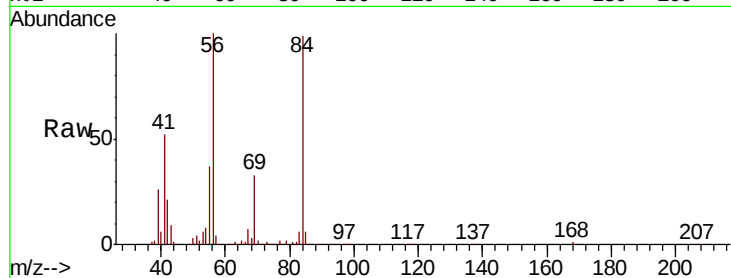
Tot Ion: 56 Resp: 256729

Ion Ratio Lower Upper

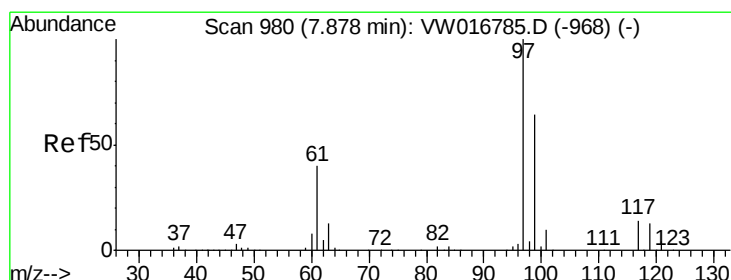
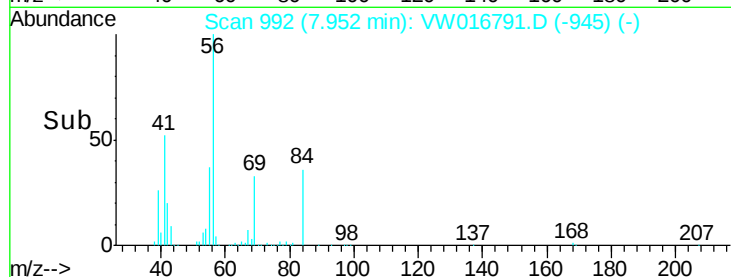
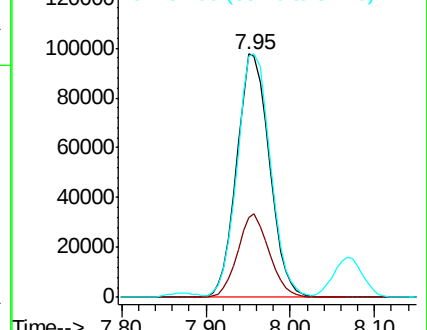
56 100

69 33.1 26.3 39.5

84 101.7 81.1 121.7



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: 24.679 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

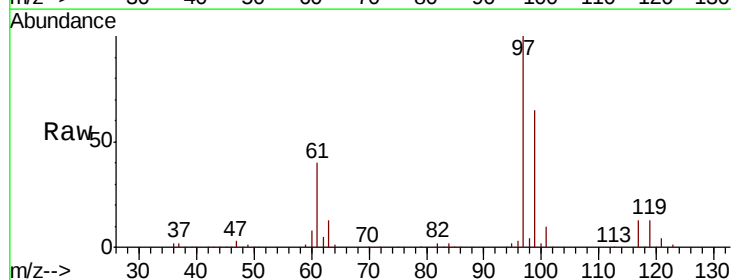
Tgt Ion: 97 Resp: 262800

Ion Ratio Lower Upper

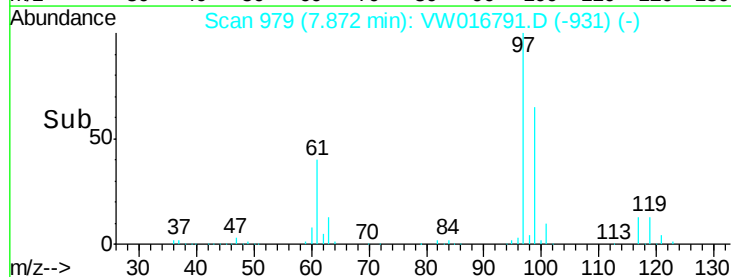
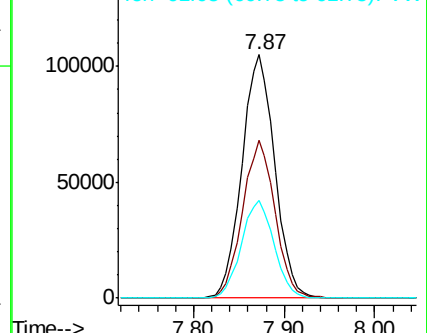
97 100

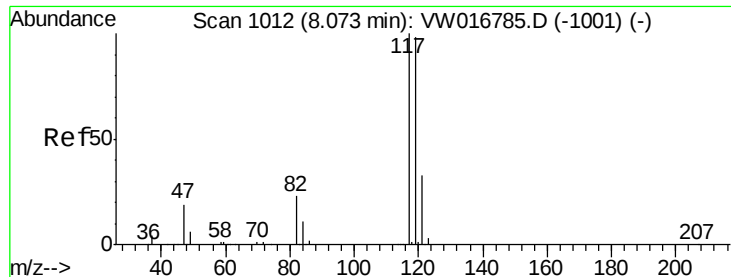
99 64.3 51.0 76.4

61 40.1 32.2 48.2



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

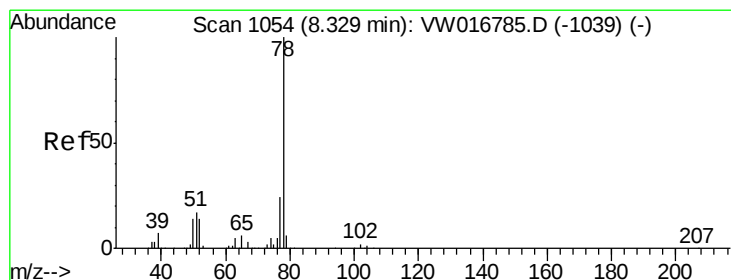
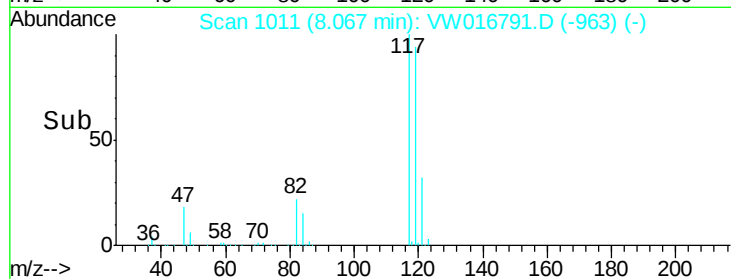
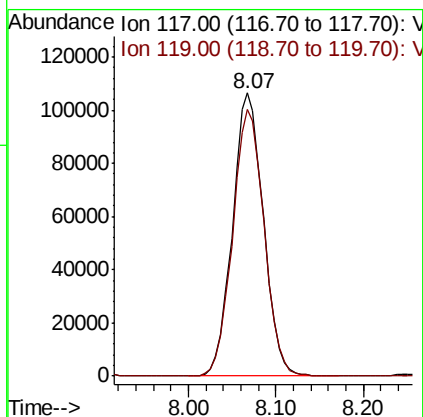
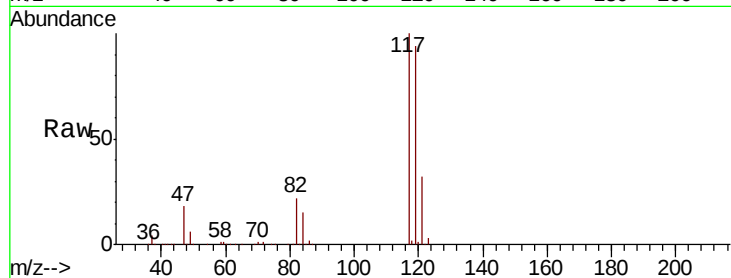




#31
Carbon tetrachloride
Concen: 25.089 ug/L
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

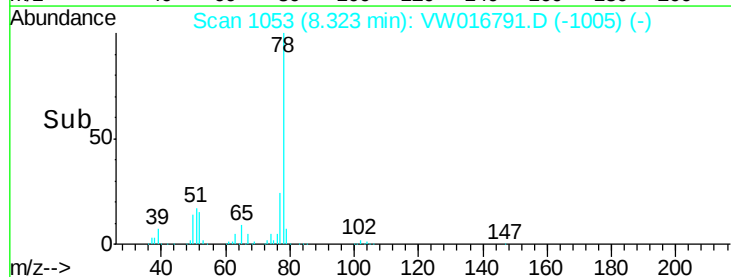
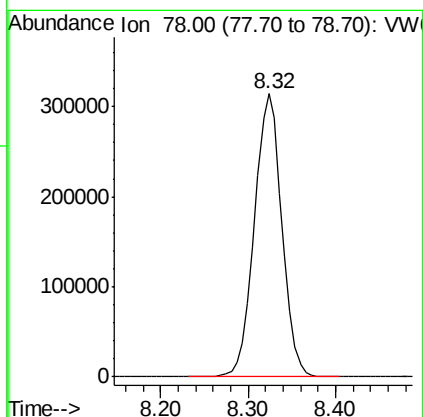
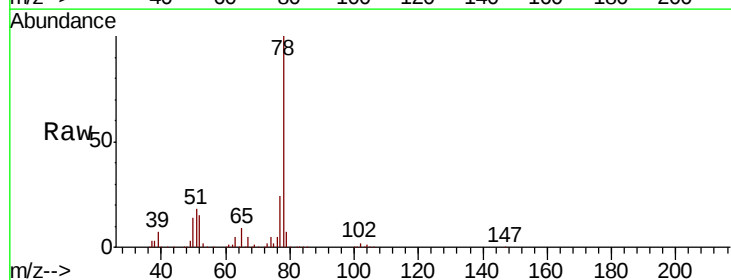
Instrument :
MSVOA_W
ClientSampled :

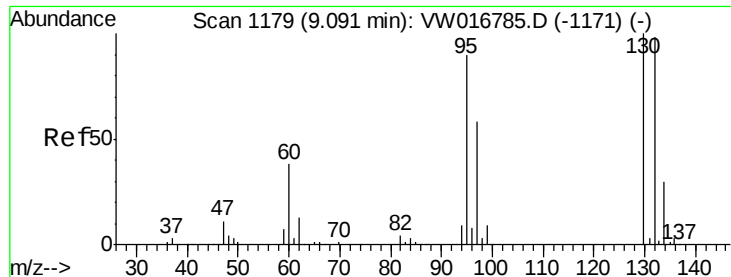
Tot Ion:117 Resp: 260718
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1



#33
Benzene
Concen: 25.065 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion: 78 Resp: 685627

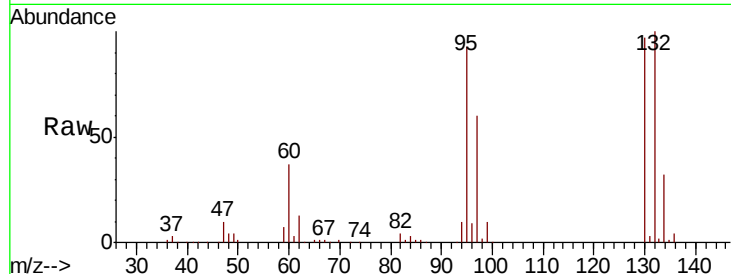




#34
 Trichloroethene
 Concen: 24.742 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	95	Resp	192558
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.5	84.5
132	107.3	76.4	142.0
130	104.6	77.9	144.7



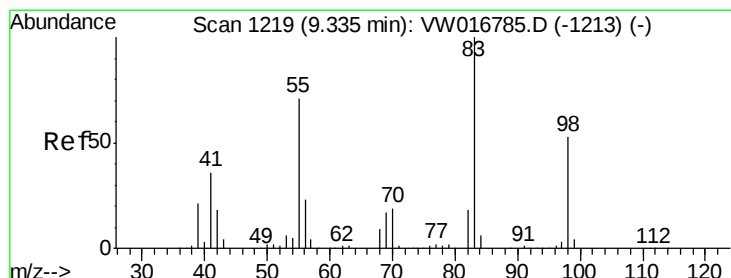
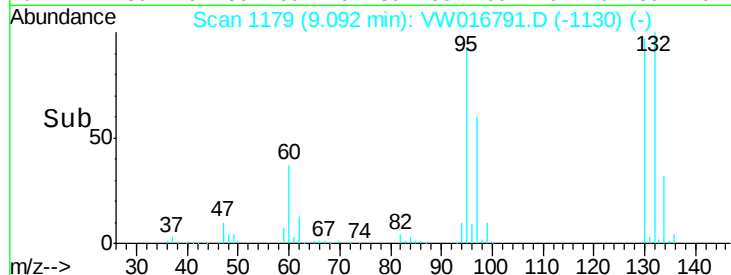
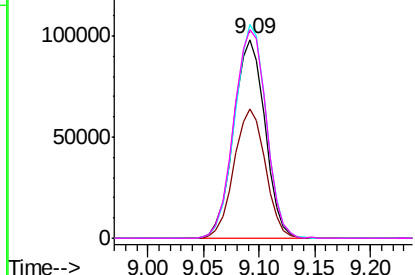
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

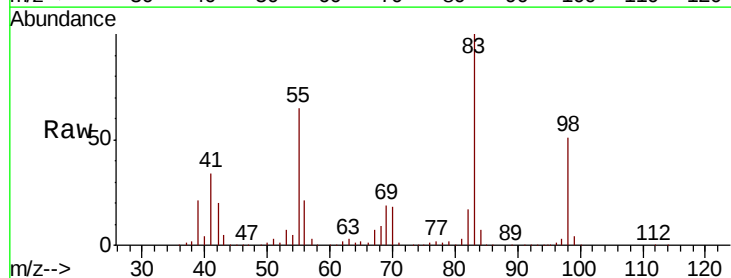
Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#35
 Methylcyclohexane
 Concen: 24.897 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion	83	Resp	322098
Ion	Ratio	Lower	Upper
83	100		
55	66.5	55.4	83.2
98	51.5	41.6	62.4

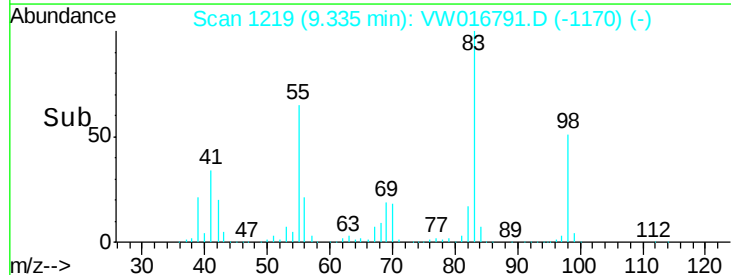
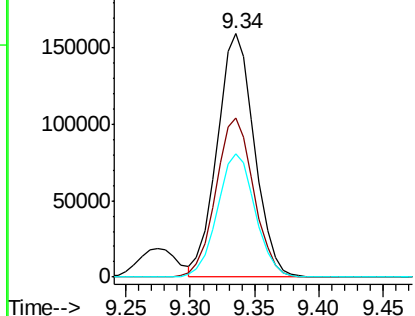


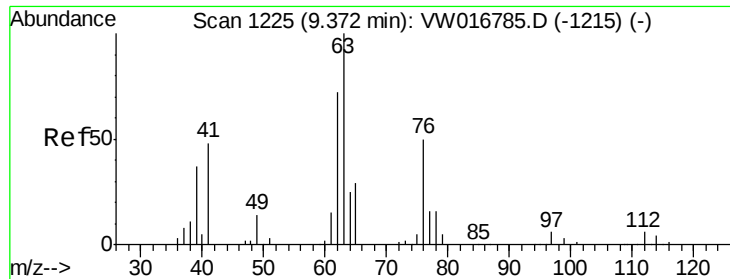
Abundance

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

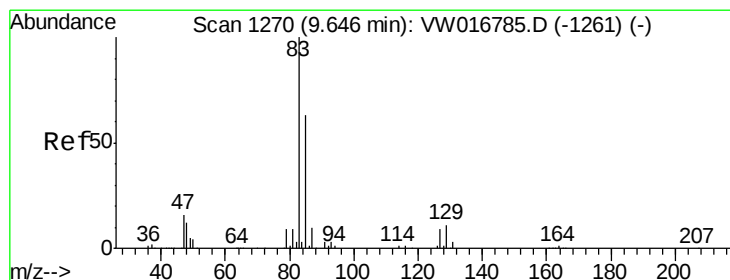
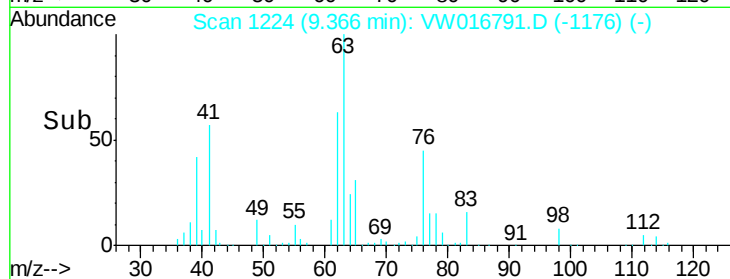
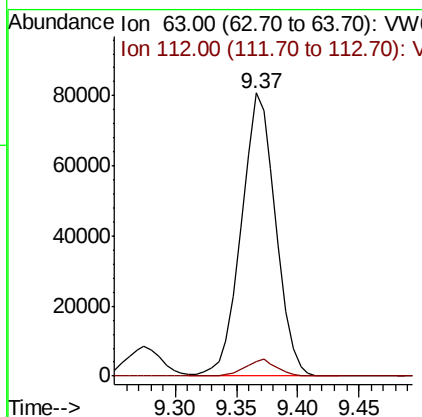
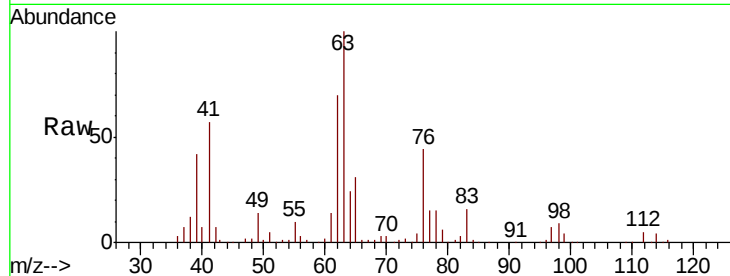




#37
 1,2-Dichloropropane
 Concen: 25.403 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

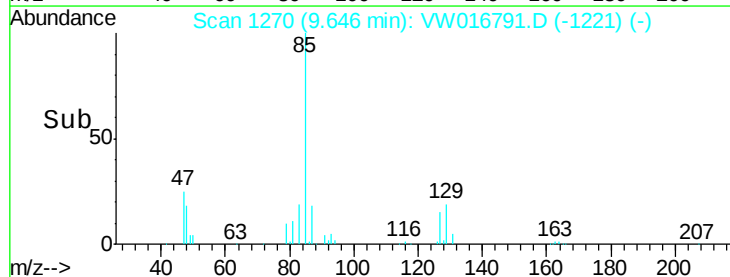
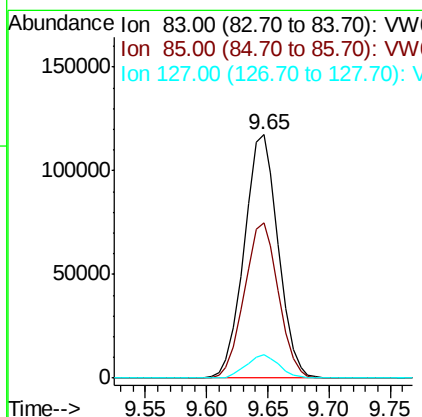
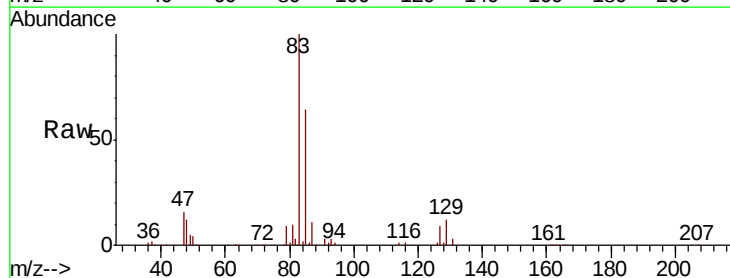
Instrument :
 MSVOA_W
 ClientSampled :

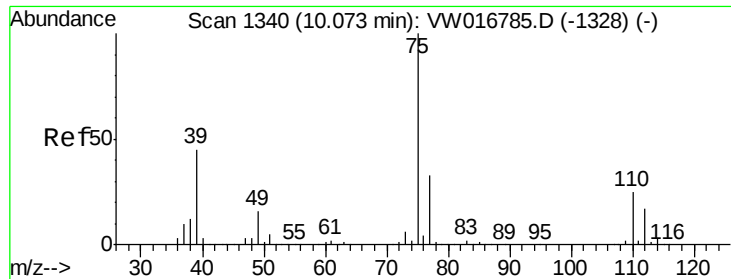
Tot Ion: 63 Resp: 157770
 Ion Ratio Lower Upper
 63 100
 112 5.5 4.6 7.0



#38
 Bromodichloromethane
 Concen: 26.111 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion: 83 Resp: 226358
 Ion Ratio Lower Upper
 83 100
 85 64.0 44.2 82.0
 127 9.4 7.0 10.4

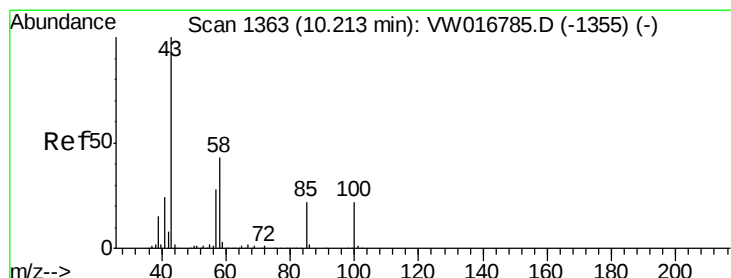
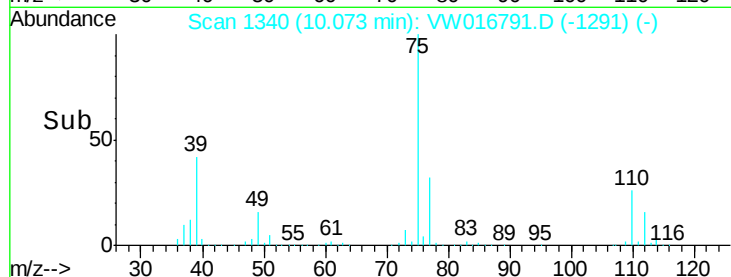
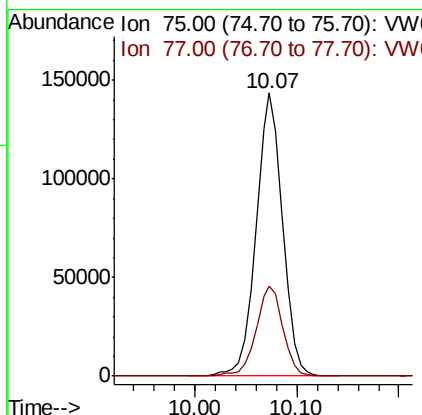
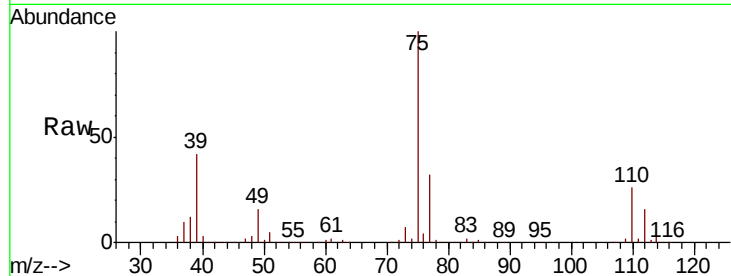




#39
 cis-1,3-Dichloropropene
 Concen: 26.472 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

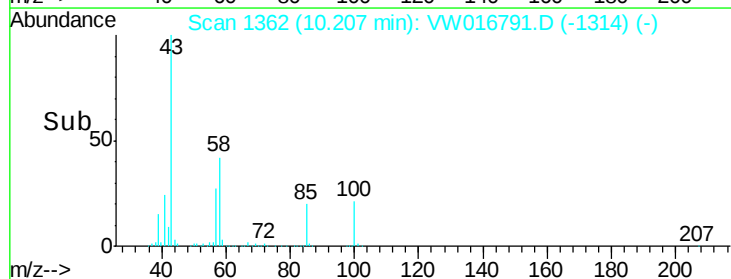
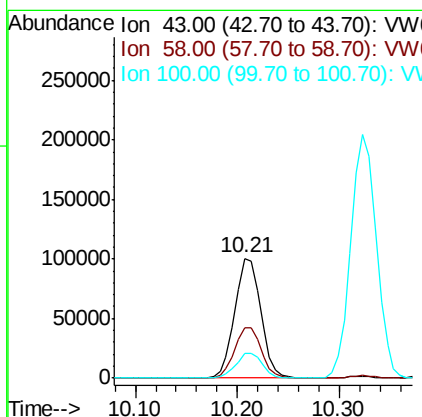
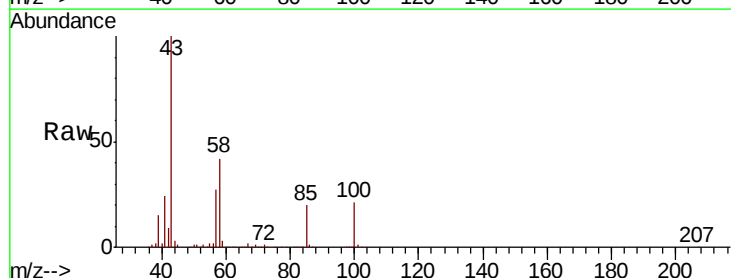
Instrument :
 MSVOA_W
 ClientSampled :

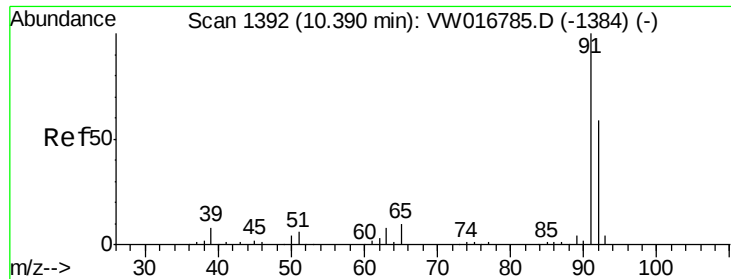
Tot Ion: 75 Resp: 258993
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.2 43.0



#40
 4-Methyl-2-pentanone
 Concen: 57.652 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion: 43 Resp: 177676
 Ion Ratio Lower Upper
 43 100
 58 43.0 34.2 51.2
 100 21.0 16.6 25.0





#42

Toluene

Concen: 25.337 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

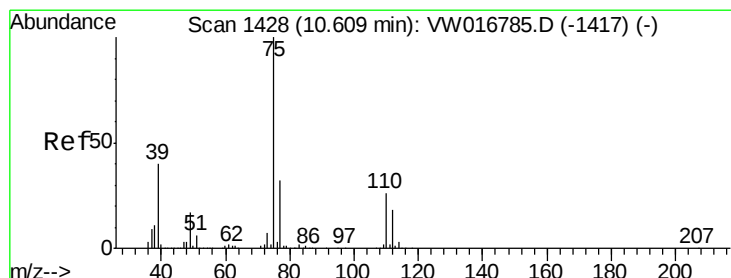
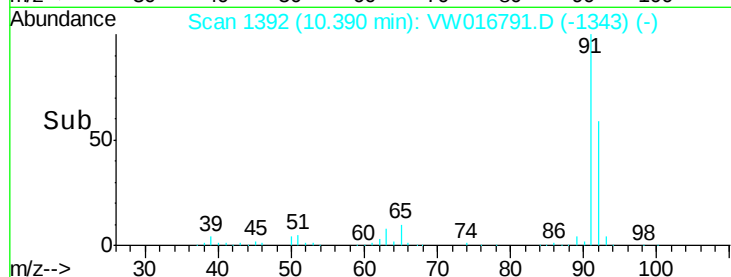
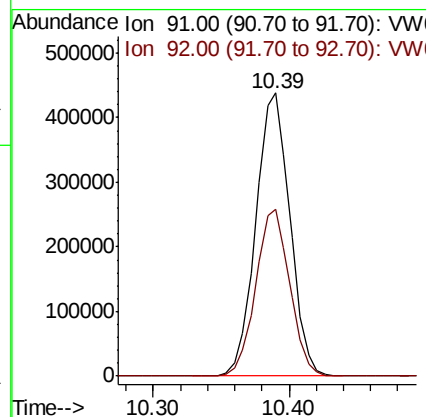
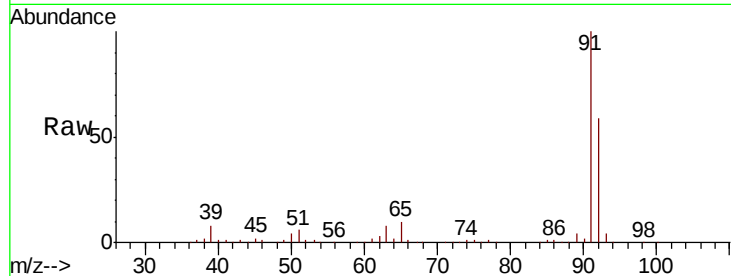
ClientSampled :

Tot Ion: 91 Resp: 769614

Ion Ratio Lower Upper

91 100

92 59.0 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 27.136 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW016791.D

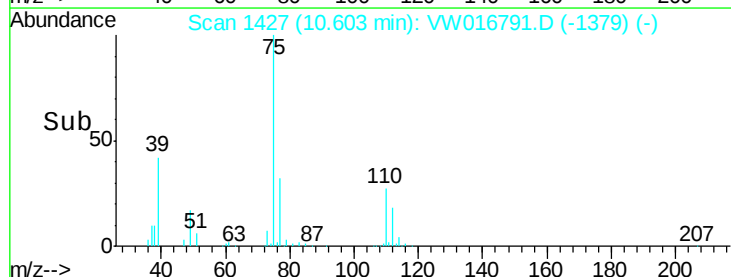
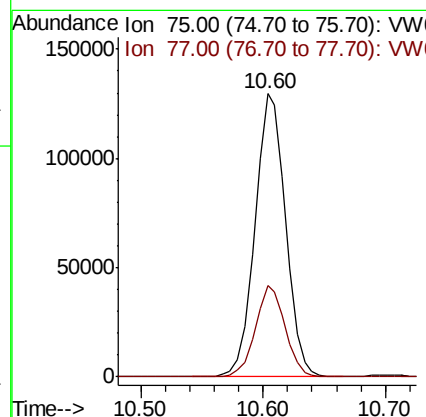
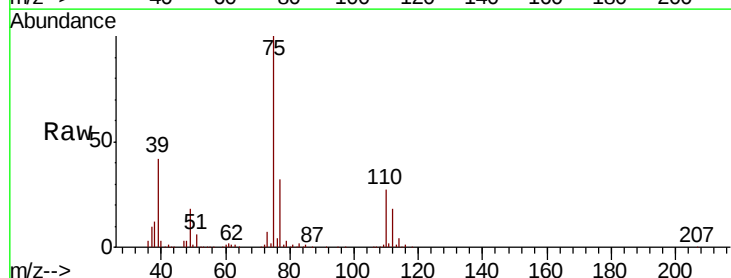
Acq: 06 Oct 2020 12:01

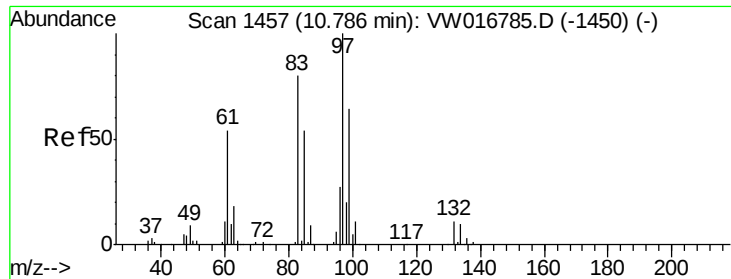
Tgt Ion: 75 Resp: 225980

Ion Ratio Lower Upper

75 100

77 32.2 22.3 41.3

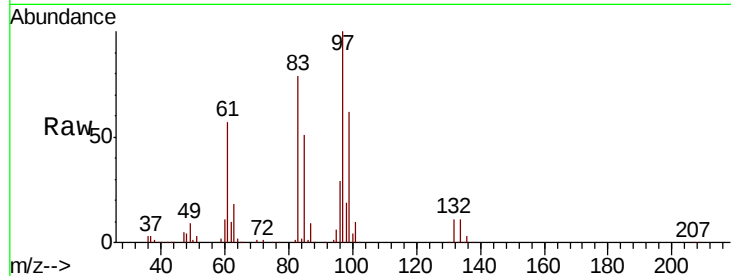




#45
 1,1,2-Trichloroethane
 Concen: 26.336 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	132385
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.9	83.3
83	79.5	55.8	103.6
85	51.4	37.7	69.9



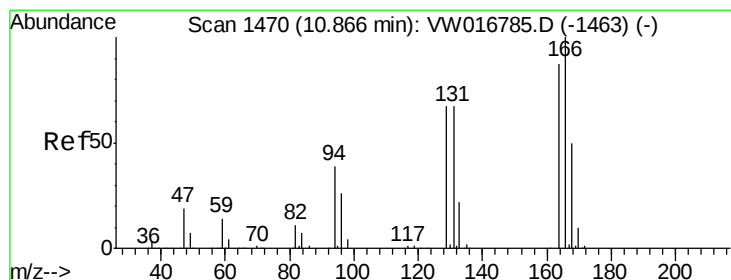
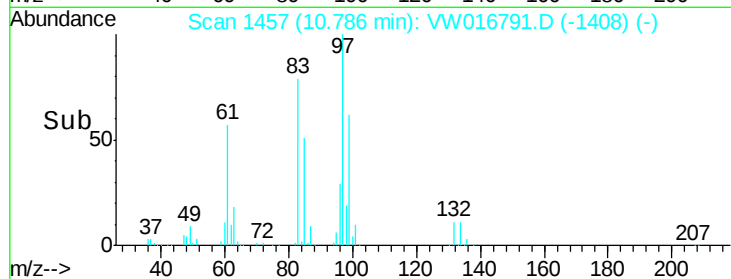
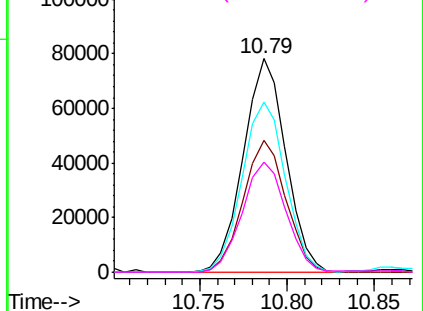
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

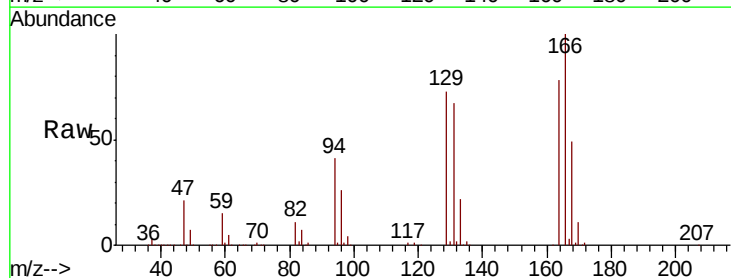
Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46
 Tetrachloroethene
 Concen: 23.488 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion:	164	Resp:	167691
Ion	Ratio	Lower	Upper
164	100		
129	93.2	54.2	100.6
131	86.2	54.1	100.5
166	128.1	80.4	149.4



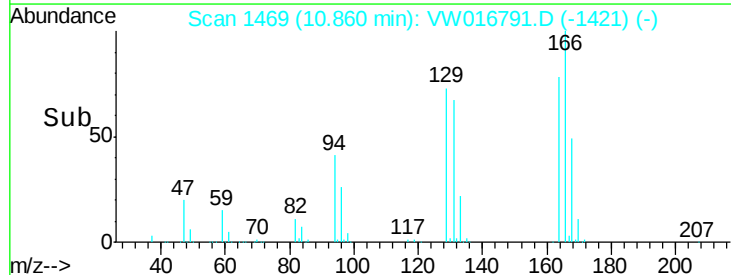
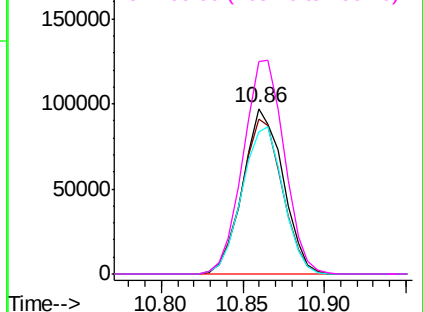
Abundance

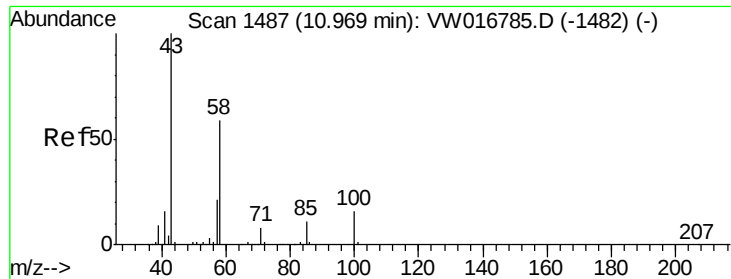
Ion 164.00 (163.70 to 164.70): V

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

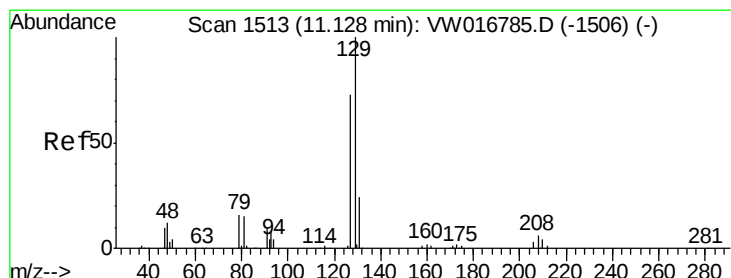
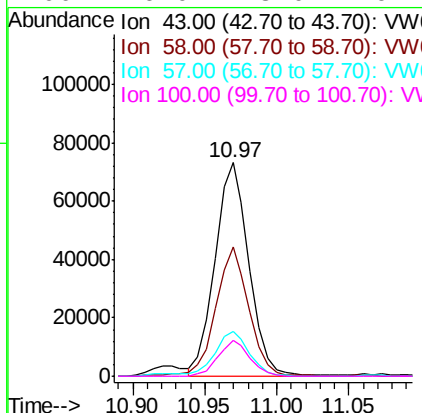
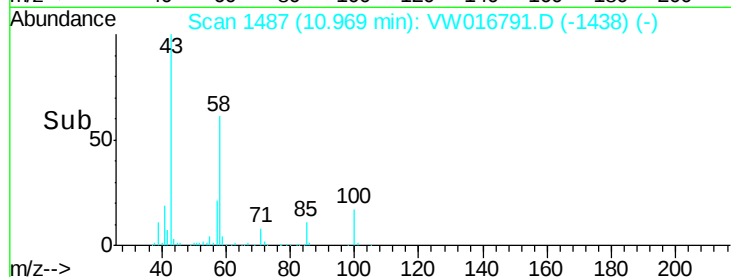
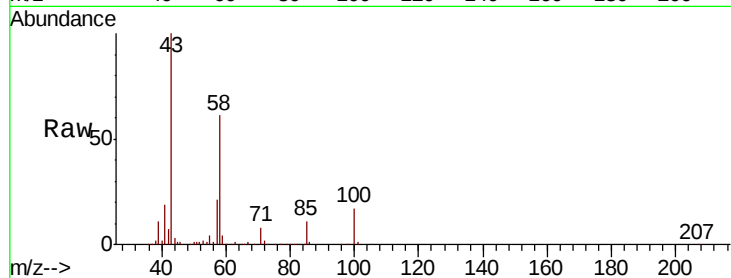




#48
2-Hexanone
Concen: 58.892 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

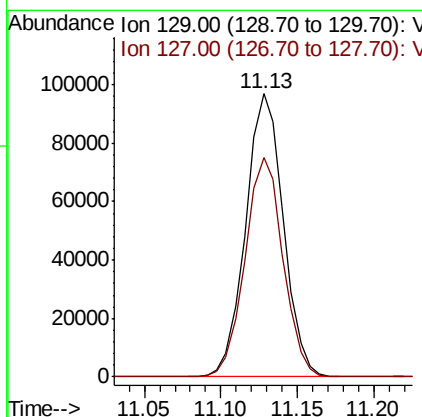
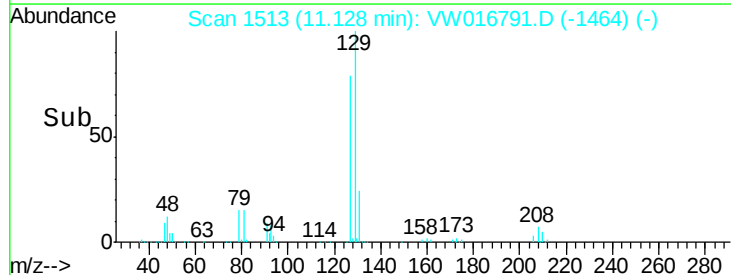
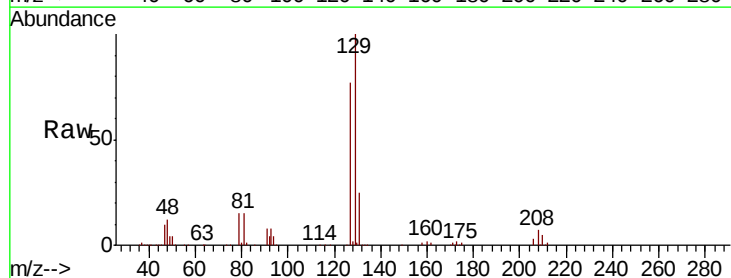
Instrument :
MSVOA_W
ClientSampled :

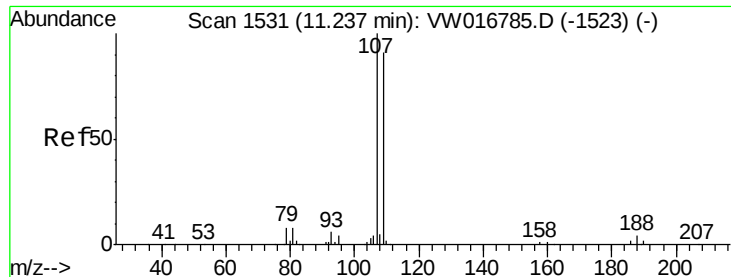
Tot Ion: 43 Resp: 120273
Ion Ratio Lower Upper
43 100
58 59.6 46.7 70.1
57 21.1 16.9 25.3
100 16.0 13.0 19.4



#49
Dibromochloromethane
Concen: 26.856 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion: 129 Resp: 166144
Ion Ratio Lower Upper
129 100
127 77.4 50.8 94.4

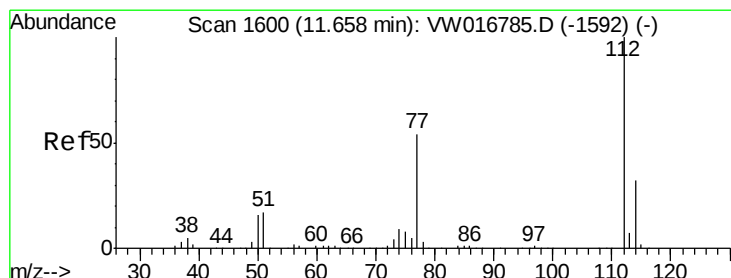
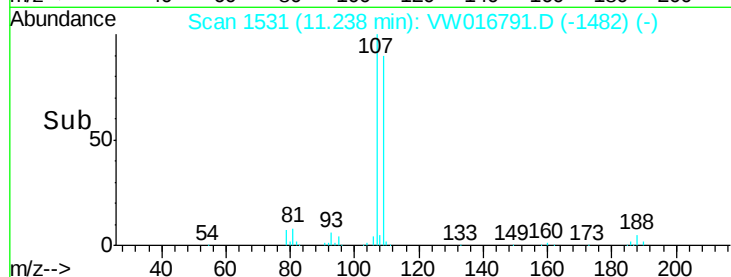
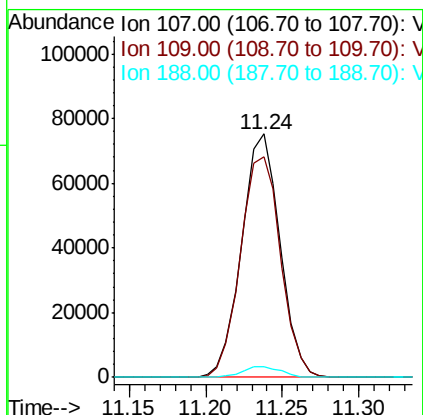
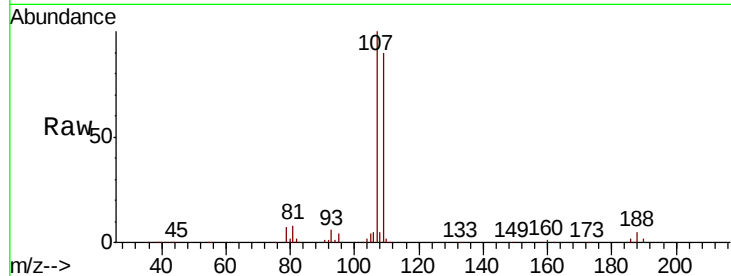




#50
1,2-Dibromoethane
Concen: 27.132 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

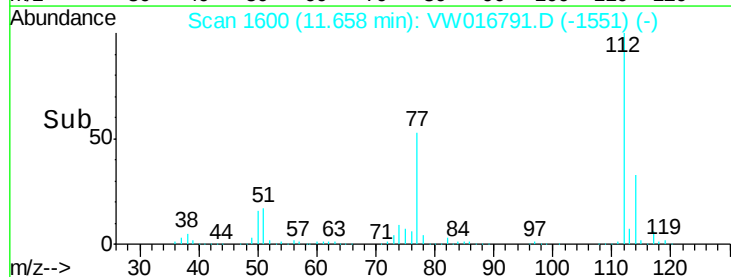
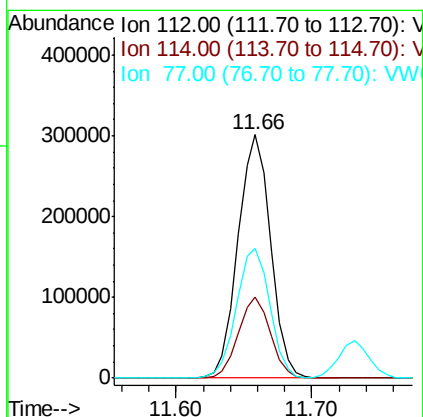
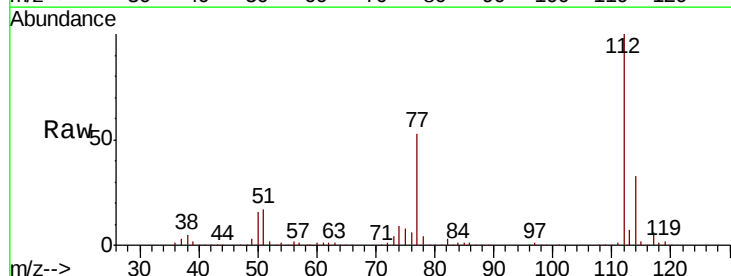
Instrument :
MSVOA_W
ClientSampleId :

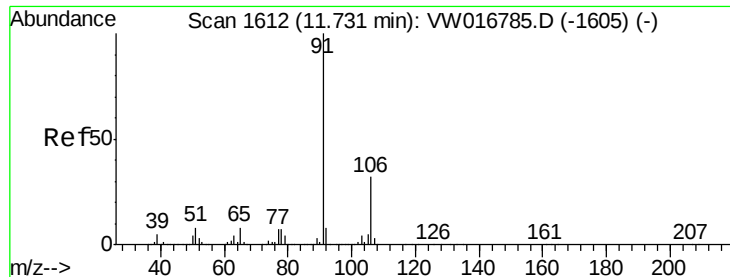
Tot Ion:107 Resp: 131321
Ion Ratio Lower Upper
107 100
109 90.4 63.6 118.0
188 4.6 3.3 4.9



#51
Chlorobenzene
Concen: 24.848 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion:112 Resp: 504266
Ion Ratio Lower Upper
112 100
114 33.3 22.3 41.5
77 53.3 43.6 65.4

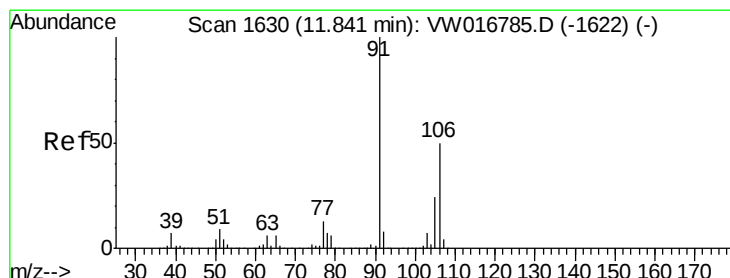
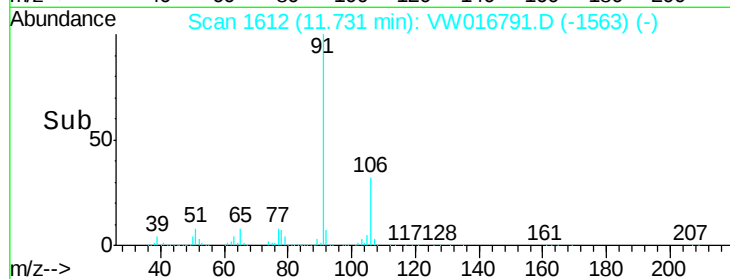
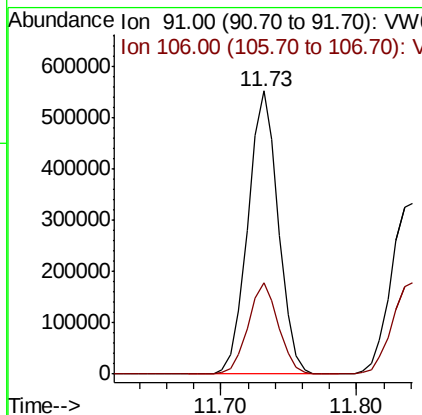
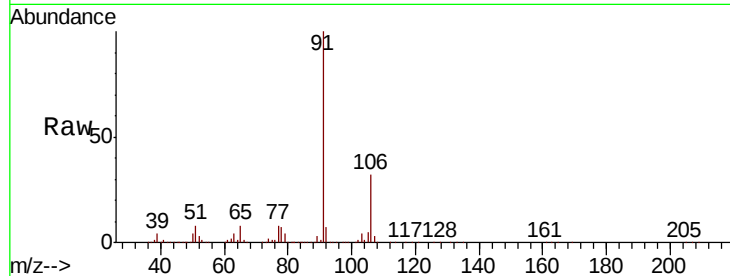




#52
Ethylbenzene
Concen: 25.373 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

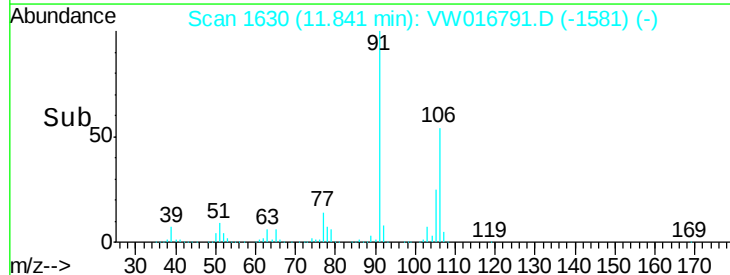
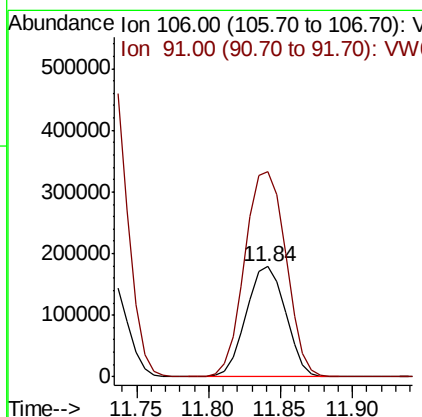
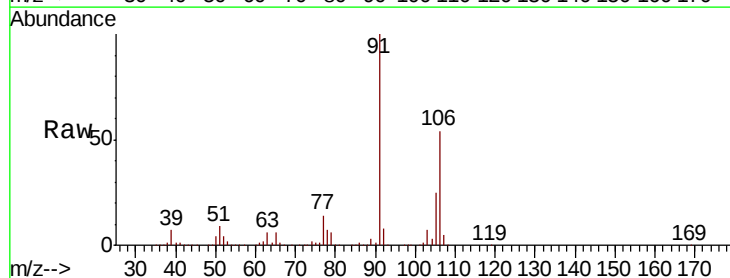
Instrument :
MSVOA_W
ClientSampled :

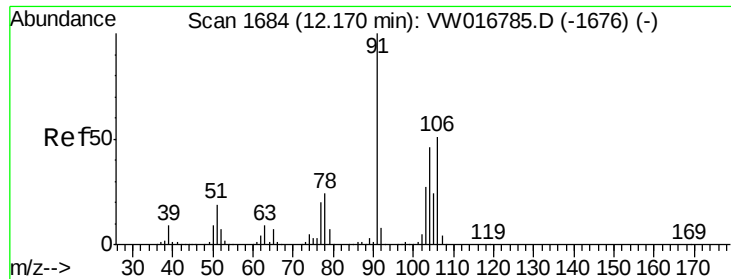
Tot Ion: 91 Resp: 864370
Ion Ratio Lower Upper
91 100
106 32.5 22.3 41.5



#53
m,p-Xylene
Concen: 25.489 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion: 106 Resp: 339336
Ion Ratio Lower Upper
106 100
91 186.1 138.7 257.7

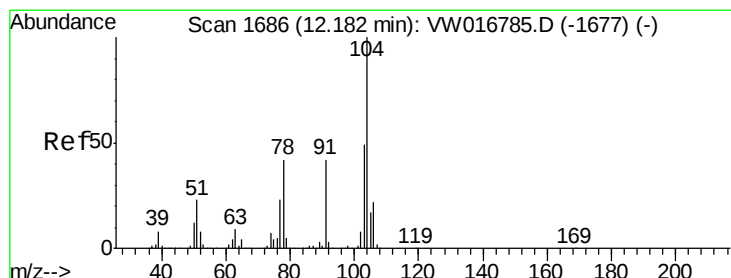
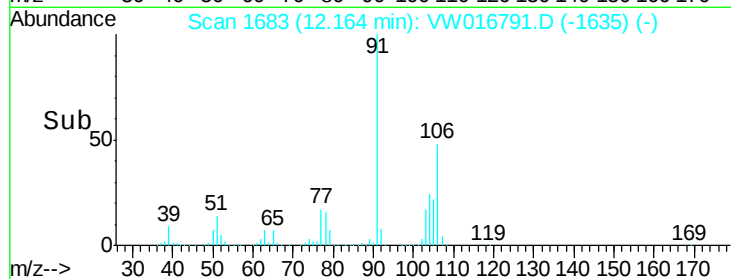
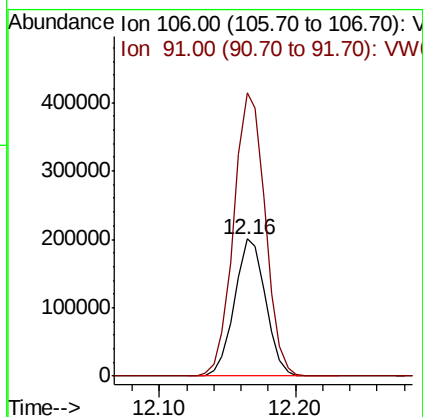
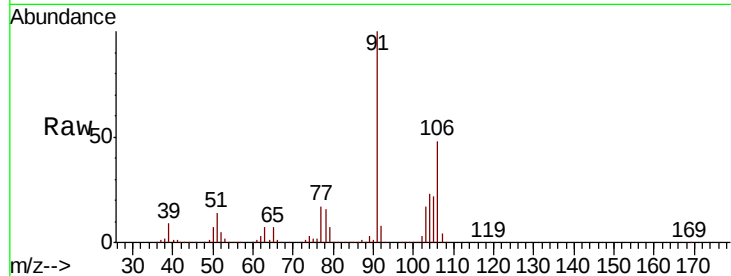




#54
o-Xylene
Concen: 25.315 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

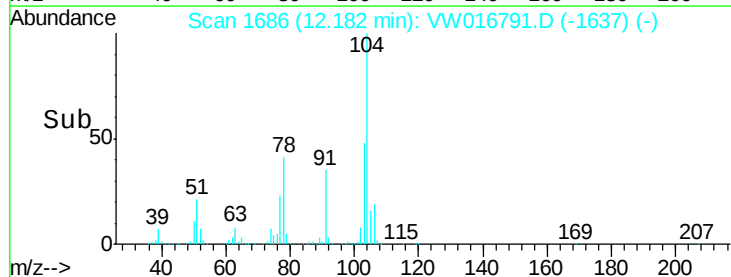
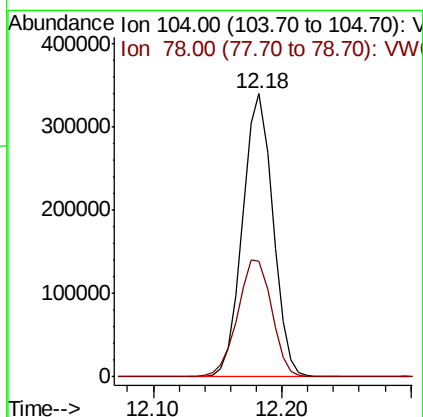
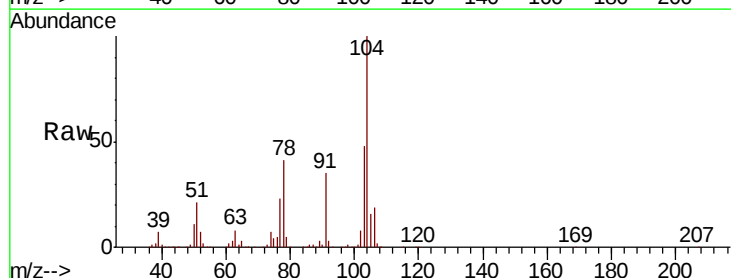
Instrument :
MSVOA_W
ClientSampled :

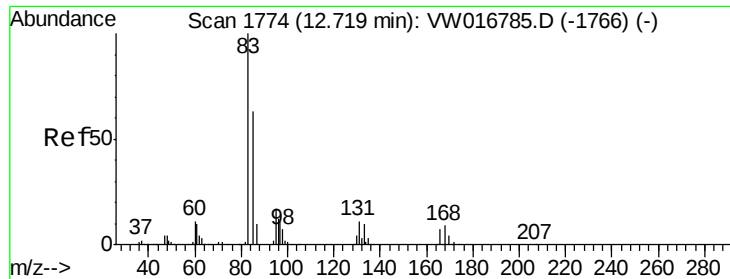
Tot Ion:106 Resp: 318939
Ion Ratio Lower Upper
106 100
91 206.4 136.2 252.9



#55
Styrene
Concen: 26.498 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion:104 Resp: 552484
Ion Ratio Lower Upper
104 100
78 40.9 29.5 54.9

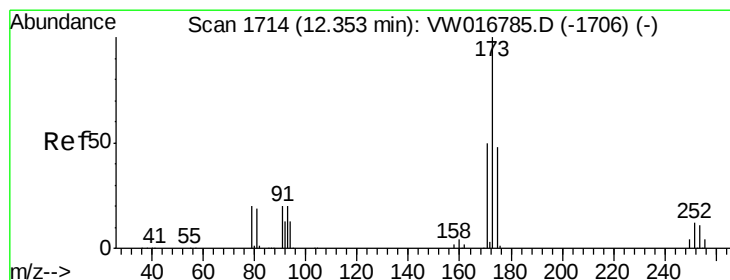
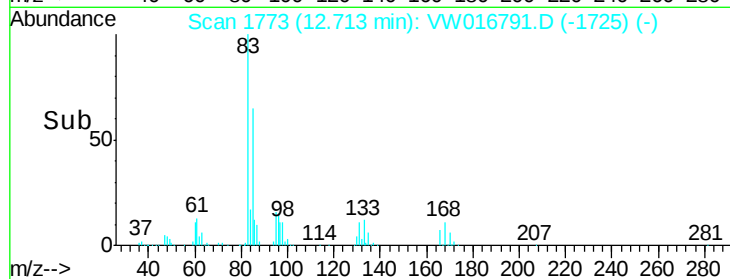
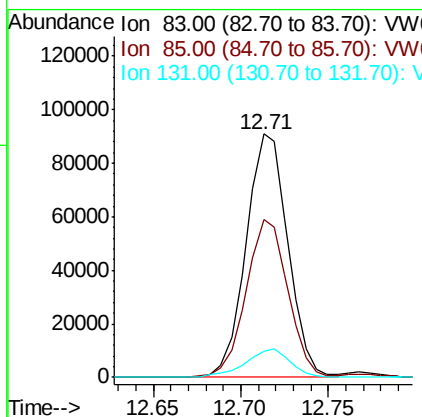
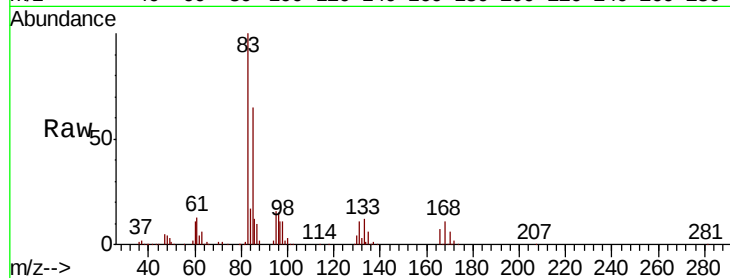




#57
 1,1,2,2-Tetrachloroethane
 Concen: 27.875 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

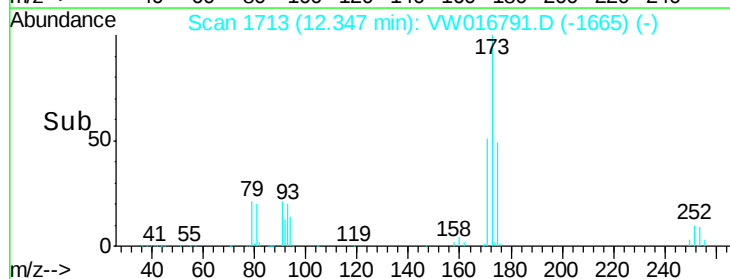
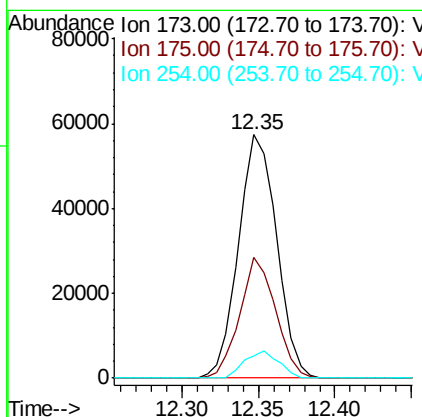
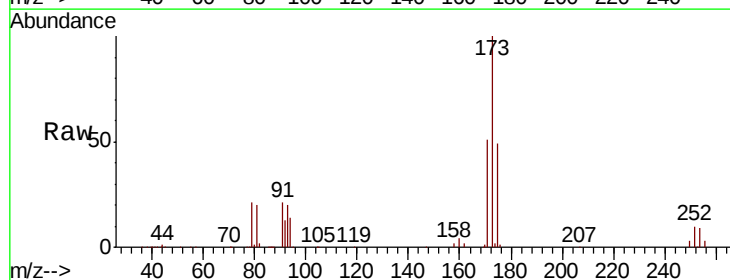
Instrument :
 MSVOA_W
 ClientSampleId :

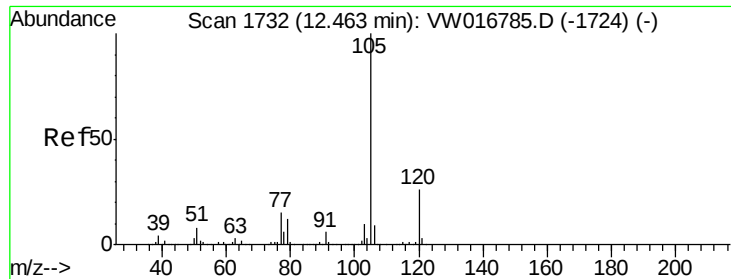
Tot Ion: 83 Resp: 150730
 Ion Ratio Lower Upper
 83 100
 85 64.7 43.9 81.5
 131 11.0 8.8 13.2



#59
 Bromoform
 Concen: 27.011 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion: 173 Resp: 99624
 Ion Ratio Lower Upper
 173 100
 175 46.9 38.5 57.7
 254 10.1 8.2 12.2





#60

Isopropylbenzene

Concen: 24.997 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

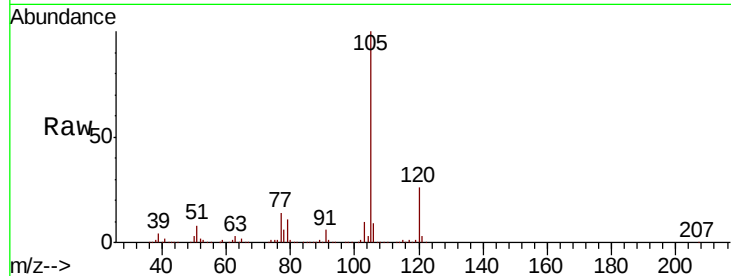
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 105 Resp: 872786

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.5	32.3
77	14.6	11.8	17.6

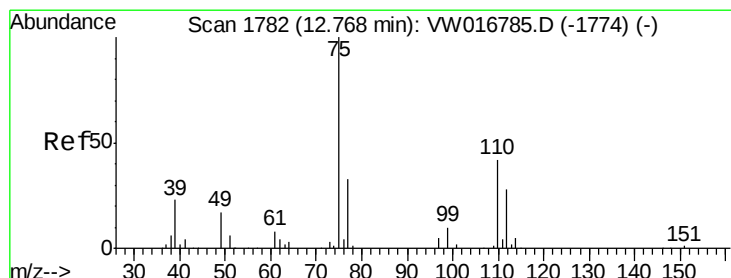
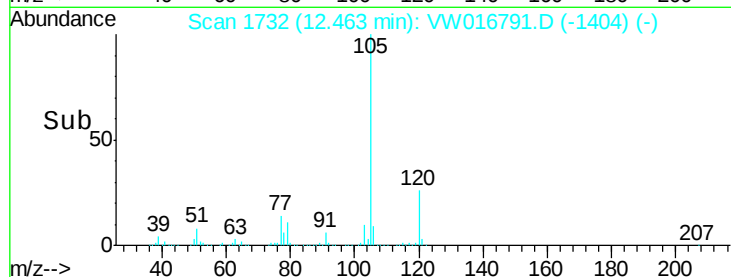
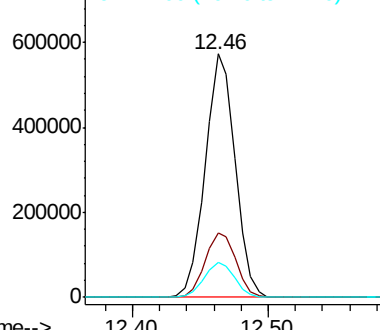


Abundance

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: 27.237 ug/L

RT: 12.77 min Scan# 1782

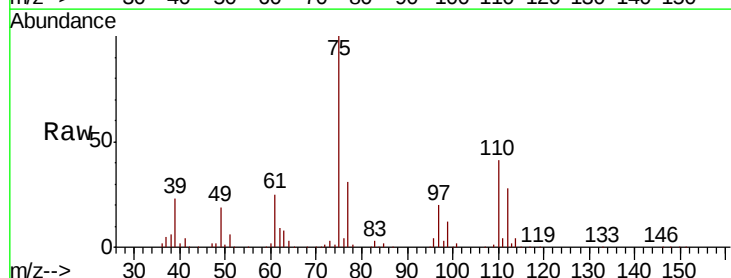
Delta R.T. 0.00 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Tgt Ion: 75 Resp: 109840

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8
110	43.4	35.1	52.7

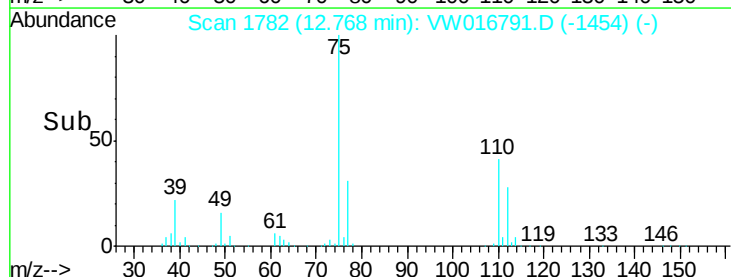
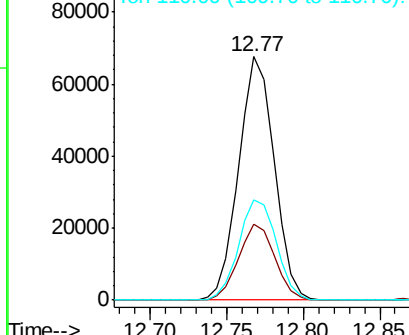


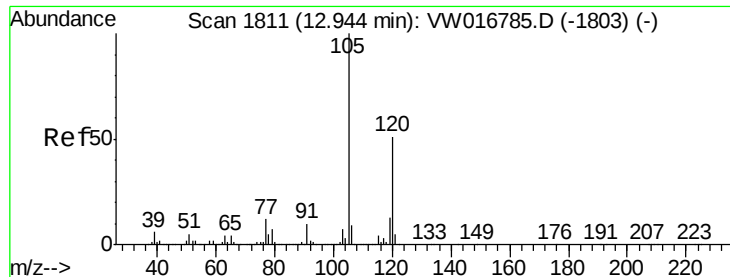
Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

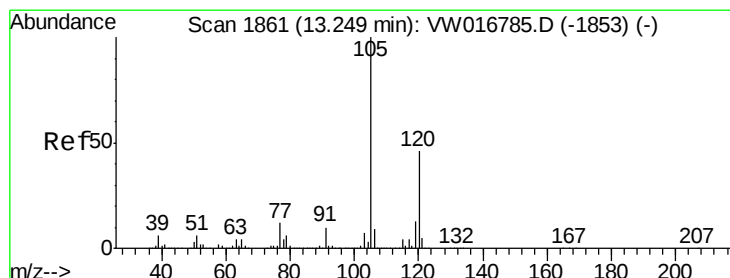
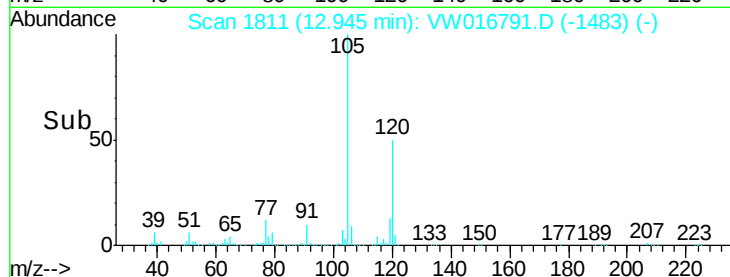
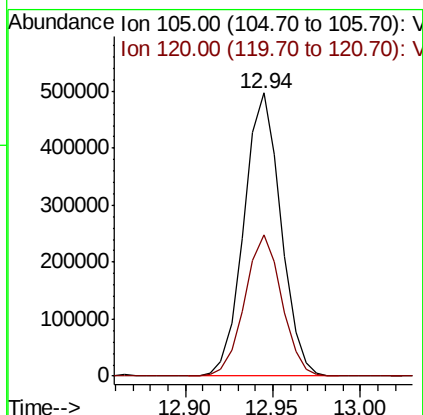
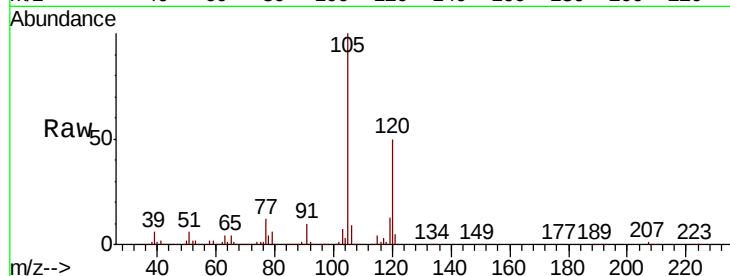




#62
 1,3,5-Trimethylbenzene
 Concen: 25.355 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

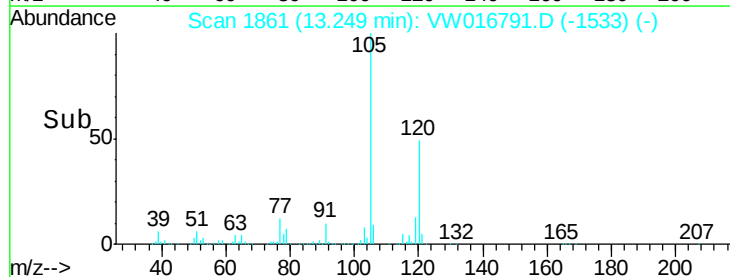
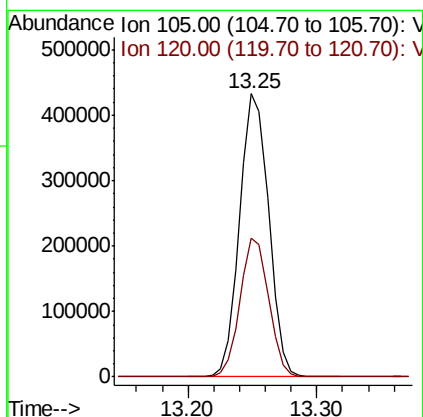
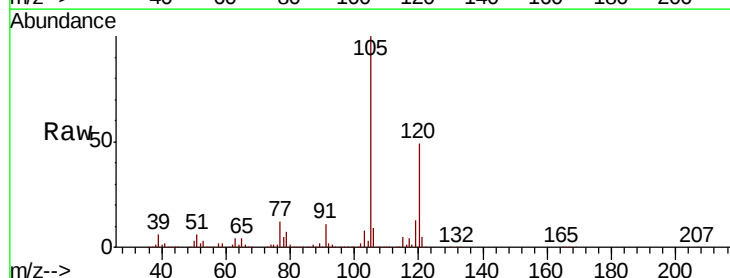
Instrument :
 MSVOA_W
 ClientSampled :

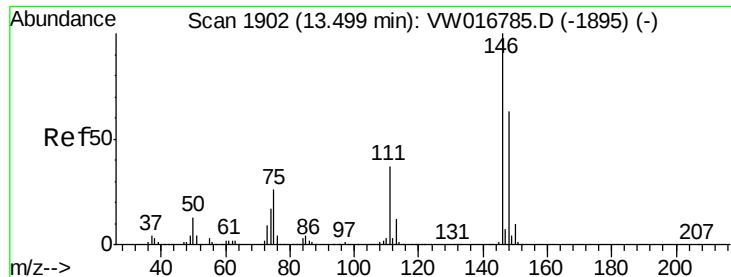
Tot Ion:105 Resp: 730803
 Ion Ratio Lower Upper
 105 100
 120 49.9 41.0 61.4



#63
 1,2,4-Trimethylbenzene
 Concen: 24.958 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion:105 Resp: 676096
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.9 56.9





#64

1,3-Dichlorobenzene

Concen: 24.547 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016791.D

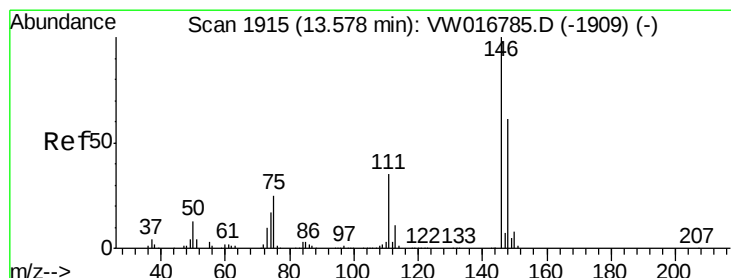
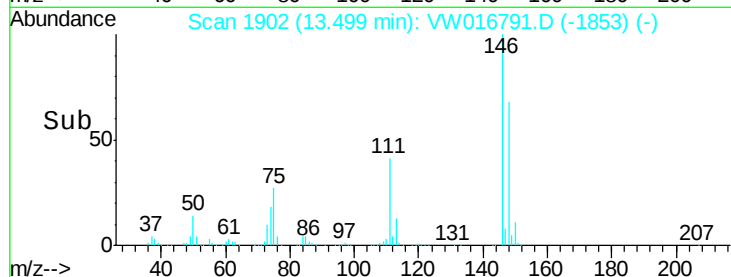
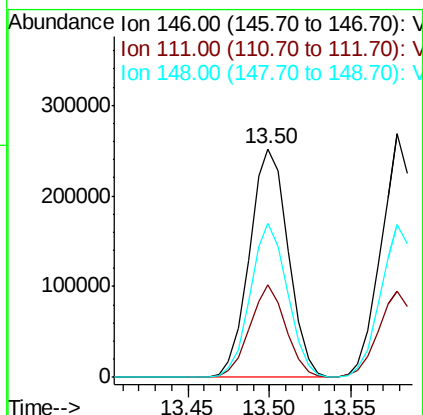
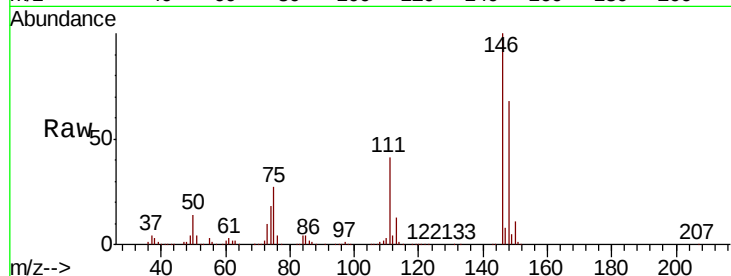
Acq: 06 Oct 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146	Resp:	413873
Ion	Ratio	Lower Upper
146	100	
111	40.5	26.2 48.6
148	67.5	43.8 81.4



#65

1,4-Dichlorobenzene

Concen: 24.291 ug/L

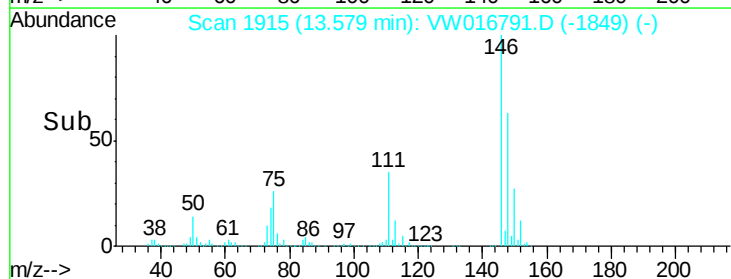
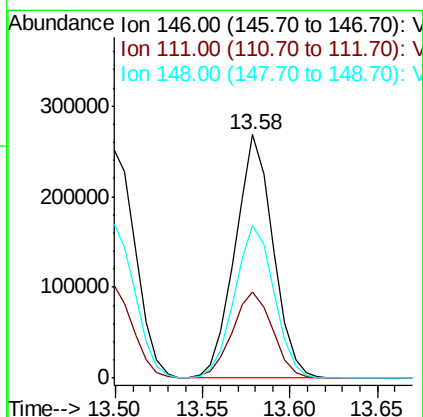
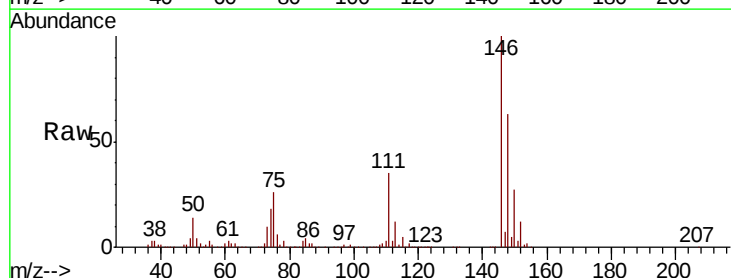
RT: 13.58 min Scan# 1915

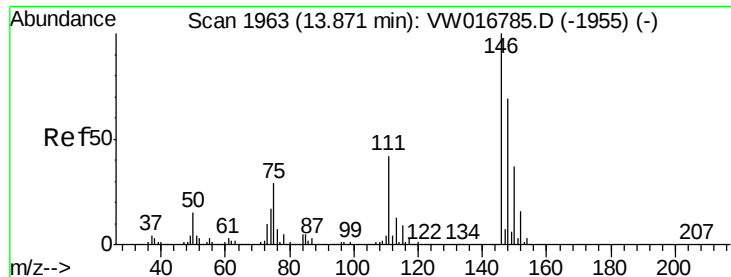
Delta R.T. 0.00 min

Lab File: VW016791.D

Acq: 06 Oct 2020 12:01

Tgt Ion:146	Resp:	404947
Ion	Ratio	Lower Upper
146	100	
111	35.4	24.6 45.8
148	62.9	43.0 79.8

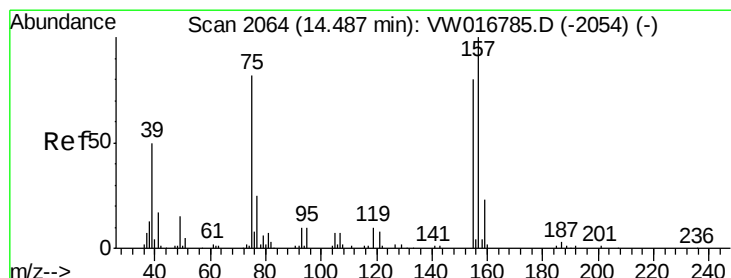
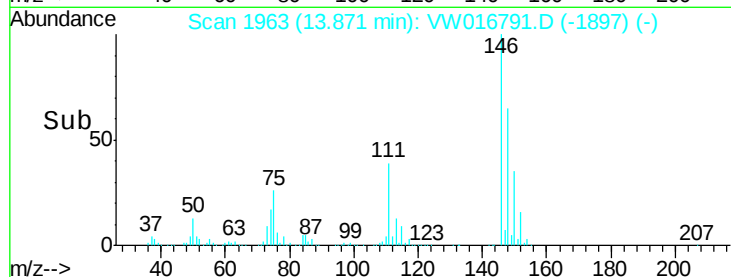
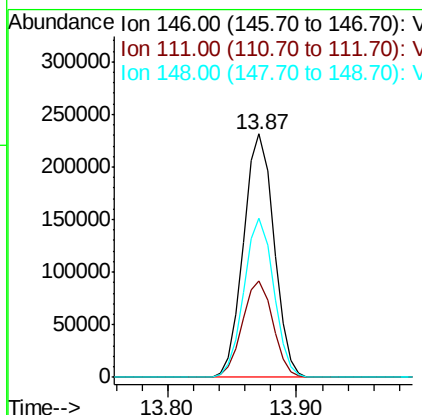
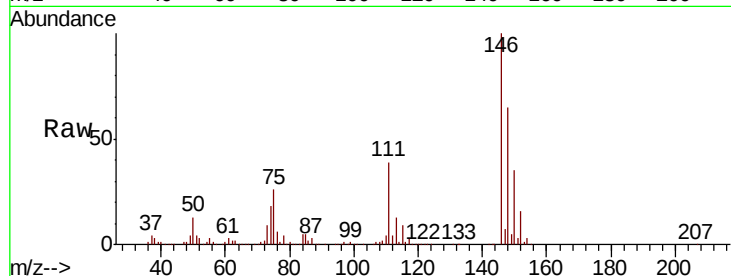




#67
 1,2-Dichlorobenzene
 Concen: 26.096 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

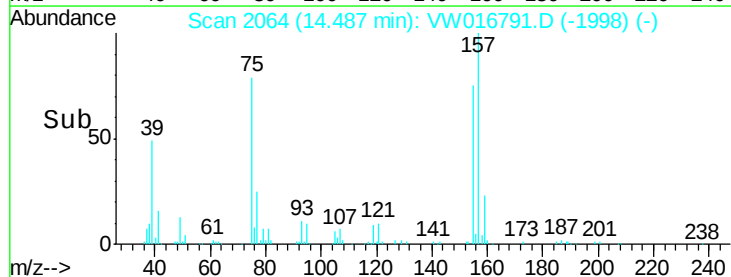
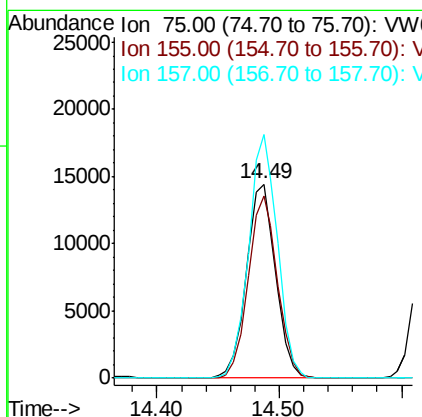
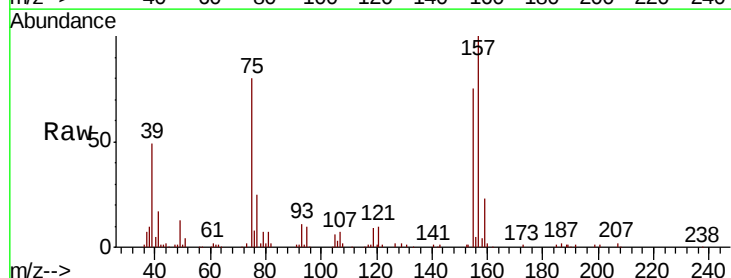
Instrument :
 MSVOA_W
 ClientSampleId :

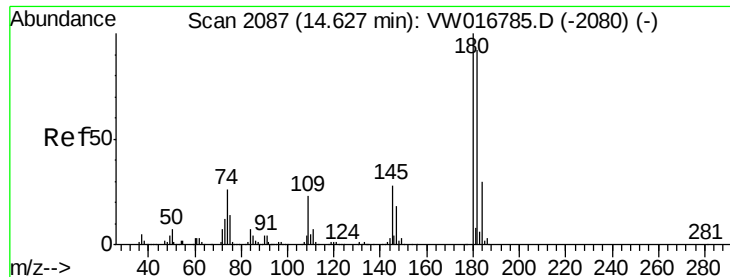
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	33.6	50.4
148	65.2	54.9	82.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 28.345 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	77.4	116.2
157	125.6	97.2	145.8

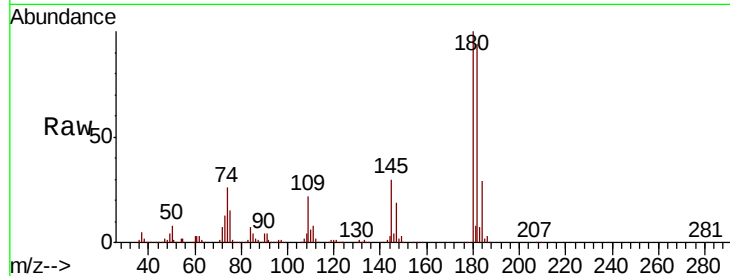




#69
 1,3,5-Trichlorobenzene
 Concen: 25.593 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	180	Resp	317835
Ion Ratio	100	Lower	Upper
180	100		
182	93.4	77.3	115.9
184	29.7	24.6	36.8
145	27.6	22.7	34.1

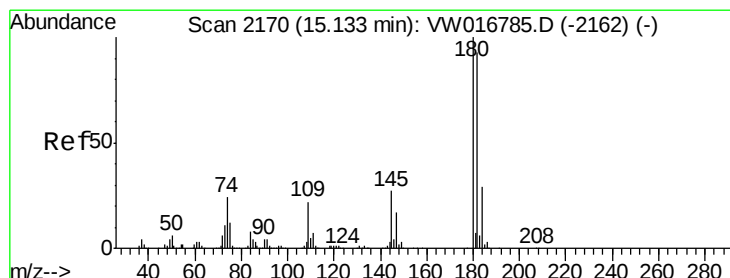
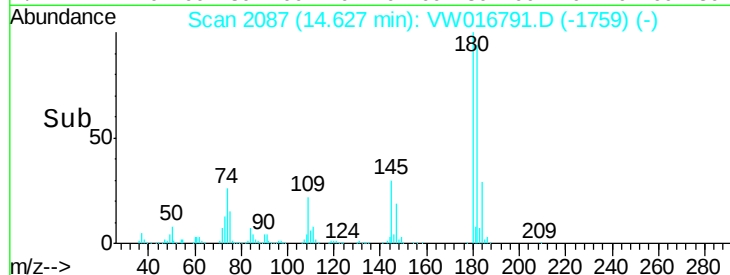
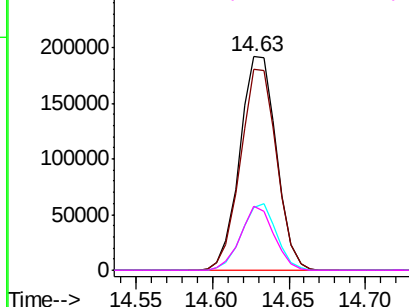


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

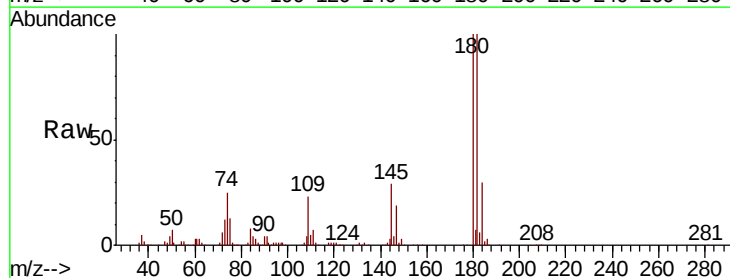
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 25.921 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016791.D
 Acq: 06 Oct 2020 12:01

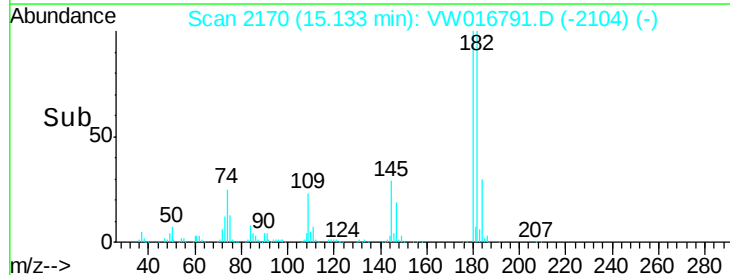
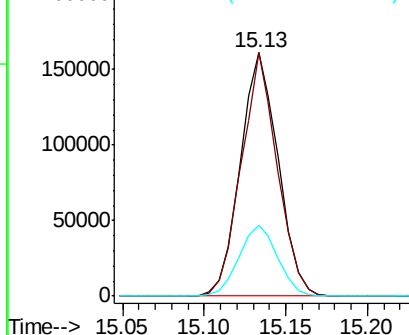
Tgt Ion	180	Resp	258995
Ion Ratio	100	Lower	Upper
180	100		
182	95.2	74.7	112.1
145	29.7	23.0	34.4

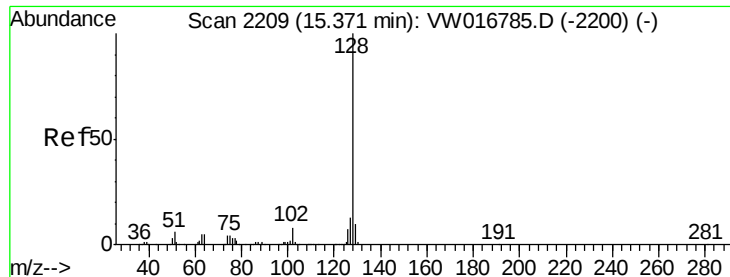


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

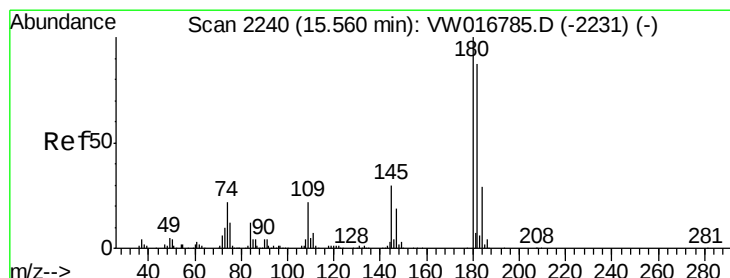
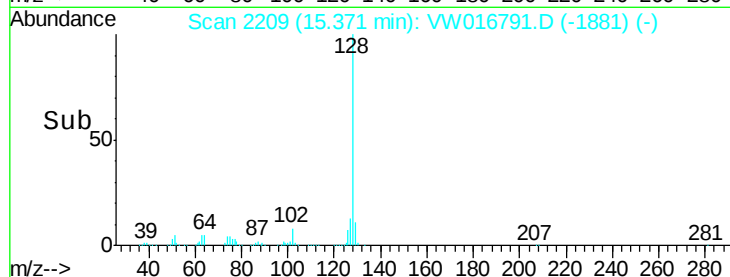
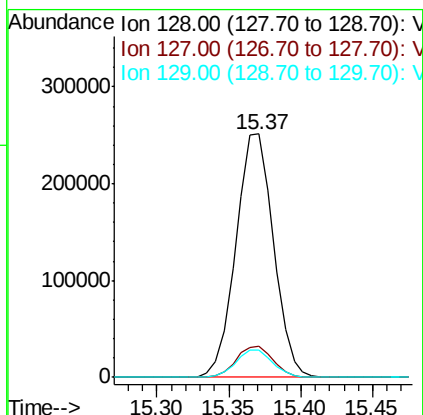
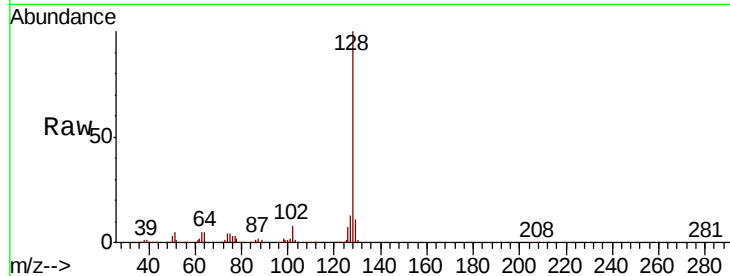




#71
Naphthalene
Concen: 28.560 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 455601
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.731 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016791.D
Acq: 06 Oct 2020 12:01

Tgt Ion:180 Resp: 218741
Ion Ratio Lower Upper
180 100
182 98.5 74.4 111.6
145 32.7 25.5 38.3

