

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016188.D
 Acq On : 14 Aug 2020 13:18
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Quant Time: Aug 17 08:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130089	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	136001	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.32	98	528348	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	187029	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	99248	54.824	ug/l	95
3) Chloromethane	2.21	50	98859	51.291	ug/l	96
4) Vinyl Chloride	2.37	62	132446	49.095	ug/l	94
5) Bromomethane	2.78	94	85271	50.836	ug/l	94
6) Chloroethane	2.93	64	78325	51.411	ug/l	94
7) Trichlorofluoromethane	3.26	101	107723	49.323	ug/l	98
8) Diethyl Ether	3.68	74	71447	52.131	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141439	49.387	ug/l	99
10) Methyl Iodide	4.26	142	203702	49.227	ug/l	100
11) Tert butyl alcohol	5.21	59	36189	261.932	ug/l	98
12) 1,1-Dichloroethene	4.03	96	145348	49.872	ug/l	97
13) Acrolein	3.89	56	49194	246.491	ug/l	99
14) Allyl chloride	4.66	41	203981	52.238	ug/l	99
15) Acrylonitrile	5.37	53	143445	277.768	ug/l	100
16) Acetone	4.14	43	140804	283.130	ug/l	96
17) Carbon Disulfide	4.37	76	425735	49.751	ug/l	99
18) Methyl Acetate	4.68	43	59841	51.673	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197509	55.038	ug/l	99
20) Methylene Chloride	4.91	84	165808	54.076	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	158625	49.981	ug/l	96
22) Diisopropyl ether	6.31	45	386028	52.439	ug/l	98
23) Vinyl Acetate	6.26	43	1192928	283.007	ug/l	100
24) 1,1-Dichloroethane	6.21	63	252773	49.197	ug/l	99
25) 2-Butanone	7.18	43	184589	276.958	ug/l	95
26) 2,2-Dichloropropane	7.17	77	158171	47.658	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	166316	50.770	ug/l	99
28) Bromochloromethane	7.51	49	99390	50.987	ug/l	99
29) Tetrahydrofuran	7.54	42	113938	285.987	ug/l	99
30) Chloroform	7.68	83	260280	48.756	ug/l	97
31) Cyclohexane	7.96	56	228594	48.251	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	221086	49.294	ug/l	100
36) 1,1-Dichloropropene	8.08	75	214063	49.929	ug/l	100
37) Ethyl Acetate	7.26	43	81955	55.753	ug/l	99
38) Carbon Tetrachloride	8.07	117	209027	48.855	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	274588	53.170	ug/l	97
40) Benzene	8.32	78	600546	49.792	ug/l	100
41) Methacrylonitrile	7.49	41	47419	56.523	ug/l	98
42) 1,2-Dichloroethane	8.40	62	161529	50.708	ug/l	100
43) Isopropyl Acetate	8.43	43	154982	56.041	ug/l	99
44) Trichloroethene	9.09	130	161513	47.282	ug/l	98
45) 1,2-Dichloropropane	9.37	63	141141	49.643	ug/l	99
46) Dibromomethane	9.46	93	78300	52.457	ug/l	99
47) Bromodichloromethane	9.65	83	195277	50.636	ug/l	99
48) Methyl methacrylate	9.43	41	77805	60.519	ug/l	96
49) 1,4-Dioxane	9.46	88	20625	1097.333	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	397911	284.486	ug/l	100
52) Toluene	10.39	92	392120	50.771	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	194451	54.456	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	233197	52.546	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109373	51.067	ug/l	99
56) Ethyl methacrylate	10.65	69	140469	57.512	ug/l	99
57) 1,3-Dichloropropane	10.93	76	187188	51.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	313248	281.298	ug/l	100
59) 2-Hexanone	10.97	43	281194	293.871	ug/l	100
60) Dibromochloromethane	11.13	129	133086	52.235	ug/l	100
61) 1,2-Dibromoethane	11.24	107	107709	52.242	ug/l	99
64) Tetrachloroethene	10.86	164	128664	49.660	ug/l	91
65) Chlorobenzene	11.66	112	408204	50.438	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	140868	49.796	ug/l	99
67) Ethyl Benzene	11.73	91	743818	51.138	ug/l	100
68) m/p-Xylenes	11.84	106	567241	101.461	ug/l	99
69) o-Xylene	12.17	106	262536	52.709	ug/l	99
70) Styrene	12.18	104	457135	53.039	ug/l	100
71) Bromoform	12.35	173	70705	55.847	ug/l #	99
73) Isopropylbenzene	12.46	105	736021	51.813	ug/l	99
74) N-amyl acetate	12.27	43	145329	57.127	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	123232	51.844	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	156448	91.255	ug/l	30
77) Bromobenzene	12.75	156	159852	50.876	ug/l	98
78) n-propylbenzene	12.80	91	858425	50.627	ug/l	99
79) 2-Chlorotoluene	12.89	91	492584	50.290	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	617044	50.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38776	54.252	ug/l	97
82) 4-Chlorotoluene	12.99	91	507868	49.806	ug/l	100
83) tert-Butylbenzene	13.21	119	522839	52.316	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	618511	51.257	ug/l	99
85) sec-Butylbenzene	13.38	105	739402	50.904	ug/l	99
86) p-Isopropyltoluene	13.50	119	682107	51.920	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	307232	48.826	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	310251	50.072	ug/l	98
89) n-Butylbenzene	13.82	91	648364	53.346	ug/l	99
90) Hexachloroethane	14.09	117	121388	49.510	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	284172	51.800	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19899	54.459	ug/l	98

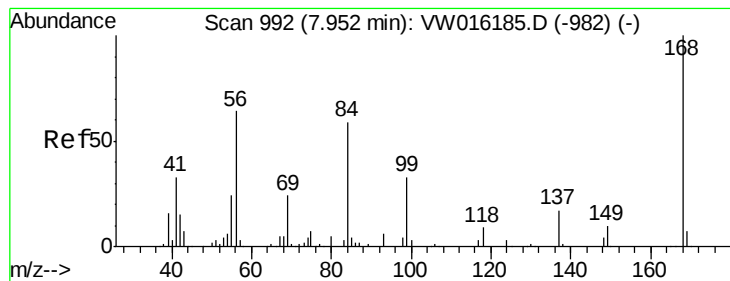
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	187125	57.200	ug/l	97
94) Hexachlorobutadiene	15.24	225	103884	53.411	ug/l	95
95) Naphthalene	15.37	128	360647	52.394	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	160383	57.087	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

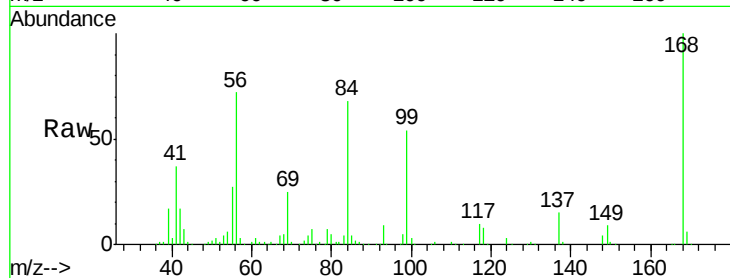
ICVW081420

Tgt Ion:168 Resp: 266202

Ion Ratio Lower Upper

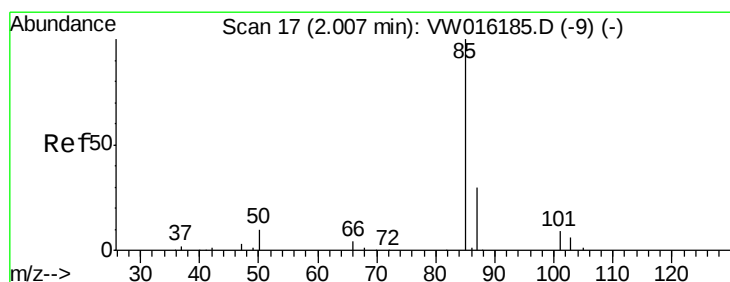
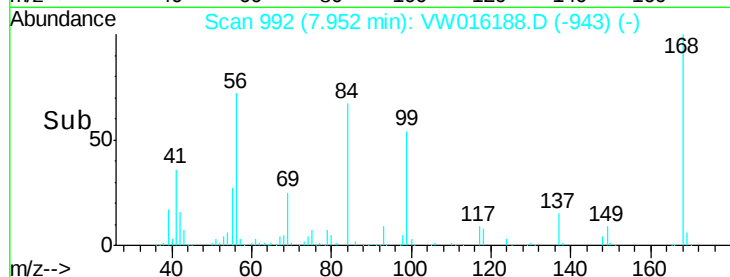
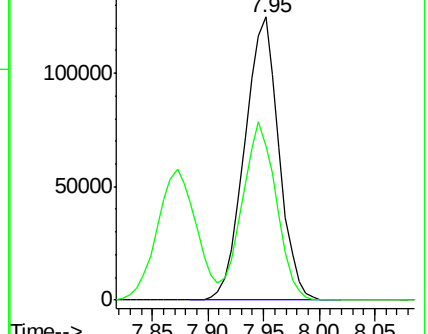
168 100

99 54.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.824 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016188.D

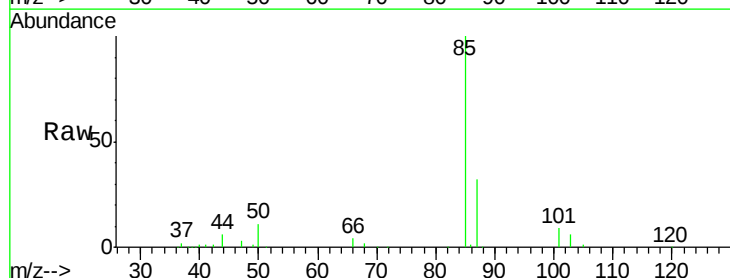
Acq: 14 Aug 2020 13:18

Tgt Ion: 85 Resp: 99248

Ion Ratio Lower Upper

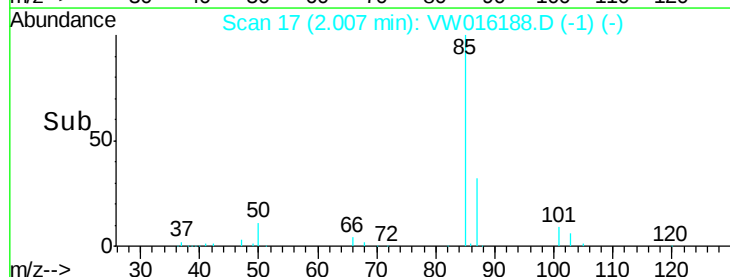
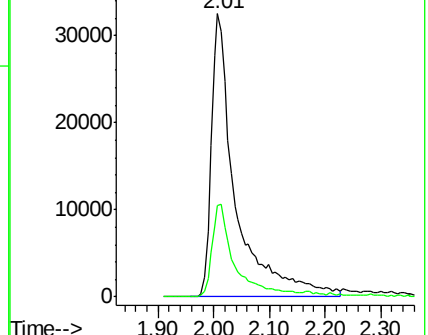
85 100

87 32.2 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

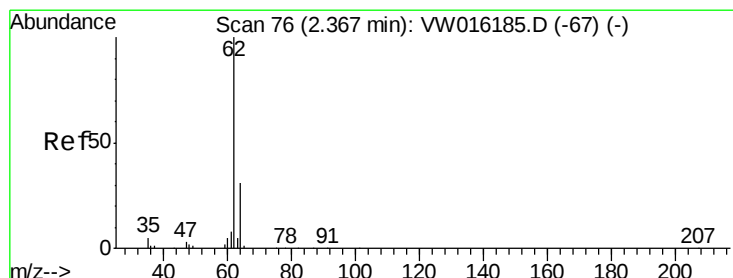
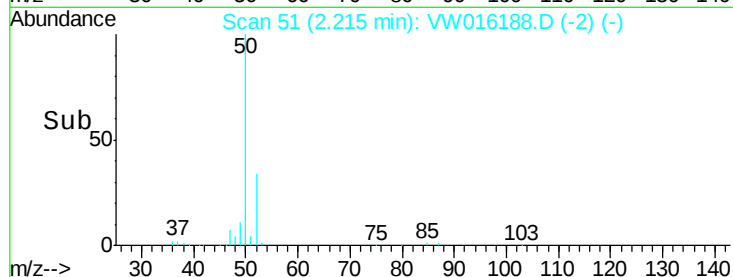
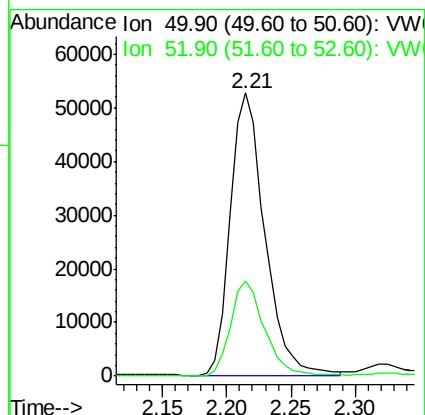
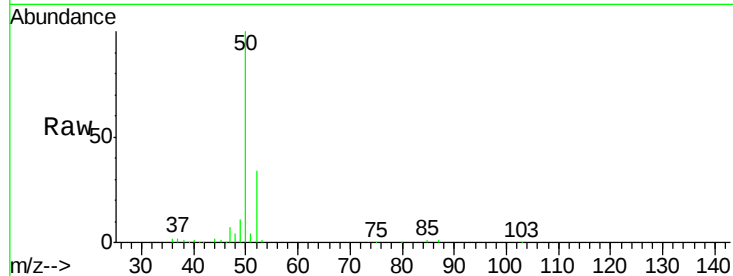




#3
Chloromethane
Concen: 51.291 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

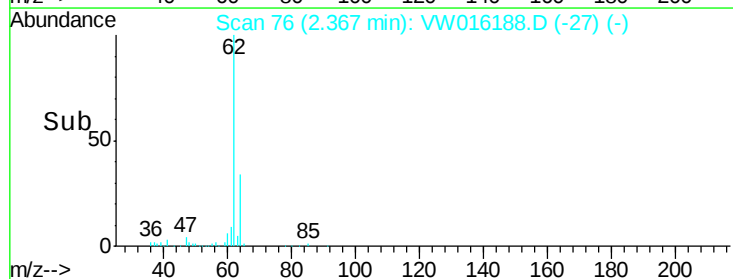
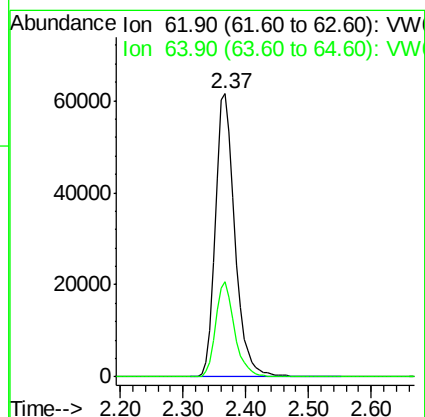
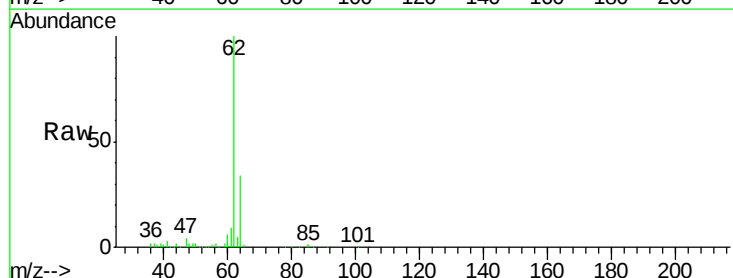
Instrument :
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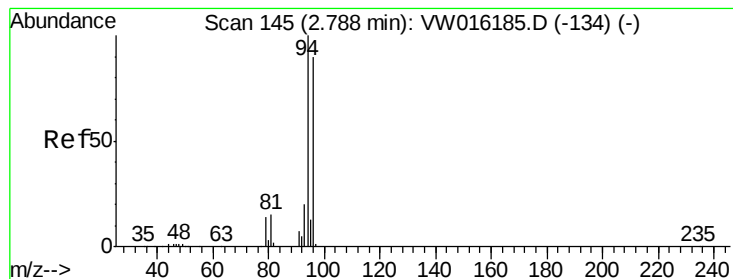
Tgt Ion: 50 Resp: 98859
Ion Ratio Lower Upper
50 100
52 33.6 25.3 37.9



#4
Vinyl Chloride
Concen: 49.095 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 62 Resp: 132446
Ion Ratio Lower Upper
62 100
64 33.9 24.5 36.7





#5

Bromomethane

Concen: 50.836 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

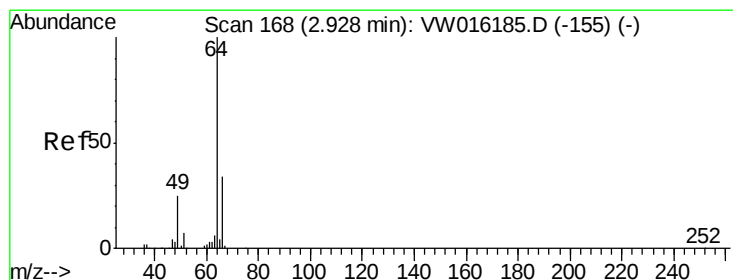
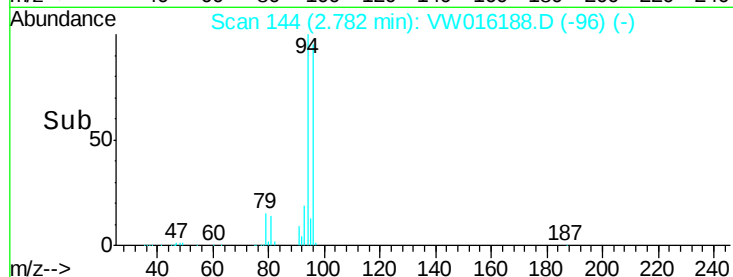
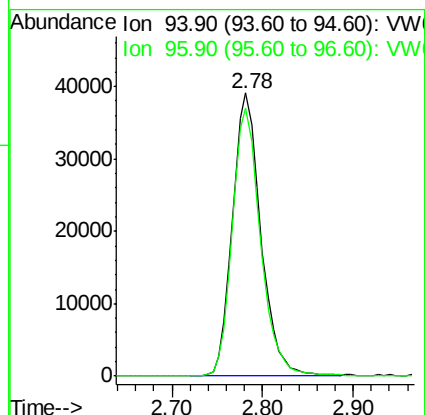
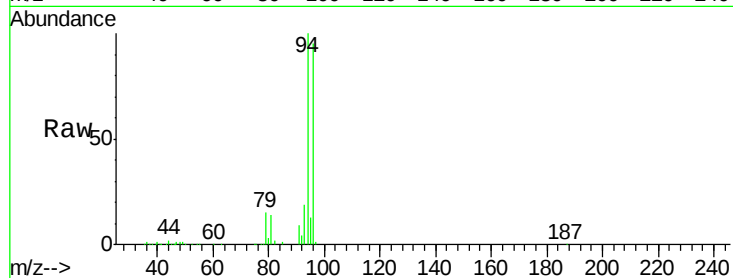
ICVW081420

Tgt Ion: 94 Resp: 85271

Ion Ratio Lower Upper

94 100

96 94.9 71.8 107.6



#6

Chloroethane

Concen: 51.411 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016188.D

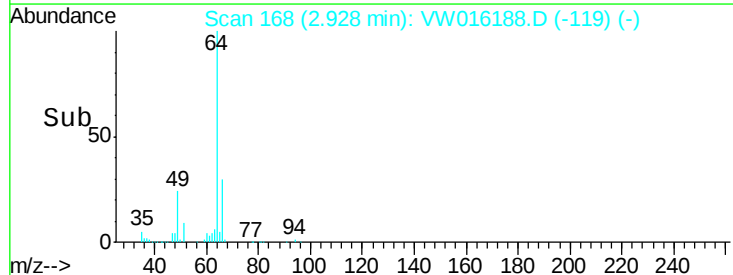
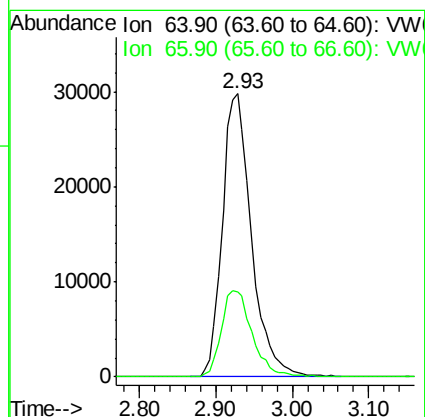
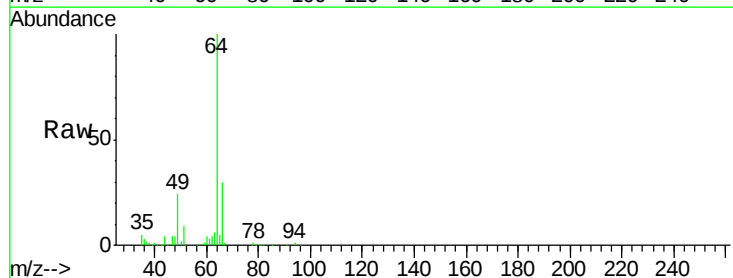
Acq: 14 Aug 2020 13:18

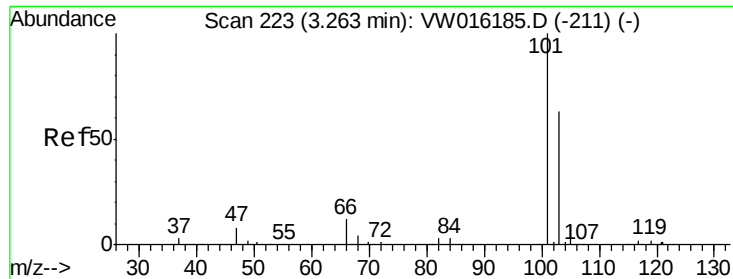
Tgt Ion: 64 Resp: 78325

Ion Ratio Lower Upper

64 100

66 30.2 26.9 40.3



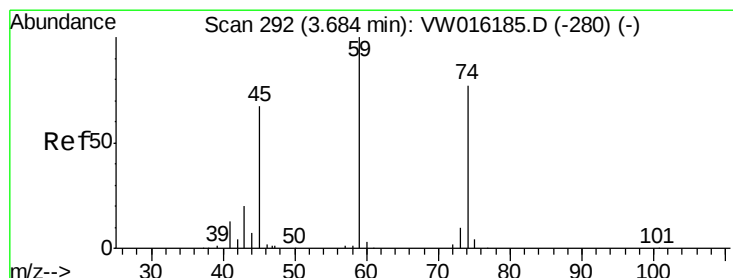
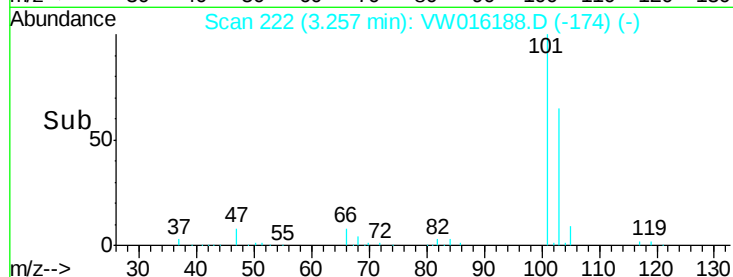
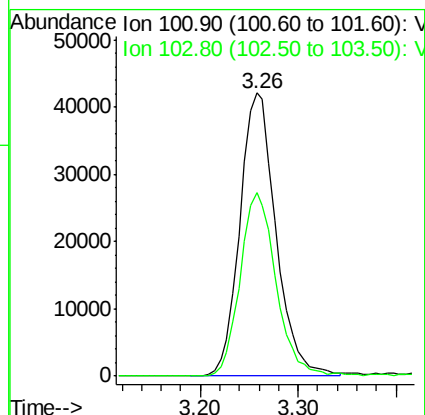
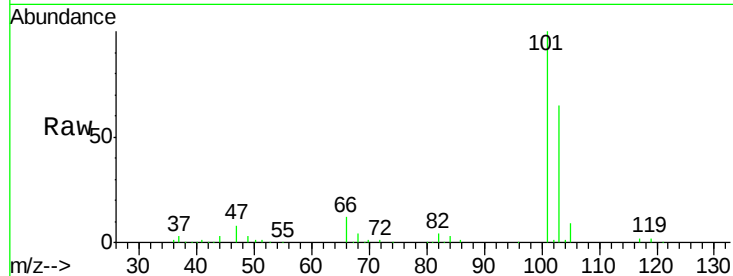


#7

Trichlorofluoromethane
 Concen: 49.323 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016188.D
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Instrument :
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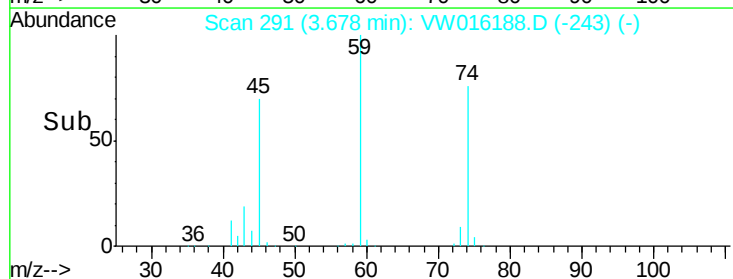
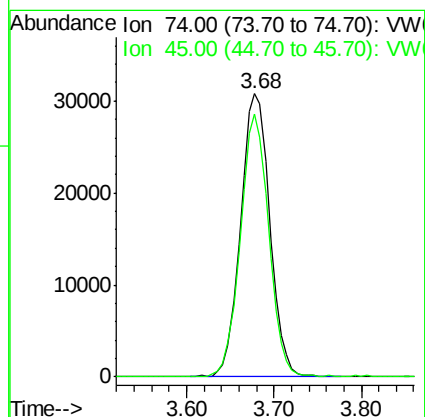
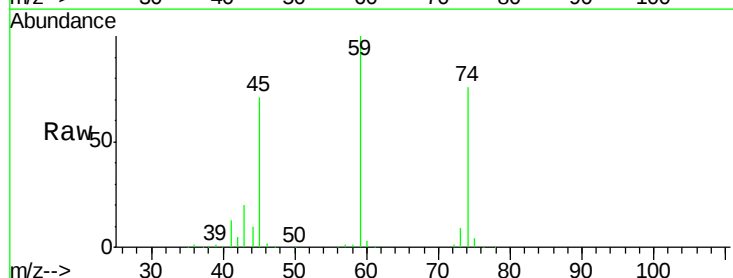
Tgt Ion: 101 Resp: 107723
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.4 75.6

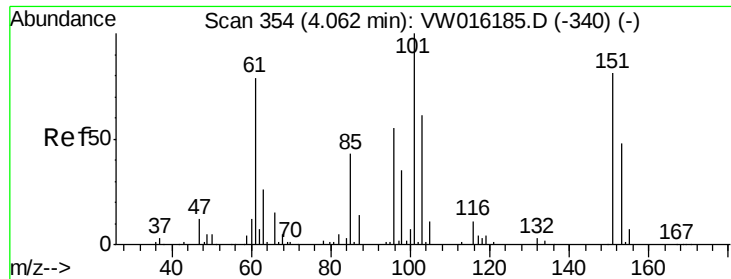


#8

Diethyl Ether
 Concen: 52.131 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion: 74 Resp: 71447
 Ion Ratio Lower Upper
 74 100
 45 90.3 45.9 137.7

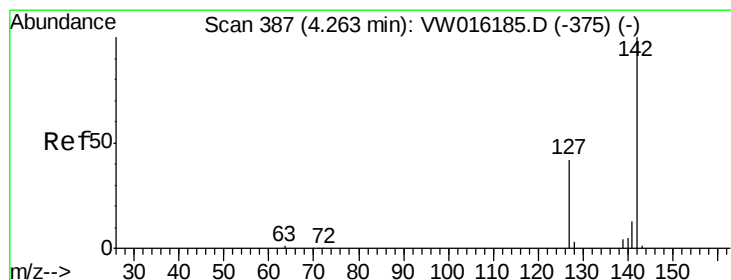
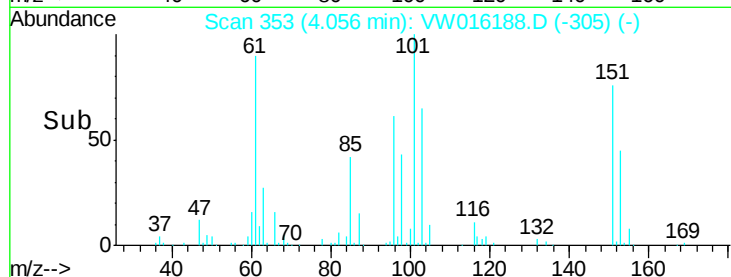
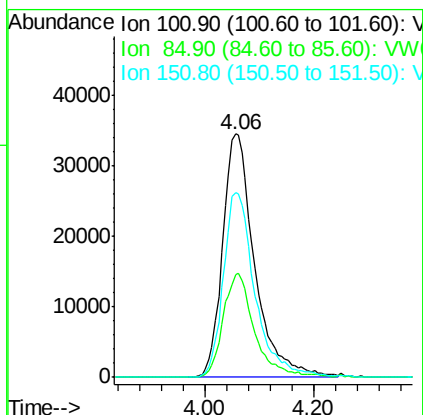
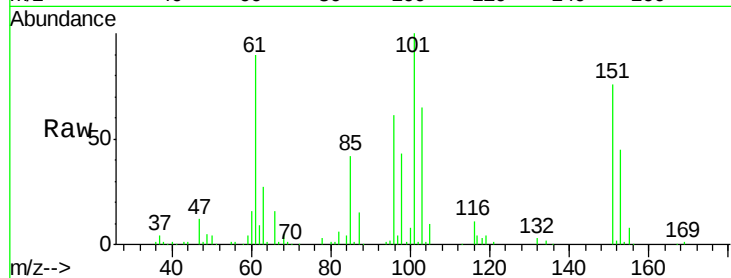




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.387 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

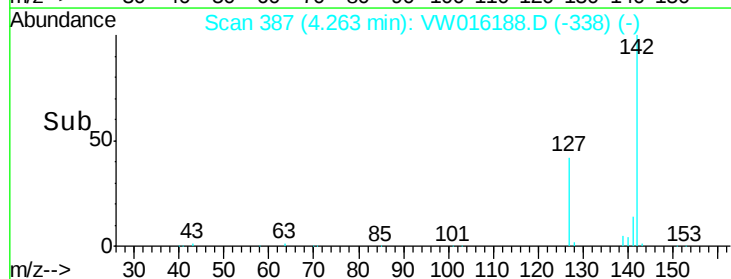
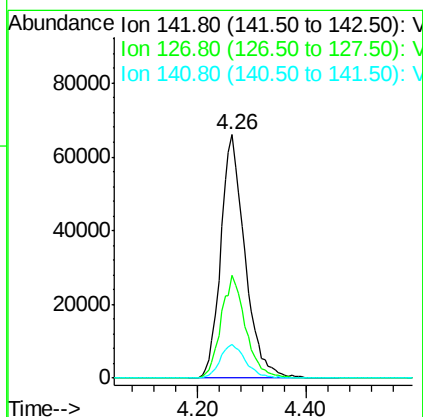
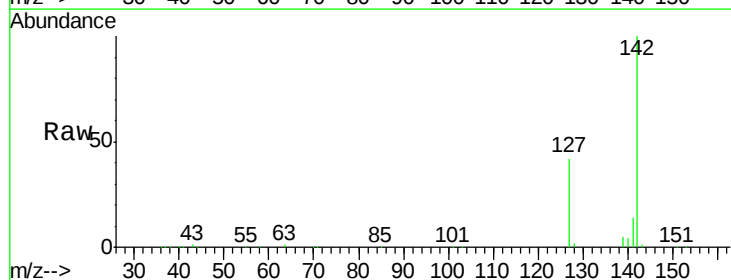
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 MSVOA_W
 ClientSampleId :
 ICVVW081420

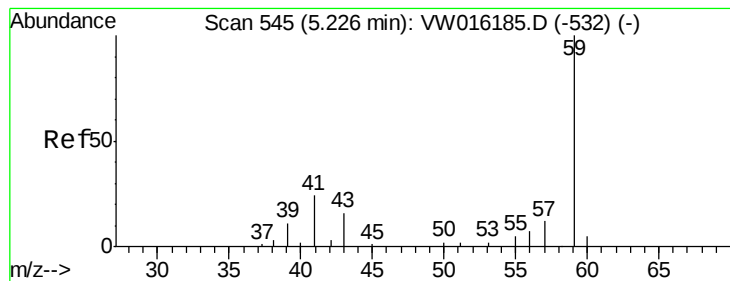
Tgt Ion:101 Resp: 141439
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.3 49.9
 151 75.5 61.1 91.7



#10
 Methyl Iodide
 Concen: 49.227 ug/l
 RT: 4.26 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion:142 Resp: 203702
 Ion Ratio Lower Upper
 142 100
 127 43.2 34.6 52.0
 141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 261.932 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

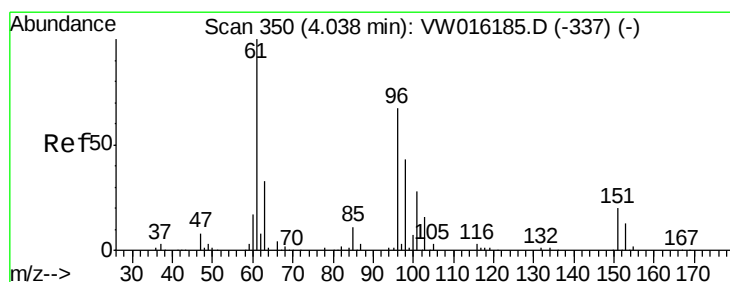
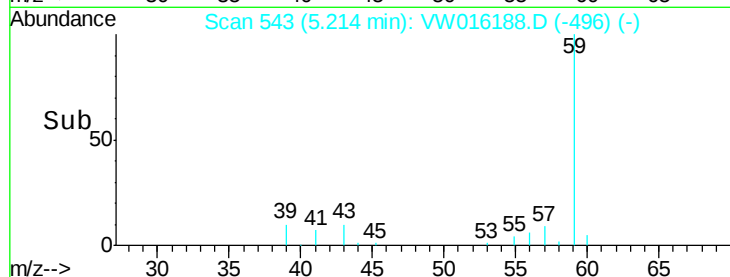
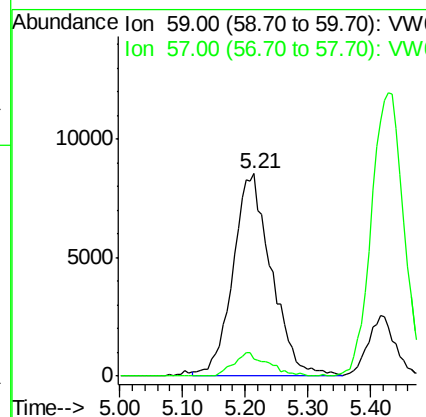
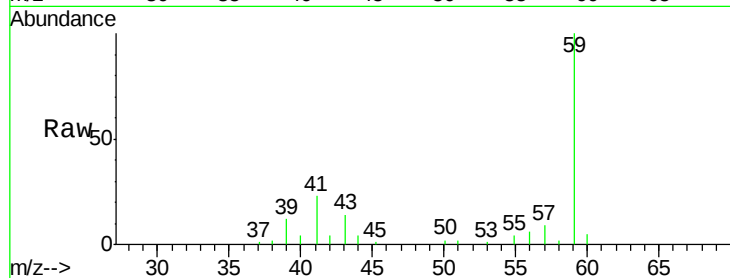
ICVW081420

Tgt Ion: 59 Resp: 36189

Ion Ratio Lower Upper

59 100

57 10.4 9.0 13.6



#12

1,1-Dichloroethene

Concen: 49.872 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

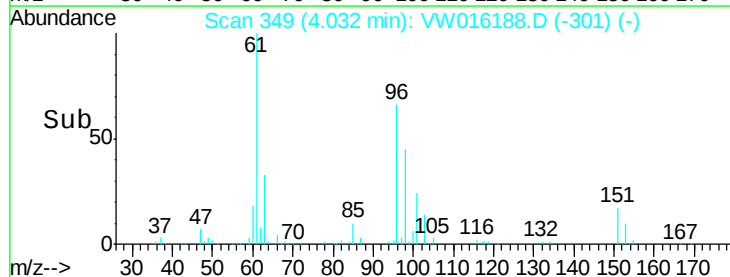
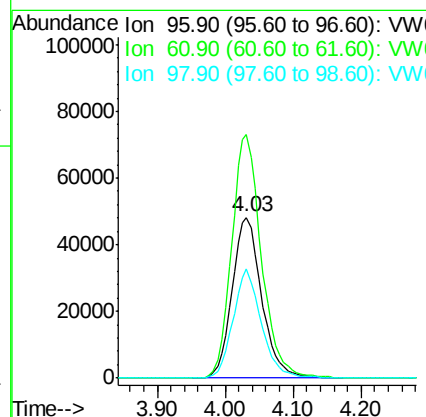
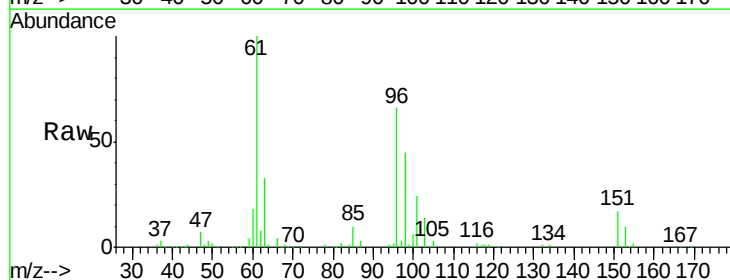
Tgt Ion: 96 Resp: 145348

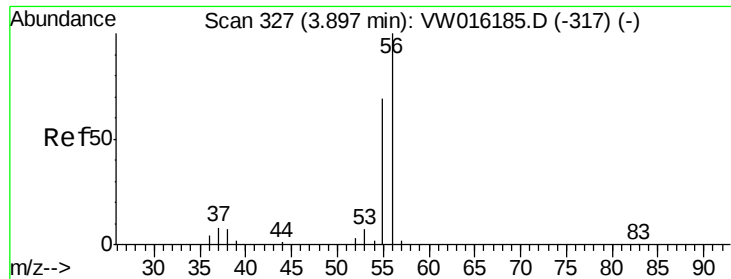
Ion Ratio Lower Upper

96 100

61 151.4 119.5 179.3

98 68.3 51.3 76.9





#13

Acrolein

Concen: 246.491 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

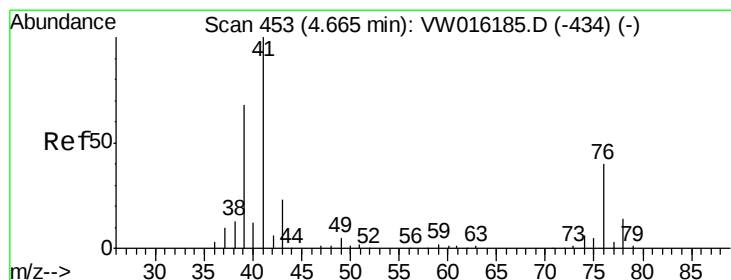
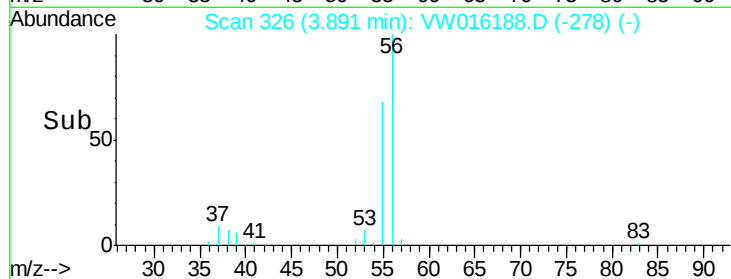
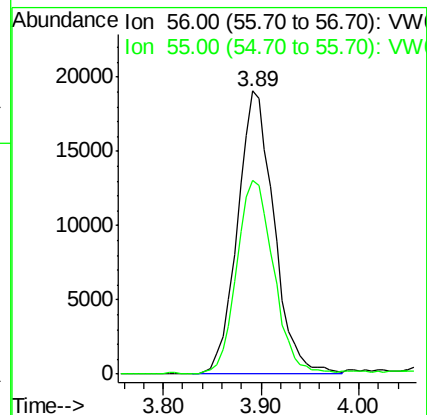
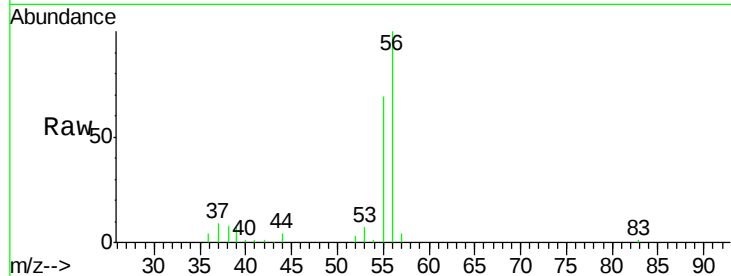
ICVW081420

Tgt Ion: 56 Resp: 49194

Ion Ratio Lower Upper

56 100

55 69.5 55.0 82.6



#14

Allyl chloride

Concen: 52.238 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

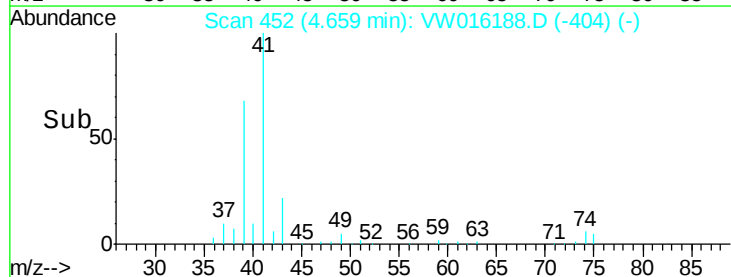
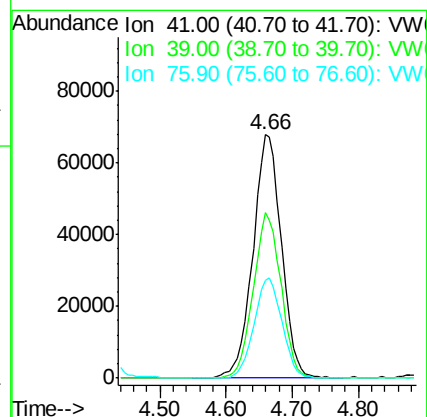
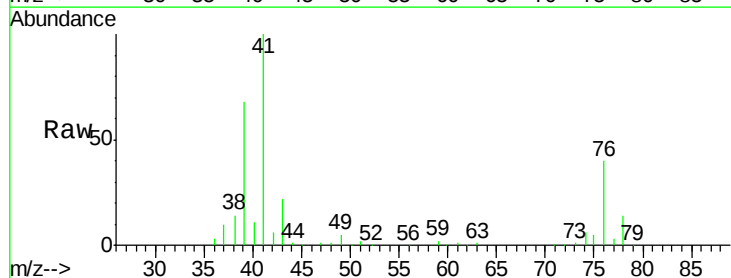
Tgt Ion: 41 Resp: 203981

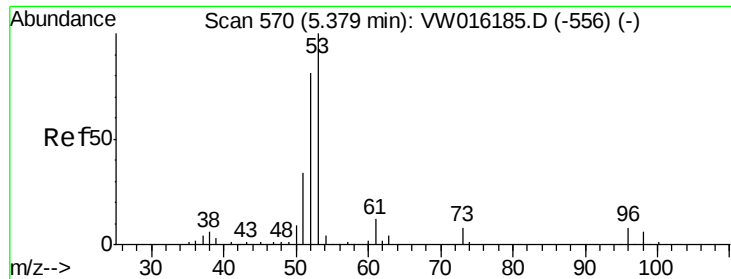
Ion Ratio Lower Upper

41 100

39 65.9 53.4 80.0

76 40.1 32.0 48.0





#15

Acrylonitrile

Concen: 277.768 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

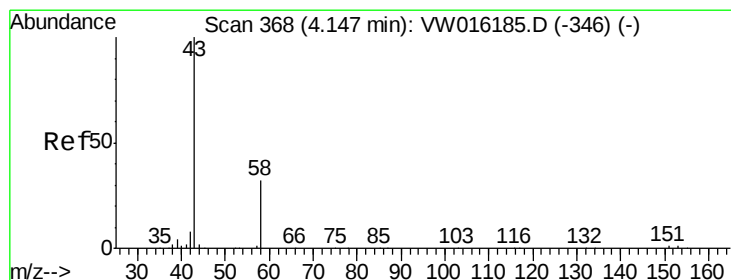
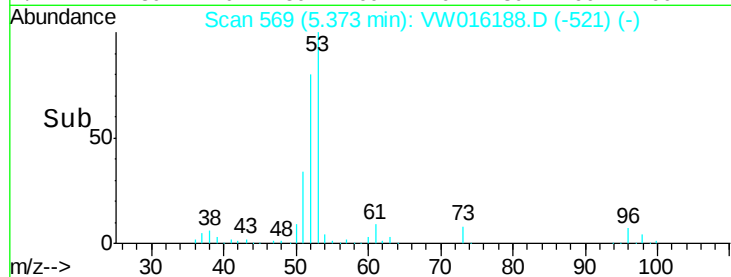
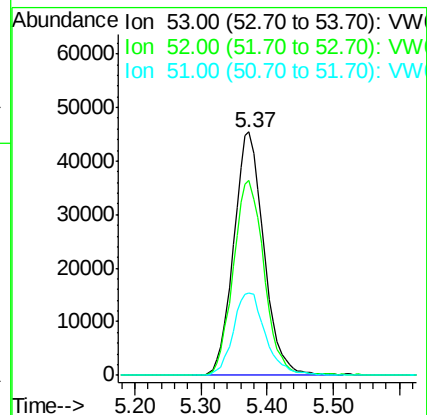
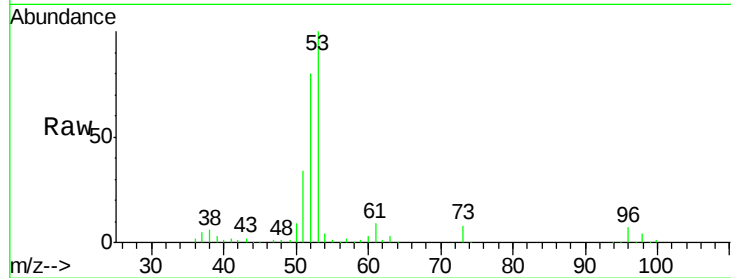
Tgt Ion: 53 Resp: 143445

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

51 36.0 29.0 43.4



#16

Acetone

Concen: 283.130 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016188.D

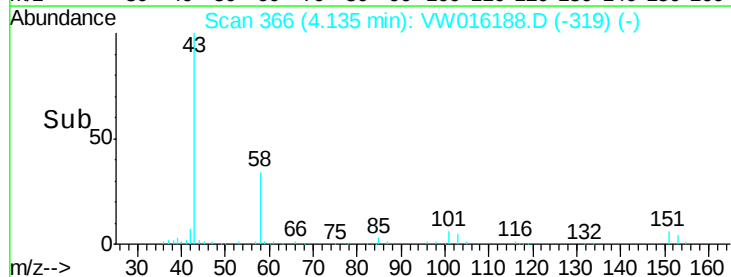
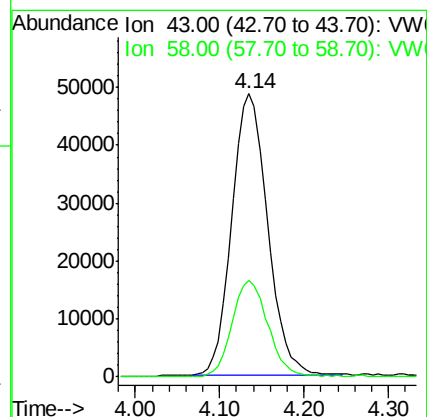
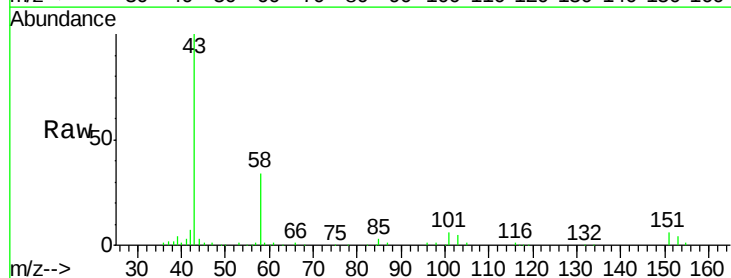
Acq: 14 Aug 2020 13:18

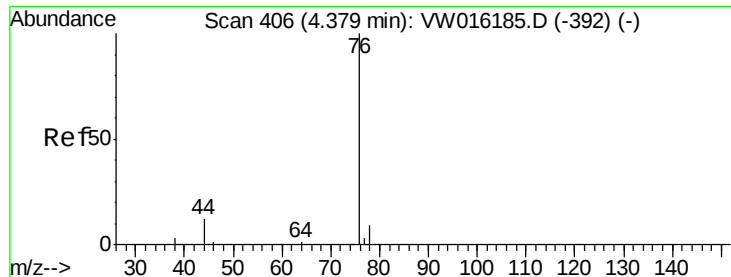
Tgt Ion: 43 Resp: 140804

Ion Ratio Lower Upper

43 100

58 34.2 25.8 38.6

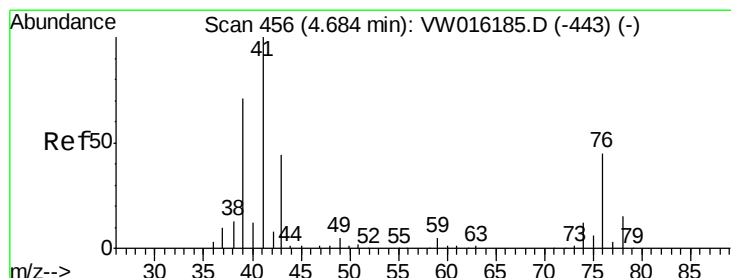
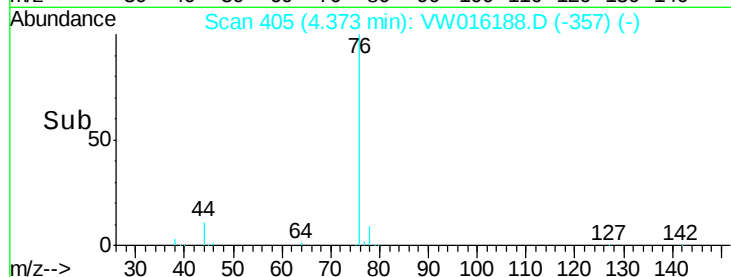
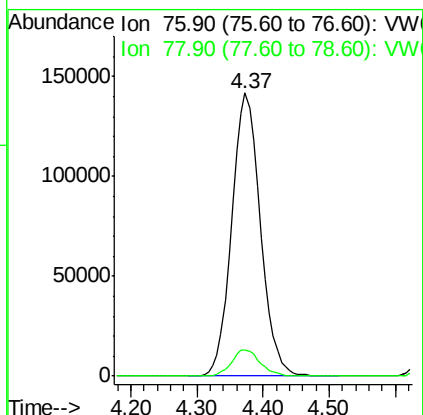
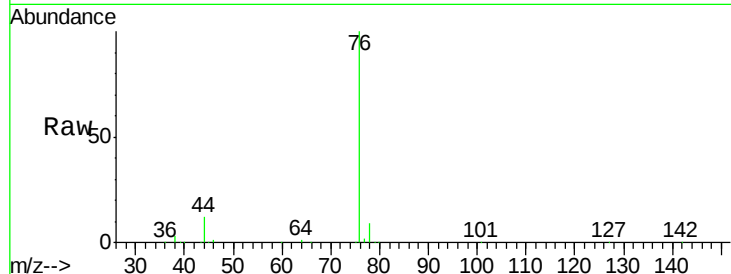




#17
Carbon Disulfide
Concen: 49.751 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

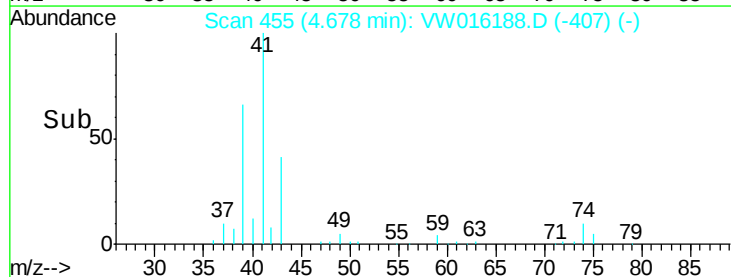
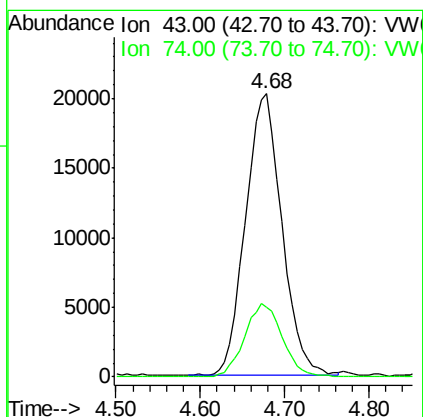
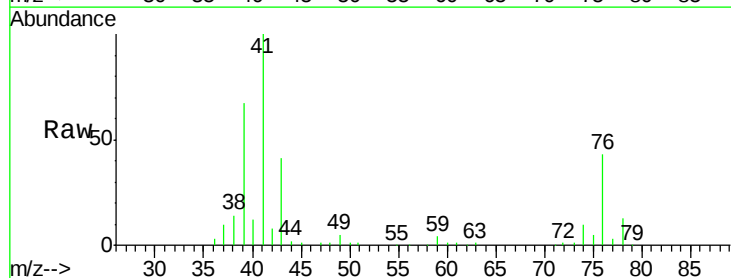
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

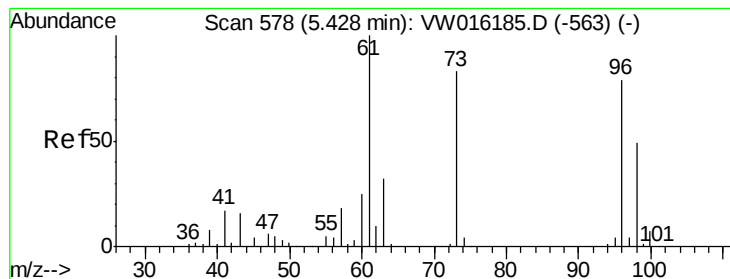
Tgt Ion: 76 Resp: 425735
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 51.673 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 43 Resp: 59841
Ion Ratio Lower Upper
43 100
74 26.8 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 55.038 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

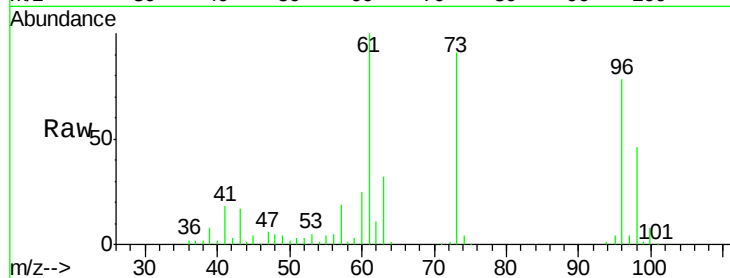
ICVW081420

Tgt Ion: 73 Resp: 197509

Ion Ratio Lower Upper

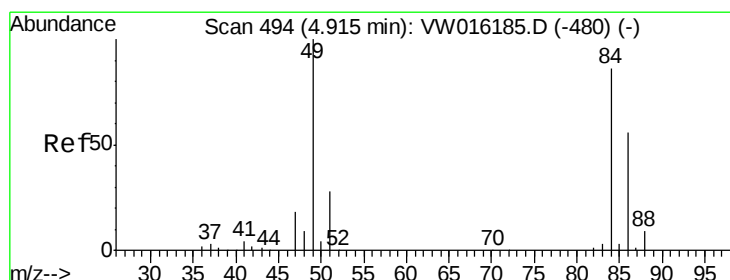
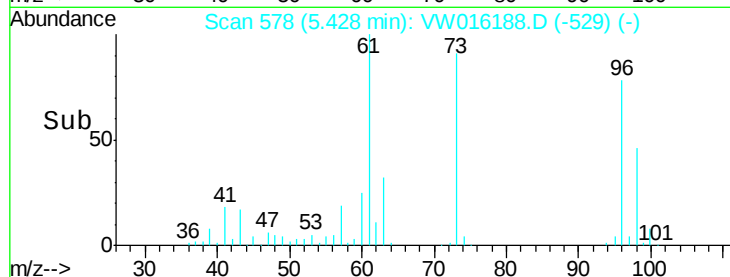
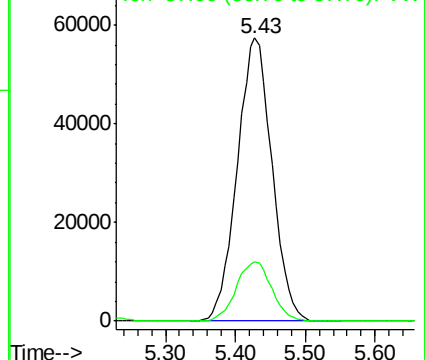
73 100

57 20.8 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 54.076 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion: 84 Resp: 165808

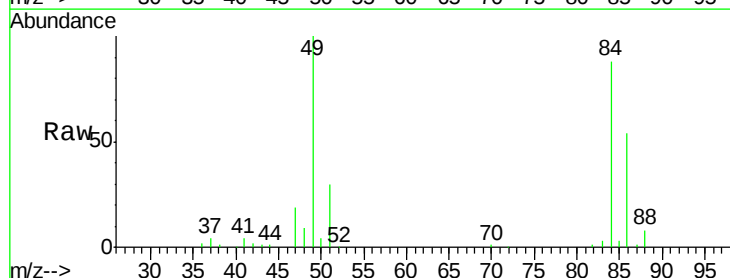
Ion Ratio Lower Upper

84 100

49 113.9 93.4 140.2

51 34.5 26.6 40.0

86 61.4 52.2 78.2

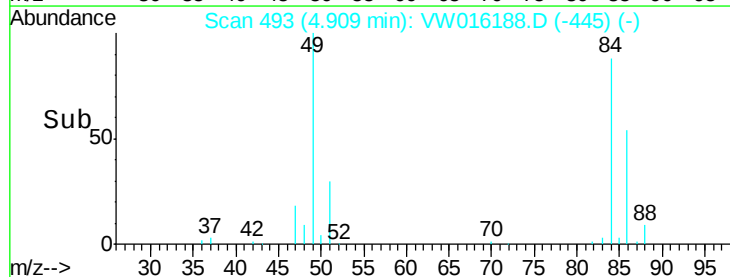
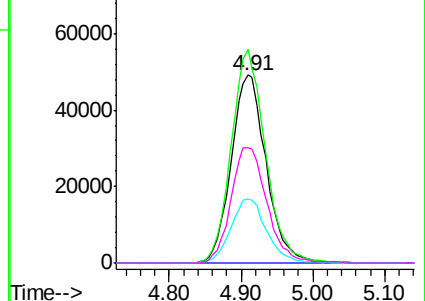


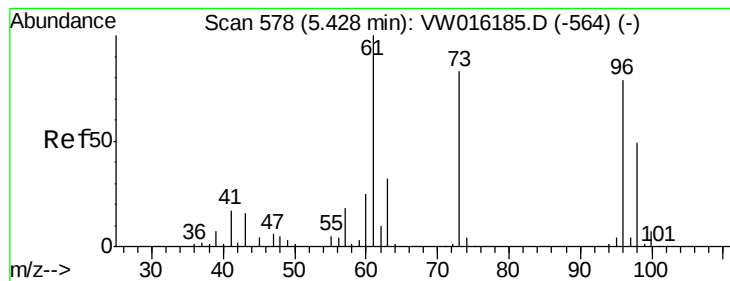
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 49.981 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

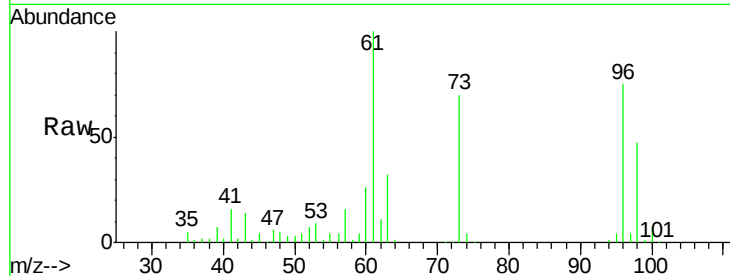
Tgt Ion: 96 Resp: 158625

Ion Ratio Lower Upper

96 100

61 132.7 101.4 152.0

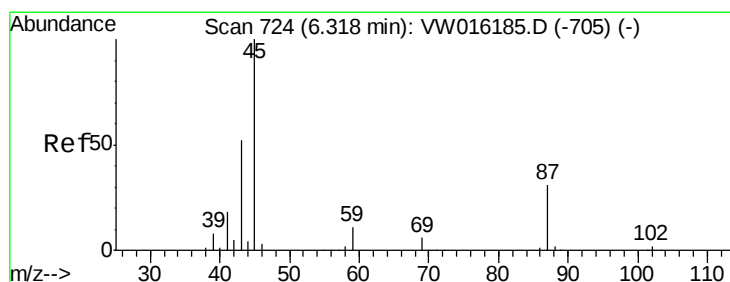
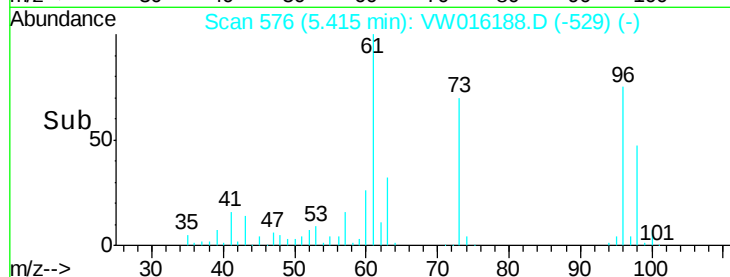
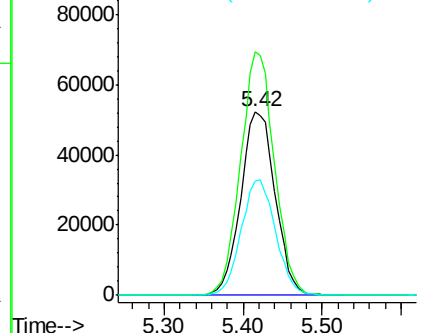
98 62.6 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 52.439 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion: 45 Resp: 386028

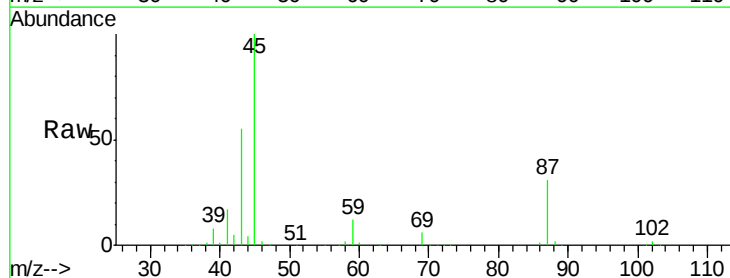
Ion Ratio Lower Upper

45 100

43 54.2 41.7 62.5

87 30.6 25.0 37.6

59 11.8 9.2 13.8

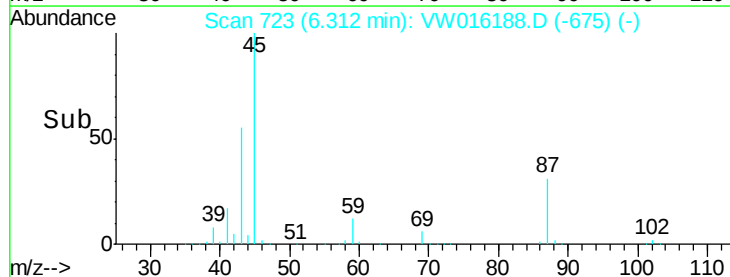
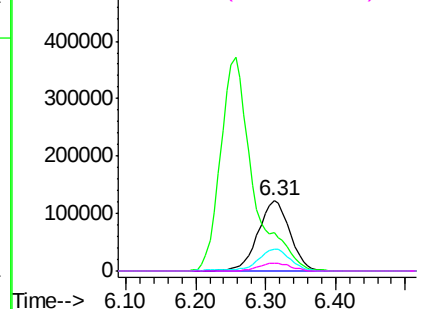


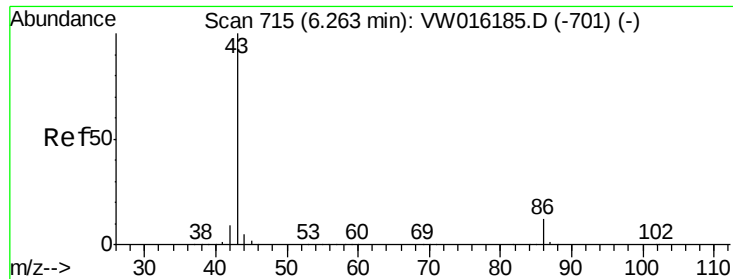
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 283.007 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

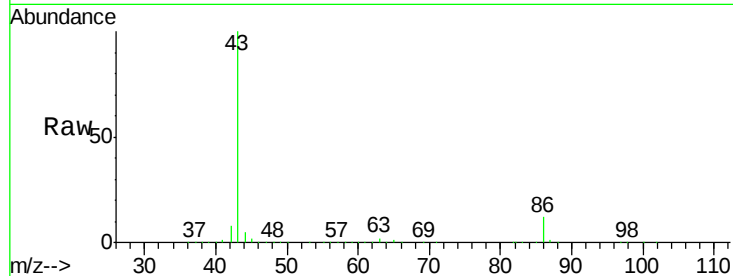
ICVW081420

Tgt Ion: 43 Resp: 1192928

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

400000

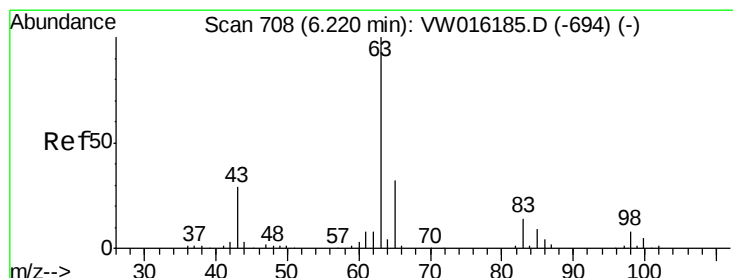
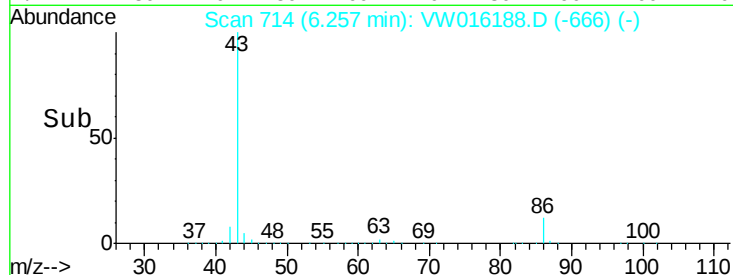
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.197 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

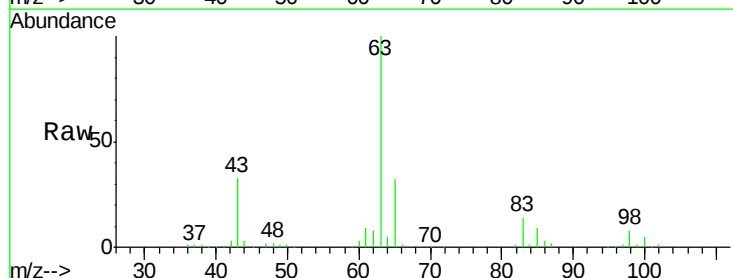
Tgt Ion: 63 Resp: 252773

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.8 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

100000

80000

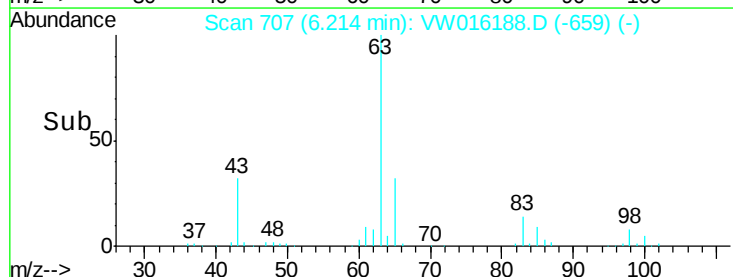
60000

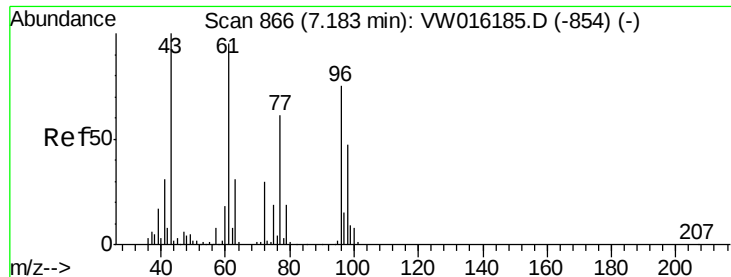
40000

20000

0

Time-->





#25

2-Butanone

Concen: 276.958 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

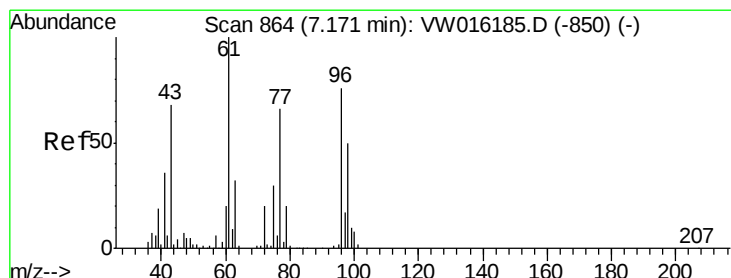
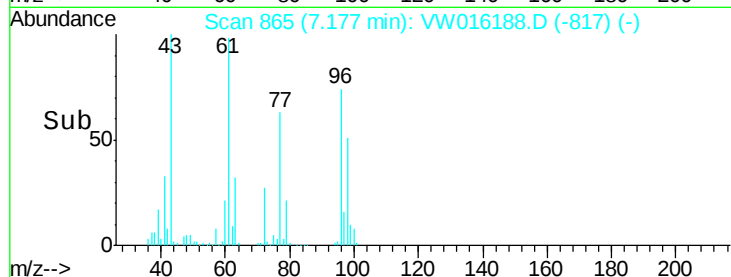
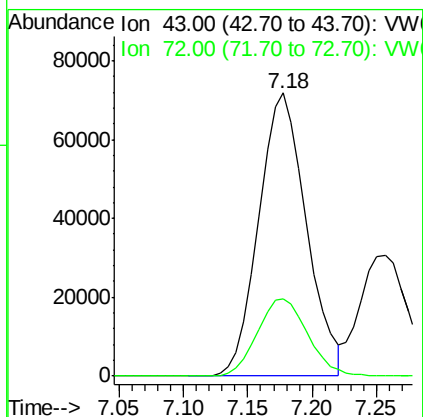
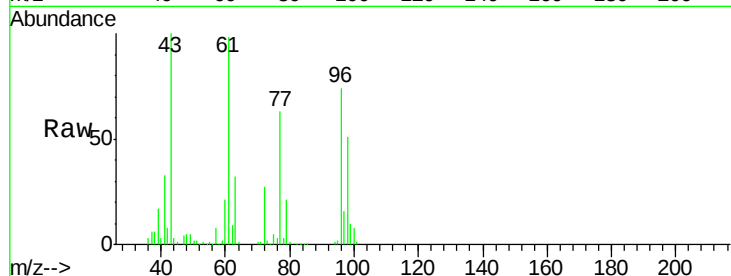
ICVW081420

Tgt Ion: 43 Resp: 184589

Ion Ratio Lower Upper

43 100

72 27.2 24.2 36.2



#26

2,2-Dichloropropane

Concen: 47.658 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016188.D

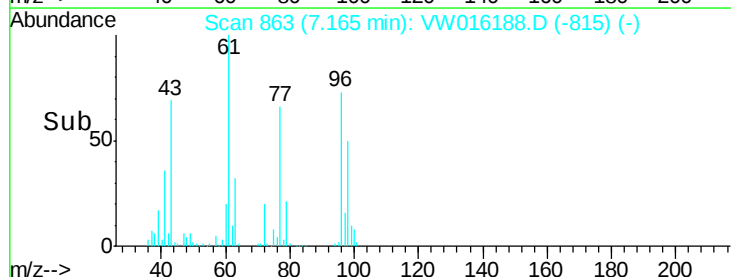
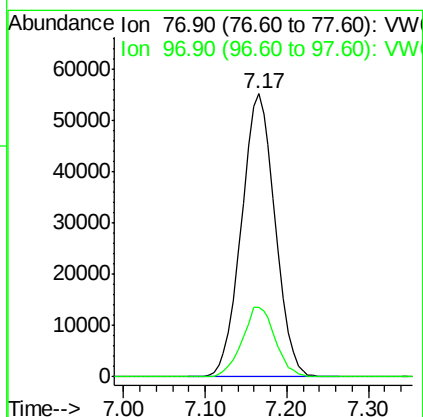
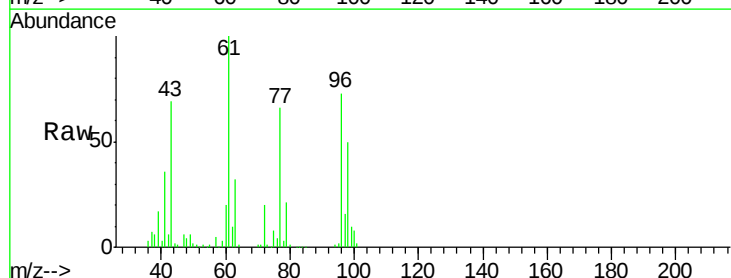
Acq: 14 Aug 2020 13:18

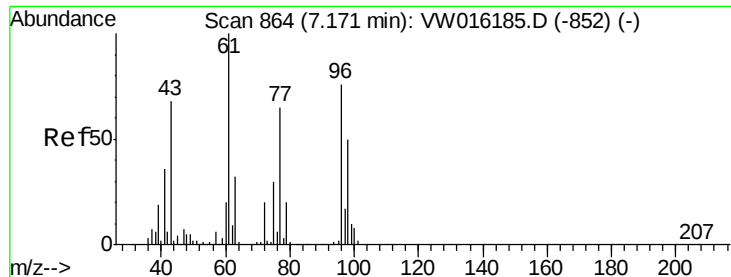
Tgt Ion: 77 Resp: 158171

Ion Ratio Lower Upper

77 100

97 24.3 12.1 36.3



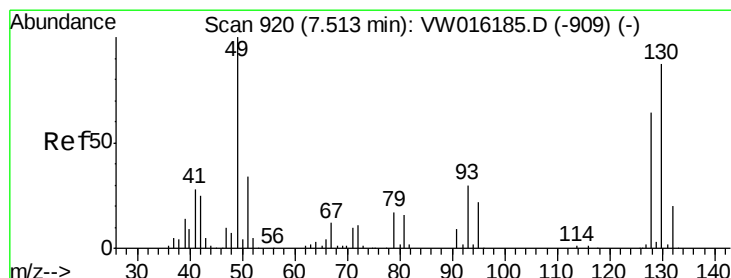
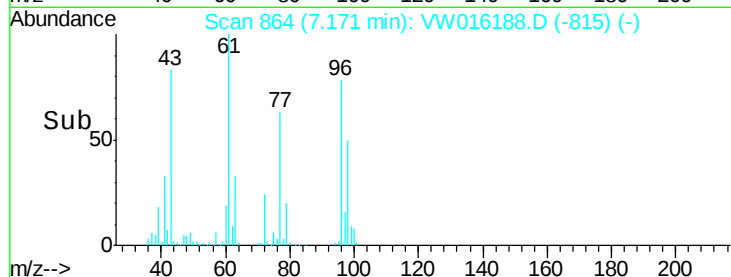
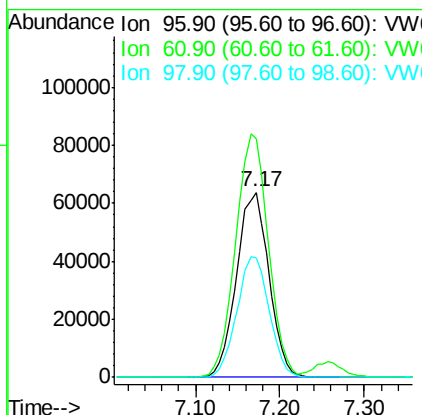
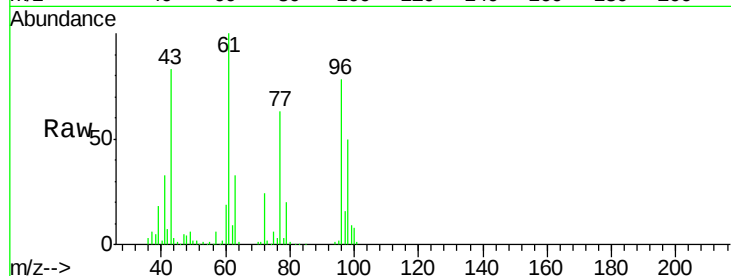


#27

cis-1,2-Dichloroethene
Concen: 50.770 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

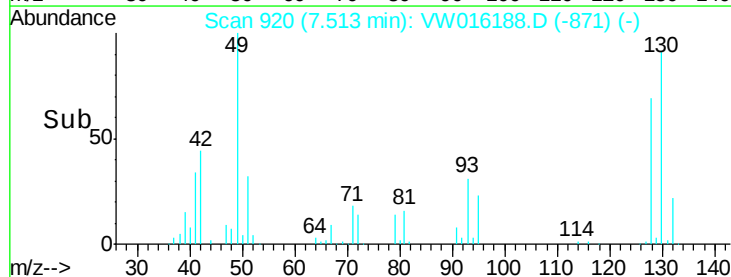
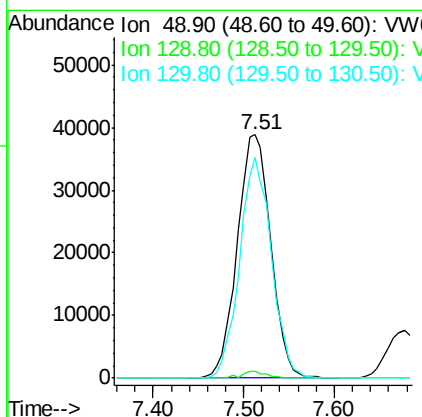
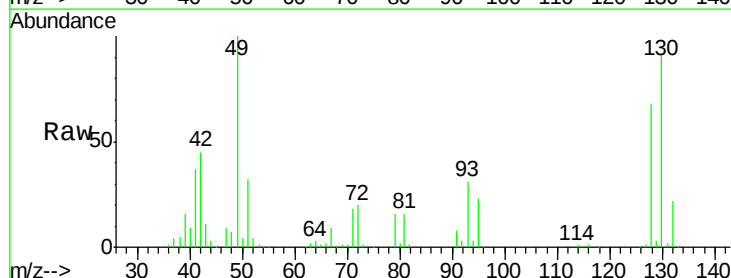
Tgt Ion: 96 Resp: 166316
Ion Ratio Lower Upper
96 100
61 132.2 0.0 267.0
98 65.1 0.0 129.6

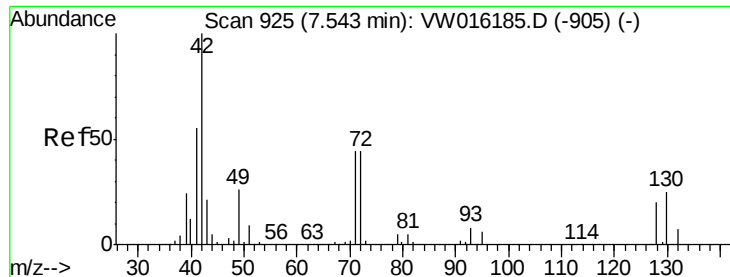


#28

Bromochloromethane
Concen: 50.987 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 49 Resp: 99390
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 86.3 69.9 104.9

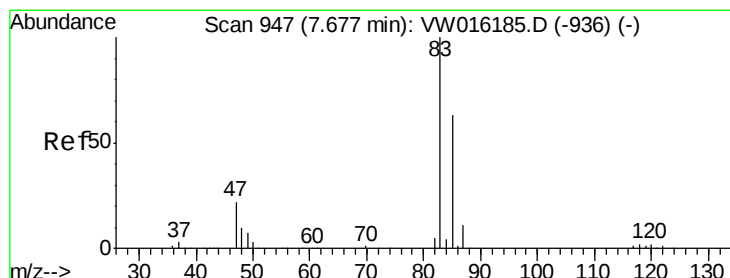
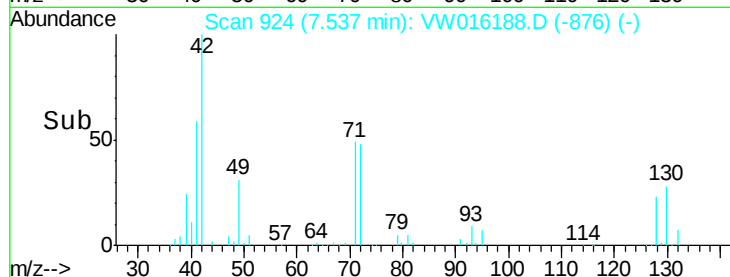
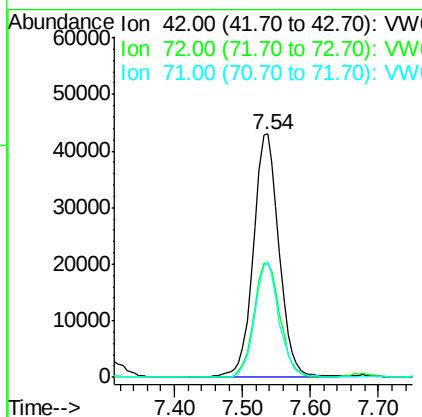
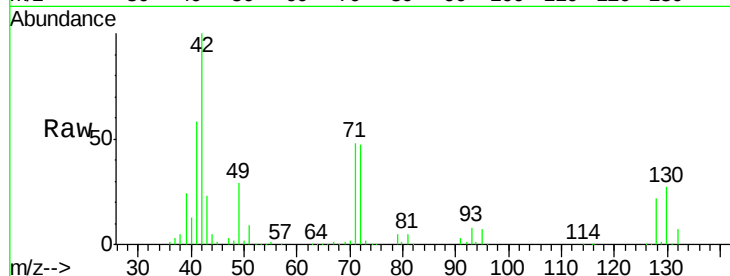




#29
Tetrahydrofuran
Concen: 285.987 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

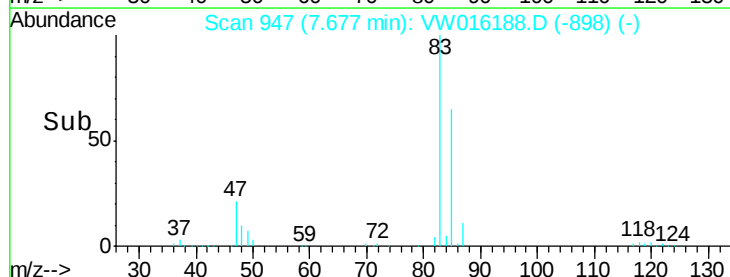
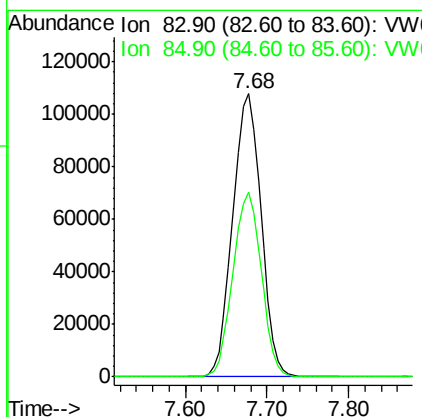
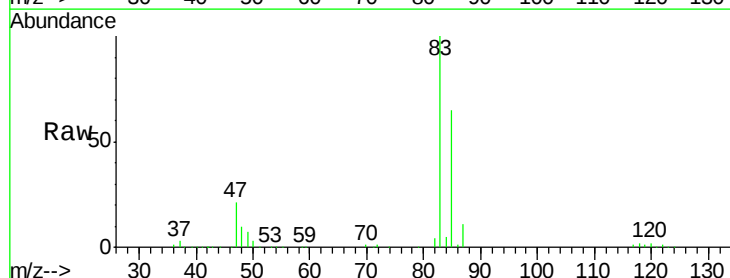
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

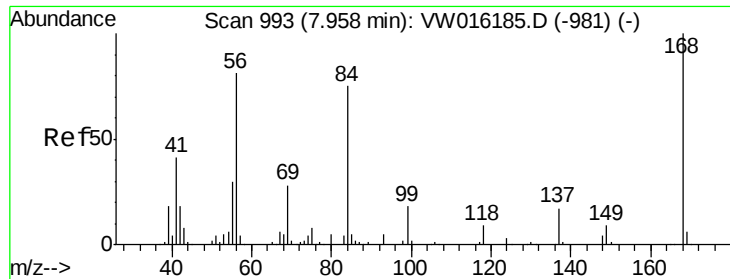
Tgt Ion: 42 Resp: 113938
Ion Ratio Lower Upper
42 100
72 47.5 37.4 56.2
71 45.0 35.6 53.4



#30
Chloroform
Concen: 48.756 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 83 Resp: 260280
Ion Ratio Lower Upper
83 100
85 65.1 50.0 75.0

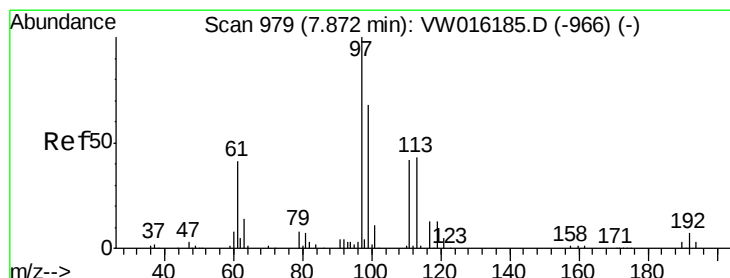
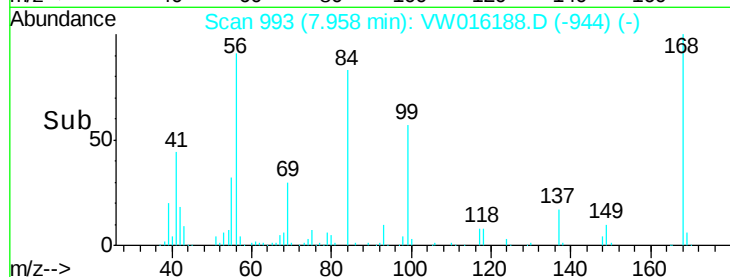
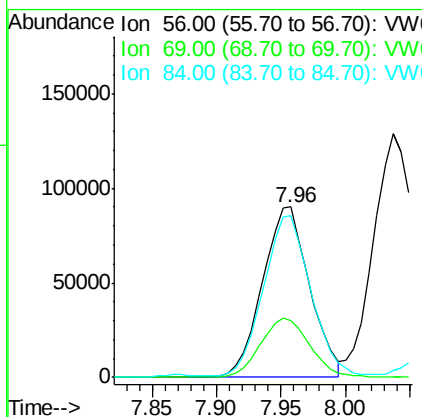
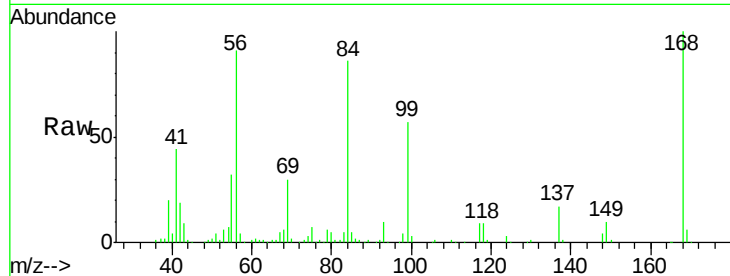




#31
Cyclohexane
Concen: 48.251 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

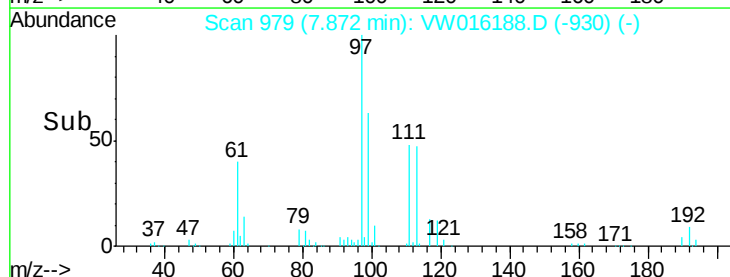
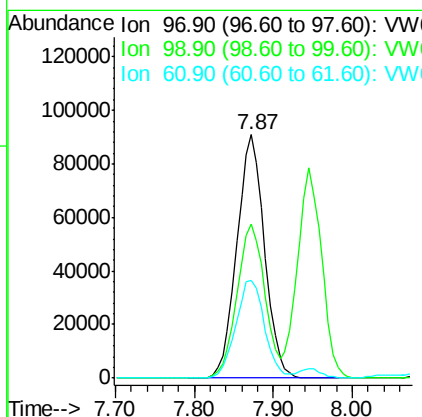
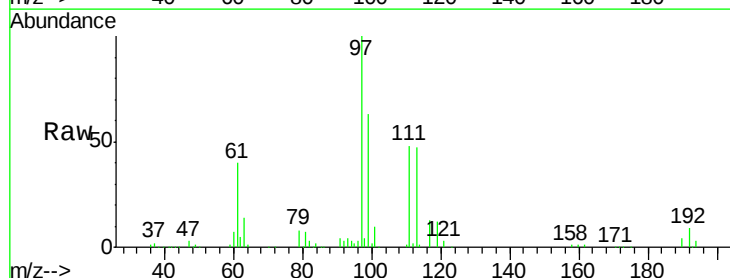
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

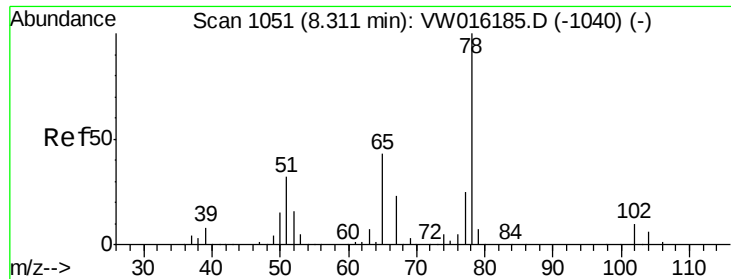
Tgt Ion: 56 Resp: 228594
Ion Ratio Lower Upper
56 100
69 33.5 27.3 40.9
84 93.9 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 49.294 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 97 Resp: 221086
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 41.9 33.2 49.8

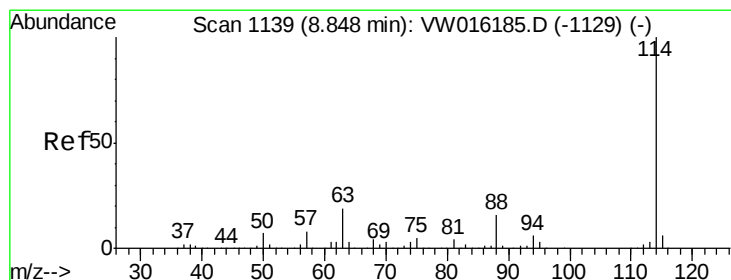
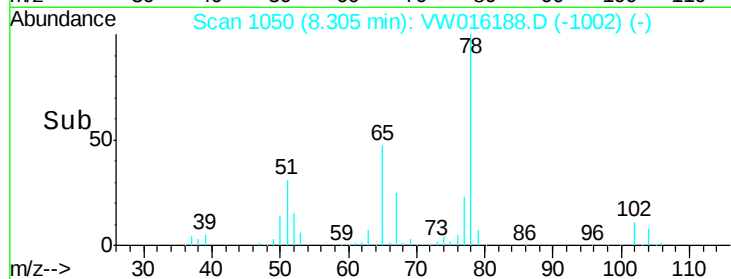
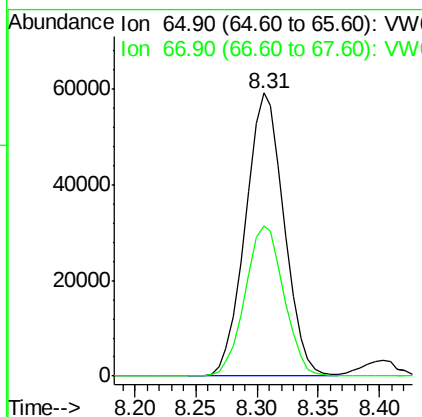
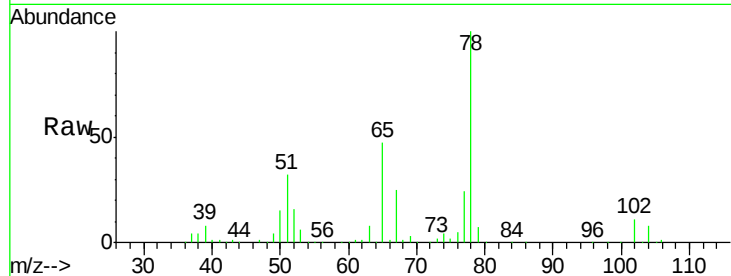




#33
 1,2-Dichloroethane-d4
 Concen: 50.111 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

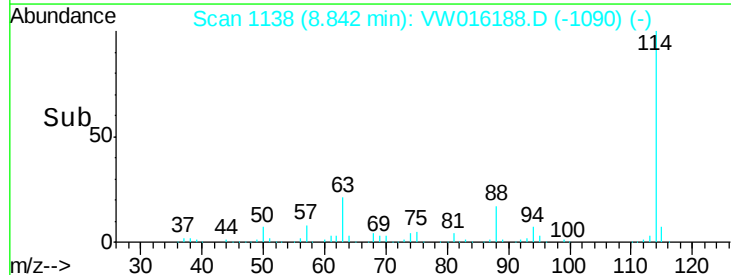
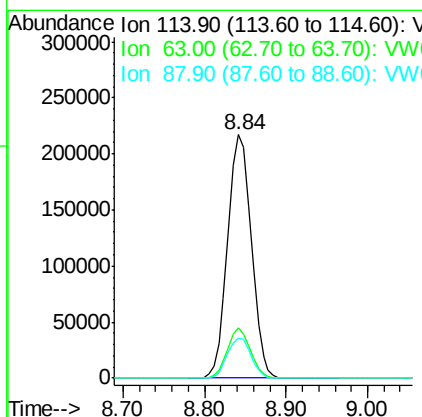
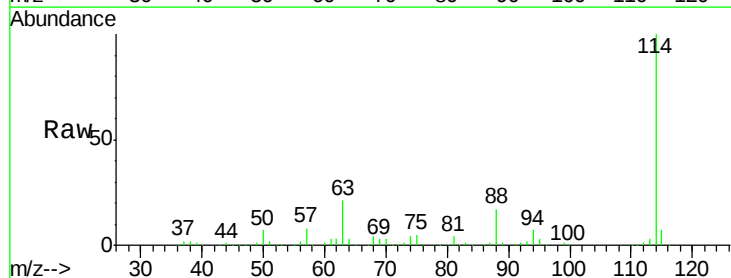
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

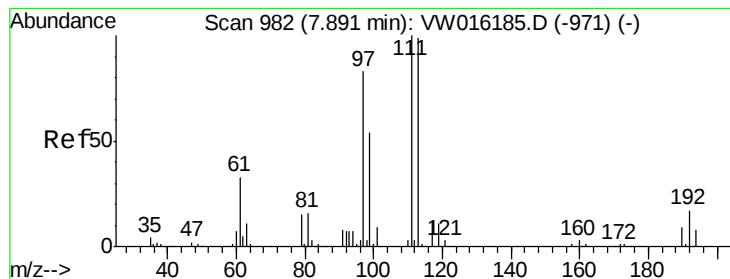
Tgt Ion: 65 Resp: 130089
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion: 114 Resp: 435204
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.4
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.648 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

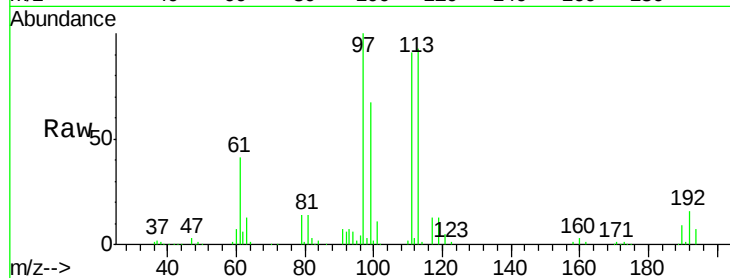
Tgt Ion: 113 Resp: 136001

Ion Ratio Lower Upper

113 100

111 102.2 83.5 125.3

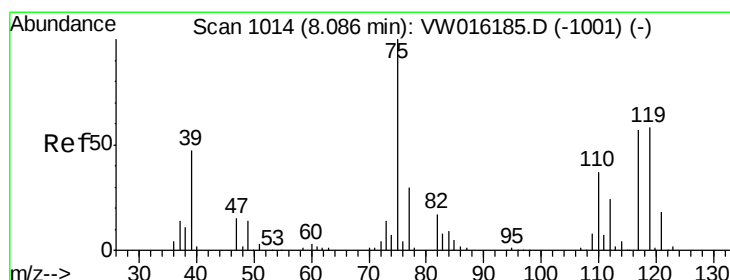
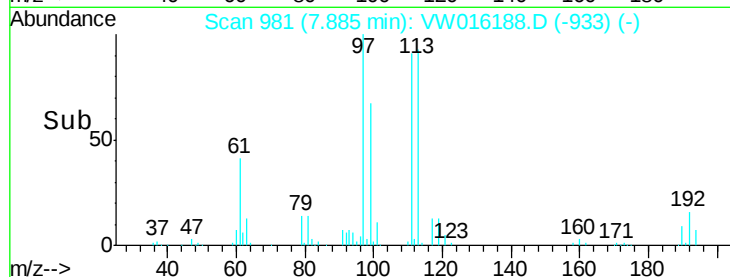
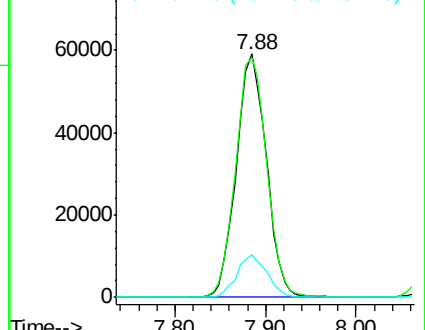
192 17.7 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.929 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

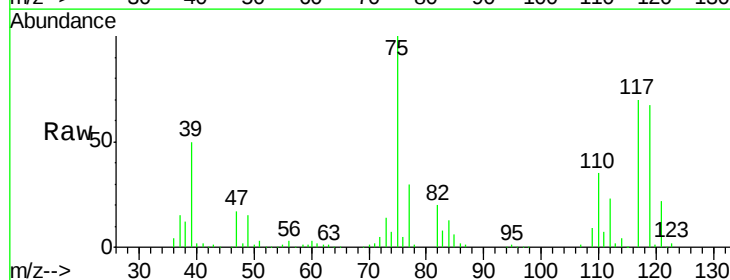
Tgt Ion: 75 Resp: 214063

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.3

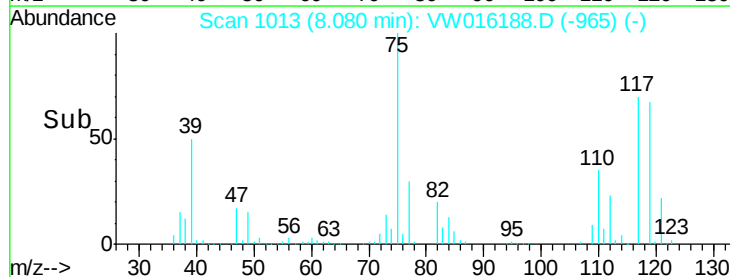
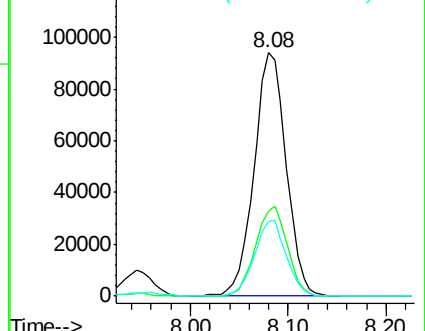
77 30.9 24.7 37.1

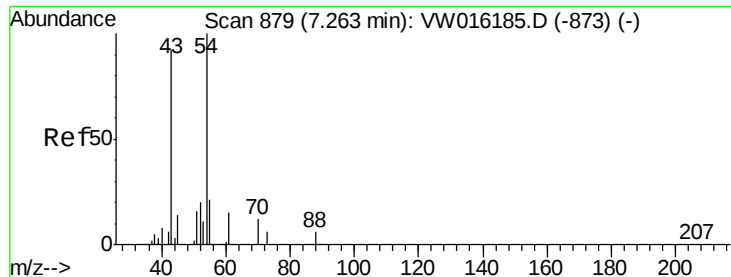


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

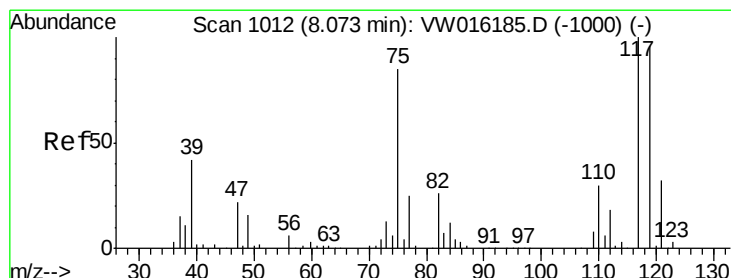
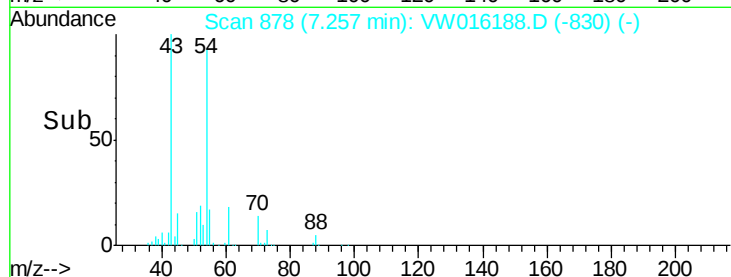
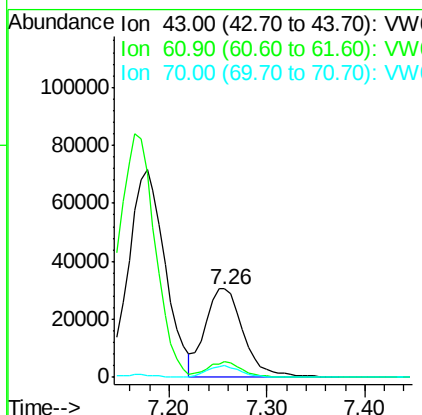
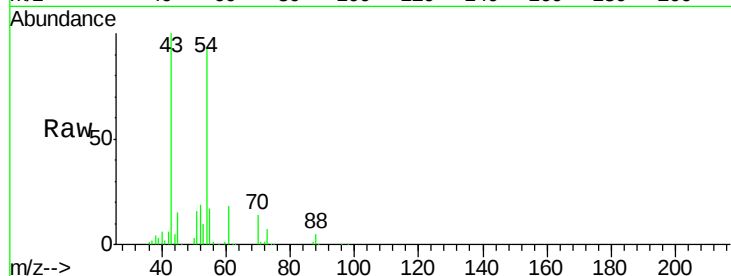




#37
Ethyl Acetate
Concen: 55.753 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

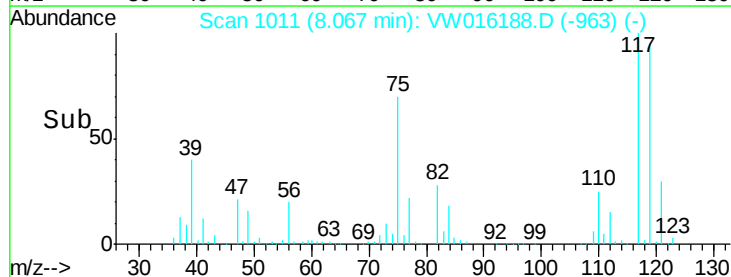
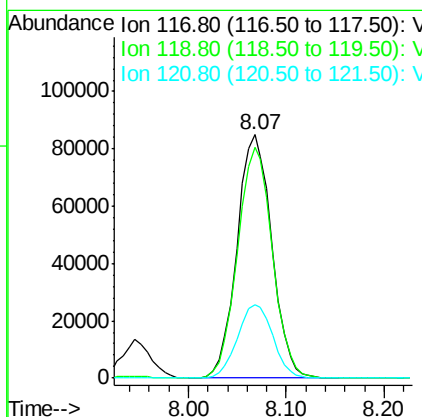
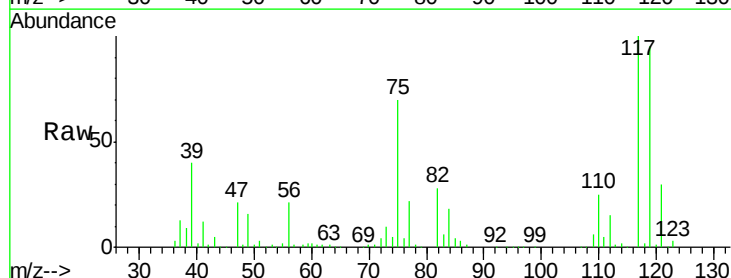
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

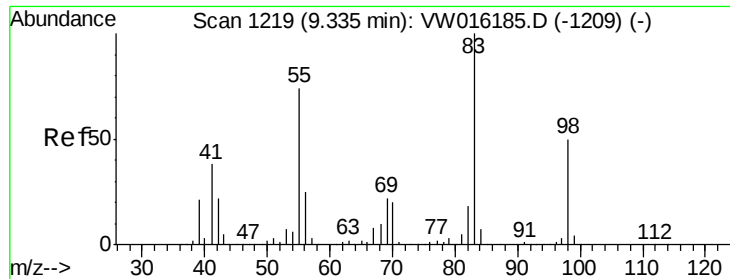
Tgt Ion: 43 Resp: 81955
Ion Ratio Lower Upper
43 100
61 15.4 12.6 18.8
70 12.1 9.8 14.8



#38
Carbon Tetrachloride
Concen: 48.855 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 117 Resp: 209027
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0
121 30.2 25.4 38.0

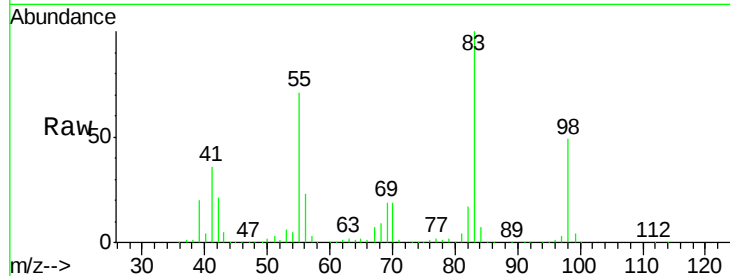




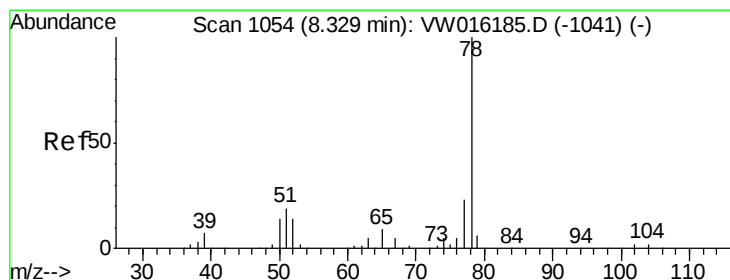
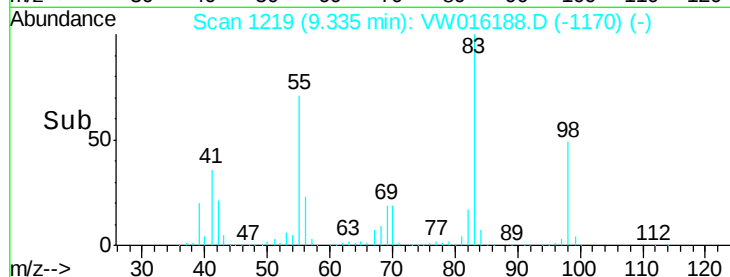
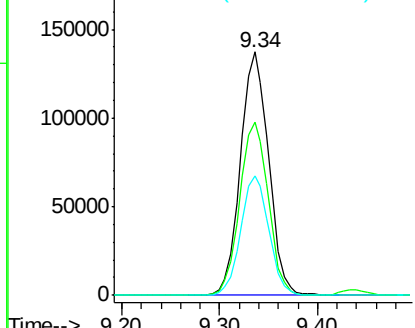
#39
Methylcyclohexane
Concen: 53.170 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tgt Ion: 83 Resp: 274588
Ion Ratio Lower Upper
83 100
55 71.1 59.2 88.8
98 49.0 40.2 60.2

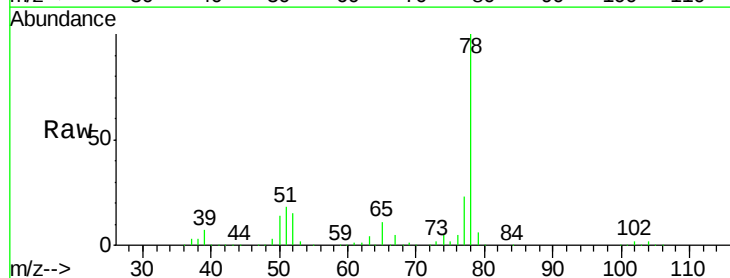


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

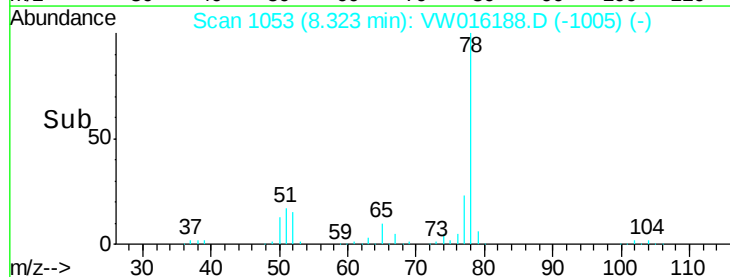
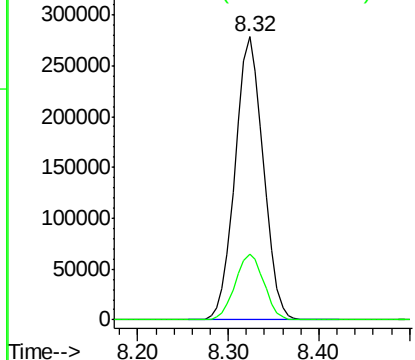


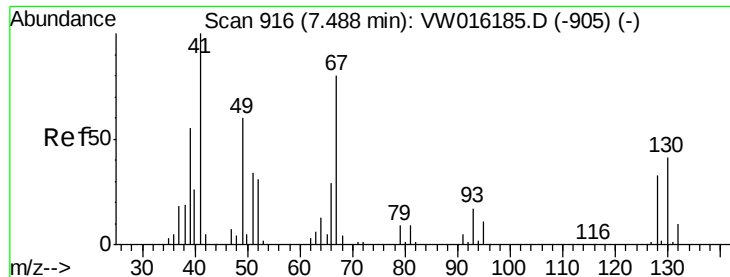
#40
Benzene
Concen: 49.792 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 78 Resp: 600546
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 56.523 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tgt Ion: 41 Resp: 47419

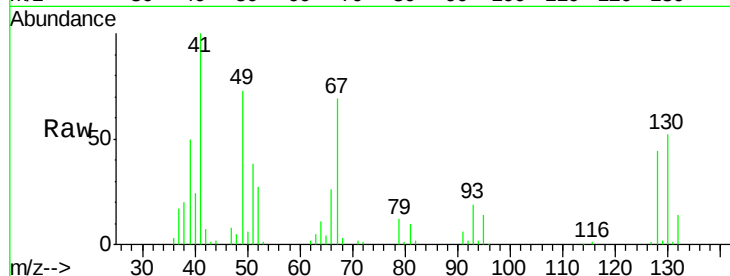
Ion Ratio Lower Upper

41 100

39 58.0 43.4 65.2

67 76.9 61.5 92.3

52 30.7 24.3 36.5

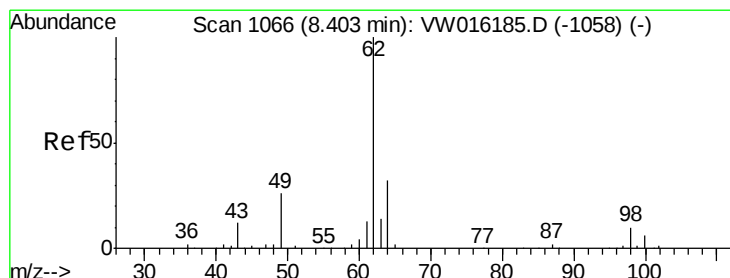
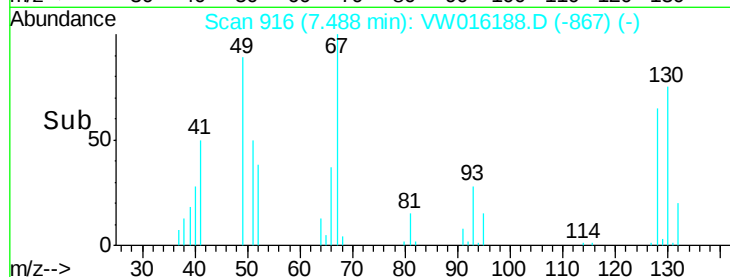
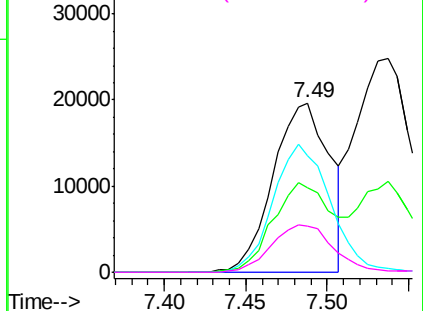


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.708 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016188.D

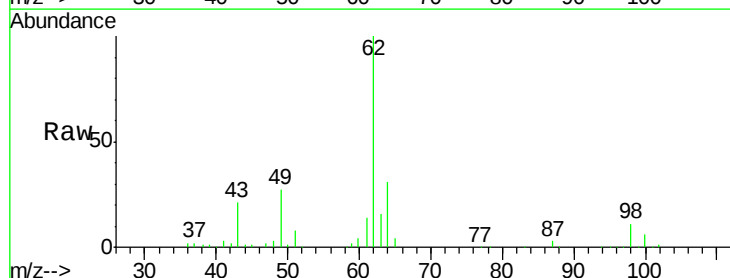
Acq: 14 Aug 2020 13:18

Tgt Ion: 62 Resp: 161529

Ion Ratio Lower Upper

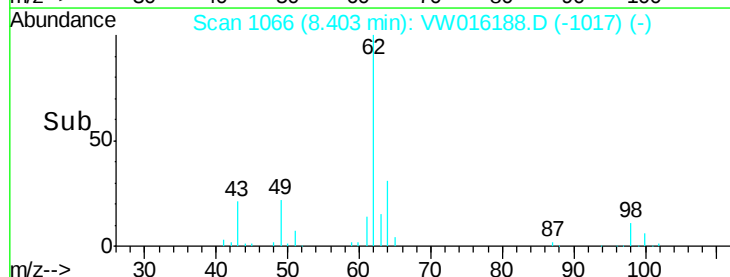
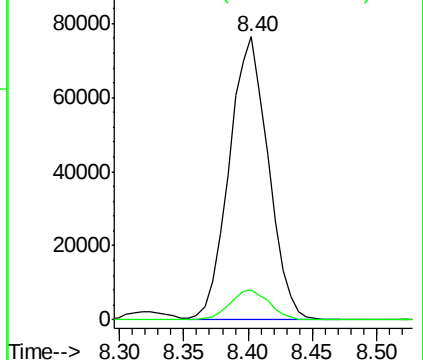
62 100

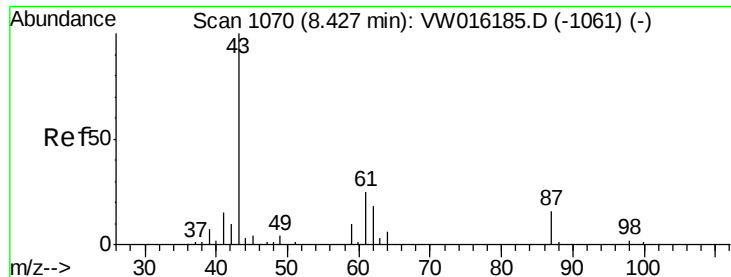
98 10.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.041 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

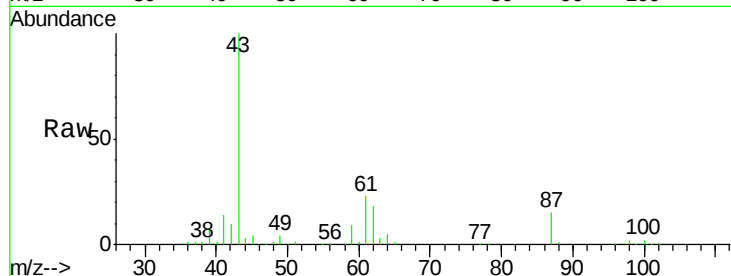
Tgt Ion: 43 Resp: 154982

Ion Ratio Lower Upper

43 100

61 33.1 26.9 40.3

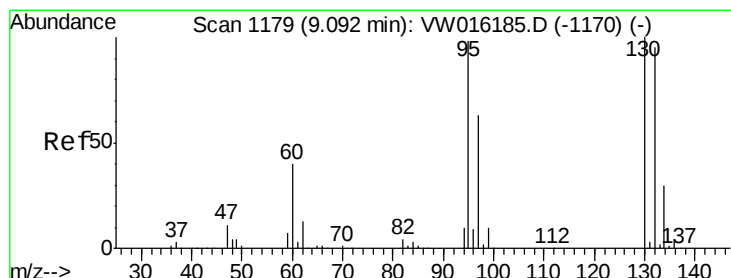
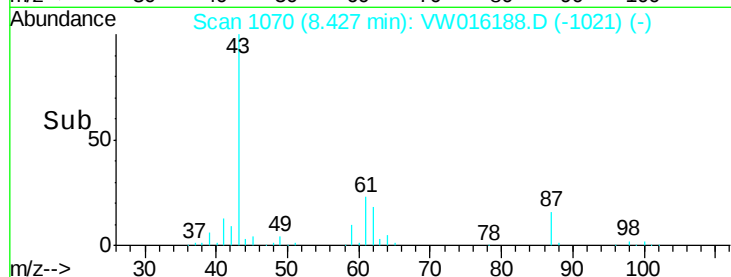
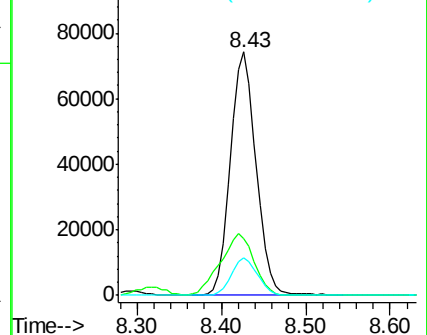
87 15.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 47.282 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016188.D

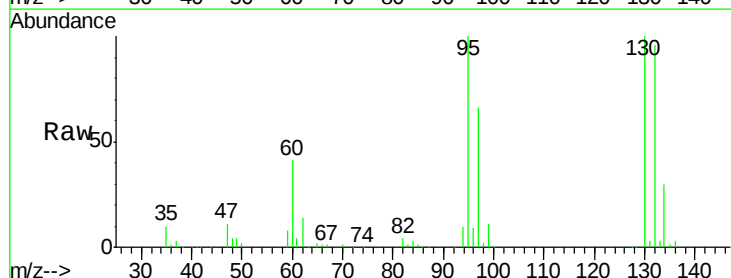
Acq: 14 Aug 2020 13:18

Tgt Ion: 130 Resp: 161513

Ion Ratio Lower Upper

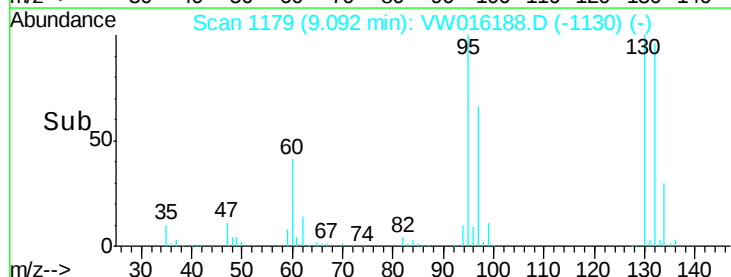
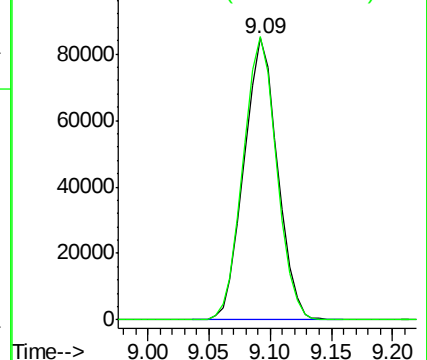
130 100

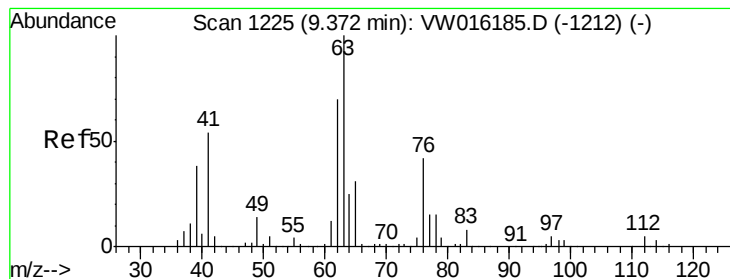
95 100.5 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.643 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

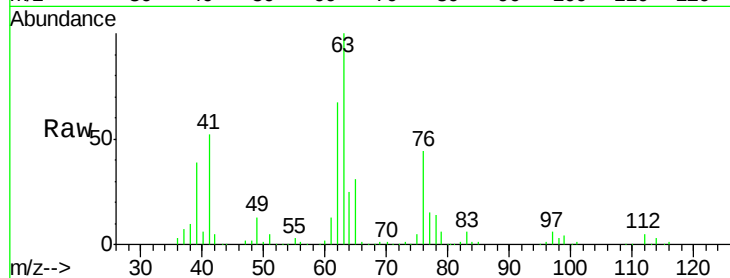
ICVW081420

Tgt Ion: 63 Resp: 141141

Ion Ratio Lower Upper

63 100

65 30.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

80000

60000

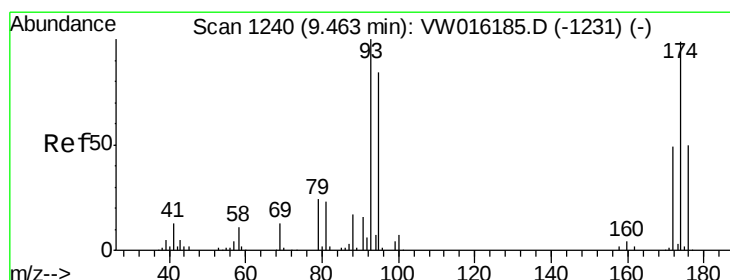
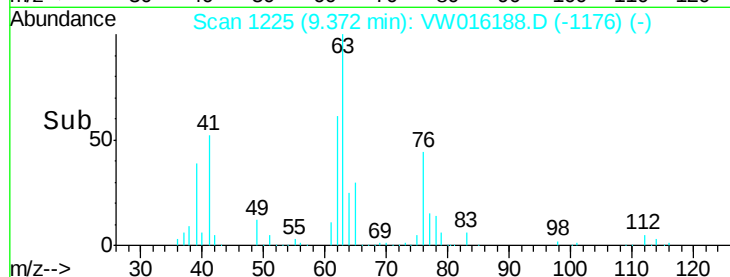
40000

20000

0

Time-->

9.30 9.40



#46

Dibromomethane

Concen: 52.457 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

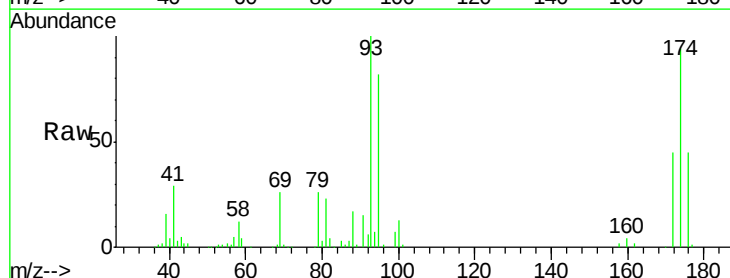
Tgt Ion: 93 Resp: 78300

Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 94.7 77.0 115.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

9.46

50000

40000

30000

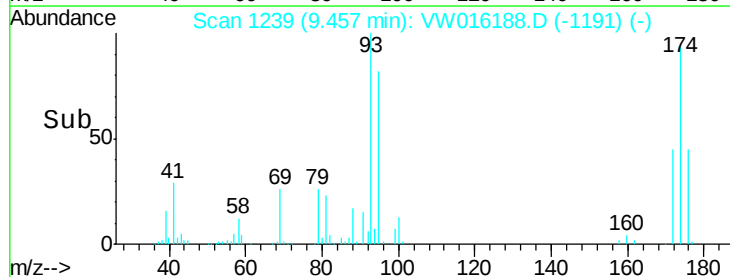
20000

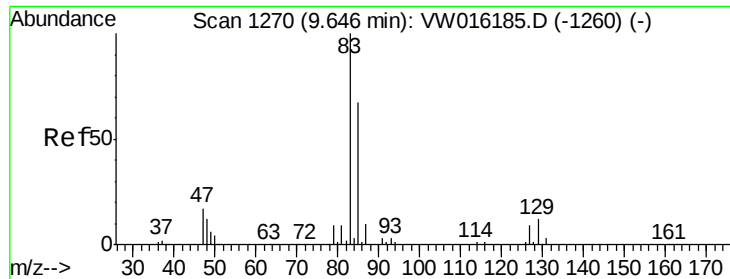
10000

0

Time-->

9.40 9.50 9.60

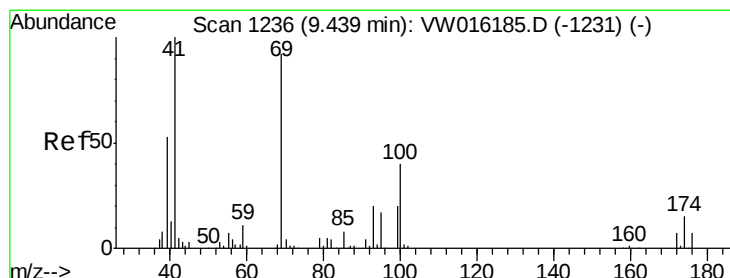
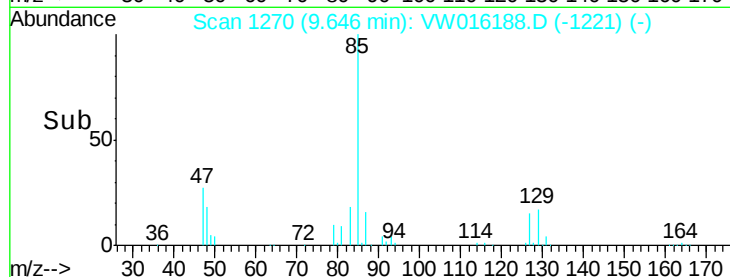
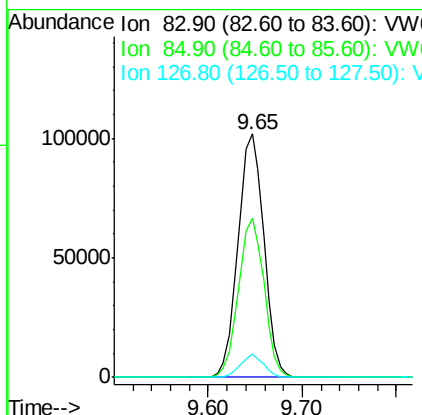
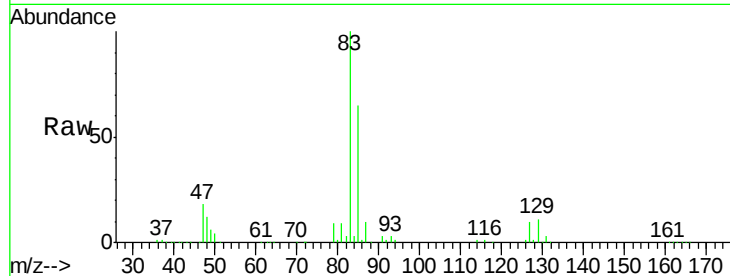




#47
 Bromodichloromethane
 Concen: 50.636 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

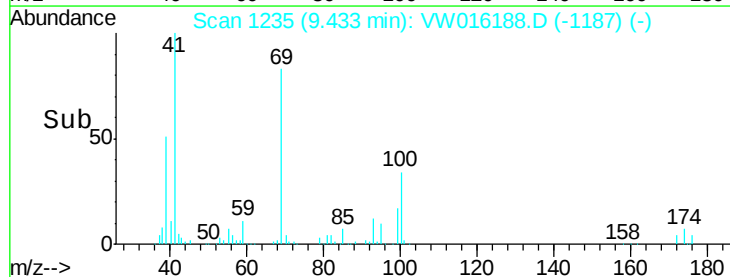
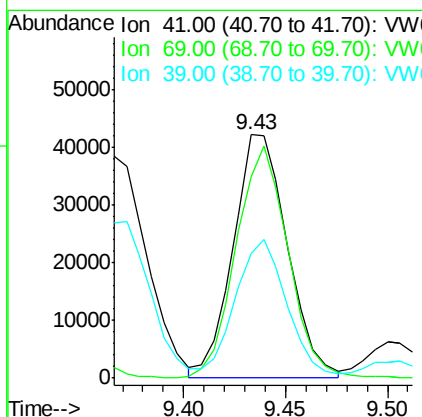
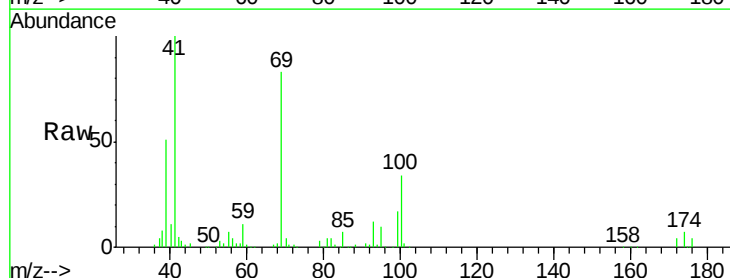
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

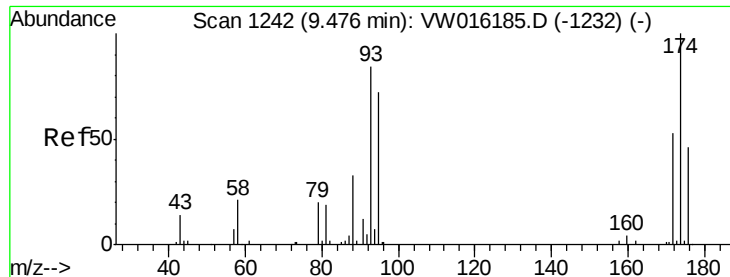
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.3	79.9
127	9.5	7.4	11.2



#48
 Methyl methacrylate
 Concen: 60.519 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.6	77.4	116.0
39	50.7	42.2	63.2

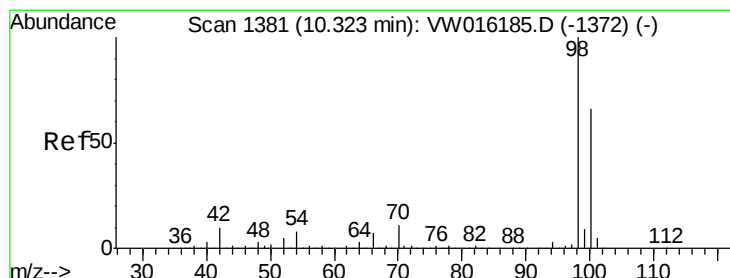
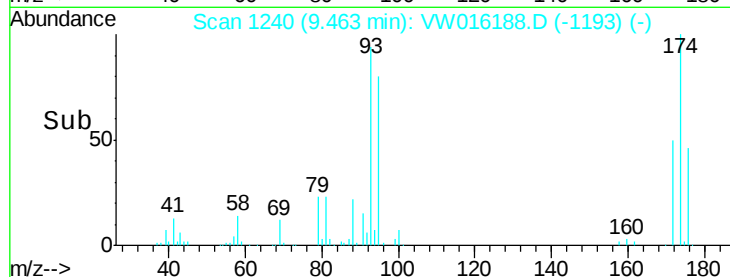
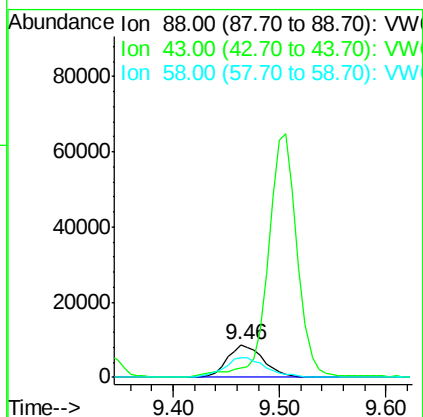
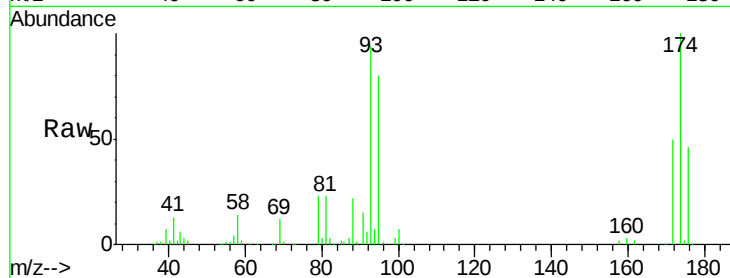




#49
1,4-Dioxane
Concen: 1097.333 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

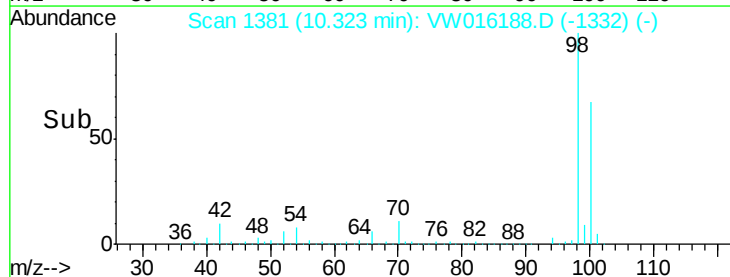
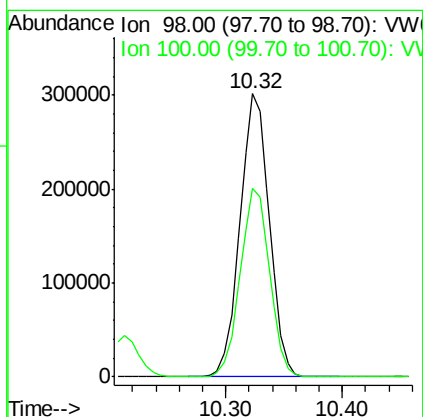
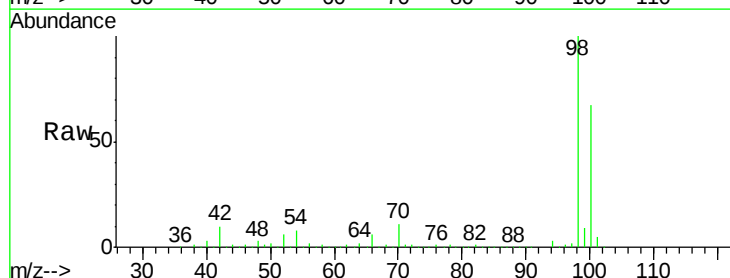
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

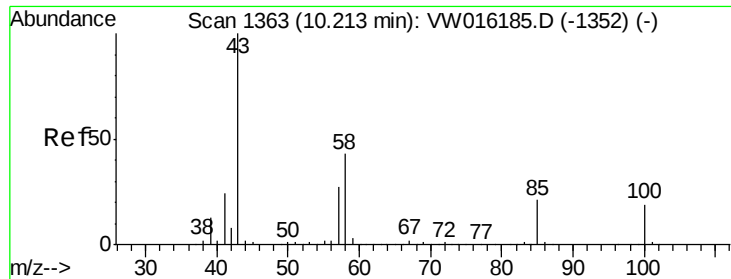
Tgt Ion: 88 Resp: 20625
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.9 56.6 84.8



#50
Toluene-d8
Concen: 50.831 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 98 Resp: 528348
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 284.486 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

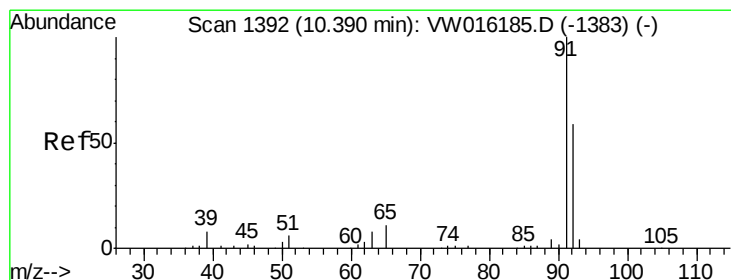
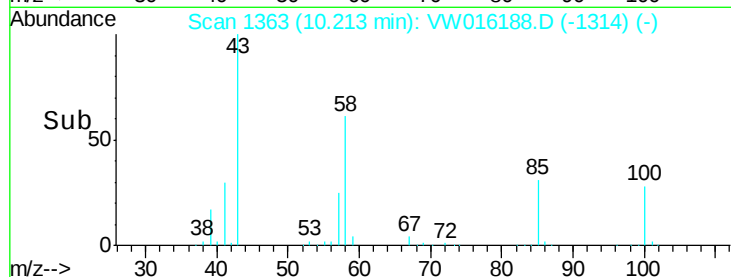
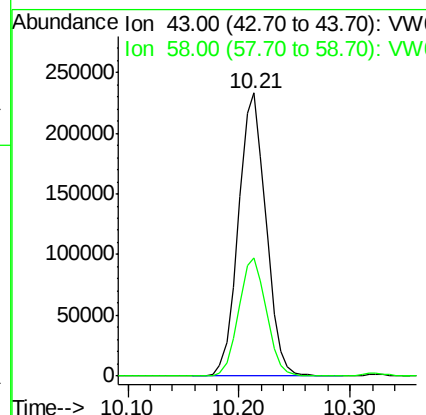
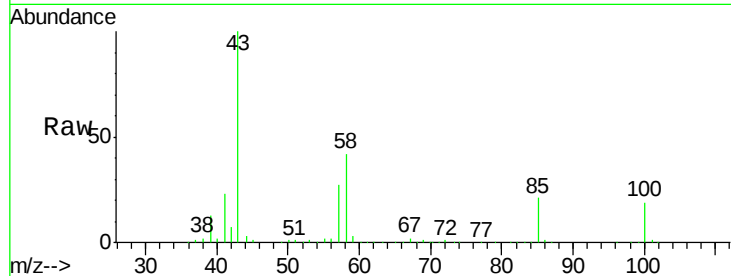
ICVW081420

Tgt Ion: 43 Resp: 397911

Ion Ratio Lower Upper

43 100

58 42.1 33.7 50.5



#52

Toluene

Concen: 50.771 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016188.D

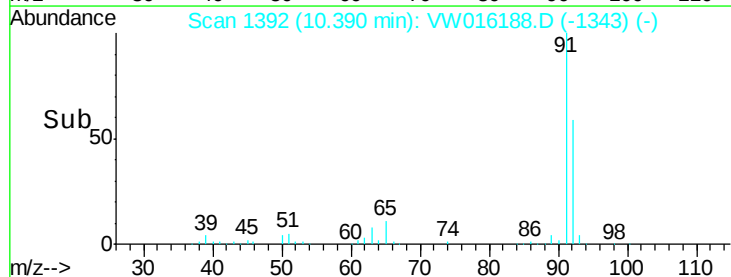
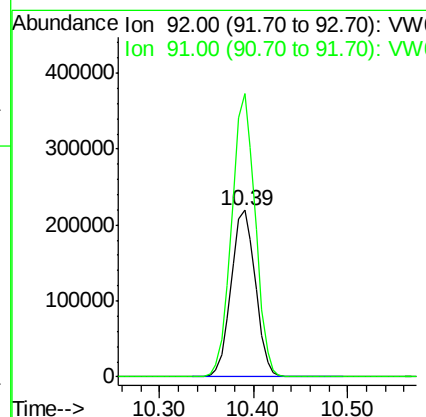
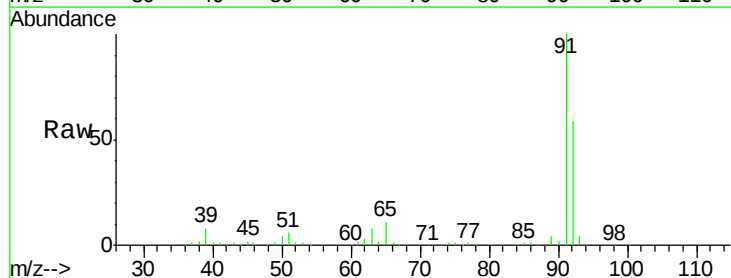
Acq: 14 Aug 2020 13:18

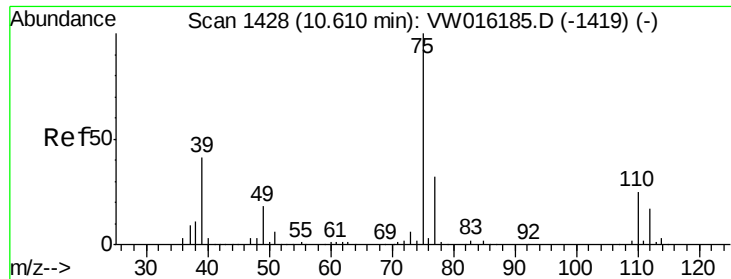
Tgt Ion: 92 Resp: 392120

Ion Ratio Lower Upper

92 100

91 165.5 133.3 199.9

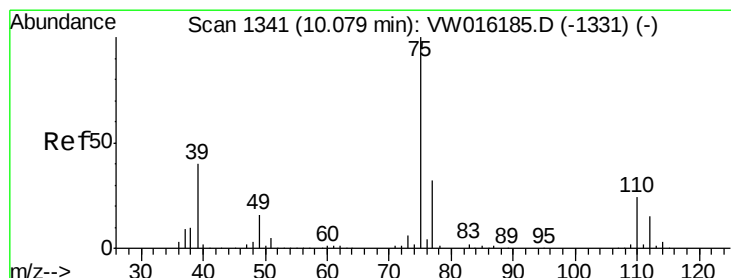
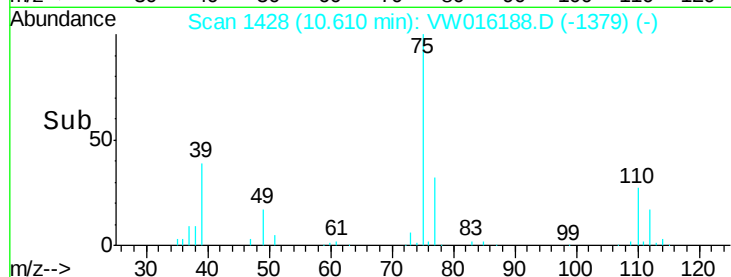
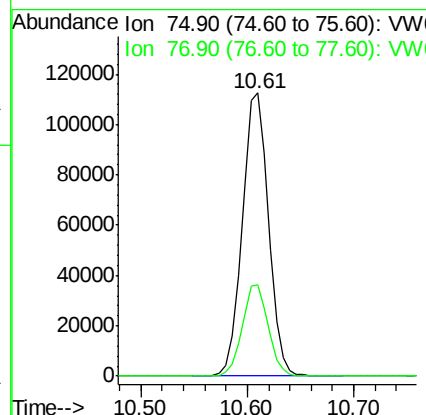
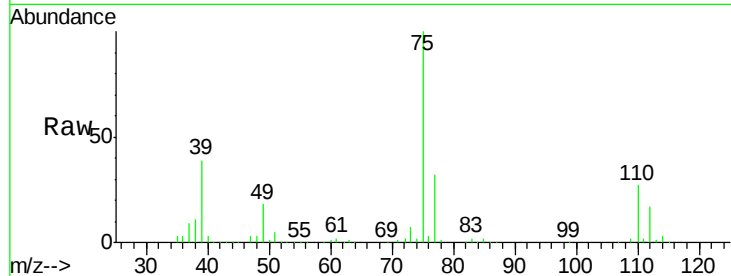




#53
 t-1,3-Dichloropropene
 Concen: 54.456 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

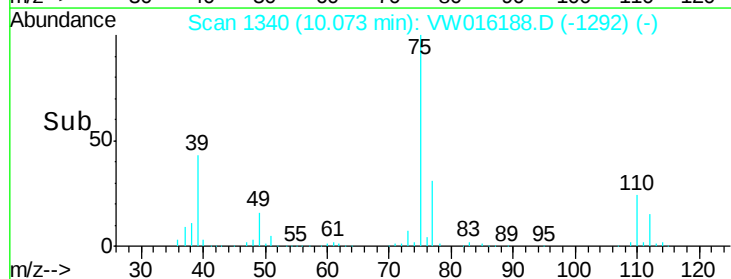
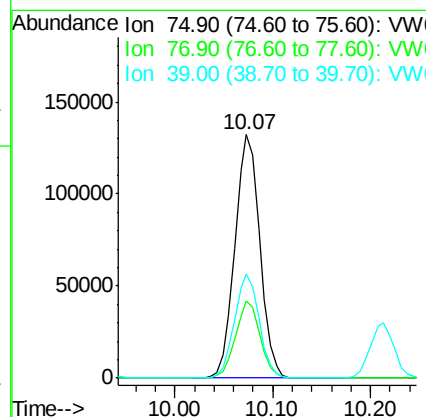
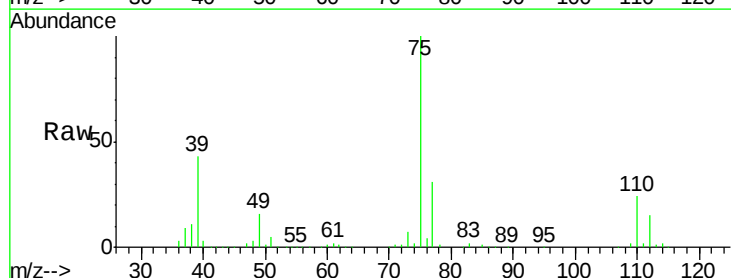
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

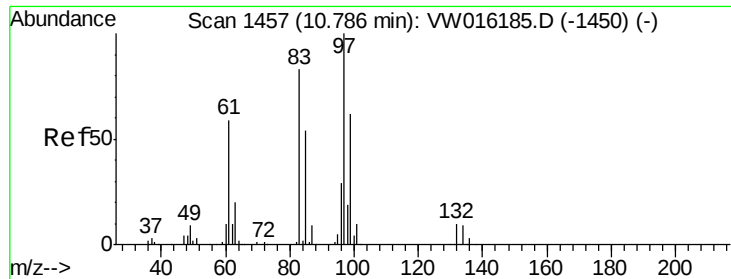
Tgt Ion: 75 Resp: 194451
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.546 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion: 75 Resp: 233197
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 42.5 32.3 48.5

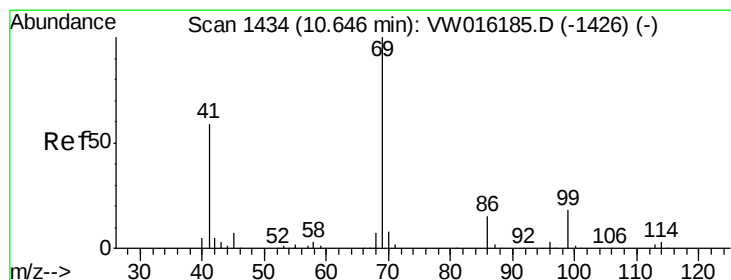
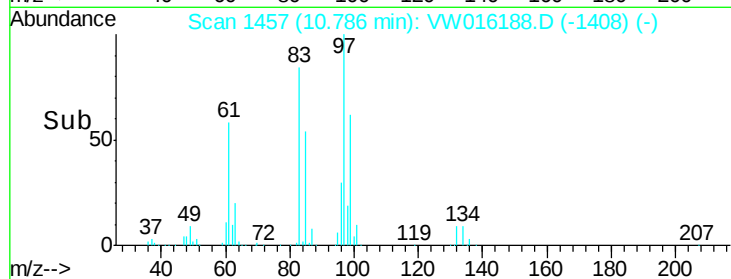
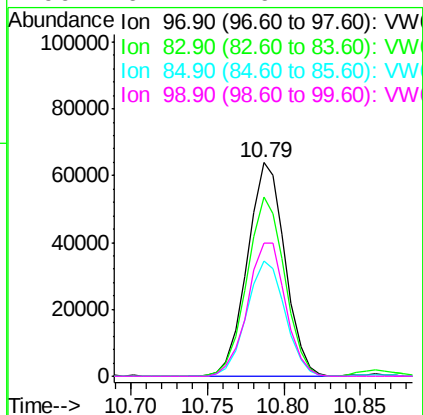
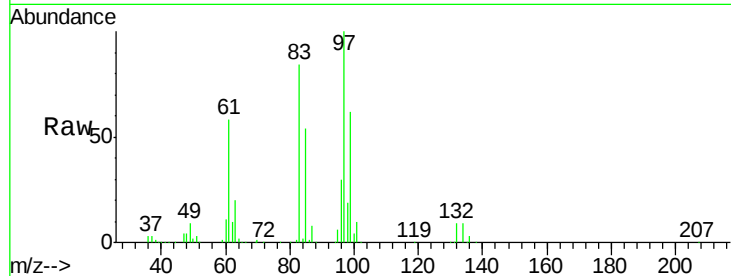




#55
 1,1,2-Trichloroethane
 Concen: 51.067 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

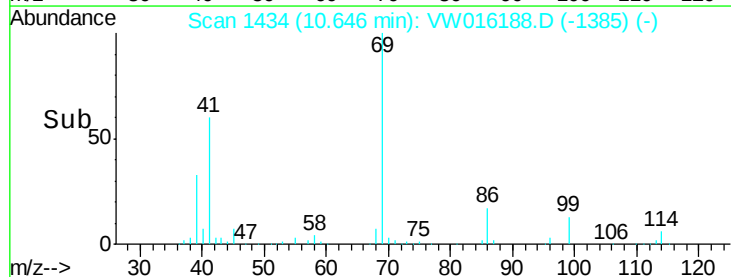
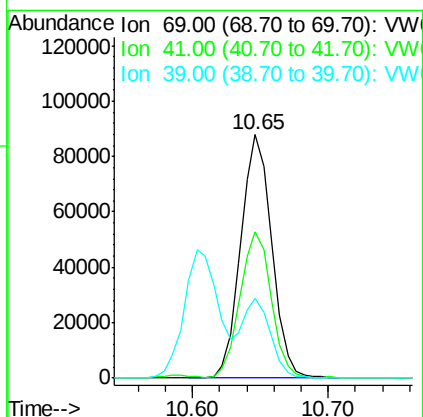
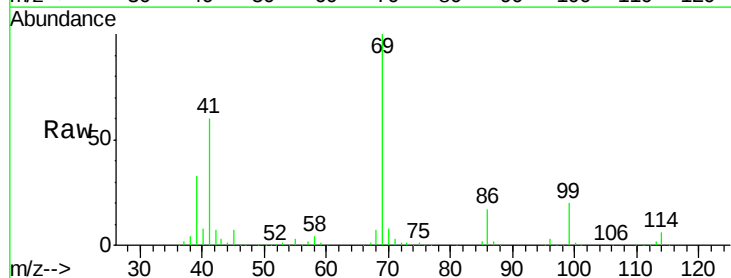
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

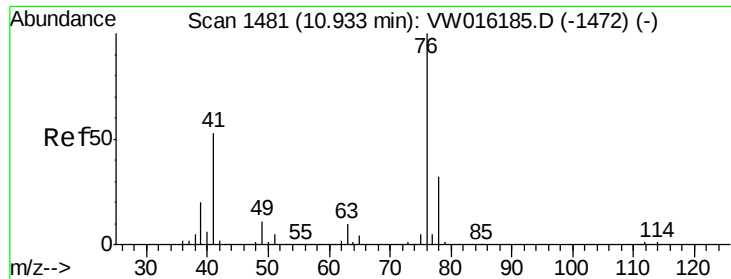
Tgt Ion:	97	Resp:	109373
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.6	100.0
85	54.1	43.0	64.4
99	62.4	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 57.512 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion:	69	Resp:	140469
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.6	71.4
39	30.9	24.6	36.8

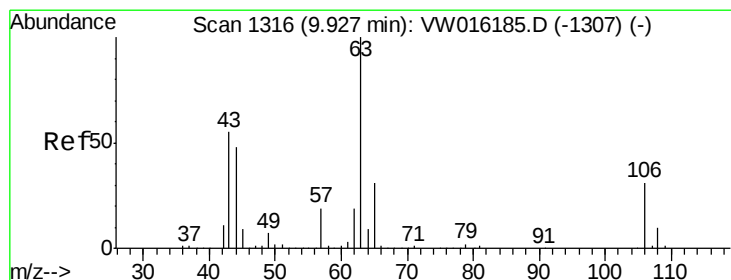
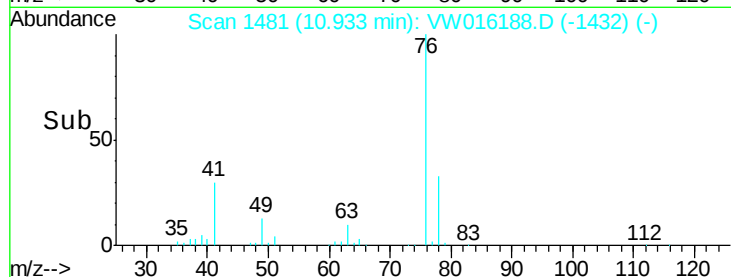
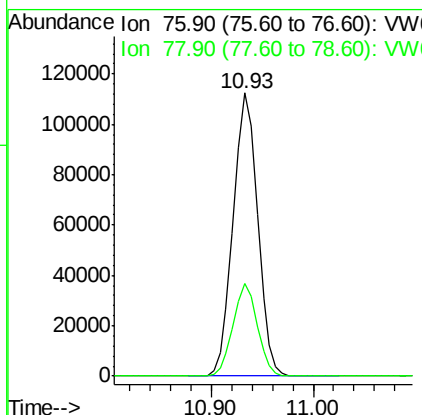
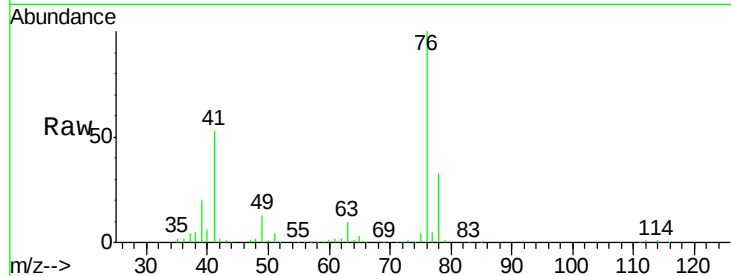




#57
 1,3-Dichloropropane
 Concen: 51.369 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

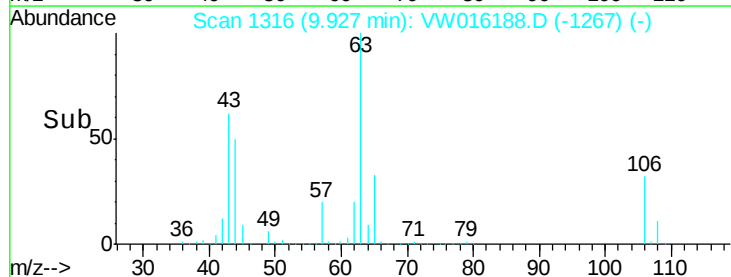
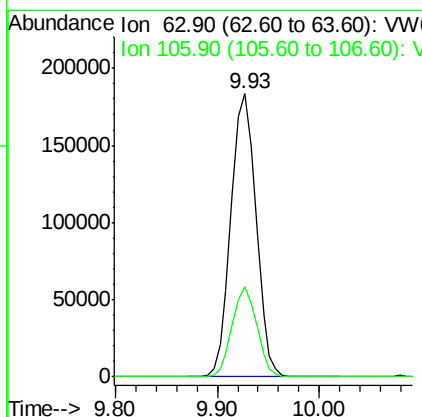
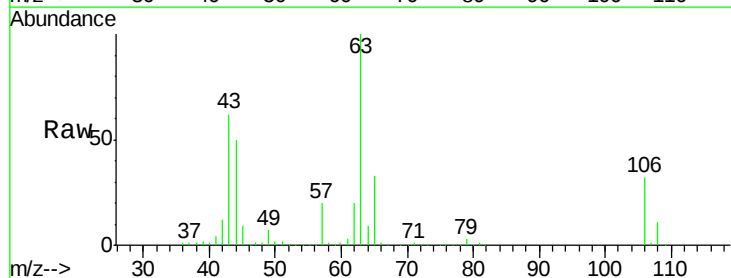
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

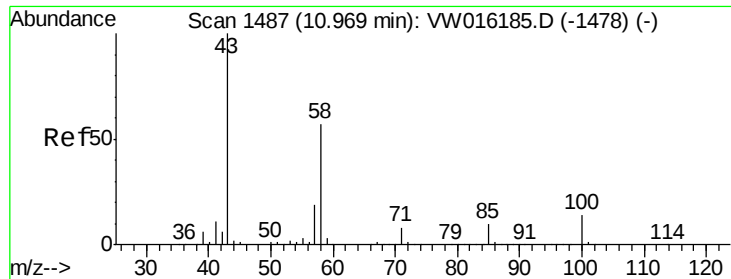
Tgt Ion: 76 Resp: 187188
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.298 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion: 63 Resp: 313248
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.9 37.3





#59

2-Hexanone

Concen: 293.871 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

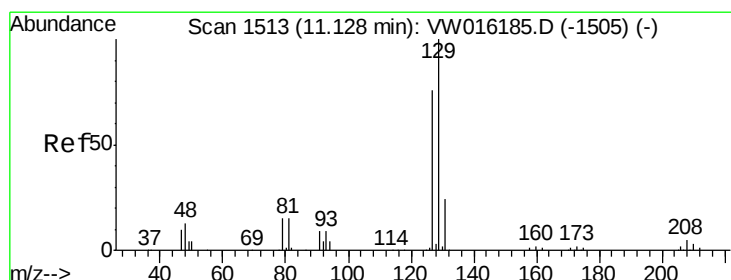
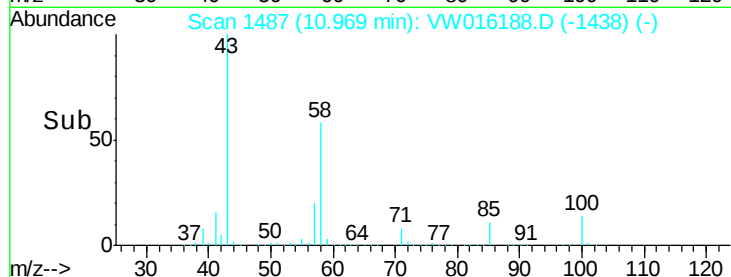
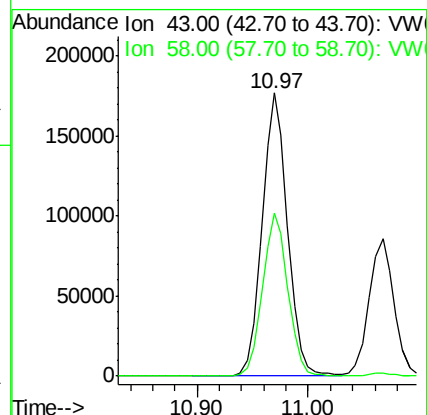
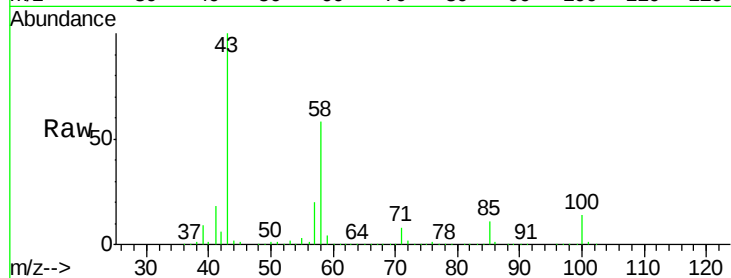
ICVW081420

Tgt Ion: 43 Resp: 281194

Ion Ratio Lower Upper

43 100

58 57.4 28.8 86.5



#60

Dibromochloromethane

Concen: 52.235 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW016188.D

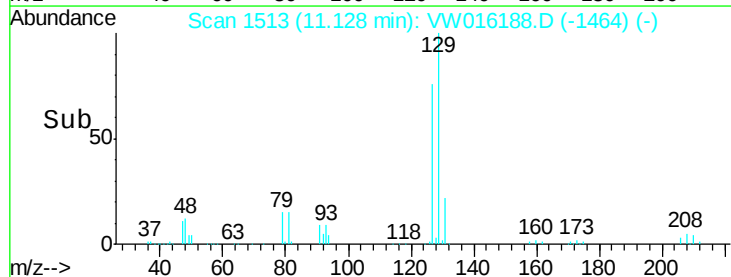
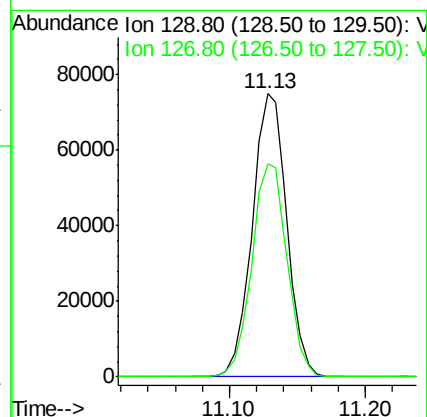
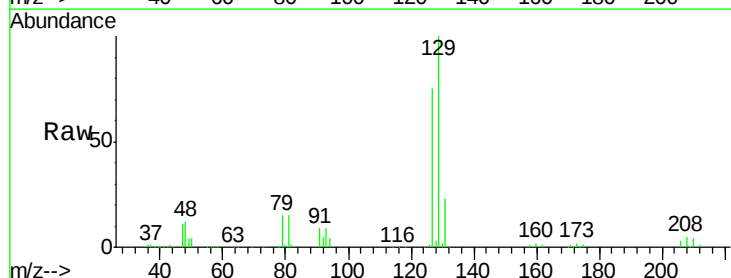
Acq: 14 Aug 2020 13:18

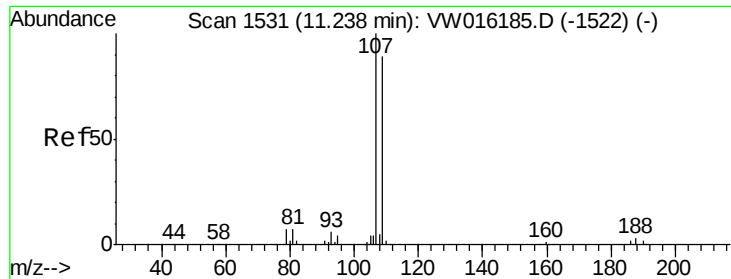
Tgt Ion: 129 Resp: 133086

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.8

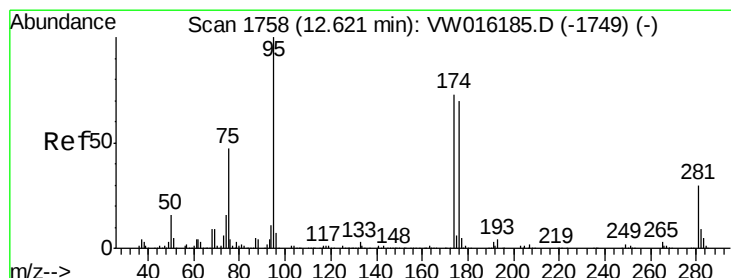
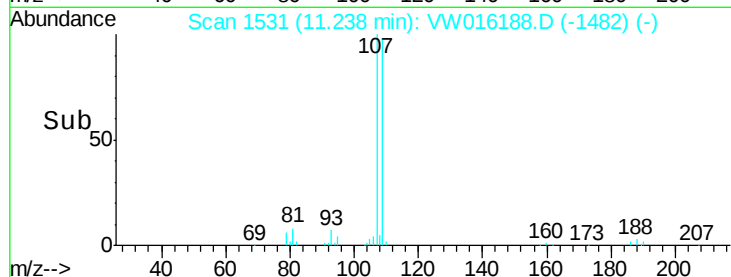
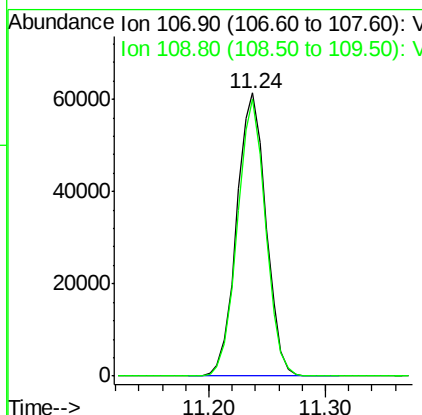
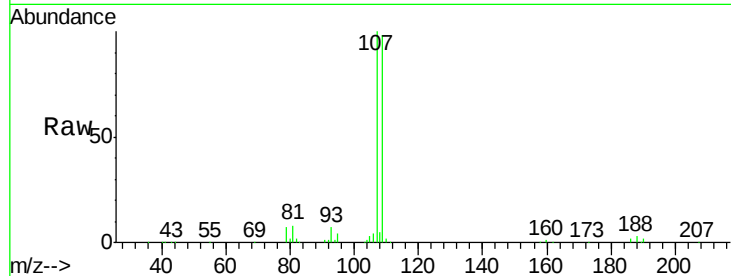




#61
 1,2-Dibromoethane
 Concen: 52.242 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

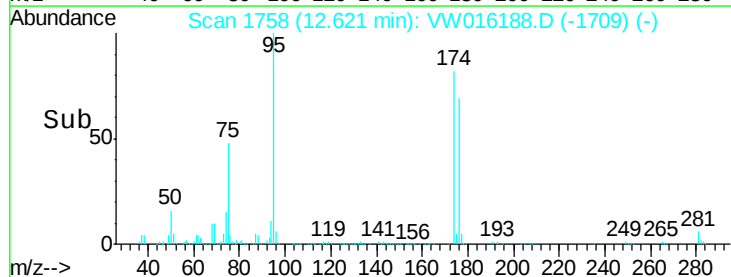
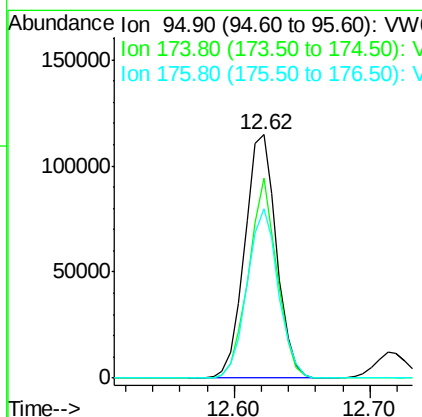
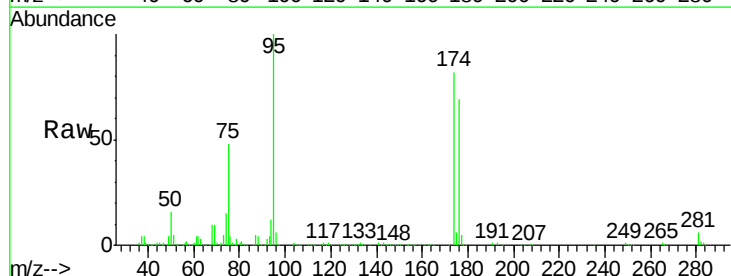
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

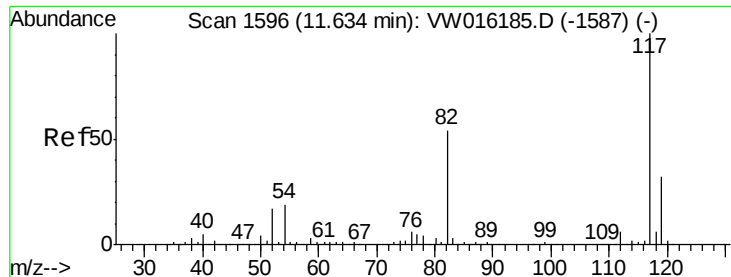
Tgt Ion: 107 Resp: 107709
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.339 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion: 95 Resp: 187029
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 145.6
 176 68.5 0.0 137.8

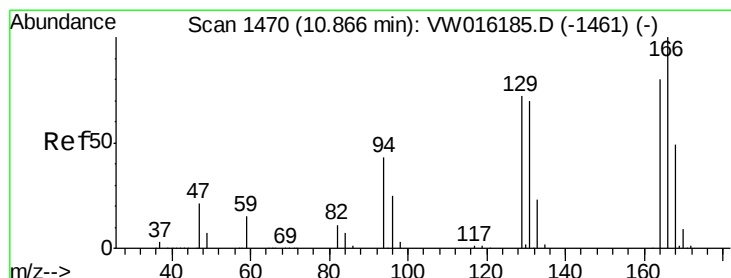
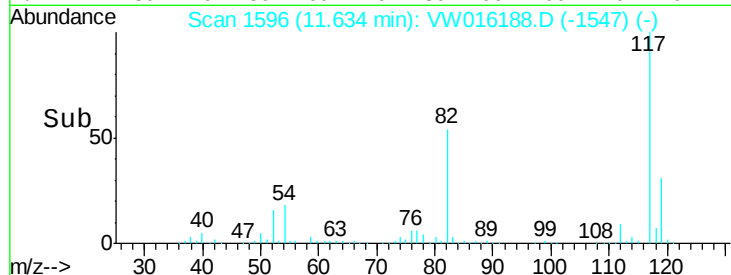
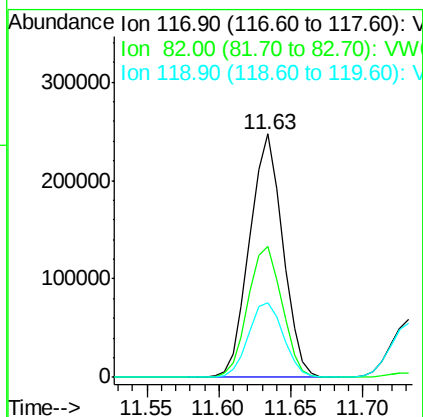
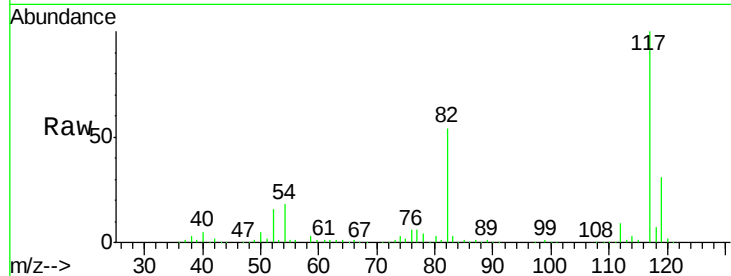




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

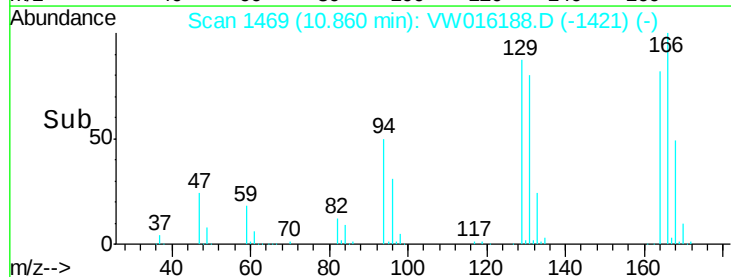
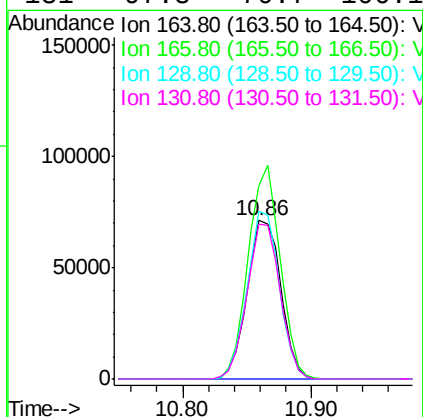
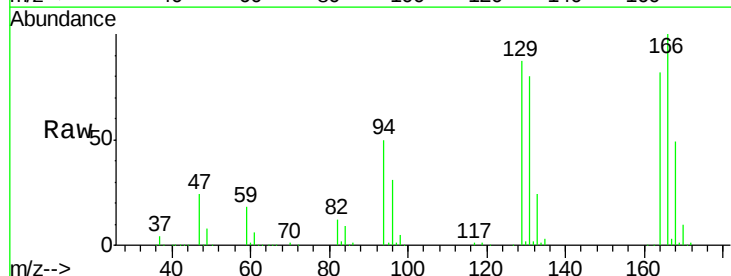
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

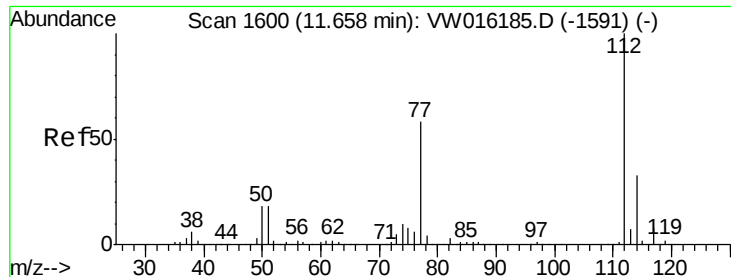
Tgt Ion:117 Resp: 394861
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 30.8 25.4 38.0



#64
Tetrachloroethene
Concen: 49.660 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion:164 Resp: 128664
Ion Ratio Lower Upper
164 100
166 121.8 100.3 150.5
129 106.2 72.2 108.4
131 97.8 70.7 106.1

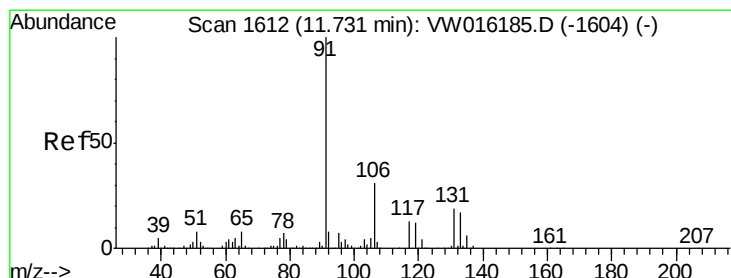
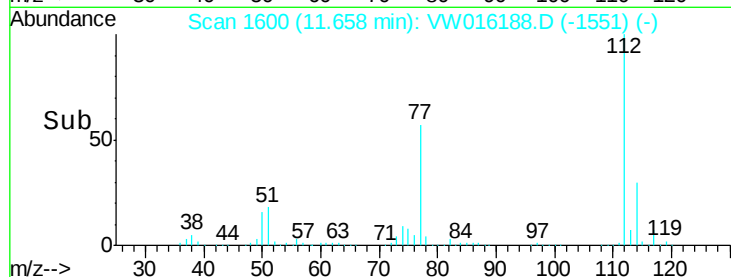
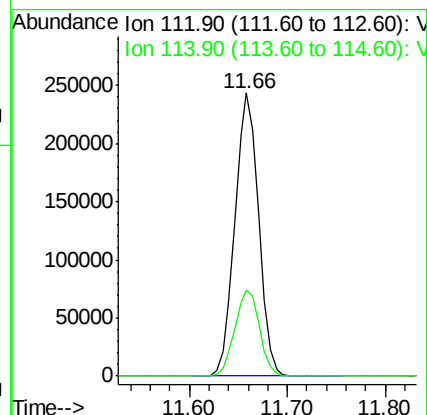
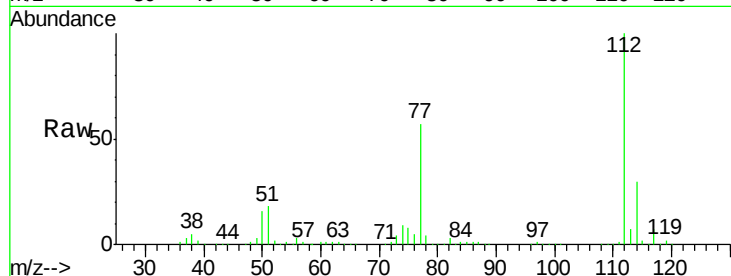




#65
Chlorobenzene
Concen: 50.438 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

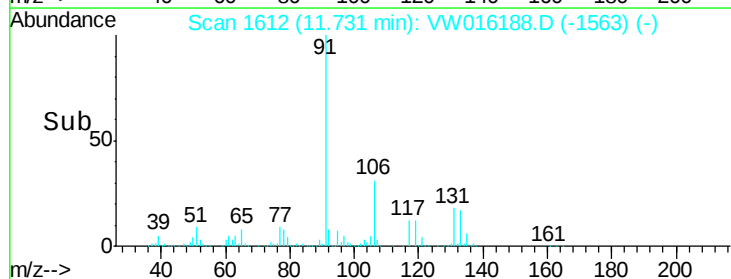
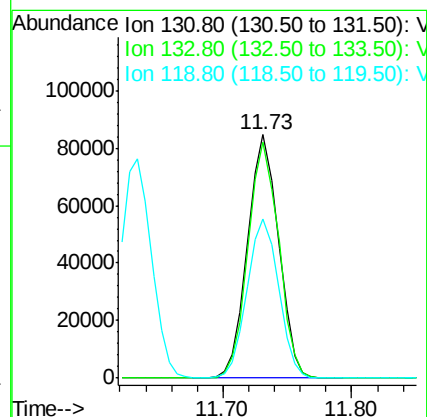
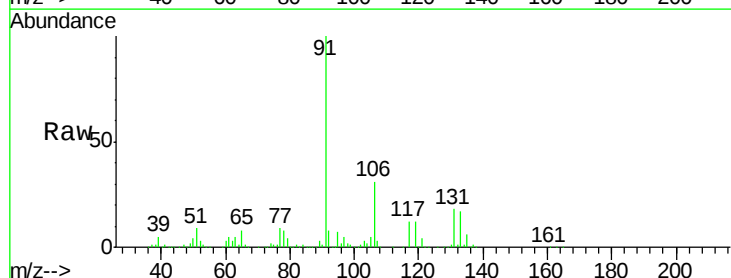
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

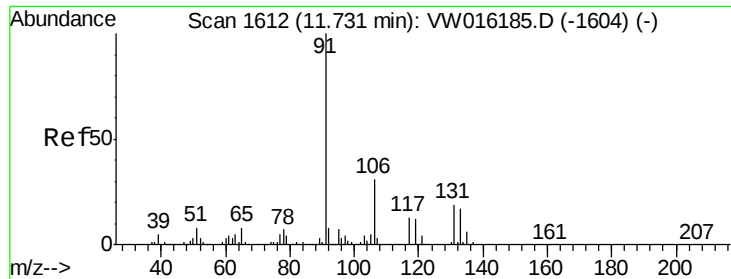
Tgt Ion:112 Resp: 408204
Ion Ratio Lower Upper
112 100
114 30.3 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.796 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion:131 Resp: 140868
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 66.7 33.1 99.3

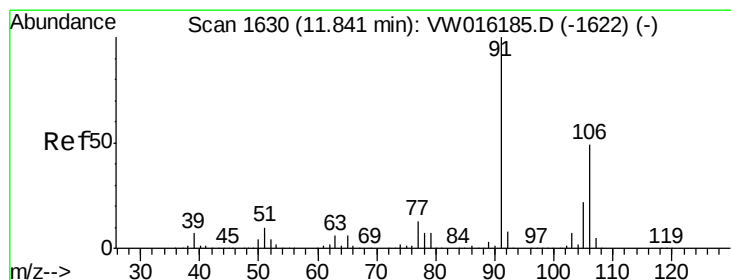
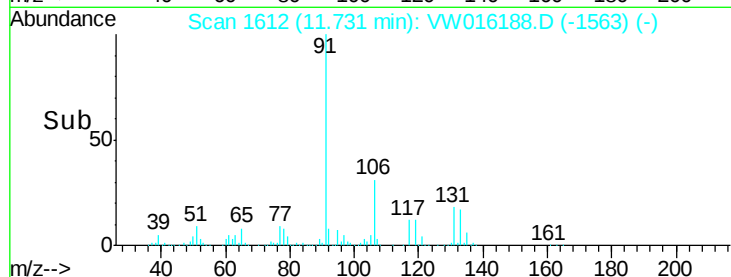
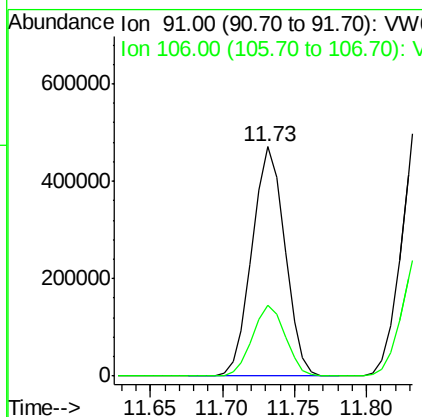
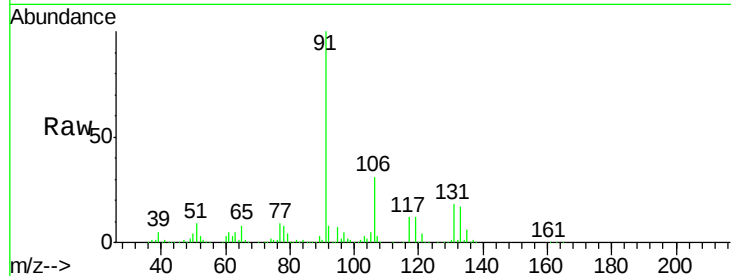




#67
Ethyl Benzene
Concen: 51.138 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

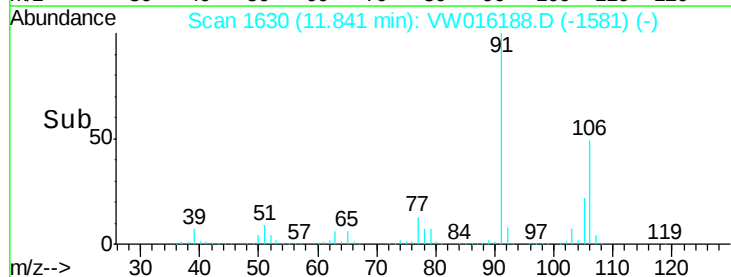
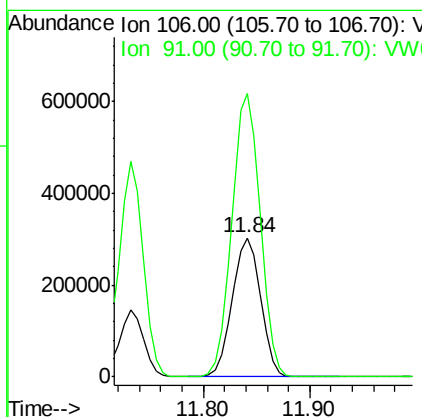
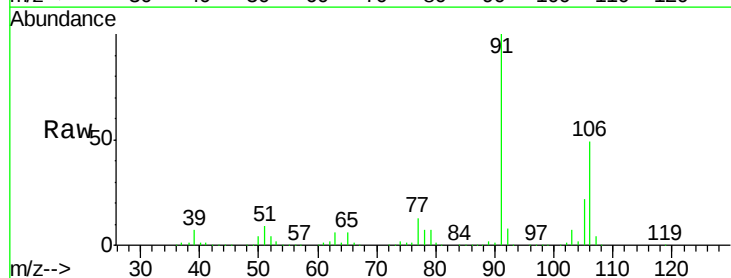
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

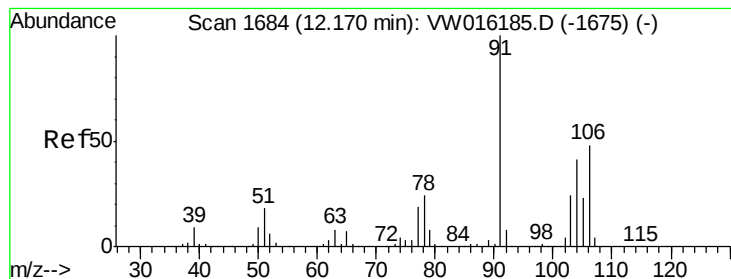
Tgt Ion: 91 Resp: 743818
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 101.461 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 106 Resp: 567241
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.2





#69

o-Xylene

Concen: 52.709 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

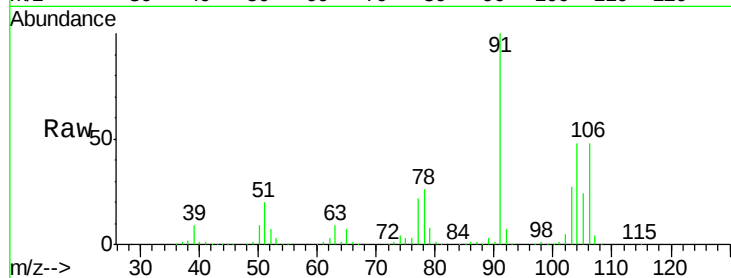
ICVW081420

Tgt Ion:106 Resp: 262536

Ion Ratio Lower Upper

106 100

91 214.1 106.0 317.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

400000

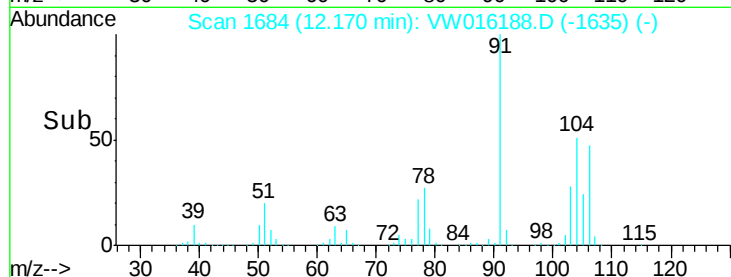
300000

200000

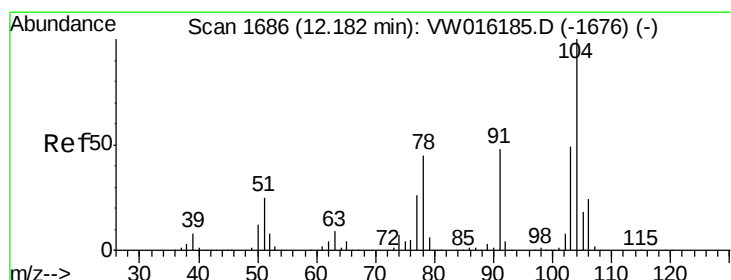
100000

0

12.10 12.20 12.30



Time-->



#70

Styrene

Concen: 53.039 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

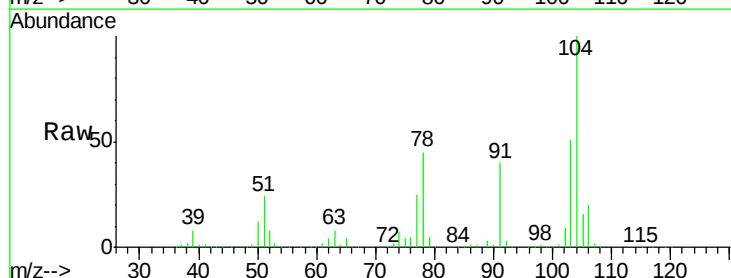
Tgt Ion:104 Resp: 457135

Ion Ratio Lower Upper

104 100

78 49.0 39.4 59.2

103 53.4 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V

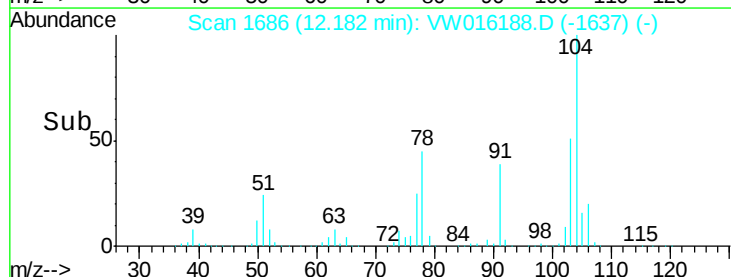
300000

200000

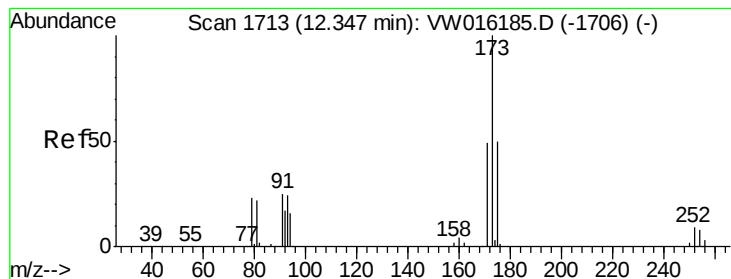
100000

0

12.10 12.20



Time-->



#71

Bromoform

Concen: 55.847 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

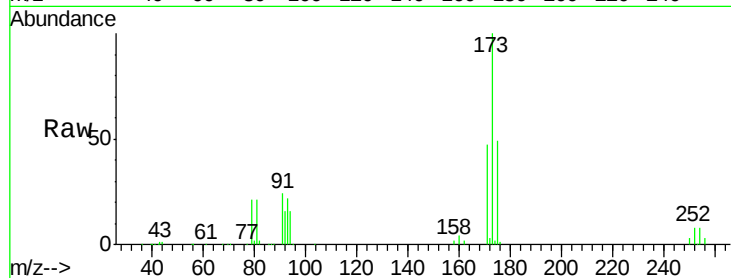
Tgt Ion:173 Resp: 70705

Ion Ratio Lower Upper

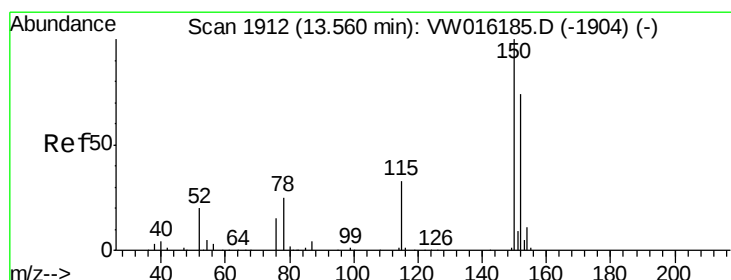
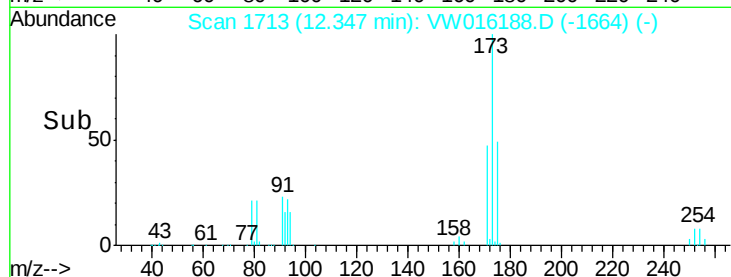
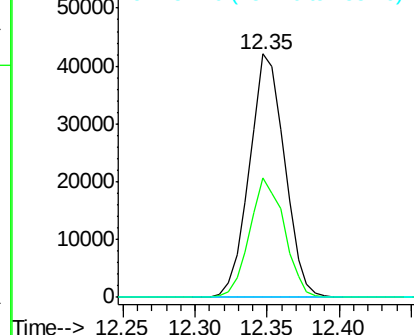
173 100

175 48.5 24.7 74.1

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

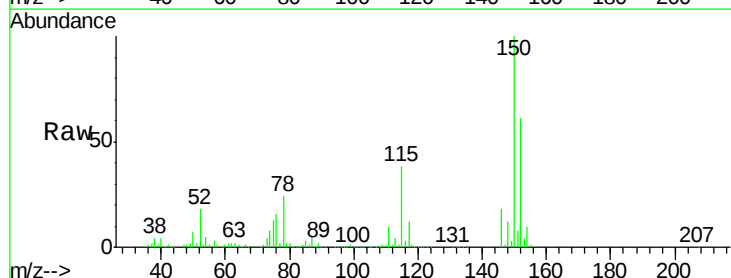
Tgt Ion:152 Resp: 186415

Ion Ratio Lower Upper

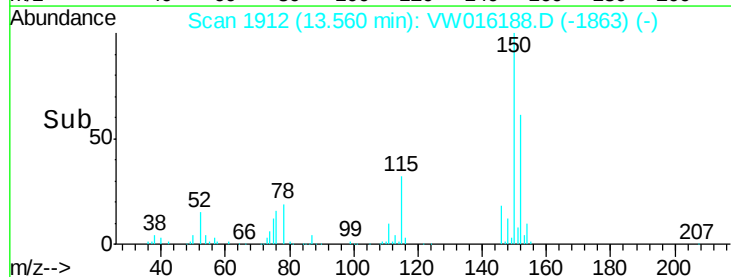
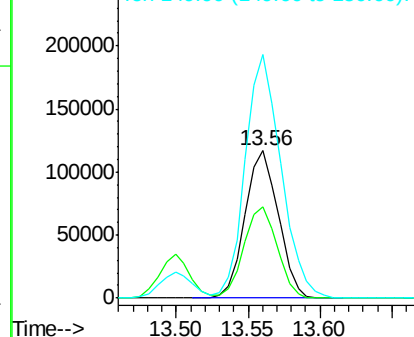
152 100

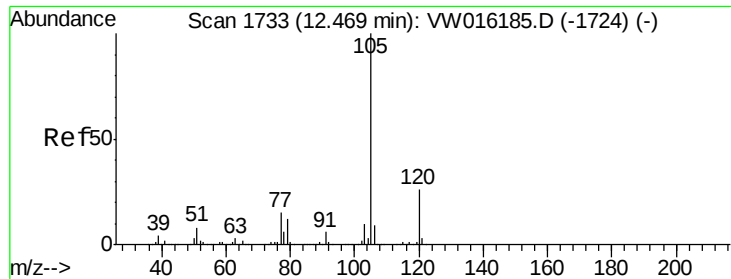
115 61.9 30.9 92.5

150 178.1 0.0 337.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.813 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

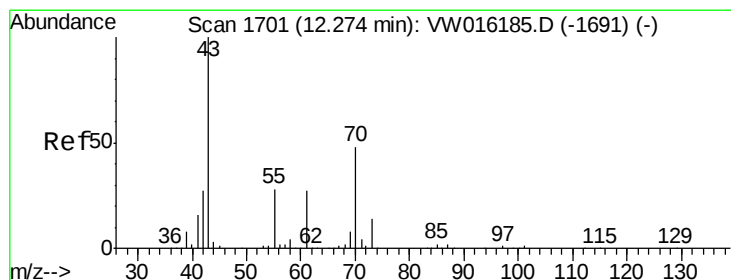
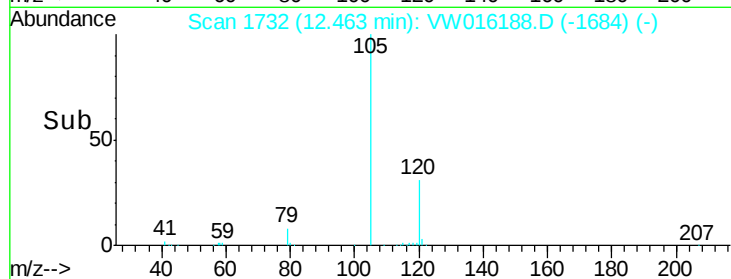
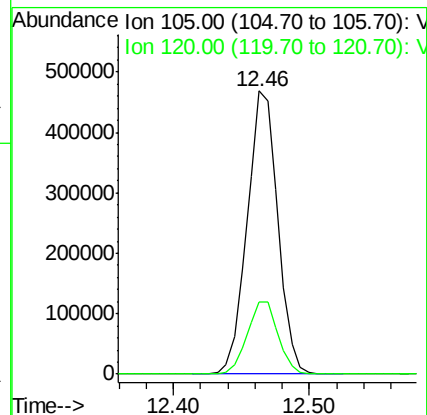
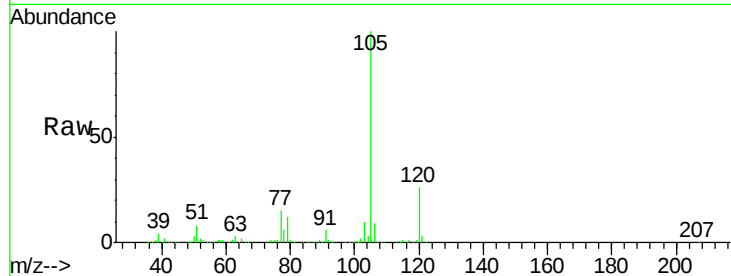
ICVW081420

Tgt Ion: 105 Resp: 736021

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 57.127 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion: 43 Resp: 145329

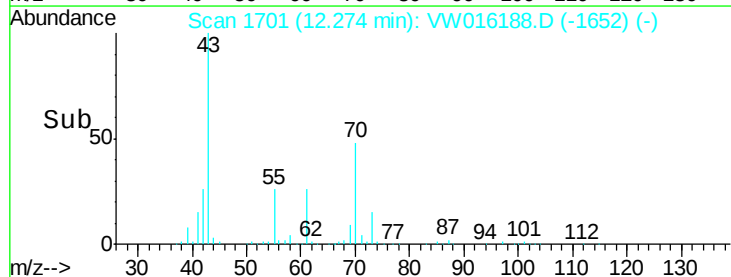
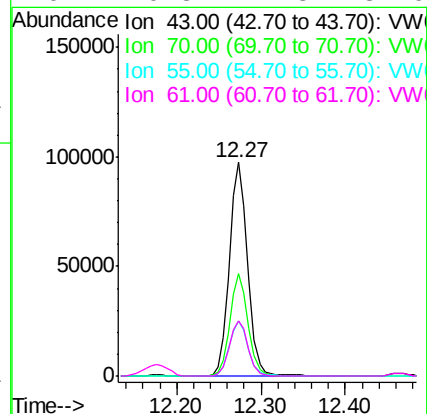
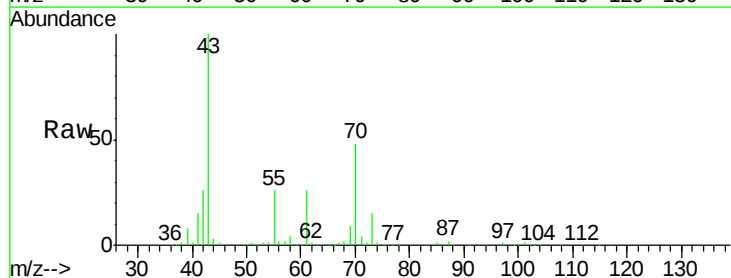
Ion Ratio Lower Upper

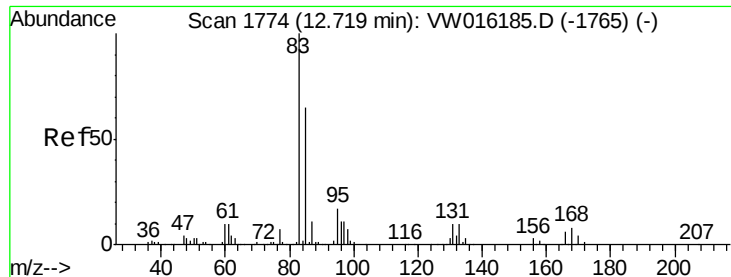
43 100

70 47.0 38.6 58.0

55 26.3 22.2 33.2

61 26.3 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.844 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

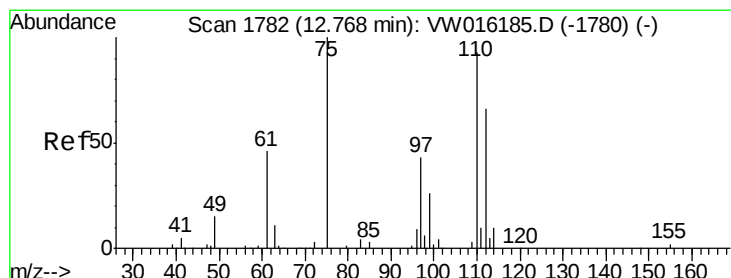
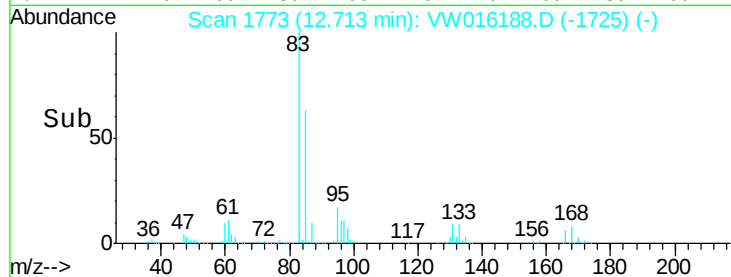
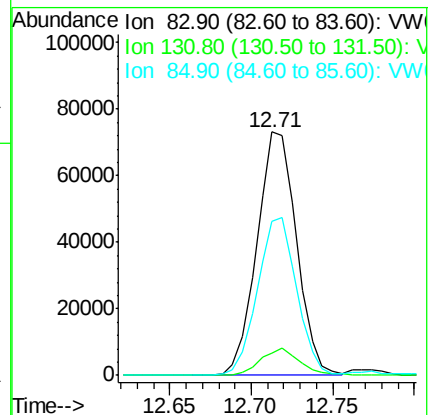
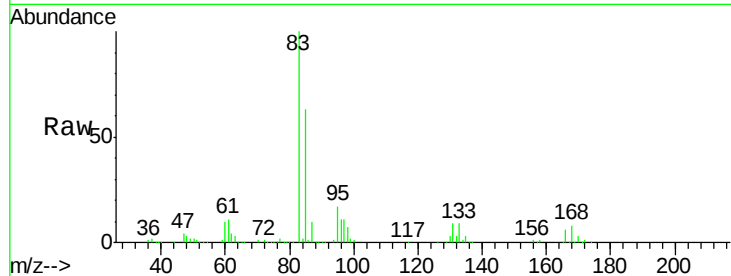
Tgt Ion: 83 Resp: 123232

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.0 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 91.255 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016188.D

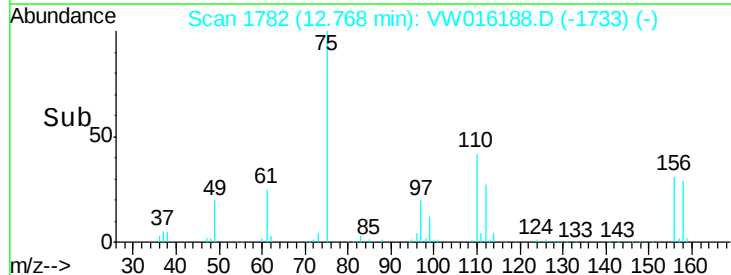
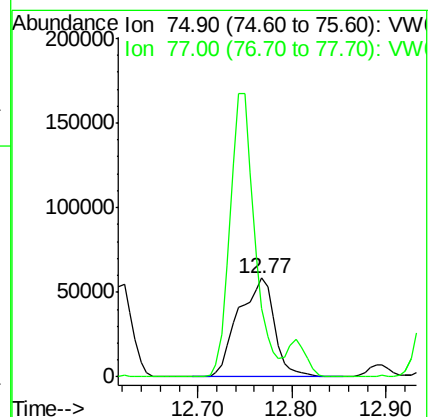
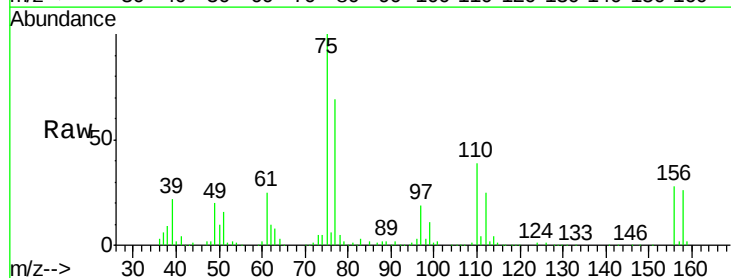
Acq: 14 Aug 2020 13:18

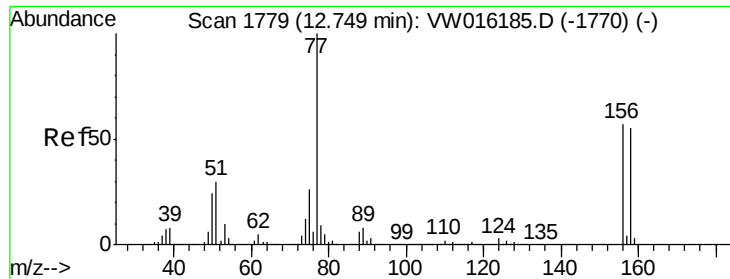
Tgt Ion: 75 Resp: 156448

Ion Ratio Lower Upper

75 100

77 196.5 173.6 520.6





#77

Bromobenzene

Concen: 50.876 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampled :

ICVW081420

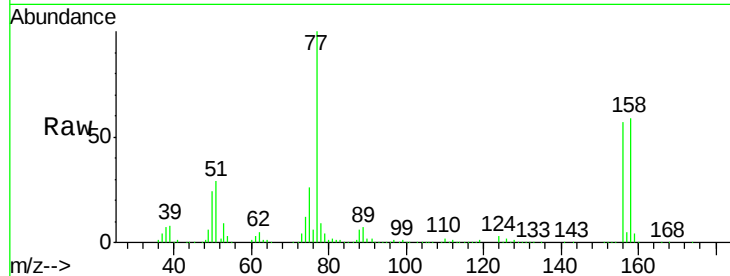
Tgt Ion:156 Resp: 159852

Ion Ratio Lower Upper

156 100

77 192.3 97.9 293.6

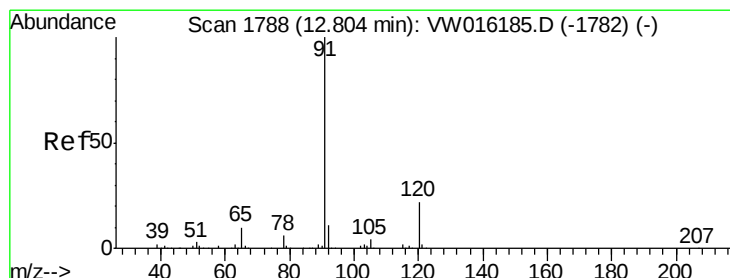
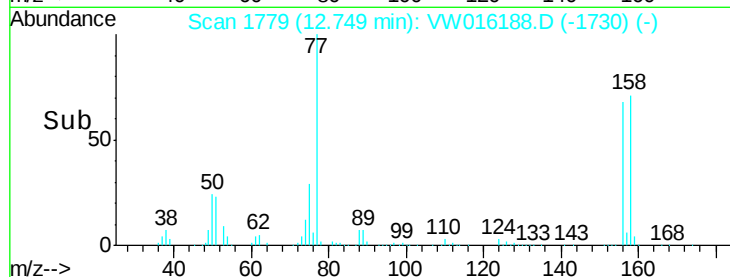
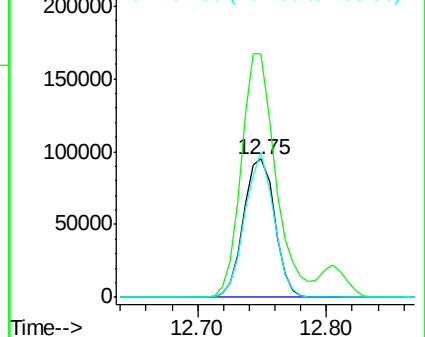
158 96.9 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.627 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016188.D

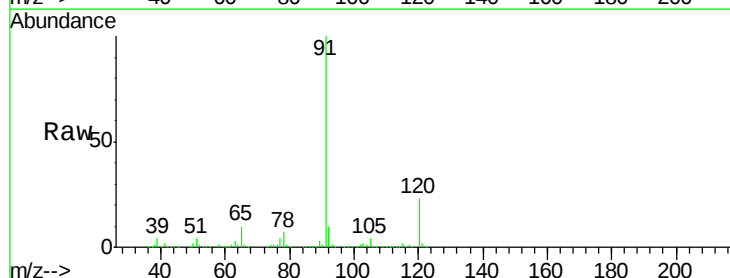
Acq: 14 Aug 2020 13:18

Tgt Ion: 91 Resp: 858425

Ion Ratio Lower Upper

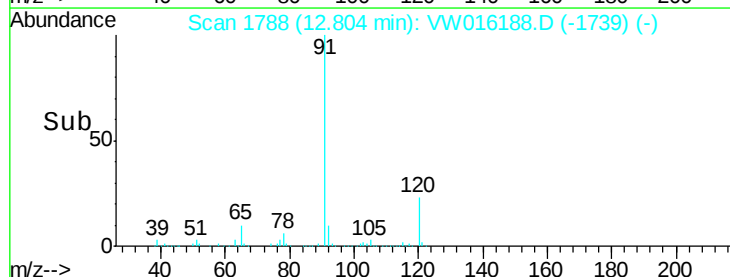
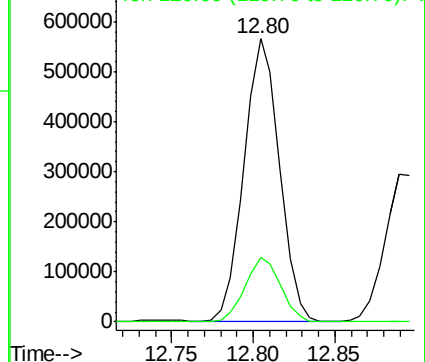
91 100

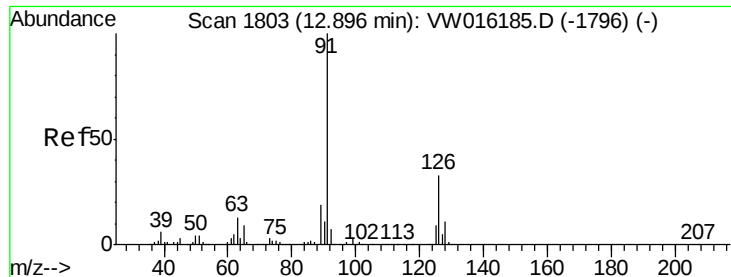
120 22.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.290 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

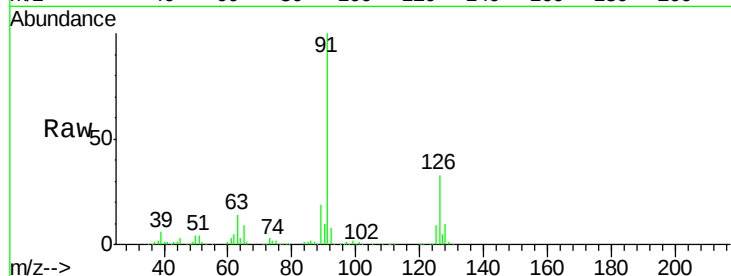
ICVW081420

Tgt Ion: 91 Resp: 492584

Ion Ratio Lower Upper

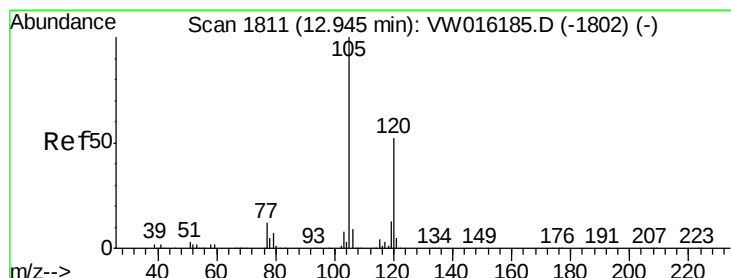
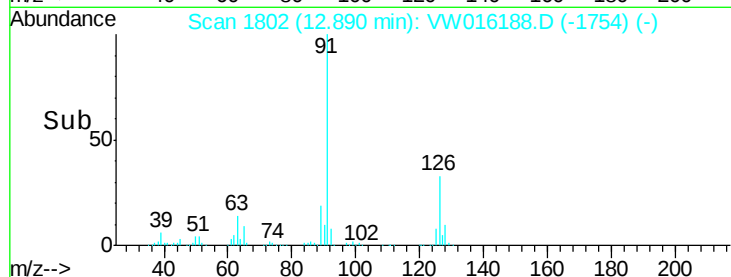
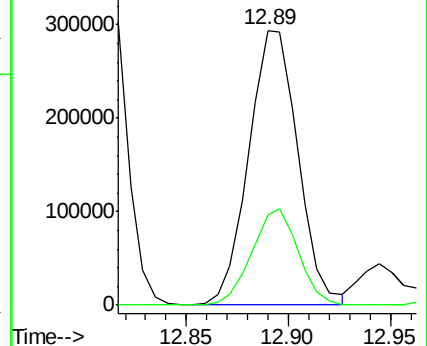
91 100

126 33.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.601 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016188.D

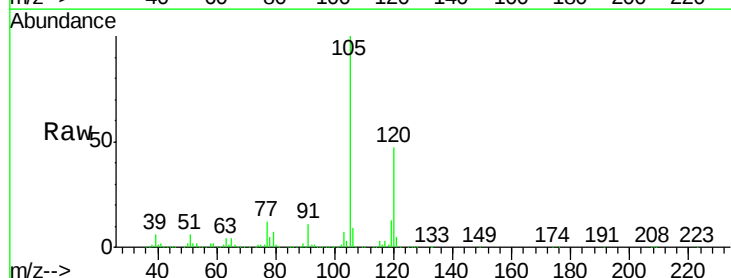
Acq: 14 Aug 2020 13:18

Tgt Ion: 105 Resp: 617044

Ion Ratio Lower Upper

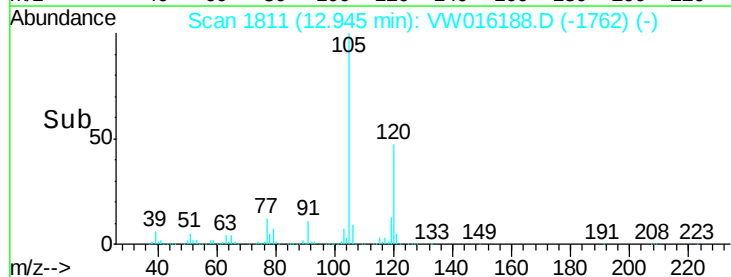
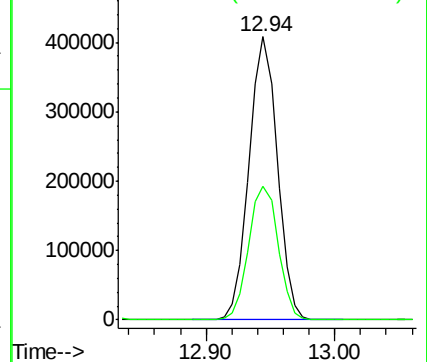
105 100

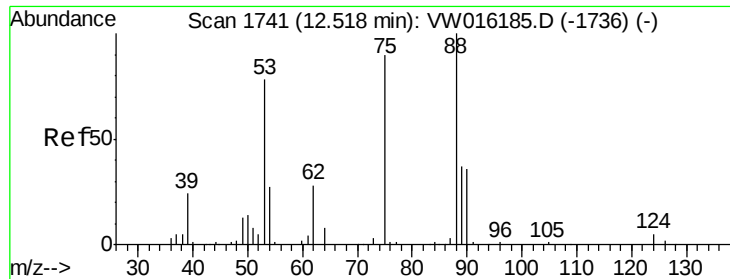
120 49.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

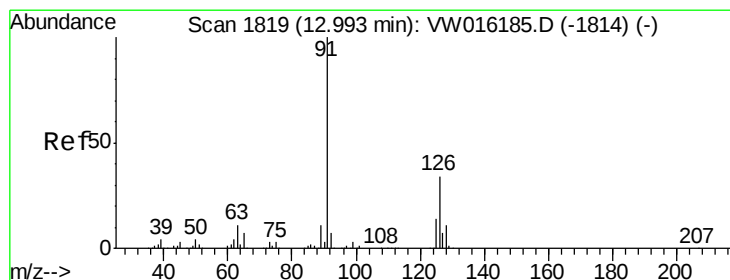
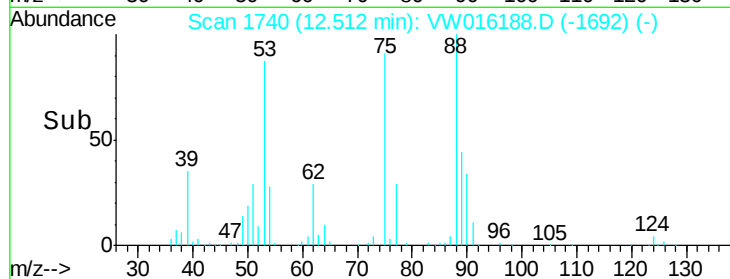
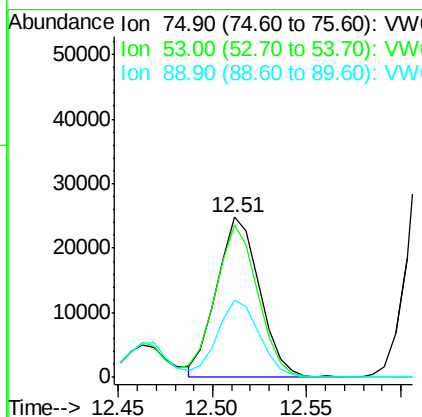
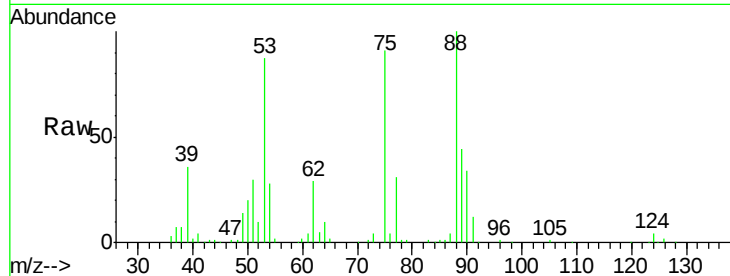




#81
trans-1,4-Dichloro-2-butene
Concen: 54.252 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

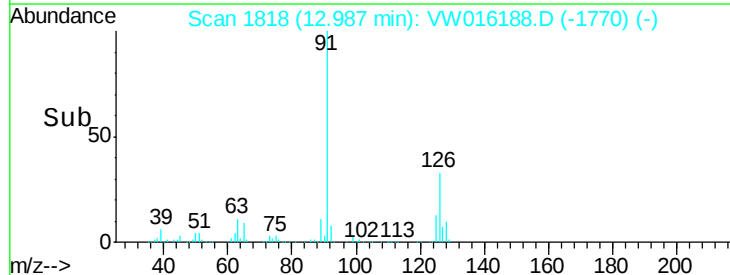
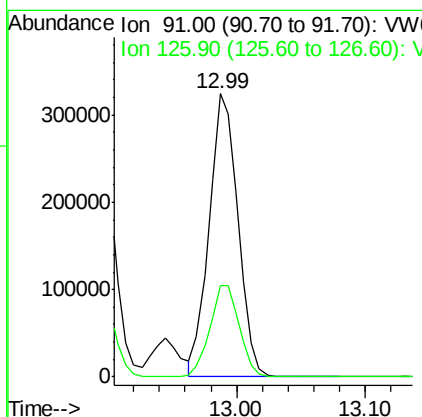
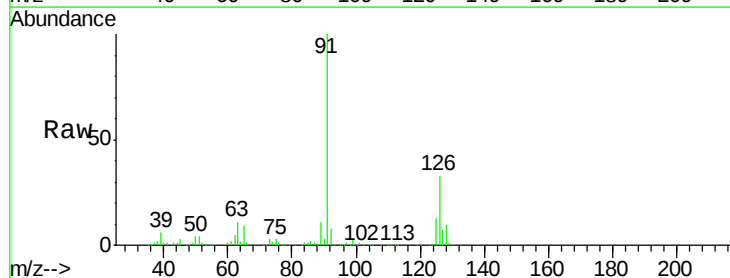
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

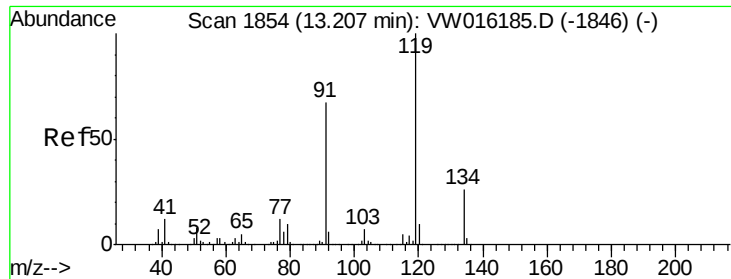
Tgt Ion: 75 Resp: 38776
Ion Ratio Lower Upper
75 100
53 96.3 74.6 111.8
89 48.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.806 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 91 Resp: 507868
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8

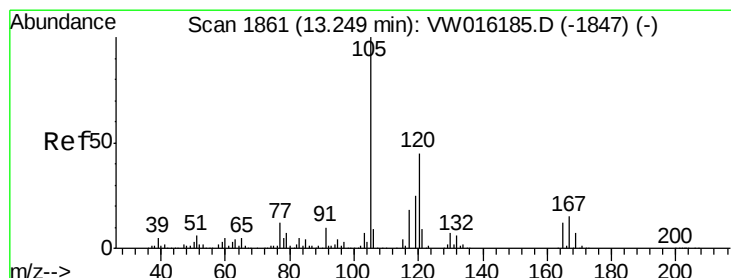
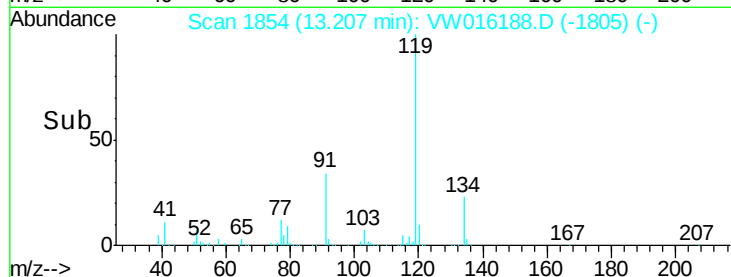
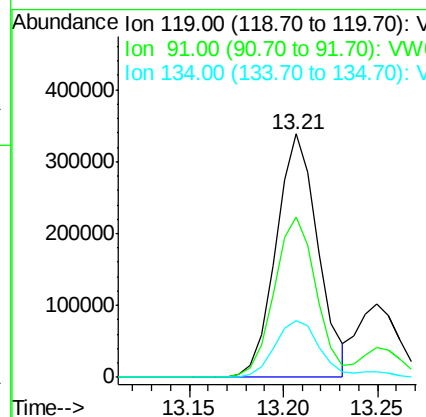
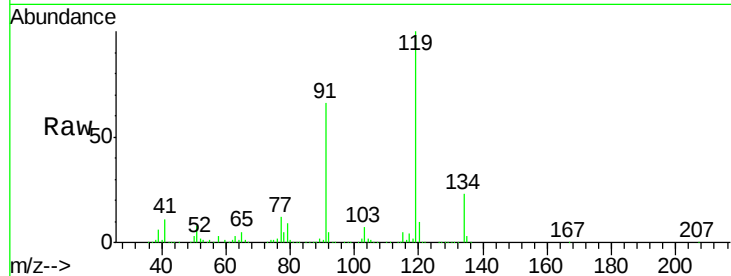




#83
tert-Butylbenzene
Concen: 52.316 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

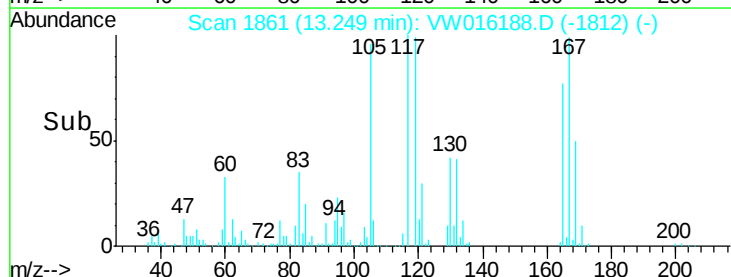
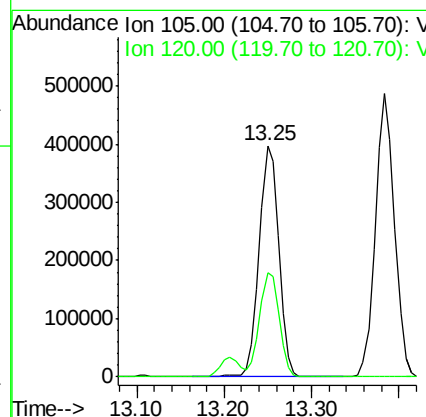
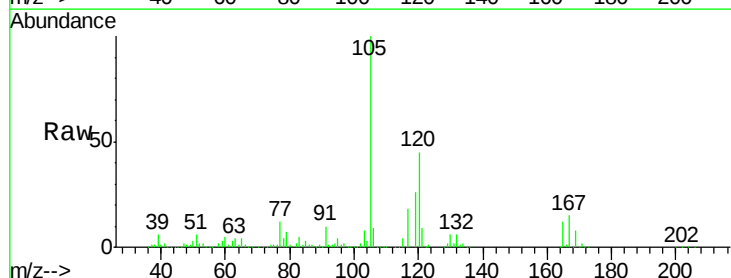
Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

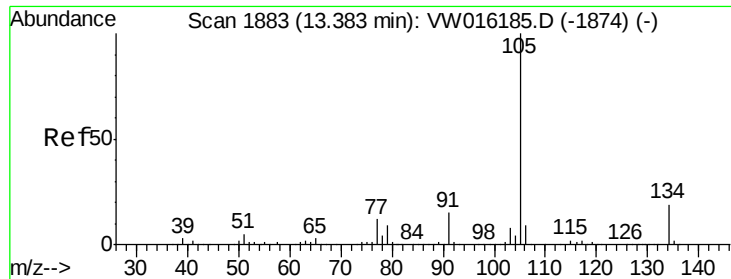
Tgt Ion:119 Resp: 522839
Ion Ratio Lower Upper
119 100
91 65.8 33.3 99.9
134 24.7 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 51.257 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion:105 Resp: 618511
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6

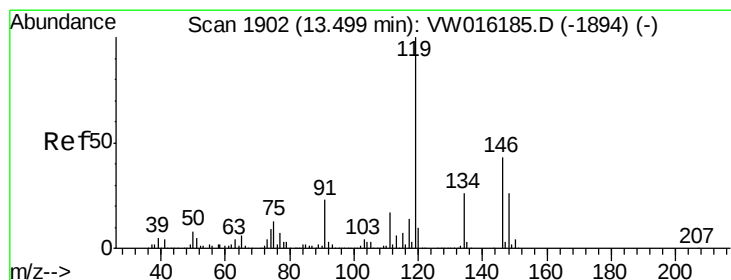
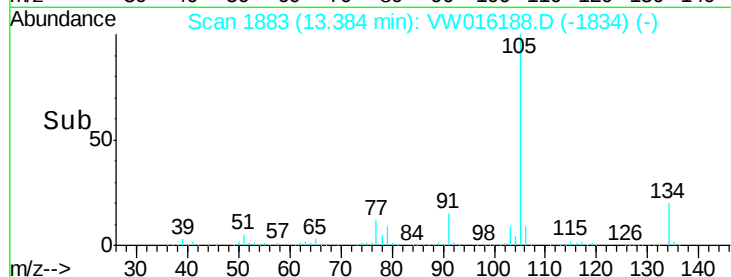
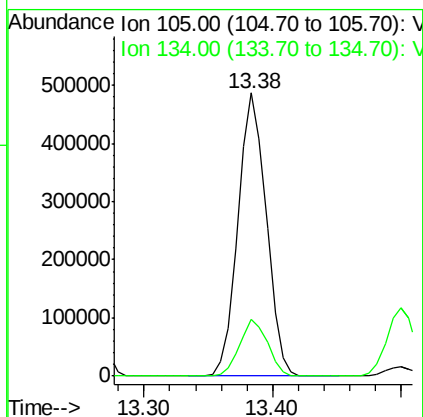
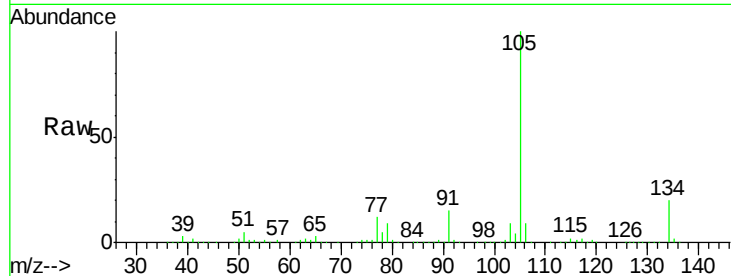




#85
 sec-Butylbenzene
 Concen: 50.904 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

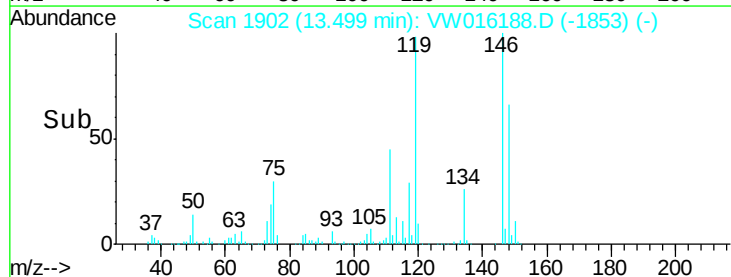
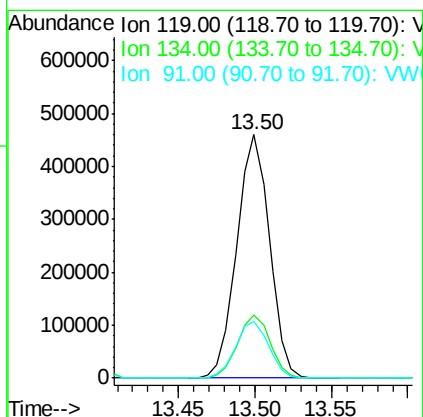
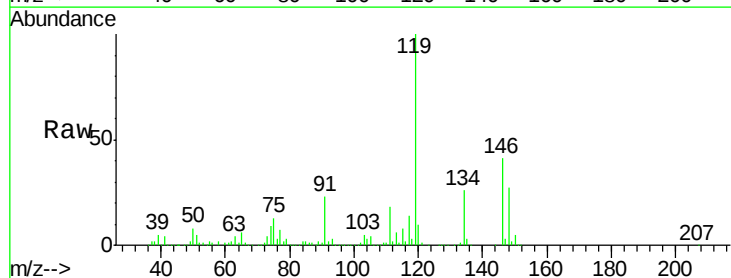
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW081420

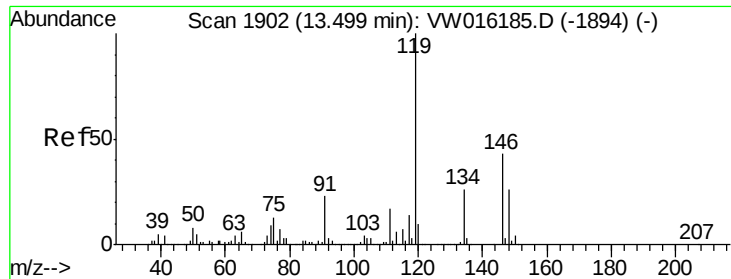
Tgt Ion:105 Resp: 739402
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.920 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion:119 Resp: 682107
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 23.3 11.8 35.3

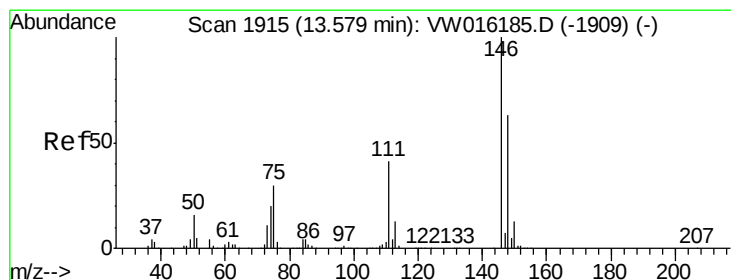
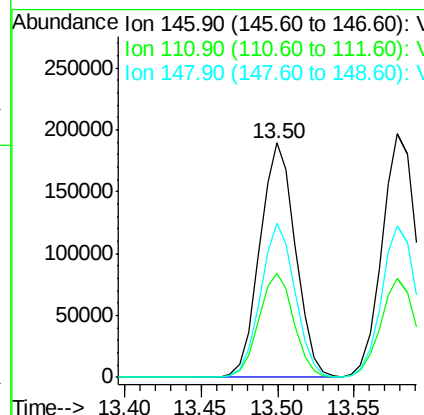
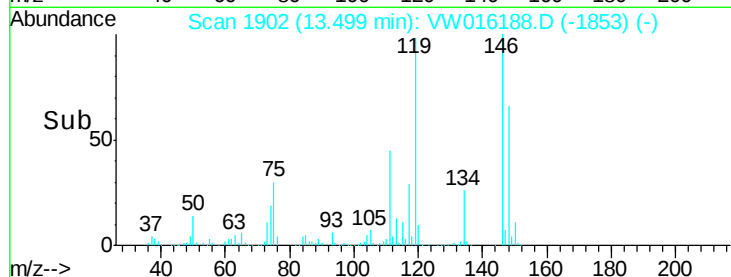
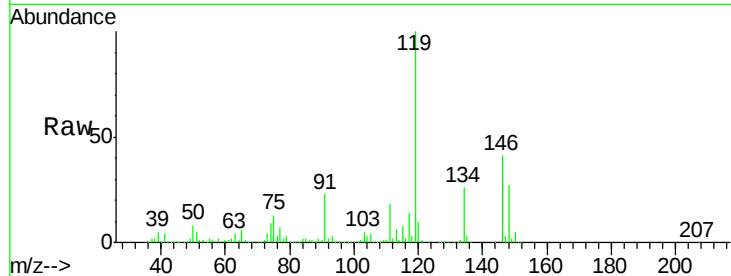




#87
 1,3-Dichlorobenzene
 Concen: 48.826 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

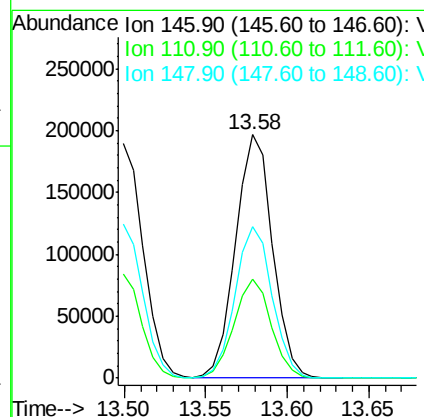
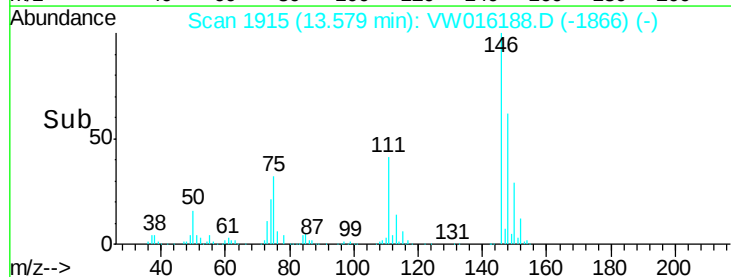
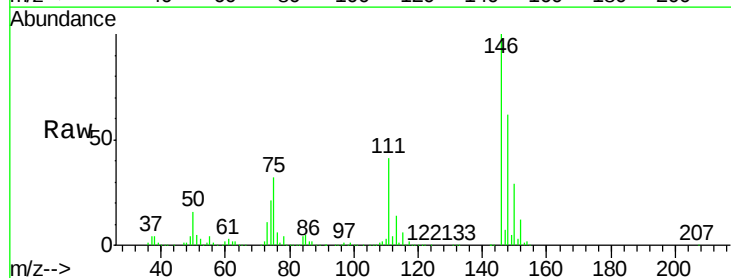
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

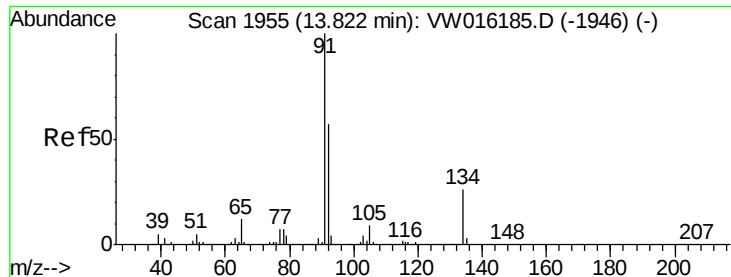
Tgt Ion:146 Resp: 307232
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.8 62.5
 148 63.7 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 50.072 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion:146 Resp: 310251
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.2
 148 62.8 32.1 96.3





#89

n-Butylbenzene

Concen: 53.346 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

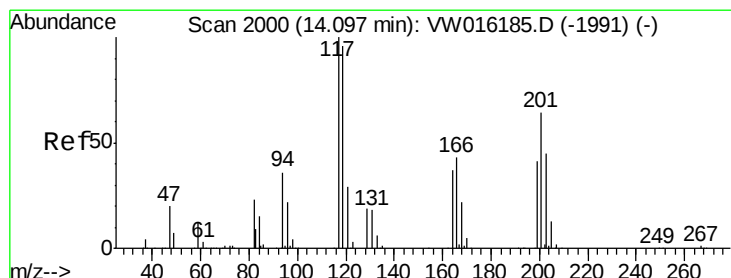
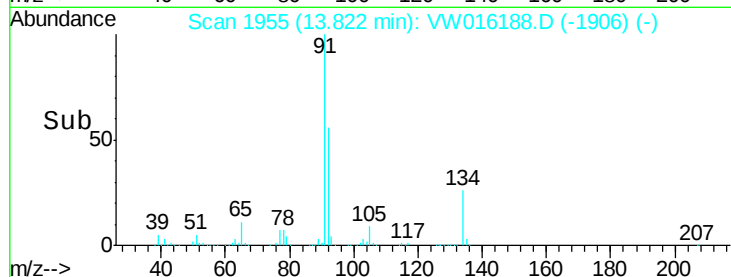
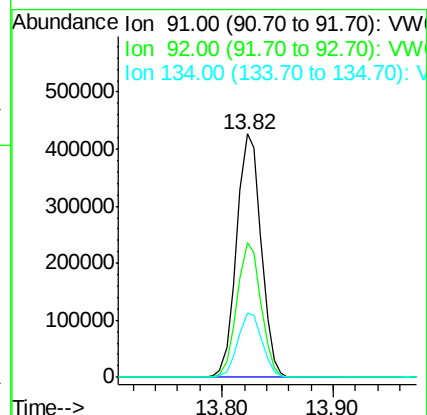
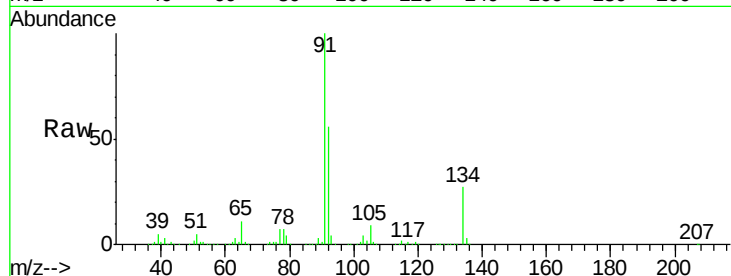
Tgt Ion: 91 Resp: 648364

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.2

134 26.2 13.0 39.0



#90

Hexachloroethane

Concen: 49.510 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW016188.D

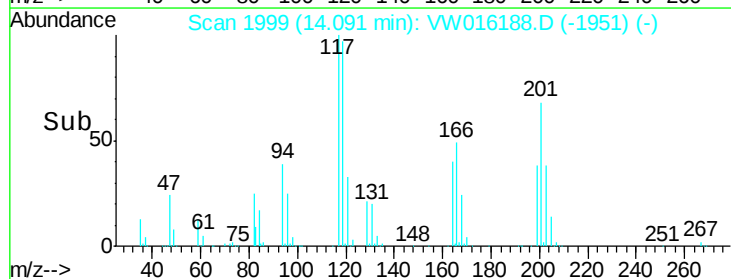
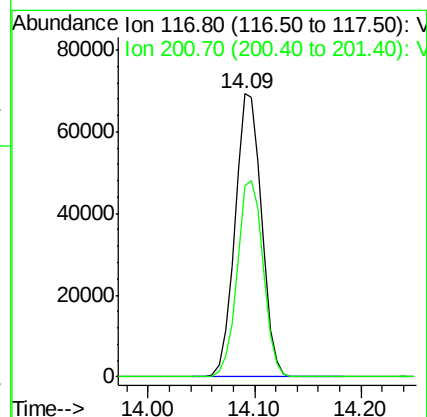
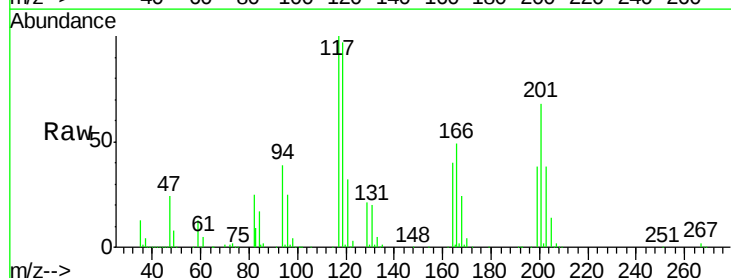
Acq: 14 Aug 2020 13:18

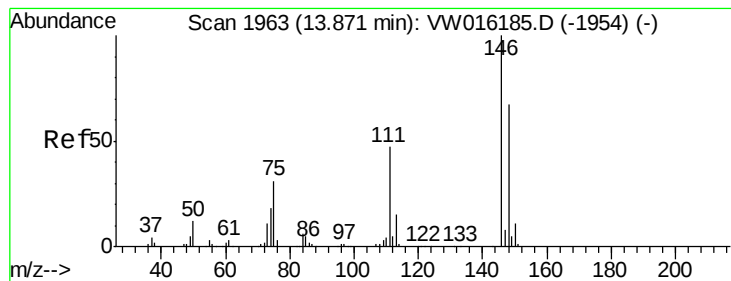
Tgt Ion: 117 Resp: 121388

Ion Ratio Lower Upper

117 100

201 67.7 33.8 101.3





#91

1,2-Dichlorobenzene

Concen: 51.800 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

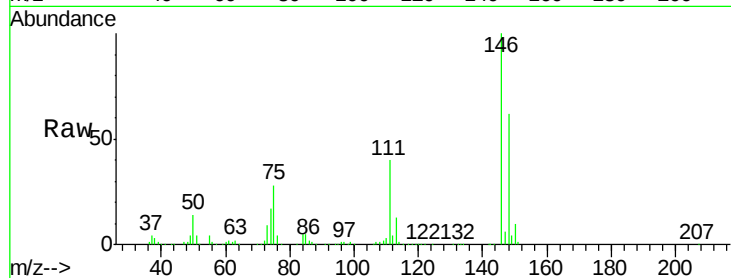
Tgt Ion: 146 Resp: 284172

Ion Ratio Lower Upper

146 100

111 41.4 21.9 65.8

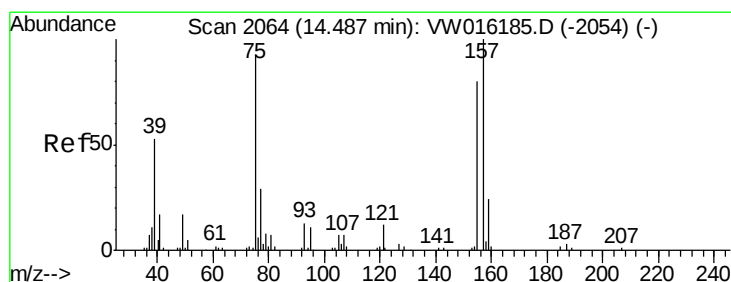
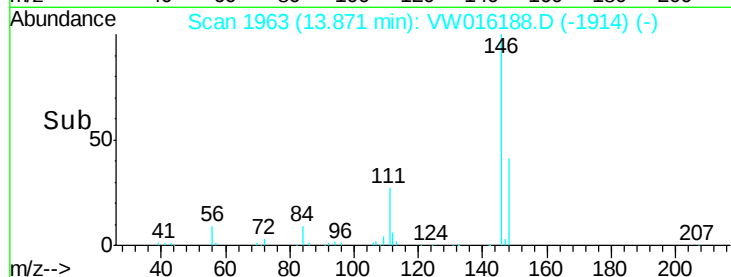
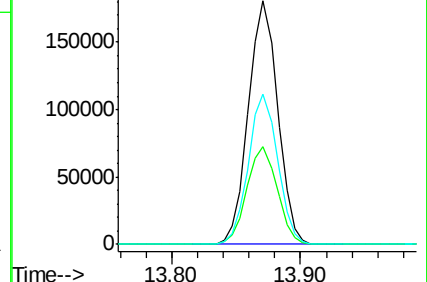
148 61.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.459 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

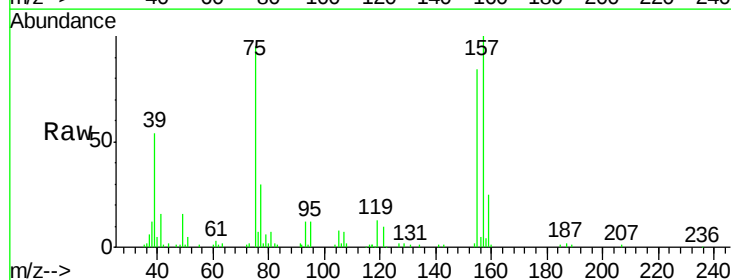
Tgt Ion: 75 Resp: 19899

Ion Ratio Lower Upper

75 100

155 85.1 41.3 124.1

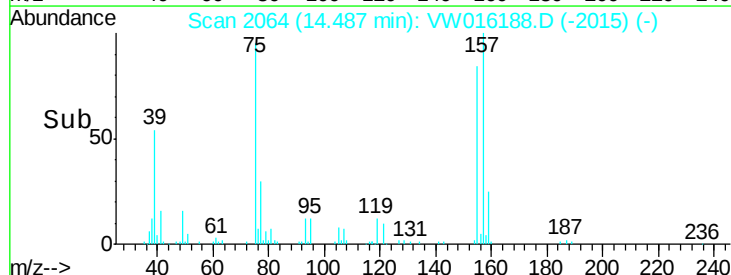
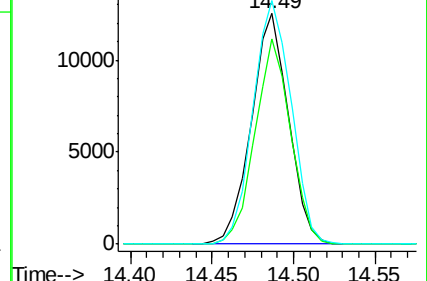
157 108.2 53.0 159.0

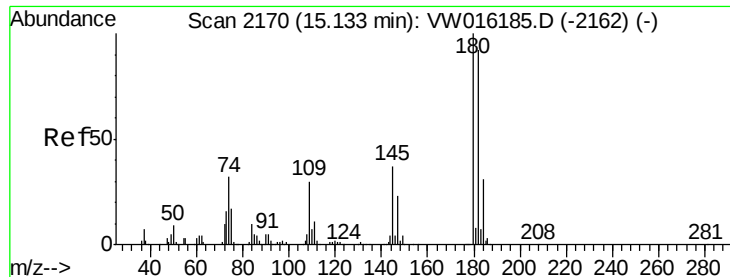


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

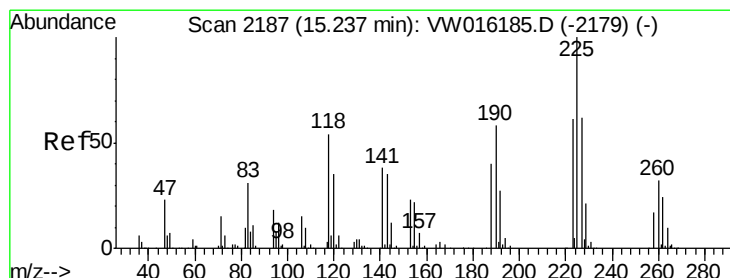
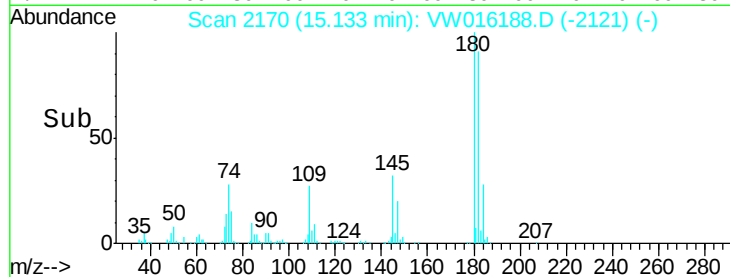
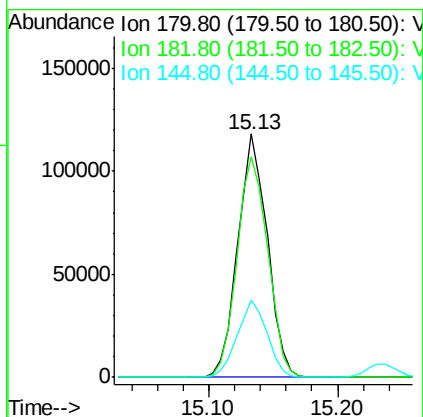
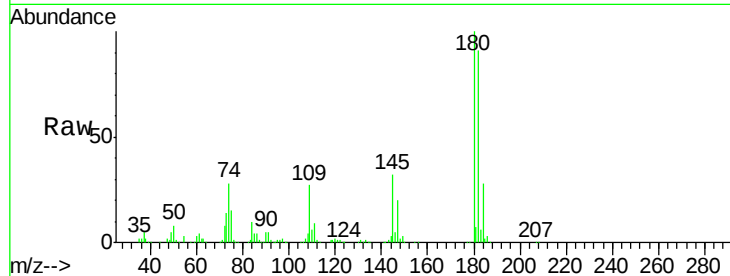




#93
 1,2,4-Trichlorobenzene
 Concen: 57.200 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

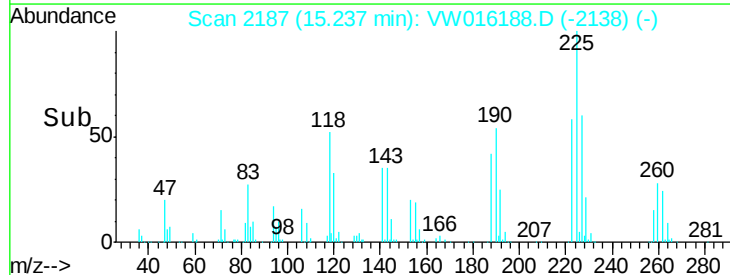
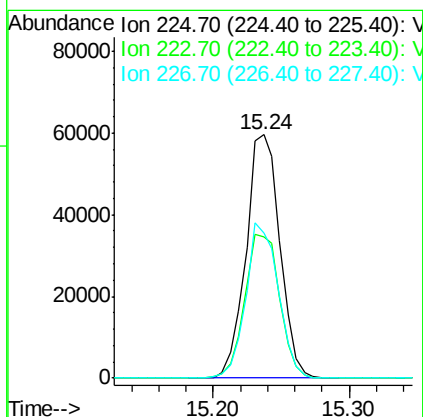
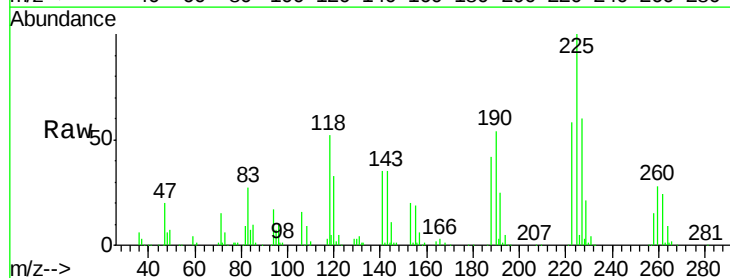
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

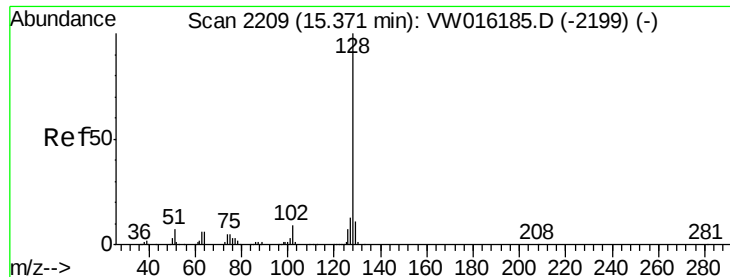
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.0	138.0
145	32.2	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 53.411 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	33.0	99.0
227	61.1	32.0	96.2

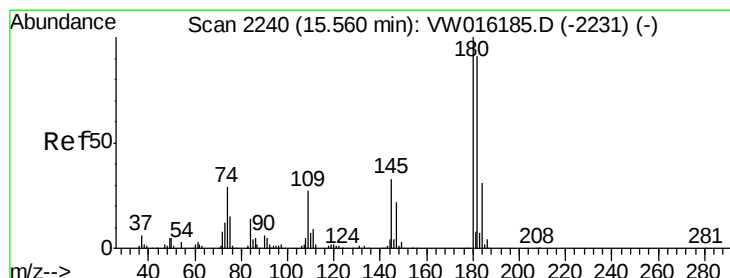
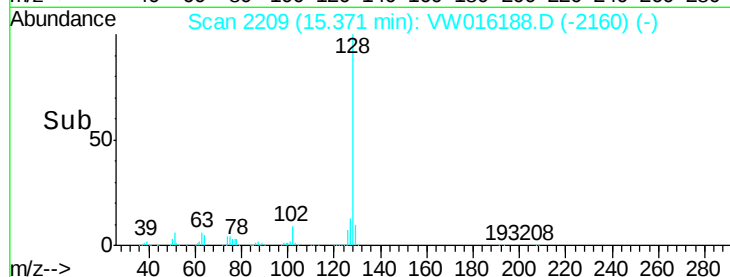
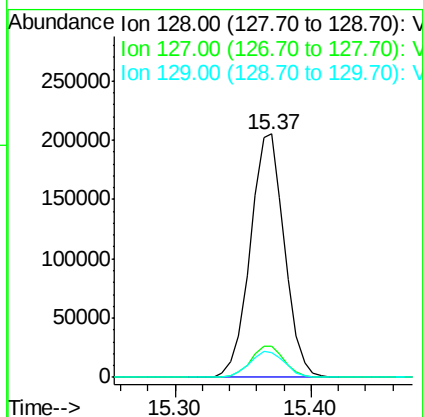
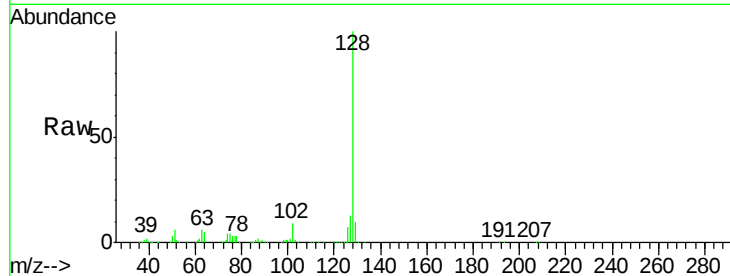




#95
Naphthalene
Concen: 52.394 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tgt Ion:128 Resp: 360647
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.087 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion:180 Resp: 160383
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 36.0 17.4 52.3

