

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016185.D
 Acq On : 14 Aug 2020 11:01
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 11:40:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	139583	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.89	113	142145	53.96	ug/l	0.00
Spiked Amount			Recovery	=	107.92%	
50) Toluene-d8	10.32	98	558691	55.11	ug/l	0.00
Spiked Amount			Recovery	=	110.22%	
62) 4-Bromofluorobenzene	12.62	95	200111	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	82821	56.485	ug/l	100
3) Chloromethane	2.21	50	87735	45.192	ug/l	100
4) Vinyl Chloride	2.37	62	127789	43.381	ug/l	100
5) Bromomethane	2.79	94	79326	35.918	ug/l	100
6) Chloroethane	2.93	64	73153	37.627	ug/l	100
7) Trichlorofluoromethane	3.26	101	104091	48.741	ug/l	100
8) Diethyl Ether	3.68	74	68001	50.262	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135571	52.916	ug/l	100
10) Methyl Iodide	4.26	142	198942	55.261	ug/l	100
11) Tert butyl alcohol	5.23	59	35995	233.738	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139089	54.800	ug/l	100
13) Acrolein	3.90	56	50562	259.429	ug/l	100
14) Allyl chloride	4.67	41	191248	47.948	ug/l	100
15) Acrylonitrile	5.38	53	138747	263.779	ug/l	100
16) Acetone	4.15	43	142346	272.679	ug/l	100
17) Carbon Disulfide	4.38	76	410450	54.554	ug/l	100
18) Methyl Acetate	4.68	43	58881	49.474	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	192337	51.990	ug/l	100
20) Methylene Chloride	4.92	84	154751	49.993	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	155164	53.197	ug/l	100
22) Diisopropyl ether	6.32	45	374663	46.937	ug/l	100
23) Vinyl Acetate	6.26	43	1141251	240.523	ug/l	100
24) 1,1-Dichloroethane	6.22	63	247154	48.300	ug/l	100
25) 2-Butanone	7.18	43	182773	259.095	ug/l	100
26) 2,2-Dichloropropane	7.17	77	155055	48.211	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	159849	51.592	ug/l	100
28) Bromochloromethane	7.51	49	103366	50.173	ug/l	100
29) Tetrahydrofuran	7.54	42	109949	256.695	ug/l	100
30) Chloroform	7.68	83	256412	48.900	ug/l	100
31) Cyclohexane	7.96	56	222947	46.173	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	216966	49.338	ug/l	100
36) 1,1-Dichloropropene	8.09	75	207218	48.282	ug/l	100
37) Ethyl Acetate	7.26	43	79099	47.558	ug/l	100
38) Carbon Tetrachloride	8.07	117	204239	48.944	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257991	50.725	ug/l	100
40) Benzene	8.33	78	579932	49.091	ug/l	100
41) Methacrylonitrile	7.49	41	45591	48.345	ug/l	100
42) 1,2-Dichloroethane	8.40	62	158437	44.072	ug/l	100
43) Isopropyl Acetate	8.43	43	147168	45.839	ug/l	100
44) Trichloroethene	9.09	130	161082	51.161	ug/l	100
45) 1,2-Dichloropropane	9.37	63	139073	48.122	ug/l	100
46) Dibromomethane	9.46	93	75368	50.346	ug/l	100
47) Bromodichloromethane	9.65	83	188923	49.081	ug/l	100
48) Methyl methacrylate	9.44	41	70156	47.818	ug/l	100
49) 1,4-Dioxane	9.48	88	21518	1146.870	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	380037	241.601	ug/l	100
52) Toluene	10.39	92	382709	50.253	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	185457	50.358	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	226317	51.036	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	105750	50.904	ug/l	100
56) Ethyl methacrylate	10.65	69	136580	53.486	ug/l	100
57) 1,3-Dichloropropane	10.93	76	184422	50.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	298768	242.222	ug/l	100
59) 2-Hexanone	10.97	43	269898	256.447	ug/l	100
60) Dibromochloromethane	11.13	129	128562	53.133	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105115	52.369	ug/l	100
64) Tetrachloroethene	10.87	164	125562	48.982	ug/l	100
65) Chlorobenzene	11.66	112	386465	48.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	139893	50.069	ug/l	100
67) Ethyl Benzene	11.73	91	729091	49.822	ug/l	100
68) m/p-Xylenes	11.84	106	553239	100.642	ug/l	100
69) o-Xylene	12.17	106	253648	50.641	ug/l	100
70) Styrene	12.18	104	443012	51.355	ug/l	100
71) Bromoform	12.35	173	66586	52.345	ug/l #	100
73) Isopropylbenzene	12.47	105	703956	53.064	ug/l	100
74) N-amyl acetate	12.27	43	136129	49.009	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	121744	54.840	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	151556	91.610	ug/l	29
77) Bromobenzene	12.75	156	150583	50.748	ug/l	100
78) n-propylbenzene	12.80	91	835716	52.088	ug/l	100
79) 2-Chlorotoluene	12.90	91	477353	52.103	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	602643	53.190	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	38481	58.577	ug/l	100
82) 4-Chlorotoluene	12.99	91	500416	52.217	ug/l	100
83) tert-Butylbenzene	13.21	119	505420	53.843	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	606067	53.576	ug/l	100
85) sec-Butylbenzene	13.38	105	721874	53.209	ug/l	100
86) p-Isopropyltoluene	13.50	119	658519	53.152	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	307575	51.611	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	296949	50.999	ug/l	100
89) n-Butylbenzene	13.82	91	611708	52.018	ug/l	100
90) Hexachloroethane	14.10	117	118253	52.852	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	262987	51.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19424	54.962	ug/l	100

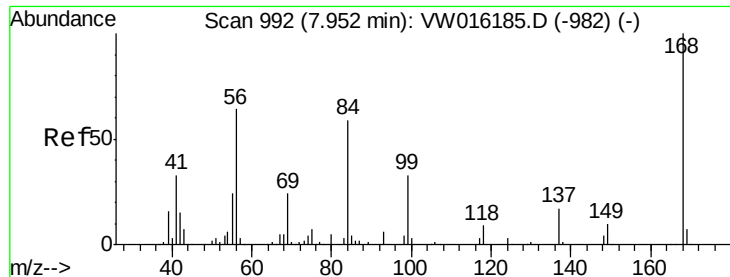
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166416	51.548	ug/l	100
94) Hexachlorobutadiene	15.24	225	90367	44.871	ug/l	100
95) Naphthalene	15.37	128	333208	60.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148204	53.315	ug/l	100

(#) = 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: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

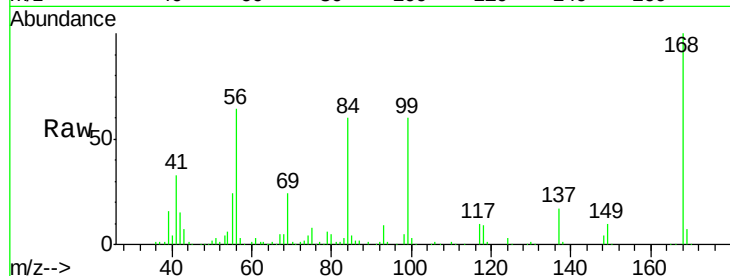
VSTDICCC050

Tgt Ion:168 Resp: 271961

Ion Ratio Lower Upper

168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

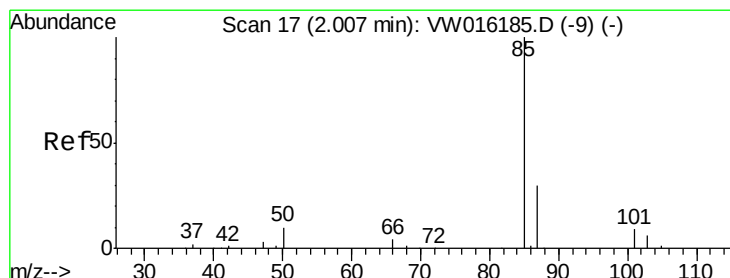
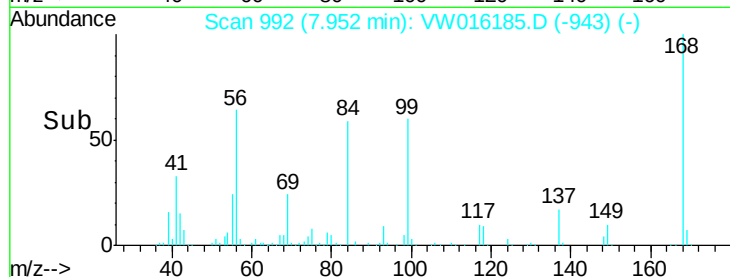
100000

50000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: 56.485 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016185.D

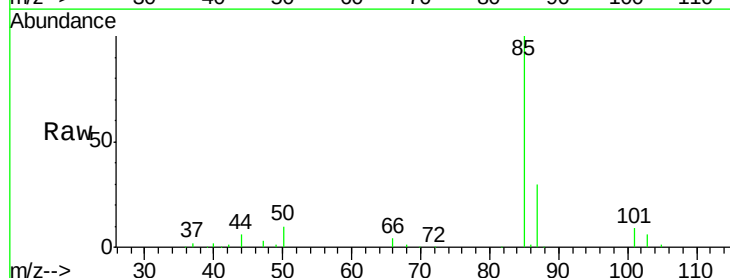
Acq: 14 Aug 2020 11:01

Tgt Ion: 85 Resp: 82821

Ion Ratio Lower Upper

85 100

87 29.7 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

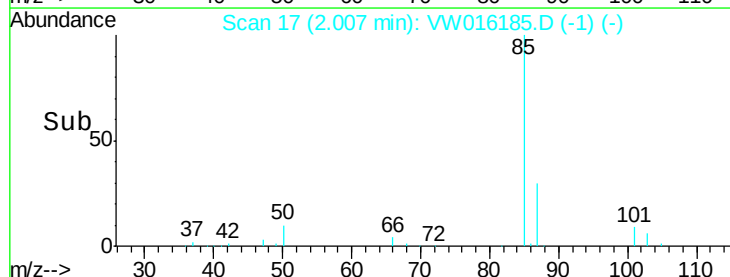
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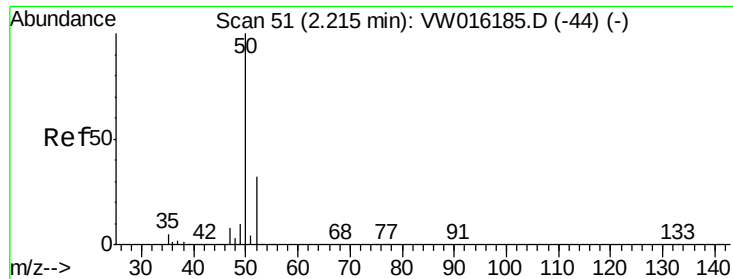
10000

0

Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 45.192 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

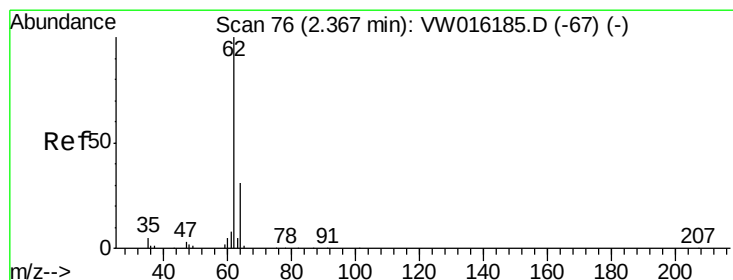
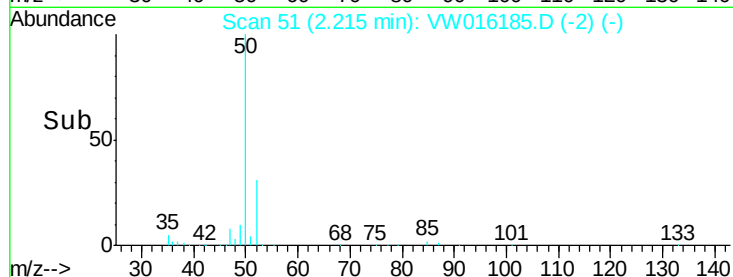
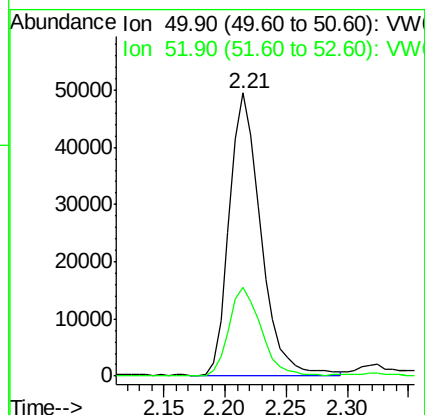
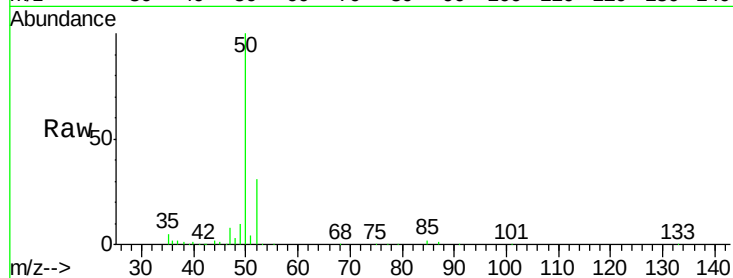
VSTDICCC050

Tgt Ion: 50 Resp: 87735

Ion Ratio Lower Upper

50 100

52 31.6 25.3 37.9



#4

Vinyl Chloride

Concen: 43.381 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016185.D

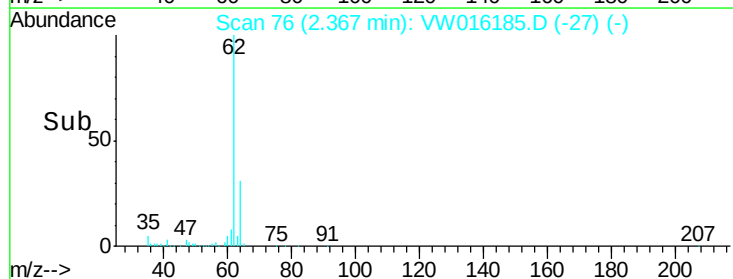
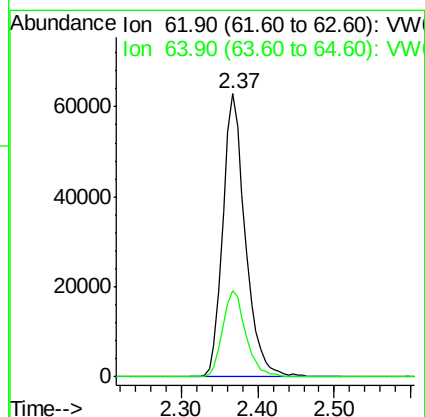
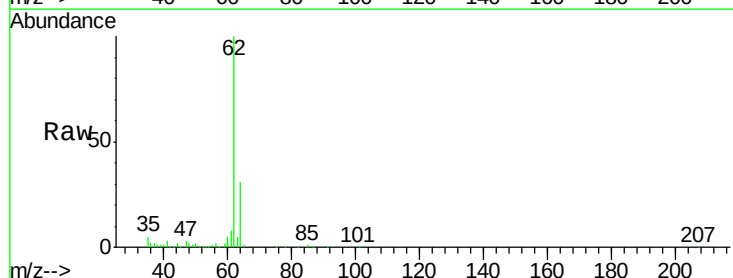
Acq: 14 Aug 2020 11:01

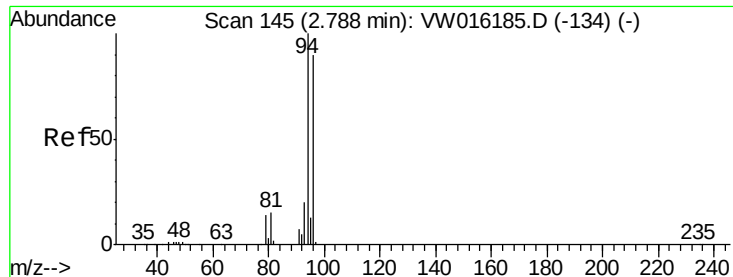
Tgt Ion: 62 Resp: 127789

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





#5

Bromomethane

Concen: 35.918 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

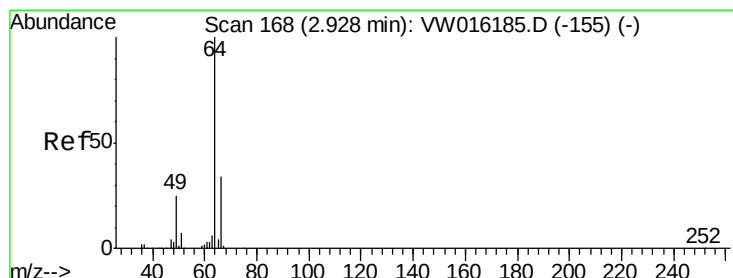
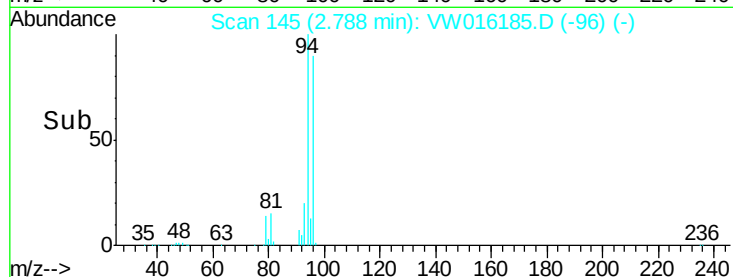
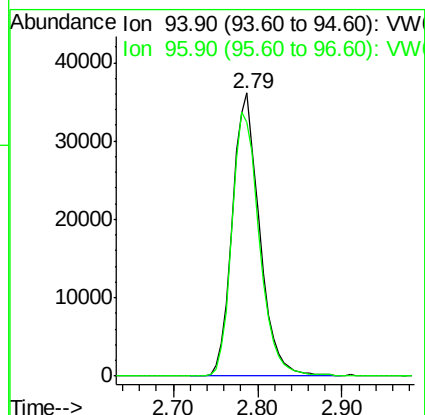
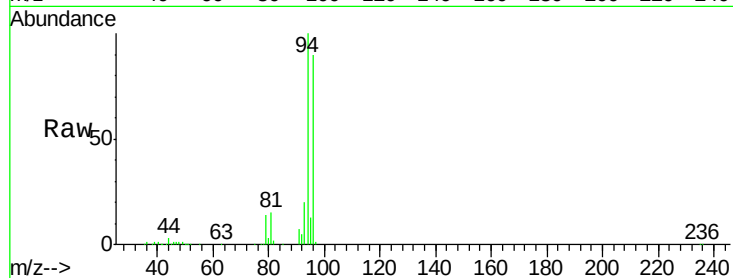
VSTDICCC050

Tgt Ion: 94 Resp: 79326

Ion Ratio Lower Upper

94 100

96 89.7 71.8 107.6



#6

Chloroethane

Concen: 37.627 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016185.D

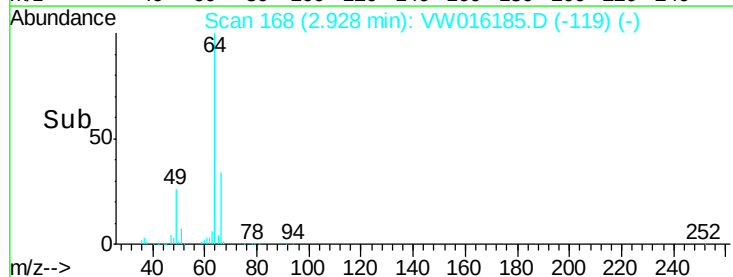
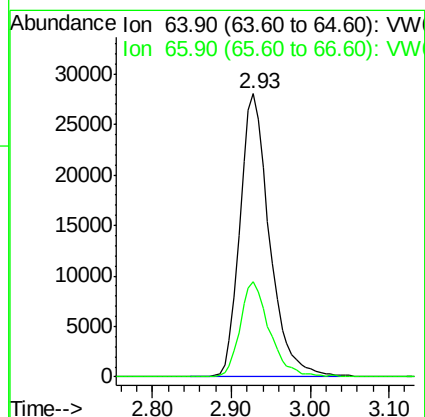
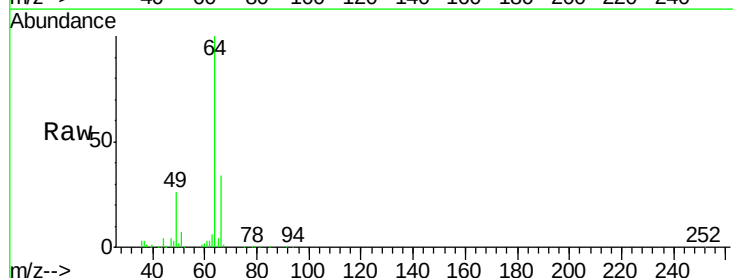
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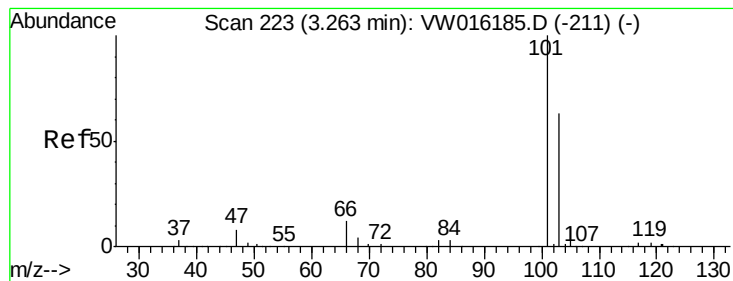
Tgt Ion: 64 Resp: 73153

Ion Ratio Lower Upper

64 100

66 33.6 26.9 40.3



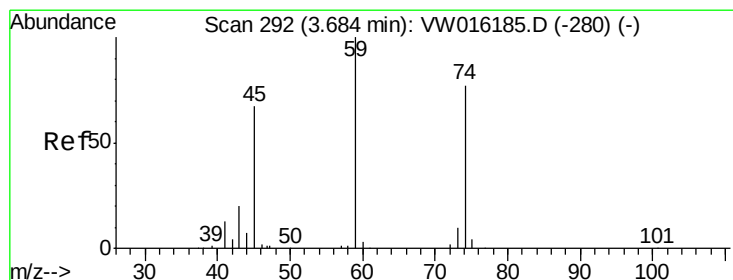
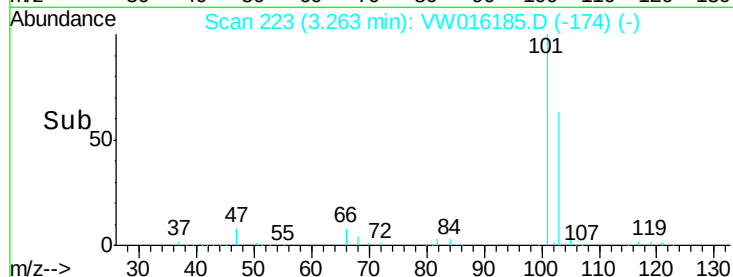
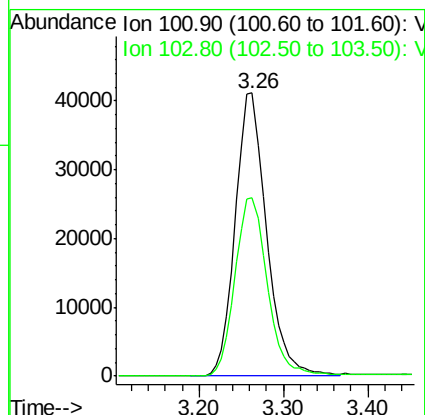
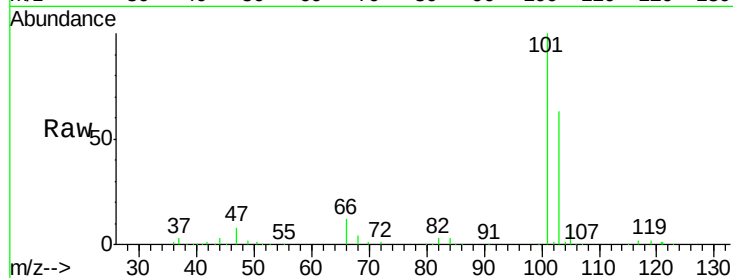


#7

Trichlorofluoromethane
 Concen: 48.741 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

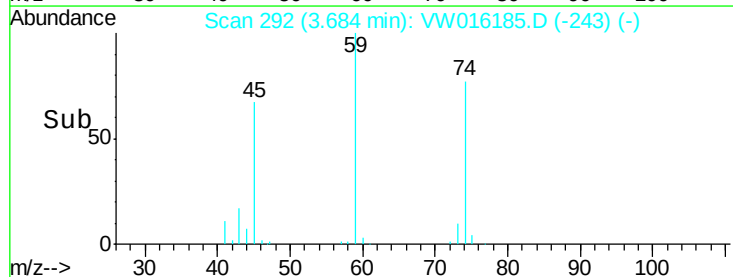
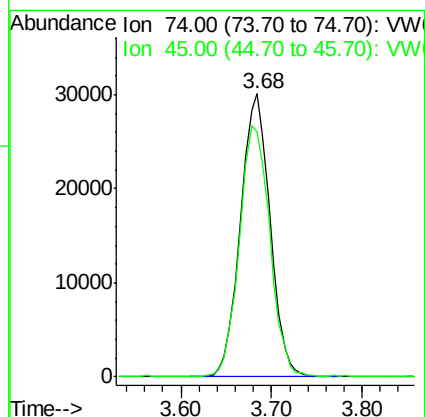
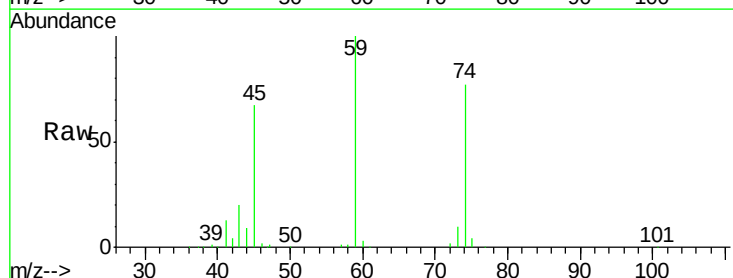
Tgt Ion: 101 Resp: 104091
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.4 75.6

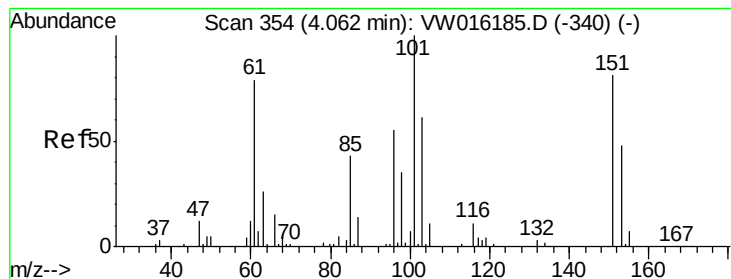


#8

Diethyl Ether
 Concen: 50.262 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 74 Resp: 68001
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.916 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

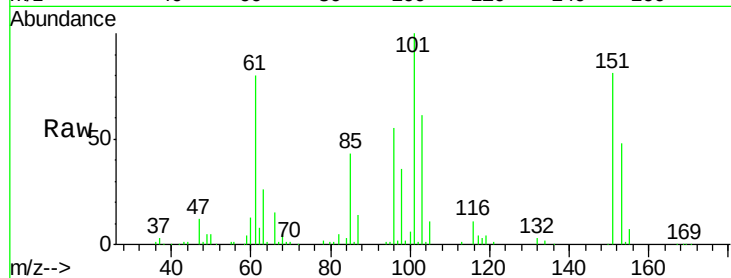
Tgt Ion:101 Resp: 135571

Ion Ratio Lower Upper

101 100

85 41.6 33.3 49.9

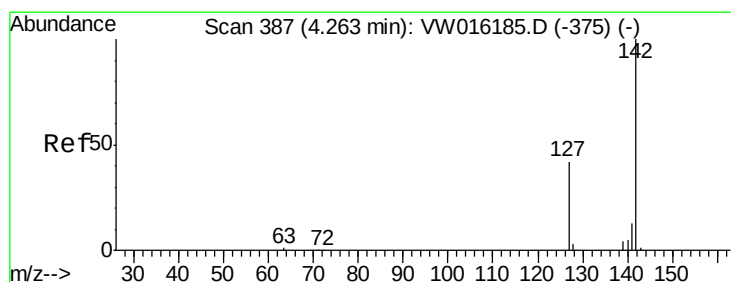
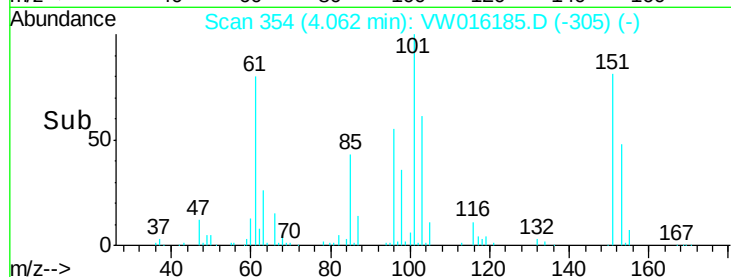
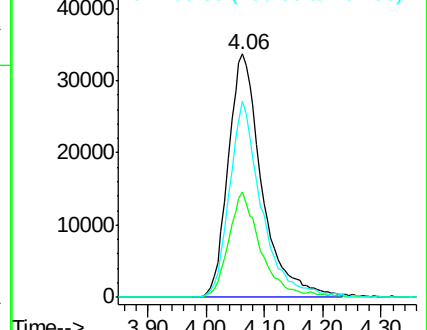
151 76.4 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.261 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

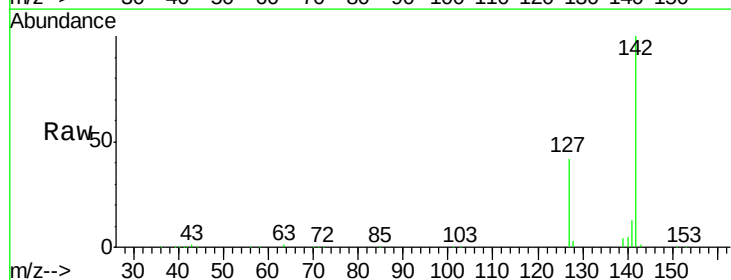
Tgt Ion:142 Resp: 198942

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

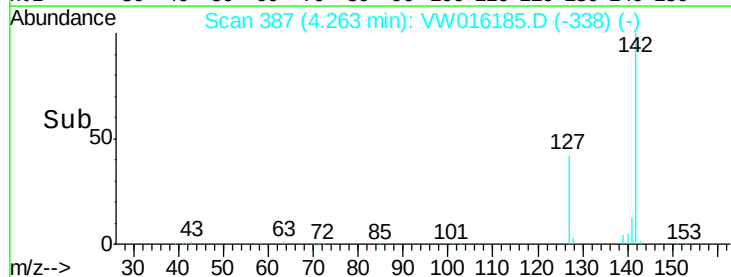
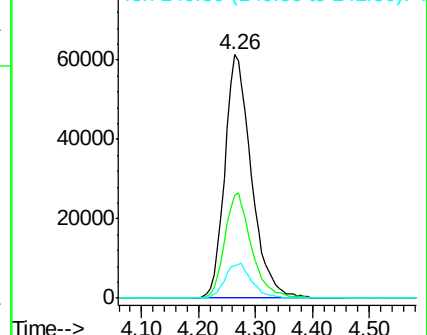
141 14.3 11.4 17.2

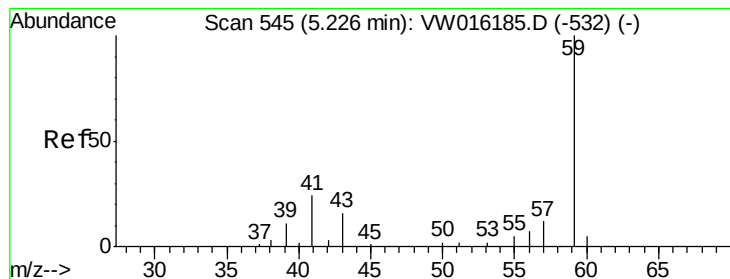


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



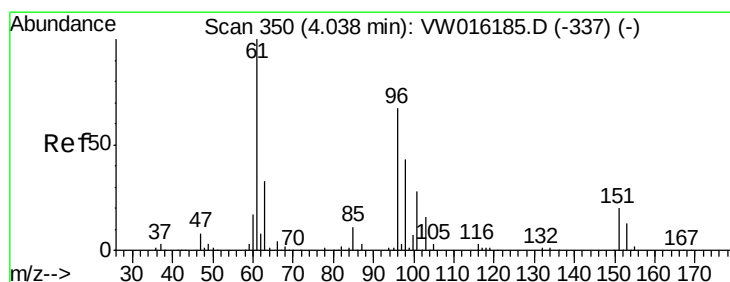
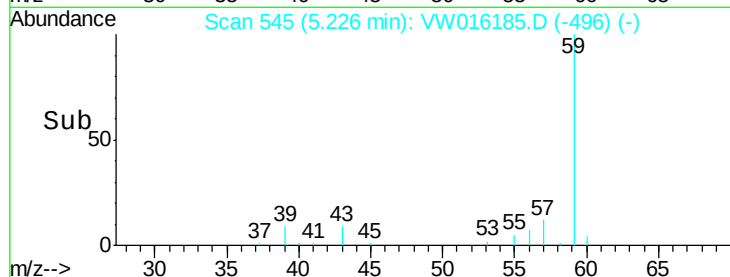
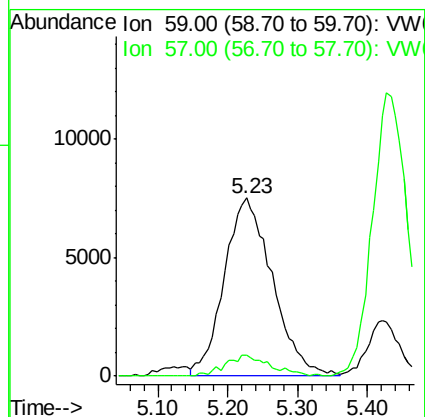
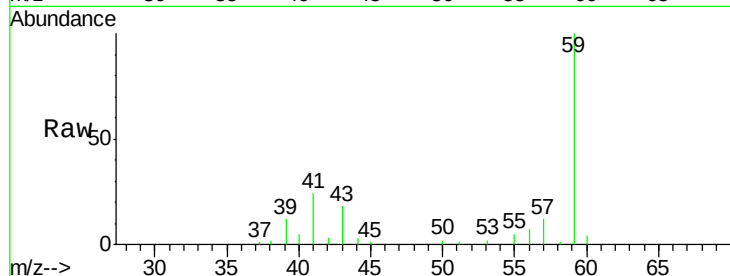


#11

Tert butyl alcohol
 Concen: 233.738 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

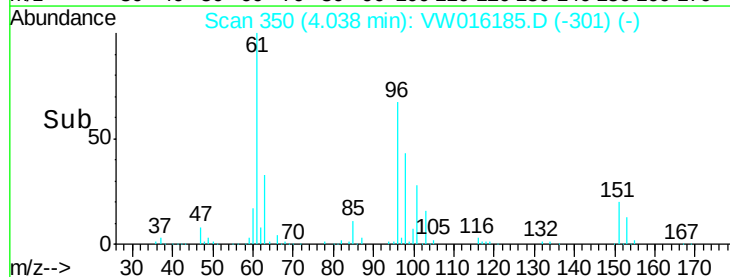
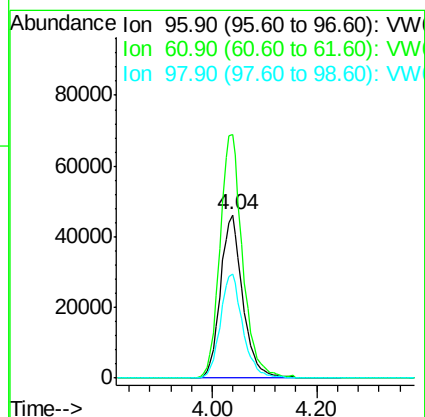
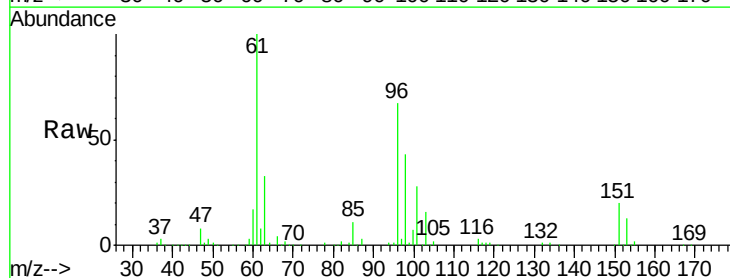
Tgt Ion: 59 Resp: 35995
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.0 13.6

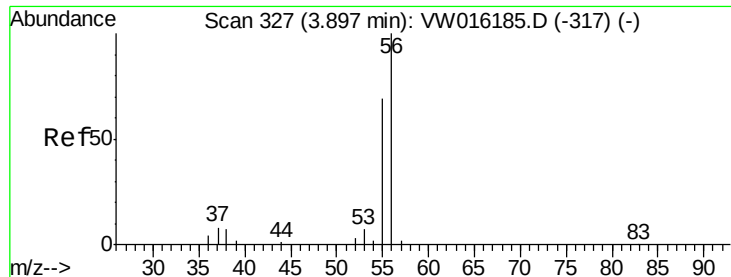


#12

1,1-Dichloroethene
 Concen: 54.800 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 96 Resp: 139089
 Ion Ratio Lower Upper
 96 100
 61 149.4 119.5 179.3
 98 64.1 51.3 76.9





#13

Acrolein

Concen: 259.429 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

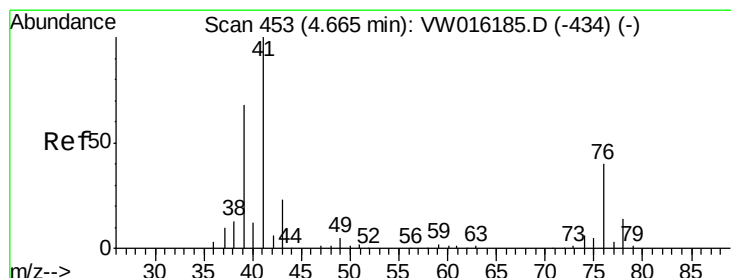
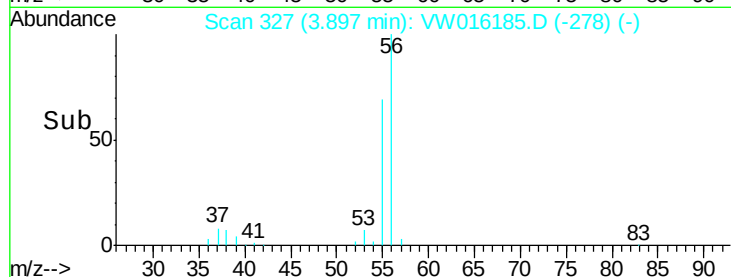
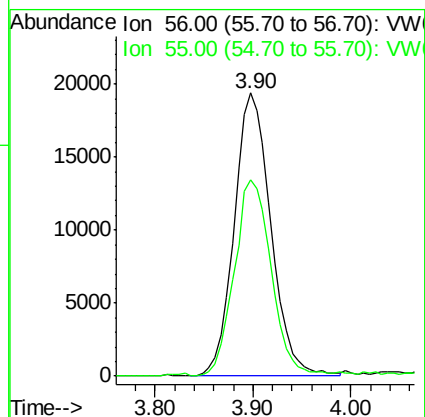
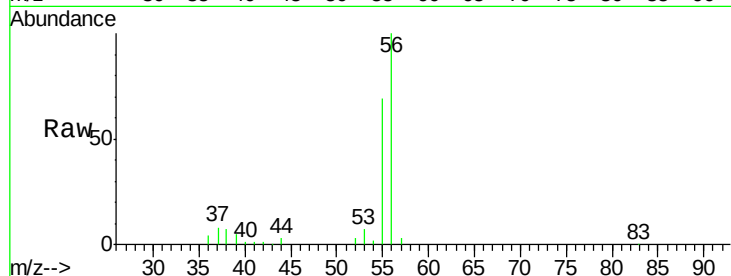
VSTDICCC050

Tgt Ion: 56 Resp: 50562

Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.6



#14

Allyl chloride

Concen: 47.948 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

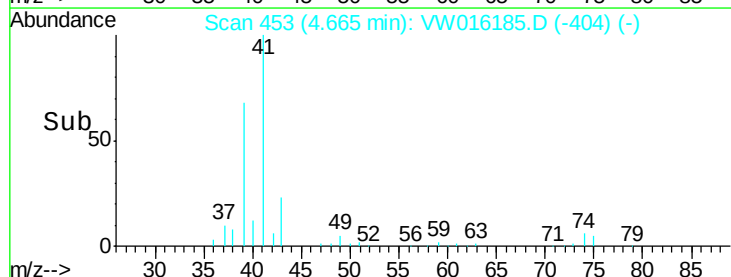
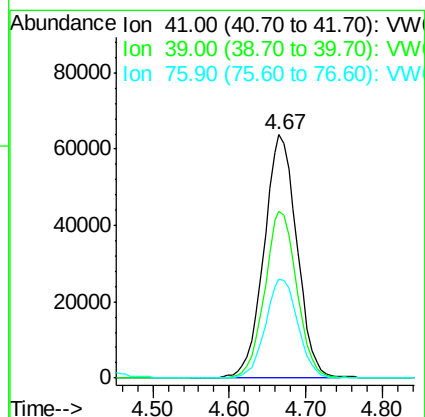
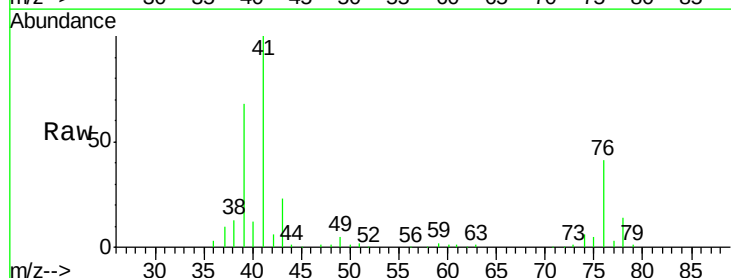
Tgt Ion: 41 Resp: 191248

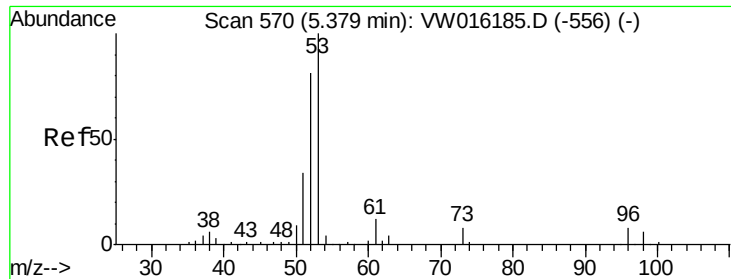
Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.0

76 40.0 32.0 48.0





#15

Acrylonitrile

Concen: 263.779 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

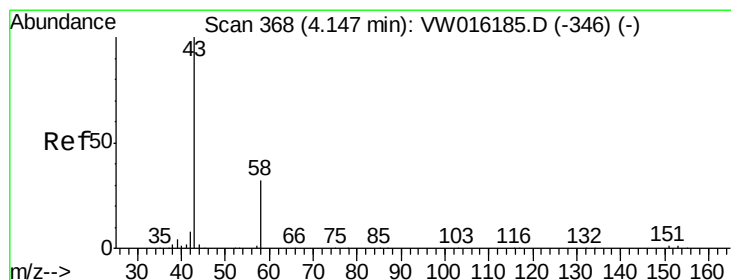
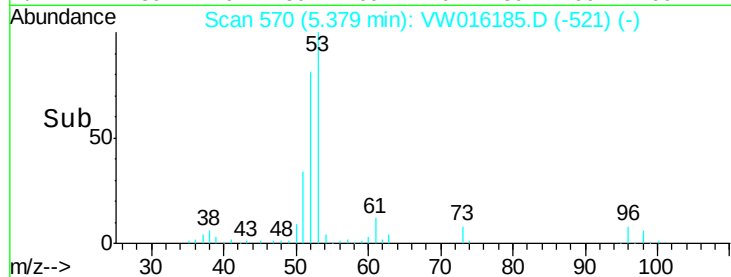
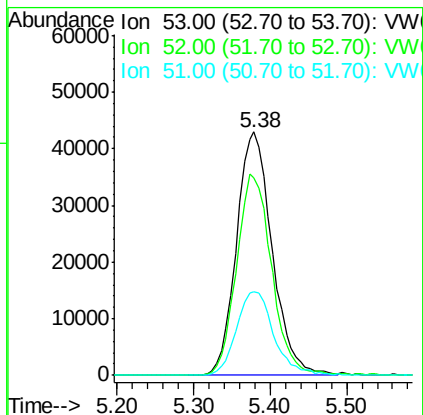
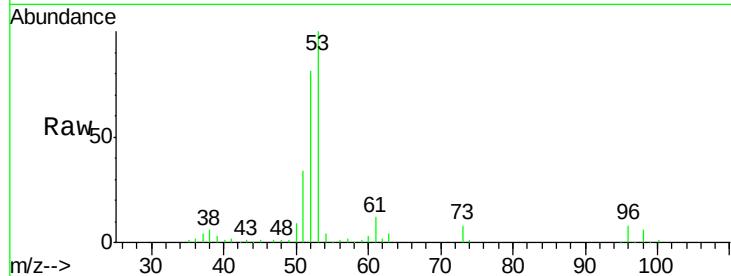
Tgt Ion: 53 Resp: 138747

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

51 36.2 29.0 43.4



#16

Acetone

Concen: 272.679 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW016185.D

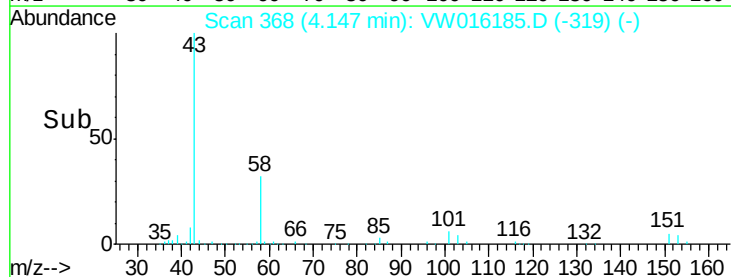
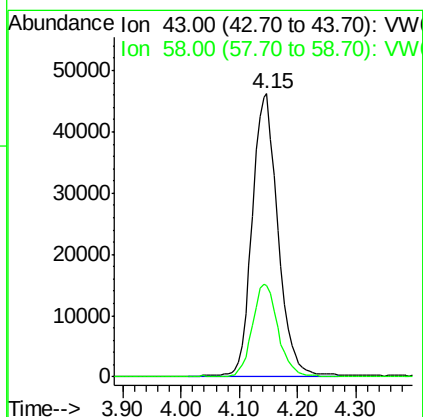
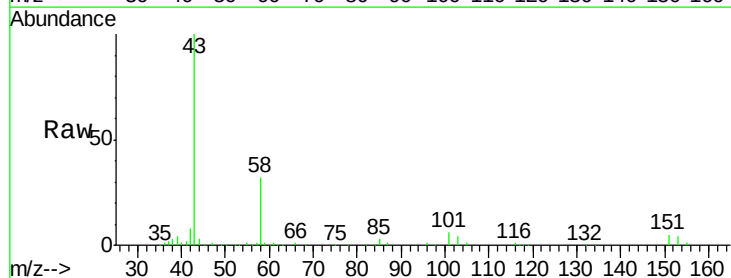
Acq: 14 Aug 2020 11:01

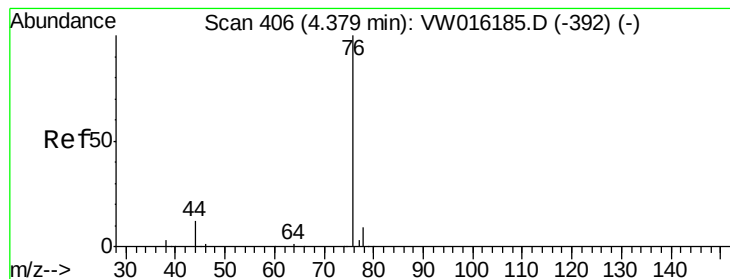
Tgt Ion: 43 Resp: 142346

Ion Ratio Lower Upper

43 100

58 32.2 25.8 38.6





#17

Carbon Disulfide

Concen: 54.554 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

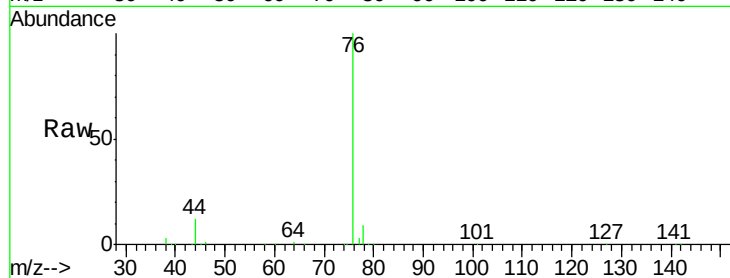
VSTDICCC050

Tgt Ion: 76 Resp: 410450

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

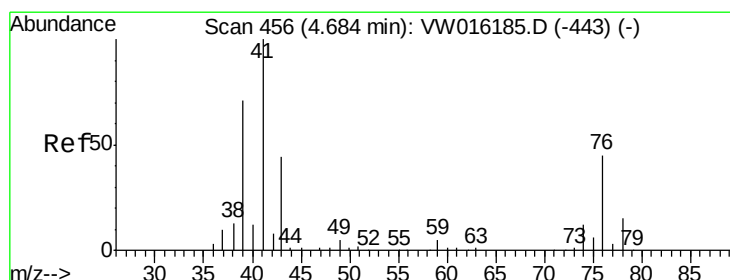
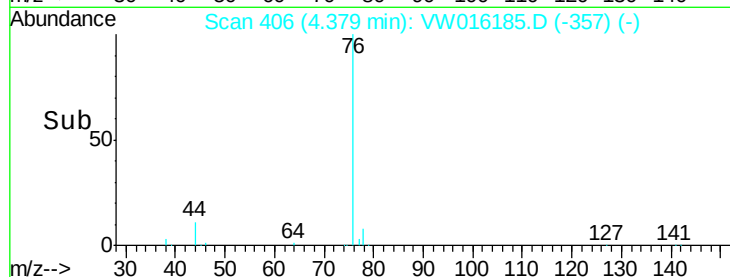
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.474 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW016185.D

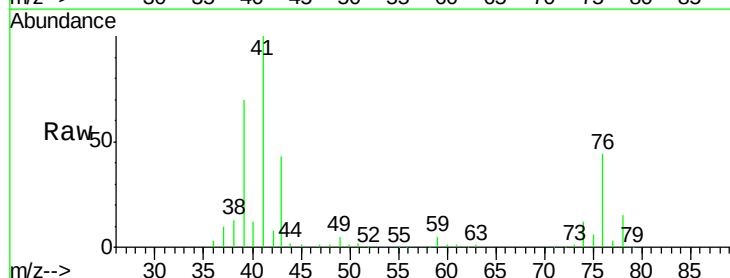
Acq: 14 Aug 2020 11:01

Tgt Ion: 43 Resp: 58881

Ion Ratio Lower Upper

43 100

74 25.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

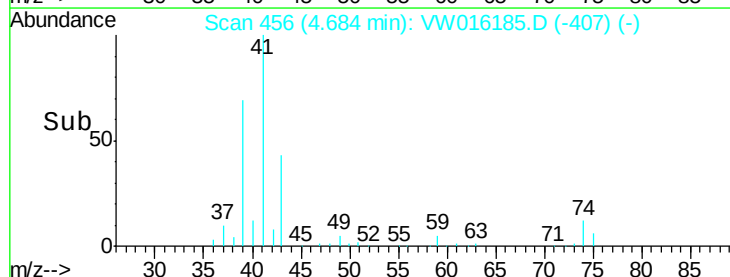
15000

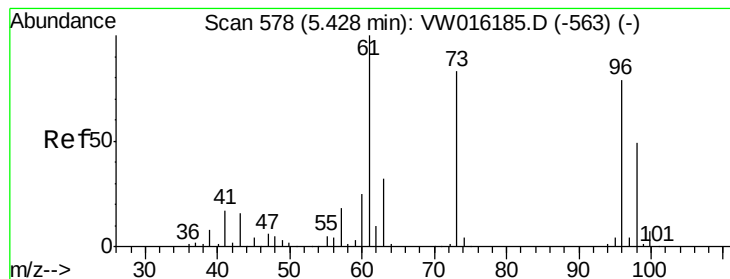
10000

5000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 51.990 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

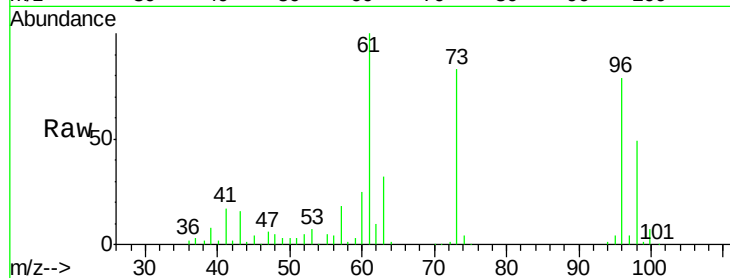
VSTDICCC050

Tgt Ion: 73 Resp: 192337

Ion Ratio Lower Upper

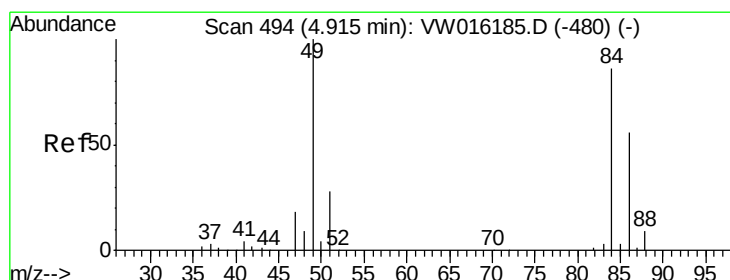
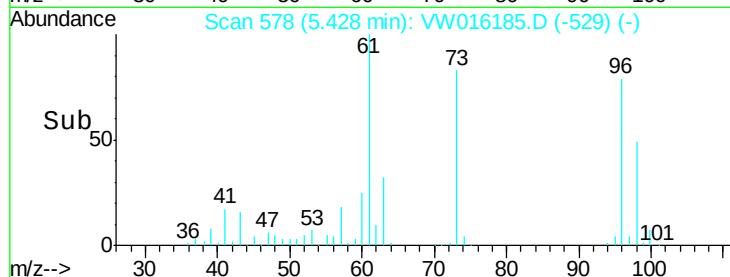
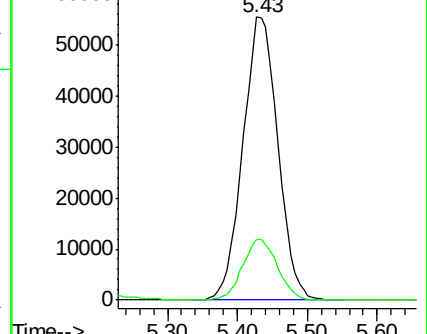
73 100

57 21.5 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: 49.993 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tgt Ion: 84 Resp: 154751

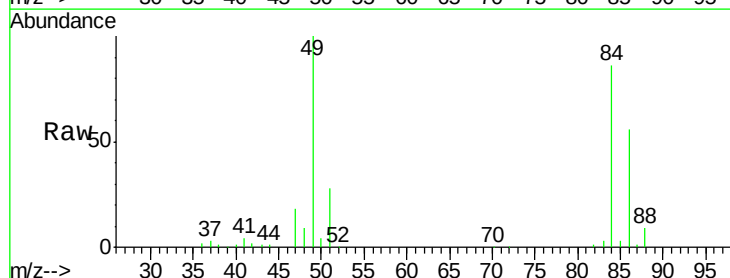
Ion Ratio Lower Upper

84 100

49 116.8 93.4 140.2

51 33.3 26.6 40.0

86 65.2 52.2 78.2

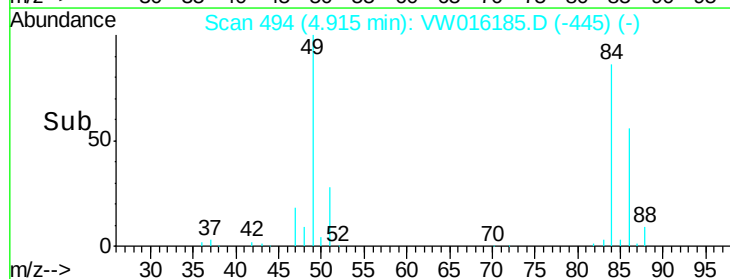
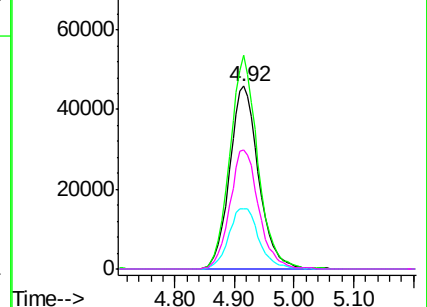


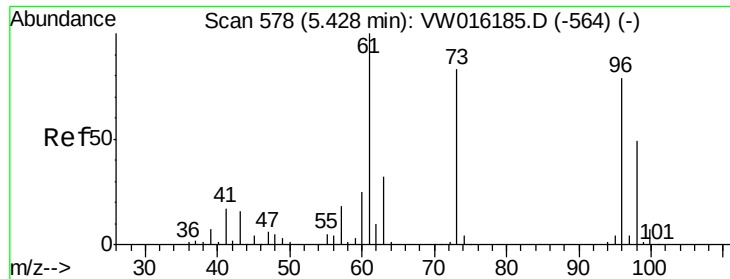
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 53.197 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

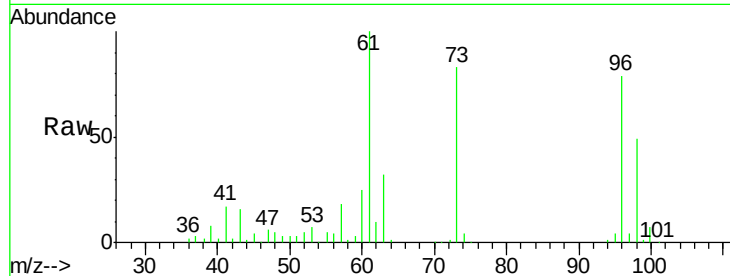
Tgt Ion: 96 Resp: 155164

Ion Ratio Lower Upper

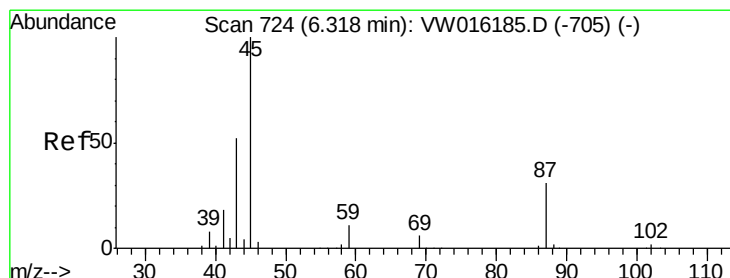
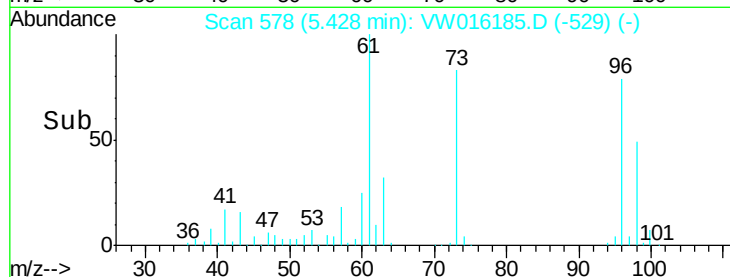
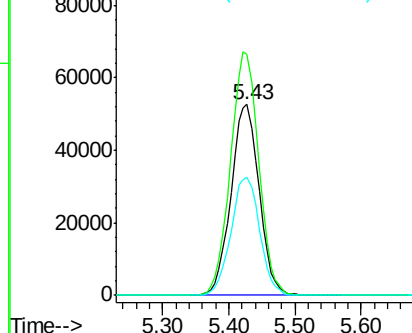
96 100

61 126.7 101.4 152.0

98 61.7 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: 46.937 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tgt Ion: 45 Resp: 374663

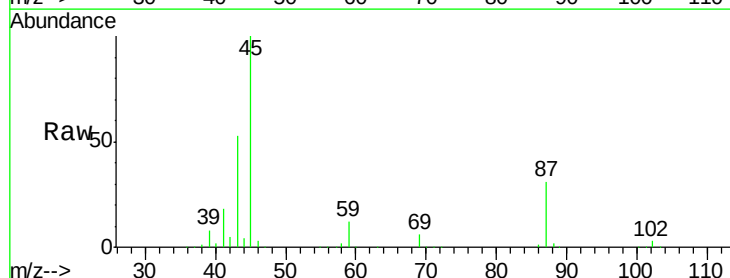
Ion Ratio Lower Upper

45 100

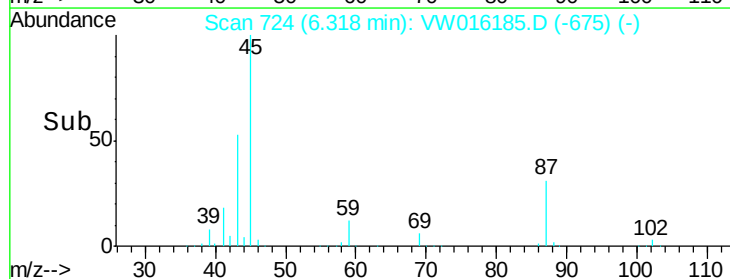
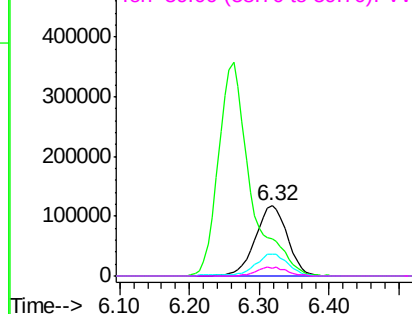
43 52.1 41.7 62.5

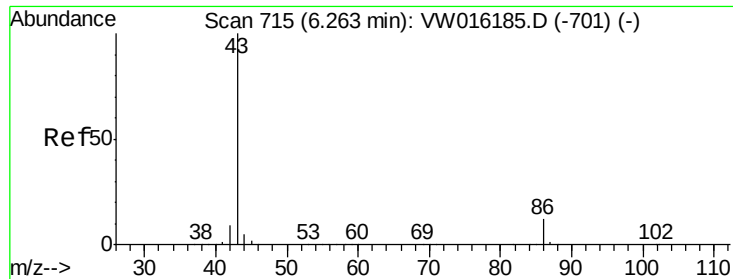
87 31.3 25.0 37.6

59 11.5 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: 240.523 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

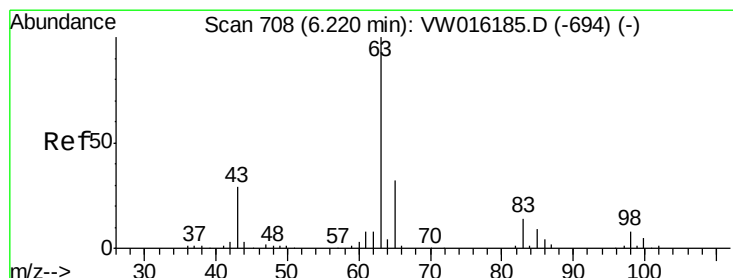
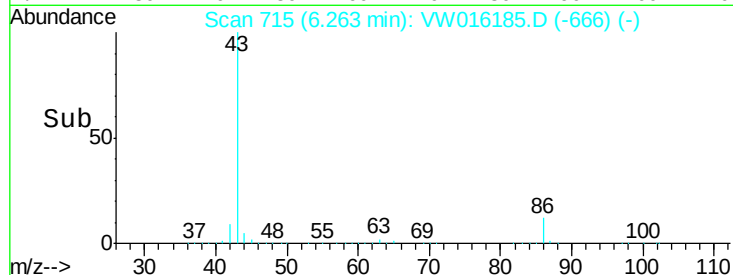
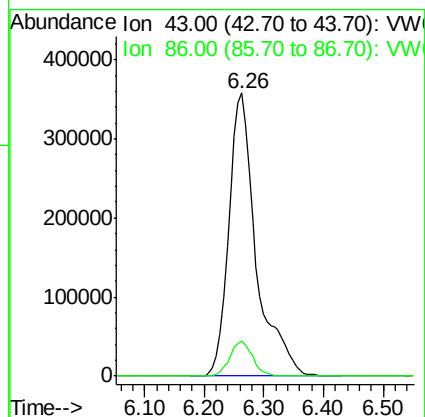
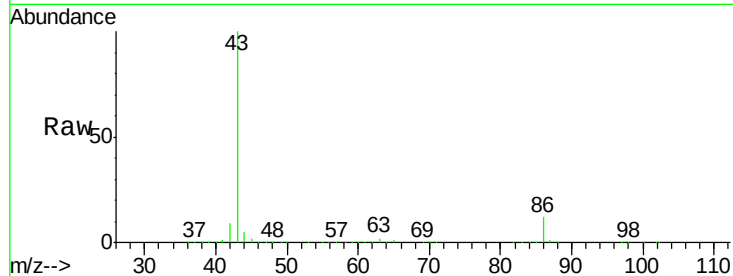
VSTDICCC050

Tgt Ion: 43 Resp: 1141251

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8



#24

1,1-Dichloroethane

Concen: 48.300 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

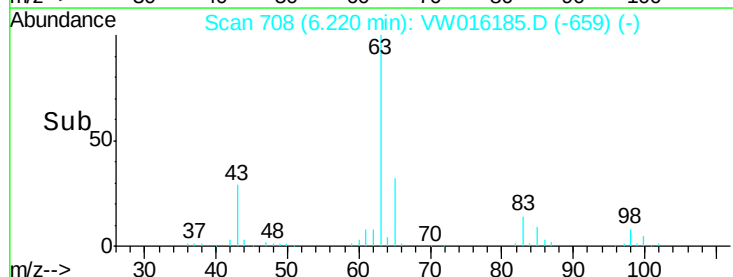
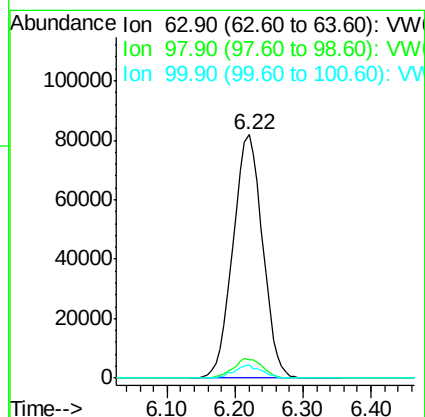
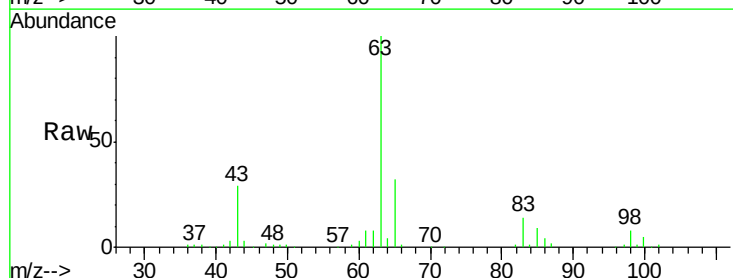
Tgt Ion: 63 Resp: 247154

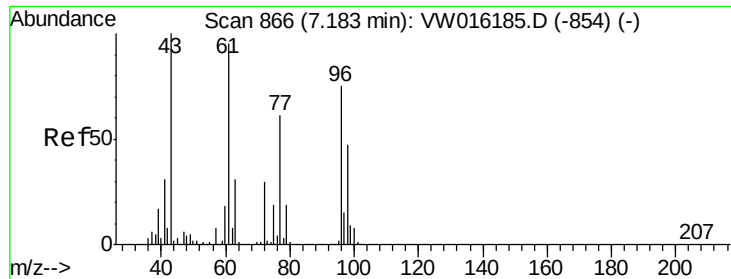
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.3 2.6 8.0

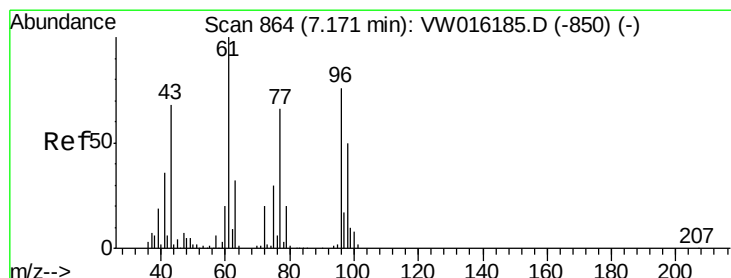
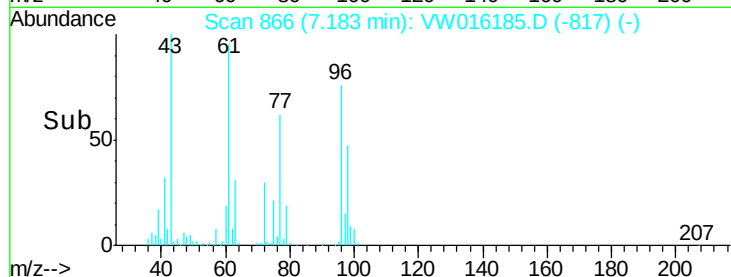
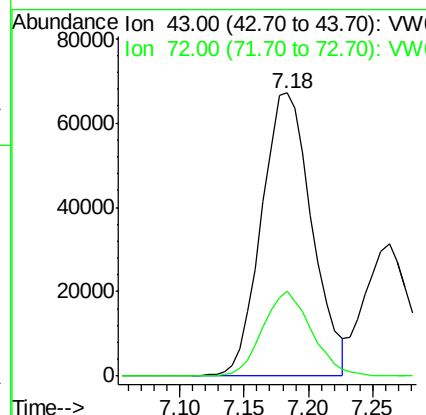
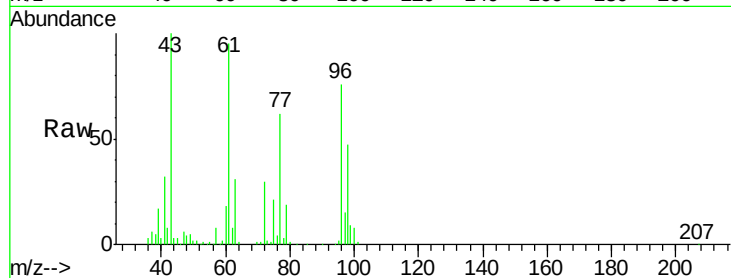




#25
2-Butanone
Concen: 259.095 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

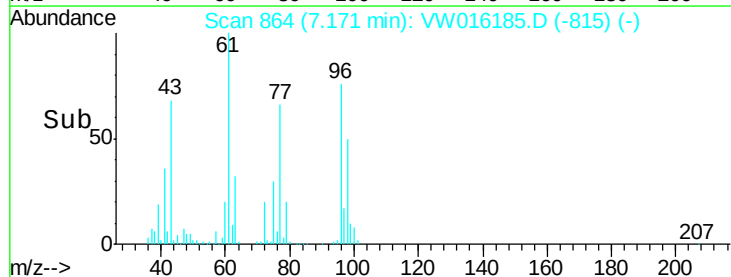
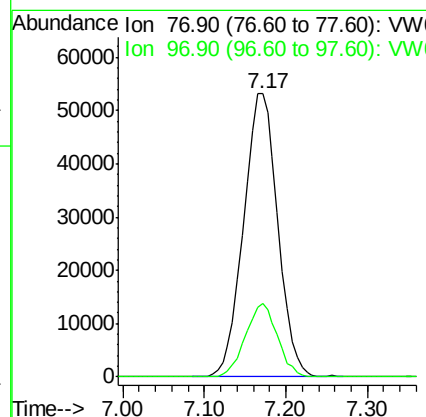
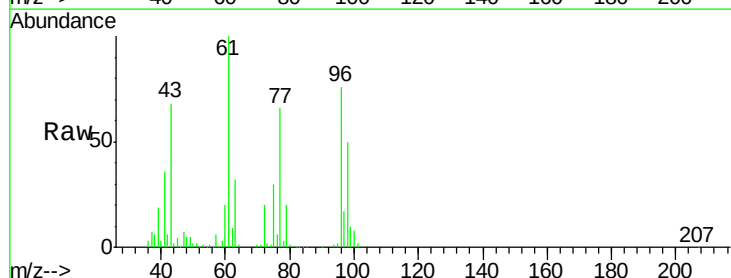
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

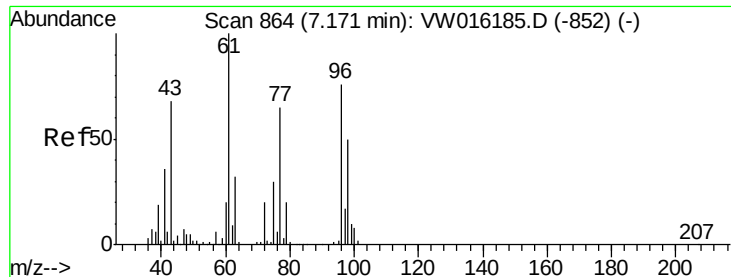
Tgt Ion: 43 Resp: 182773
Ion Ratio Lower Upper
43 100
72 30.2 24.2 36.2



#26
2,2-Dichloropropane
Concen: 48.211 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 77 Resp: 155055
Ion Ratio Lower Upper
77 100
97 24.2 12.1 36.3



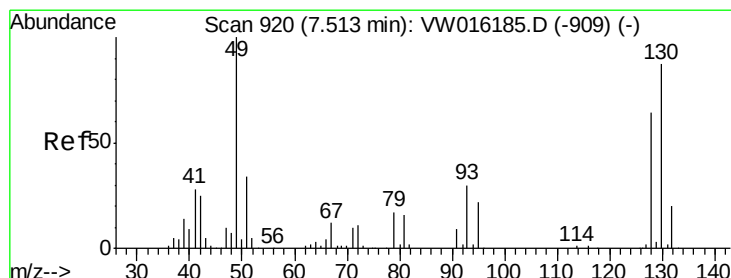
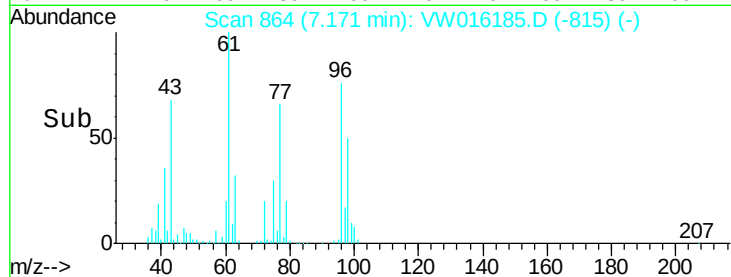
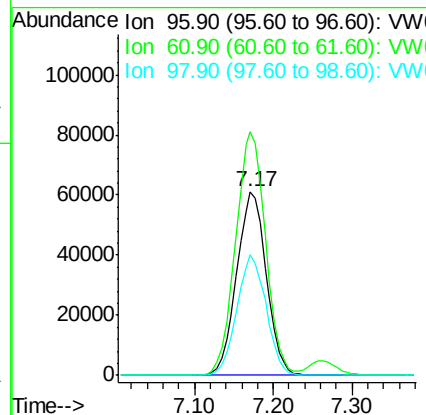
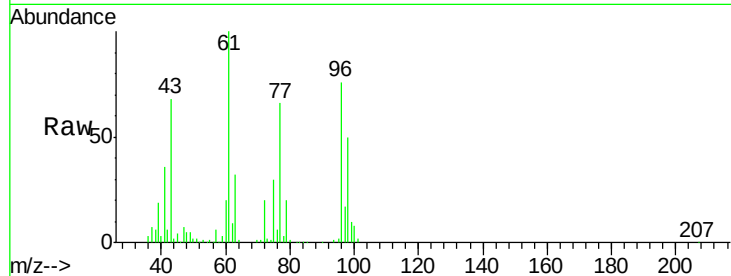


#27

cis-1,2-Dichloroethene
Concen: 51.592 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

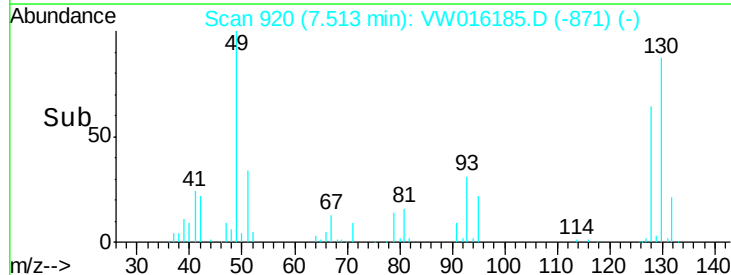
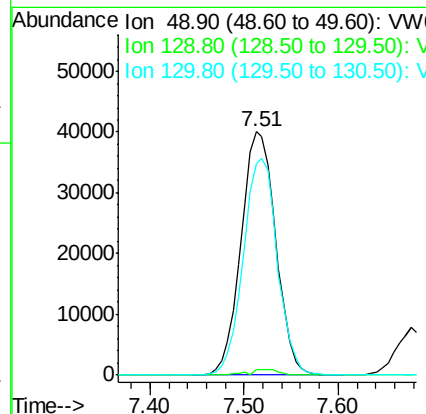
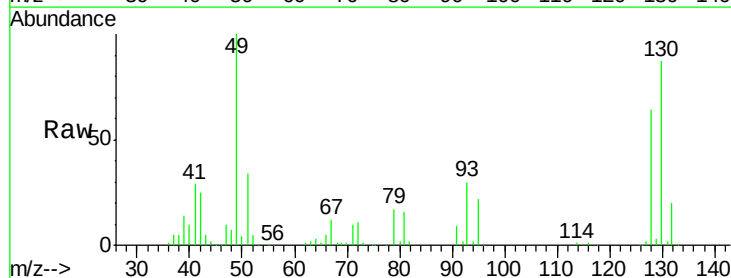
Tgt Ion: 96 Resp: 159849
Ion Ratio Lower Upper
96 100
61 133.5 0.0 267.0
98 64.8 0.0 129.6

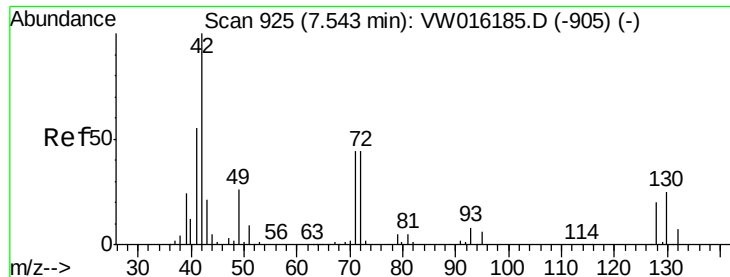


#28

Bromochloromethane
Concen: 50.173 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 49 Resp: 103366
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 87.4 69.9 104.9





#29

Tetrahydrofuran

Concen: 256.695 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

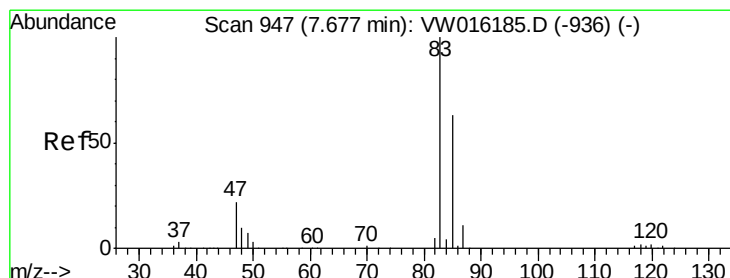
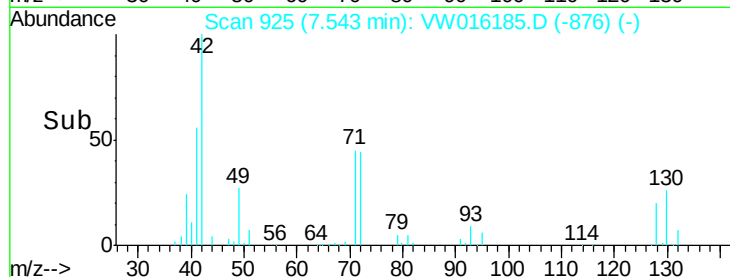
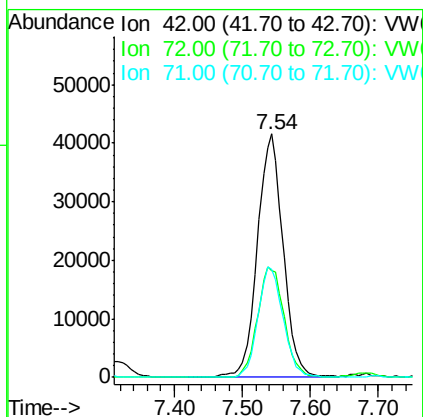
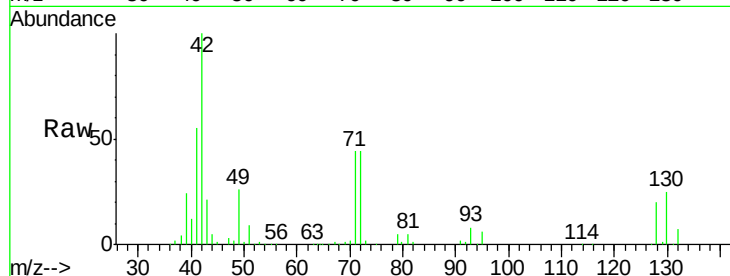
Tgt Ion: 42 Resp: 109949

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.2

71 44.5 35.6 53.4



#30

Chloroform

Concen: 48.900 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW016185.D

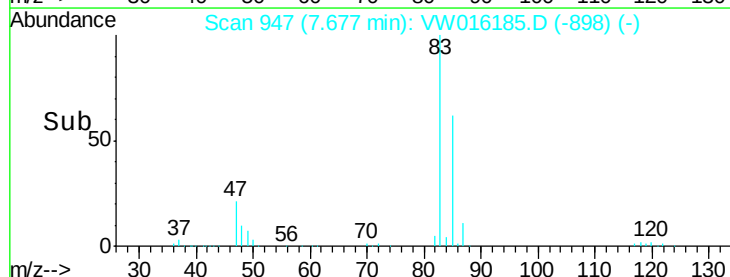
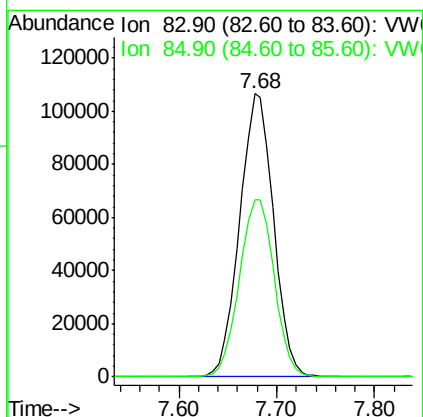
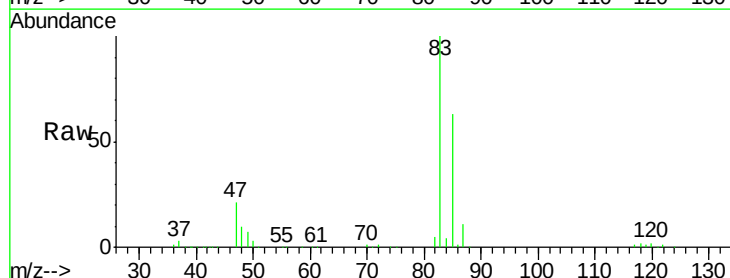
Acq: 14 Aug 2020 11:01

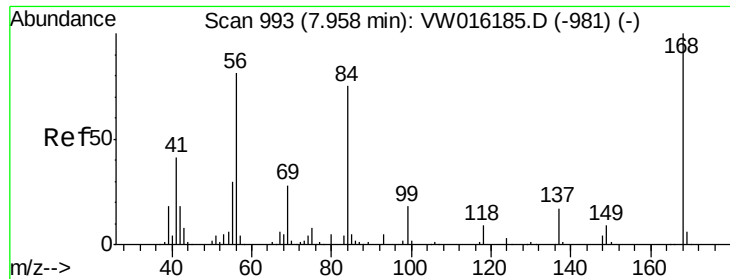
Tgt Ion: 83 Resp: 256412

Ion Ratio Lower Upper

83 100

85 62.5 50.0 75.0

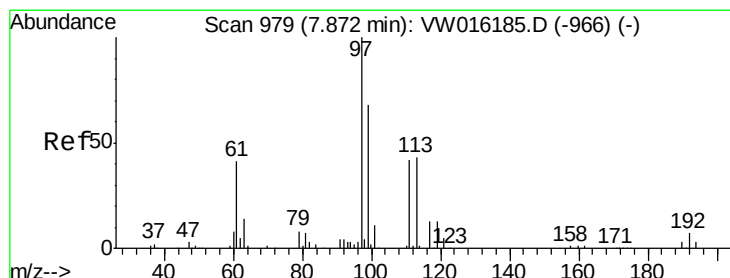
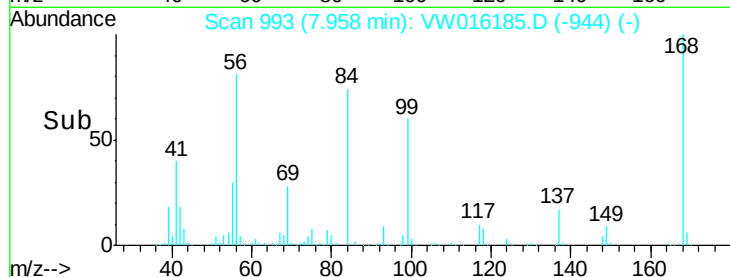
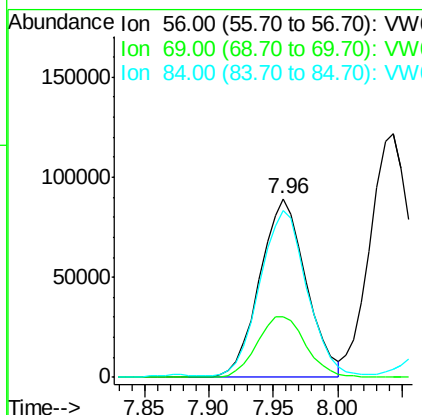
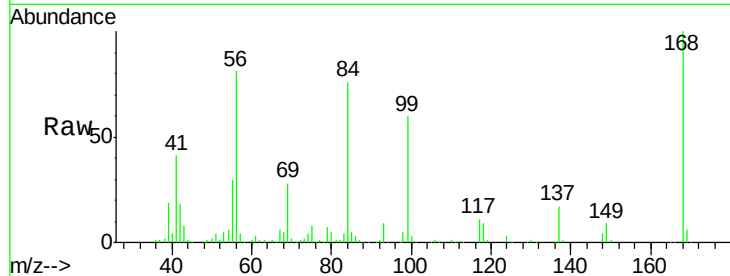




#31
Cyclohexane
Concen: 46.173 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

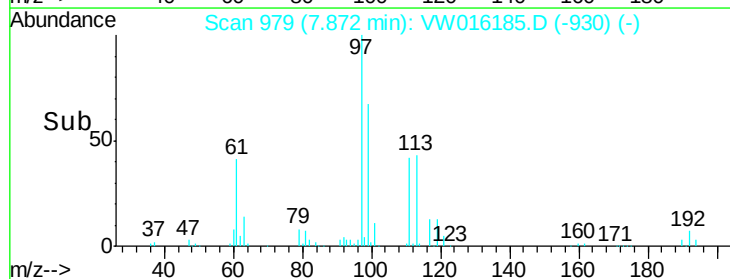
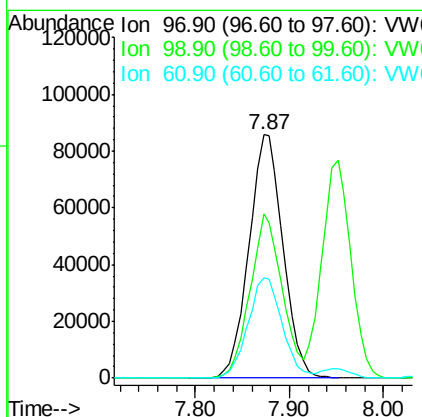
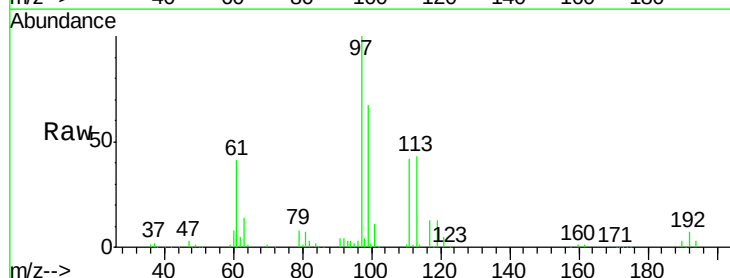
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

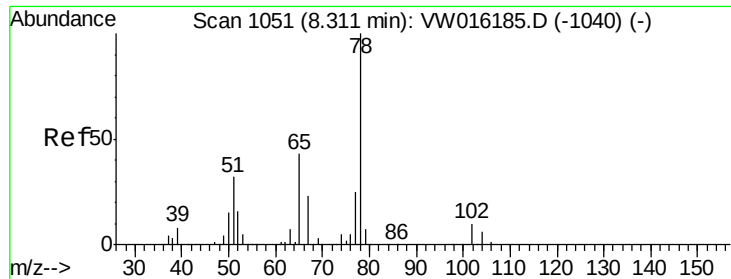
Tgt Ion: 56 Resp: 222947
Ion Ratio Lower Upper
56 100
69 34.1 27.3 40.9
84 91.9 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 49.338 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 97 Resp: 216966
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 41.5 33.2 49.8

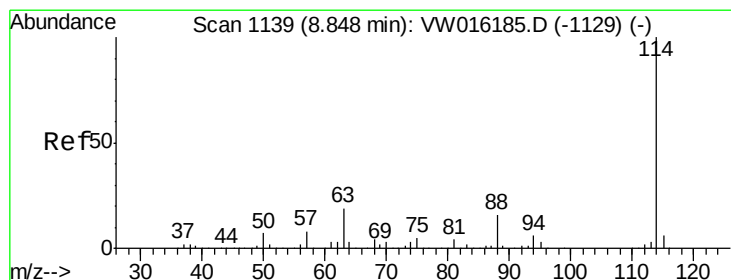
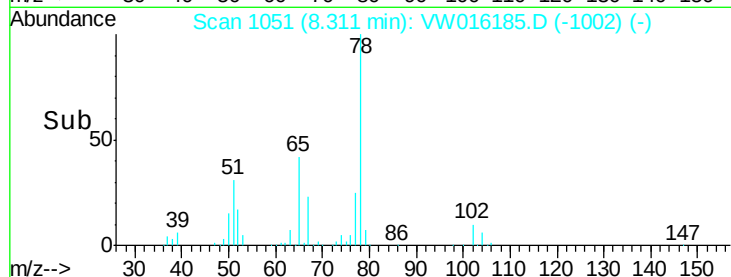
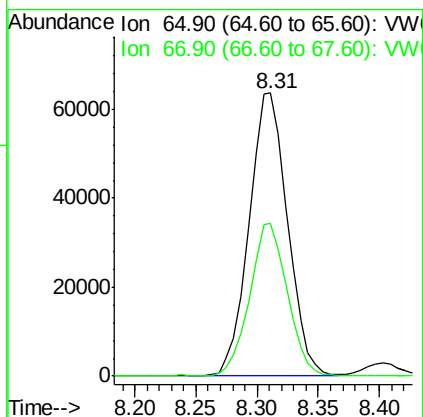
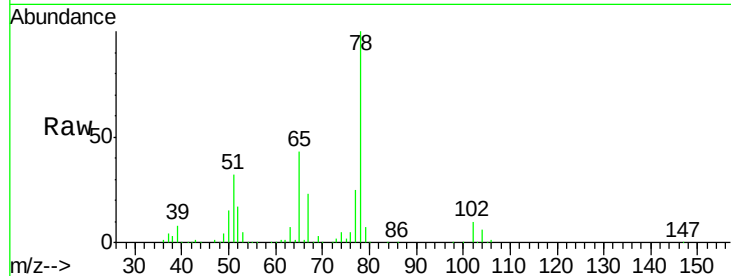




#33
 1,2-Dichloroethane-d4
 Concen: 49.445 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

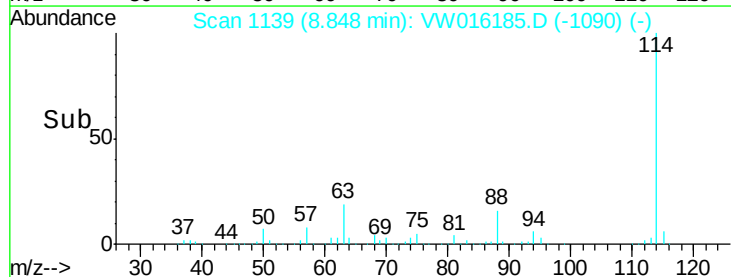
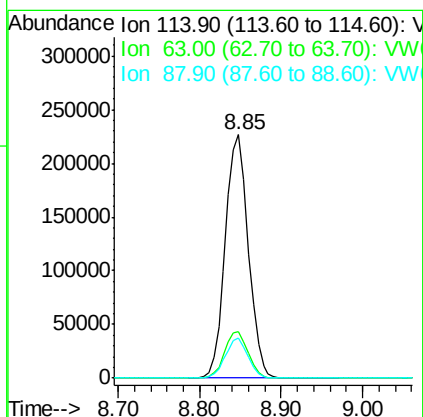
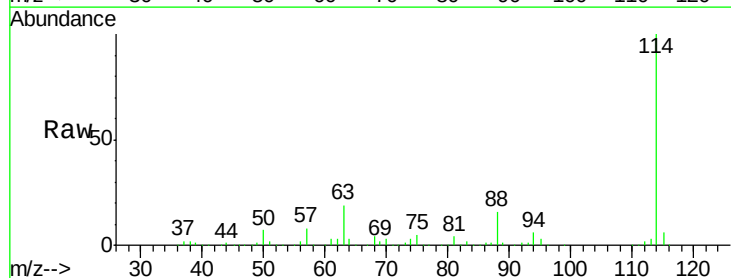
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

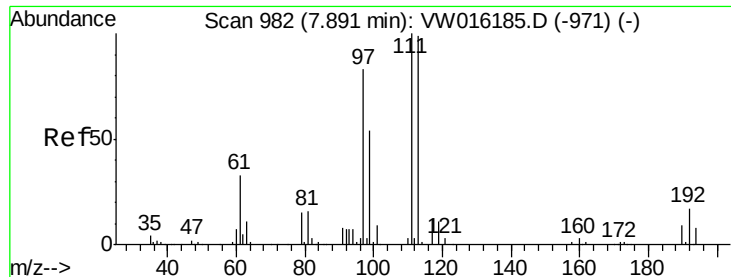
Tgt Ion: 65 Resp: 139583
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 114 Resp: 439424
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 16.4 0.0 32.8

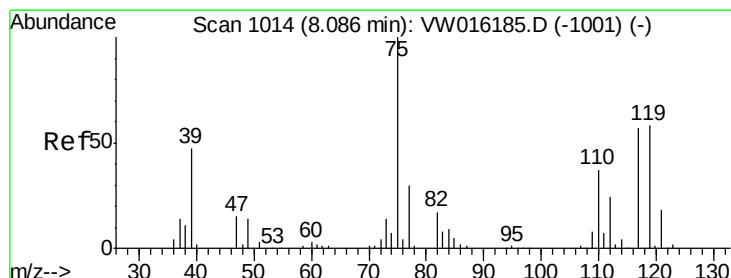
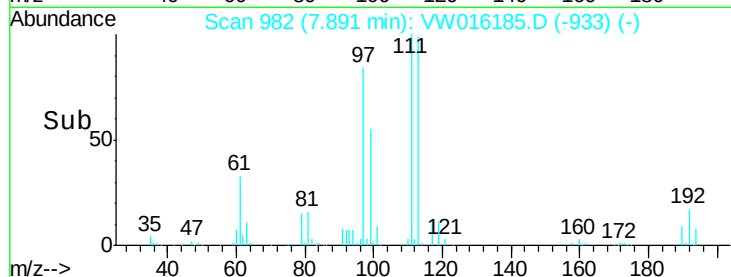
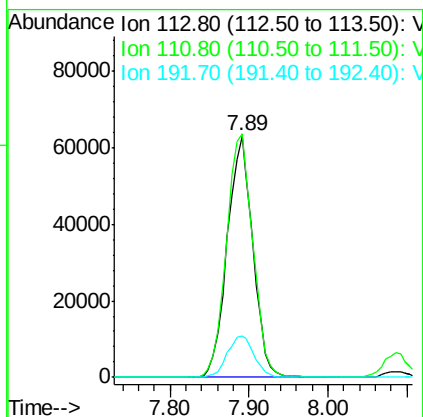
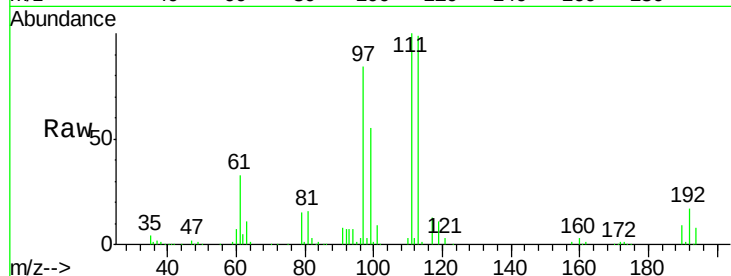




#35
 Dibromofluoromethane
 Concen: 53.956 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

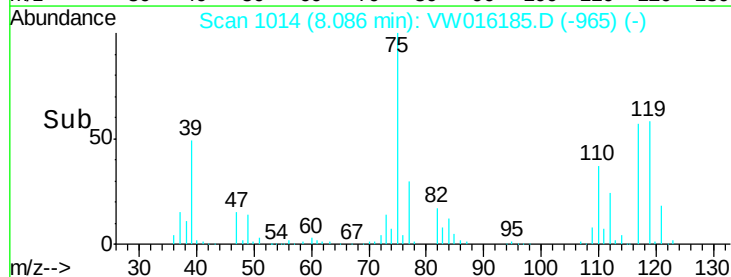
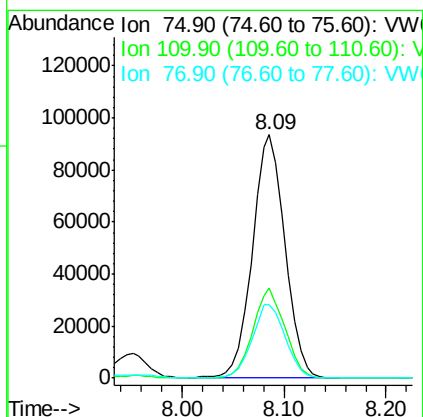
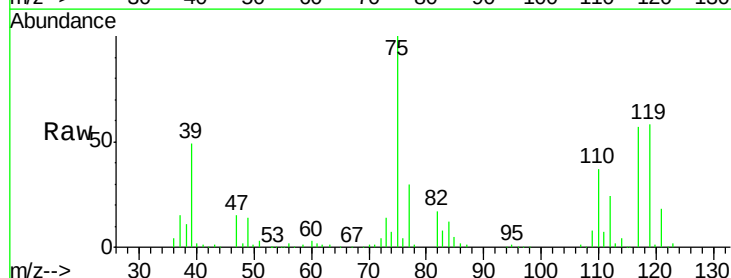
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

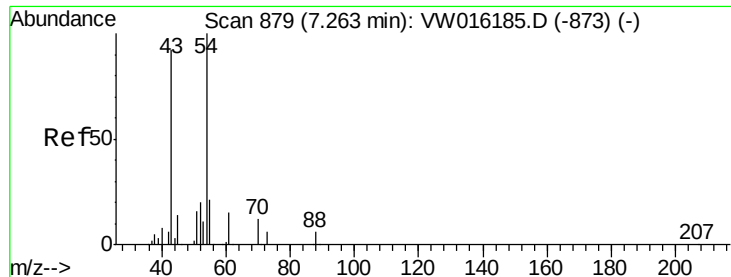
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.5	125.3
192	17.9	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 48.282 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.3
77	30.9	24.7	37.1

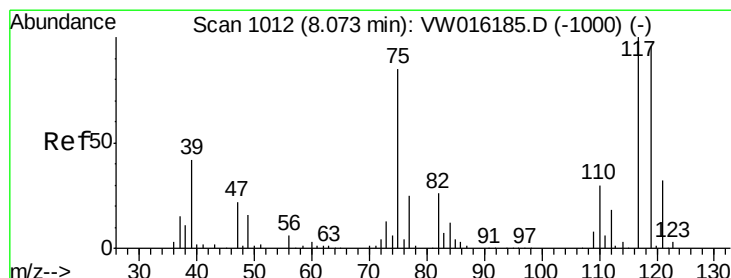
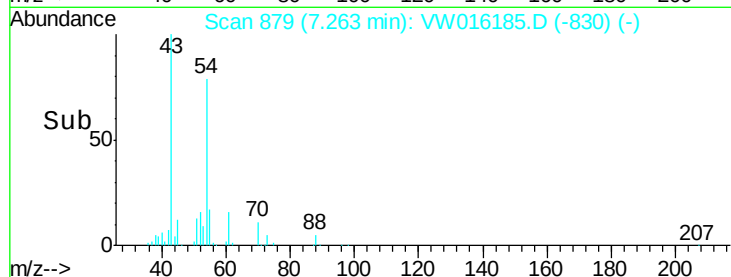
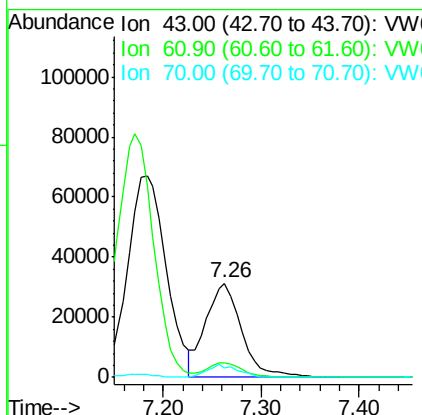
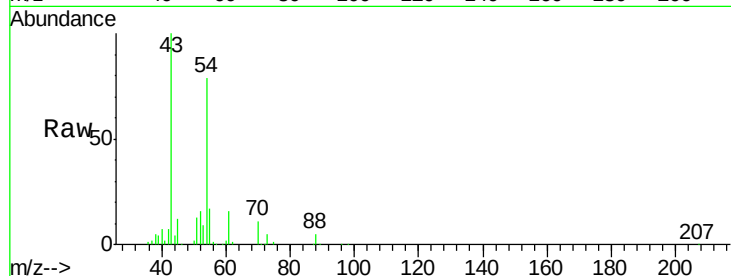




#37
 Ethyl Acetate
 Concen: 47.558 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

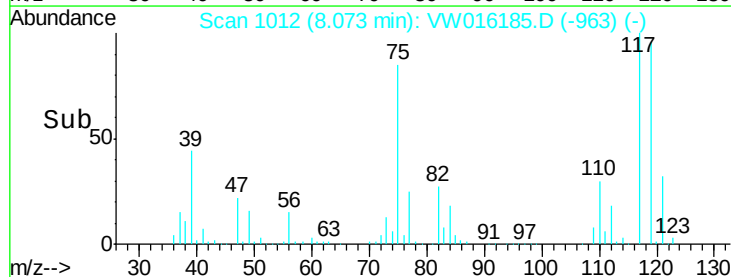
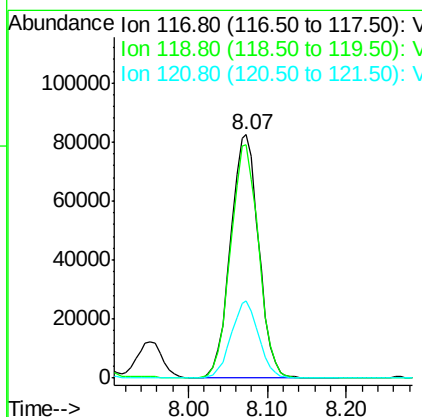
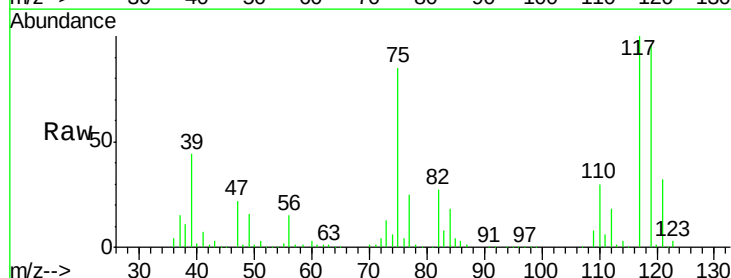
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

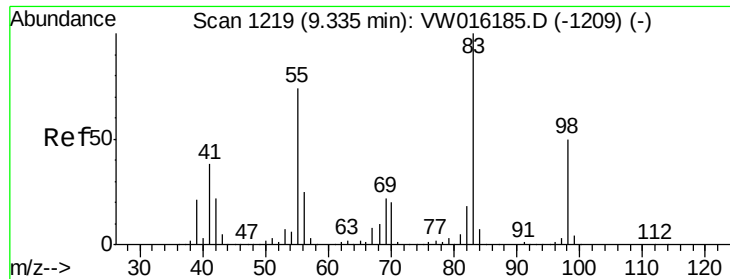
Tgt Ion: 43 Resp: 79099
 Ion Ratio Lower Upper
 43 100
 61 15.7 12.6 18.8
 70 12.3 9.8 14.8



#38
 Carbon Tetrachloride
 Concen: 48.944 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 117 Resp: 204239
 Ion Ratio Lower Upper
 117 100
 119 95.8 76.6 115.0
 121 31.7 25.4 38.0

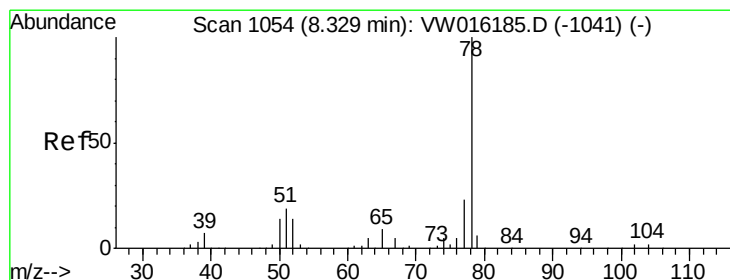
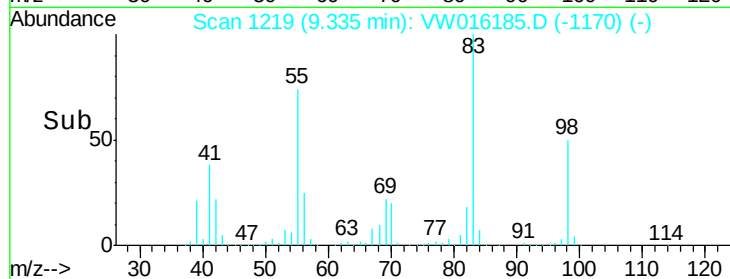
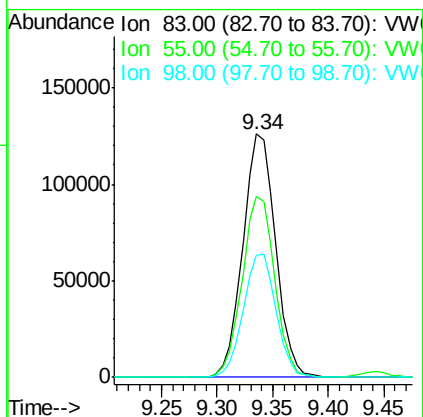
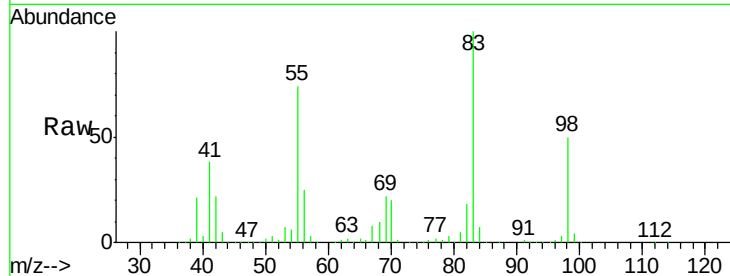




#39
Methylcyclohexane
Concen: 50.725 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

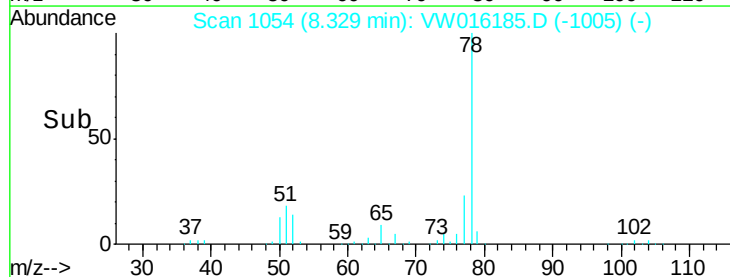
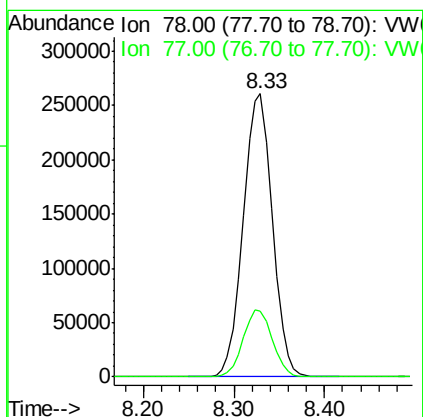
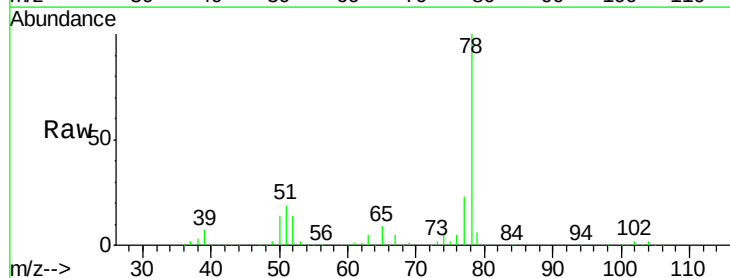
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

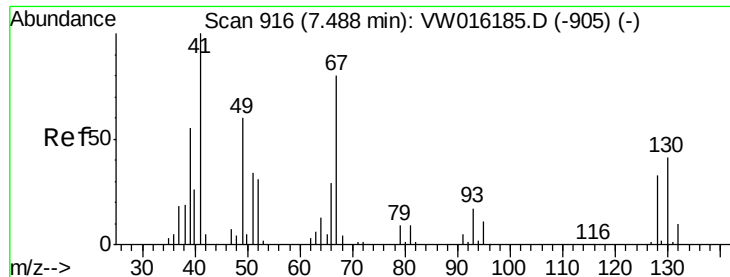
Tgt Ion: 83 Resp: 257991
Ion Ratio Lower Upper
83 100
55 74.0 59.2 88.8
98 50.2 40.2 60.2



#40
Benzene
Concen: 49.091 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 78 Resp: 579932
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

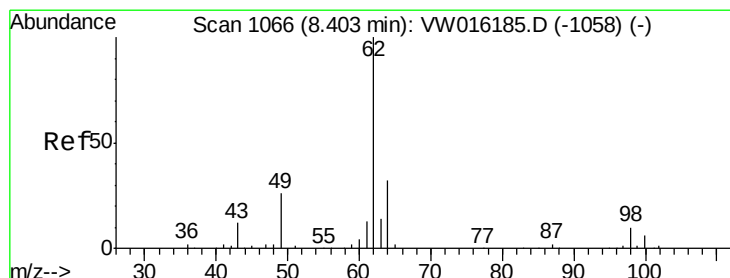
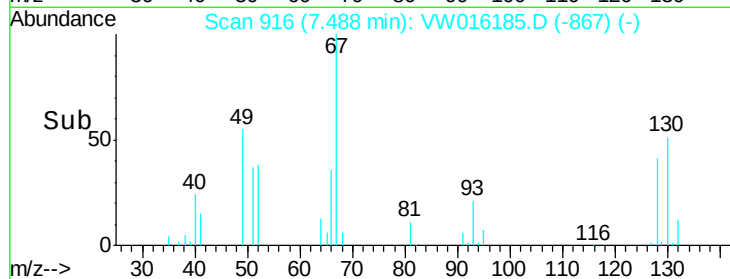
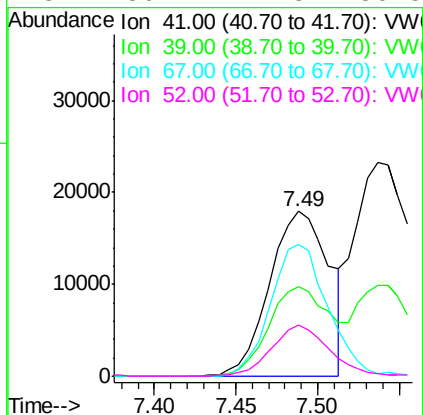
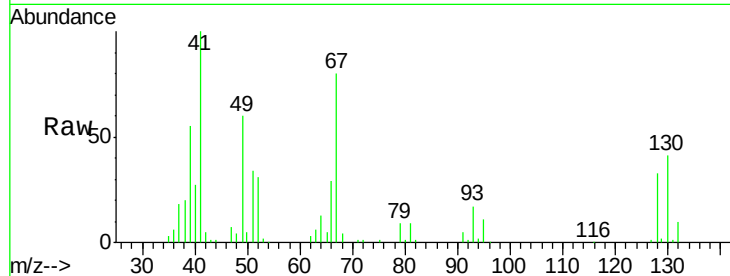




#41
Methacrylonitrile
Concen: 48.345 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

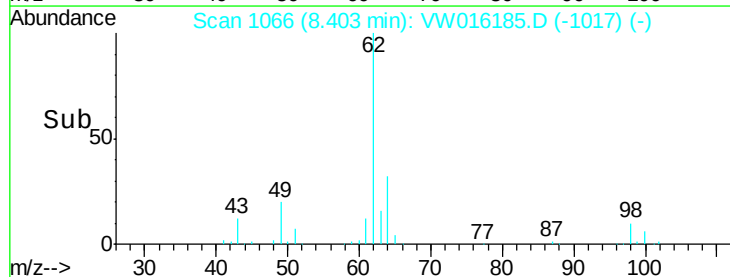
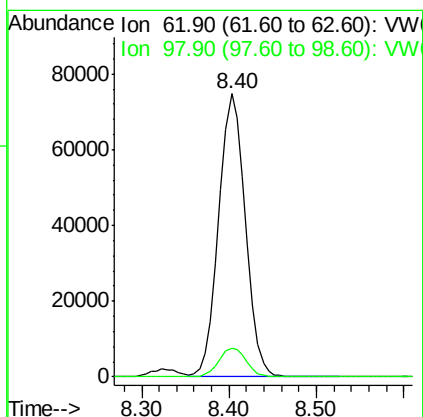
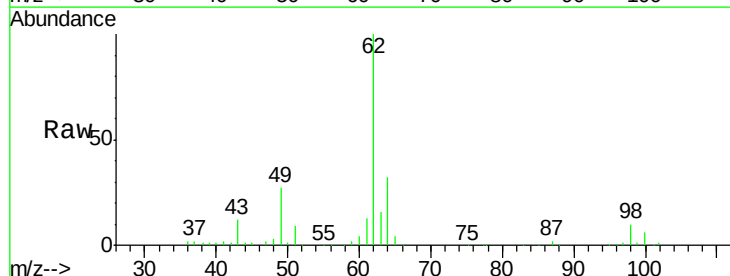
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

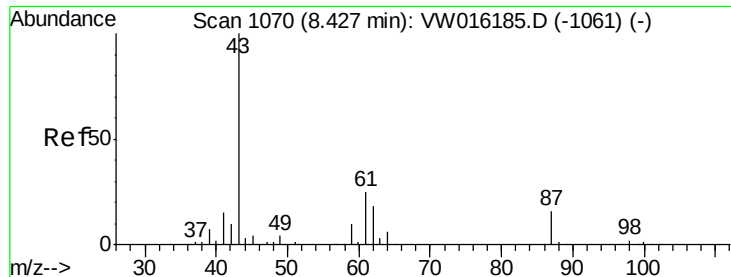
Tgt Ion:	41	Resp:	45591
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.4	65.2
67	76.9	61.5	92.3
52	30.4	24.3	36.5



#42
1,2-Dichloroethane
Concen: 44.072 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion:	62	Resp:	158437
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8





#43

Isopropyl Acetate

Concen: 45.839 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

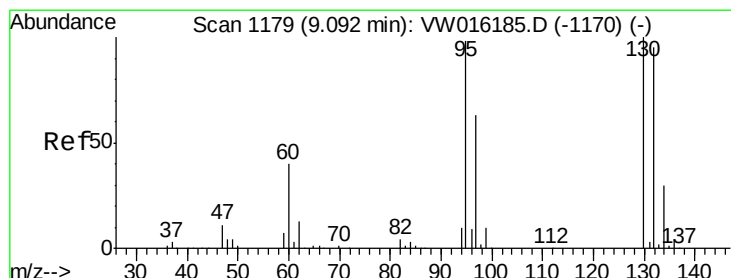
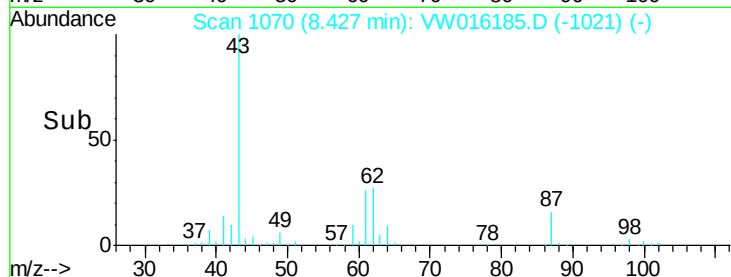
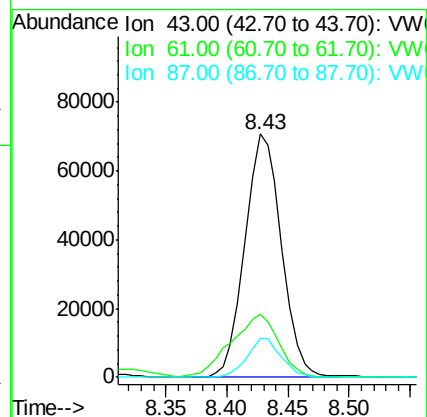
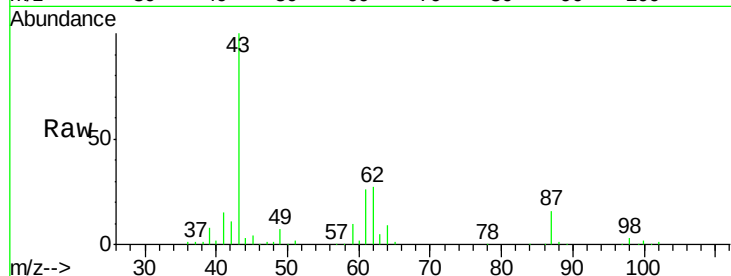
Tgt Ion: 43 Resp: 147168

Ion Ratio Lower Upper

43 100

61 33.6 26.9 40.3

87 15.0 12.0 18.0



#44

Trichloroethene

Concen: 51.161 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016185.D

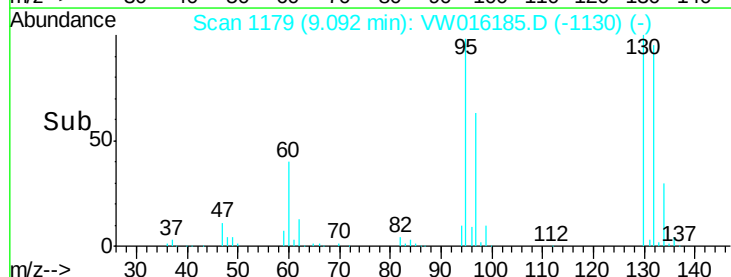
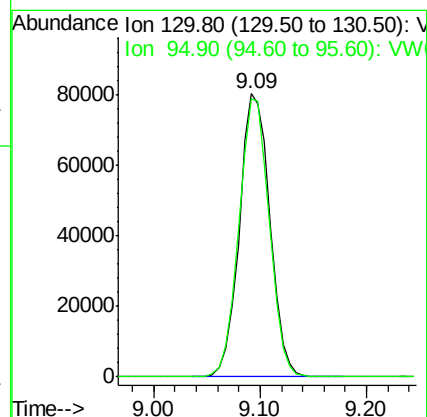
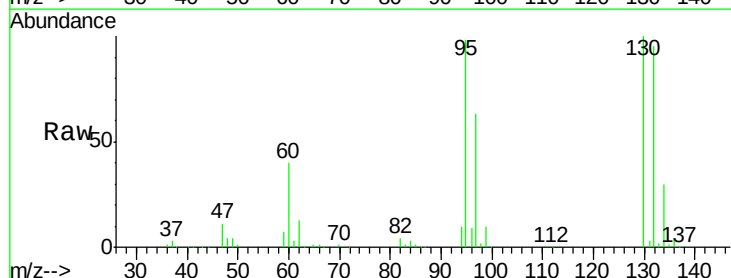
Acq: 14 Aug 2020 11:01

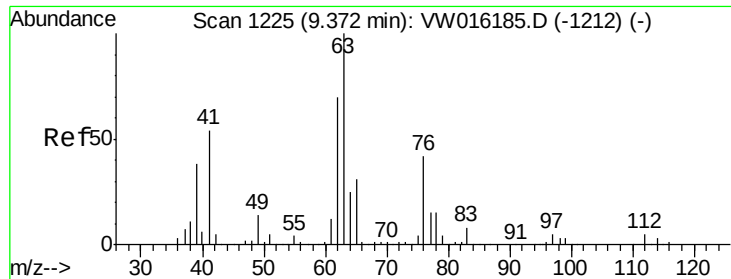
Tgt Ion: 130 Resp: 161082

Ion Ratio Lower Upper

130 100

95 98.2 0.0 196.4

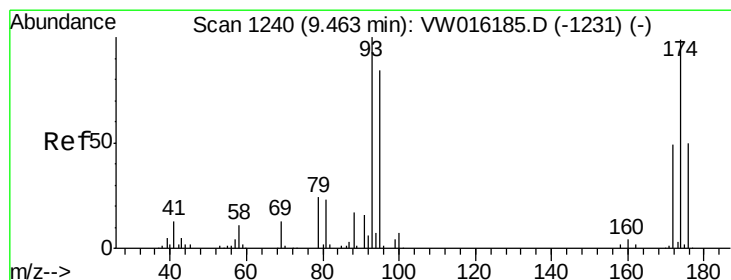
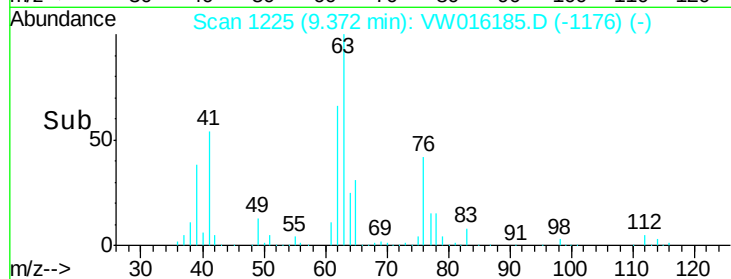
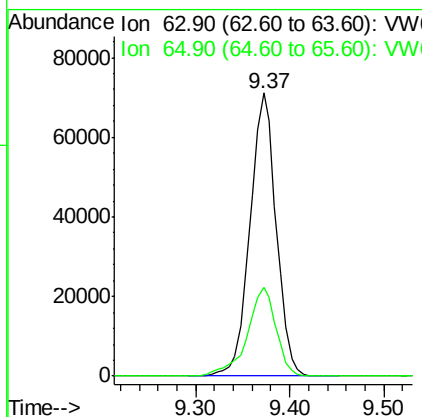
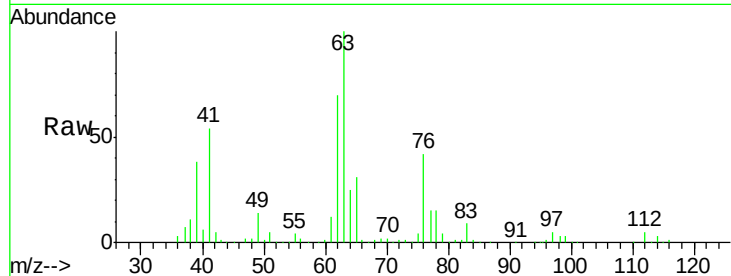




#45
 1,2-Dichloropropane
 Concen: 48.122 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

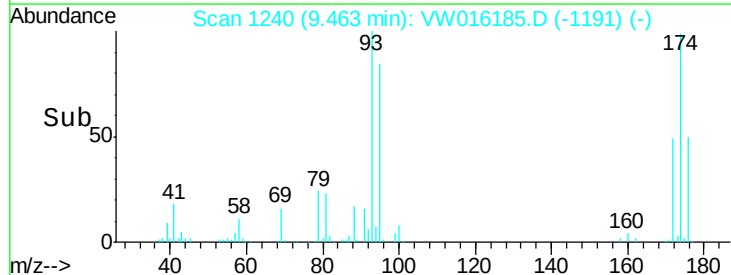
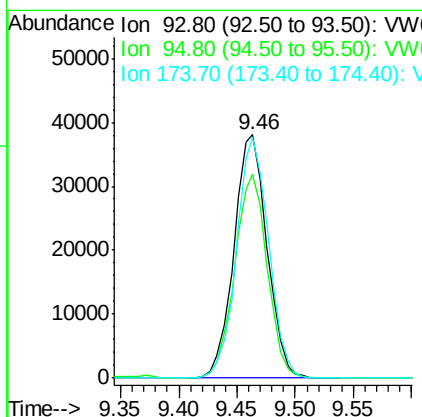
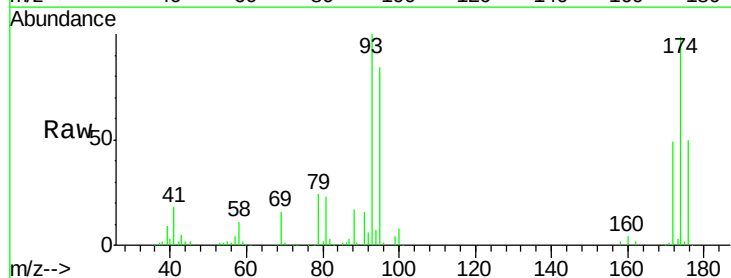
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

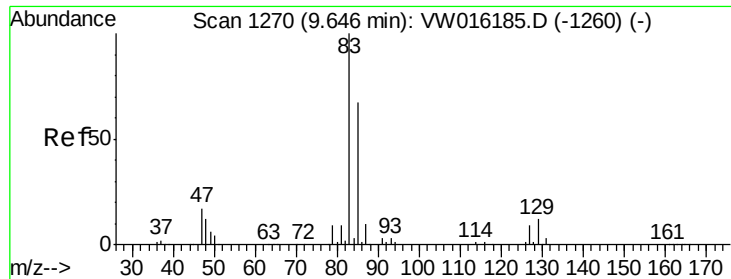
Tgt Ion: 63 Resp: 139073
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 50.346 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 93 Resp: 75368
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 96.3 77.0 115.6





#47

Bromodichloromethane

Concen: 49.081 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

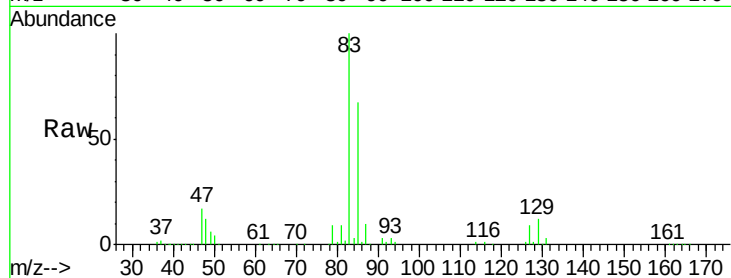
Tgt Ion: 83 Resp: 188923

Ion Ratio Lower Upper

83 100

85 66.6 53.3 79.9

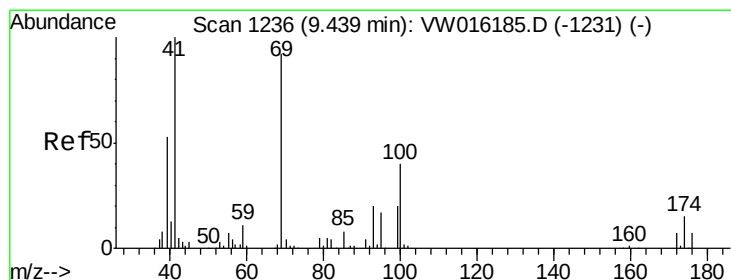
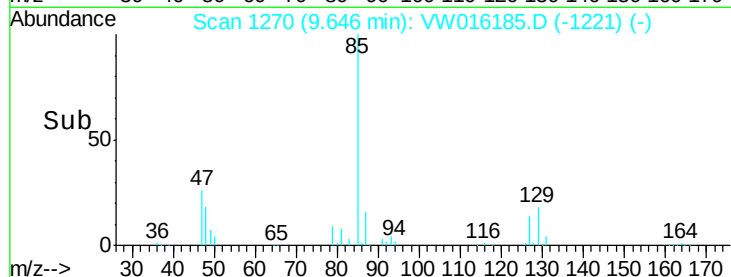
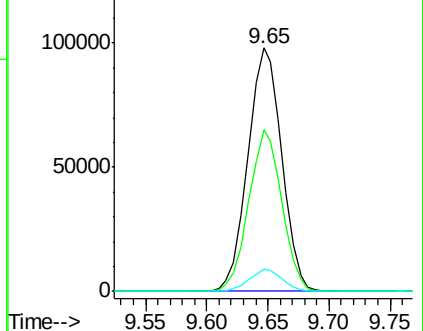
127 9.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 47.818 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

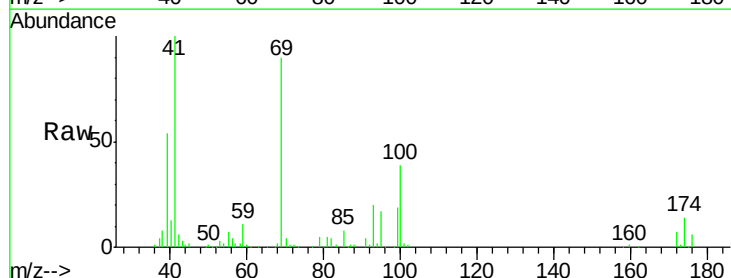
Tgt Ion: 41 Resp: 70156

Ion Ratio Lower Upper

41 100

69 96.7 77.4 116.0

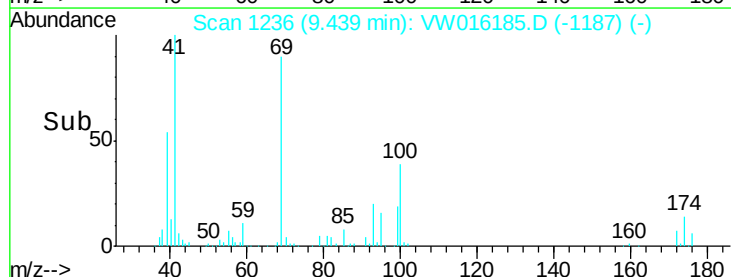
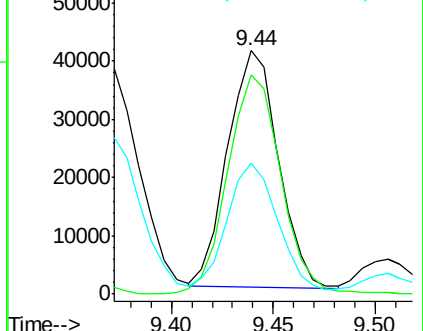
39 52.7 42.2 63.2

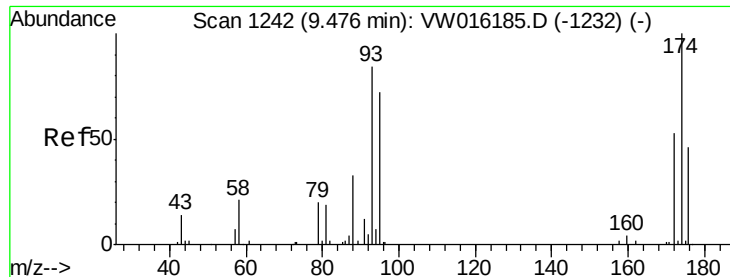


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

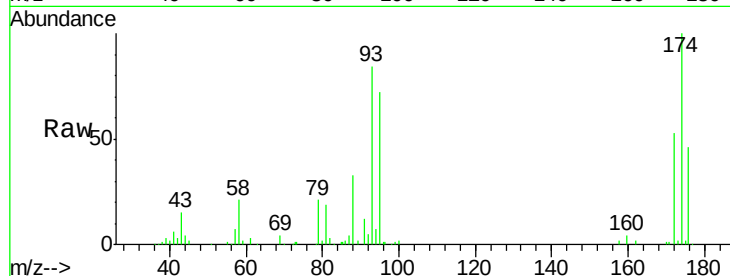




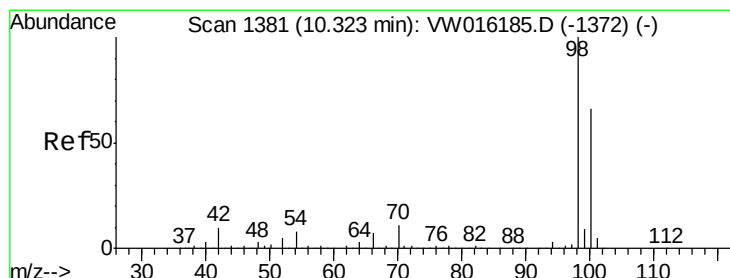
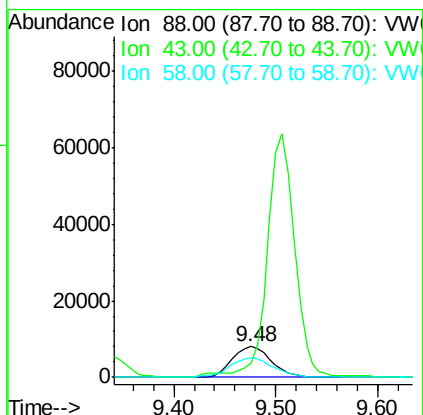
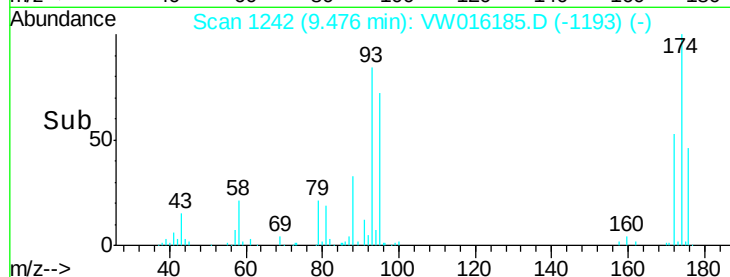
#49
 1,4-Dioxane
 Concen: 1146.870 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 21518
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 70.7 56.6 84.8

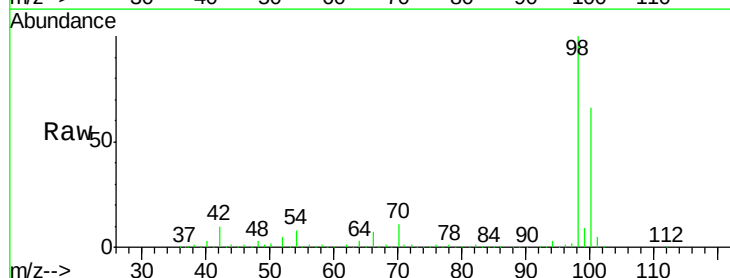


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

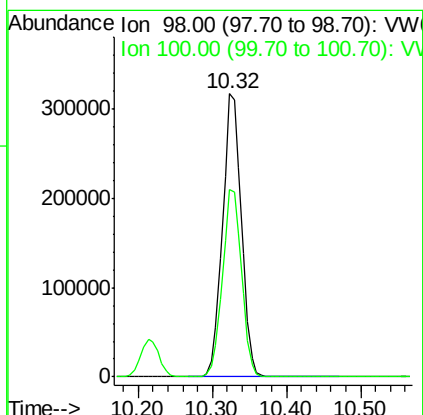
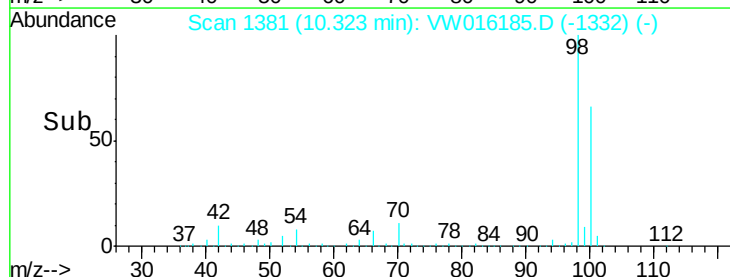


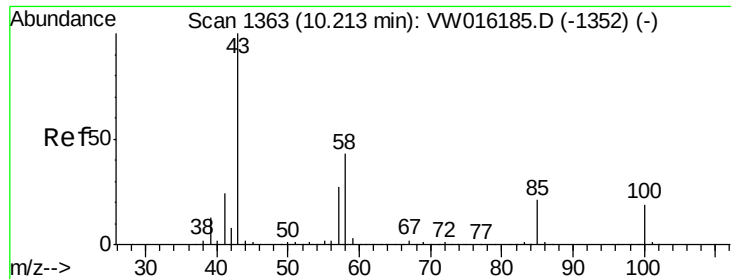
#50
 Toluene-d8
 Concen: 55.112 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 98 Resp: 558691
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

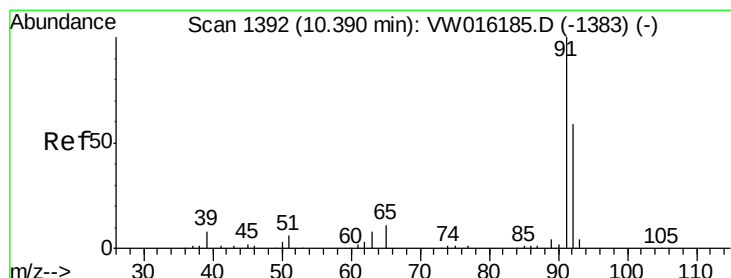
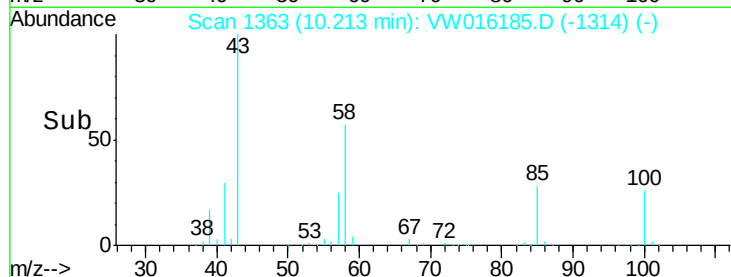
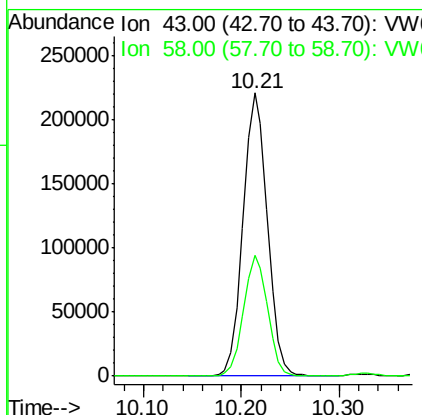
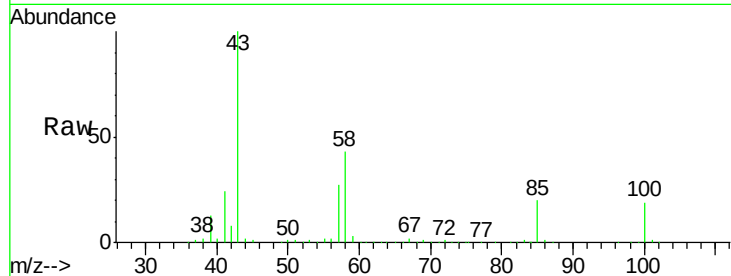




#51
 4-Methyl-2-Pentanone
 Concen: 241.601 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

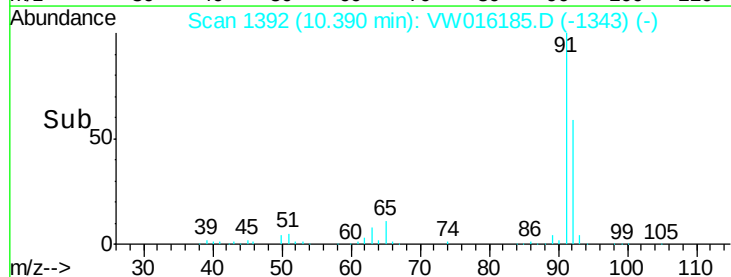
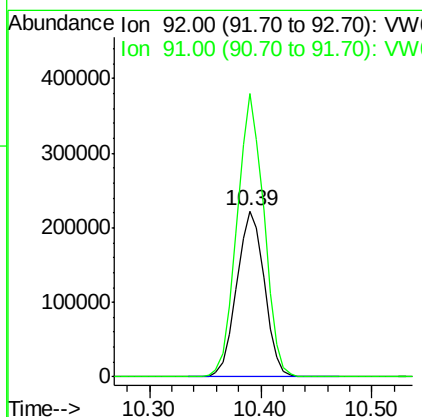
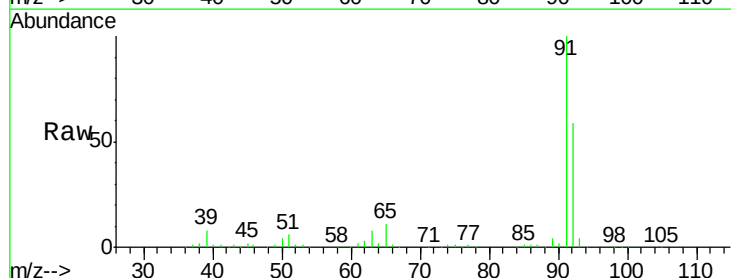
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

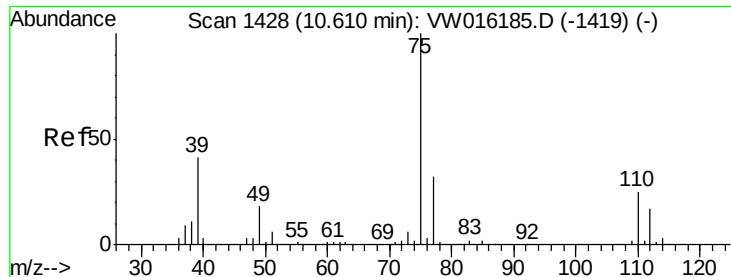
Tgt Ion: 43 Resp: 380037
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.7 50.5



#52
 Toluene
 Concen: 50.253 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 92 Resp: 382709
 Ion Ratio Lower Upper
 92 100
 91 166.6 133.3 199.9

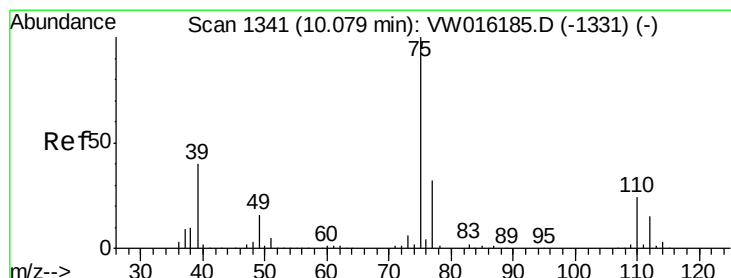
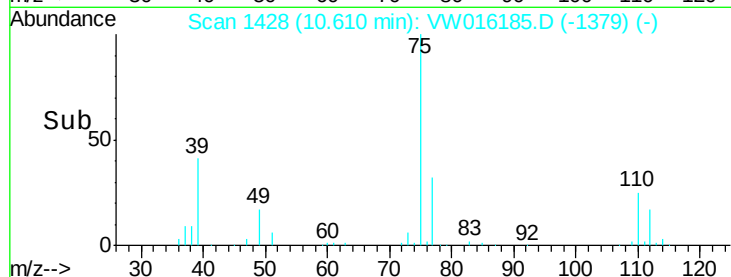
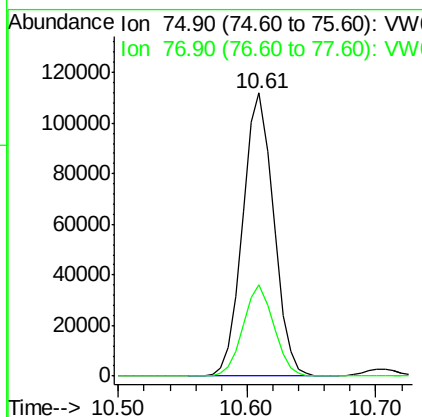
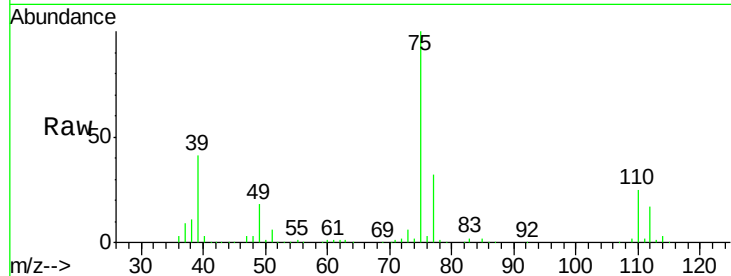




#53
t-1,3-Dichloropropene
Concen: 50.358 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

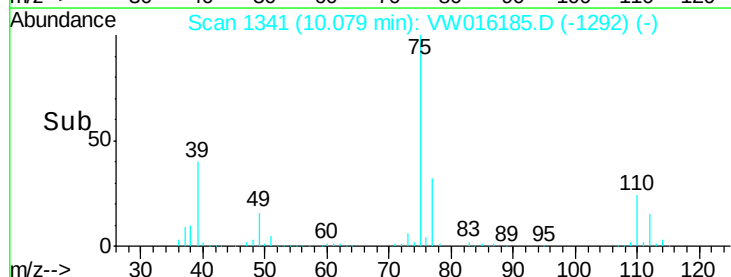
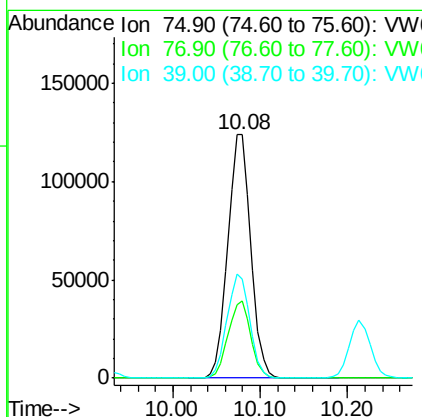
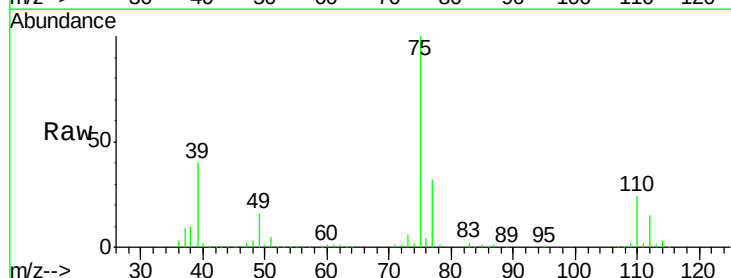
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

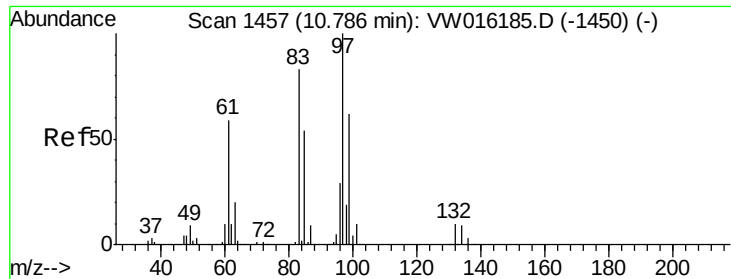
Tgt Ion: 75 Resp: 185457
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.036 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 75 Resp: 226317
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 40.4 32.3 48.5

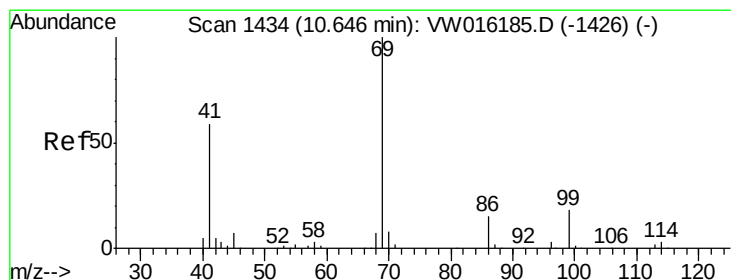
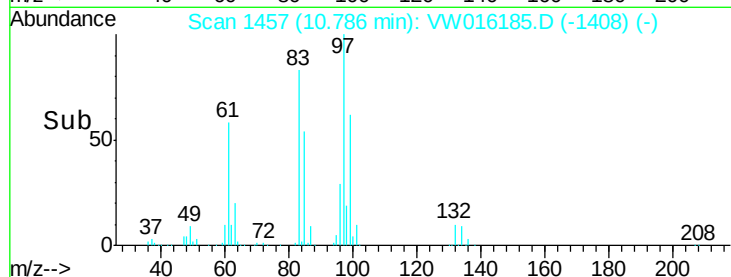
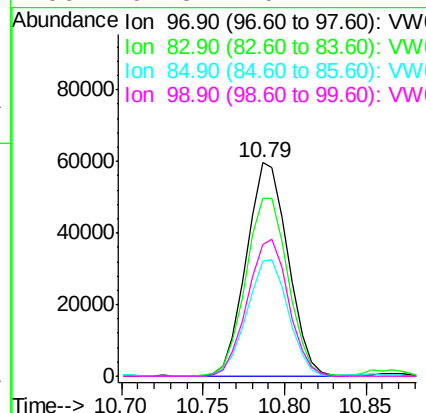
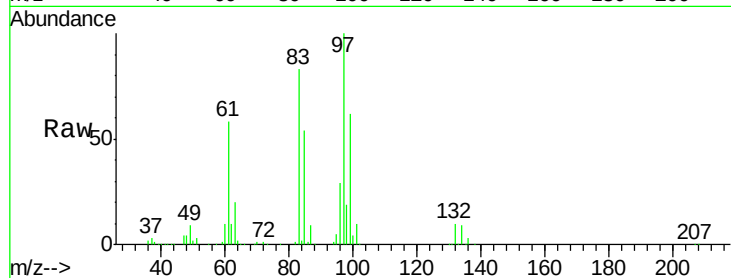




#55
 1,1,2-Trichloroethane
 Concen: 50.904 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

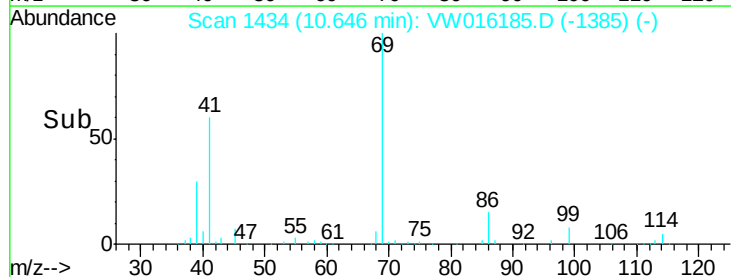
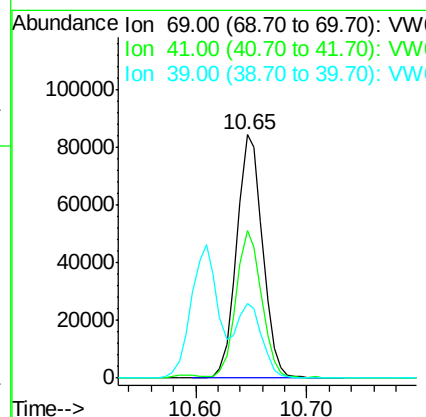
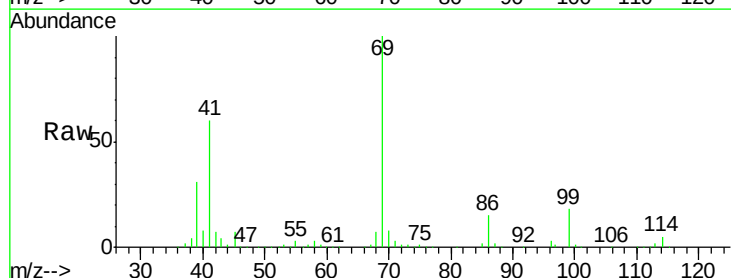
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

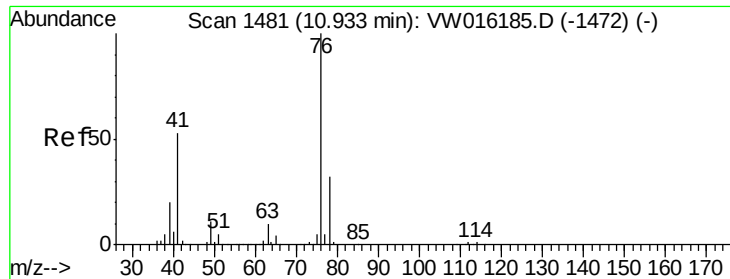
Tgt Ion:	97	Resp:	105750
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.6	100.0
85	53.7	43.0	64.4
99	61.8	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 53.486 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion:	69	Resp:	136580
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.6	71.4
39	30.7	24.6	36.8

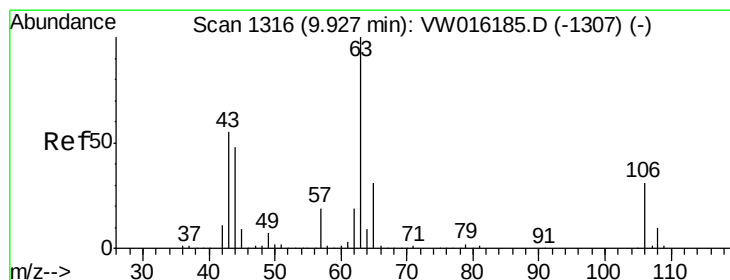
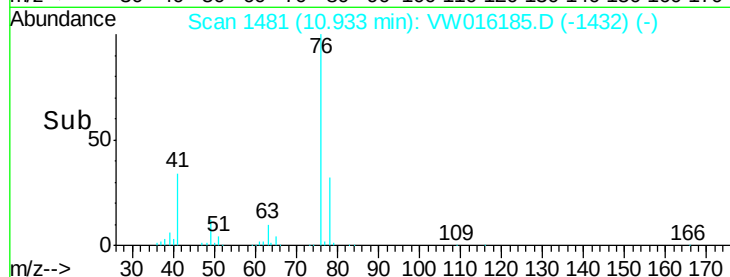
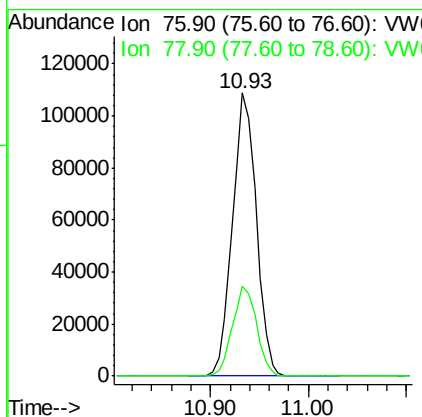
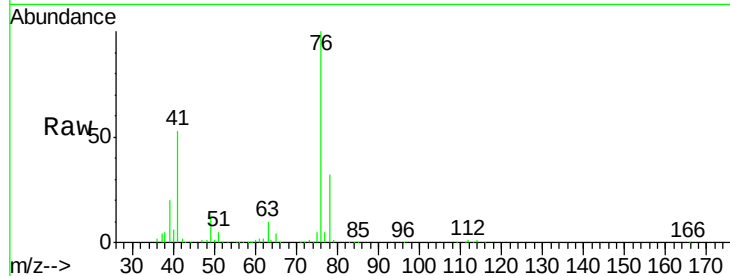




#57
 1,3-Dichloropropane
 Concen: 50.212 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

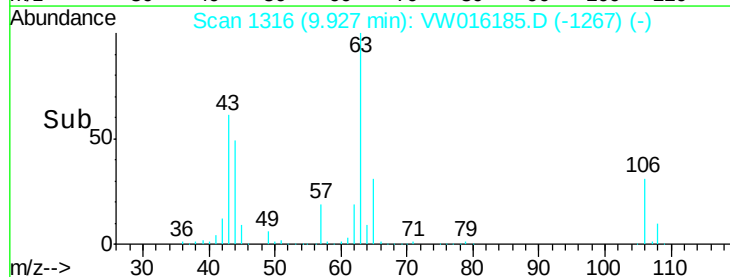
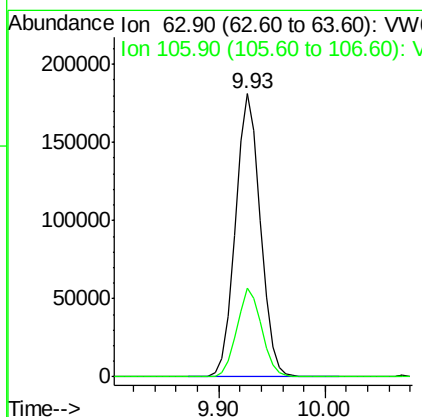
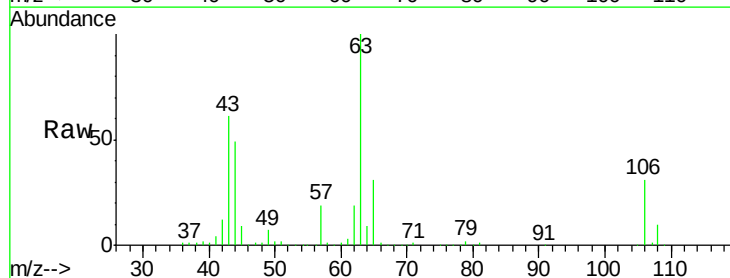
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

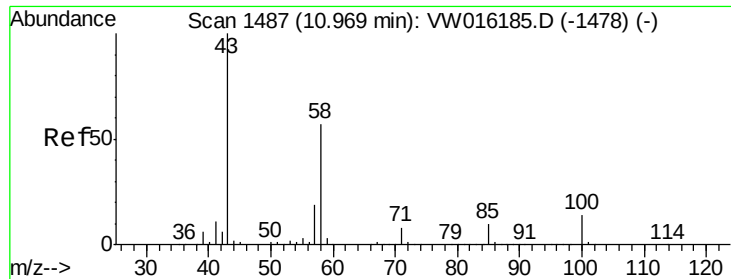
Tgt Ion: 76 Resp: 184422
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.222 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 63 Resp: 298768
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.9 37.3

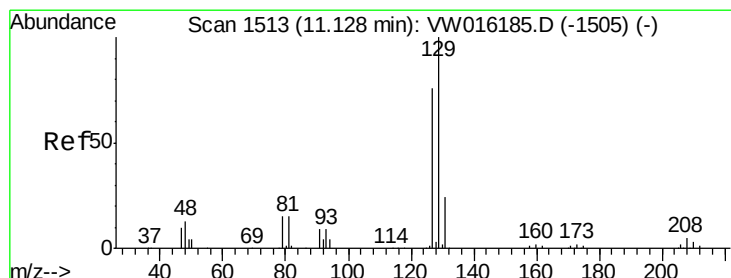
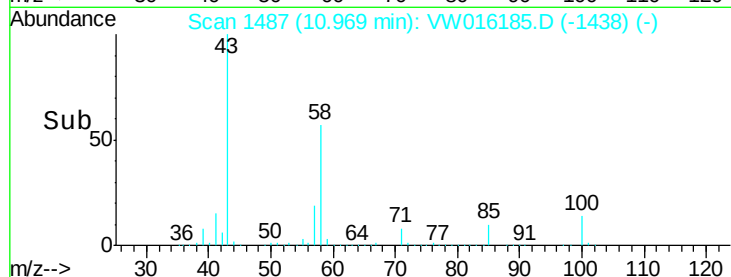
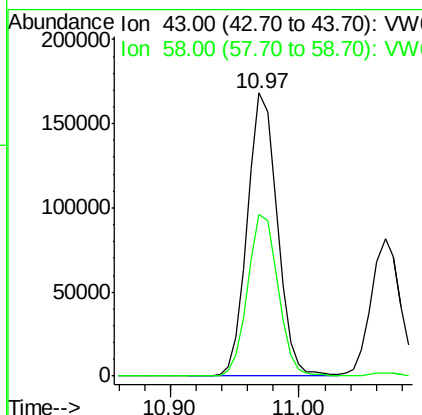
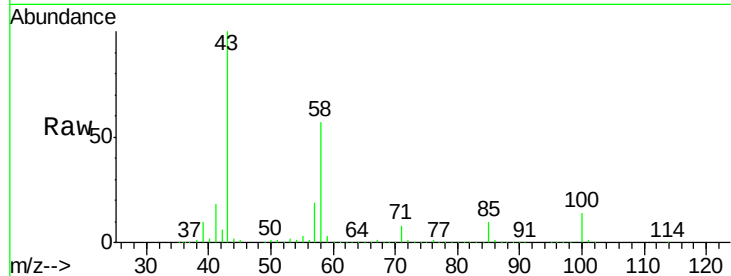




#59
2-Hexanone
Concen: 256.447 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

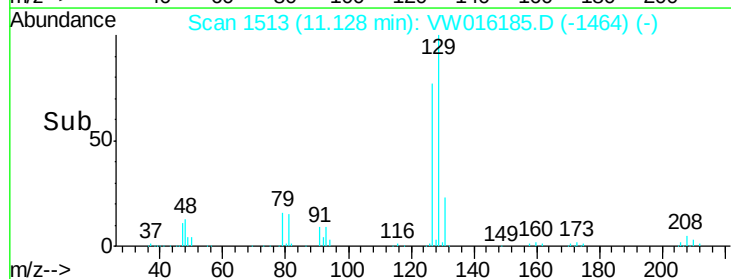
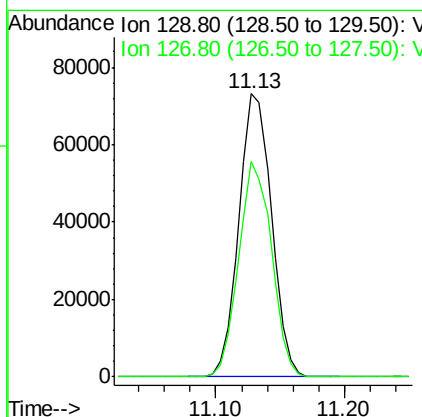
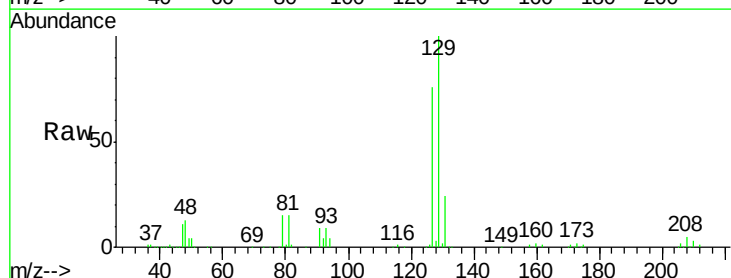
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

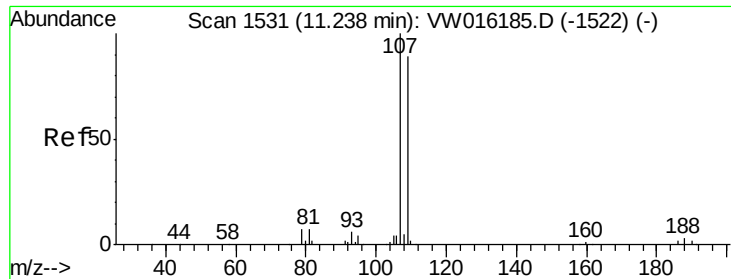
Tgt Ion: 43 Resp: 269898
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5



#60
Dibromochloromethane
Concen: 53.133 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 129 Resp: 128562
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

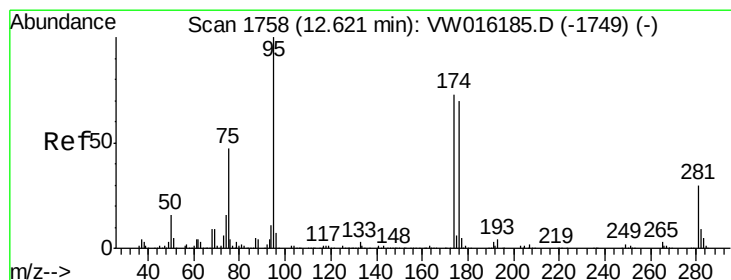
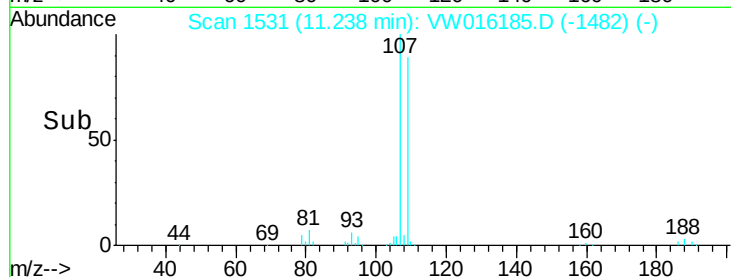
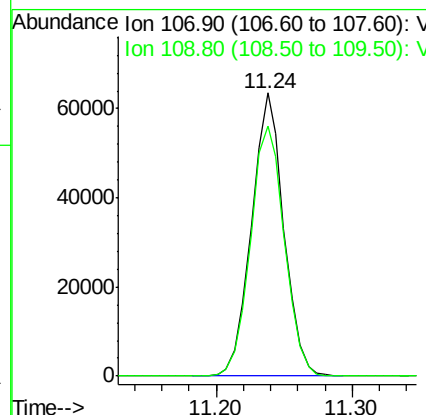
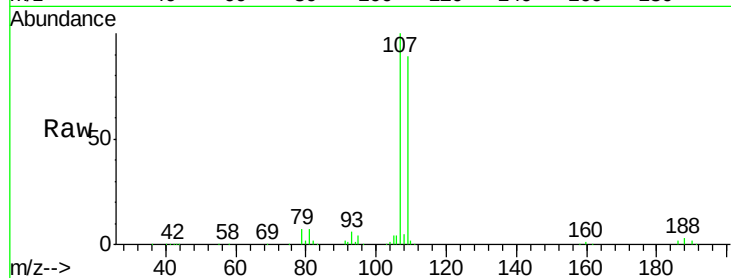




#61
 1,2-Dibromoethane
 Concen: 52.369 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

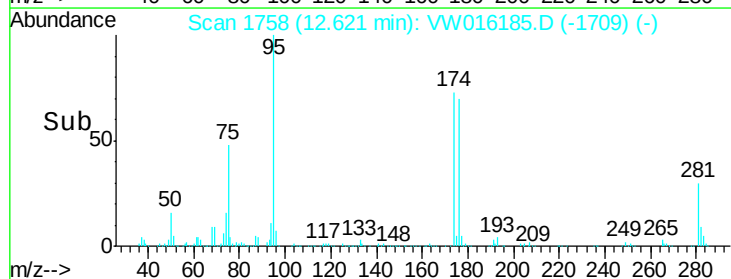
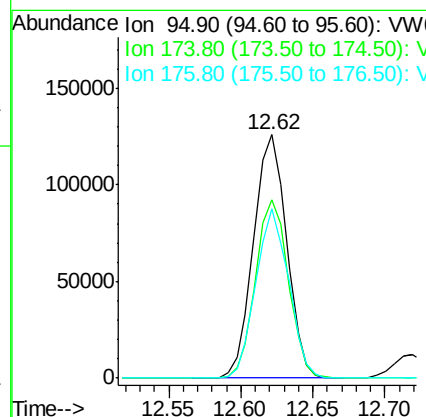
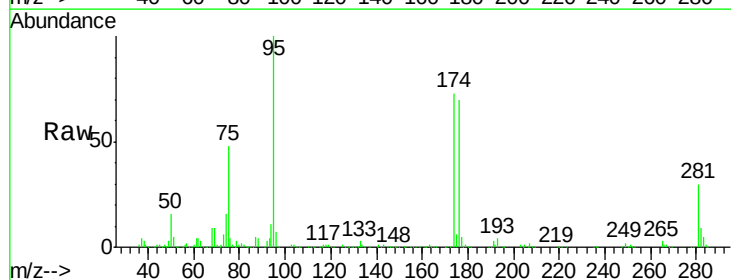
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

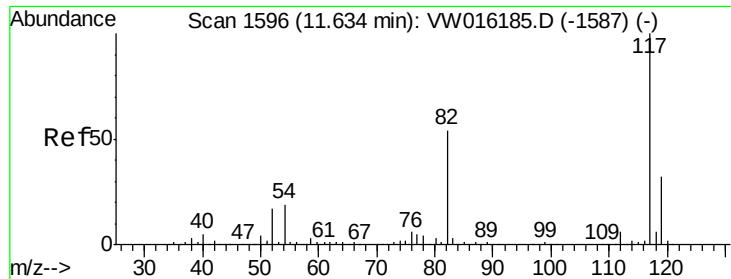
Tgt Ion: 107 Resp: 105115
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 54.437 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 95 Resp: 200111
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 145.6
 176 68.9 0.0 137.8

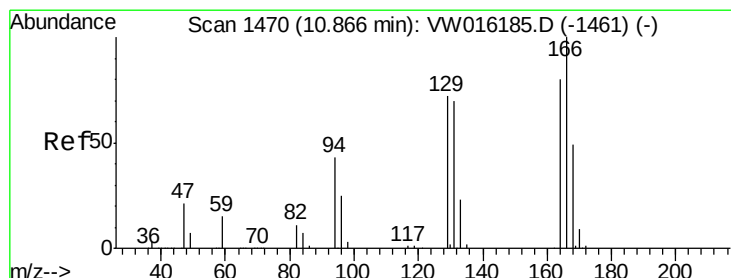
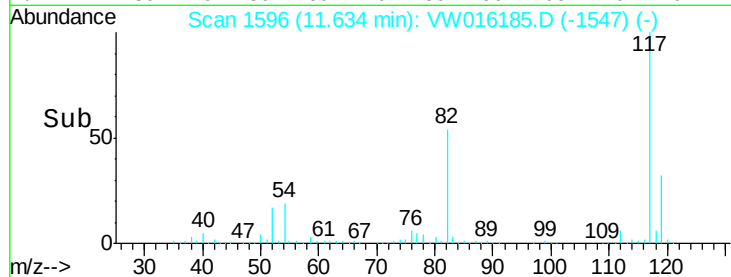
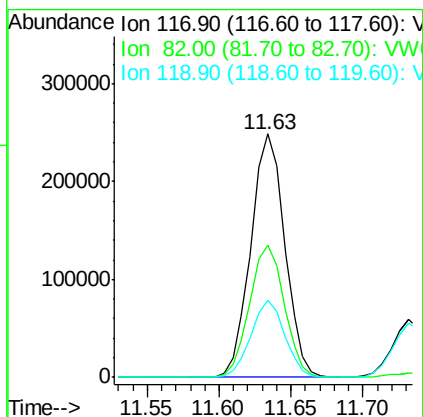
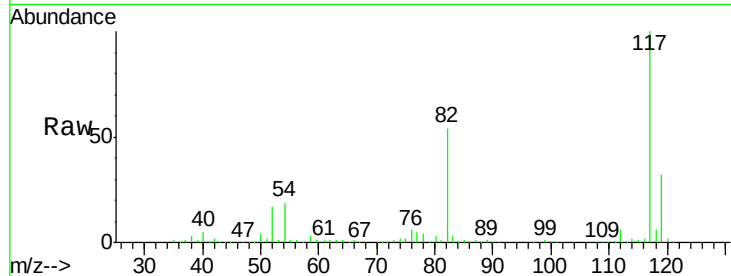




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

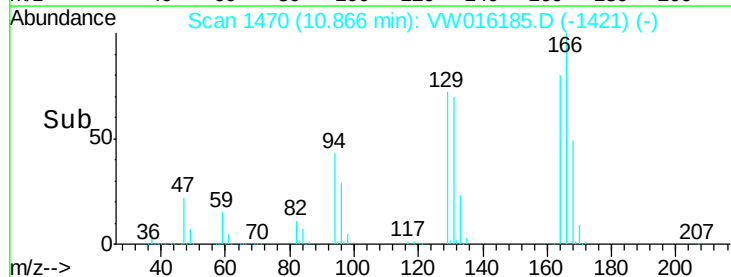
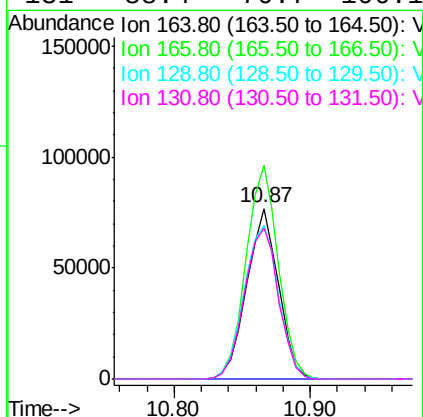
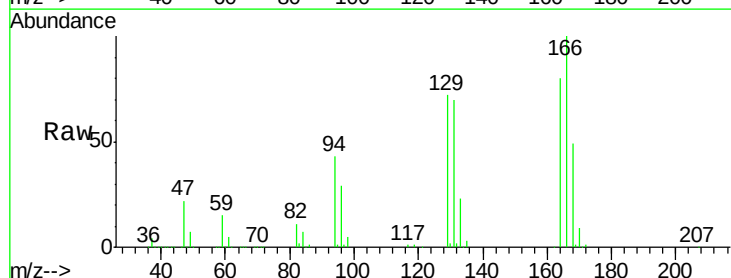
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

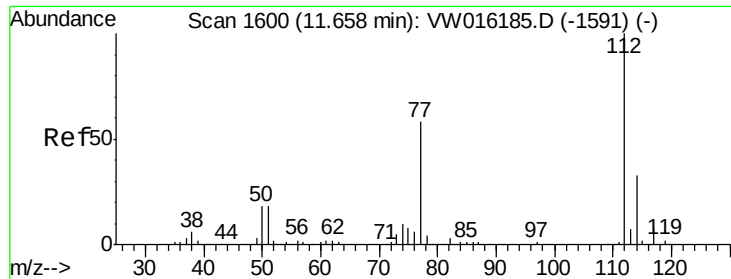
Tgt Ion:117 Resp: 405575
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 48.982 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion:164 Resp: 125562
Ion Ratio Lower Upper
164 100
166 125.4 100.3 150.5
129 90.3 72.2 108.4
131 88.4 70.7 106.1

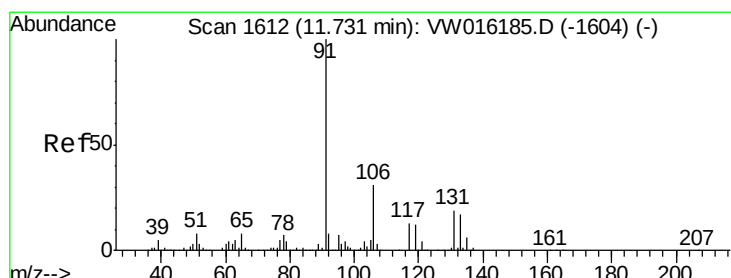
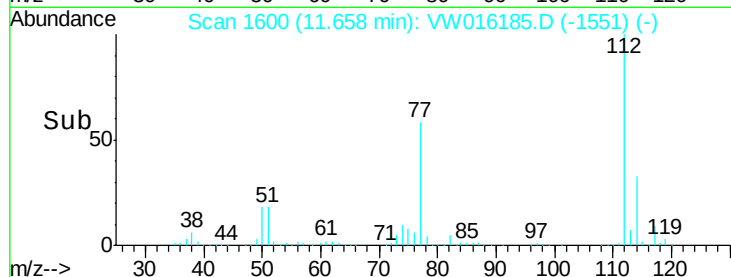
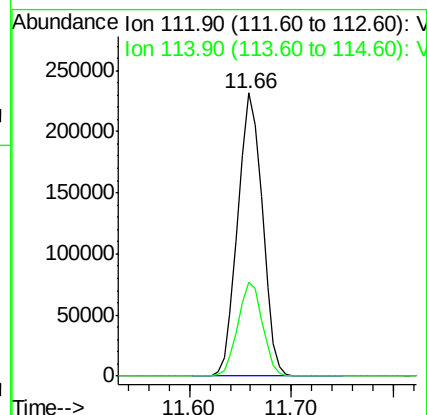
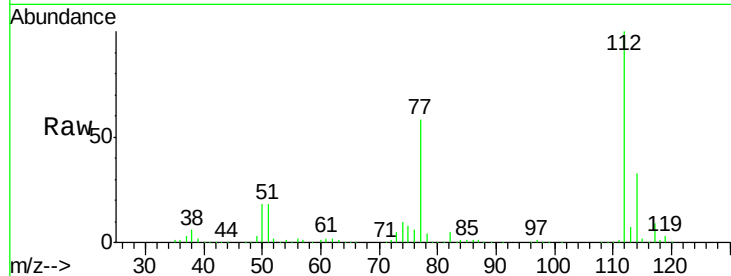




#65
Chlorobenzene
Concen: 48.908 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

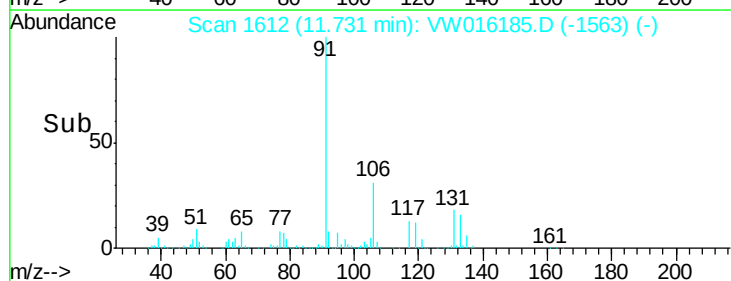
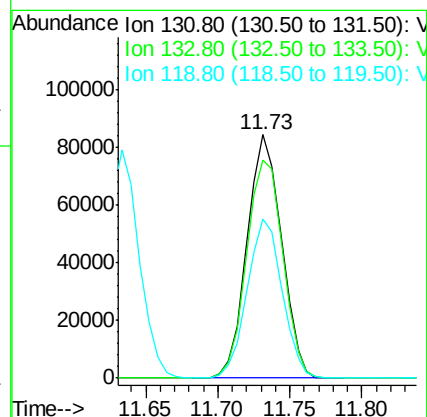
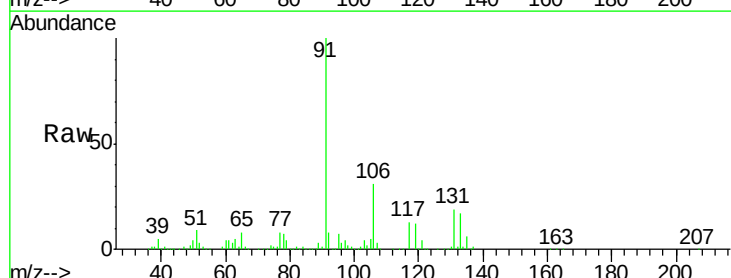
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

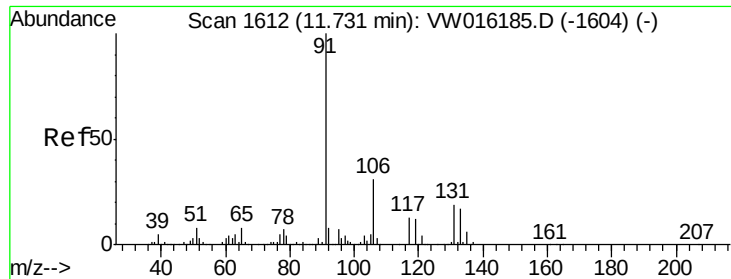
Tgt Ion:112 Resp: 386465
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.069 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion:131 Resp: 139893
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 66.2 33.1 99.3

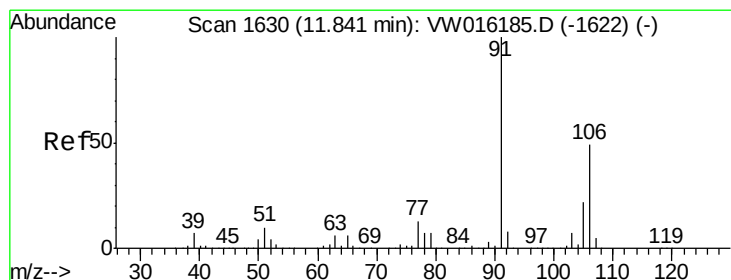
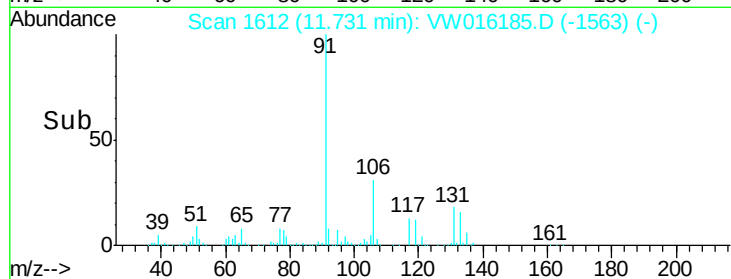
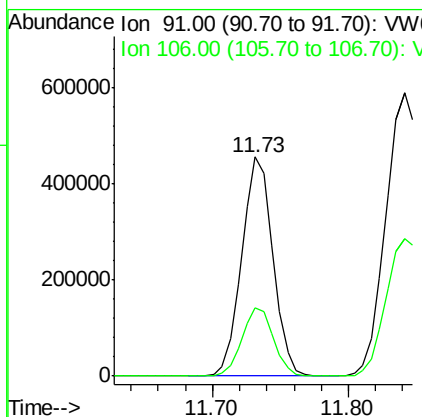
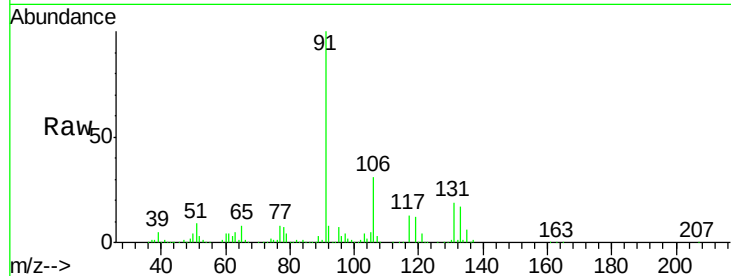




#67
Ethyl Benzene
Concen: 49.822 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

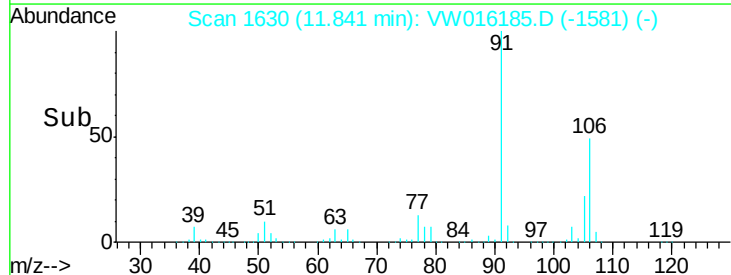
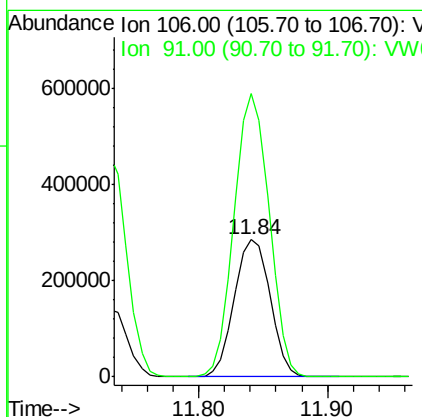
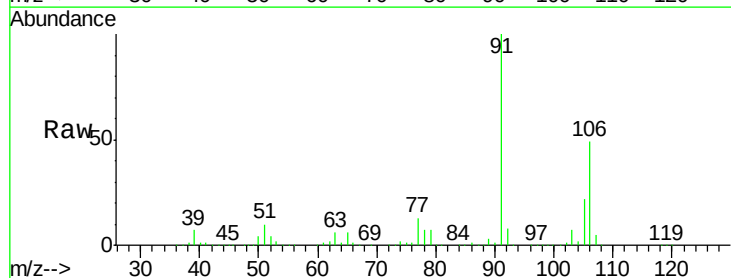
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

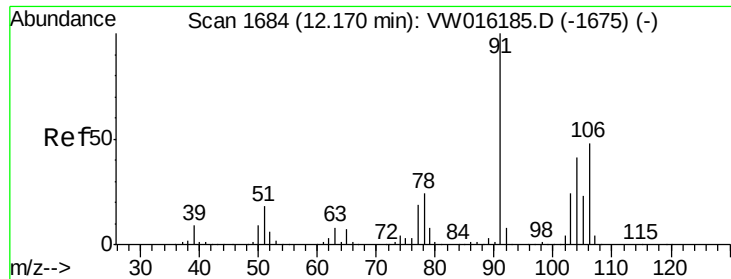
Tgt Ion: 91 Resp: 729091
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 100.642 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 106 Resp: 553239
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2

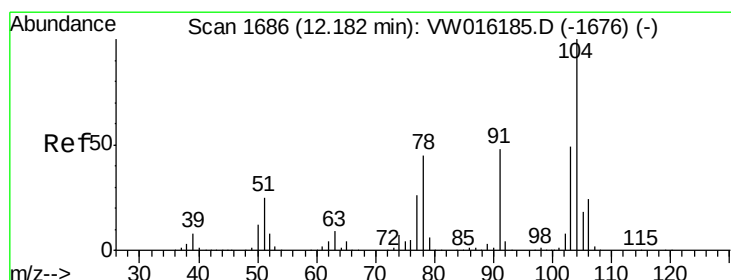
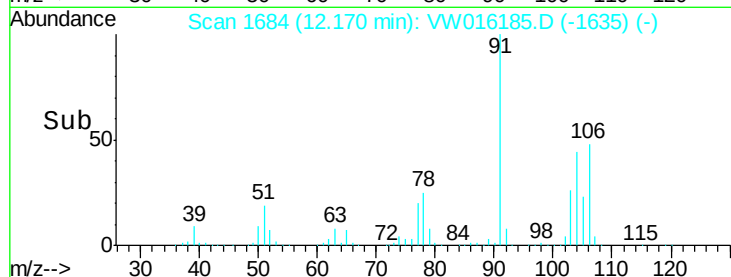
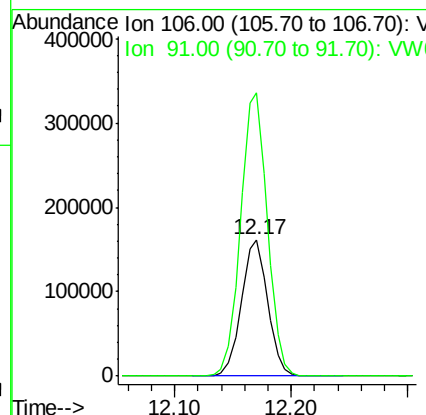
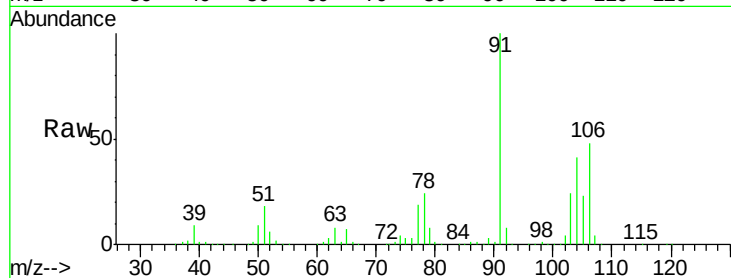




#69
o-Xylene
Concen: 50.641 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

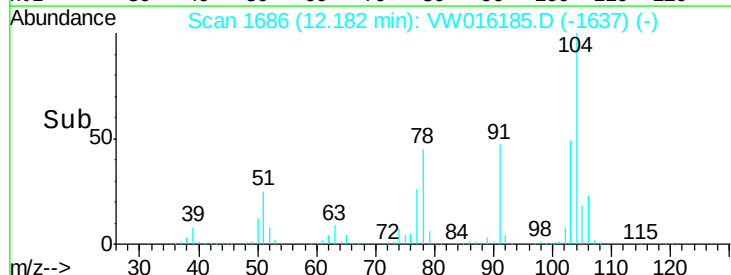
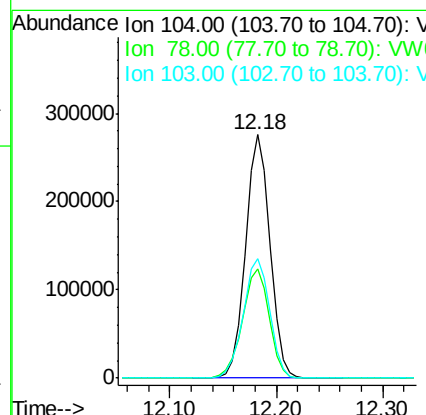
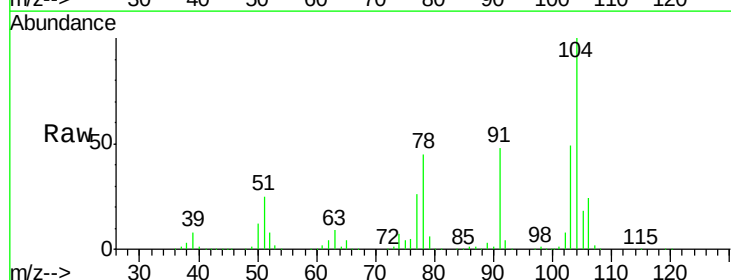
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

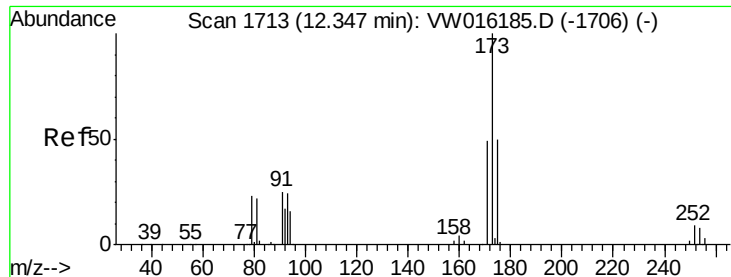
Tgt Ion:106 Resp: 253648
Ion Ratio Lower Upper
106 100
91 211.9 106.0 317.9



#70
Styrene
Concen: 51.355 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion:104 Resp: 443012
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 53.6 42.9 64.3





#71

Bromoform

Concen: 52.345 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

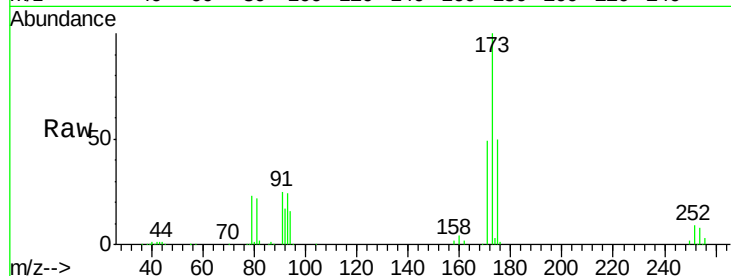
Tgt Ion:173 Resp: 66586

Ion Ratio Lower Upper

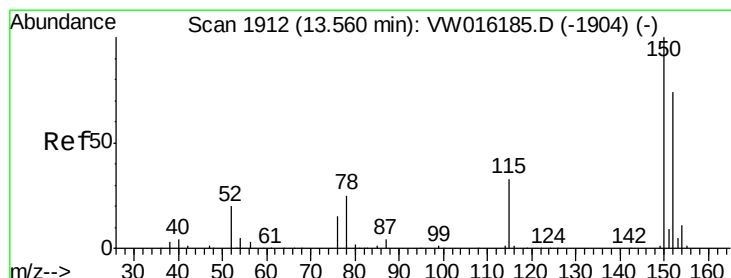
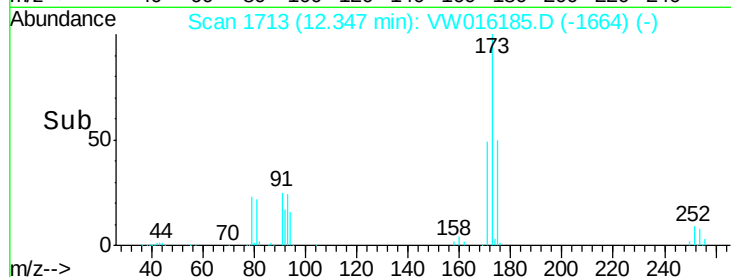
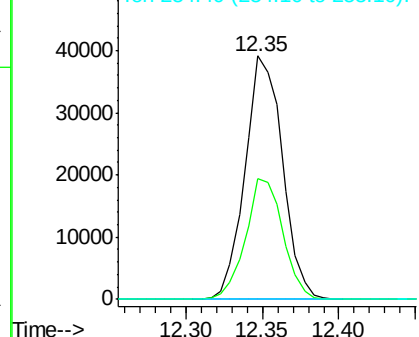
173 100

175 49.4 24.7 74.1

254 0.0 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: VW016185.D

Acq: 14 Aug 2020 11:01

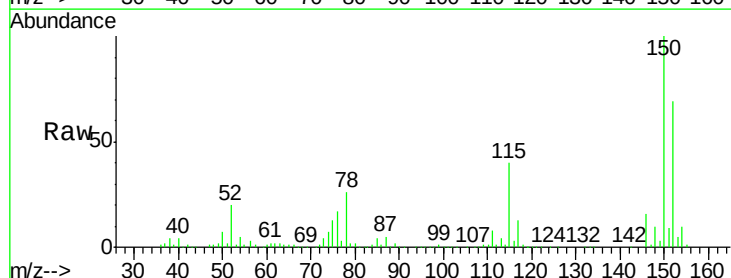
Tgt Ion:152 Resp: 186875

Ion Ratio Lower Upper

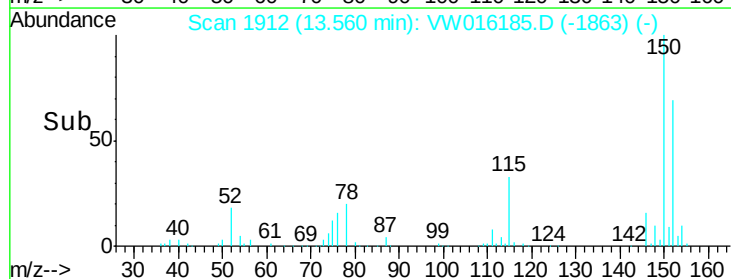
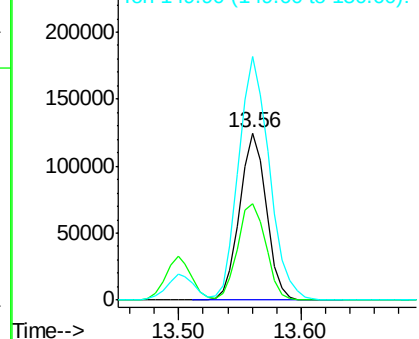
152 100

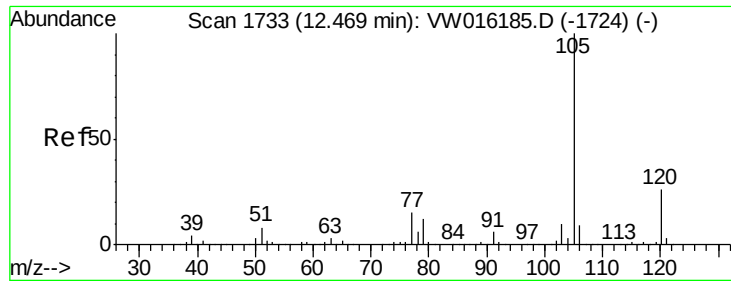
115 61.7 30.9 92.5

150 168.9 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

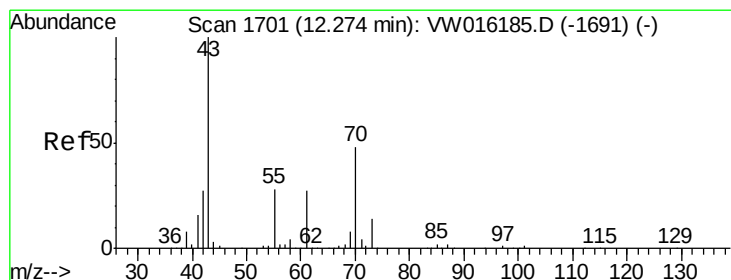
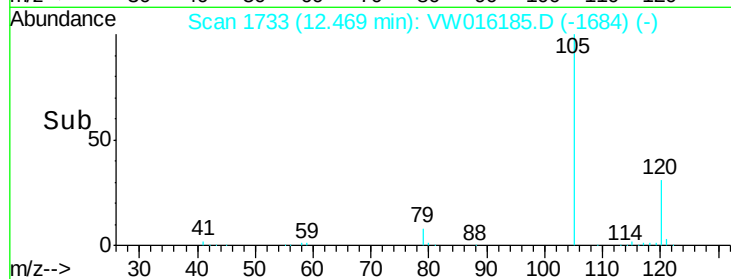
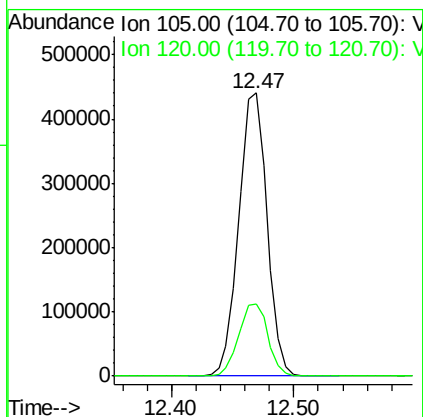
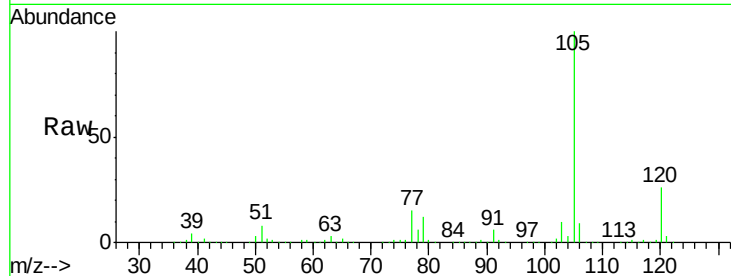




#73
Isopropylbenzene
Concen: 53.064 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

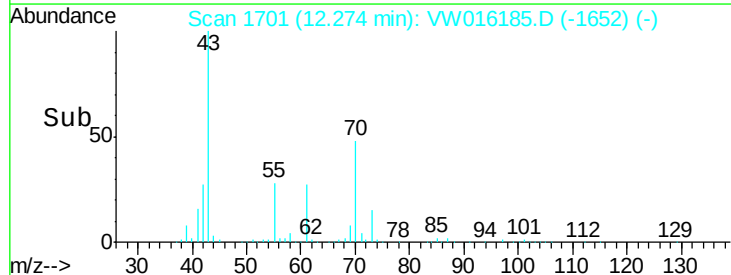
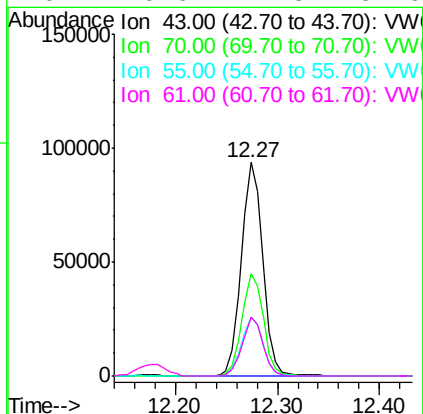
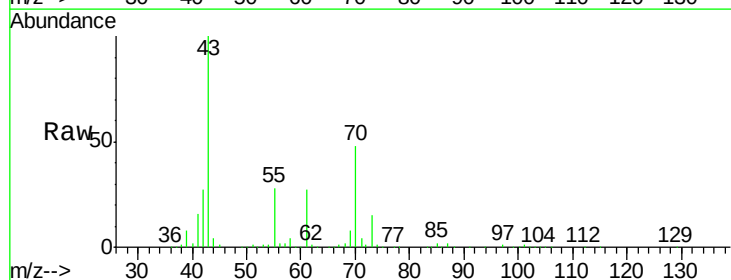
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

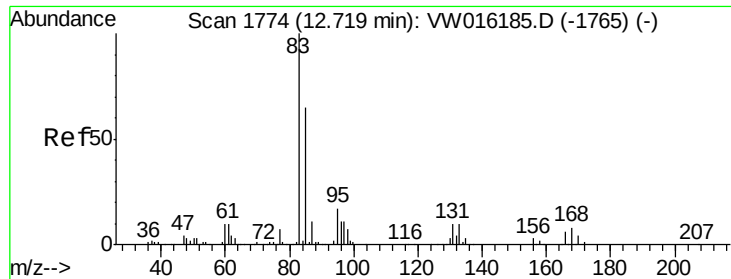
Tgt Ion: 105 Resp: 703956
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 49.009 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 43 Resp: 136129
Ion Ratio Lower Upper
43 100
70 48.3 38.6 58.0
55 27.7 22.2 33.2
61 26.6 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 54.840 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

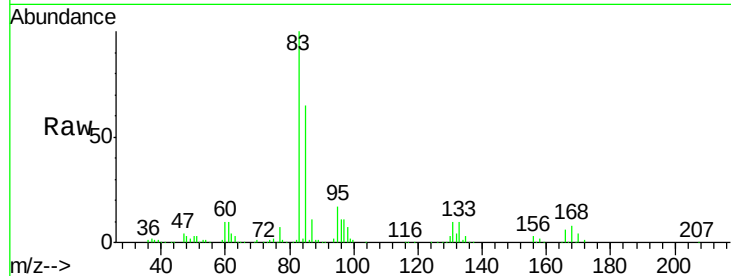
Tgt Ion: 83 Resp: 121744

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

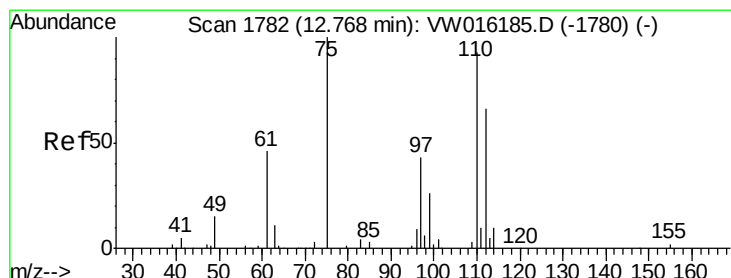
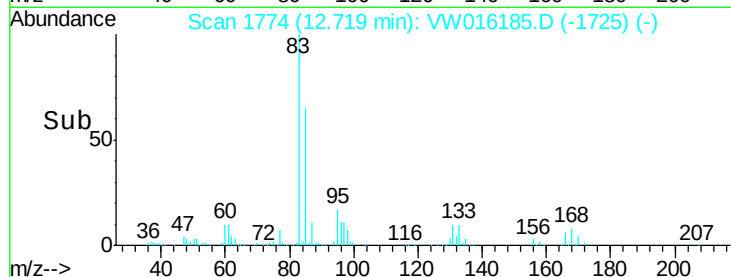
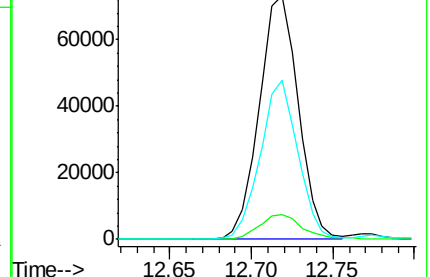
85 62.6 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.610 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016185.D

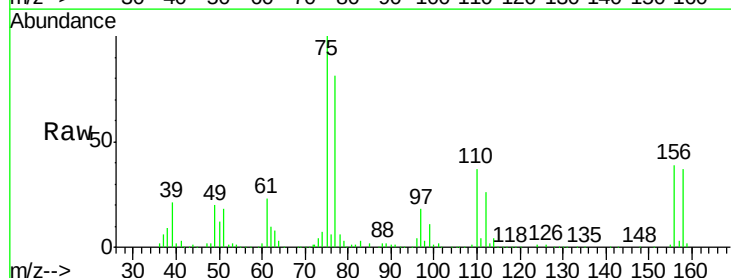
Acq: 14 Aug 2020 11:01

Tgt Ion: 75 Resp: 151556

Ion Ratio Lower Upper

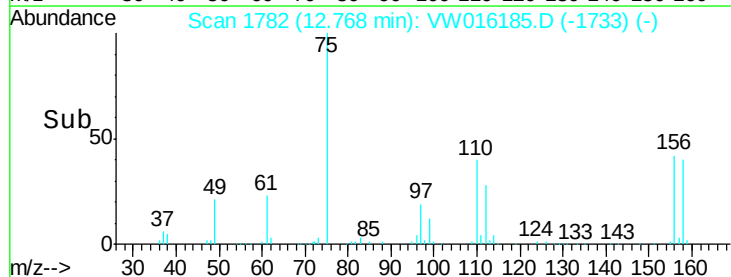
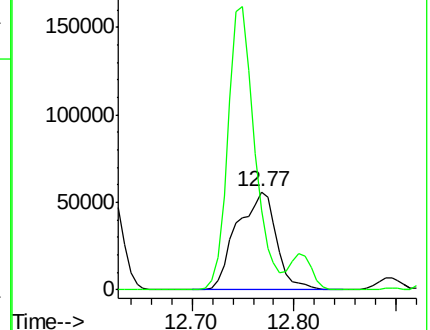
75 100

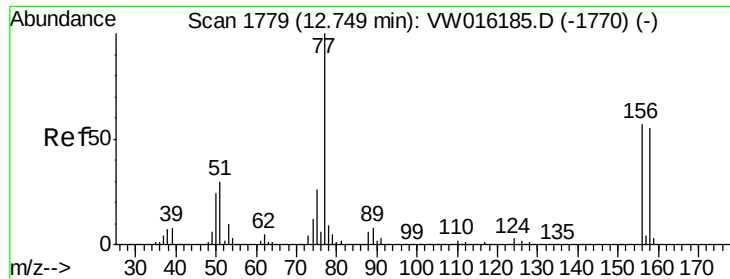
77 194.5 173.6 520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.748 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

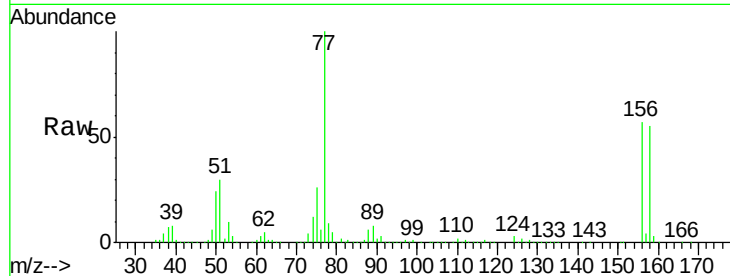
Tgt Ion:156 Resp: 150583

Ion Ratio Lower Upper

156 100

77 195.7 97.9 293.6

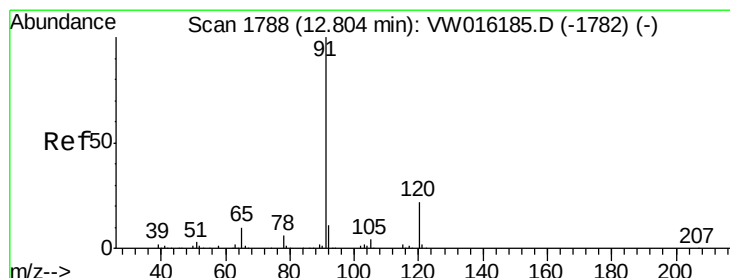
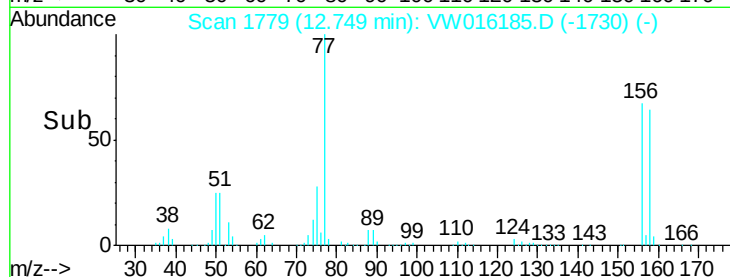
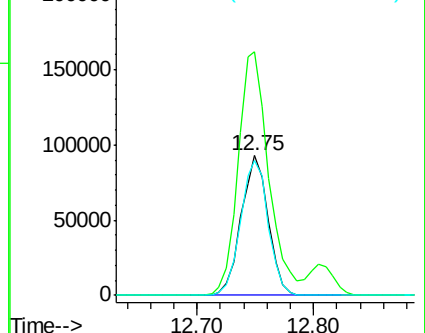
158 98.1 49.0 147.2



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: 52.088 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016185.D

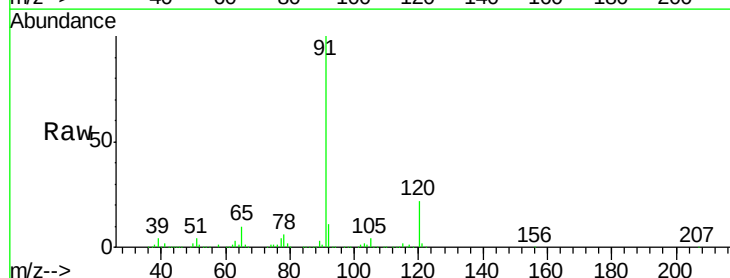
Acq: 14 Aug 2020 11:01

Tgt Ion: 91 Resp: 835716

Ion Ratio Lower Upper

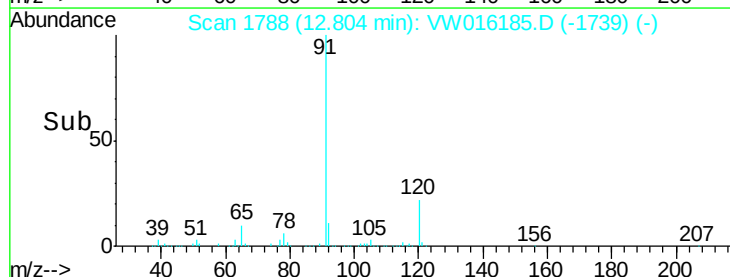
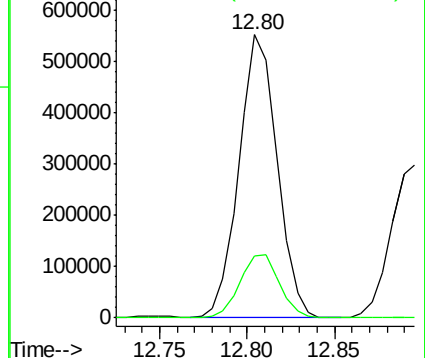
91 100

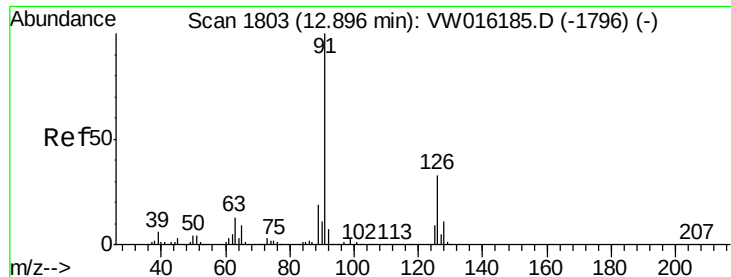
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

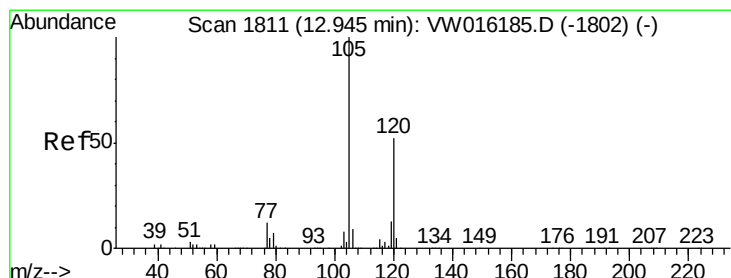
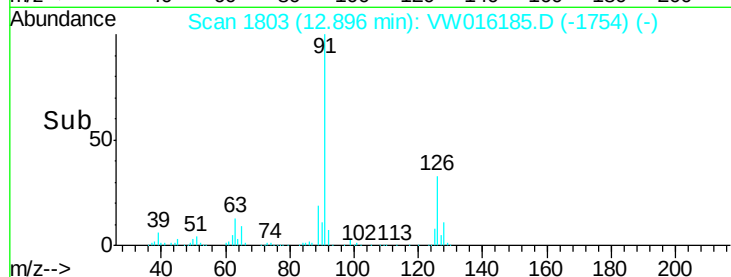
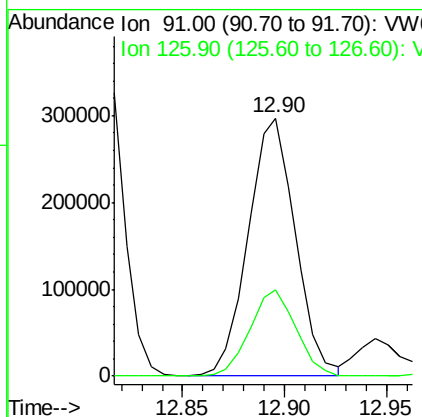
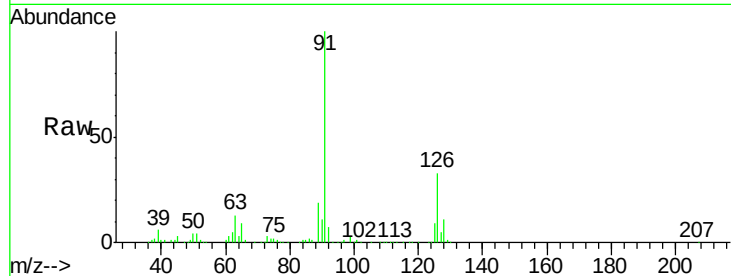




#79
 2-Chlorotoluene
 Concen: 52.103 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

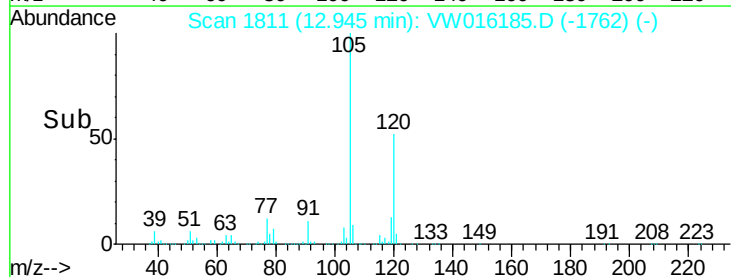
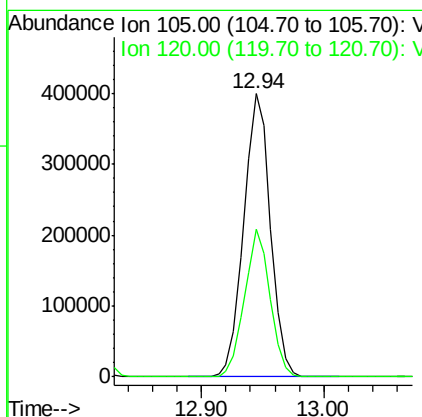
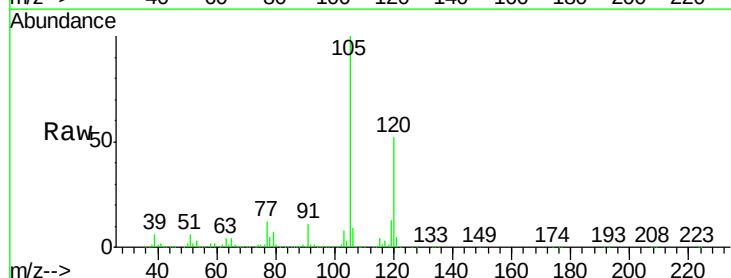
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

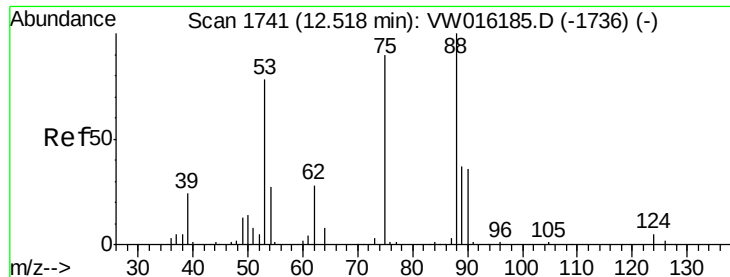
Tgt Ion: 91 Resp: 477353
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 53.190 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 105 Resp: 602643
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.2

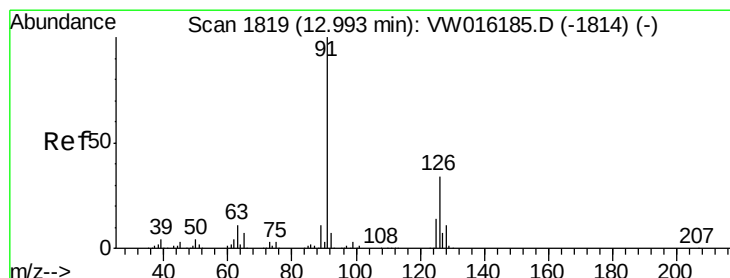
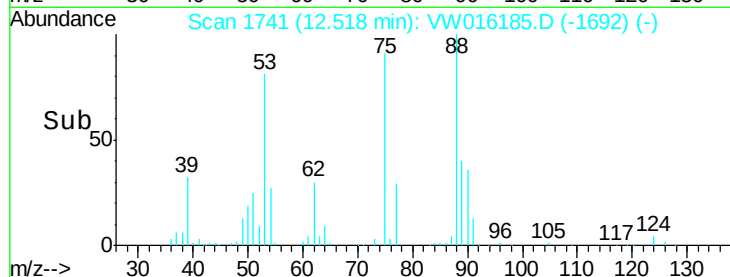
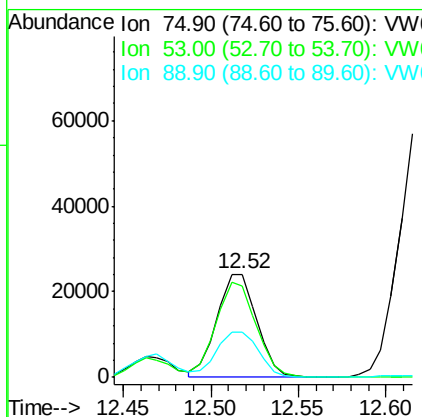
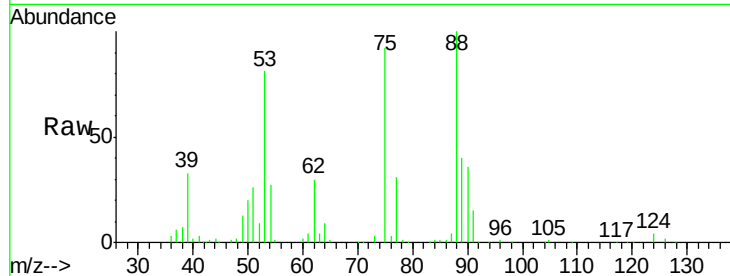




#81
trans-1,4-Dichloro-2-butene
Concen: 58.577 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

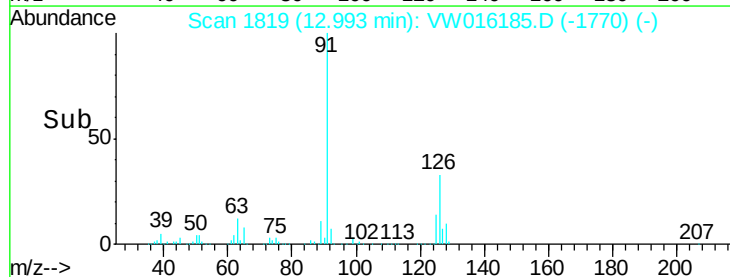
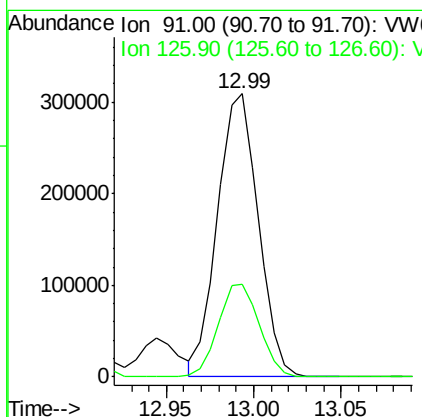
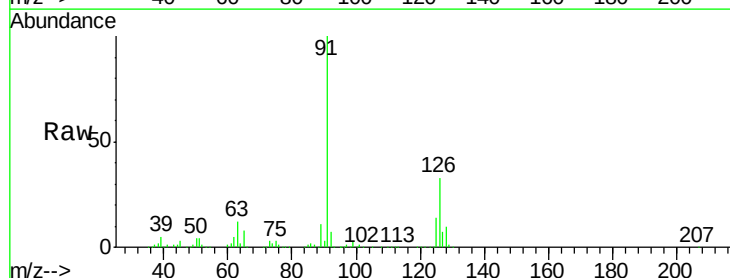
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

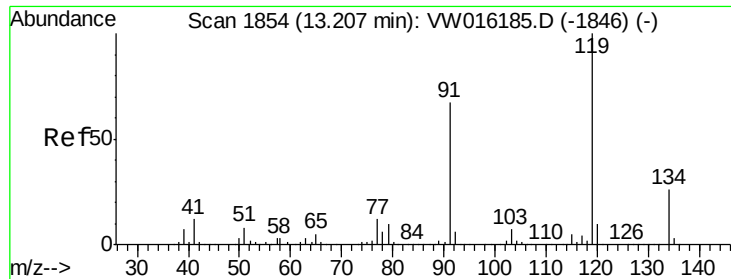
Tgt Ion: 75 Resp: 38481
Ion Ratio Lower Upper
75 100
53 93.2 74.6 111.8
89 46.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 52.217 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 91 Resp: 500416
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8

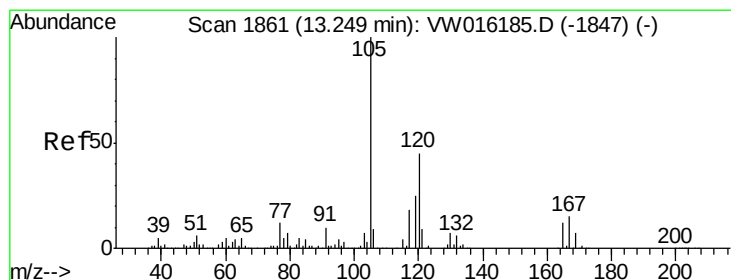
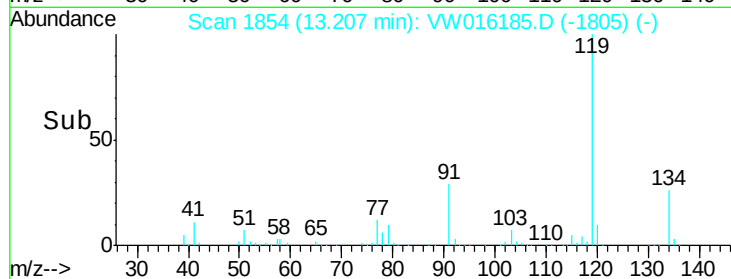
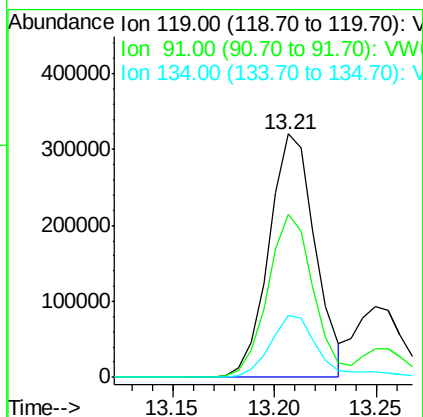
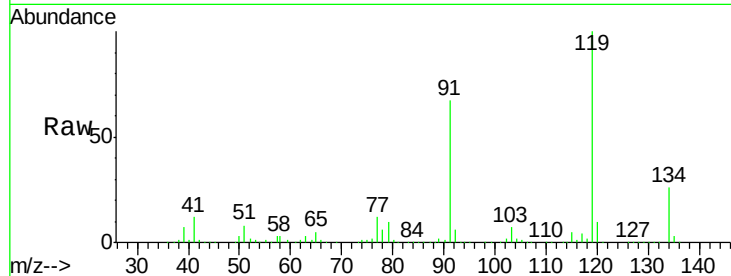




#83
 tert-Butylbenzene
 Concen: 53.843 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

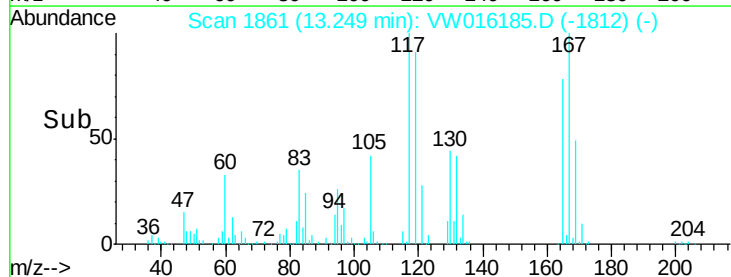
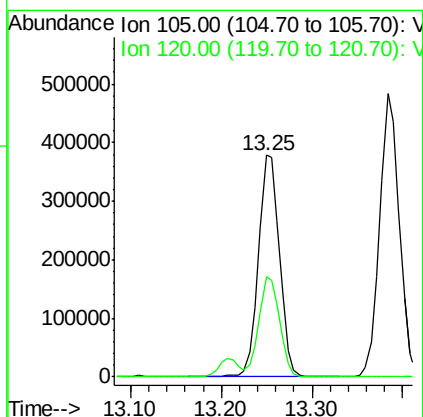
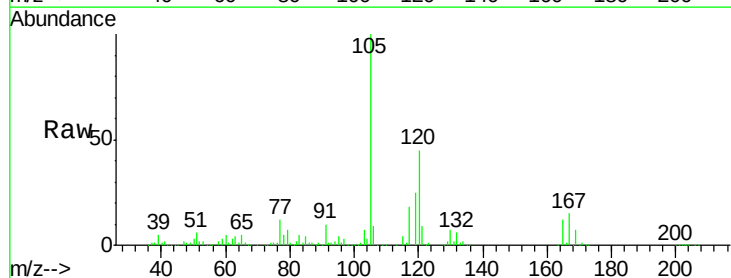
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

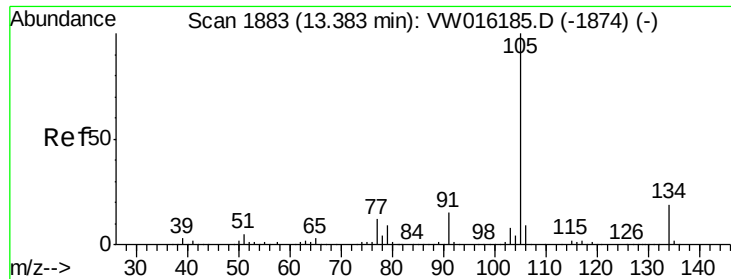
Tgt Ion:119 Resp: 505420
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.3 99.9
 134 27.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.576 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion:105 Resp: 606067
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6

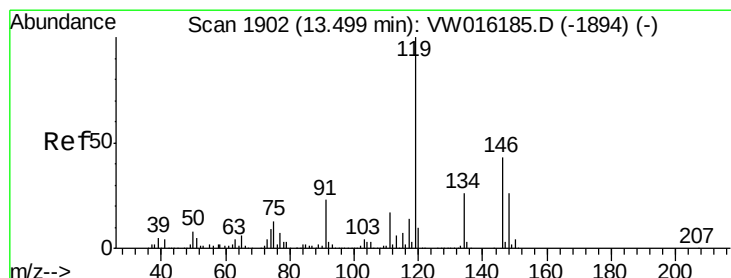
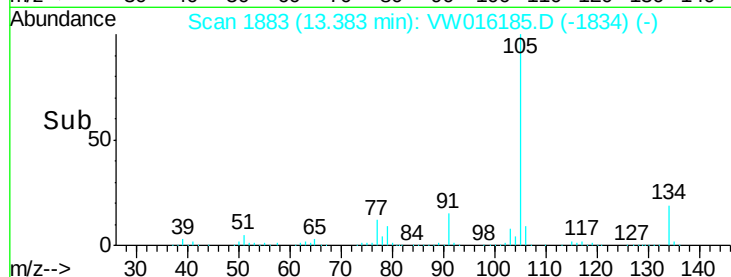
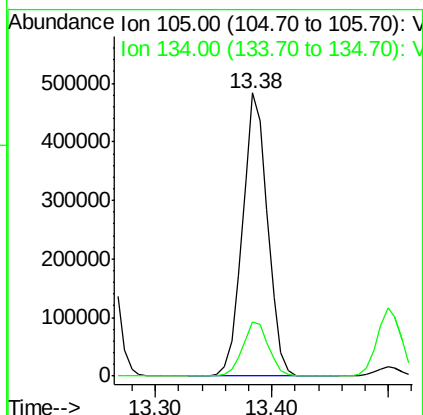
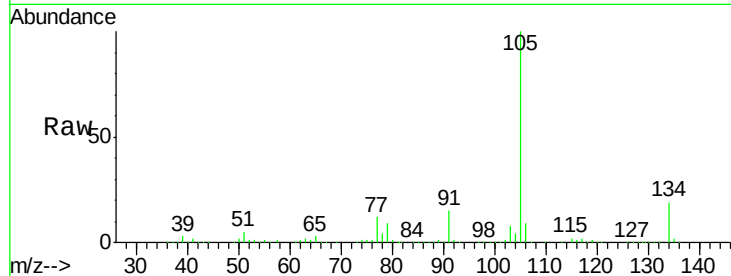




#85
 sec-Butylbenzene
 Concen: 53.209 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

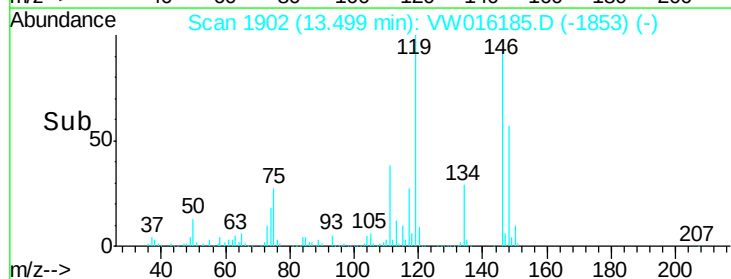
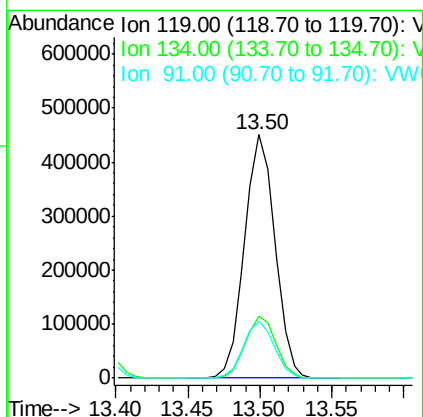
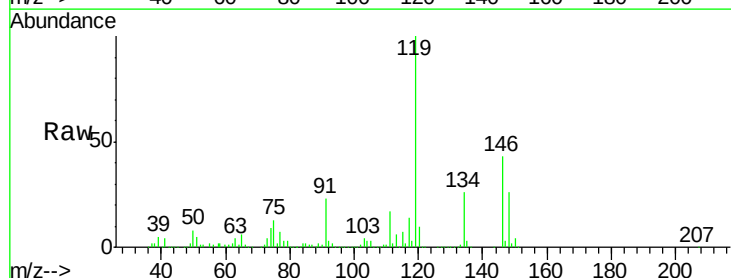
Instrument :
 MSVOA_W
 ClientSampleId :
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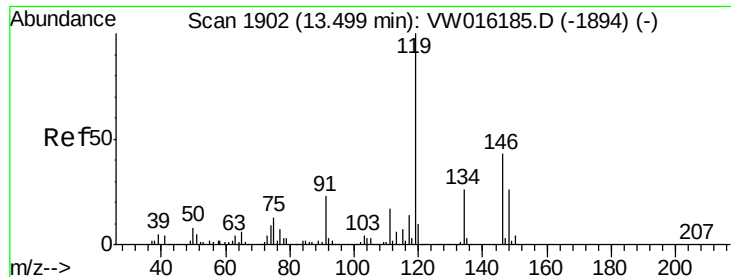
Tgt Ion:105 Resp: 721874
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 53.152 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion:119 Resp: 658519
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 23.5 11.8 35.3

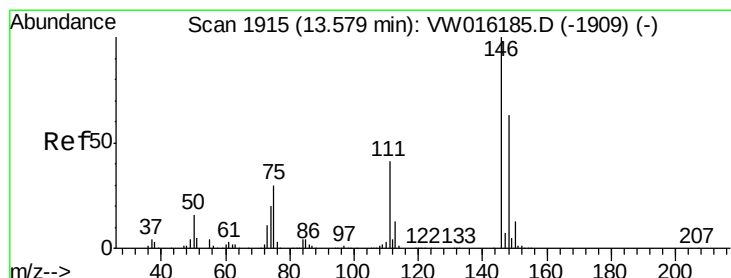
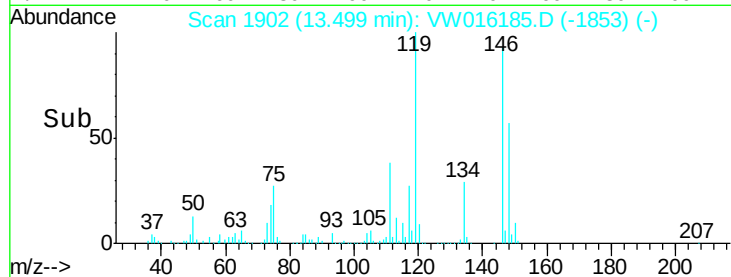
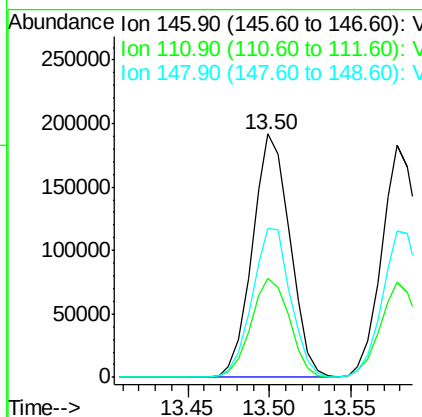
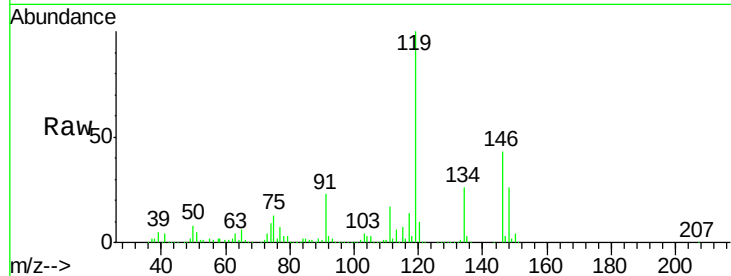




#87
 1,3-Dichlorobenzene
 Concen: 51.611 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

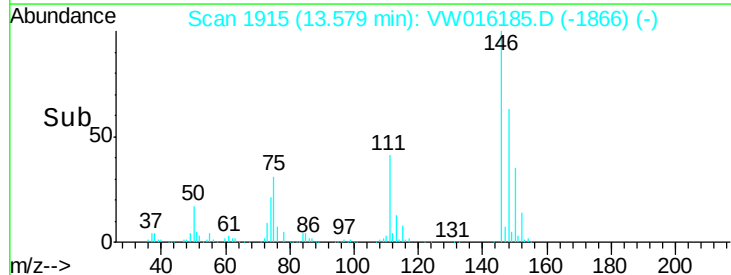
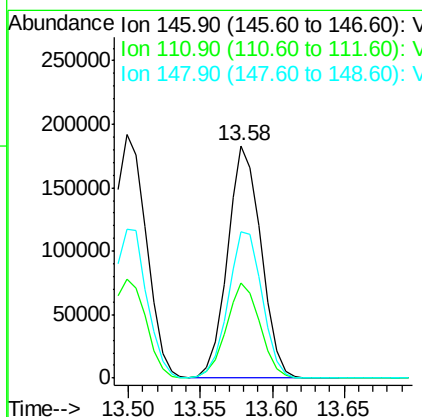
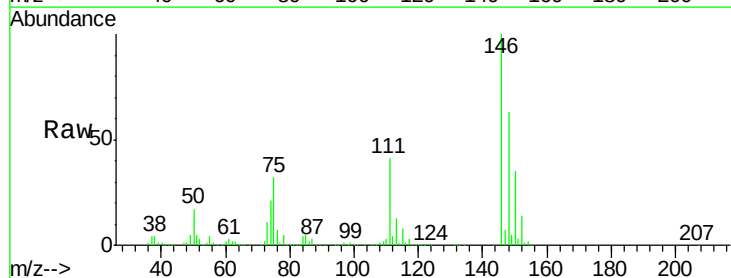
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

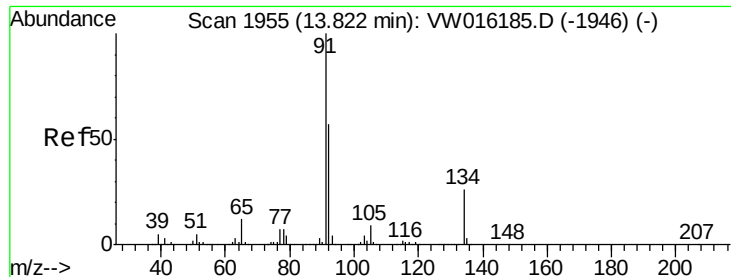
Tgt Ion:146 Resp: 307575
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 62.3 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 50.999 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion:146 Resp: 296949
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 64.2 32.1 96.3

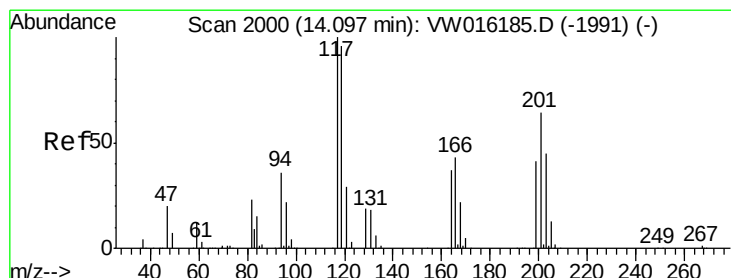
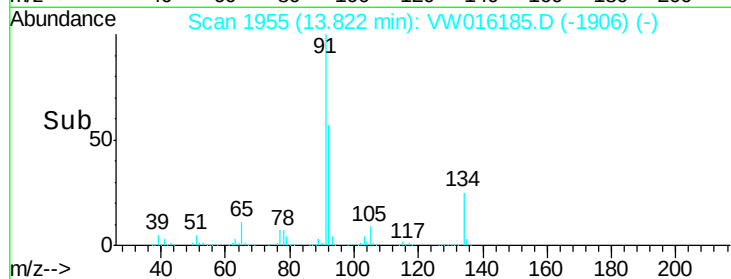
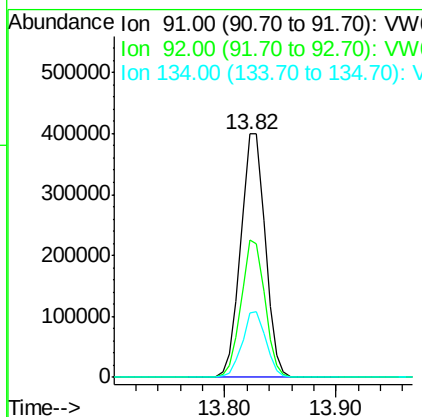
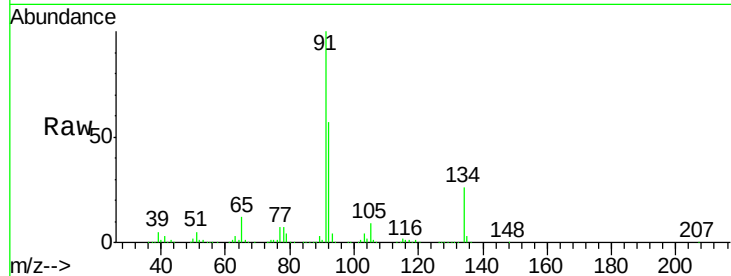




#89
n-Butylbenzene
Concen: 52.018 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

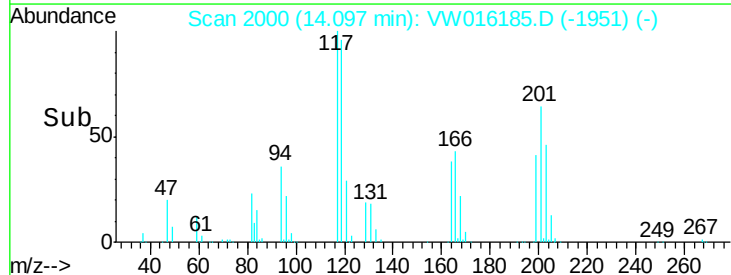
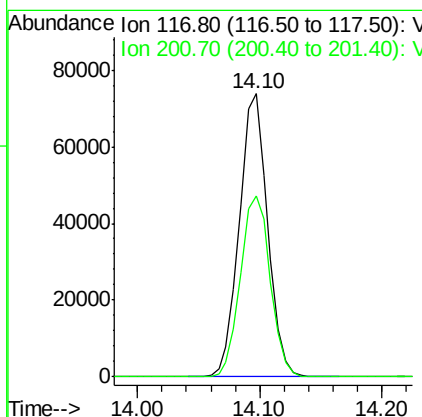
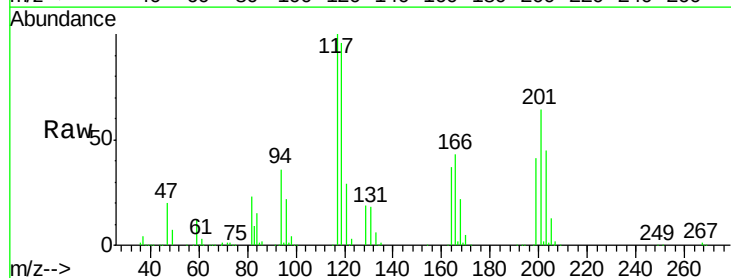
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

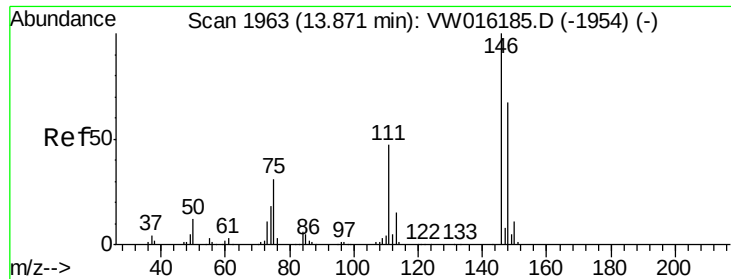
Tgt Ion: 91 Resp: 611708
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 52.852 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 117 Resp: 118253
Ion Ratio Lower Upper
117 100
201 67.5 33.8 101.3

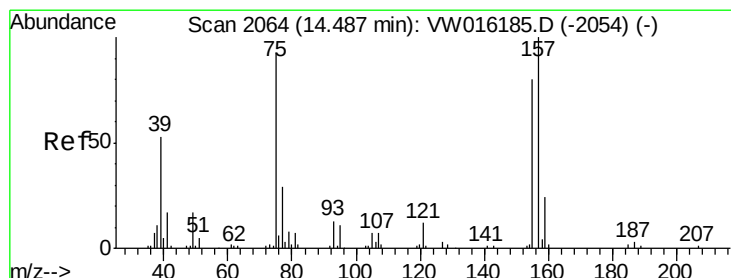
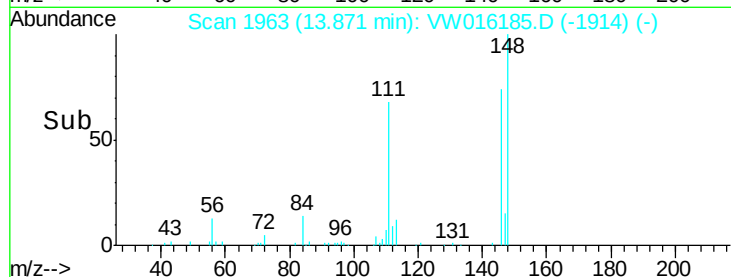
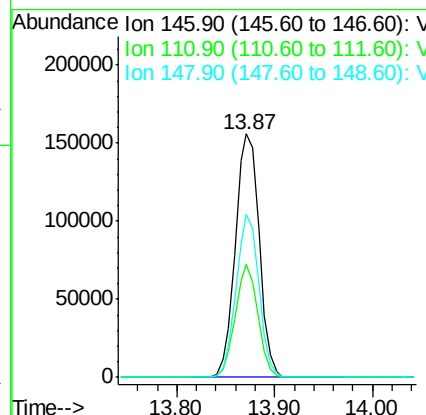
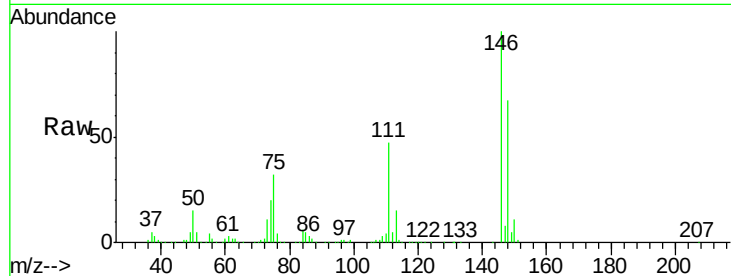




#91
 1,2-Dichlorobenzene
 Concen: 51.233 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

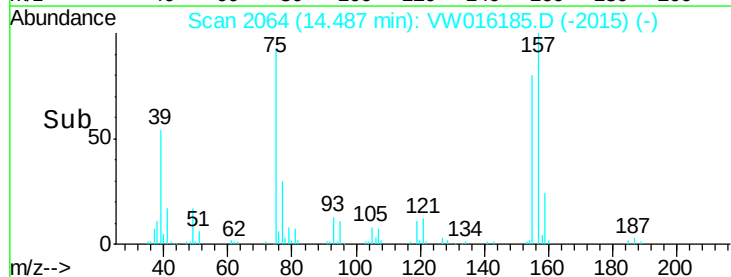
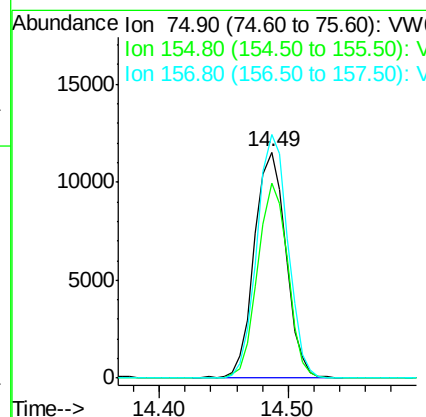
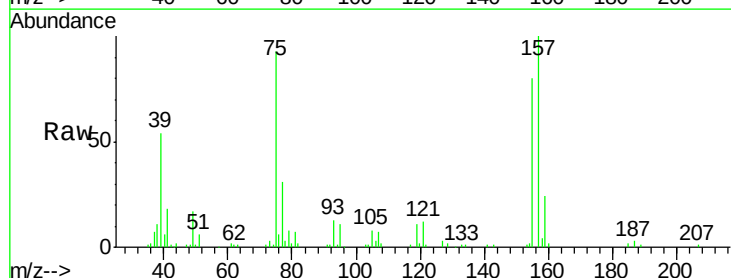
Instrument :
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 ClientSampleId :
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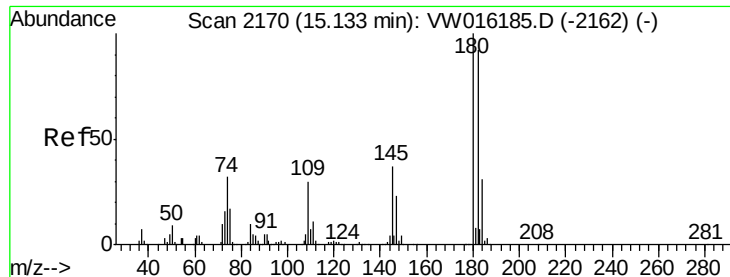
Tgt Ion:146 Resp: 262987
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.8
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.962 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 75 Resp: 19424
 Ion Ratio Lower Upper
 75 100
 155 82.7 41.3 124.1
 157 106.0 53.0 159.0

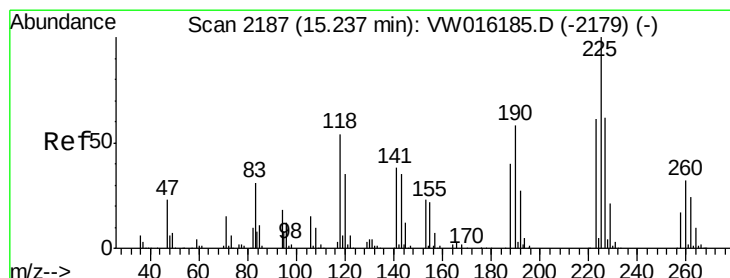
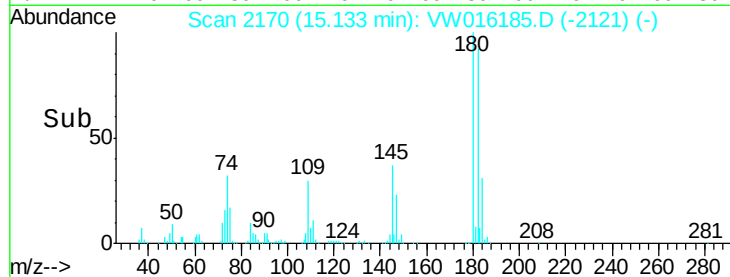
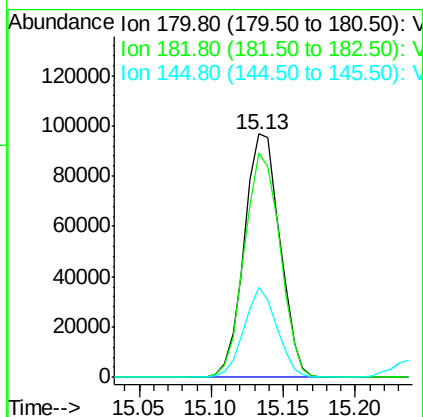
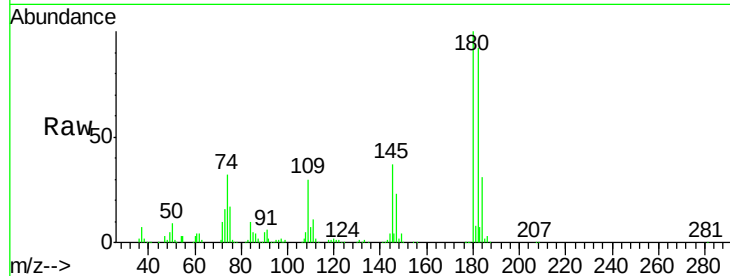




#93
 1,2,4-Trichlorobenzene
 Concen: 51.548 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

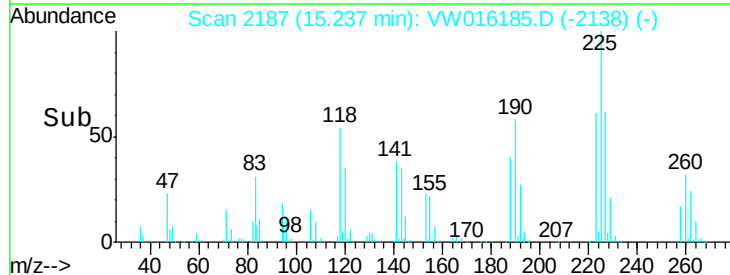
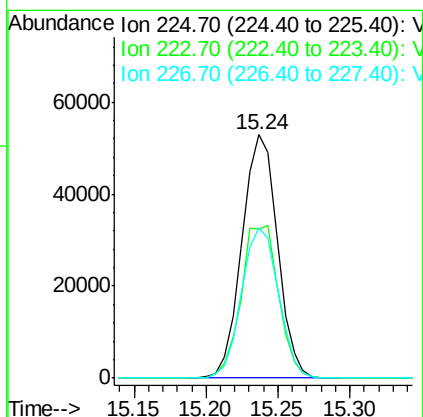
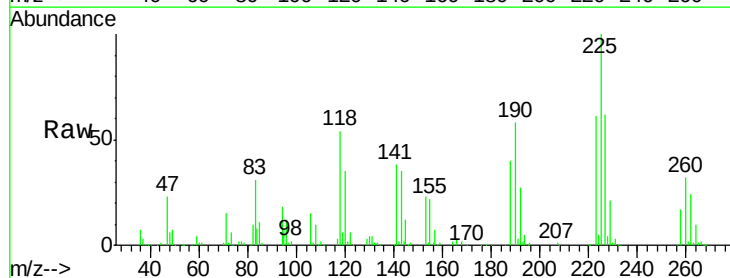
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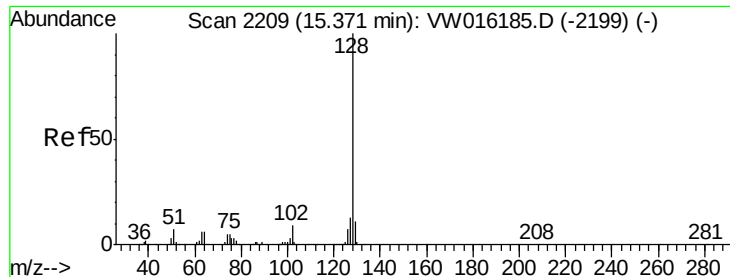
Tgt Ion:180 Resp: 166416
 Ion Ratio Lower Upper
 180 100
 182 92.0 46.0 138.0
 145 33.8 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 44.871 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion:225 Resp: 90367
 Ion Ratio Lower Upper
 225 100
 223 66.0 33.0 99.0
 227 64.1 32.0 96.2

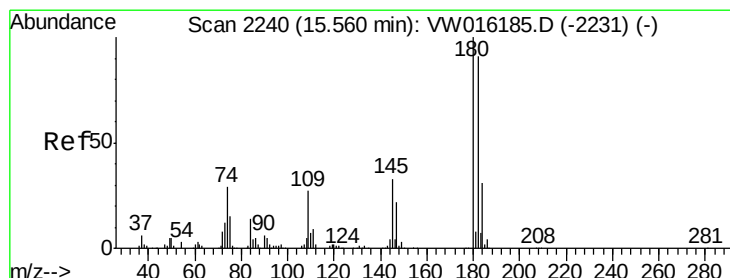
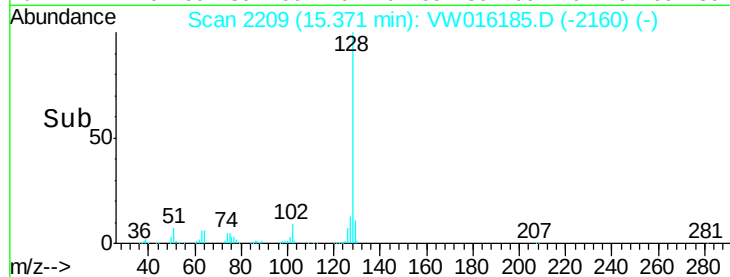
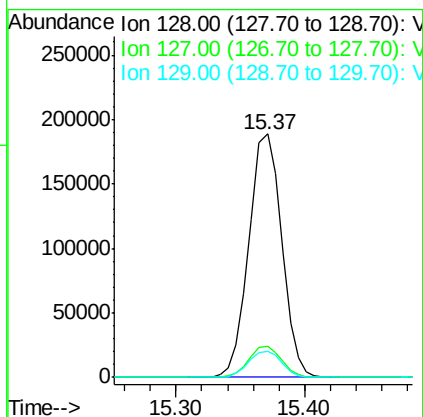
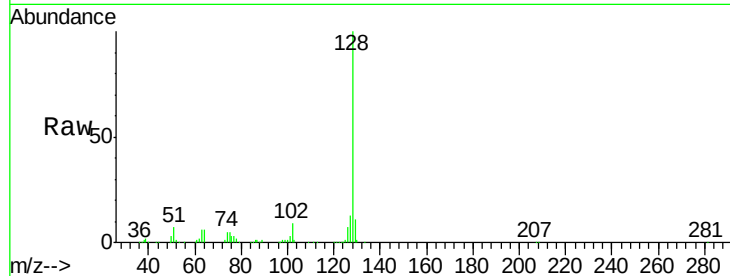




#95
Naphthalene
Concen: 60.090 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 333208
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: 53.315 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion:180 Resp: 148204
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 34.9 17.4 52.3

