

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015958.D
 Acq On : 24 Jul 2020 18:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:18:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	440543	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408057	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197953	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118171	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
7) Chloroethane-d5	2.90	69	111580	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
10) 1,1-Dichloroethene-d2	4.02	63	275579	21.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.72%
20) 2-Butanone-d5	7.09	46	89200	54.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.26%
24) Chloroform-d	7.65	84	291395	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.31	65	157072	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.28	84	569477	22.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.72%
33) 1,2-Dichloropropane-d6	9.28	67	176433	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.33	98	512427	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	10.58	79	70661	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	10.93	63	68065	54.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147250	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	176271	22.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	88588	23.764	ug/L	99
3) Chloromethane	2.21	50	109670	24.325	ug/L	99
5) Vinyl chloride	2.37	62	163908	23.571	ug/L	98
6) Bromomethane	2.79	94	99874	24.075	ug/L	99
8) Chloroethane	2.93	64	101743	24.976	ug/L	98
9) Trichlorofluoromethane	3.26	101	126773	27.122	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	146994	25.727	ug/L	98
12) 1,1-Dichloroethene	4.04	96	143866	25.404	ug/L	95
13) Acetone	4.12	43	72976	53.217	ug/L	96
14) Carbon disulfide	4.38	76	429727	24.027	ug/L	100
15) Methyl Acetate	4.67	43	69925	27.044	ug/L	98
16) Methylene chloride	4.92	84	183790	25.460	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	225051	28.103	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	151546	25.341	ug/L	97
19) 1,1-Dichloroethane	6.22	63	283075	25.687	ug/L	99
21) 2-Butanone	7.18	43	96890	57.138	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	164631	26.313	ug/L	99

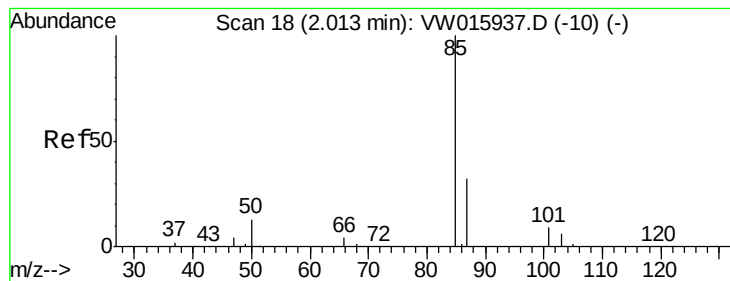
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015958.D
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 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	73566	26.814	uq/L	92
25) Chloroform	7.68	83	282529	25.868	uq/L	99
27) 1,2-Dichloroethane	8.40	62	187800	25.270	uq/L	96
30) Cyclohexane	7.96	56	253855	24.672	uq/L	99
31) 1,1,1-Trichloroethane	7.88	97	234366	24.597	uq/L	99
32) Carbon tetrachloride	8.07	117	209093	24.200	uq/L	99
34) Benzene	8.33	78	634518	25.602	uq/L	100
35) Trichloroethene	9.09	95	161691	24.663	uq/L	98
36) Methylcyclohexane	9.34	83	284497	25.290	uq/L	99
40) 1,2-Dichloropropane	9.37	63	159765	26.022	uq/L	100
41) Bromodichloromethane	9.65	83	198512	25.036	uq/L	99
42) cis-1,3-Dichloropropene	10.08	75	241557	25.833	uq/L	100
43) 4-Methyl-2-pentanone	10.21	43	194042	54.146	uq/L	98
44) Toluene	10.39	91	673668	25.917	uq/L	99
45) trans-1,3-Dichloropropene	10.61	75	210978	26.030	uq/L	99
46) 1,1,2-Trichloroethane	10.79	97	117476	26.608	uq/L	98
47) Tetrachloroethene	10.87	164	125456	24.653	uq/L	98
49) 2-Hexanone	10.97	43	137625	54.117	uq/L	98
50) Dibromochloromethane	11.13	129	133913	26.198	uq/L	99
51) 1,2-Dibromoethane	11.24	107	111604	26.424	uq/L	99
52) Chlorobenzene	11.66	112	426363	25.598	uq/L	97
53) Ethylbenzene	11.73	91	752297	25.738	uq/L	97
54) m,p-Xylene	11.84	106	282747	25.856	uq/L	100
55) o-xylene	12.17	106	271348	26.351	uq/L	100
56) Styrene	12.18	104	467720	26.709	uq/L	100
57) Isopropylbenzene	12.47	105	740500	26.417	uq/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	143685	27.715	uq/L	99
59) 1,2,3-Trichloropropane	12.77	75	103875	26.741	uq/L	100
62) Bromoform	12.35	173	73854	25.362	uq/L #	99
63) 1,3-Dichlorobenzene	13.50	146	314422	24.818	uq/L	94
64) 1,4-Dichlorobenzene	13.58	146	317564	24.698	uq/L	96
65) 1,2-Dichlorobenzene	13.87	146	291092	25.295	uq/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21653	24.998	uq/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	228522	25.653	uq/L	98
68) 1,2,4-trichlorobenzene	15.14	180	180422	25.498	uq/L	98
69) Naphthalene	15.37	128	354266	26.576	uq/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	163521	25.937	uq/L	98

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



#2

Dichlorodifluoromethane

Concen: 23.764 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

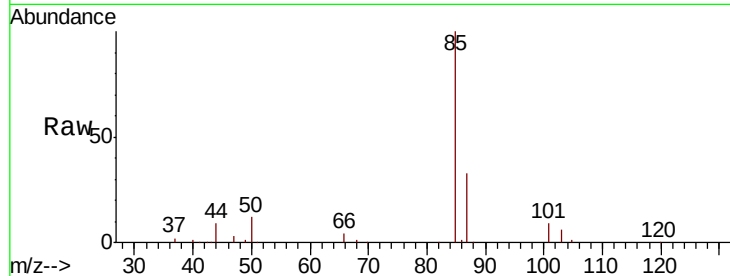
ClientSampleId :

Tot Ion: 85 Resp: 88588

Ion Ratio Lower Upper

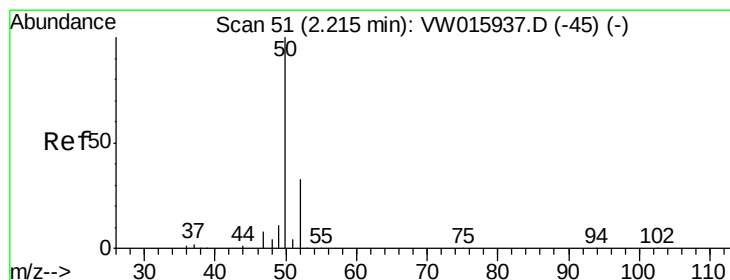
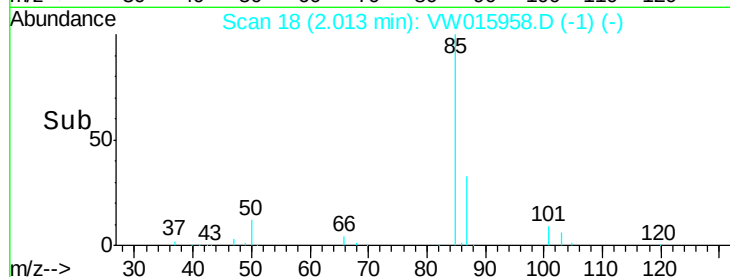
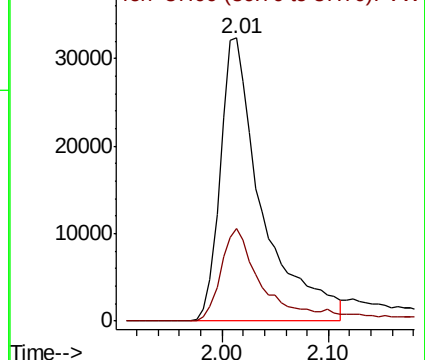
85 100

87 30.6 21.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 24.325 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015958.D

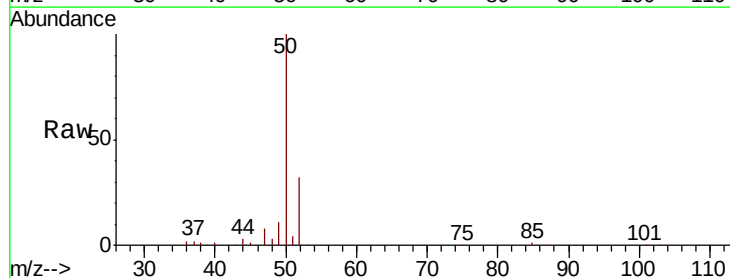
Acq: 24 Jul 2020 18:27

Tgt Ion: 50 Resp: 109670

Ion Ratio Lower Upper

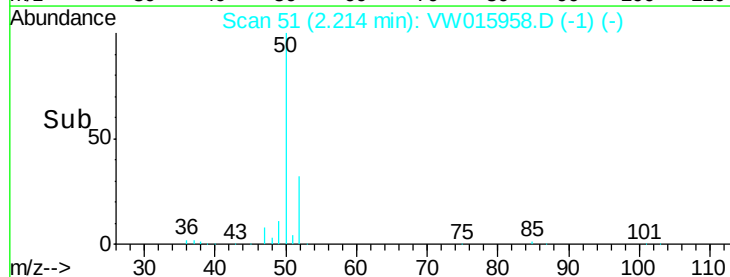
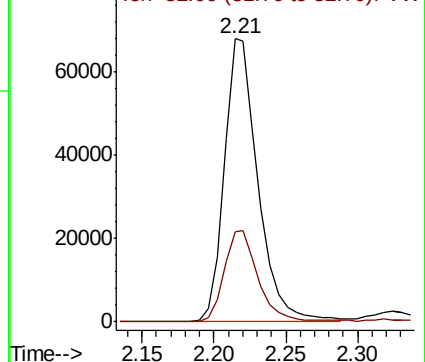
50 100

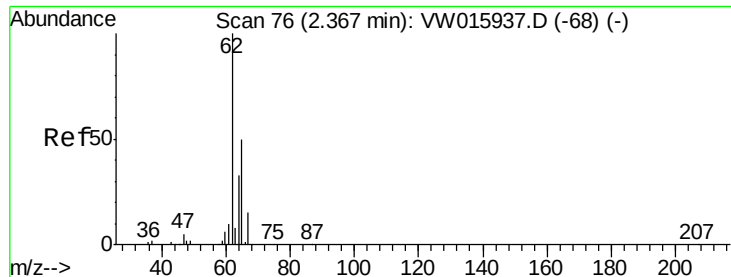
52 31.8 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 23.571 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

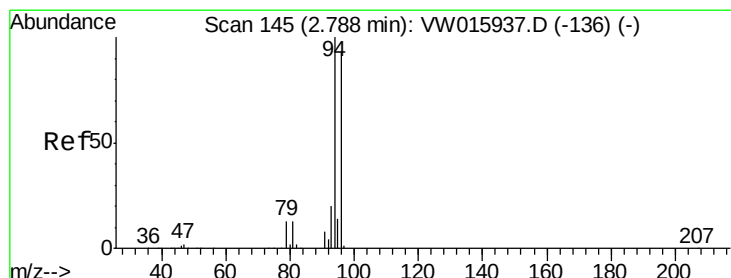
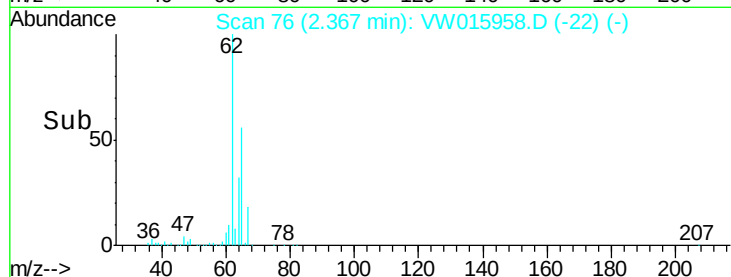
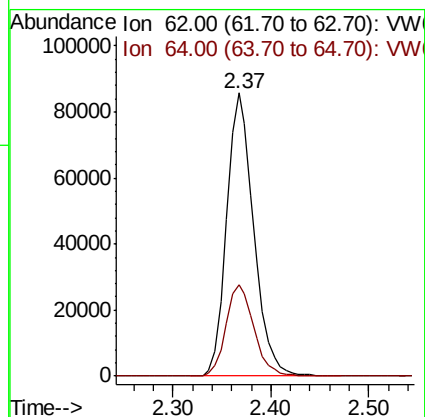
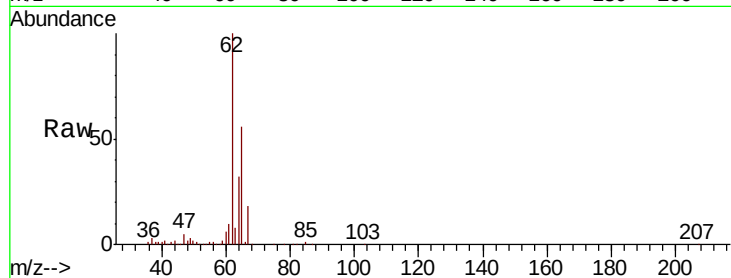
ClientSampleId :

Tot Ion: 62 Resp: 163908

Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.0



#6

Bromomethane

Concen: 24.075 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW015958.D

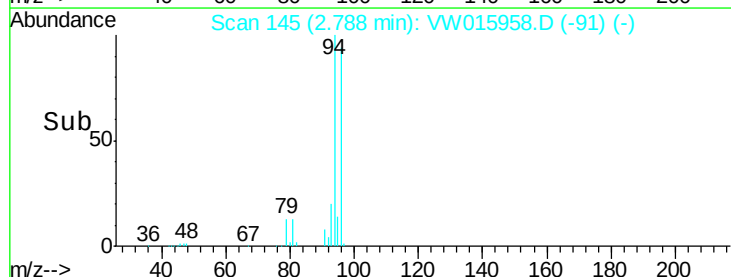
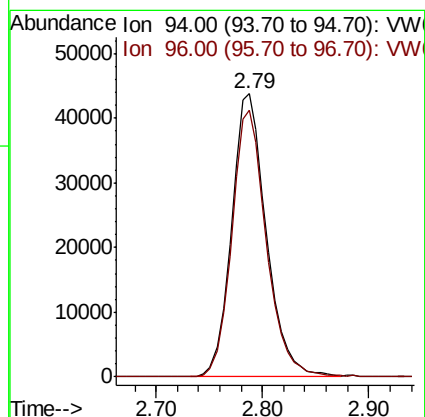
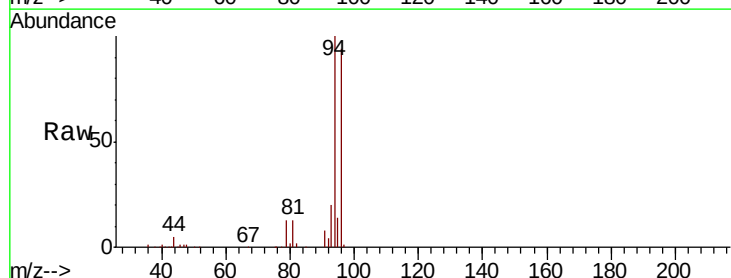
Acq: 24 Jul 2020 18:27

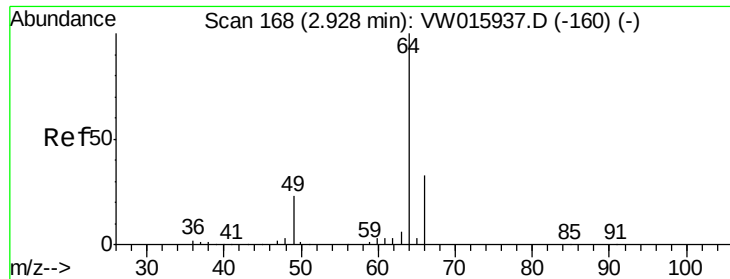
Tgt Ion: 94 Resp: 99874

Ion Ratio Lower Upper

94 100

96 93.5 9.5 180.1

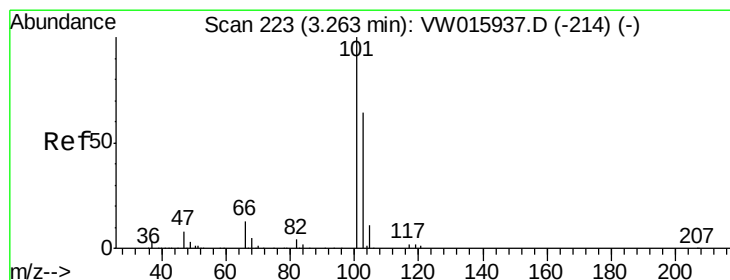
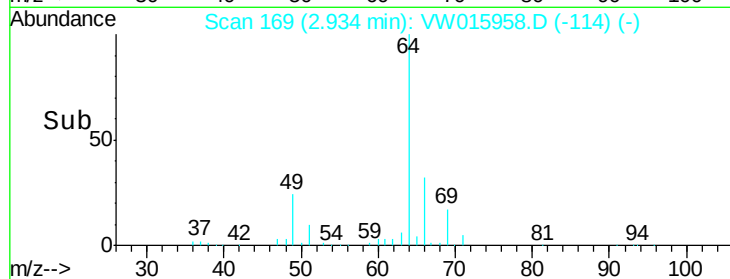
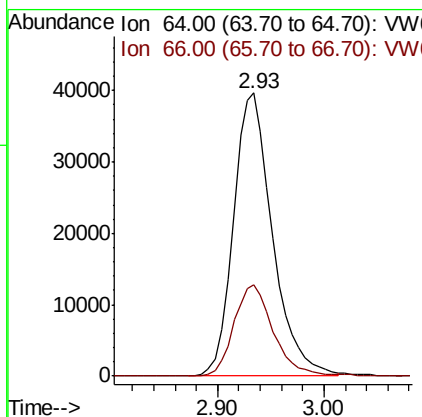
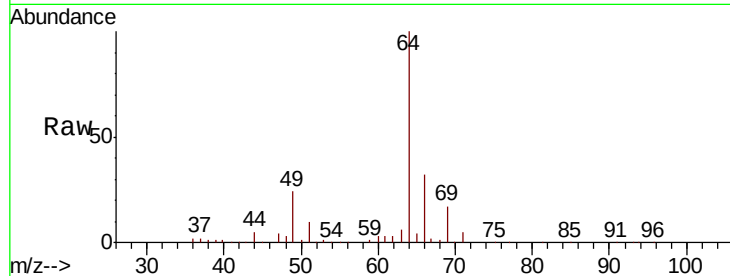




#8
Chloroethane
Concen: 24.976 ug/L
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

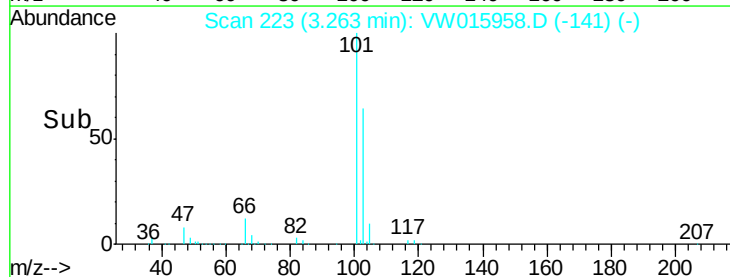
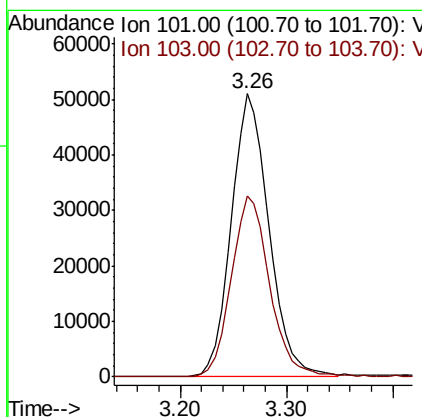
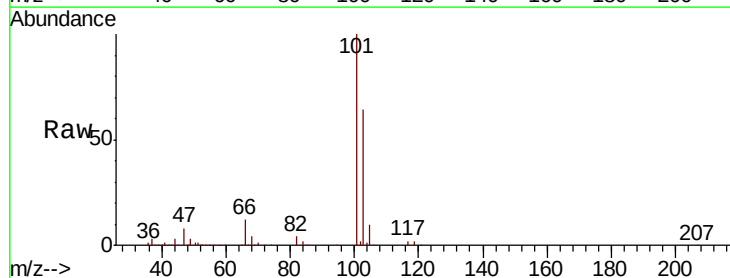
Instrument :
MSVOA_W
ClientSampleId :

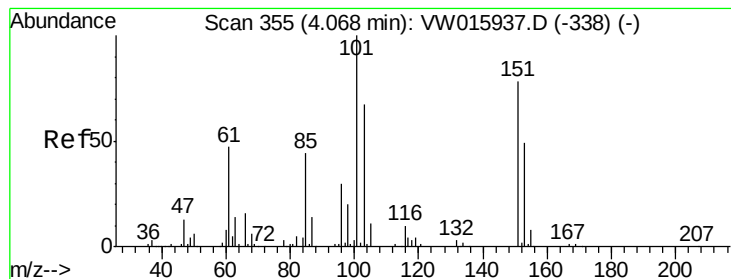
Tot Ion: 64 Resp: 101743
Ion Ratio Lower Upper
64 100
66 32.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 27.122 ug/L
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion:101 Resp: 126773
Ion Ratio Lower Upper
101 100
103 64.9 45.8 85.2





#11

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

Concen: 25.727 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampled :

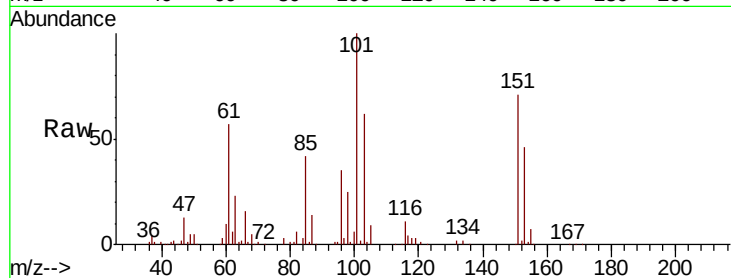
Tot Ion:101 Resp: 146994

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

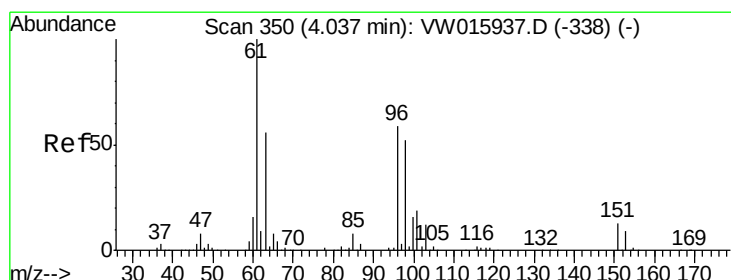
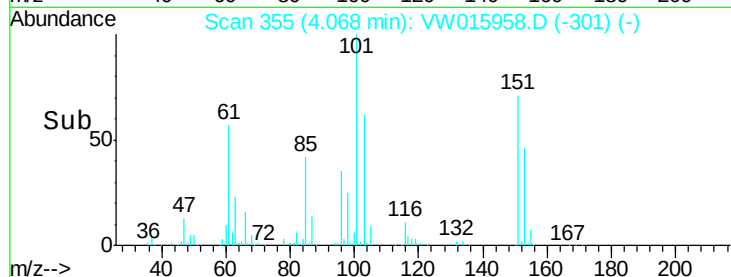
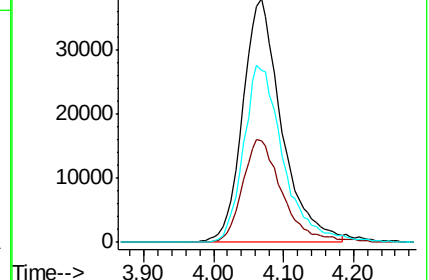
151 74.5 58.4 87.6



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: 25.404 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

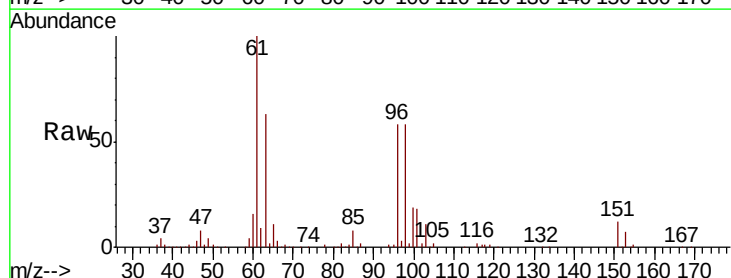
Tgt Ion: 96 Resp: 143866

Ion Ratio Lower Upper

96 100

61 173.4 125.0 232.2

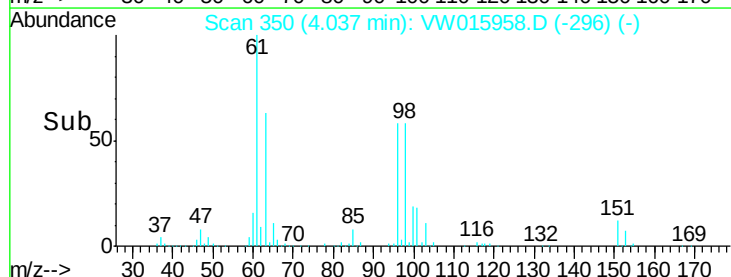
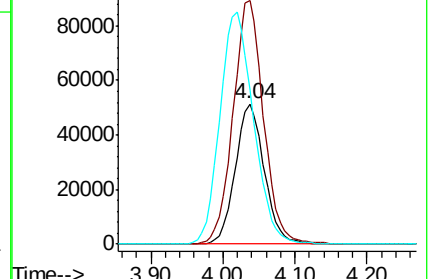
63 109.6 82.3 152.8

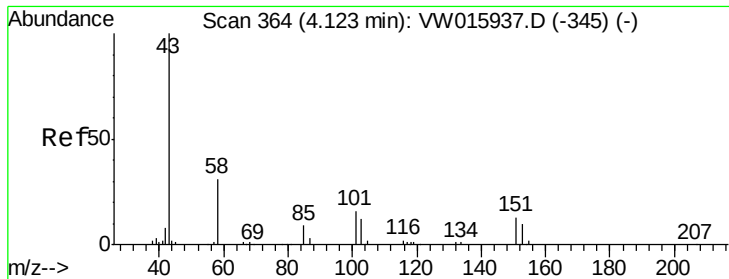


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

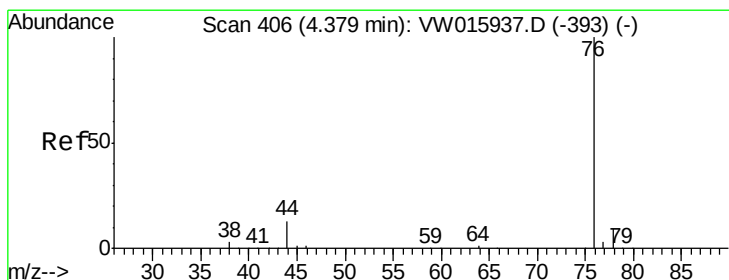
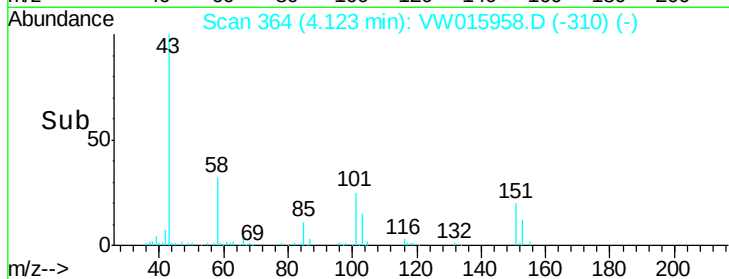
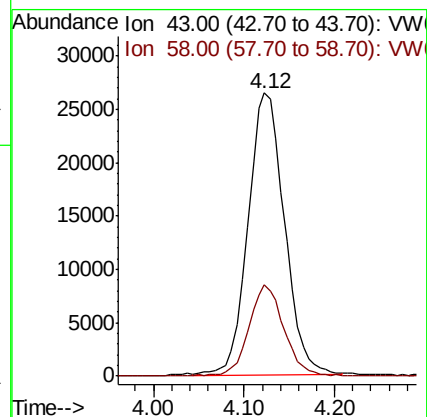
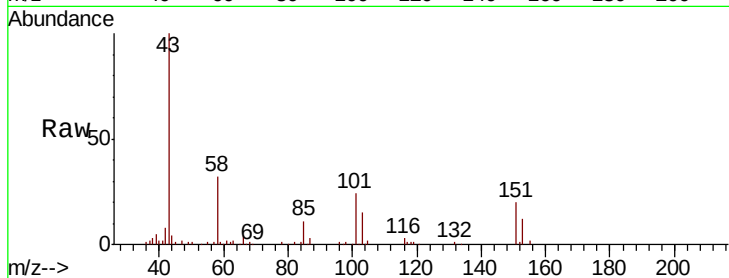




#13
Acetone
Concen: 53.217 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

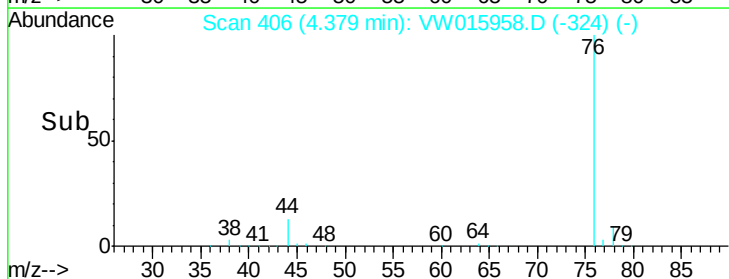
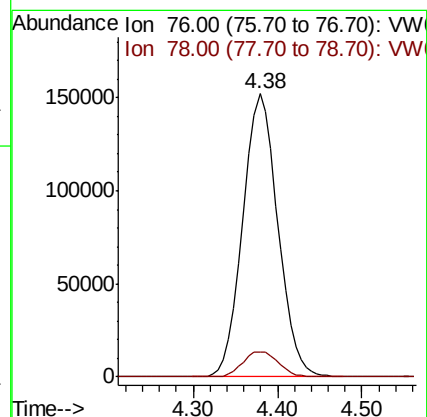
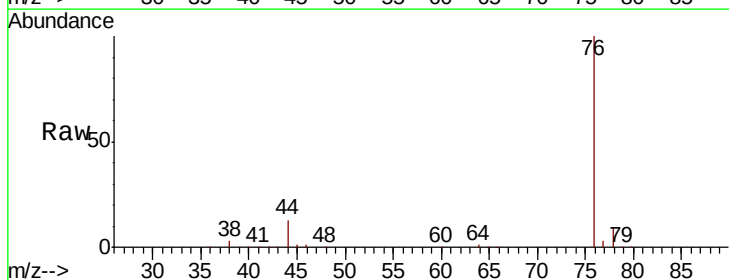
Instrument :
MSVOA_W
ClientSampleId :

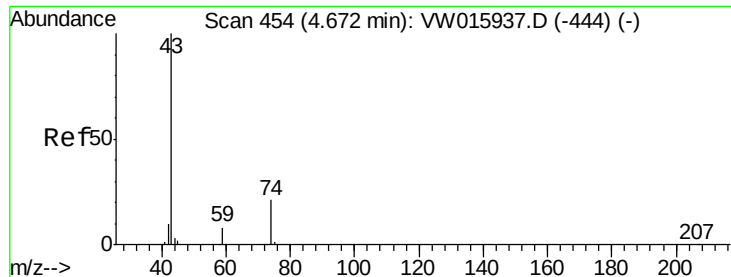
Tot Ion: 43 Resp: 72976
Ion Ratio Lower Upper
43 100
58 31.3 0.0 58.2



#14
Carbon disulfide
Concen: 24.027 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion: 76 Resp: 429727
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

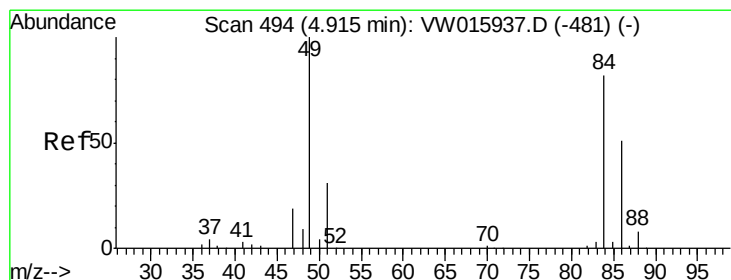
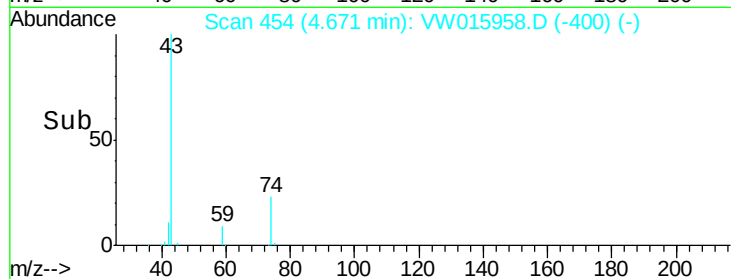
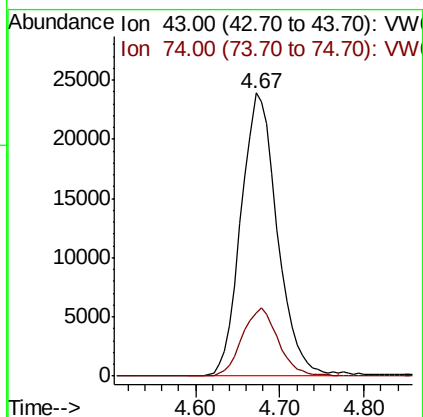
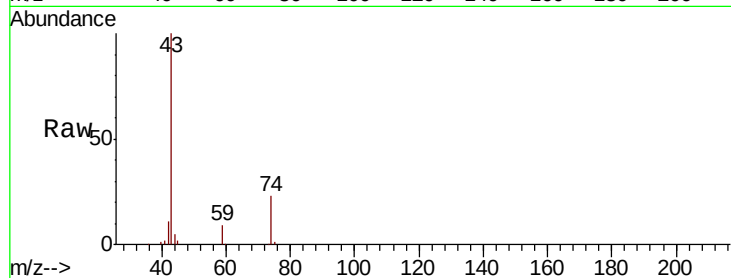




#15
Methyl Acetate
Concen: 27.044 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

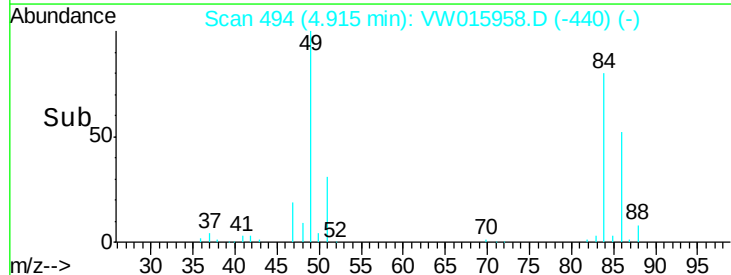
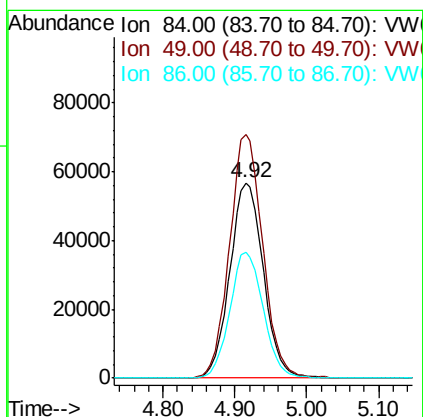
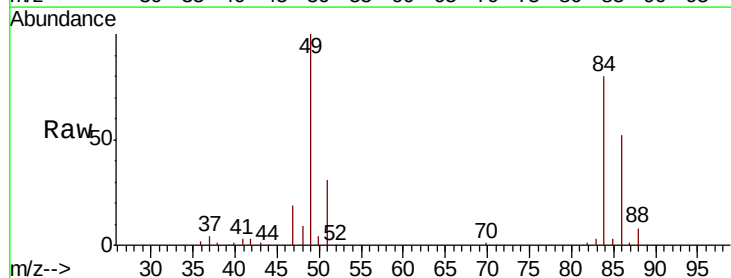
Instrument :
MSVOA_W
ClientSampled :

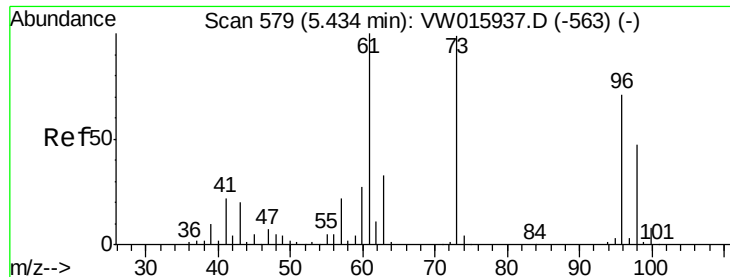
Tot Ion: 43 Resp: 69925
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.2



#16
Methylene chloride
Concen: 25.460 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion: 84 Resp: 183790
Ion Ratio Lower Upper
84 100
49 124.5 91.1 169.1
86 64.3 46.0 85.4

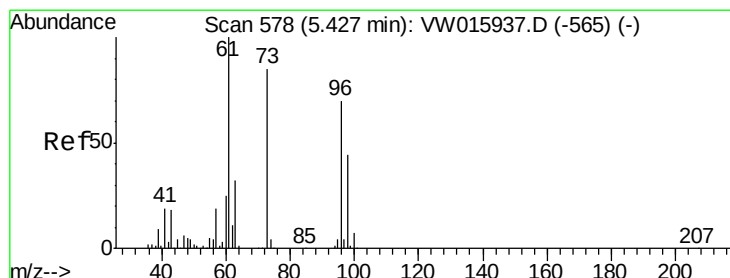
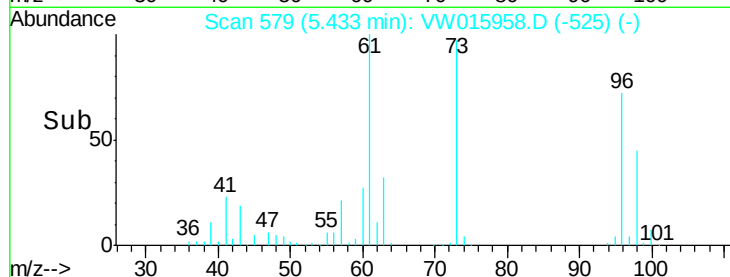
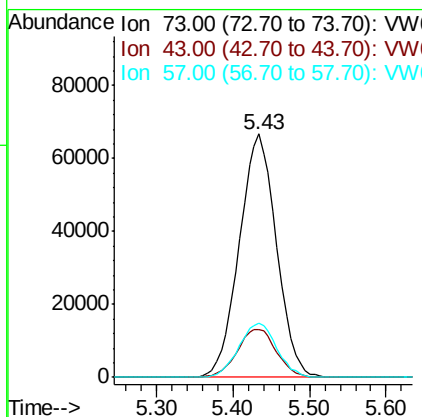
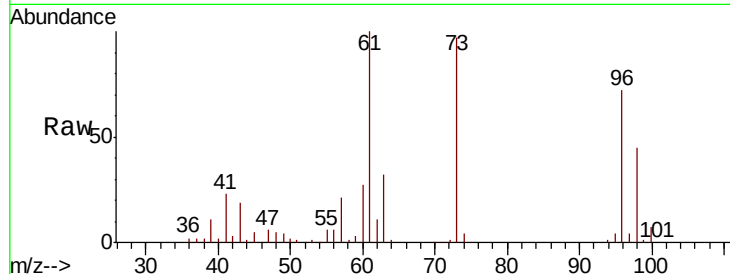




#17
Methyl tert-butyl Ether
Concen: 28.103 ug/L
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

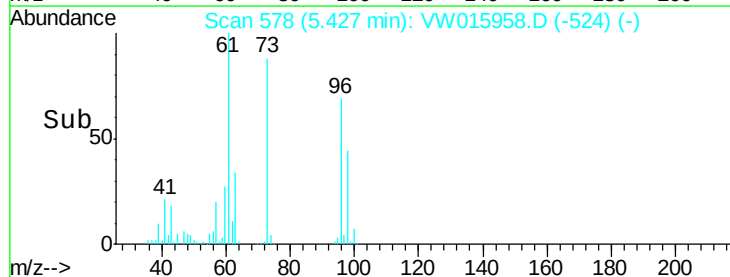
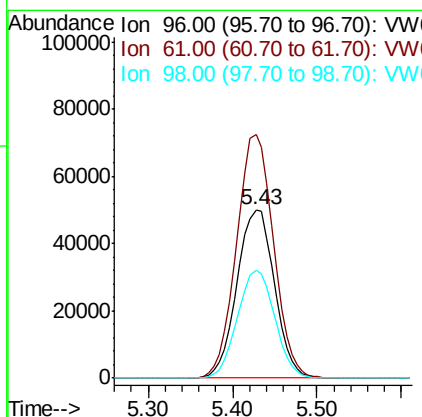
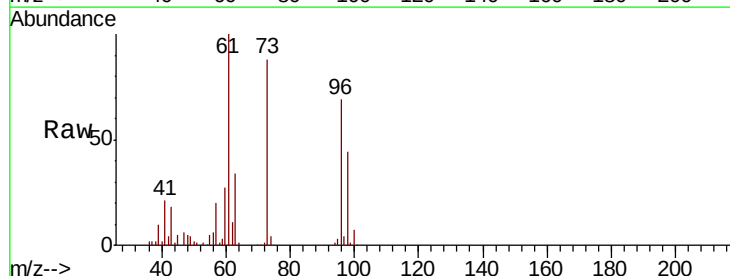
Instrument :
MSVOA_W
ClientSampled :

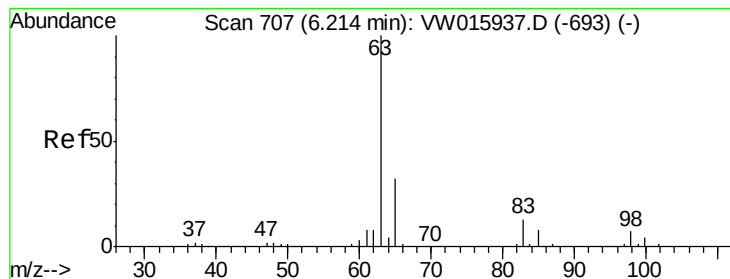
Tot Ion: 73 Resp: 225051
Ion Ratio Lower Upper
73 100
43 20.9 18.4 27.6
57 22.8 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 25.341 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion: 96 Resp: 151546
Ion Ratio Lower Upper
96 100
61 144.7 99.3 184.5
98 64.3 42.9 79.7





#19

1,1-Dichloroethane

Concen: 25.687 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampled :

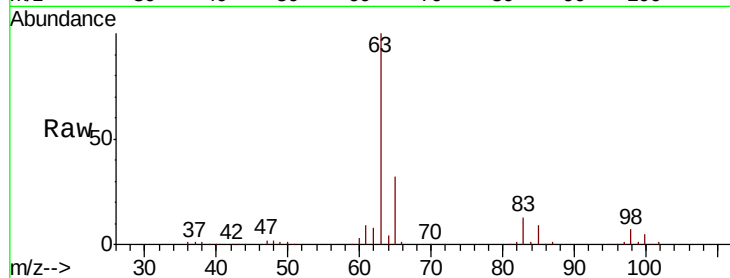
Tot Ion: 63 Resp: 283075

Ion Ratio Lower Upper

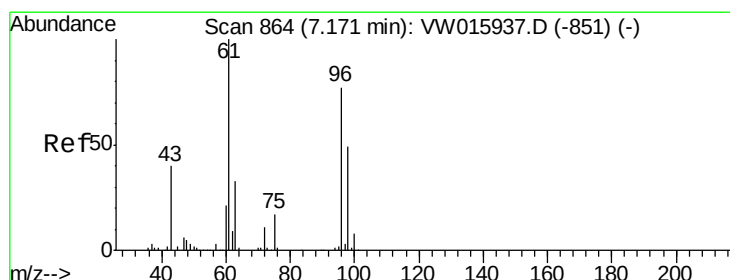
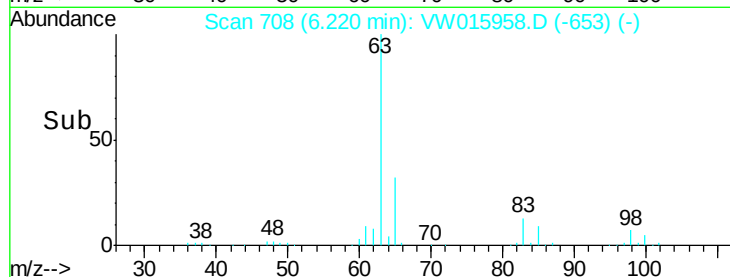
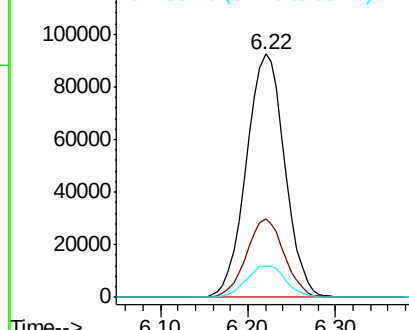
63 100

65 32.3 22.2 41.2

83 13.0 9.8 18.2



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



#21

2-Butanone

Concen: 57.138 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015958.D

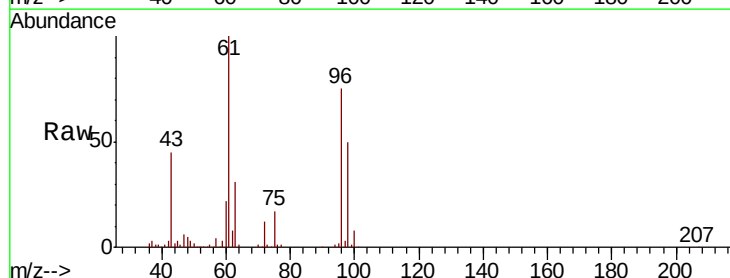
Acq: 24 Jul 2020 18:27

Tgt Ion: 43 Resp: 96890

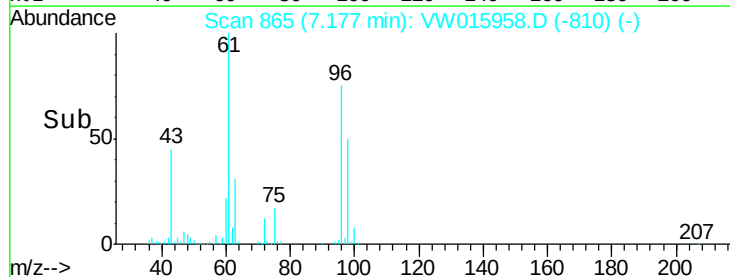
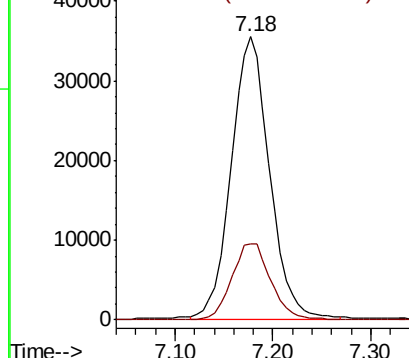
Ion Ratio Lower Upper

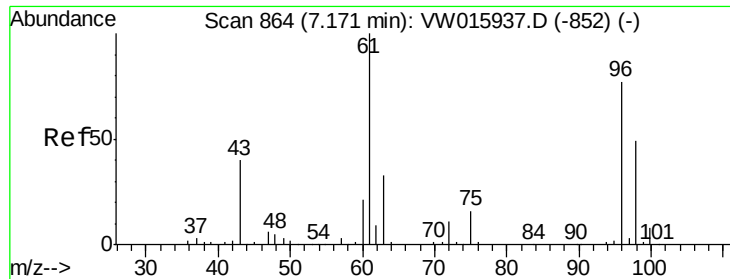
43 100

72 27.4 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



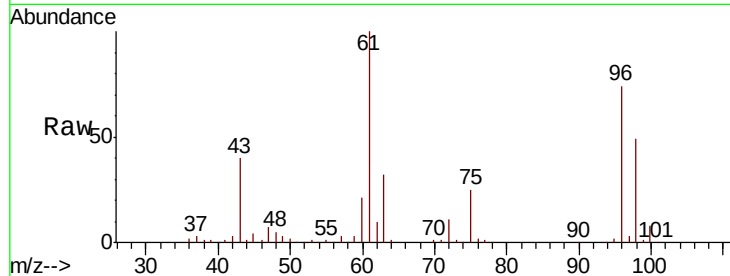


#22

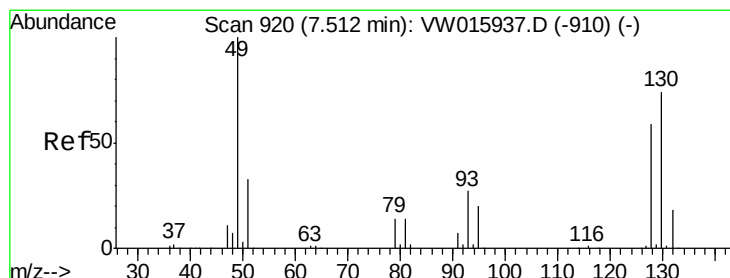
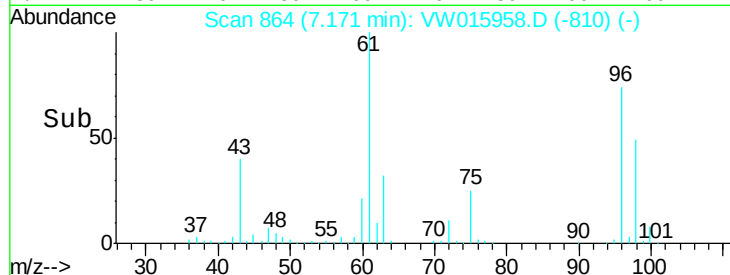
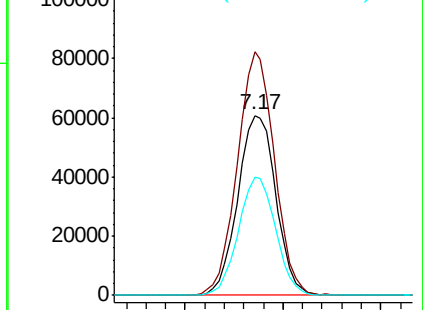
cis-1,2-Dichloroethene
 Concen: 26.313 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 96 Resp: 164631
 Ion Ratio Lower Upper
 96 100
 61 135.4 94.6 175.8
 98 65.8 44.3 82.3



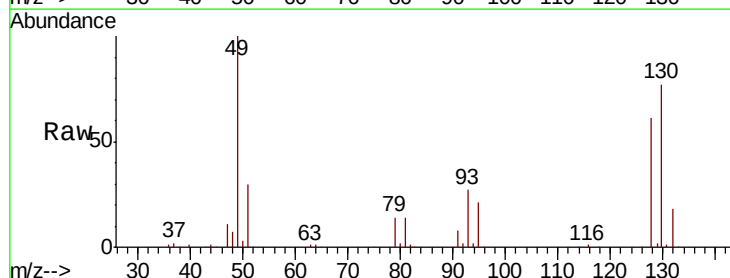
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



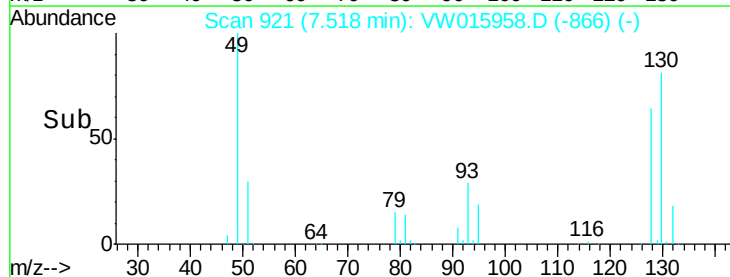
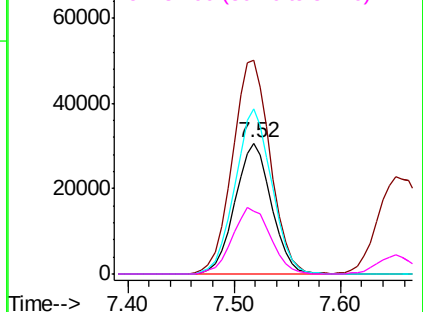
#23

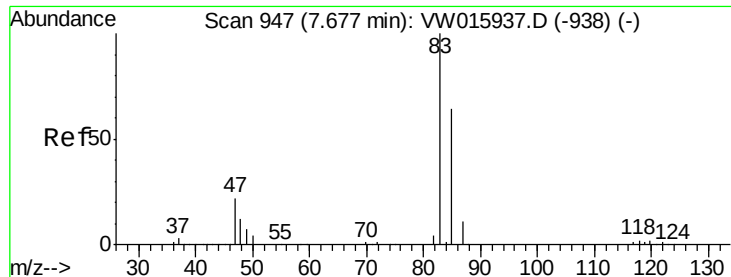
Bromochloromethane
 Concen: 26.814 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

Tgt Ion: 128 Resp: 73566
 Ion Ratio Lower Upper
 128 100
 49 163.4 122.4 227.2
 130 126.3 93.9 174.5
 51 48.4 43.2 64.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VW
 Ion 130.00 (129.70 to 130.70): V
 Ion 51.00 (50.70 to 51.70): VW

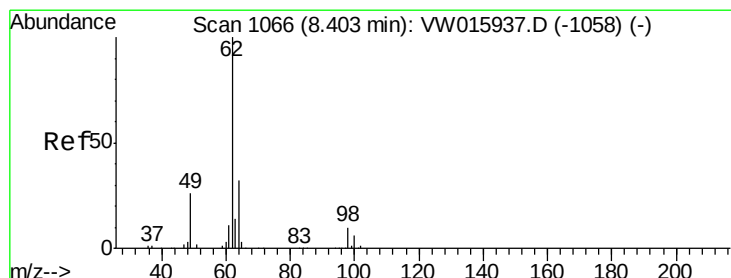
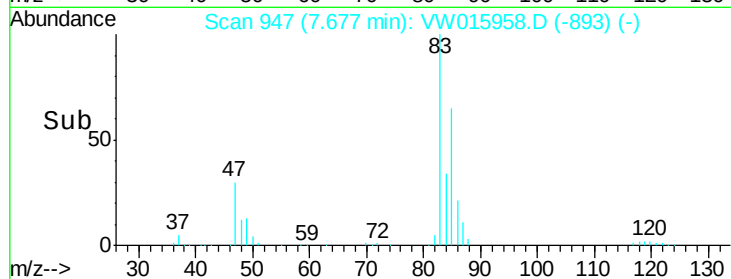
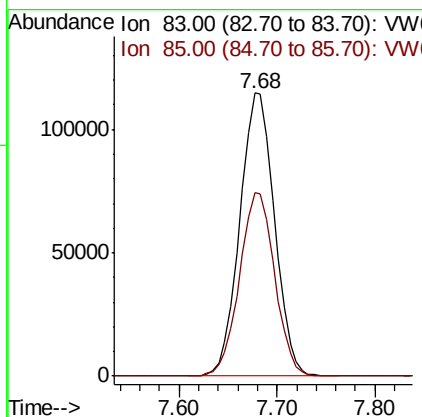
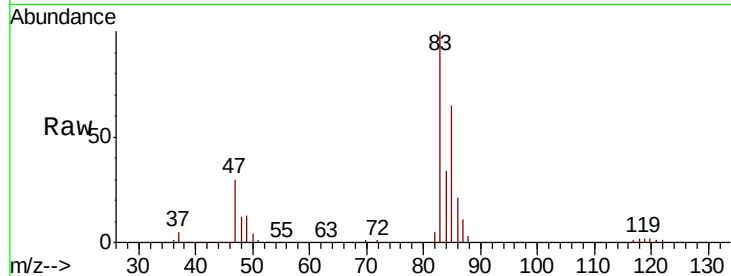




#25
Chloroform
Concen: 25.868 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

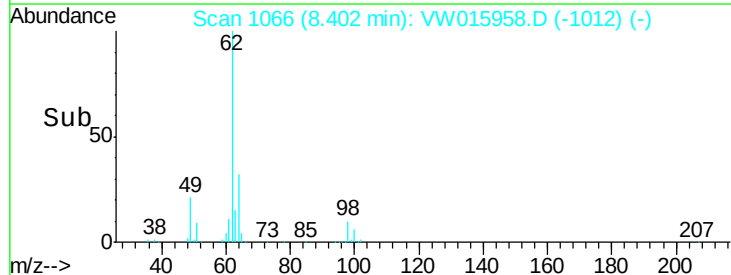
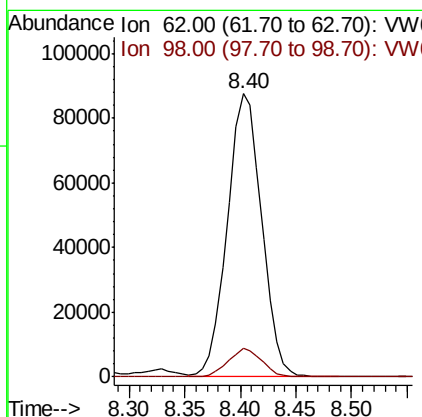
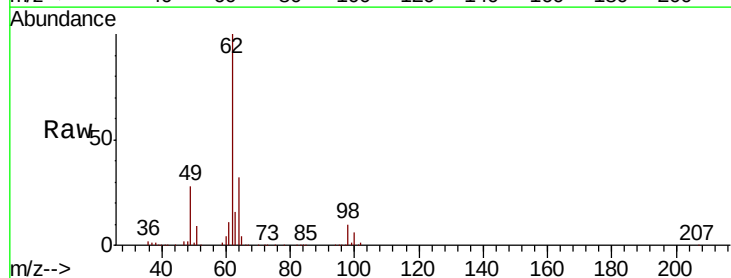
Instrument :
MSVOA_W
ClientSampleId :

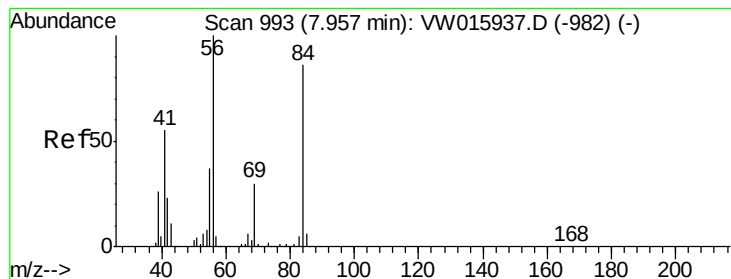
Tot Ion: 83 Resp: 282529
Ion Ratio Lower Upper
83 100
85 65.6 46.5 86.5



#27
1,2-Dichloroethane
Concen: 25.270 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion: 62 Resp: 187800
Ion Ratio Lower Upper
62 100
98 10.3 7.0 10.6





#30

Cyclohexane

Concen: 24.672 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampled :

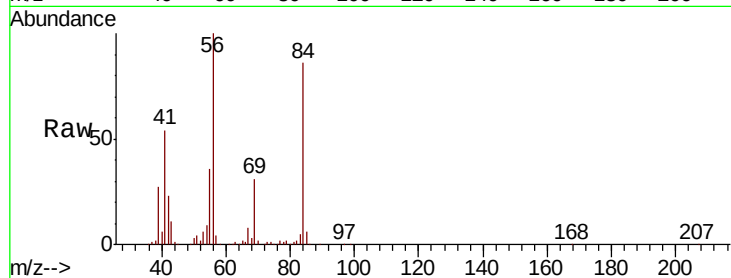
Tot Ion: 56 Resp: 253855

Ion Ratio Lower Upper

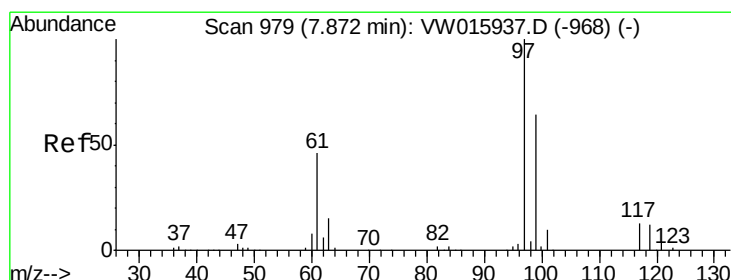
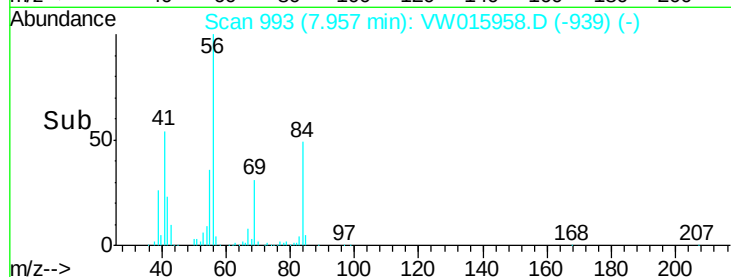
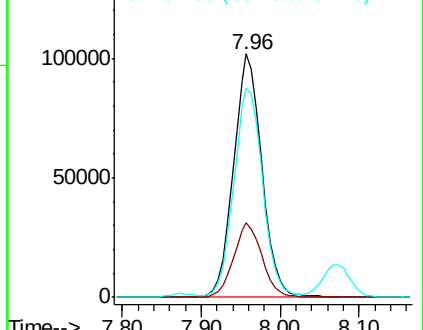
56 100

69 30.6 24.4 36.6

84 88.3 69.3 103.9



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: 24.597 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

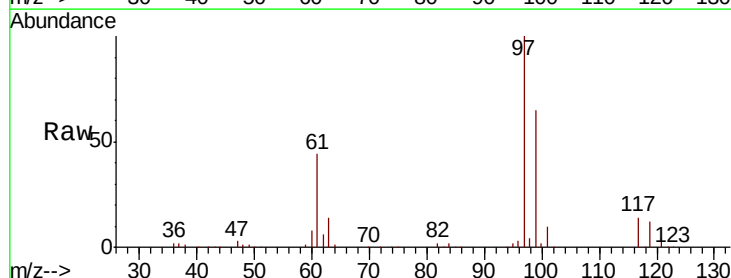
Tgt Ion: 97 Resp: 234366

Ion Ratio Lower Upper

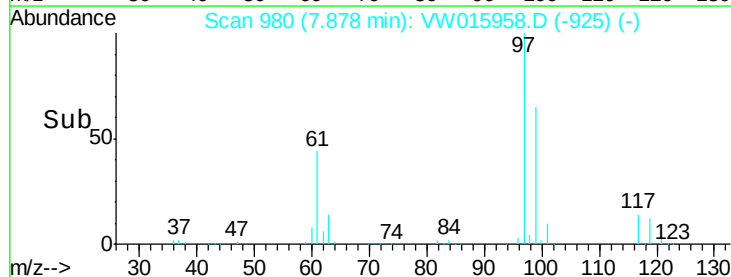
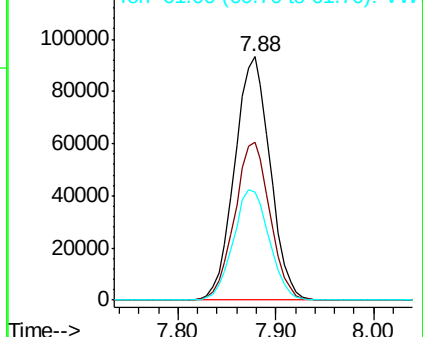
97 100

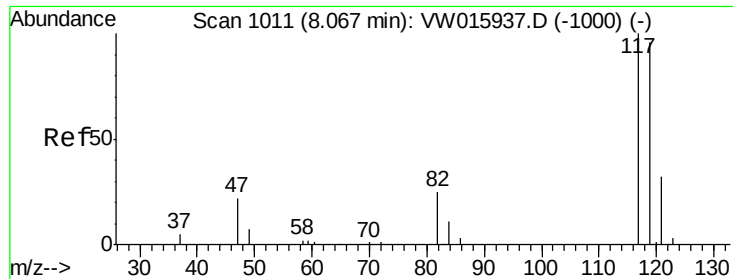
99 64.7 51.9 77.9

61 46.0 37.6 56.4



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: 24.200 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

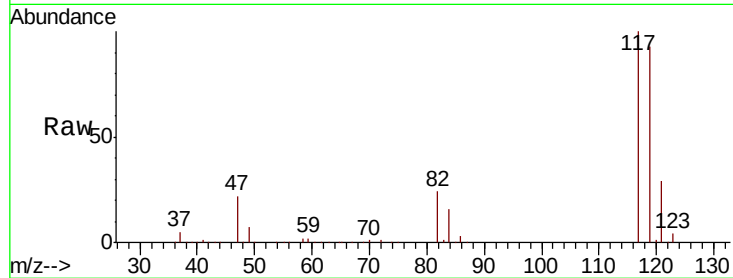
ClientSampleId :

Tot Ion:117 Resp: 209093

Ion Ratio Lower Upper

117 100

119 95.0 76.4 114.6

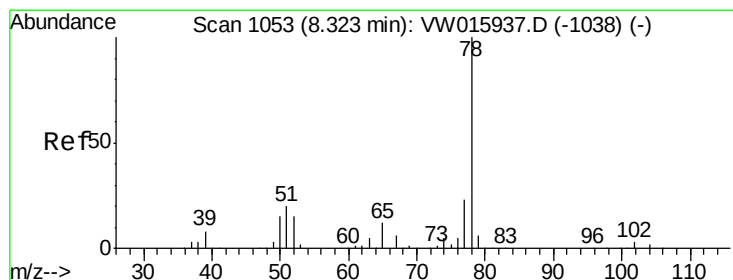
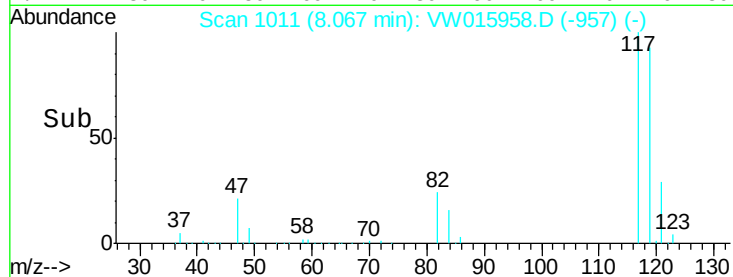


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

Time-->



#34

Benzene

Concen: 25.602 ug/L

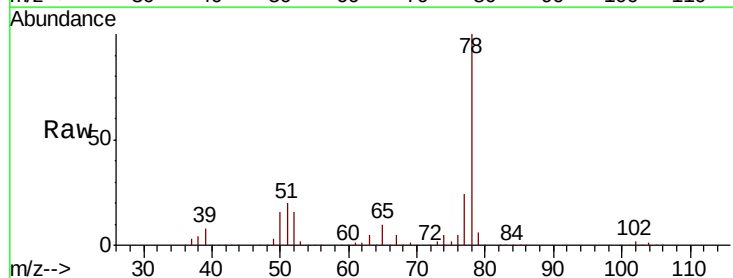
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

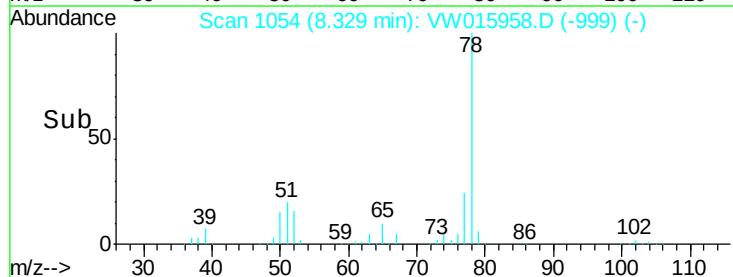
Tgt Ion: 78 Resp: 634518

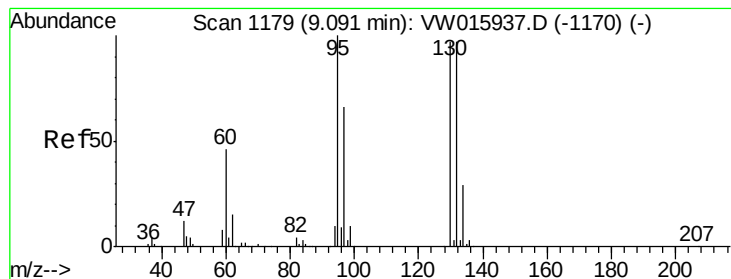


Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

Time-->





#35

Trichloroethene

Concen: 24.663 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 161691

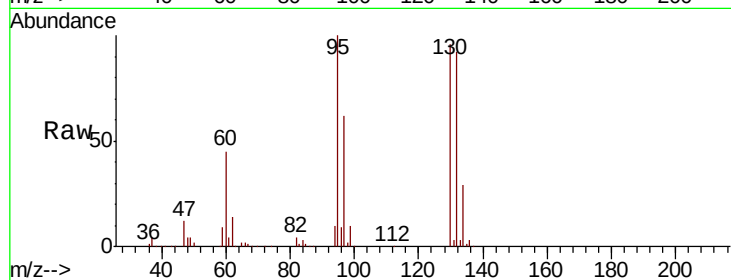
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.4

132 96.1 65.1 120.9

130 99.9 68.6 127.4

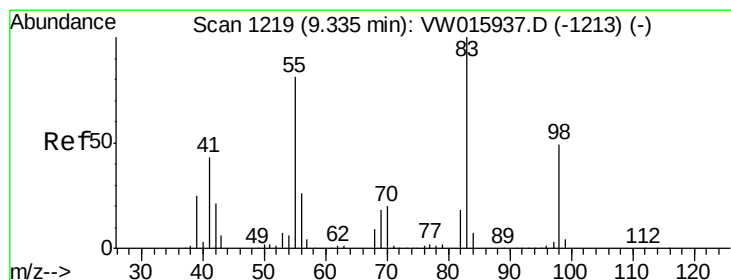
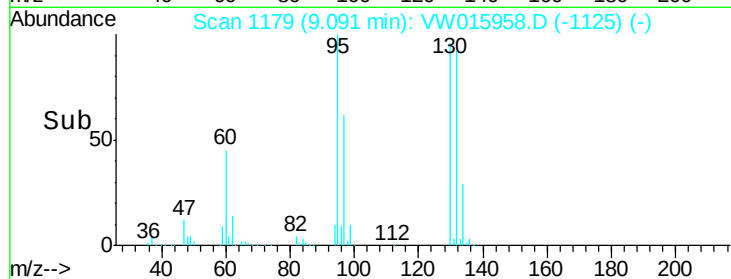
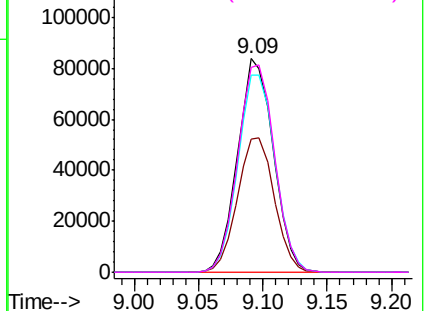


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 25.290 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

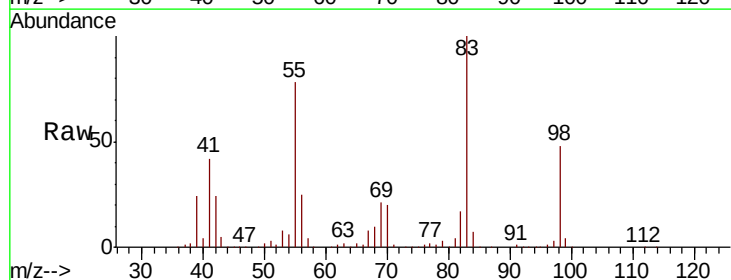
Tgt Ion: 83 Resp: 284497

Ion Ratio Lower Upper

83 100

55 77.9 63.5 95.3

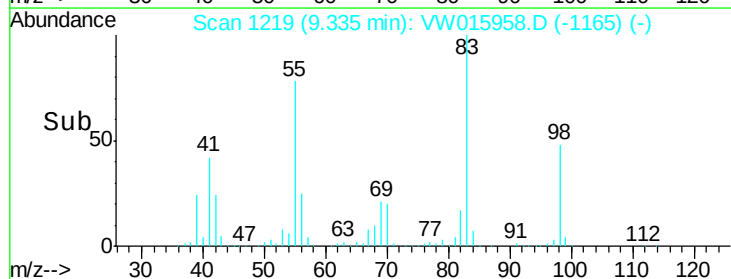
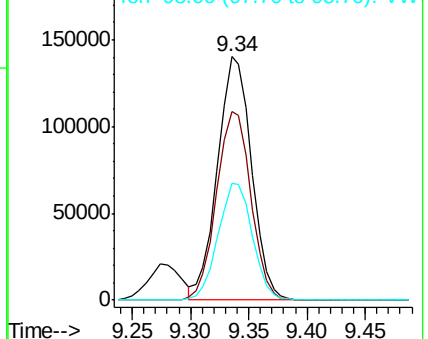
98 48.4 39.0 58.4

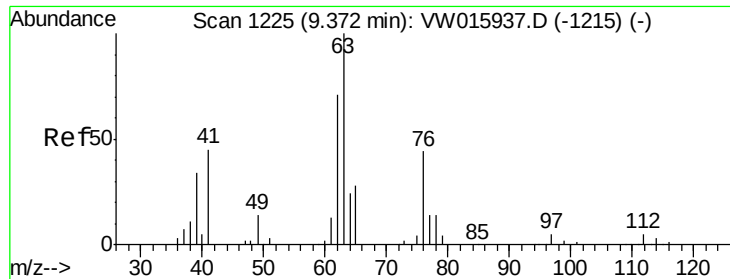


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 26.022 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

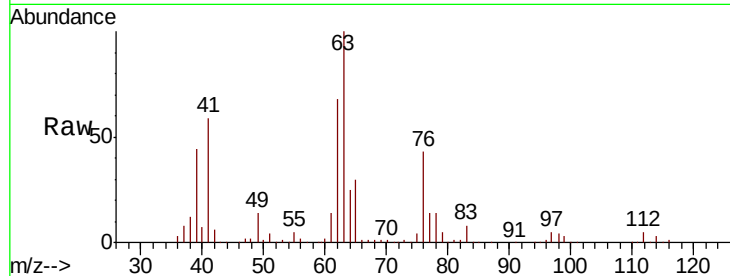
ClientSampled :

Tot Ion: 63 Resp: 159765

Ion Ratio Lower Upper

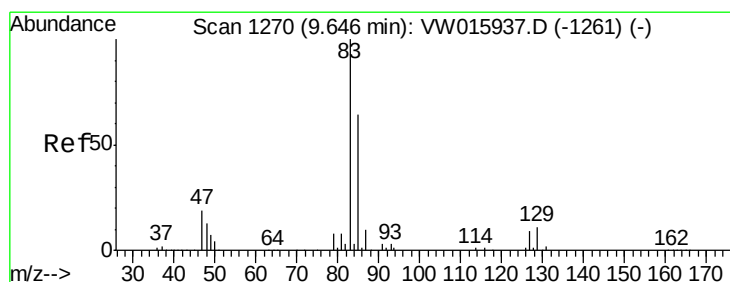
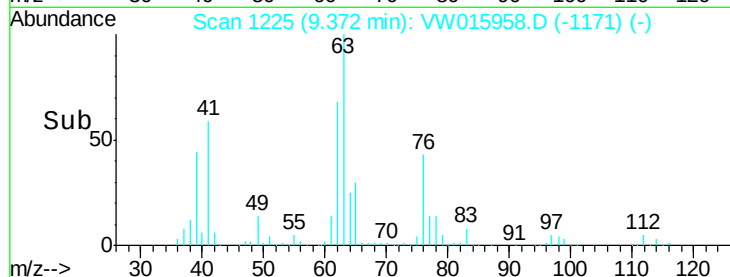
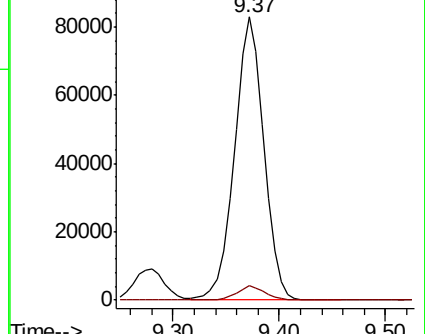
63 100

112 4.7 3.7 5.5



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 25.036 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

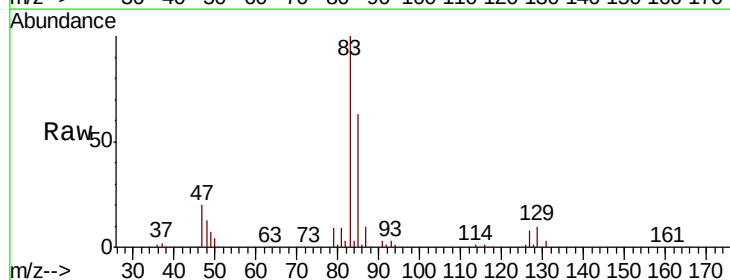
Tgt Ion: 83 Resp: 198512

Ion Ratio Lower Upper

83 100

85 63.4 43.7 81.1

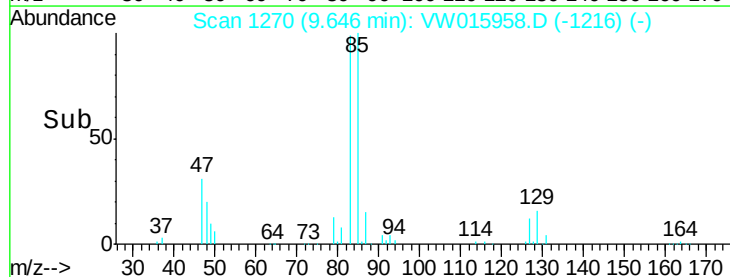
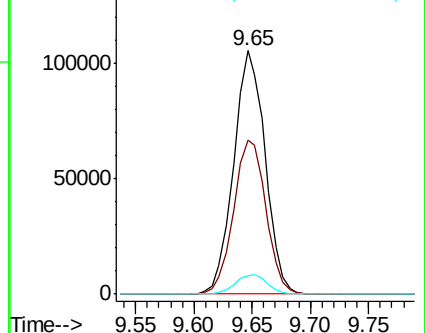
127 7.8 6.5 9.7

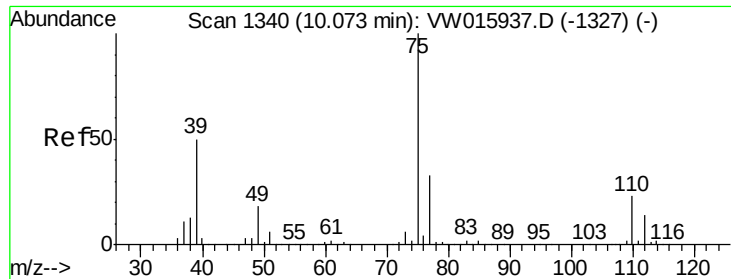


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

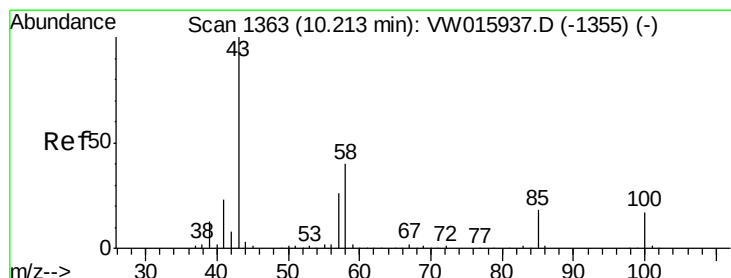
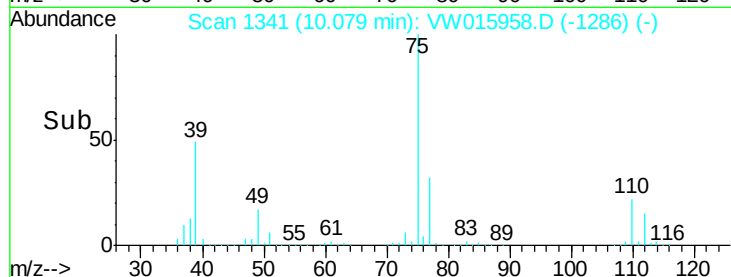
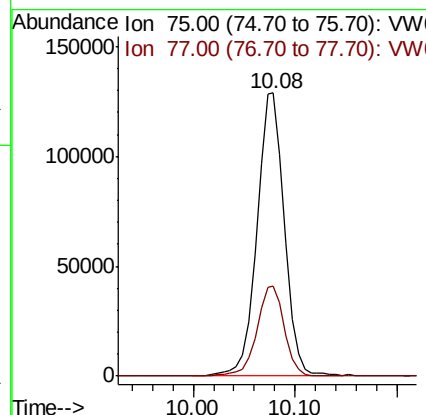
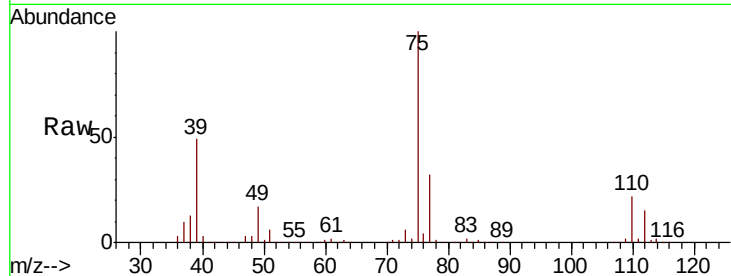




#42
 cis-1,3-Dichloropropene
 Concen: 25.833 ug/L
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

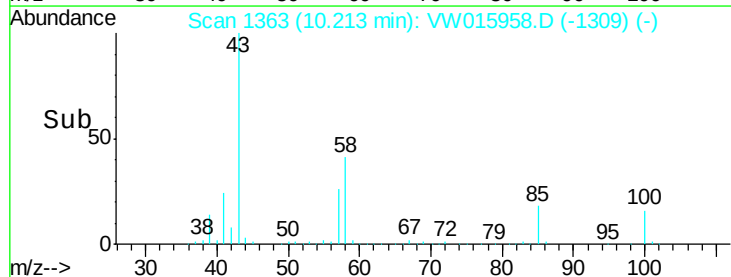
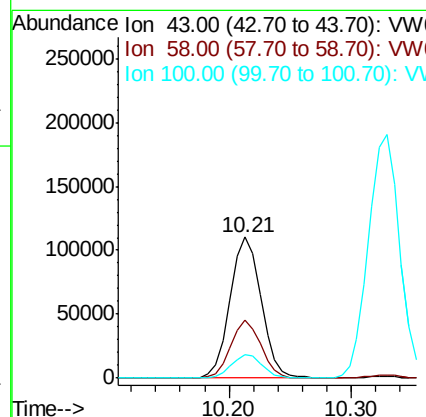
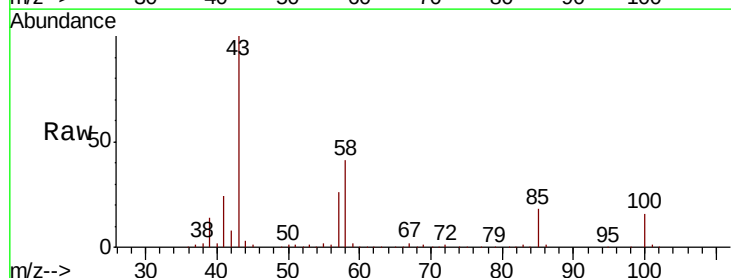
Instrument :
 MSVOA_W
 ClientSampled :

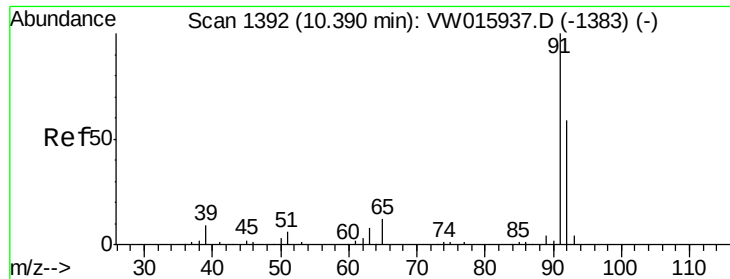
Tot Ion: 75 Resp: 241557
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.2 41.2



#43
 4-Methyl-2-pentanone
 Concen: 54.146 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

Tgt Ion: 43 Resp: 194042
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.0 46.4
 100 16.5 12.6 19.0





#44

Toluene

Concen: 25.917 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

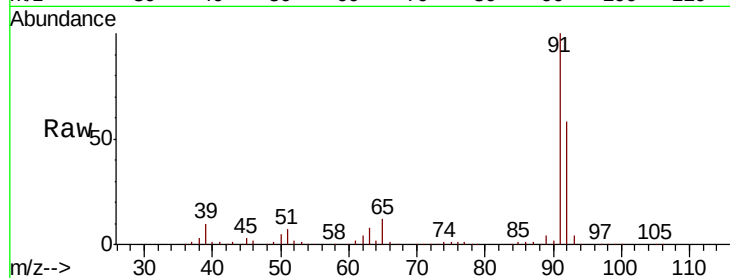
ClientSampleId :

Tot Ion: 91 Resp: 673668

Ion Ratio Lower Upper

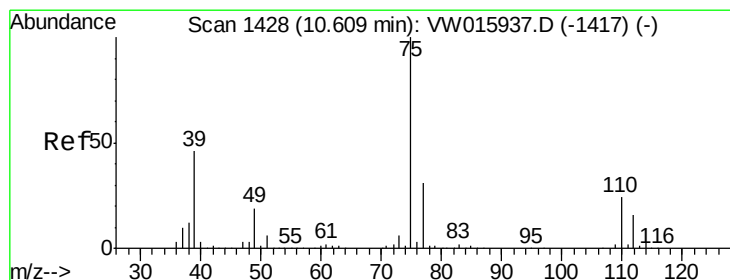
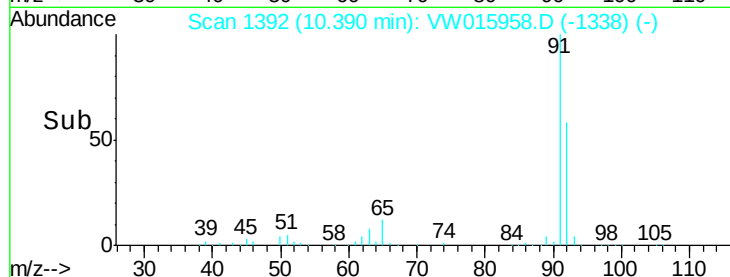
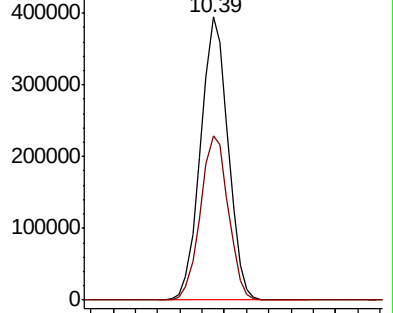
91 100

92 58.0 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#45

trans-1,3-Dichloropropene

Concen: 26.030 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015958.D

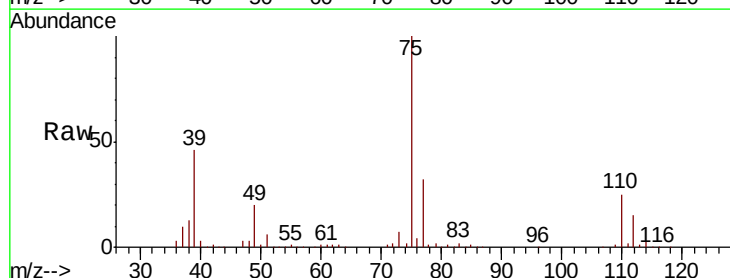
Acq: 24 Jul 2020 18:27

Tgt Ion: 75 Resp: 210978

Ion Ratio Lower Upper

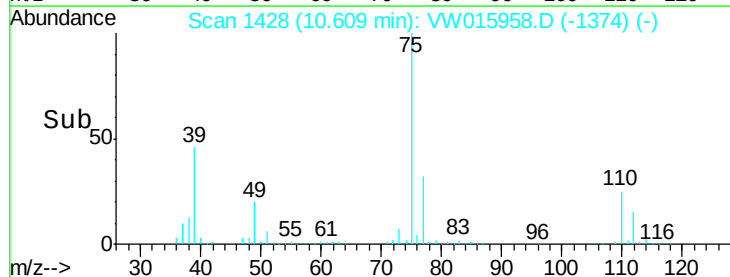
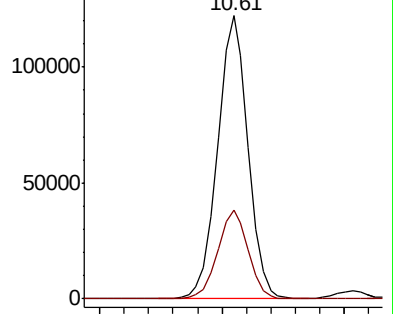
75 100

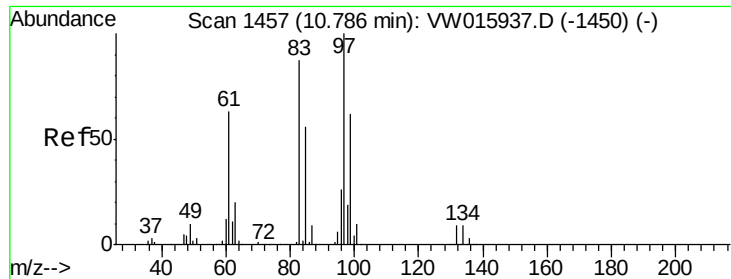
77 31.6 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#46

1,1,2-Trichloroethane

Concen: 26.608 ug/L

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 117476

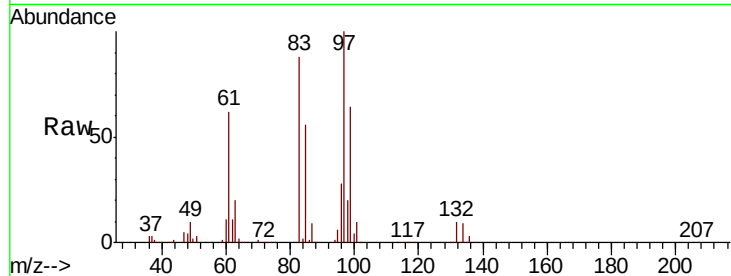
Ion	Ratio	Lower	Upper
97	100		
83	87.9	60.6	112.6
85	56.5	38.9	72.2
99	64.3	43.1	80.1

97 100

83 87.9 60.6 112.6

85 56.5 38.9 72.2

99 64.3 43.1 80.1



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

100000

80000

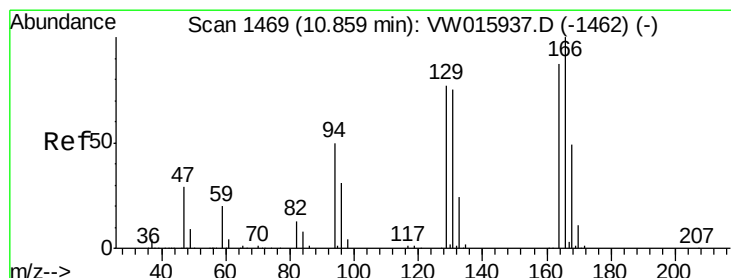
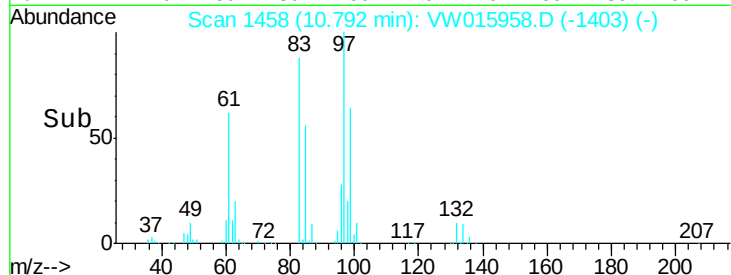
60000

40000

20000

0

Time--> 10.70 10.75 10.80 10.85



#47

Tetrachloroethene

Concen: 24.653 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Tgt Ion: 164 Resp: 125456

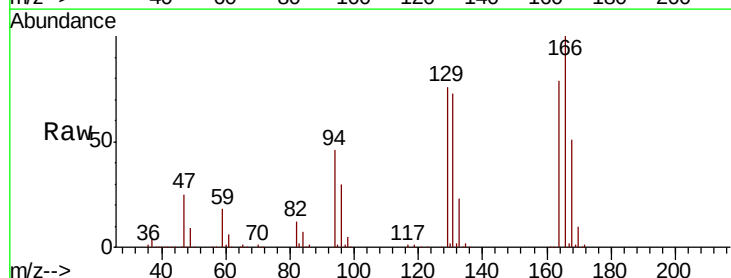
Ion	Ratio	Lower	Upper
164	100		
129	96.7	70.0	130.0
131	92.9	67.3	124.9
166	127.2	88.5	164.3

164 100

129 96.7 70.0 130.0

131 92.9 67.3 124.9

166 127.2 88.5 164.3



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

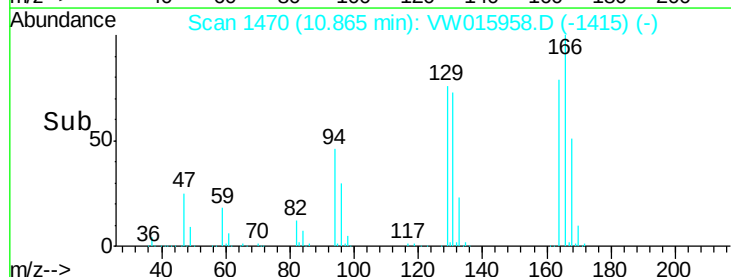
Ion 166.00 (165.70 to 166.70): V

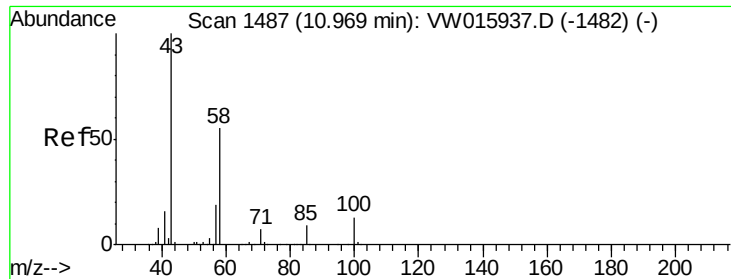
100000

50000

0

Time--> 10.80 10.85 10.90

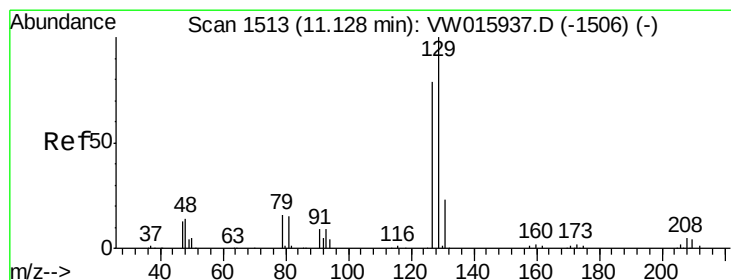
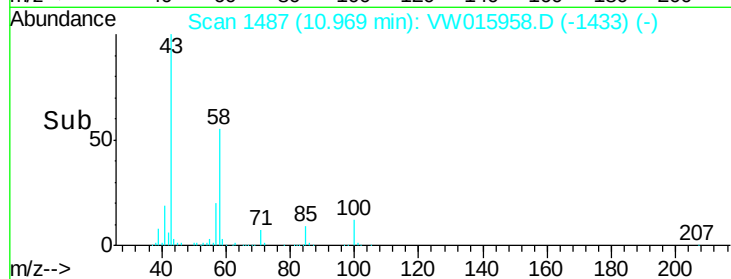
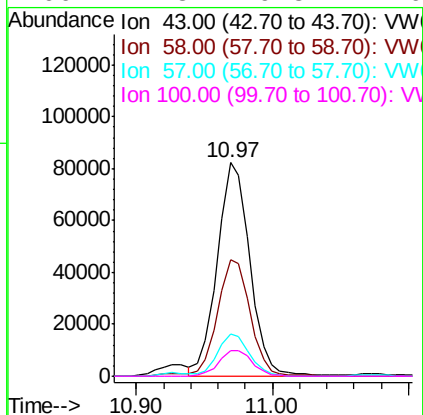
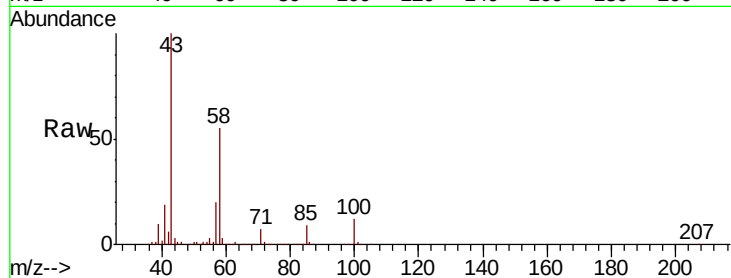




#49
2-Hexanone
Concen: 54.117 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

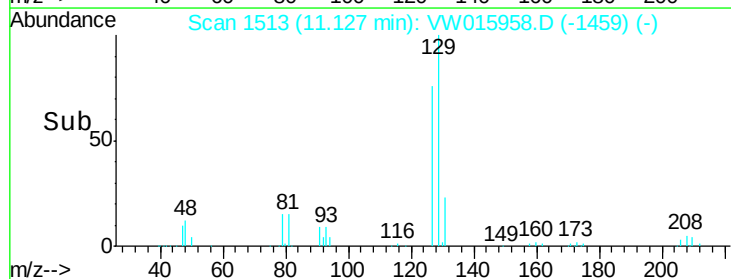
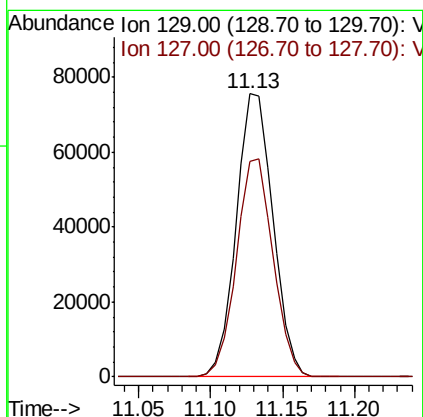
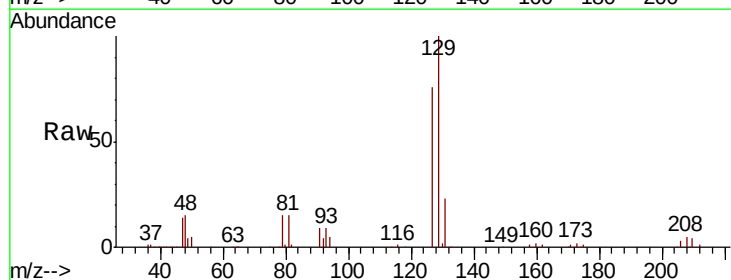
Instrument :
MSVOA_W
ClientSampleId :

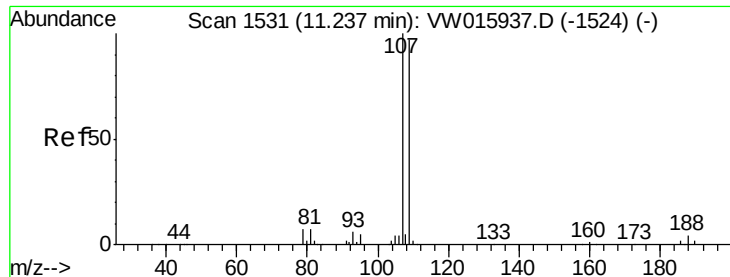
Tot Ion: 43 Resp: 137625
Ion Ratio Lower Upper
43 100
58 54.9 42.4 63.6
57 19.3 15.6 23.4
100 12.3 9.8 14.6



#50
Dibromochloromethane
Concen: 26.198 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion: 129 Resp: 133913
Ion Ratio Lower Upper
129 100
127 76.3 53.8 100.0

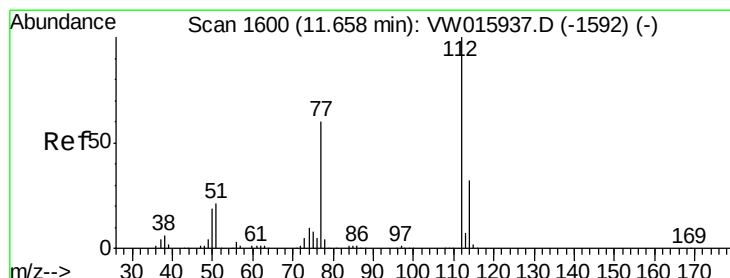
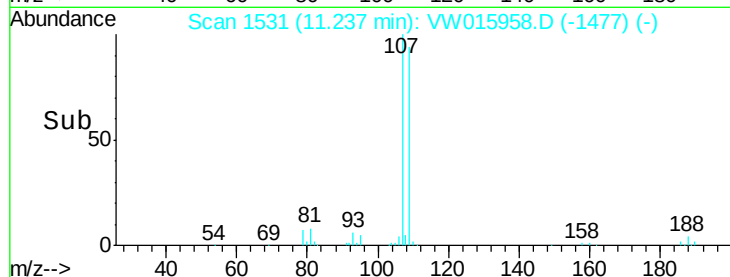
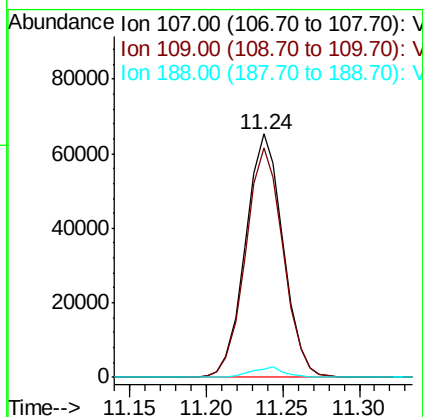
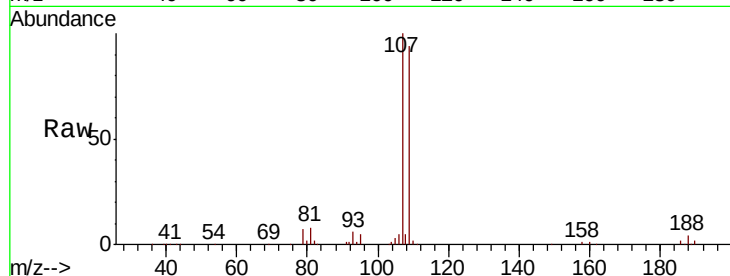




#51
1,2-Dibromoethane
Concen: 26.424 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

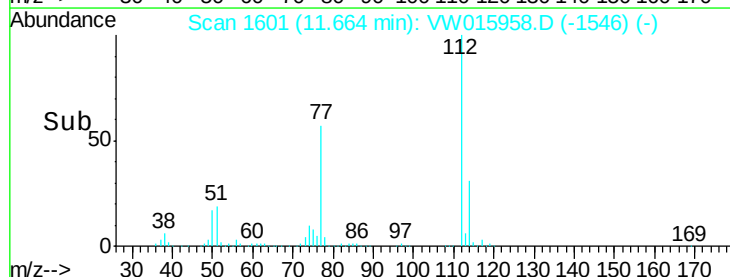
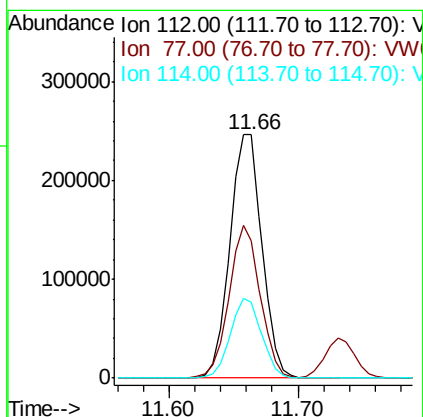
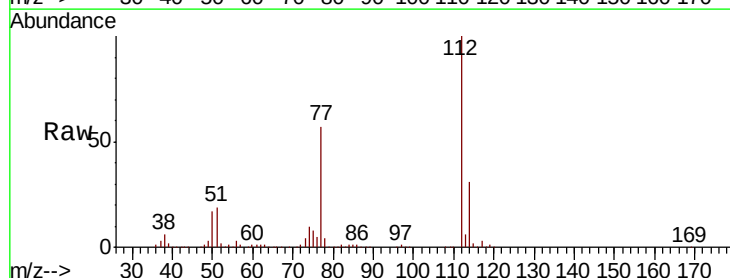
Instrument :
MSVOA_W
ClientSampleId :

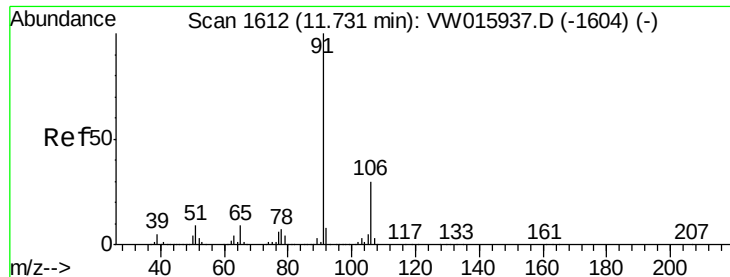
Tot Ion:107 Resp: 111604
Ion Ratio Lower Upper
107 100
109 94.3 66.9 124.3
188 3.6 3.2 4.8



#52
Chlorobenzene
Concen: 25.598 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion:112 Resp: 426363
Ion Ratio Lower Upper
112 100
77 56.5 47.8 71.6
114 31.3 22.1 41.1

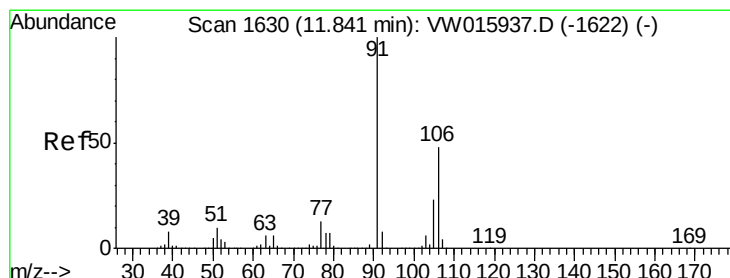
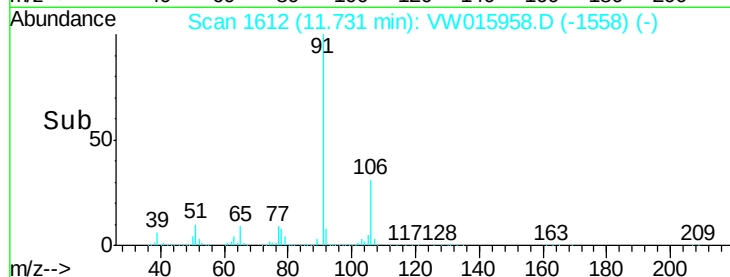
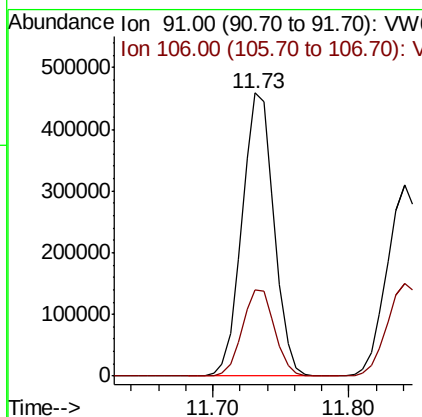
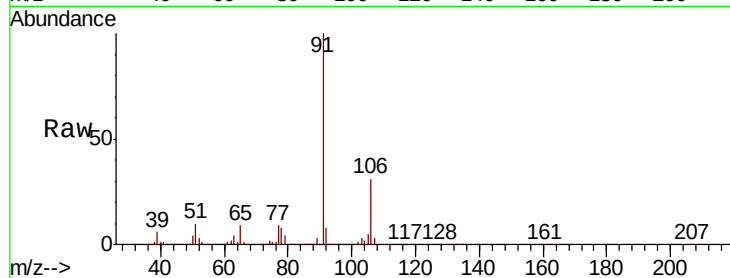




#53
Ethylbenzene
Concen: 25.738 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

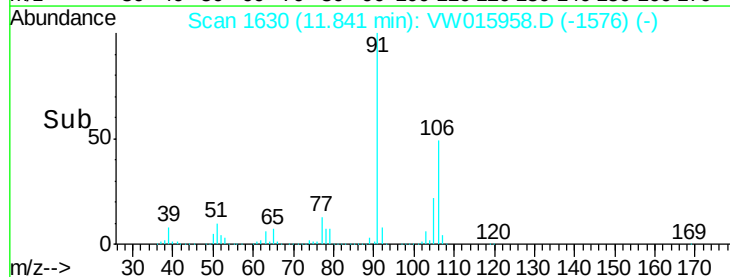
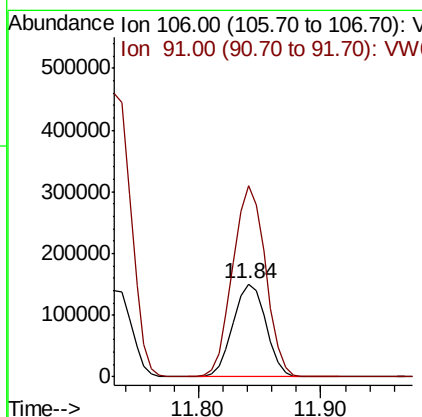
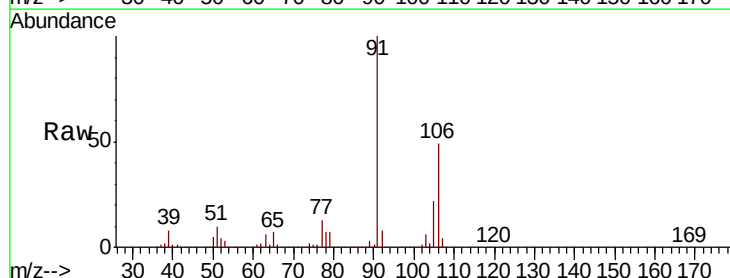
Instrument :
MSVOA_W
ClientSampleId :

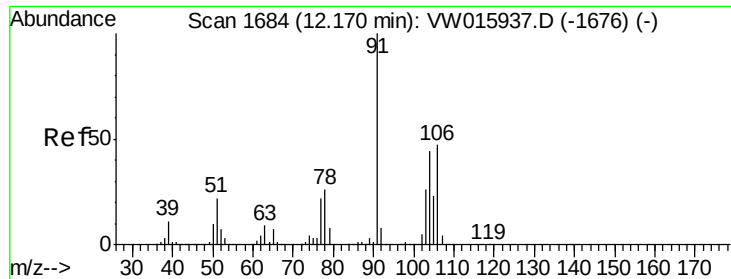
Tot Ion: 91 Resp: 752297
Ion Ratio Lower Upper
91 100
106 30.5 22.4 41.6



#54
m,p-Xylene
Concen: 25.856 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion: 106 Resp: 282747
Ion Ratio Lower Upper
106 100
91 205.8 144.1 267.5

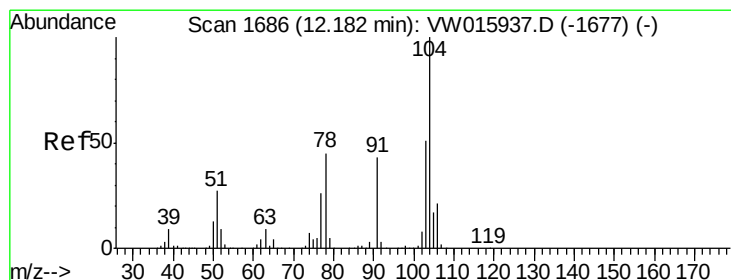
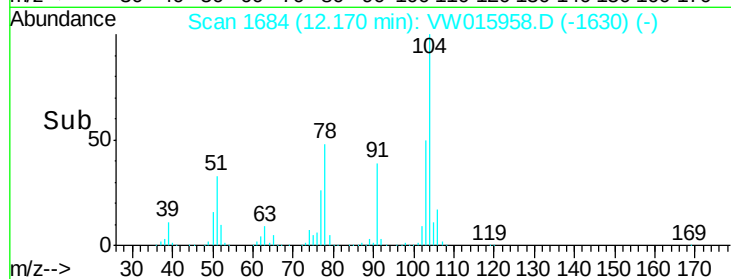
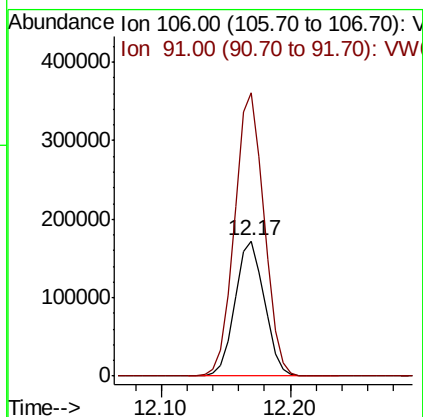
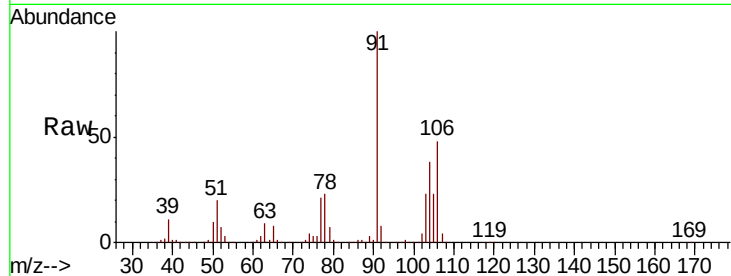




#55
o-xylene
Concen: 26.351 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

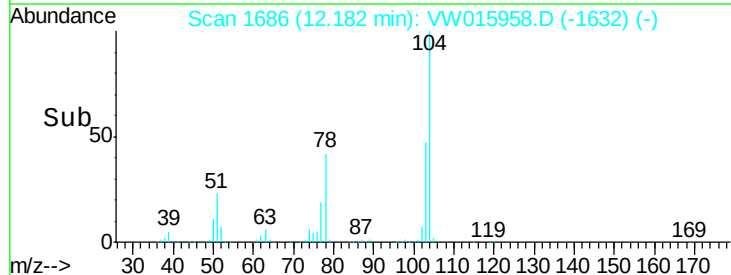
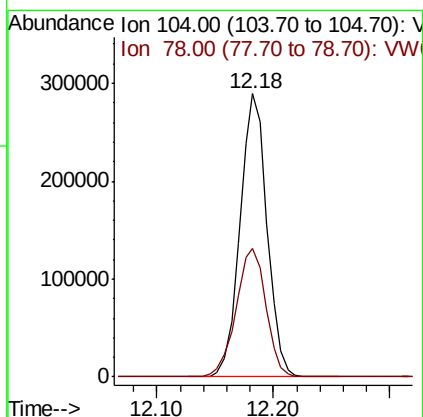
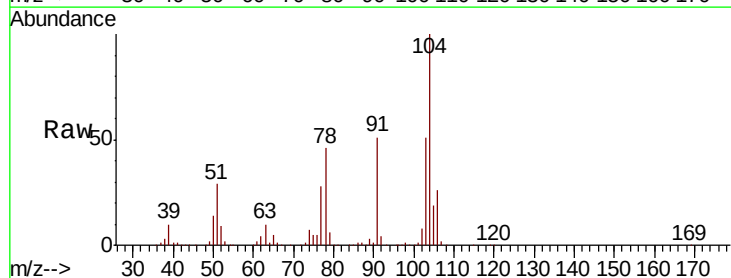
Instrument :
MSVOA_W
ClientSampled :

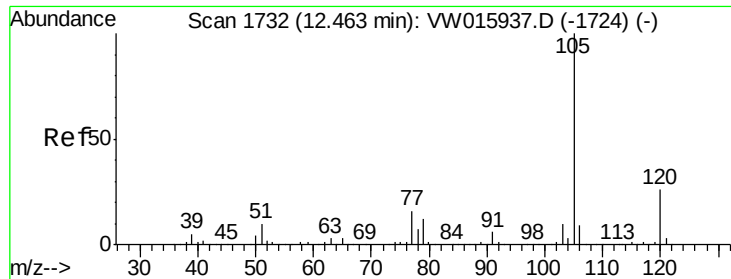
Tot Ion:106 Resp: 271348
Ion Ratio Lower Upper
106 100
91 209.4 146.8 272.6



#56
Styrene
Concen: 26.709 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015958.D
Acq: 24 Jul 2020 18:27

Tgt Ion:104 Resp: 467720
Ion Ratio Lower Upper
104 100
78 45.5 32.0 59.4





#57

Isopropylbenzene

Concen: 26.417 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampled :

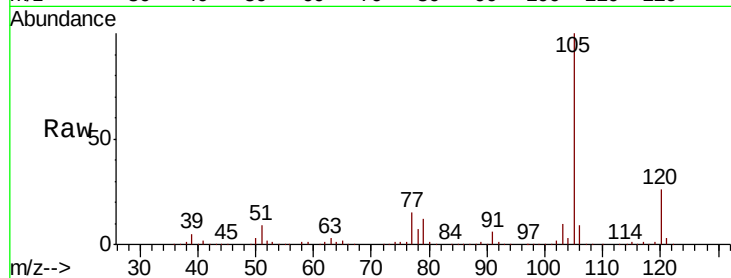
Tot Ion:105 Resp: 740500

Ion Ratio Lower Upper

105 100

120 25.9 20.4 30.6

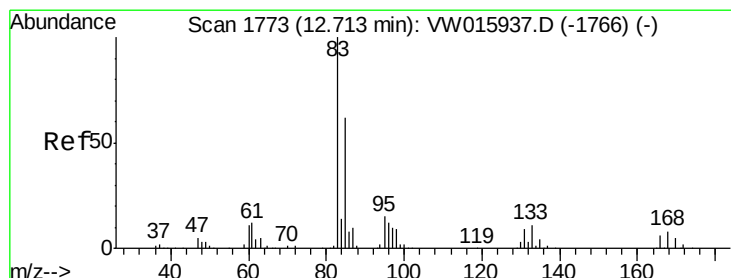
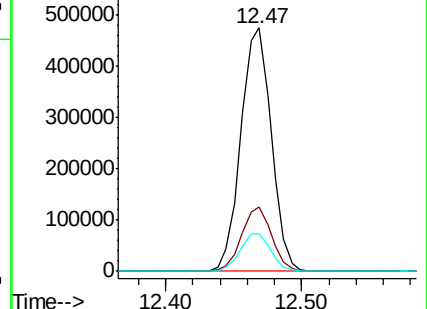
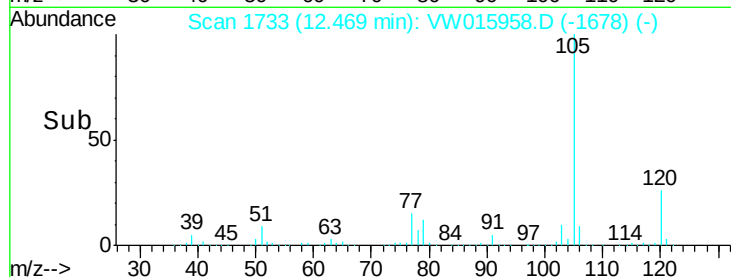
77 15.6 12.9 19.3



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: 27.715 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

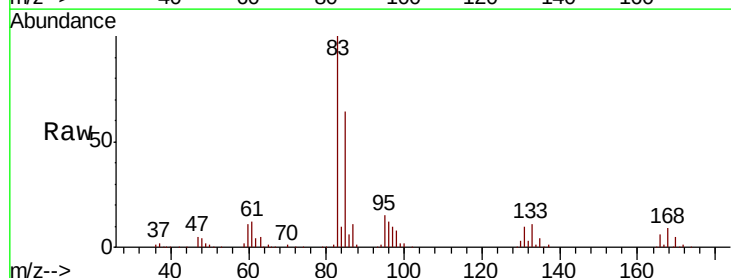
Tgt Ion: 83 Resp: 143685

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

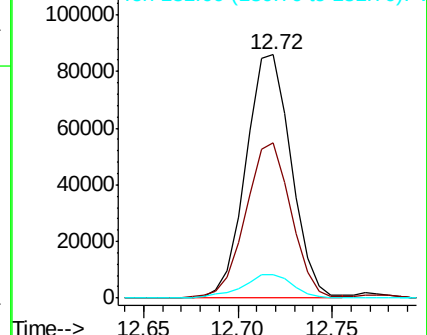
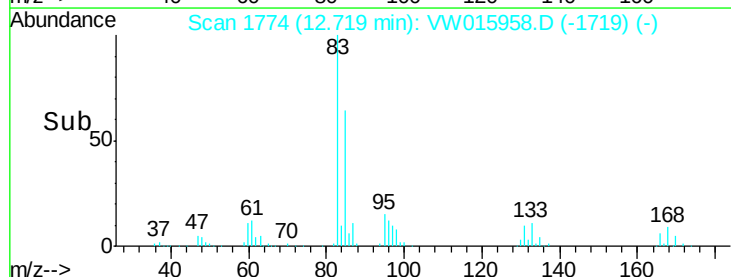
131 9.7 8.2 12.4

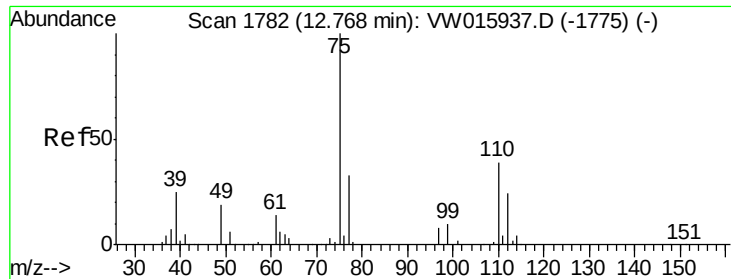


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 26.741 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

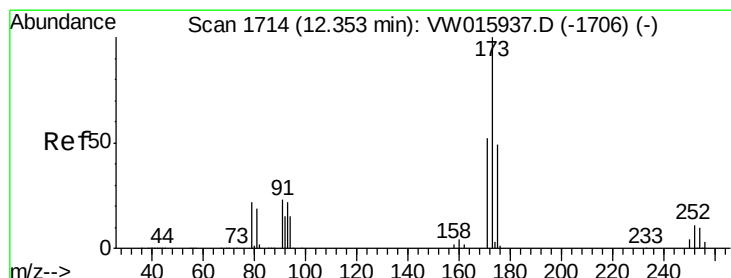
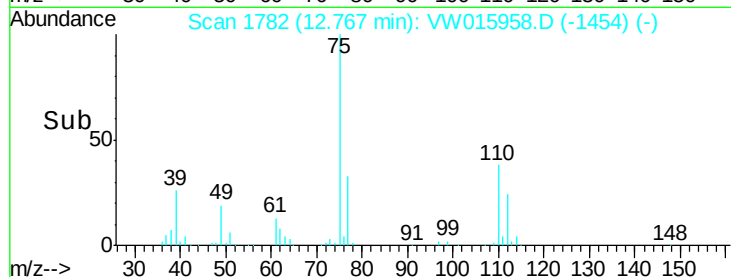
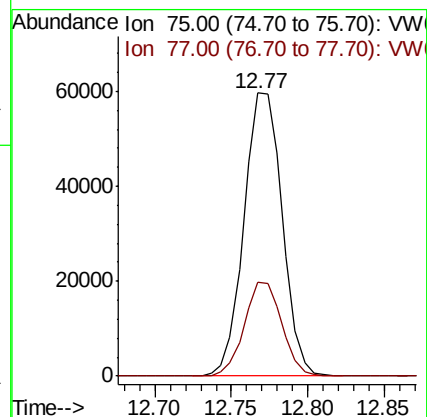
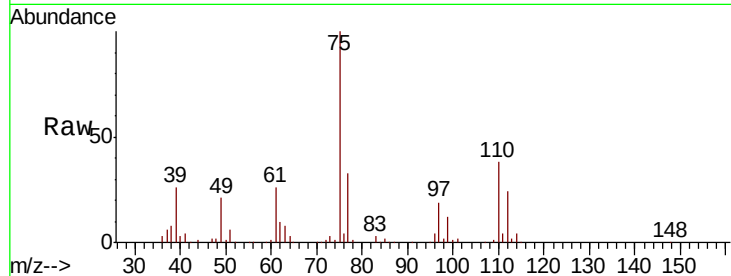
ClientSampleId :

Tot Ion: 75 Resp: 103875

Ion Ratio Lower Upper

75 100

77 32.4 26.0 39.0



#62

Bromoform

Concen: 25.362 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

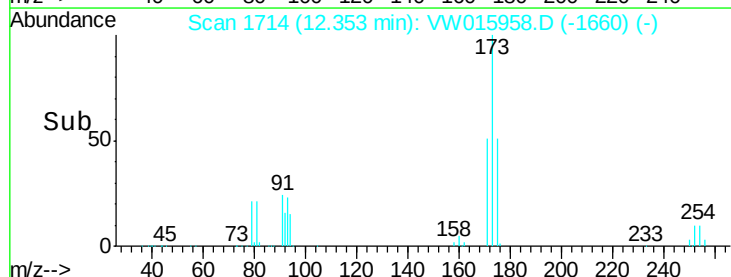
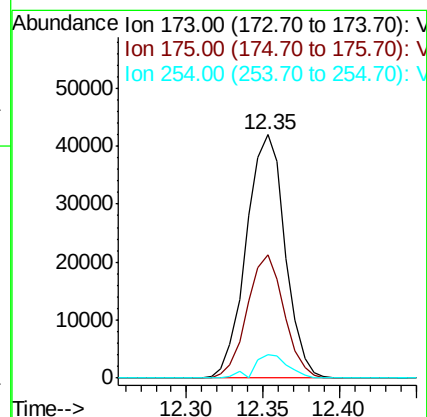
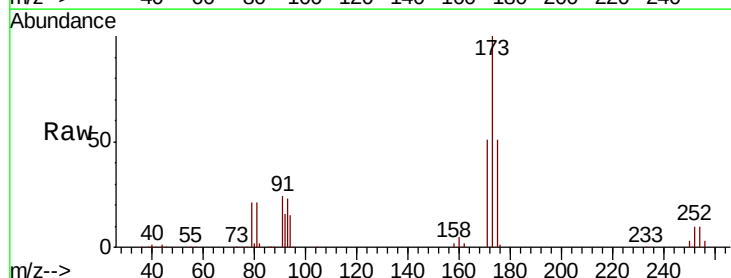
Tgt Ion:173 Resp: 73854

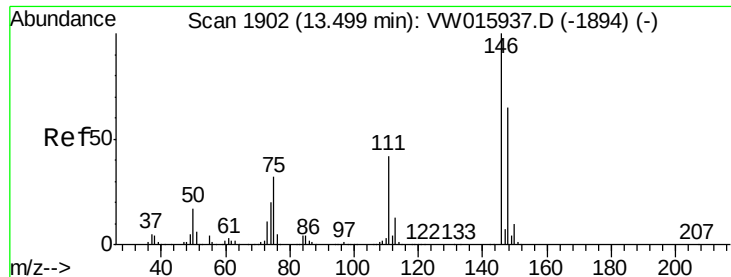
Ion Ratio Lower Upper

173 100

175 48.1 38.7 58.1

254 7.4 7.9 11.9#





#63

1,3-Dichlorobenzene

Concen: 24.818 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampled :

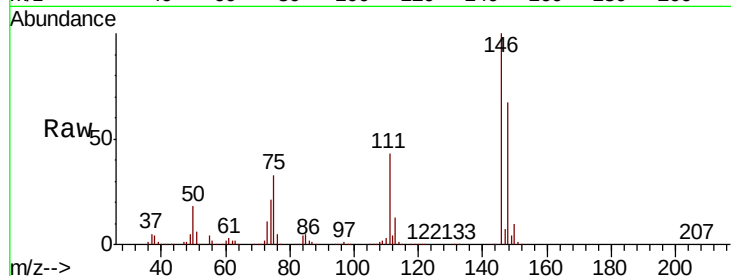
Tot Ion:146 Resp: 314422

Ion Ratio Lower Upper

146 100

111 43.1 27.9 51.7

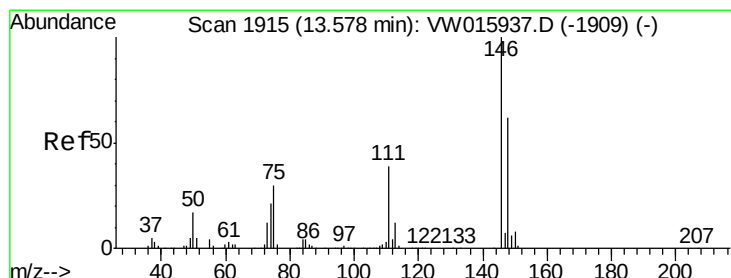
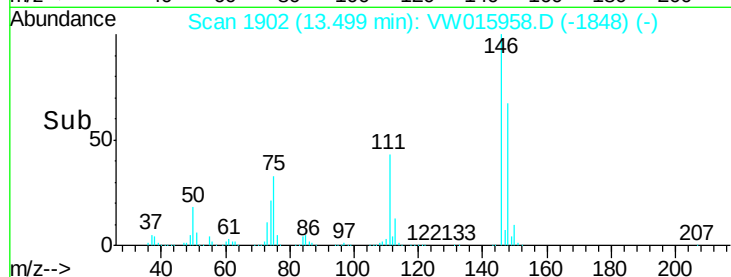
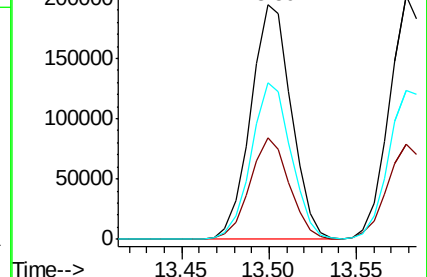
148 67.0 43.2 80.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 24.698 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

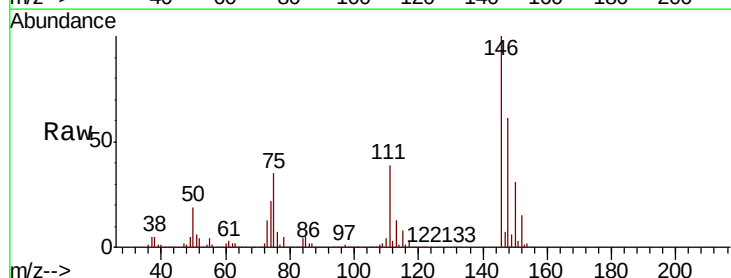
Tgt Ion:146 Resp: 317564

Ion Ratio Lower Upper

146 100

111 39.3 29.3 54.3

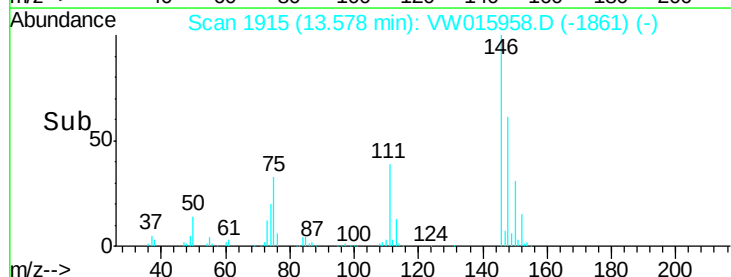
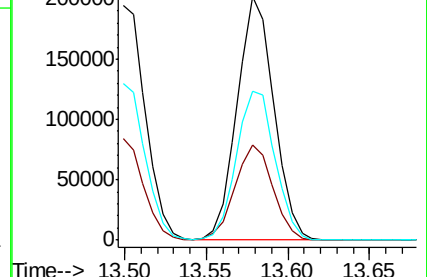
148 61.0 44.5 82.7

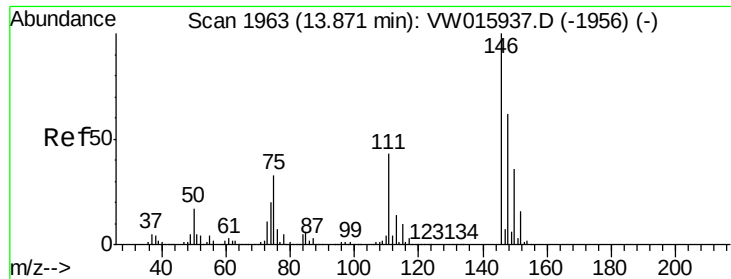


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

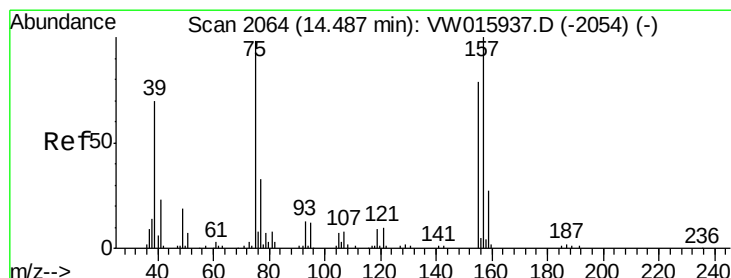
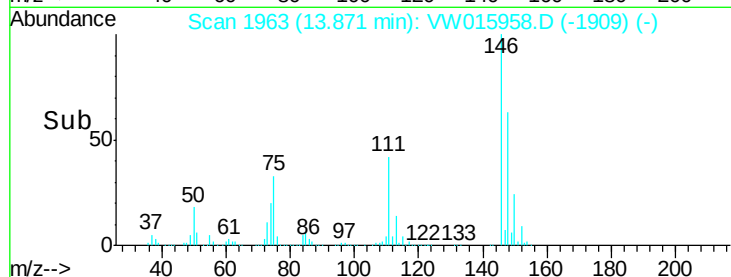
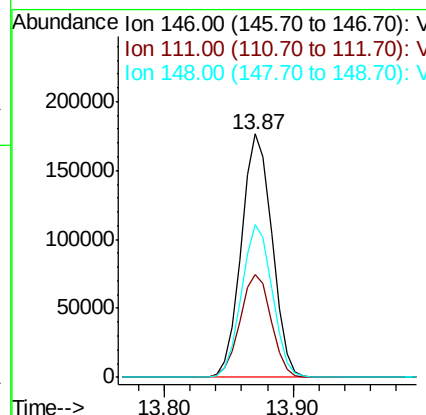
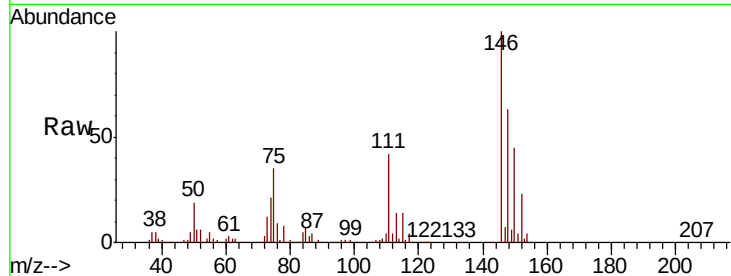




#65
 1,2-Dichlorobenzene
 Concen: 25.295 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

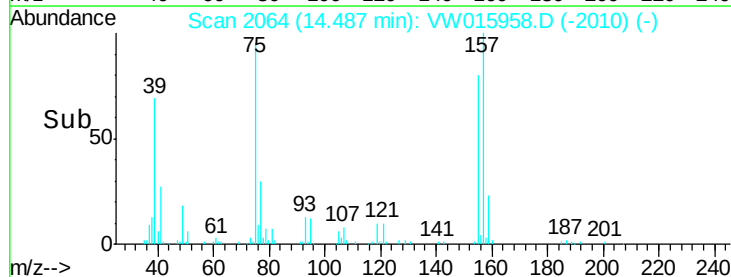
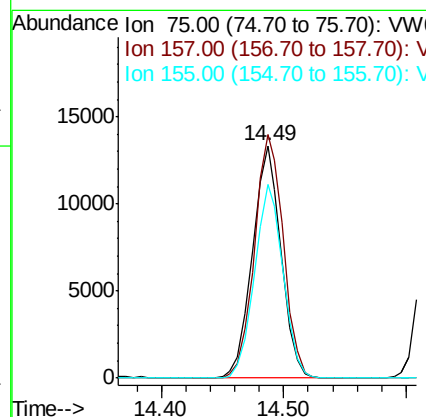
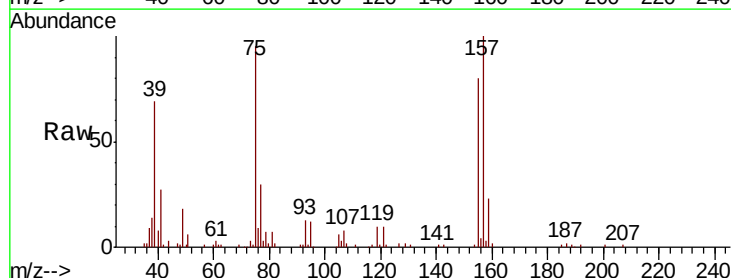
Instrument :
 MSVOA_W
 ClientSampleId :

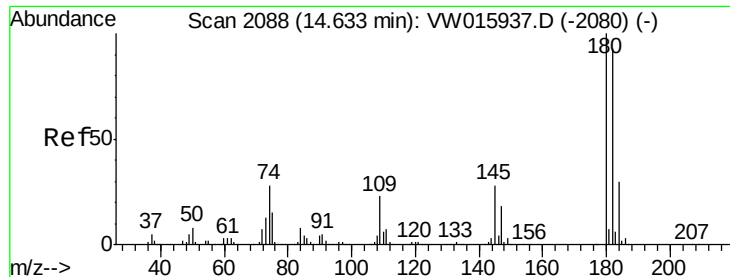
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	32.9	49.3
148	62.8	48.8	73.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 24.998 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
157	104.8	83.0	124.4
155	83.3	66.9	100.3

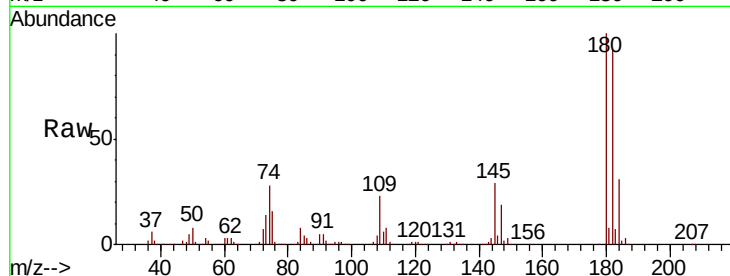




#67
 1,3,5-Trichlorobenzene
 Concen: 25.653 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.4	113.0
184	30.2	24.6	37.0
145	29.2	24.1	36.1

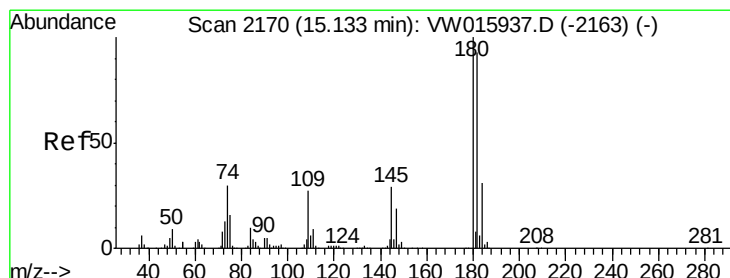
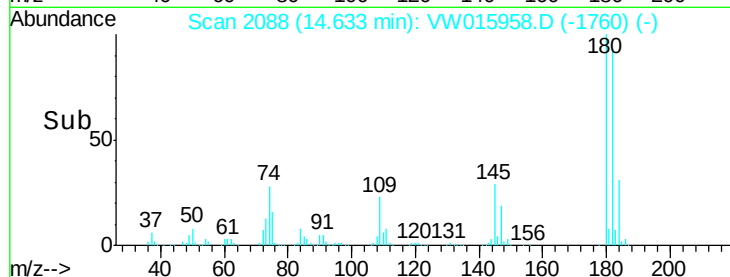
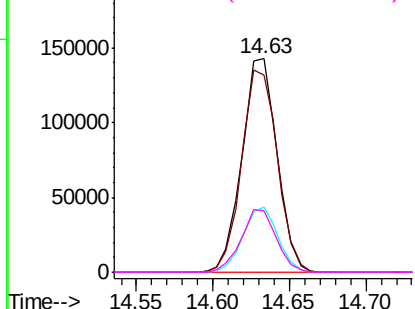


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

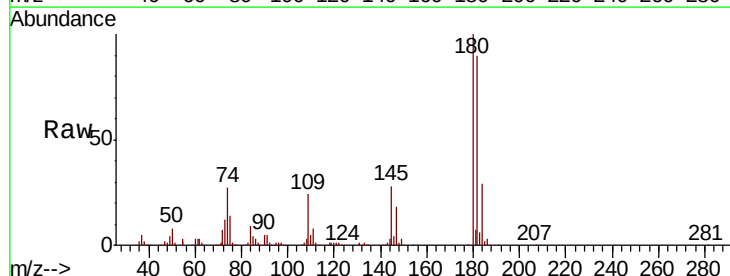
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 25.498 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW015958.D
 Acq: 24 Jul 2020 18:27

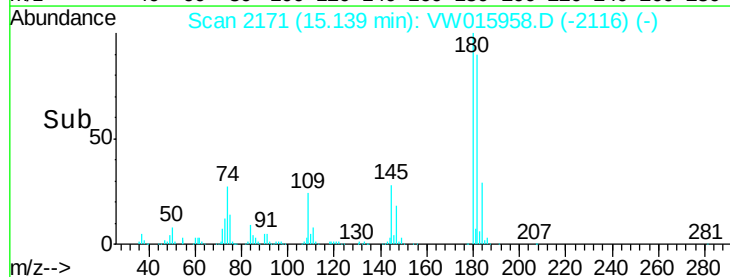
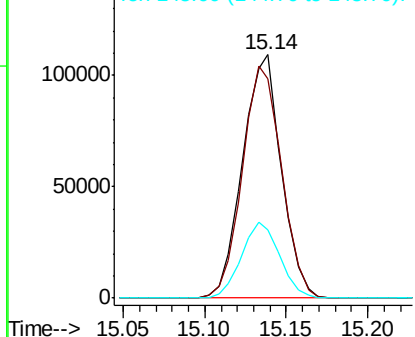
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.0	114.0
145	30.8	24.3	36.5

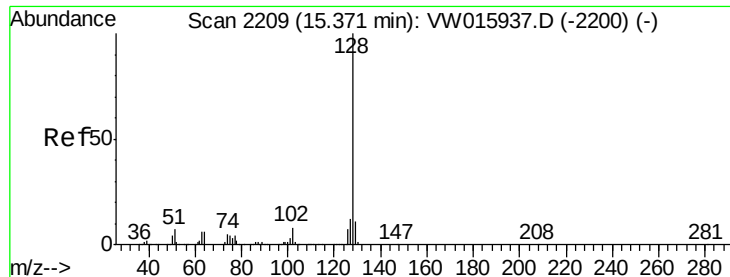


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 26.576 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_W

ClientSampled :

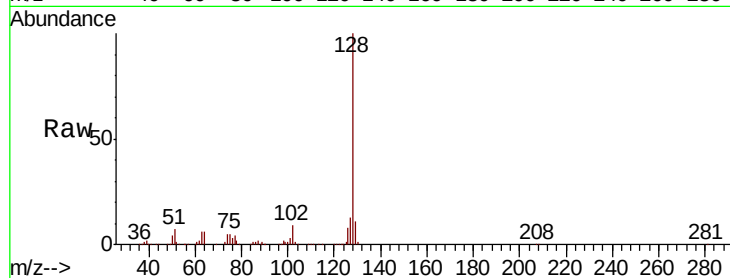
Tot Ion:128 Resp: 354266

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

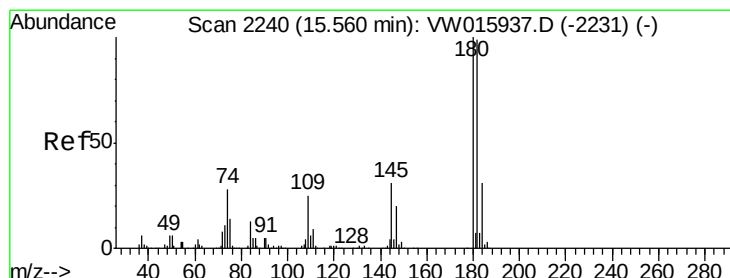
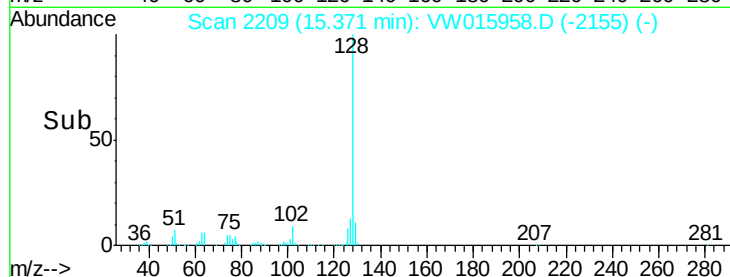
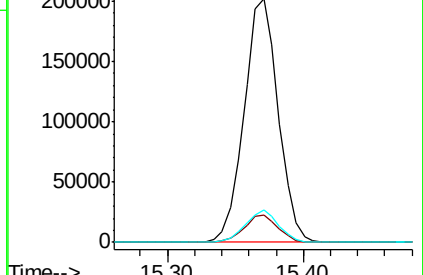
127 12.9 10.5 15.7



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: 25.937 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW015958.D

Acq: 24 Jul 2020 18:27

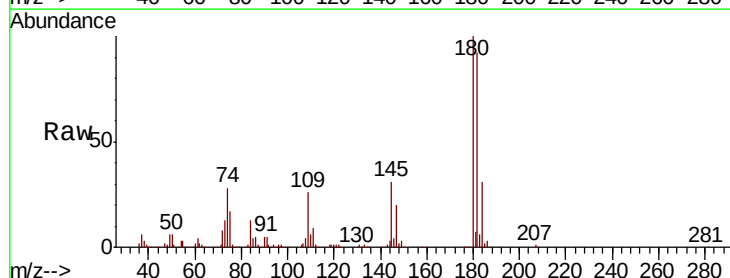
Tgt Ion:180 Resp: 163521

Ion Ratio Lower Upper

180 100

182 94.2 74.0 111.0

145 32.8 25.9 38.9



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

