

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015670.D
 Acq On : 23 Jun 2020 18:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 03:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118851	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.89	113	101935	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.32	98	402310	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.62	95	154115	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64010	54.693	ug/l	97
3) Chloromethane	2.21	50	67426	49.062	ug/l	100
4) Vinyl Chloride	2.37	62	109779	49.411	ug/l	99
5) Bromomethane	2.78	94	82192	50.333	ug/l	97
6) Chloroethane	2.93	64	73088	49.988	ug/l	97
7) Trichlorofluoromethane	3.26	101	78726	47.192	ug/l	97
8) Diethyl Ether	3.68	74	53929	55.976	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94843	48.233	ug/l	99
10) Methyl Iodide	4.27	142	138603	49.850	ug/l	100
11) Tert butyl alcohol	5.18	59	37731	320.986	ug/l	99
12) 1,1-Dichloroethene	4.04	96	92843	48.490	ug/l	99
13) Acrolein	3.90	56	42380	279.349	ug/l	99
14) Allyl chloride	4.67	41	153379	49.376	ug/l	99
15) Acrylonitrile	5.37	53	116056	291.966	ug/l	99
16) Acetone	4.12	43	114845	276.623	ug/l	100
17) Carbon Disulfide	4.38	76	271140	49.203	ug/l	100
18) Methyl Acetate	4.68	43	51075	60.426	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	156905	54.452	ug/l	96
20) Methylene Chloride	4.92	84	136081	69.005	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	108376	49.370	ug/l	99
22) Diisopropyl ether	6.32	45	322359	52.177	ug/l	98
23) Vinyl Acetate	6.26	43	1034361	287.095	ug/l	100
24) 1,1-Dichloroethane	6.21	63	193562	49.772	ug/l	100
25) 2-Butanone	7.18	43	162499	289.602	ug/l	100
26) 2,2-Dichloropropane	7.17	77	116764	44.765	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	120754	51.135	ug/l	98
28) Bromochloromethane	7.52	49	75807	50.675	ug/l	100
29) Tetrahydrofuran	7.54	42	101524	307.898	ug/l	100
30) Chloroform	7.68	83	200083	50.165	ug/l	99
31) Cyclohexane	7.96	56	173533	46.129	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	166879	49.085	ug/l	99
36) 1,1-Dichloropropene	8.09	75	158701	49.148	ug/l	100
37) Ethyl Acetate	7.26	43	72666	58.938	ug/l	99
38) Carbon Tetrachloride	8.07	117	154739	49.436	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015670.D
 Acq On : 23 Jun 2020 18:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 03:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	193525	49.481	ug/l	98
40) Benzene	8.32	78	443429	50.504	ug/l	99
41) Methacrylonitrile	7.49	41	42163	59.586	ug/l	94
42) 1,2-Dichloroethane	8.40	62	145026	53.393	ug/l	100
43) Isopropyl Acetate	8.43	43	145560	59.161	ug/l	98
44) Trichloroethene	9.09	130	117177	49.514	ug/l	96
45) 1,2-Dichloropropane	9.37	63	109822	51.173	ug/l	99
46) Dibromomethane	9.46	93	60443	54.434	ug/l	99
47) Bromodichloromethane	9.65	83	152718	52.727	ug/l	99
48) Methyl methacrylate	9.44	41	68181	60.613	ug/l	99
49) 1,4-Dioxane	9.45	88	18218	1250.686	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	365603	308.129	ug/l	100
52) Toluene	10.39	92	289930	51.140	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	155103	55.432	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	176769	52.883	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	84869	54.972	ug/l	96
56) Ethyl methacrylate	10.65	69	116136	60.458	ug/l	97
57) 1,3-Dichloropropane	10.93	76	149848	54.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	273566	300.942	ug/l	99
59) 2-Hexanone	10.97	43	255817	316.692	ug/l	99
60) Dibromochloromethane	11.13	129	102064	56.731	ug/l	100
61) 1,2-Dibromoethane	11.24	107	83955	56.891	ug/l	99
64) Tetrachloroethene	10.87	164	100618	47.927	ug/l	99
65) Chlorobenzene	11.66	112	306444	48.637	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	111614	50.523	ug/l	99
67) Ethyl Benzene	11.73	91	573829	48.937	ug/l	99
68) m/p-Xylenes	11.84	106	433871	98.539	ug/l	100
69) o-Xylene	12.17	106	203007	50.145	ug/l	99
70) Styrene	12.18	104	357733	51.719	ug/l	100
71) Bromoform	12.35	173	58282	57.338	ug/l #	100
73) Isopropylbenzene	12.47	105	565327	48.411	ug/l	100
74) N-amyl acetate	12.27	43	142030	57.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	102518	54.876	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	133371	95.516	ug/l	22
77) Bromobenzene	12.75	156	131606	50.542	ug/l	100
78) n-propylbenzene	12.80	91	680480	48.411	ug/l	100
79) 2-Chlorotoluene	12.90	91	387949	49.018	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	489154	49.435	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	30851	55.678	ug/l	95
82) 4-Chlorotoluene	12.99	91	409446	48.901	ug/l	100
83) tert-Butylbenzene	13.21	119	411071	49.168	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	490335	49.690	ug/l	100
85) sec-Butylbenzene	13.38	105	585244	48.981	ug/l	100
86) p-Isopropyltoluene	13.50	119	533116	49.108	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	253919	49.123	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	252108	49.245	ug/l	97
89) n-Butylbenzene	13.82	91	509536	48.893	ug/l	99
90) Hexachloroethane	14.10	117	95432	49.397	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	230932	51.670	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17648	58.994	ug/l	99

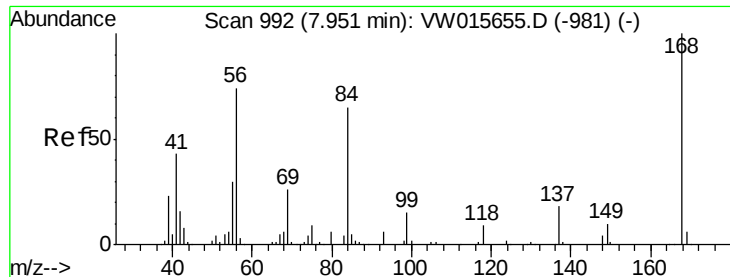
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062320\
Data File : VW015670.D
Acq On : 23 Jun 2020 18:57
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 24 03:07:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	154624	52.390	ug/l	99
94) Hexachlorobutadiene	15.24	225	86344	45.922	ug/l	95
95) Naphthalene	15.37	128	289990	59.406	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	134624	52.979	ug/l	97

(#) = 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: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

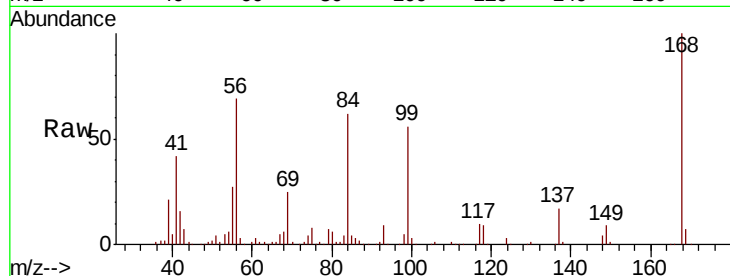
VSTDCCC050EC

Tot Ion:168 Resp: 196282

Ion Ratio Lower Upper

168 100

99 56.3 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

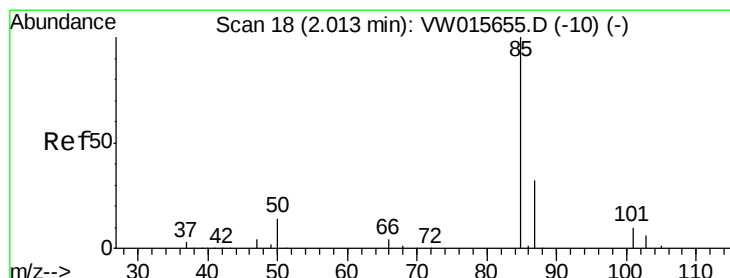
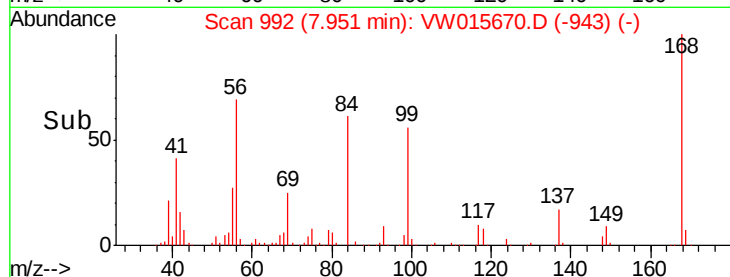
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 54.693 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015670.D

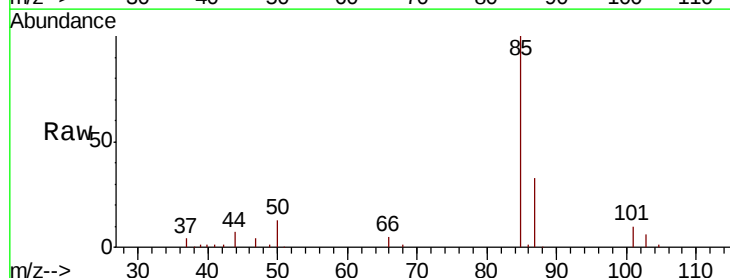
Acq: 23 Jun 2020 18:57

Tgt Ion: 85 Resp: 64010

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

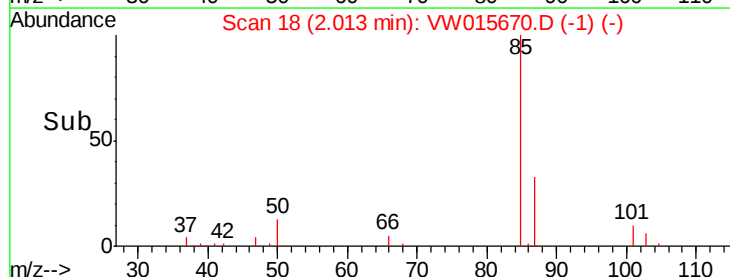
10000

5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 49.062 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

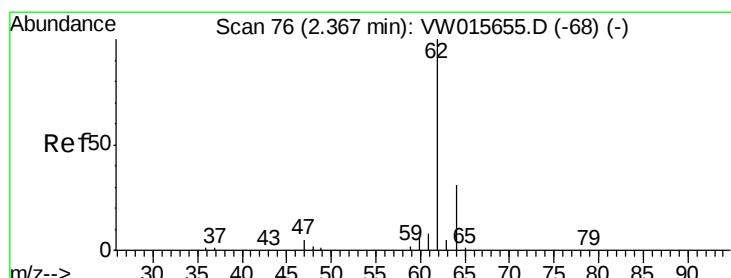
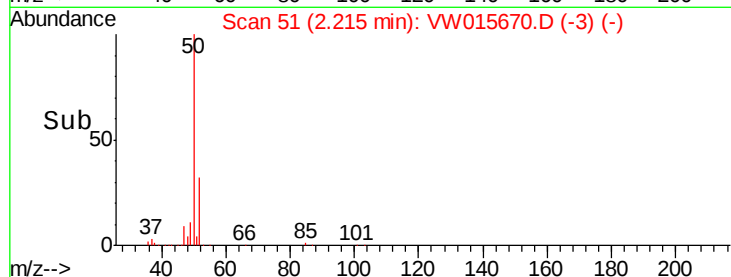
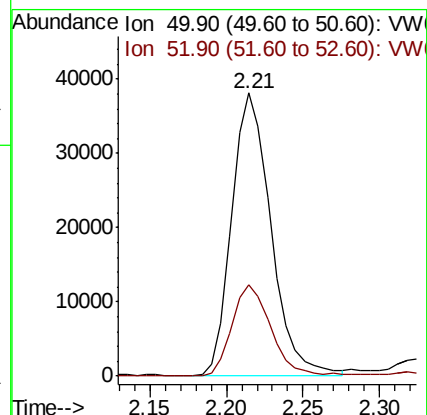
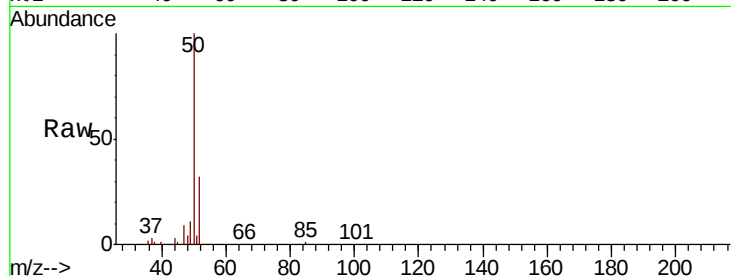
VSTDCCC050EC

Tot Ion: 50 Resp: 67426

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 49.411 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015670.D

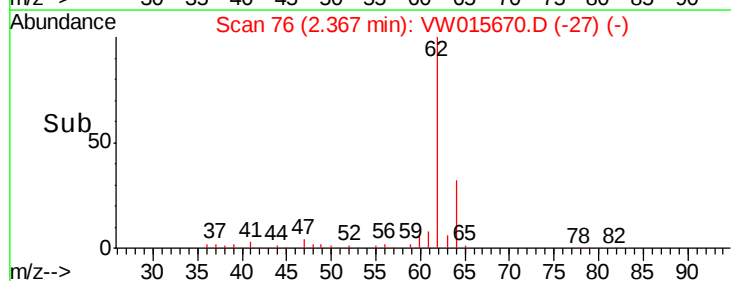
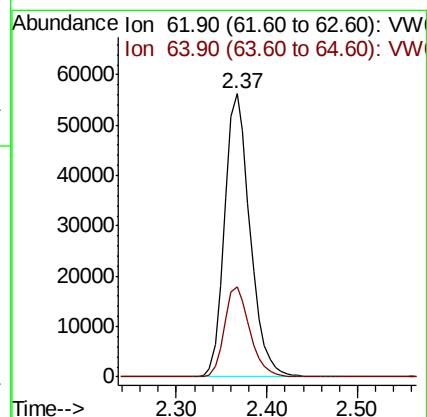
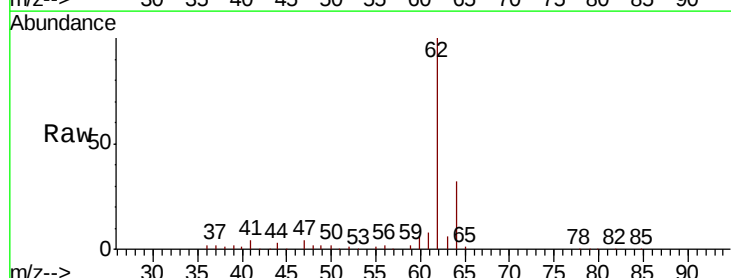
Acq: 23 Jun 2020 18:57

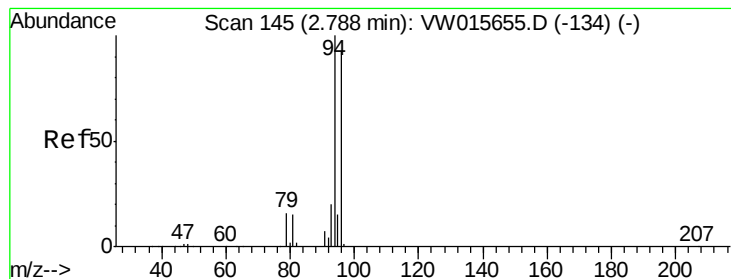
Tgt Ion: 62 Resp: 109779

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 50.333 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

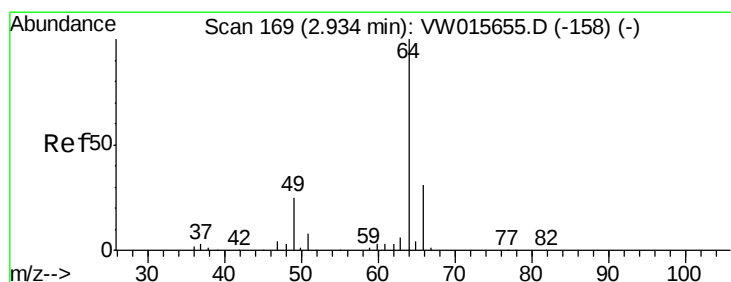
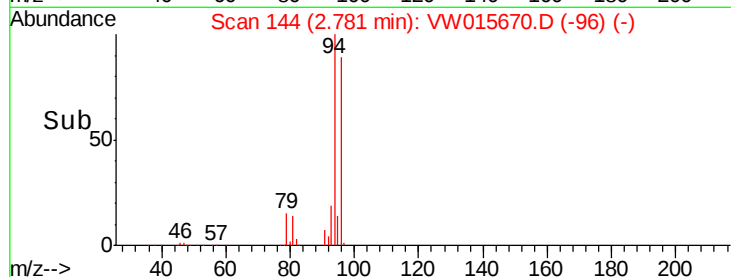
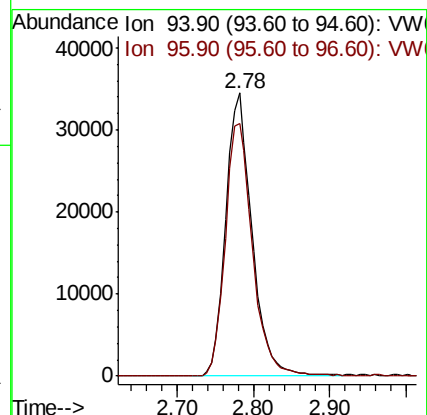
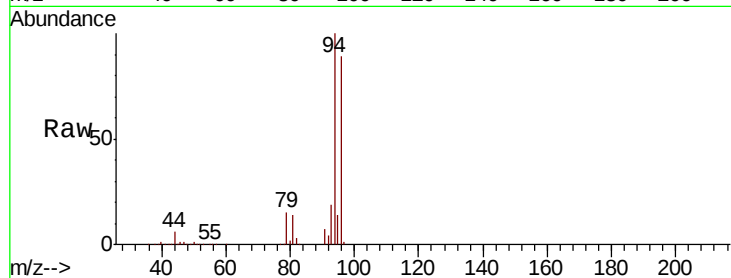
VSTDCCC050EC

Tot Ion: 94 Resp: 82192

Ion Ratio Lower Upper

94 100

96 89.3 73.8 110.6



#6

Chloroethane

Concen: 49.988 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015670.D

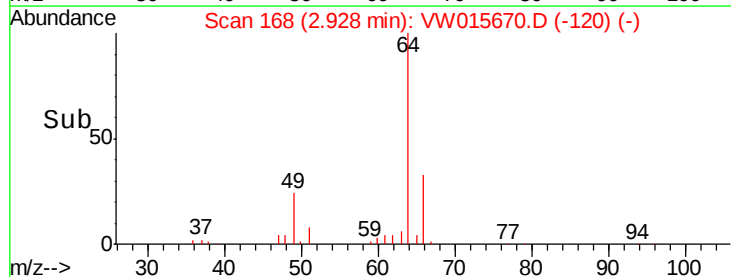
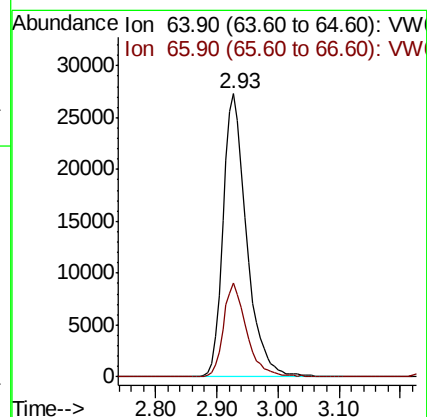
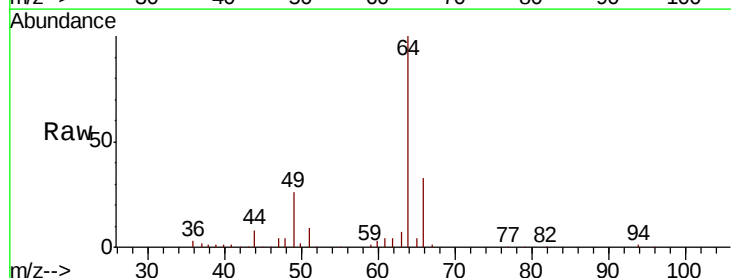
Acq: 23 Jun 2020 18:57

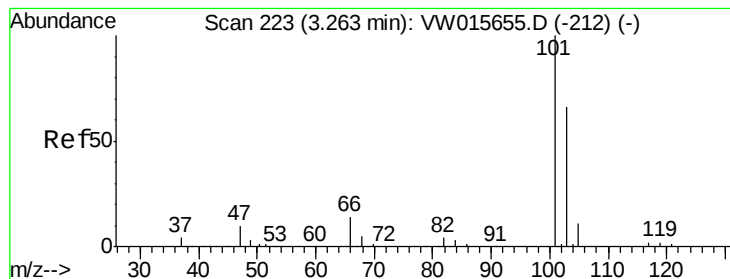
Tgt Ion: 64 Resp: 73088

Ion Ratio Lower Upper

64 100

66 33.3 25.3 37.9



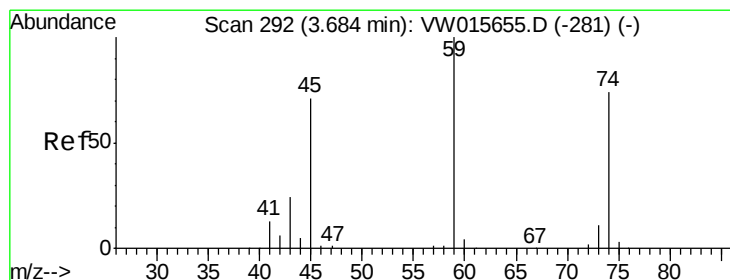
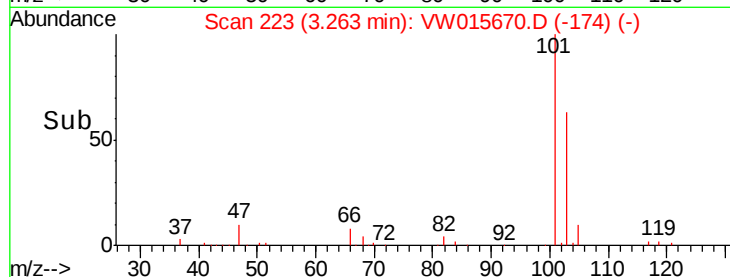
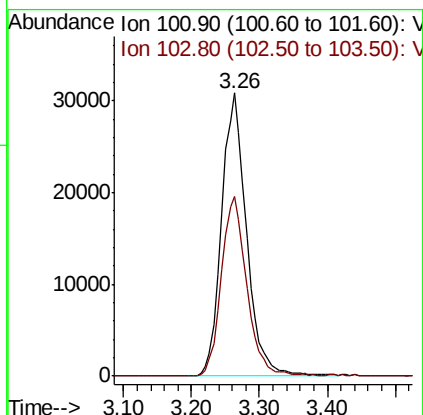
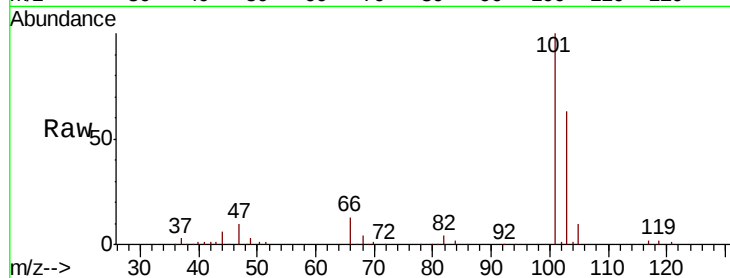


#7

Trichlorofluoromethane
 Concen: 47.192 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

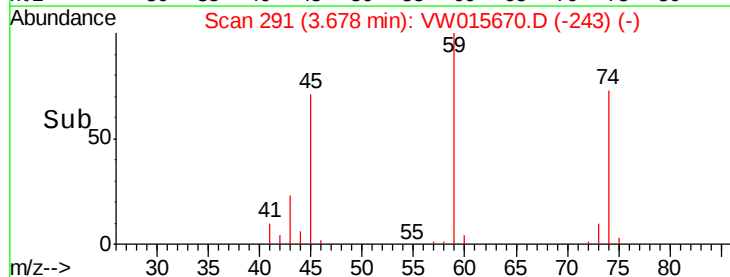
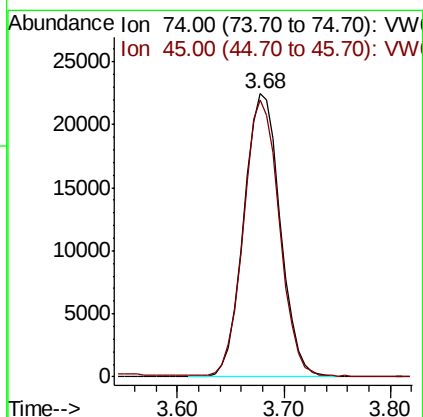
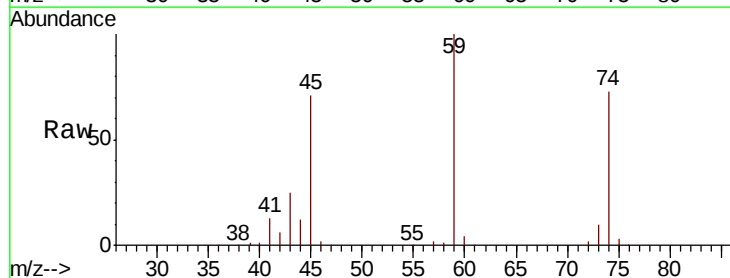
Tot Ion:101 Resp: 78726
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.6 78.8

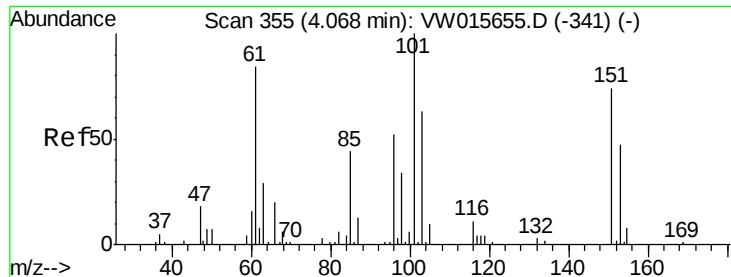


#8

Diethyl Ether
 Concen: 55.976 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion: 74 Resp: 53929
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.233 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

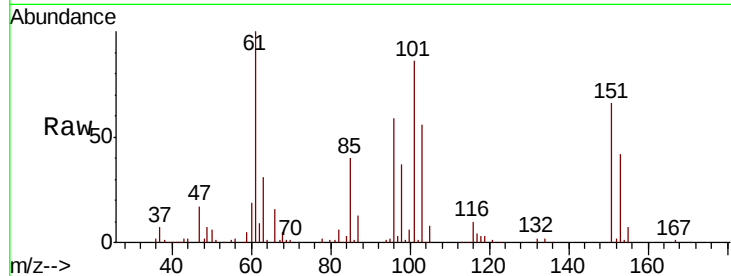
Tot Ion:101 Resp: 94843

Ion Ratio Lower Upper

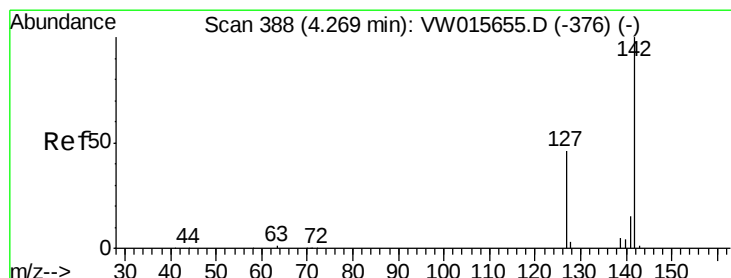
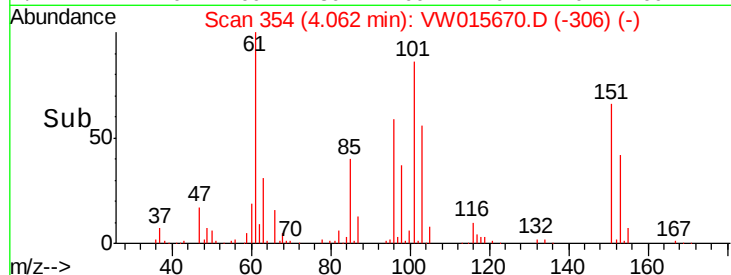
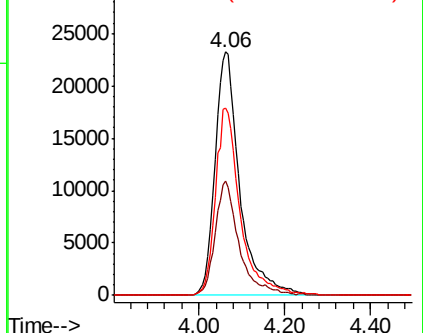
101 100

85 45.6 36.6 55.0

151 76.4 60.4 90.6



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: 49.850 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

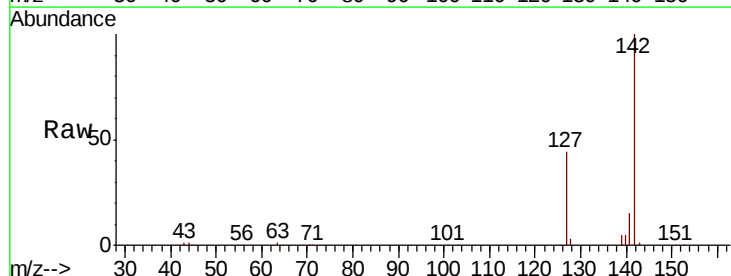
Tgt Ion:142 Resp: 138603

Ion Ratio Lower Upper

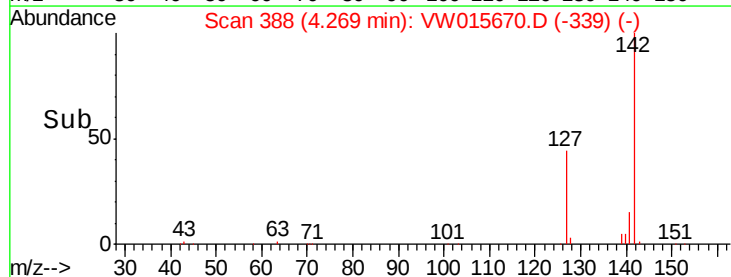
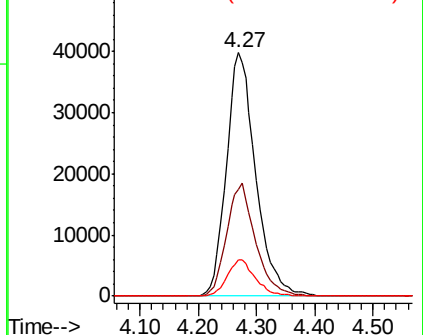
142 100

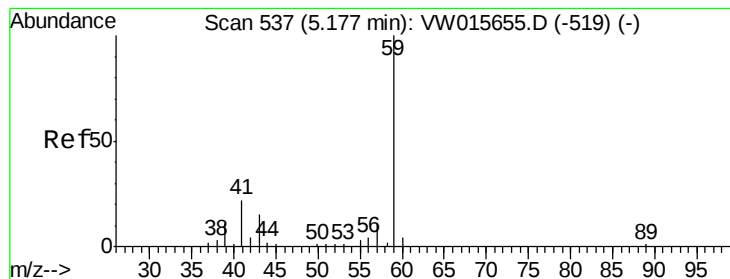
127 45.7 36.4 54.6

141 14.5 11.6 17.4



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



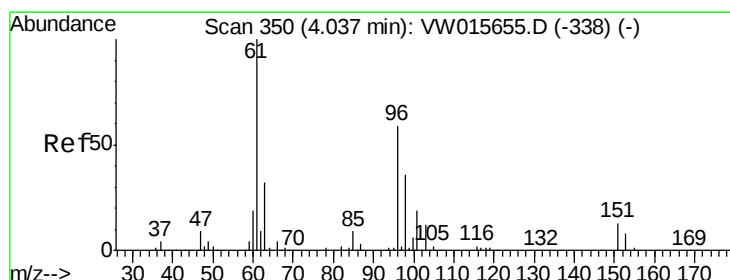
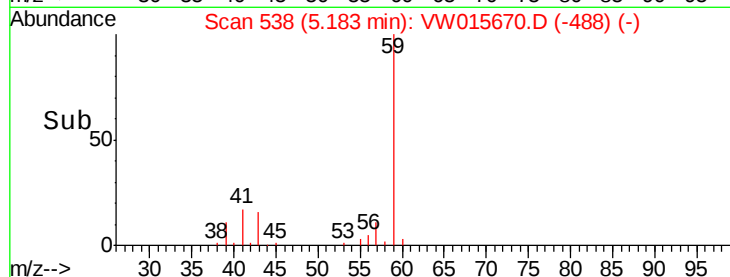
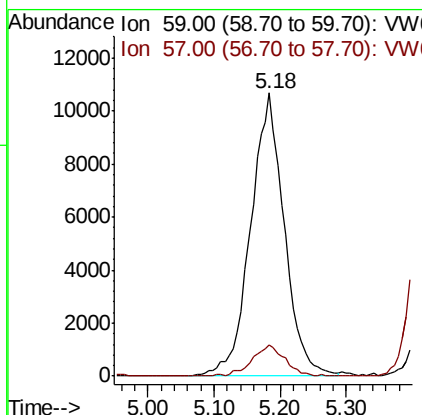
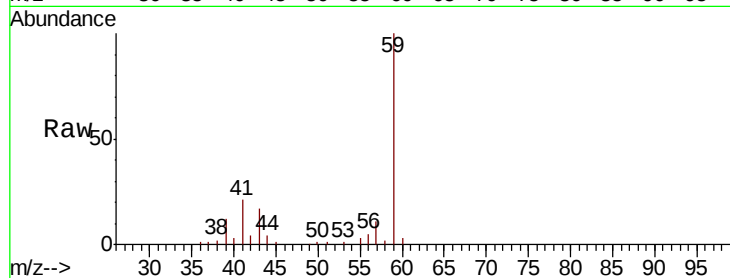


#11

Tert butyl alcohol
 Concen: 320.986 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

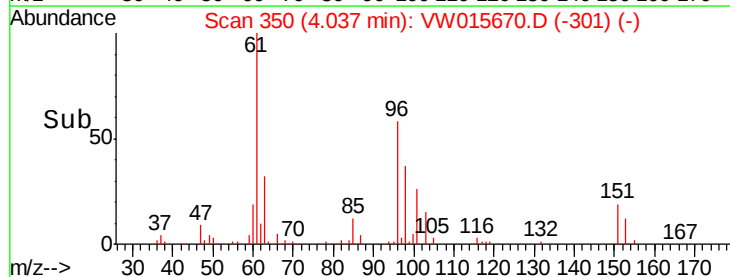
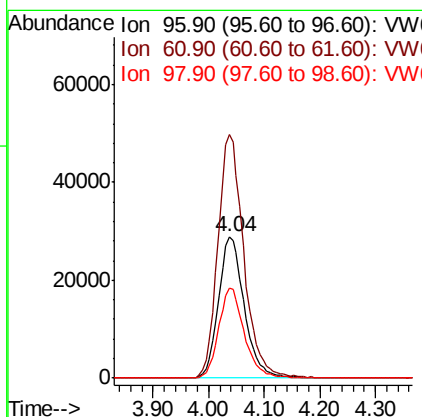
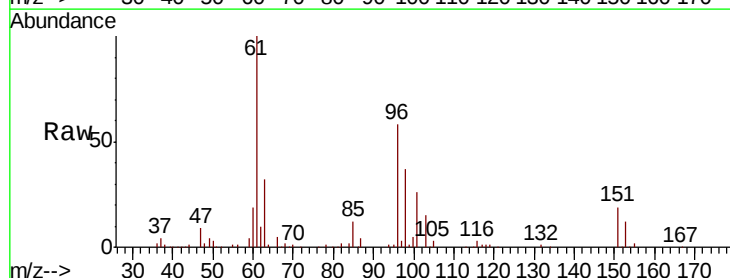
Tot Ion: 59 Resp: 37731
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

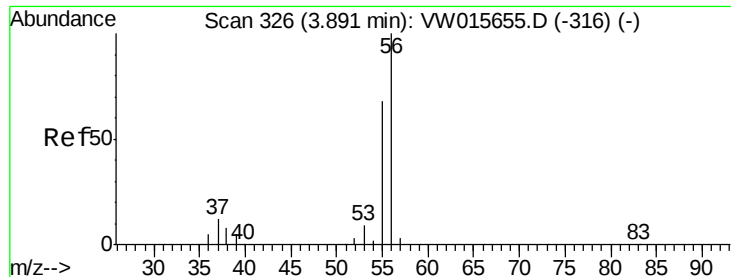


#12

1,1-Dichloroethene
 Concen: 48.490 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion: 96 Resp: 92843
 Ion Ratio Lower Upper
 96 100
 61 171.8 136.7 205.1
 98 63.5 49.2 73.8





#13

Acrolein

Concen: 279.349 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

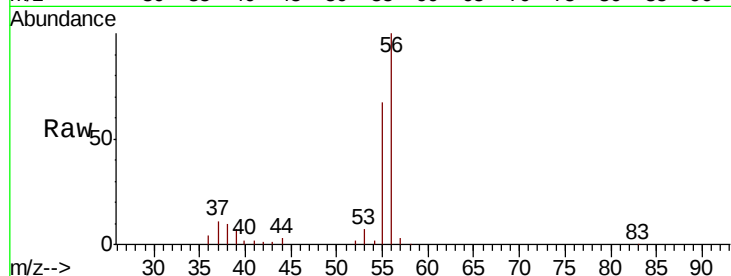
VSTDCCC050EC

Tot Ion: 56 Resp: 42380

Ion Ratio Lower Upper

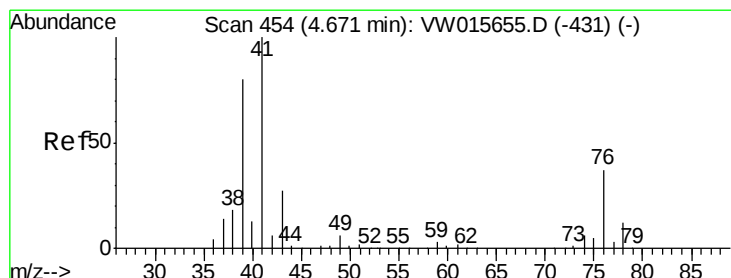
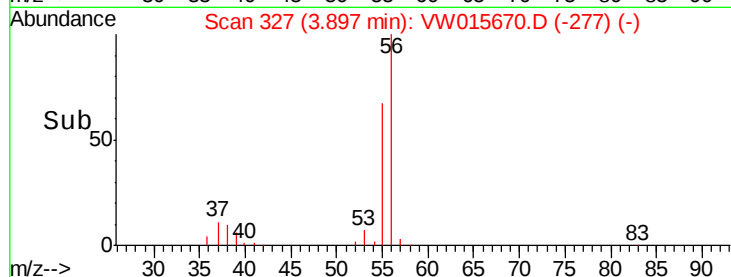
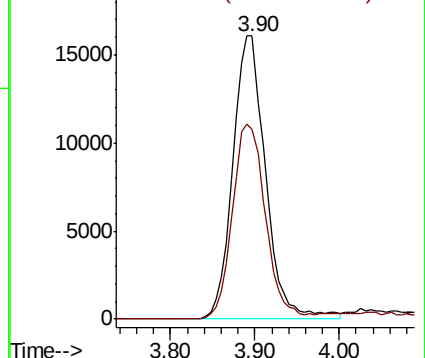
56 100

55 69.8 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.376 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

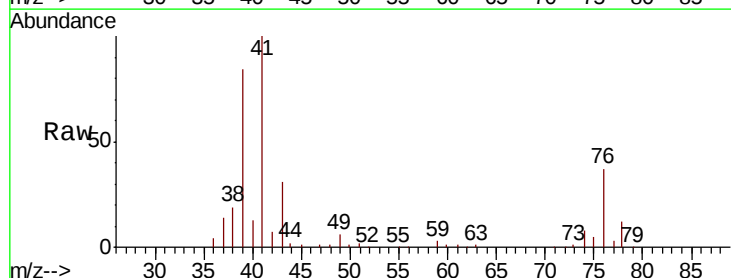
Tgt Ion: 41 Resp: 153379

Ion Ratio Lower Upper

41 100

39 81.7 64.6 97.0

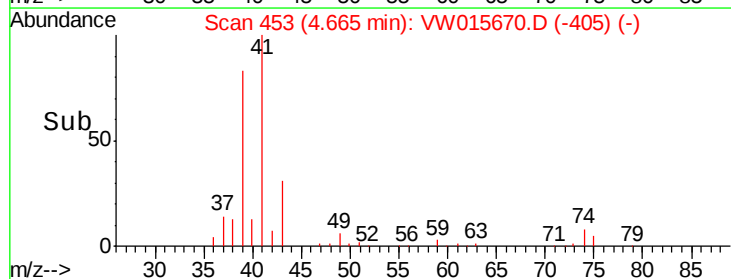
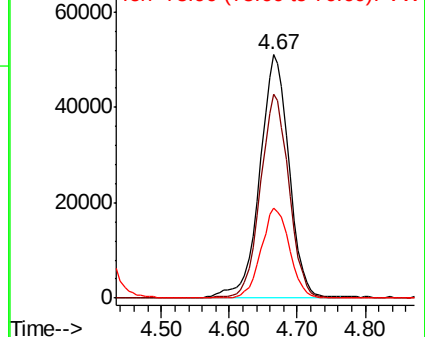
76 35.9 29.1 43.7

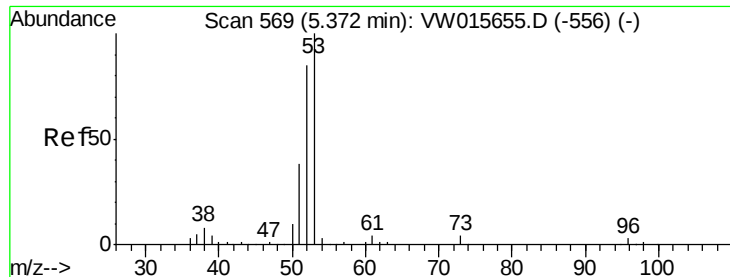


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 291.966 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

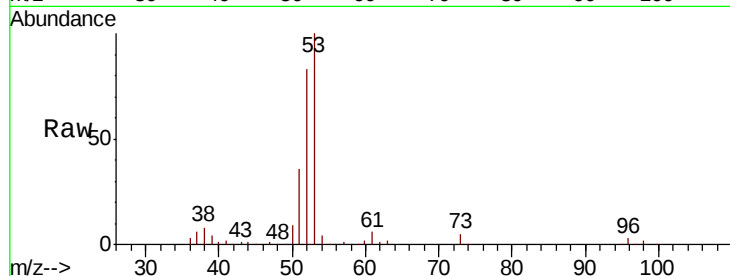
Tot Ion: 53 Resp: 116056

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.6

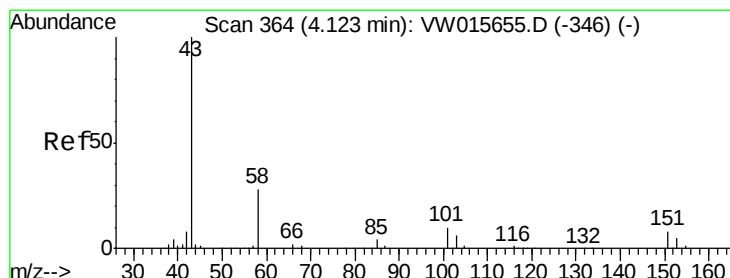
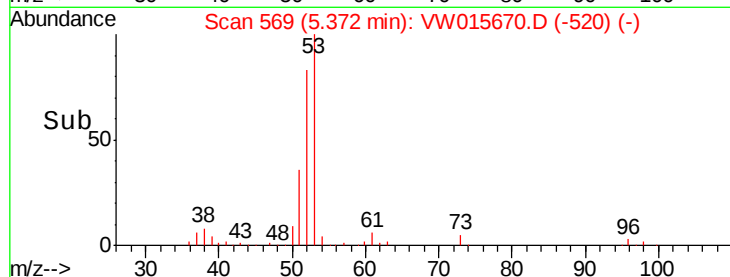
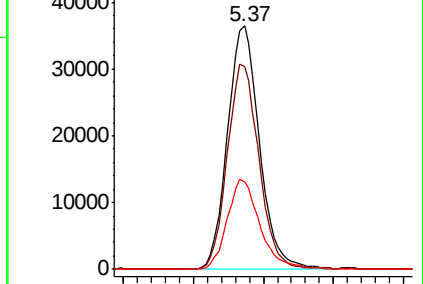
51 37.8 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 276.623 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015670.D

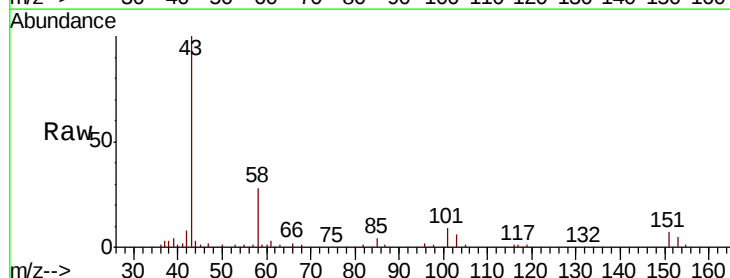
Acq: 23 Jun 2020 18:57

Tgt Ion: 43 Resp: 114845

Ion Ratio Lower Upper

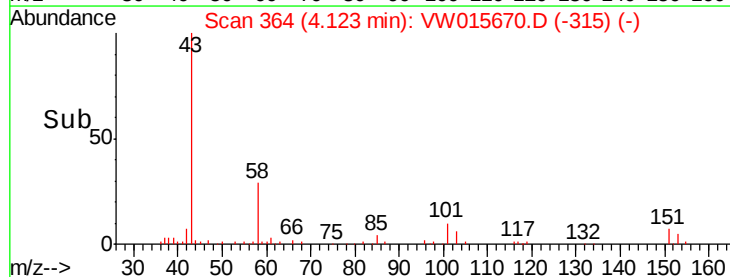
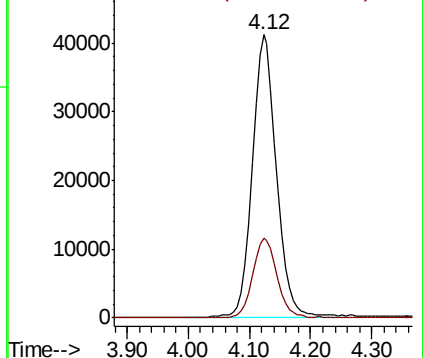
43 100

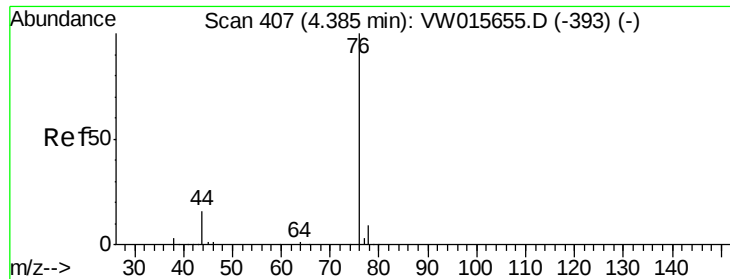
58 28.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

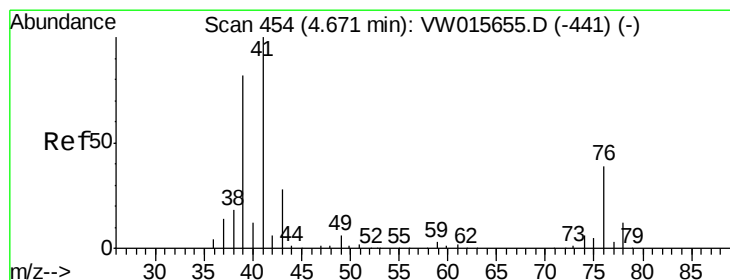
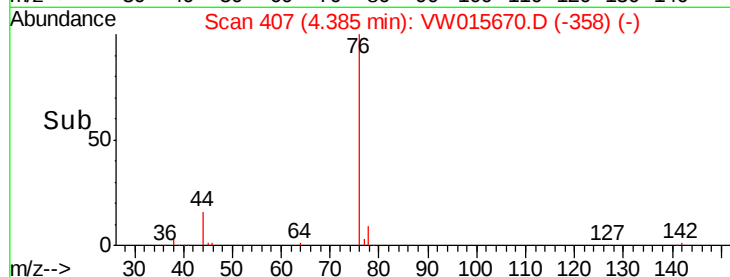
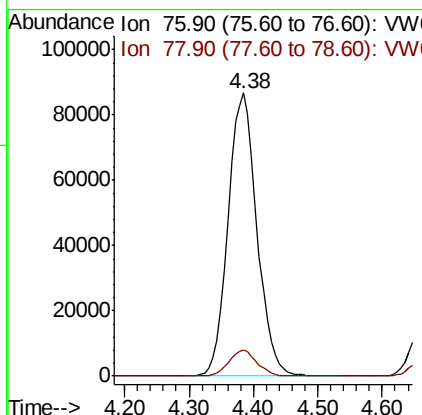
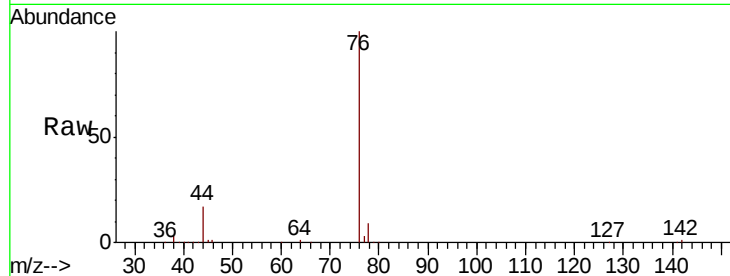




#17
Carbon Disulfide
Concen: 49.203 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

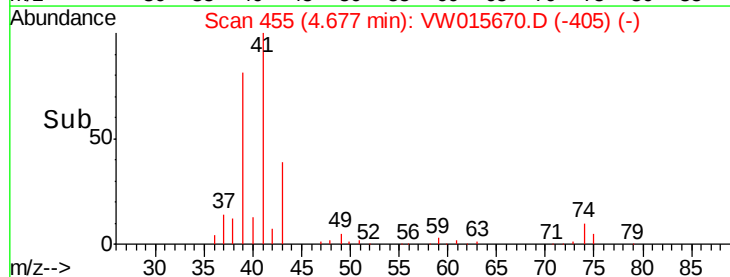
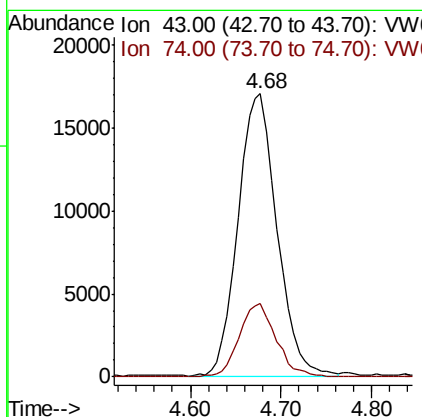
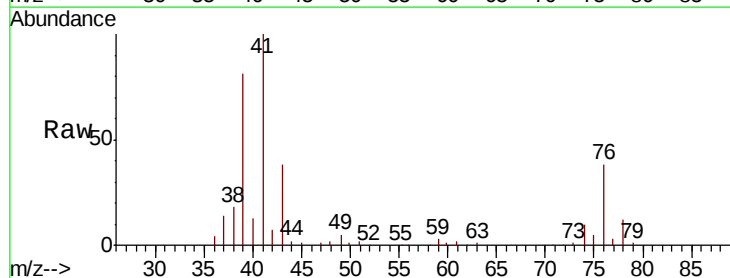
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

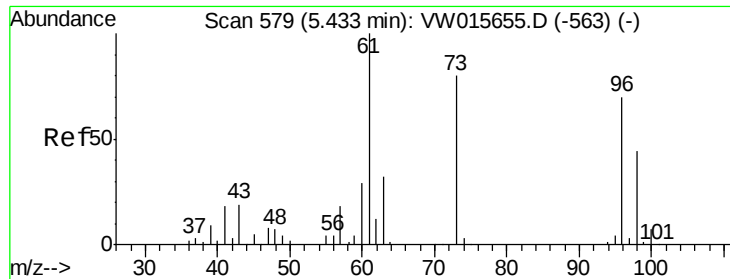
Tot Ion: 76 Resp: 271140
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 60.426 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 43 Resp: 51075
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6

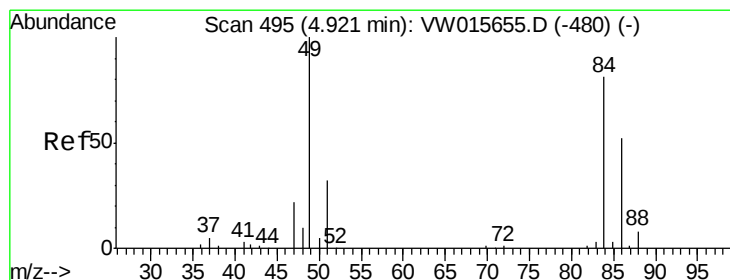
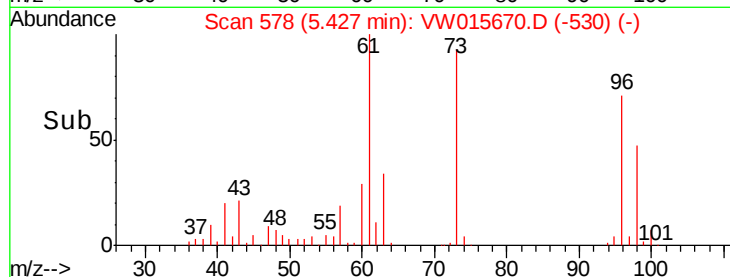
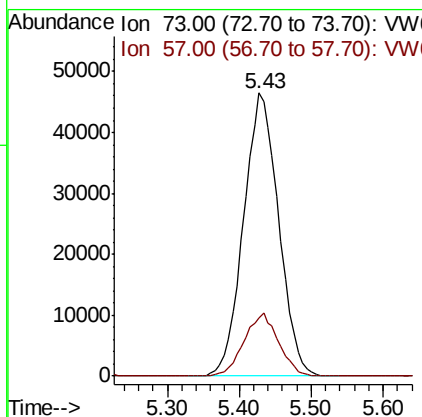
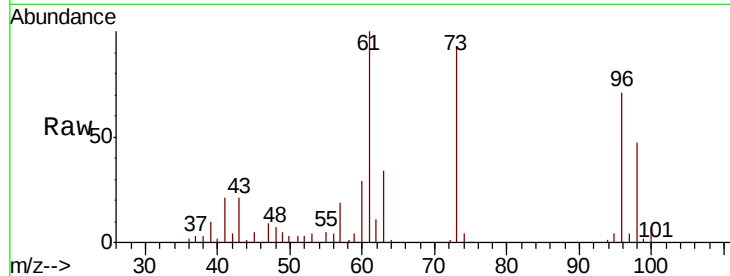




#19
Methyl tert-butyl Ether
Concen: 54.452 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

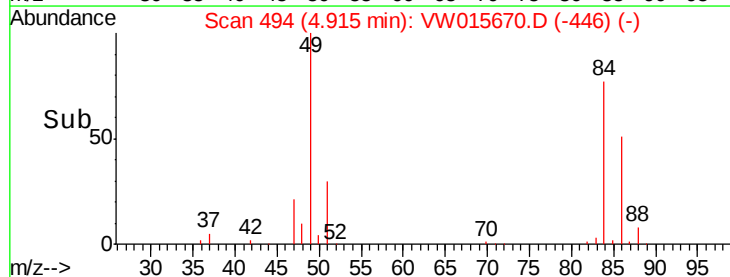
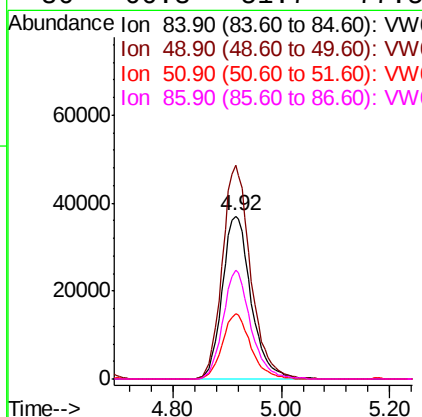
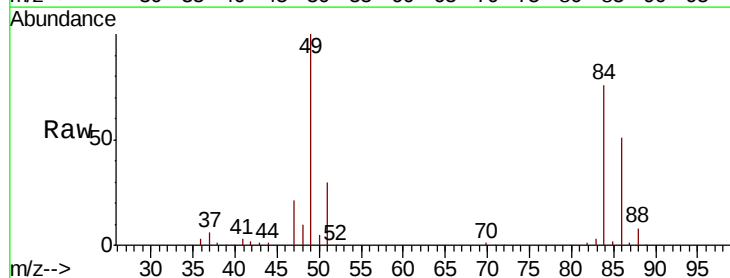
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

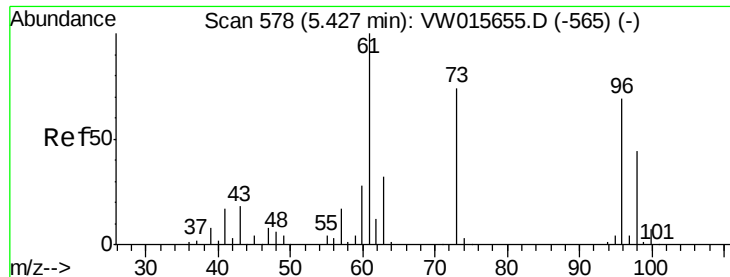
Tot Ion: 73 Resp: 156905
Ion Ratio Lower Upper
73 100
57 20.5 18.1 27.1



#20
Methylene Chloride
Concen: 69.005 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 84 Resp: 136081
Ion Ratio Lower Upper
84 100
49 130.9 99.3 148.9
51 39.7 31.8 47.6
86 66.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 49.370 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

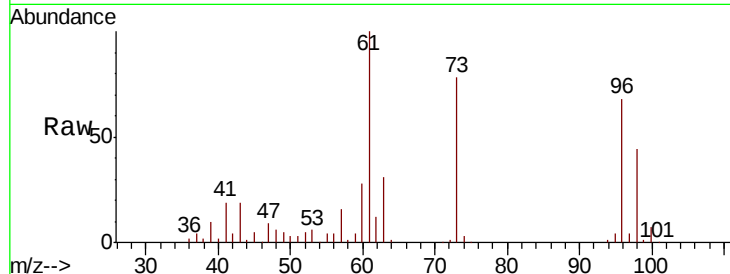
Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 108376

Ion	Ratio	Lower	Upper
96	100		
61	147.0	116.2	174.2
98	64.0	51.4	77.0

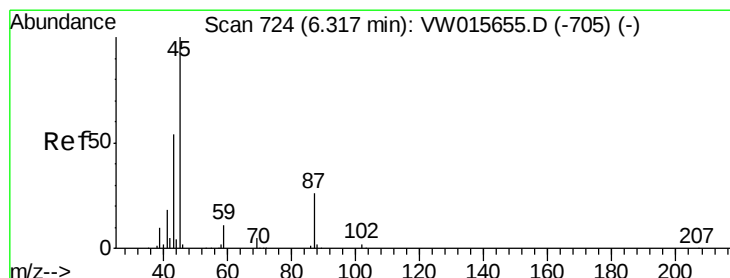
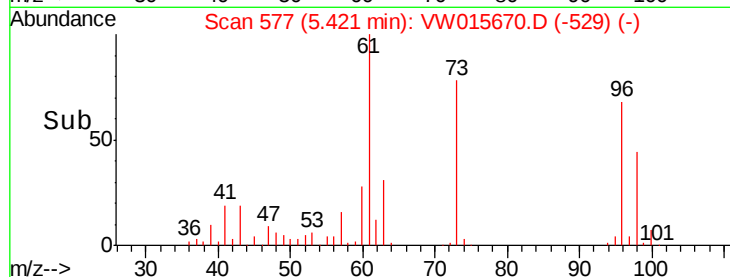
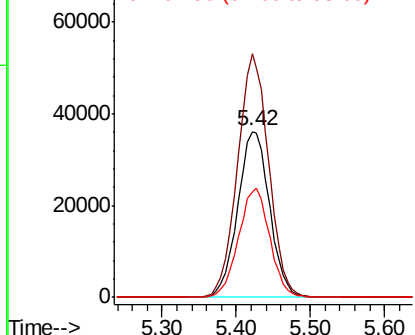


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 52.177 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Tgt Ion: 45 Resp: 322359

Ion	Ratio	Lower	Upper
45	100		
43	53.3	43.9	65.9
87	27.3	21.2	31.8
59	11.5	9.2	13.8

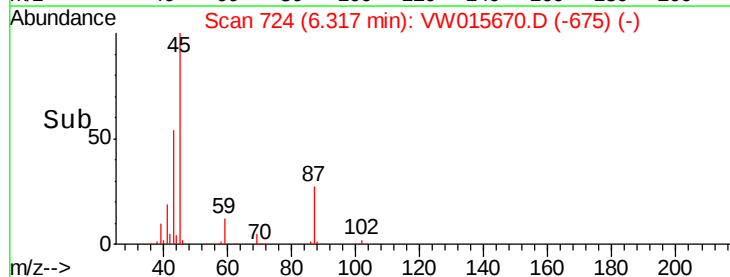
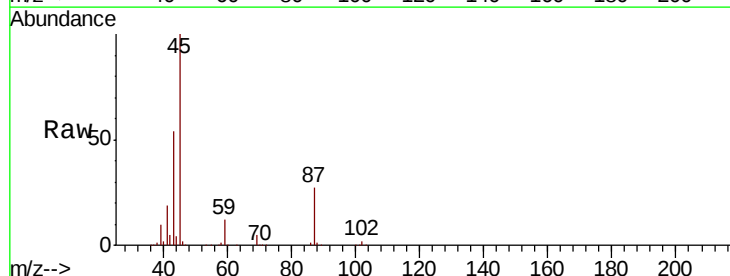
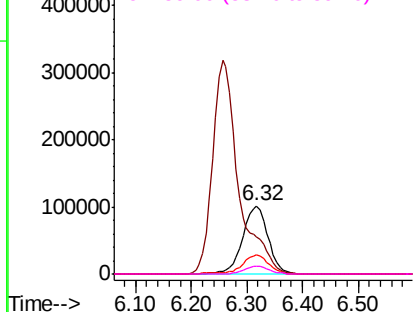
Abundance

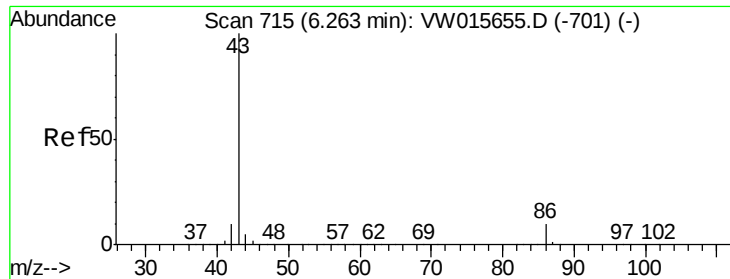
Ion 45.00 (44.70 to 45.70): VW

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: 287.095 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

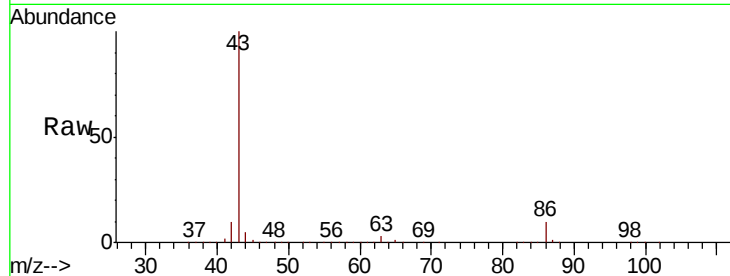
VSTDCCC050EC

Tot Ion: 43 Resp: 1034361

Ion Ratio Lower Upper

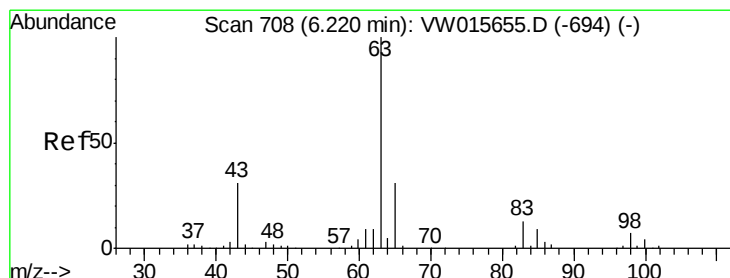
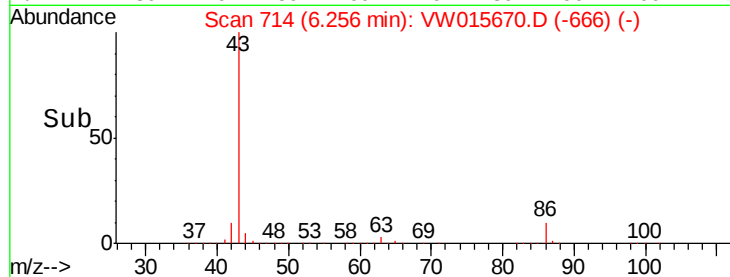
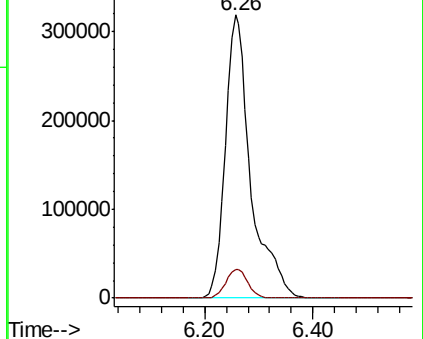
43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.772 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

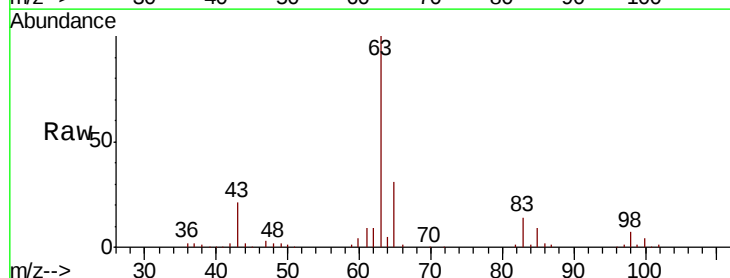
Tgt Ion: 63 Resp: 193562

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

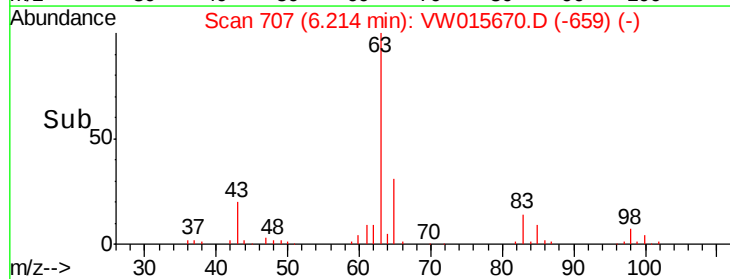
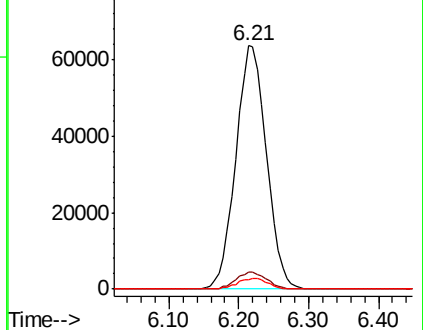
100 4.1 2.1 6.3

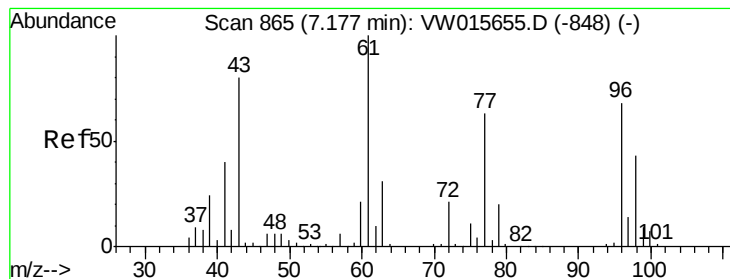


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 289.602 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

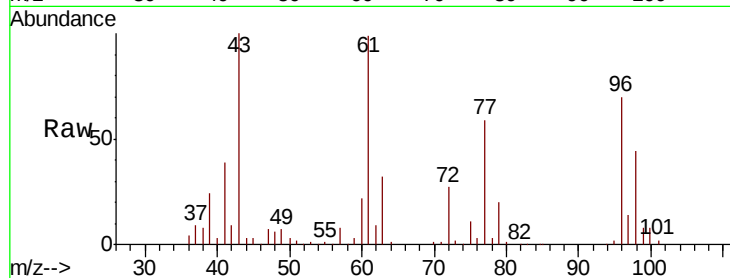
VSTDCCC050EC

Tot Ion: 43 Resp: 162499

Ion Ratio Lower Upper

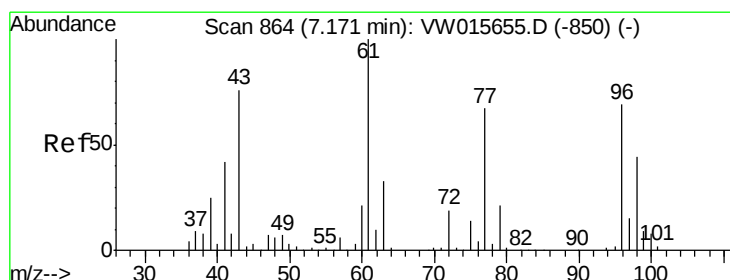
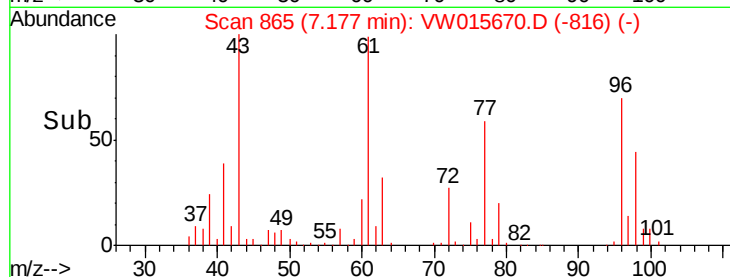
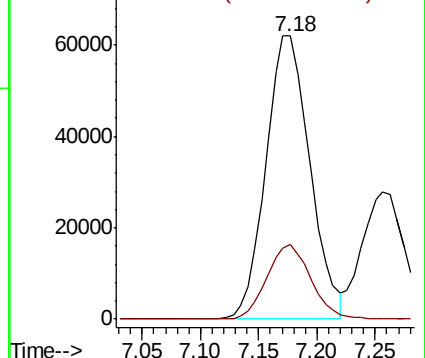
43 100

72 26.6 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 44.765 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015670.D

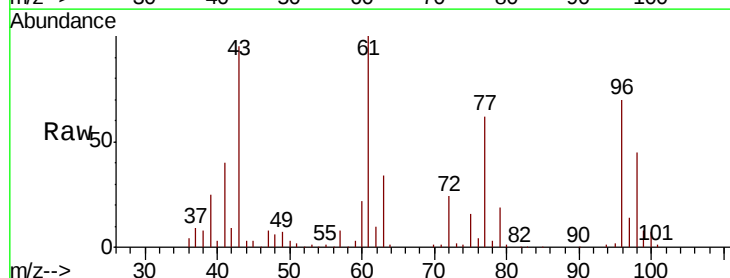
Acq: 23 Jun 2020 18:57

Tgt Ion: 77 Resp: 116764

Ion Ratio Lower Upper

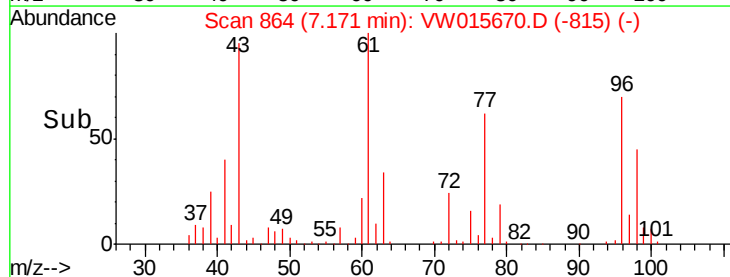
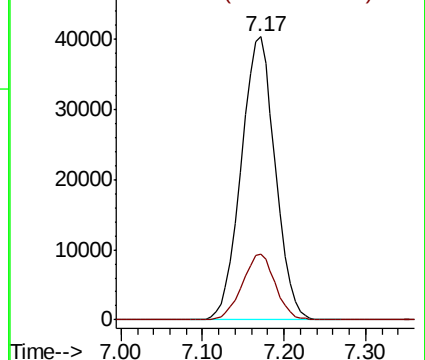
77 100

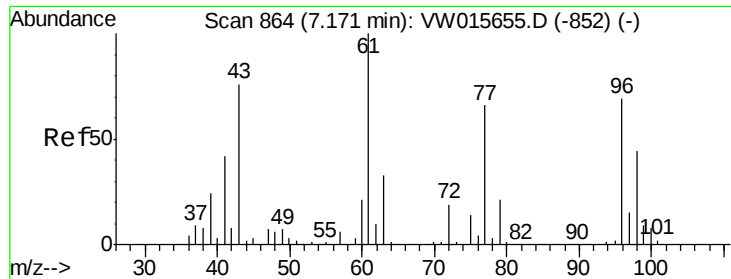
97 22.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



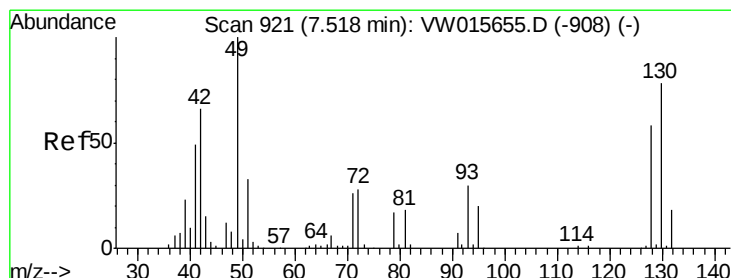
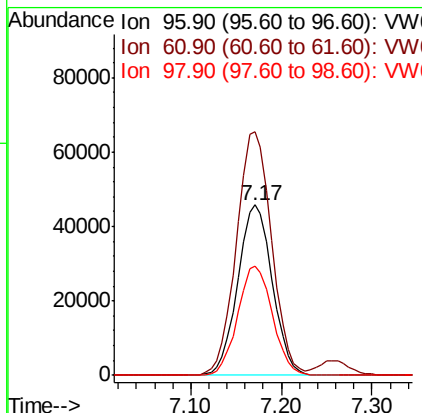
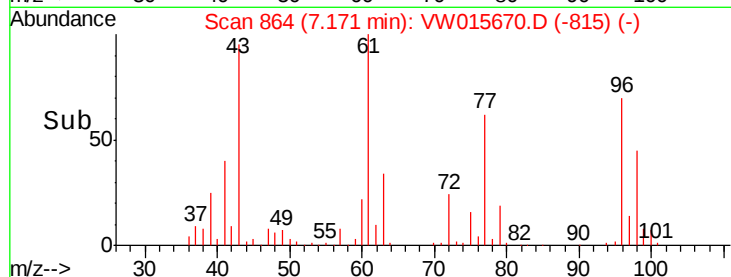
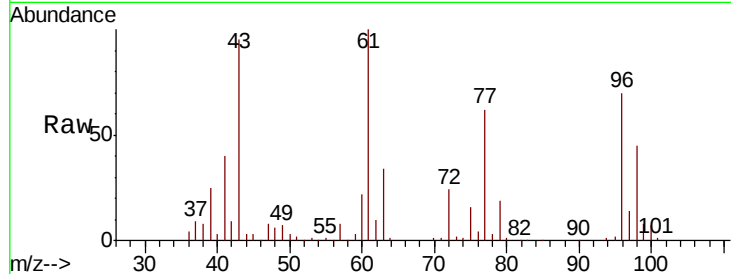


#27

cis-1,2-Dichloroethene
Concen: 51.135 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

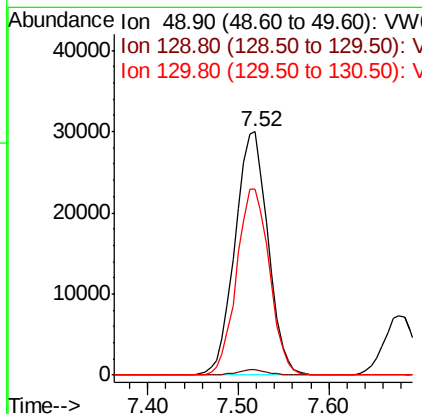
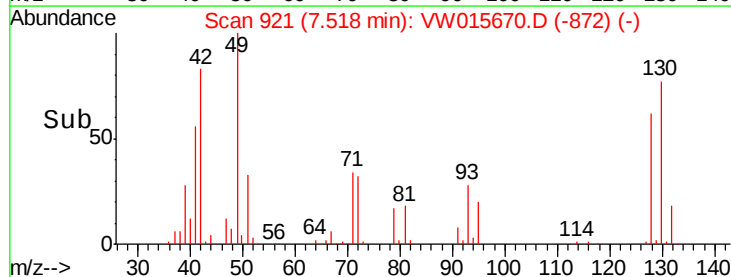
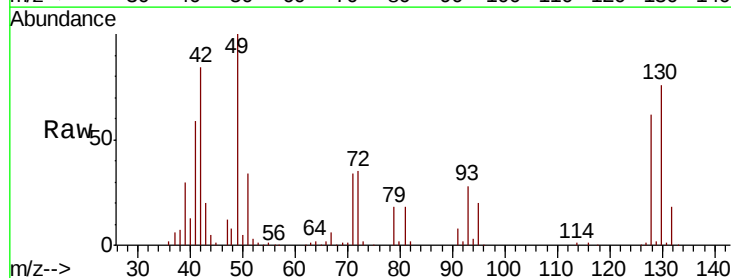
Tot Ion: 96 Resp: 120754
Ion Ratio Lower Upper
96 100
61 145.7 0.0 296.8
98 64.4 0.0 128.0



#28

Bromochloromethane
Concen: 50.675 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 49 Resp: 75807
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.2
130 76.0 61.0 91.4

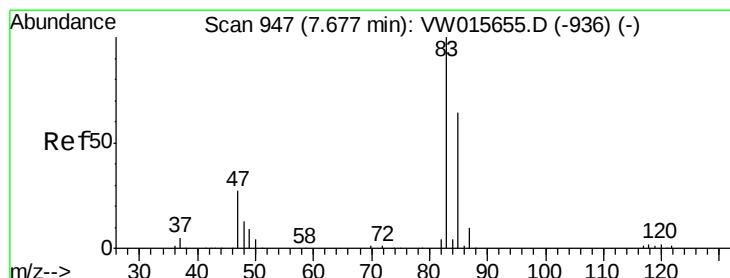
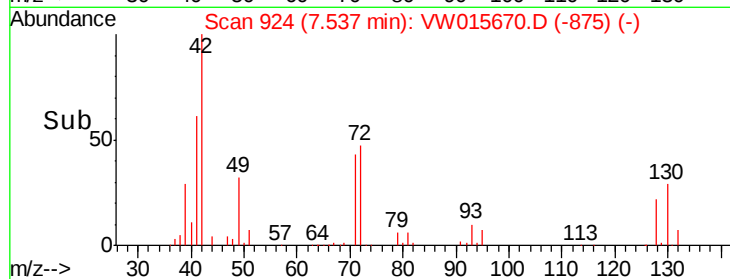
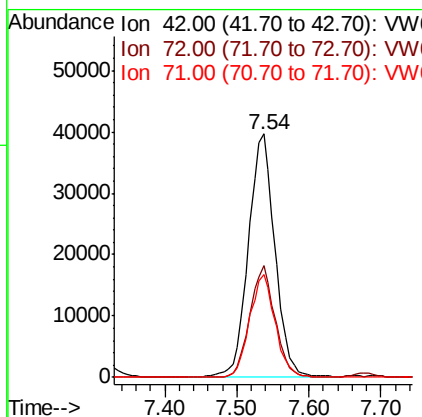
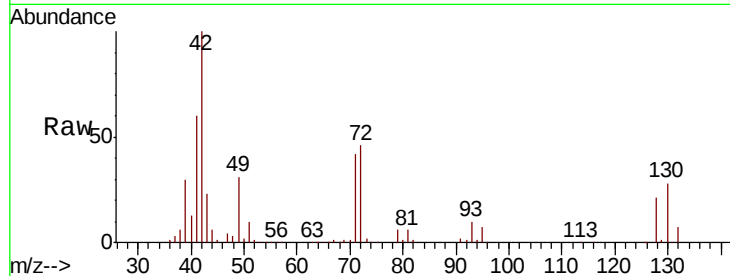




#29
Tetrahydrofuran
Concen: 307.898 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

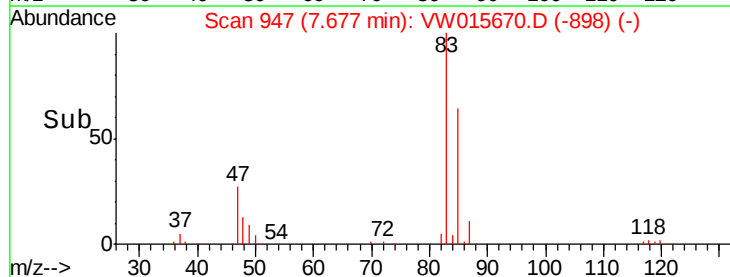
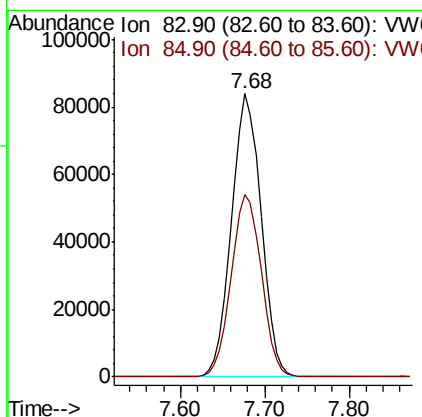
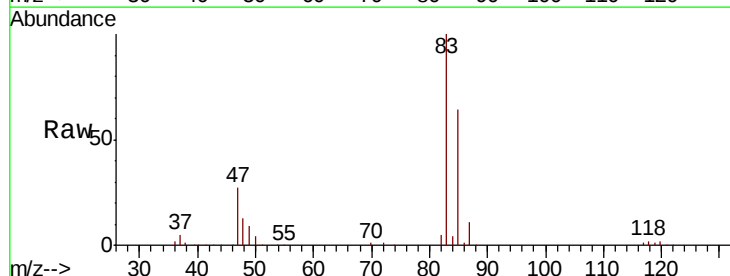
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

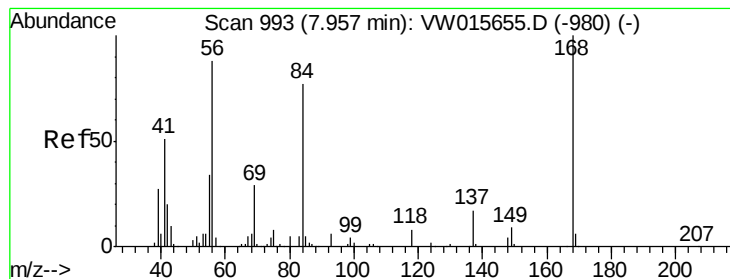
Tot Ion: 42 Resp: 101524
Ion Ratio Lower Upper
42 100
72 43.6 35.0 52.6
71 40.6 32.6 49.0



#30
Chloroform
Concen: 50.165 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 83 Resp: 200083
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.4





#31

Cyclohexane

Concen: 46.129 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

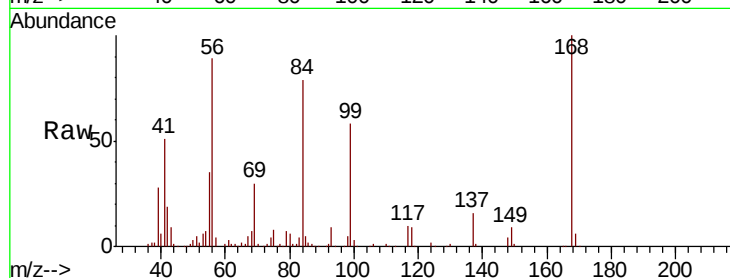
Tot Ion: 56 Resp: 173533

Ion Ratio Lower Upper

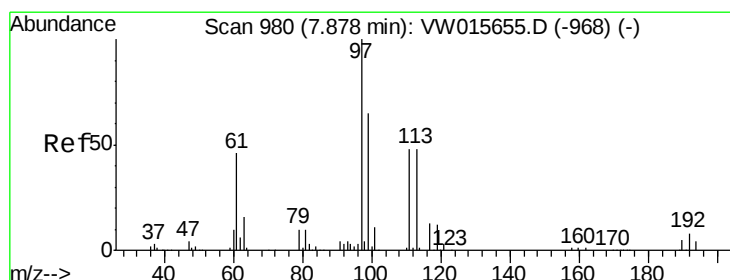
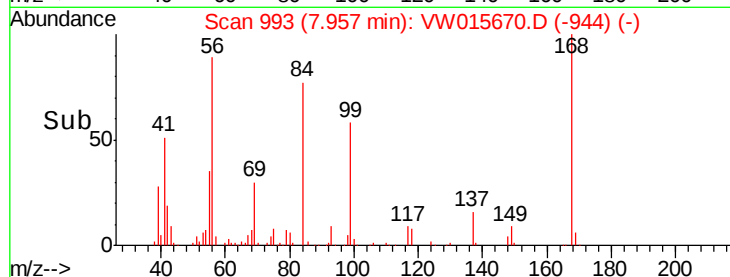
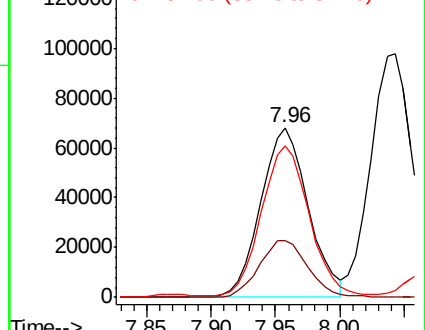
56 100

69 33.6 26.2 39.4

84 88.2 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 49.085 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

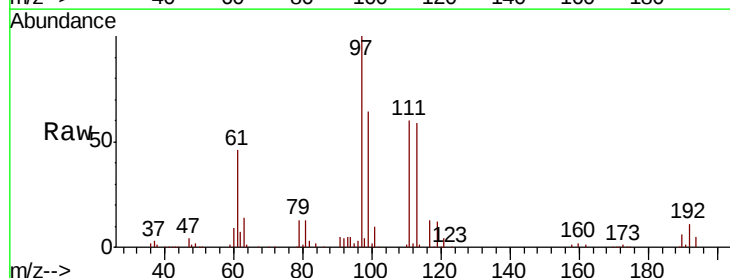
Tgt Ion: 97 Resp: 166879

Ion Ratio Lower Upper

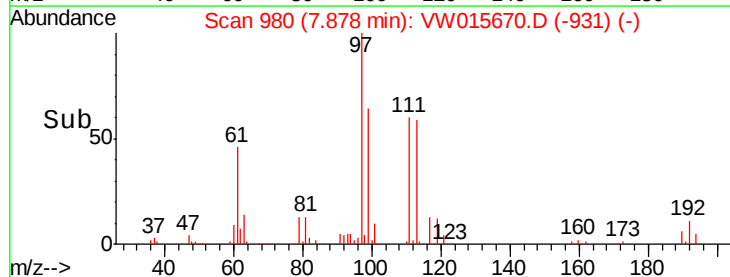
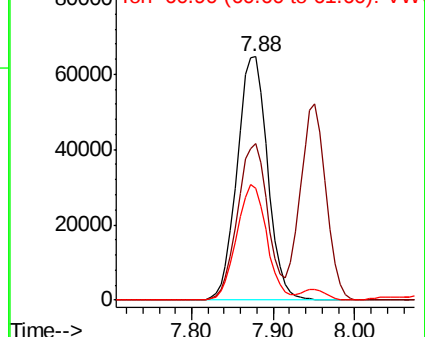
97 100

99 64.4 51.9 77.9

61 46.8 37.3 55.9



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

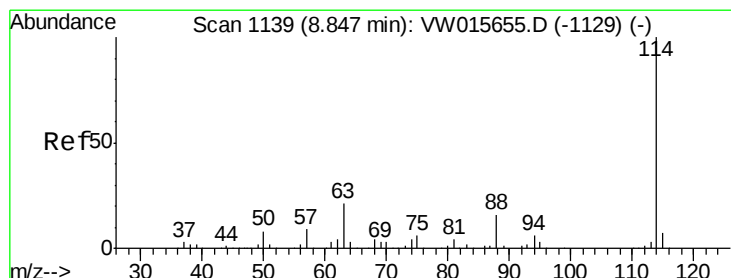
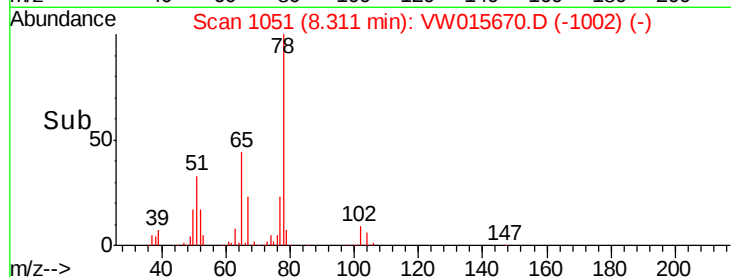
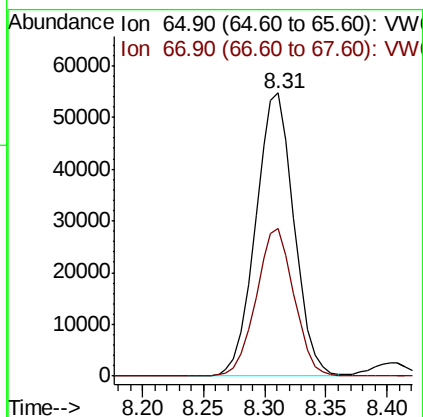
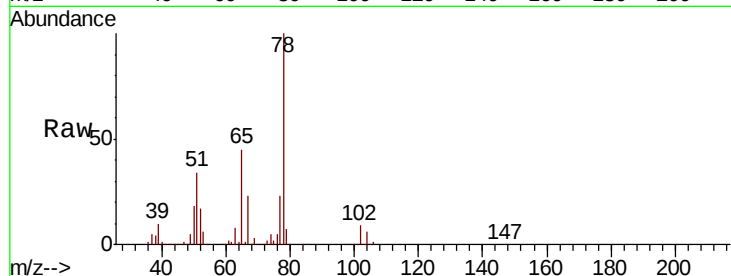




#33
 1,2-Dichloroethane-d4
 Concen: 54.421 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

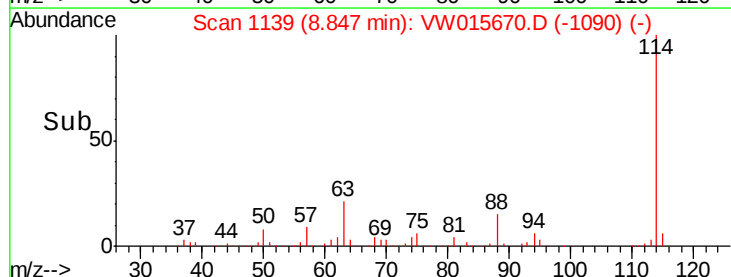
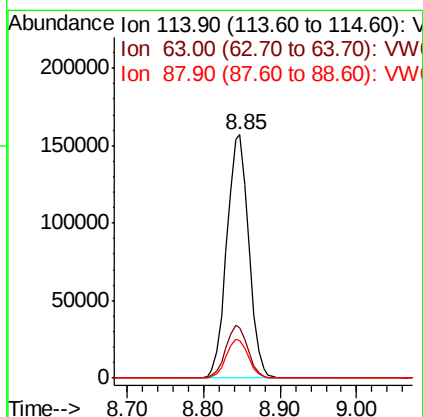
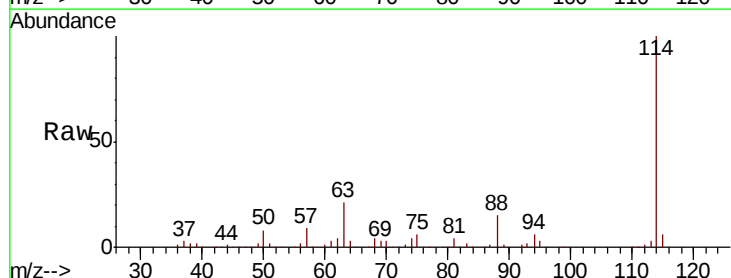
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

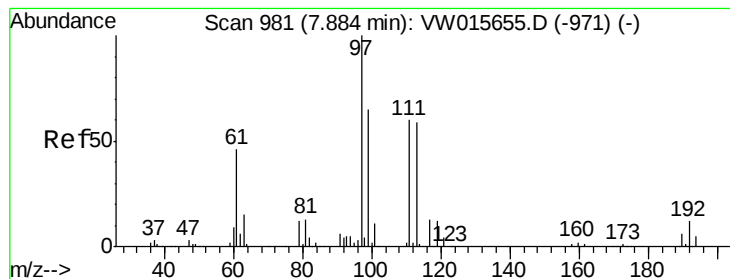
Tot Ion: 65 Resp: 118851
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion: 114 Resp: 310455
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.198 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

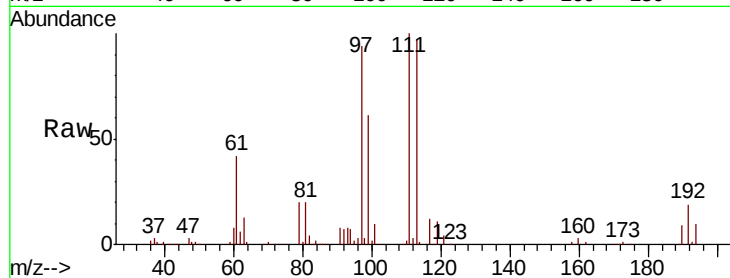
Tot Ion:113 Resp: 101935

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

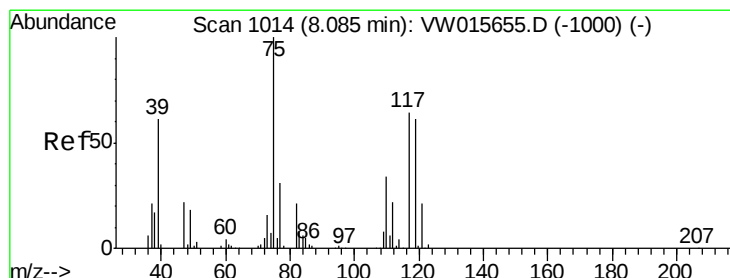
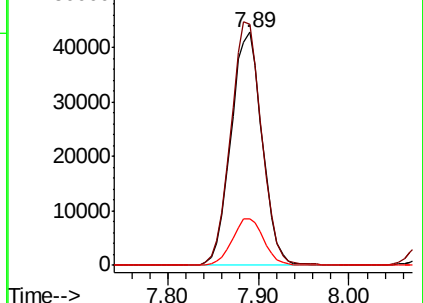
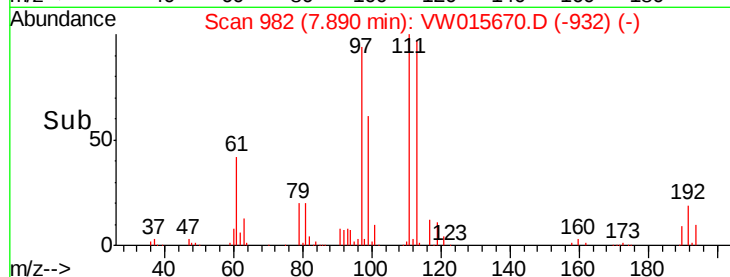
192 20.2 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.148 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

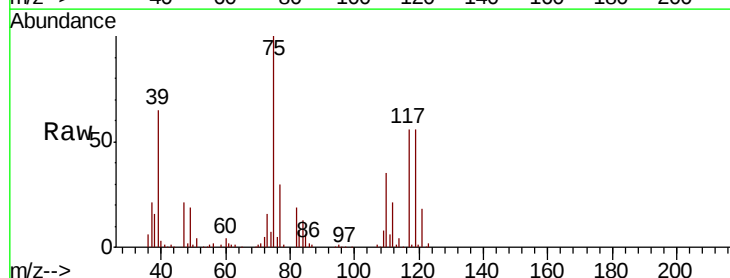
Tgt Ion: 75 Resp: 158701

Ion Ratio Lower Upper

75 100

110 33.9 17.0 51.0

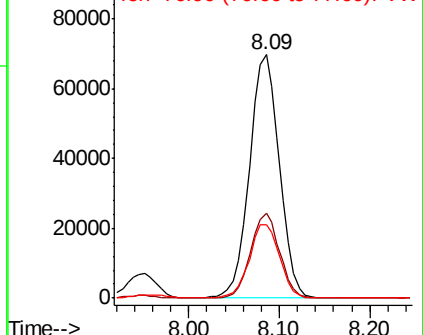
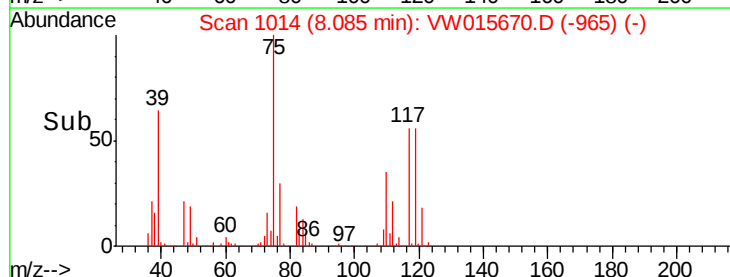
77 30.9 24.6 36.8

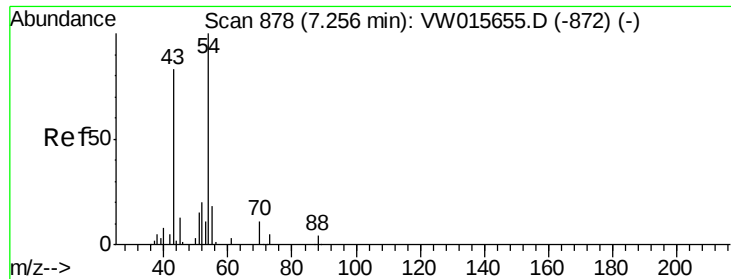


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

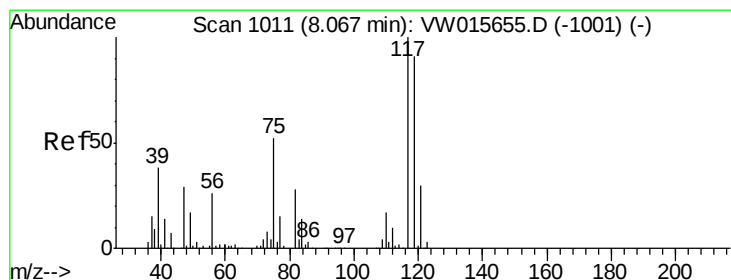
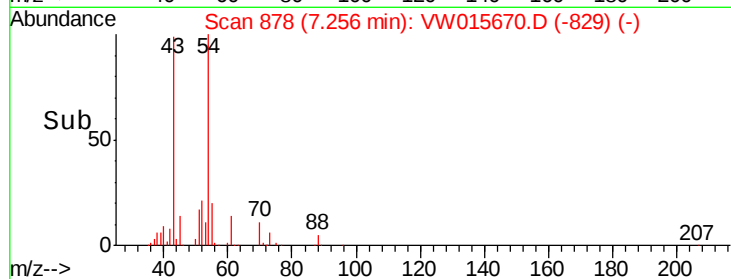
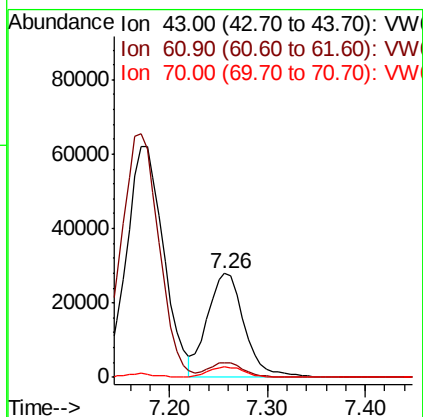
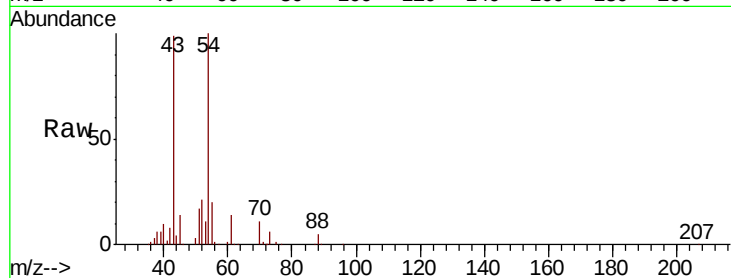




#37
Ethyl Acetate
Concen: 58.938 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

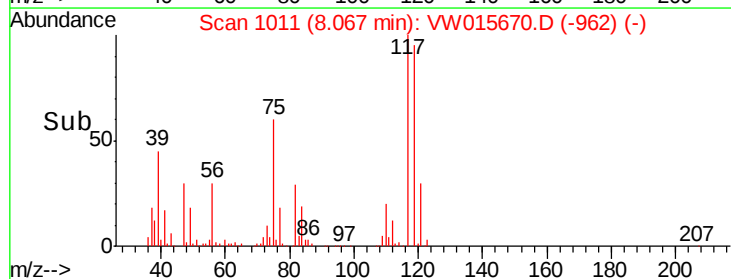
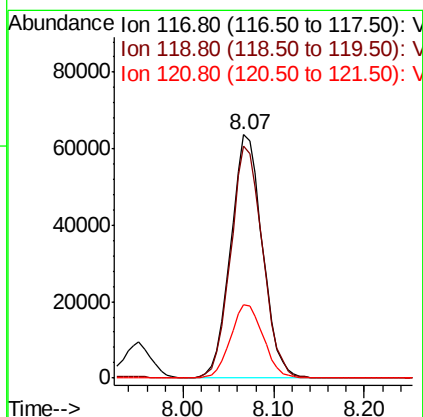
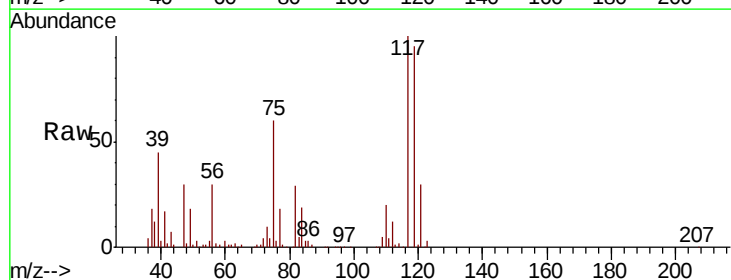
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 72666
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.436 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 117 Resp: 154739
Ion Ratio Lower Upper
117 100
119 95.3 73.2 109.8
121 30.0 23.9 35.9

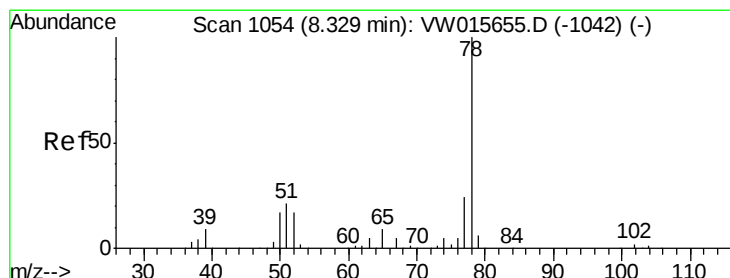
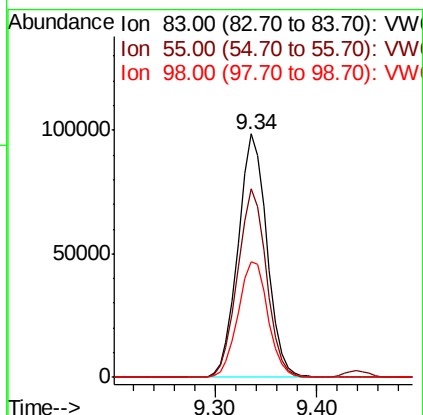
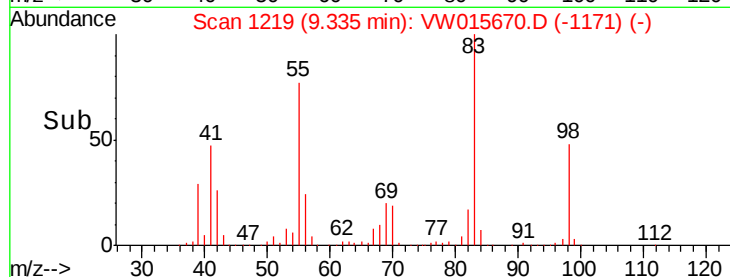
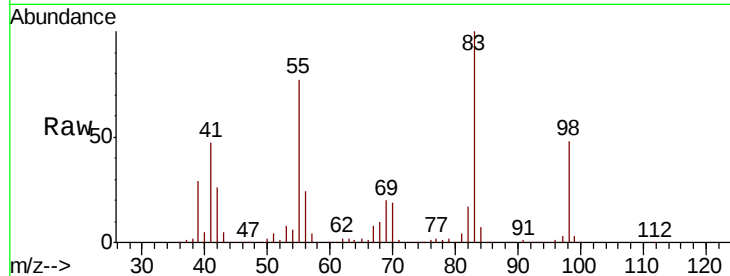




#39
Methvlcvclohexane
Concen: 49.481 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

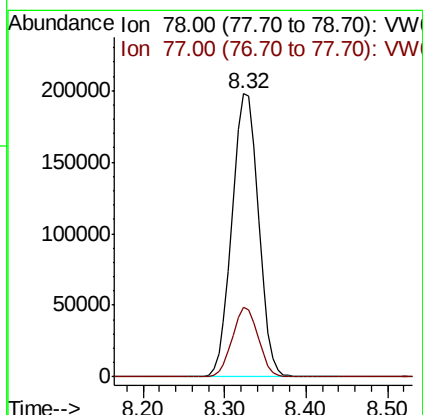
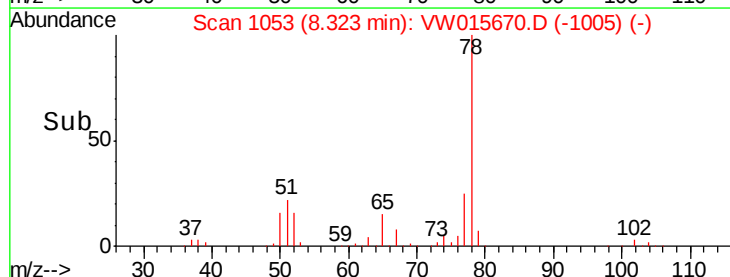
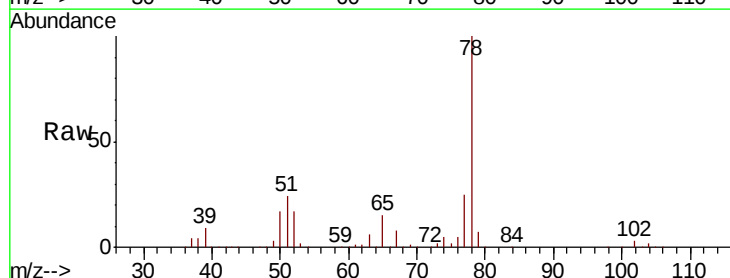
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

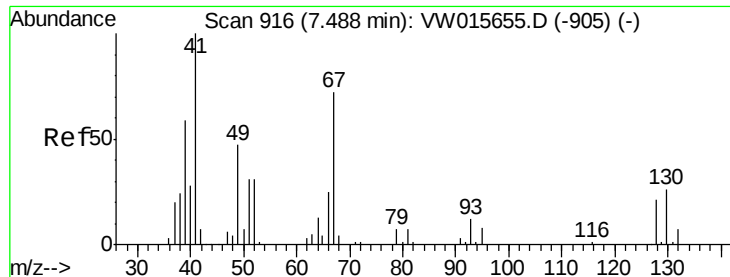
Tot Ion: 83 Resp: 193525
Ion Ratio Lower Upper
83 100
55 77.4 62.8 94.2
98 47.7 39.9 59.9



#40
Benzene
Concen: 50.504 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 78 Resp: 443429
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9

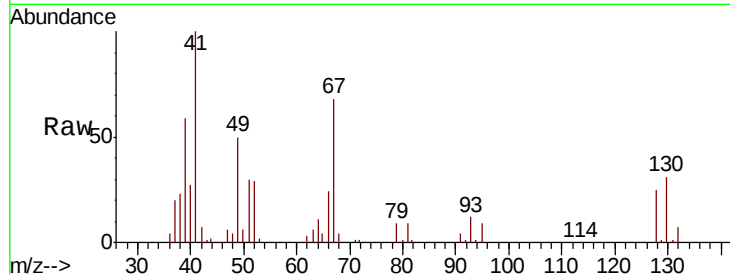




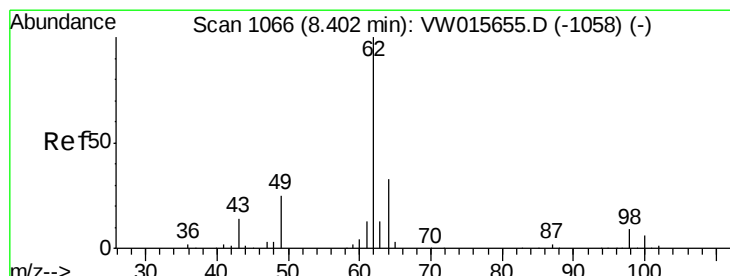
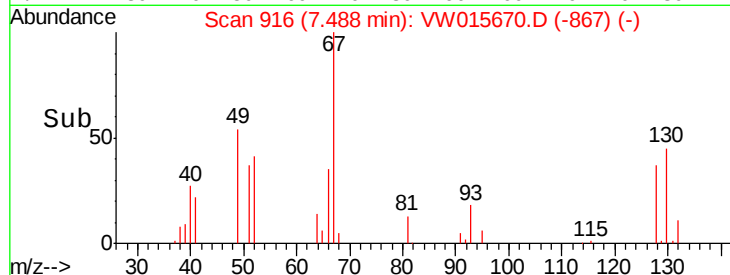
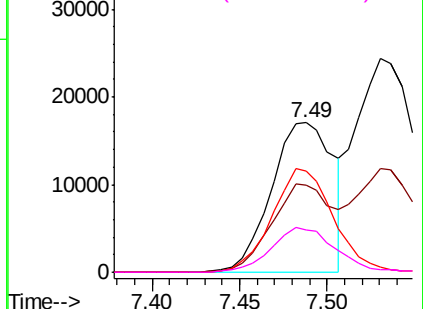
#41
Methacrylonitrile
Concen: 59.586 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	42163
Ion	Ratio	Lower	Upper
41	100		
39	57.4	52.0	78.0
67	69.0	57.5	86.3
52	31.4	26.5	39.7

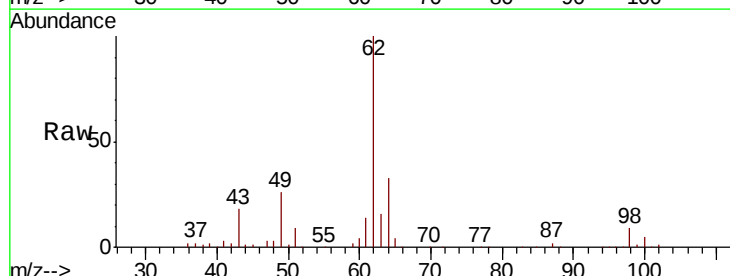


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

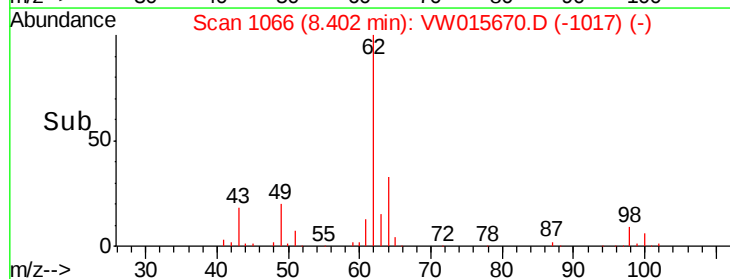
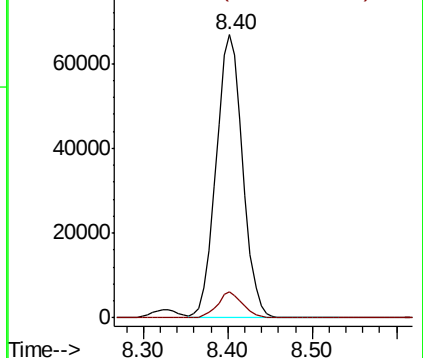


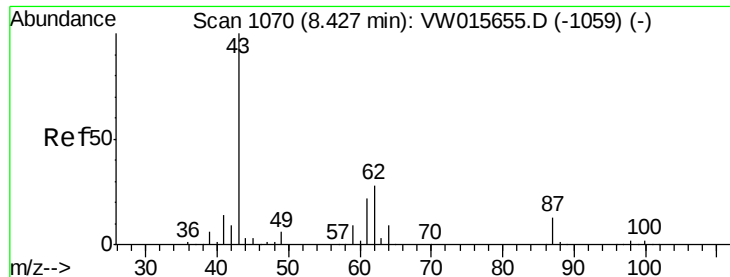
#42
1,2-Dichloroethane
Concen: 53.393 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion:	62	Resp:	145026
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 59.161 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

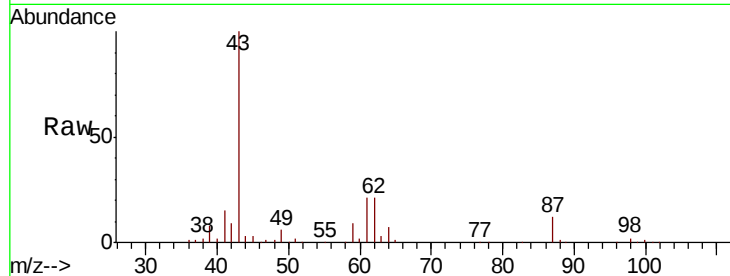
Tot Ion: 43 Resp: 145560

Ion Ratio Lower Upper

43 100

61 29.7 24.7 37.1

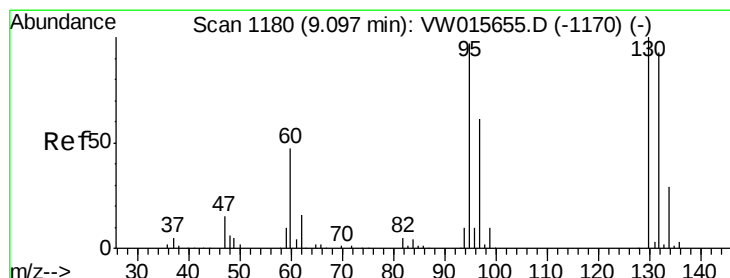
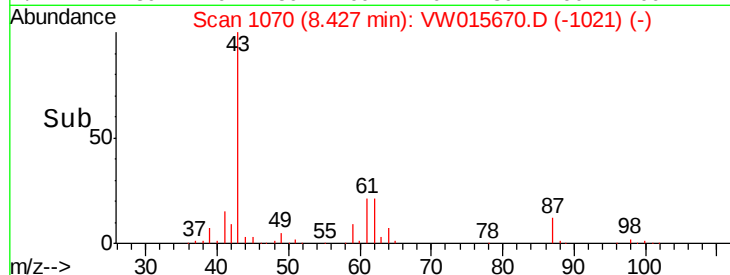
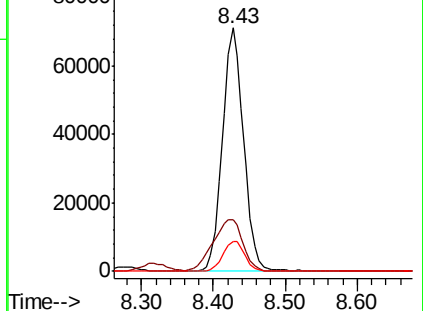
87 12.8 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.514 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015670.D

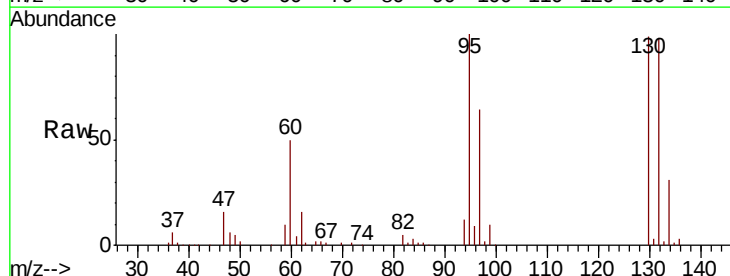
Acq: 23 Jun 2020 18:57

Tgt Ion: 130 Resp: 117177

Ion Ratio Lower Upper

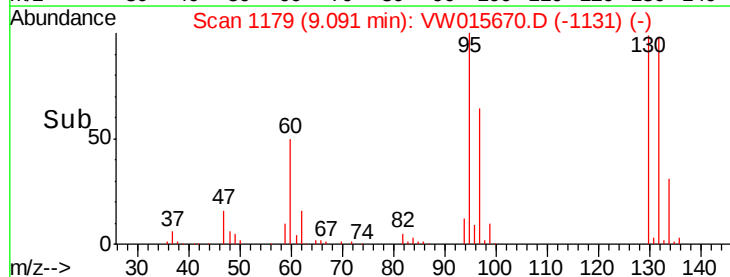
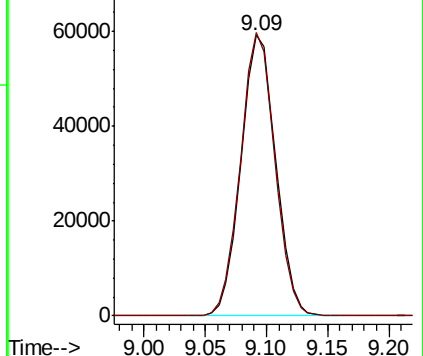
130 100

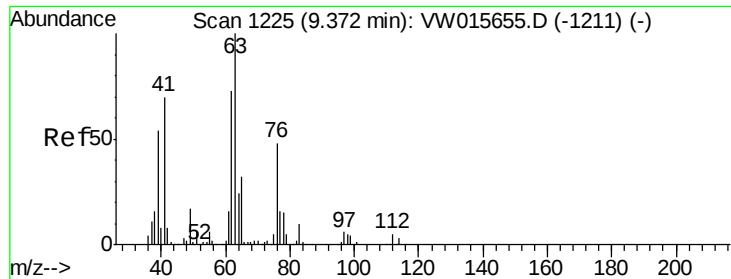
95 101.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

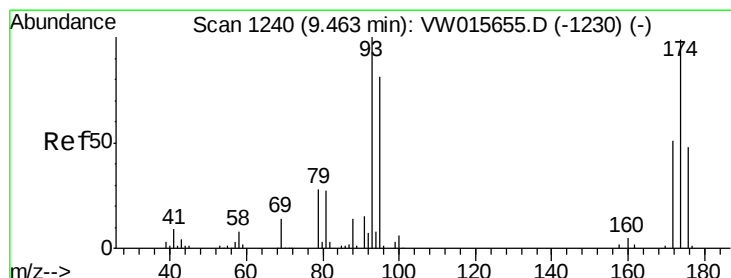
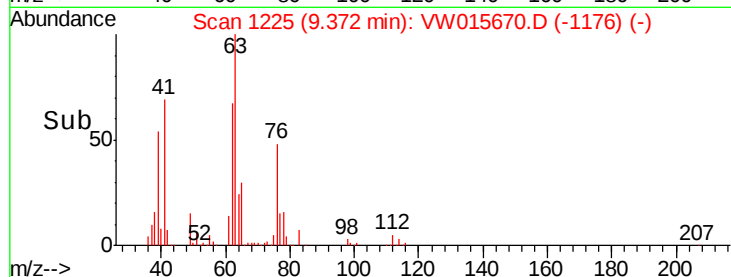
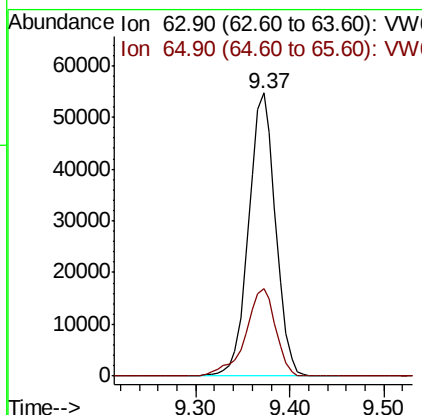
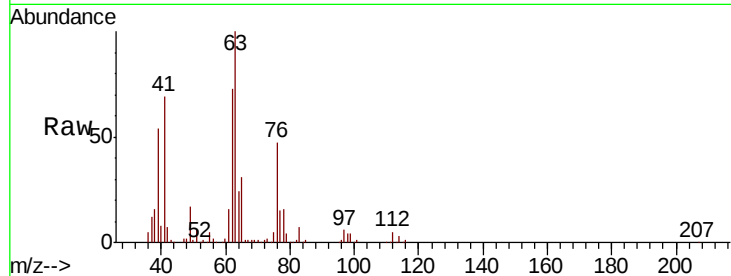




#45
 1,2-Dichloropropane
 Concen: 51.173 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

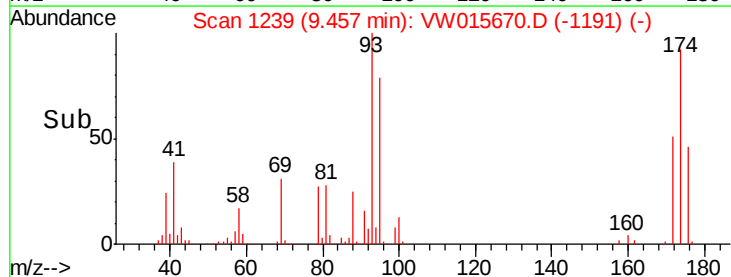
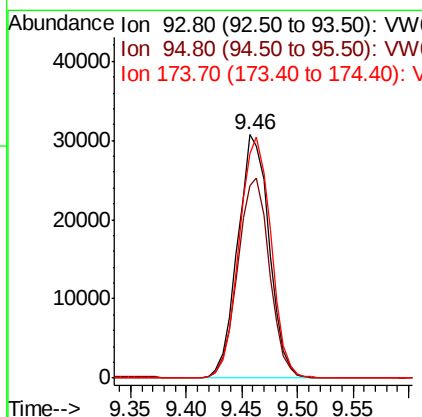
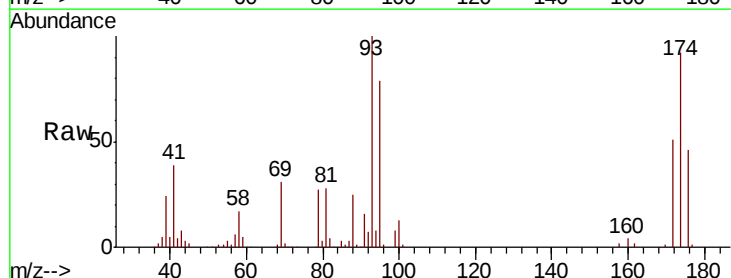
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

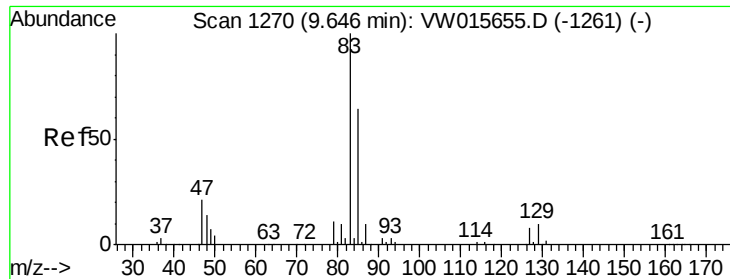
Tot Ion: 63 Resp: 109822
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.3 37.9



#46
 Dibromomethane
 Concen: 54.434 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion: 93 Resp: 60443
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.7 98.5
 174 100.0 79.0 118.6

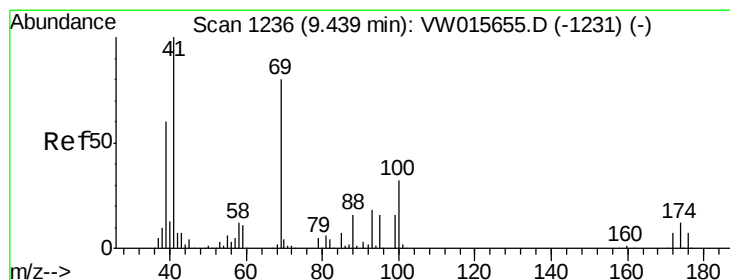
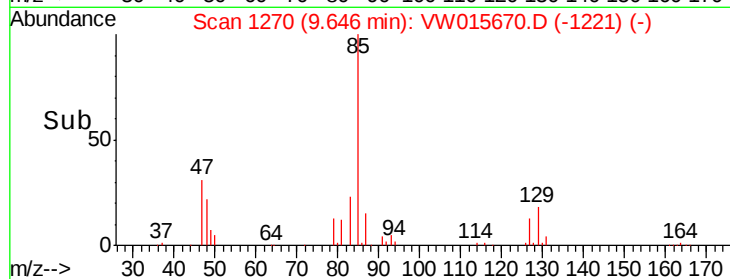
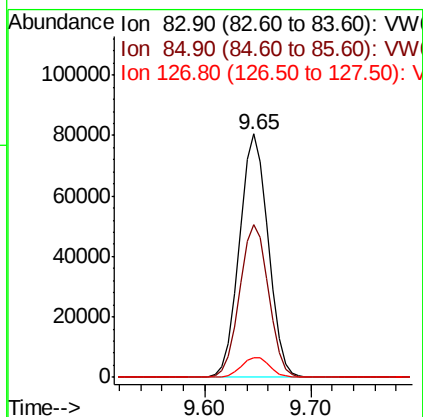
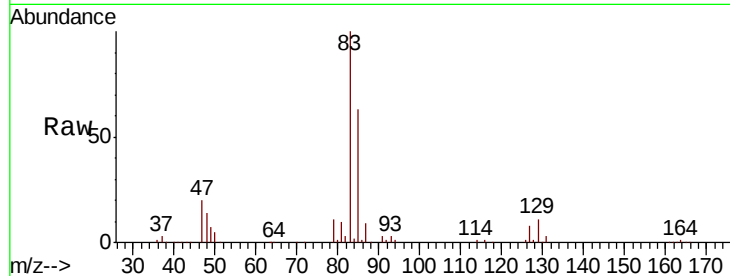




#47
 Bromodichloromethane
 Concen: 52.727 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

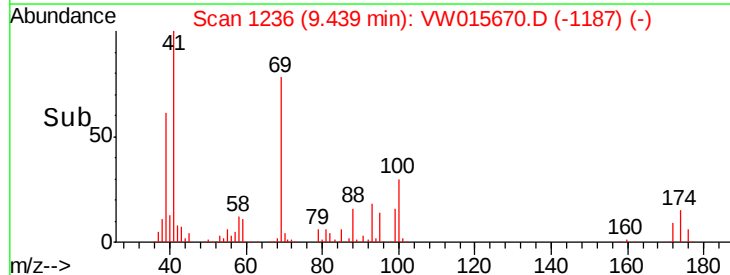
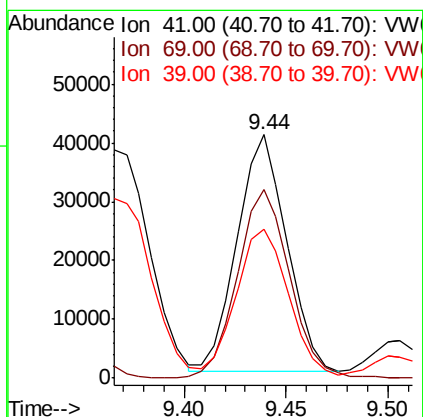
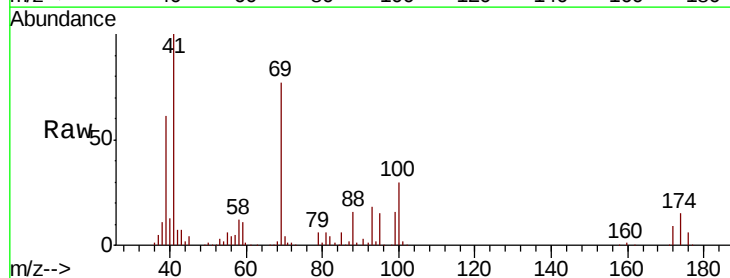
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

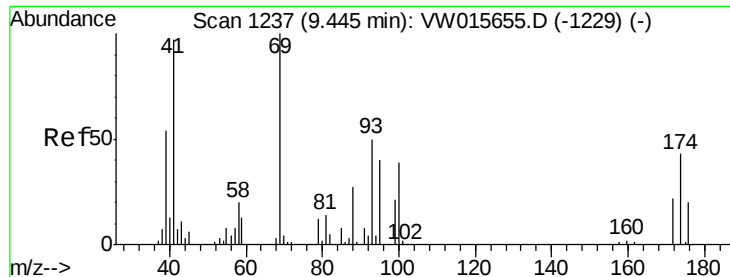
Tot Ion: 83 Resp: 152718
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.8 76.2
 127 8.1 6.3 9.5



#48
 Methyl methacrylate
 Concen: 60.613 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion: 41 Resp: 68181
 Ion Ratio Lower Upper
 41 100
 69 84.1 68.2 102.2
 39 63.3 49.8 74.6





#49

1,4-Dioxane

Concen: 1250.686 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

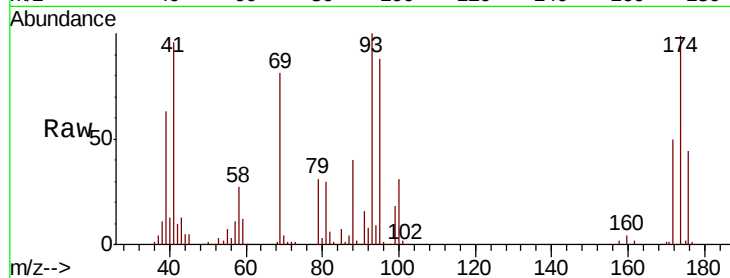
Tot Ion: 88 Resp: 18218

Ion Ratio Lower Upper

88 100

43 36.2 30.1 45.1

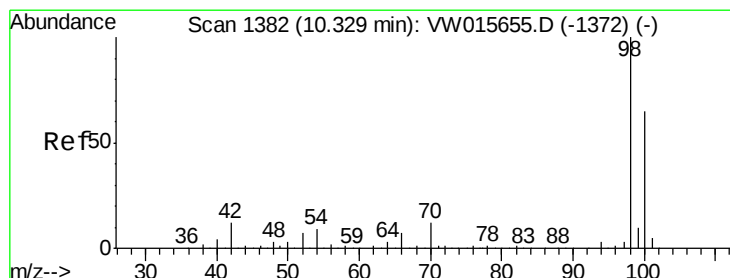
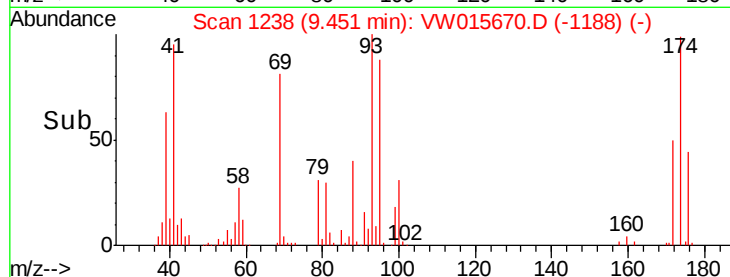
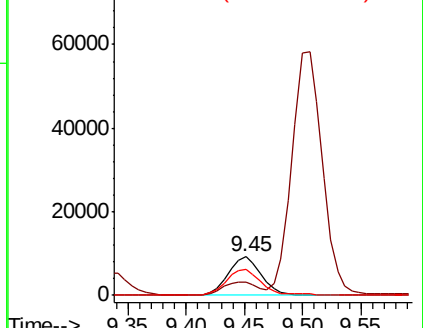
58 70.2 56.1 84.1



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: 52.348 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015670.D

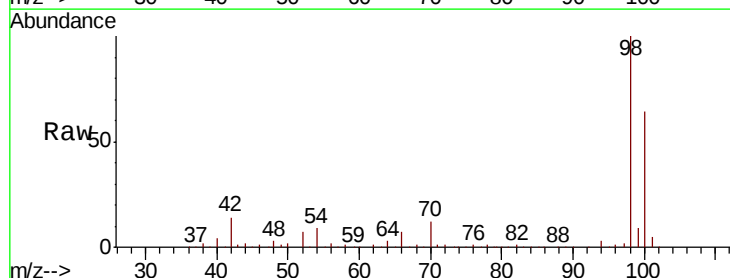
Acq: 23 Jun 2020 18:57

Tgt Ion: 98 Resp: 402310

Ion Ratio Lower Upper

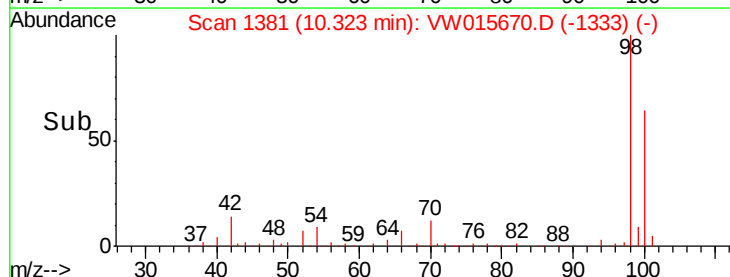
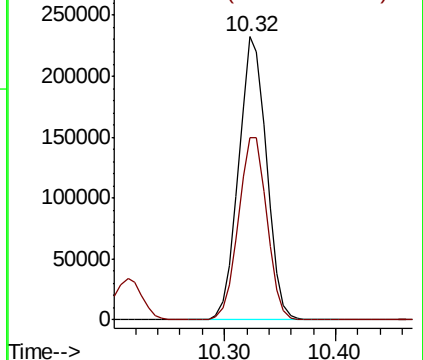
98 100

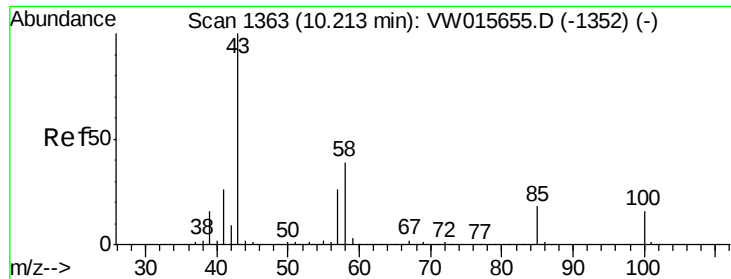
100 65.9 52.8 79.2



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: 308.129 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

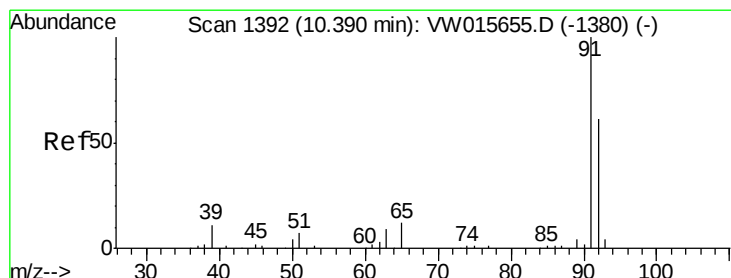
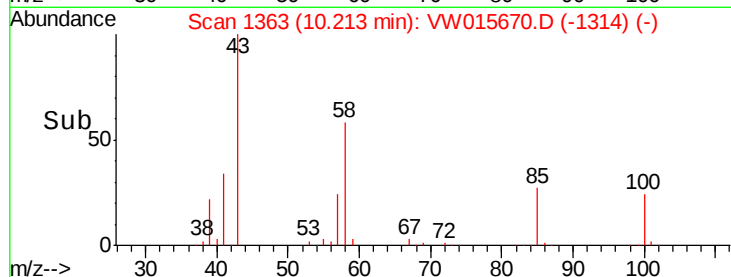
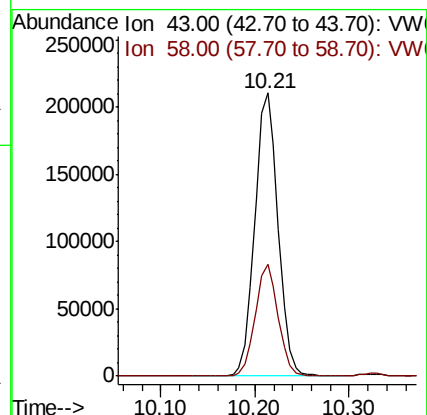
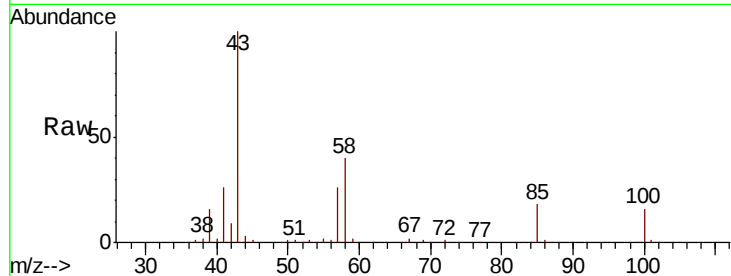
VSTDCCC050EC

Tot Ion: 43 Resp: 365603

Ion Ratio Lower Upper

43 100

58 38.7 31.2 46.8



#52

Toluene

Concen: 51.140 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015670.D

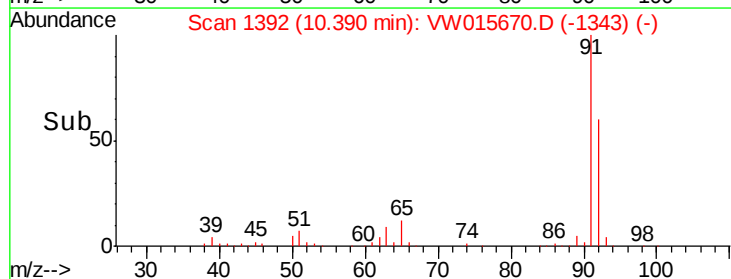
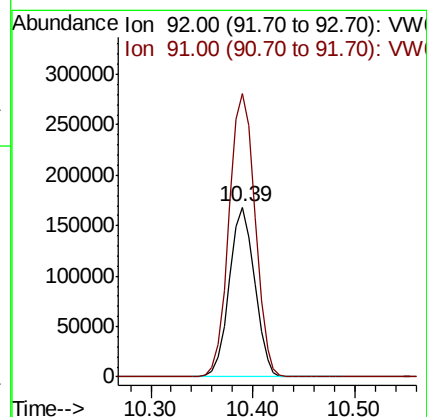
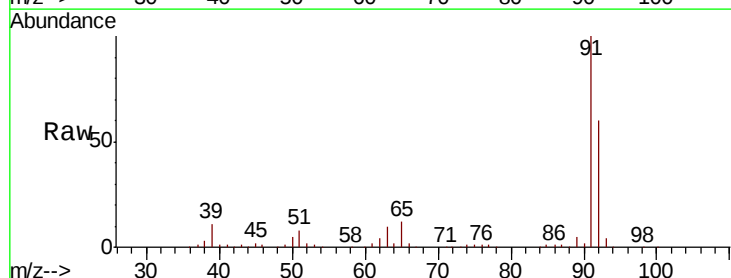
Acq: 23 Jun 2020 18:57

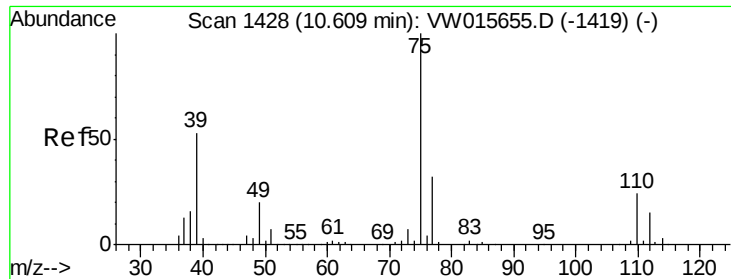
Tgt Ion: 92 Resp: 289930

Ion Ratio Lower Upper

92 100

91 171.5 135.5 203.3

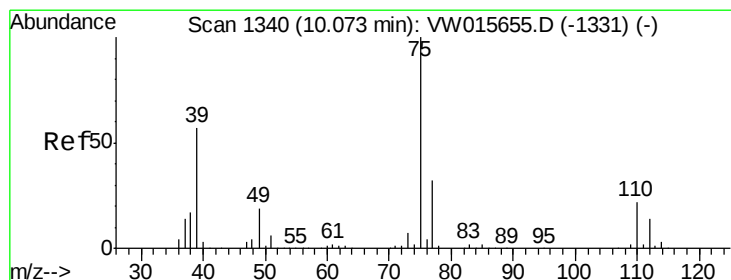
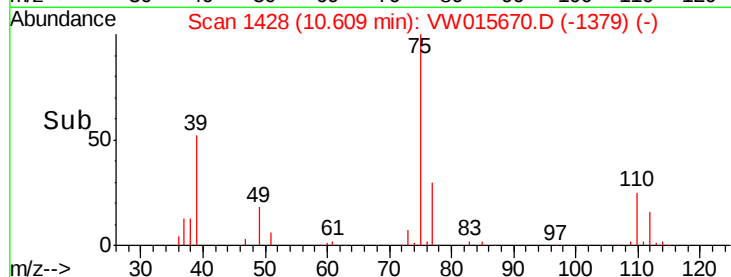
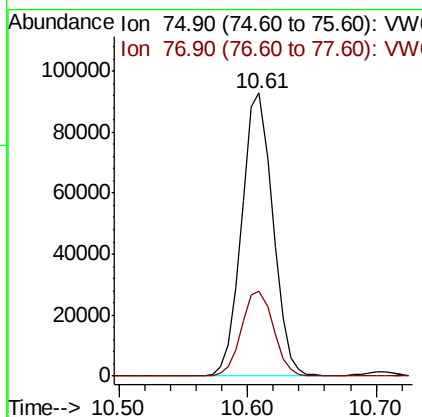
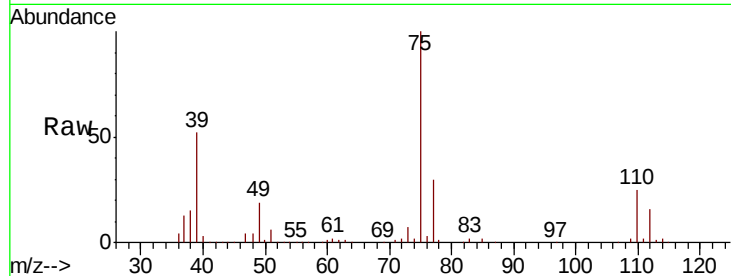




#53
 t-1,3-Dichloropropene
 Concen: 55.432 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

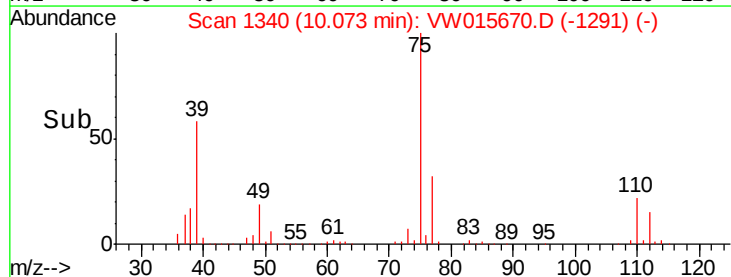
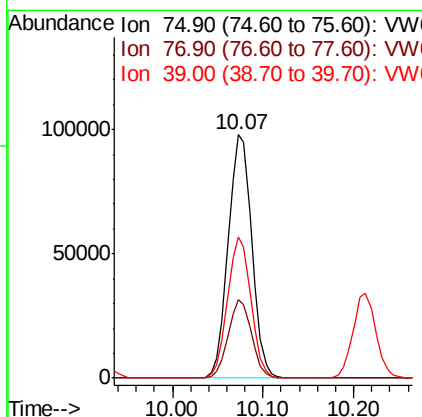
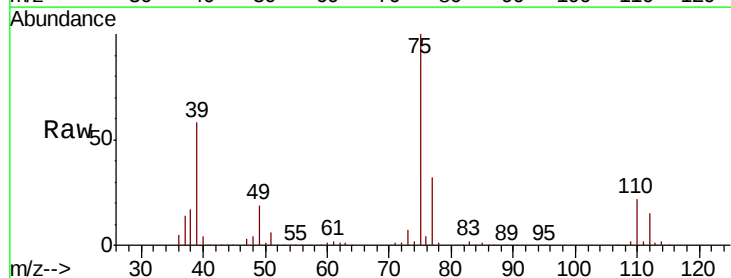
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

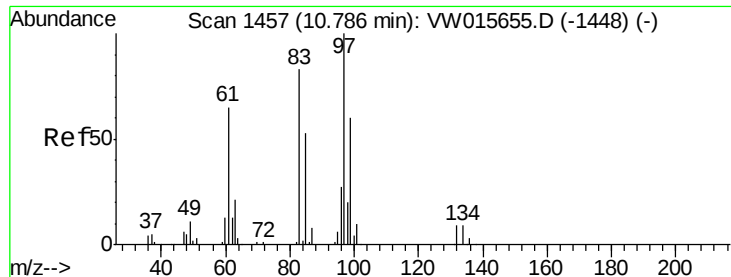
Tot Ion: 75 Resp: 155103
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.883 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion: 75 Resp: 176769
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2
 39 58.1 45.8 68.6

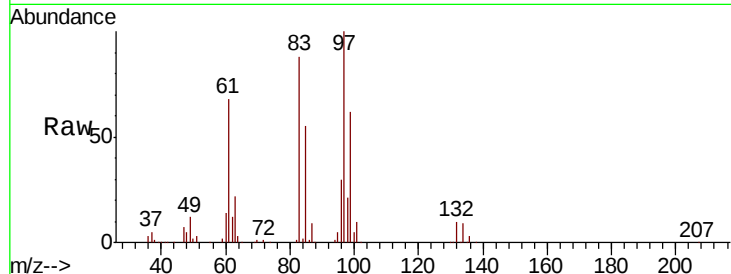




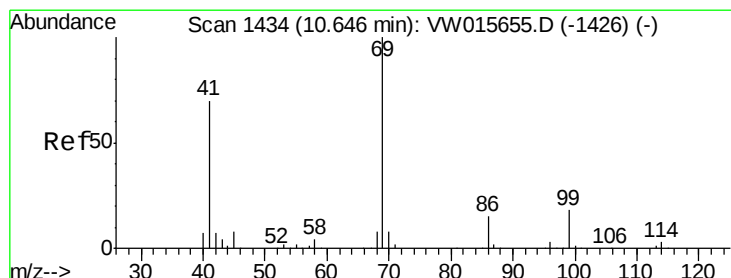
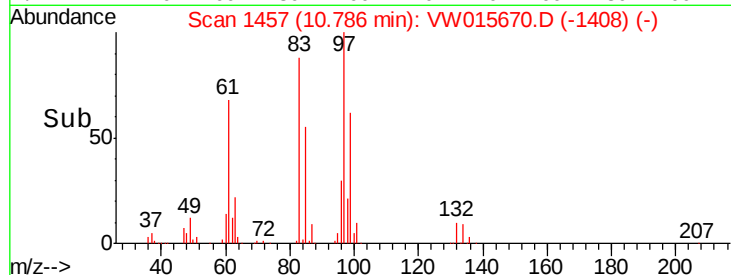
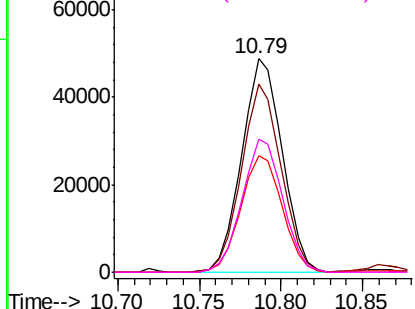
#55
 1,1,2-Trichloroethane
 Concen: 54.972 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	84869
Ion	Ratio	Lower	Upper
97	100		
83	88.3	66.3	99.5
85	54.6	42.5	63.7
99	62.4	48.3	72.5

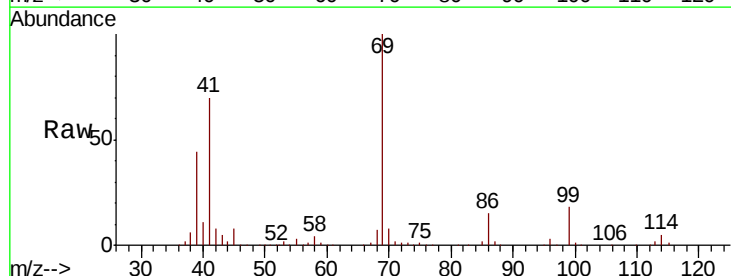


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

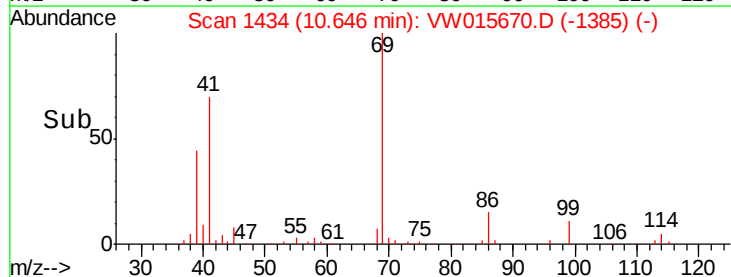
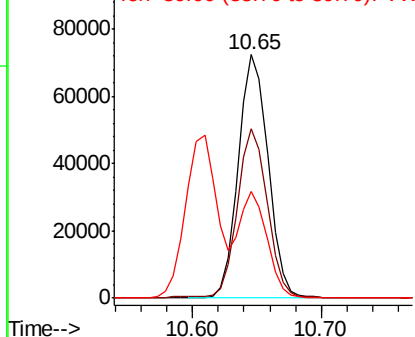


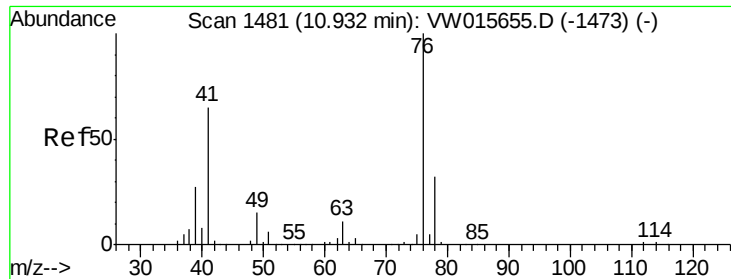
#56
 Ethyl methacrylate
 Concen: 60.458 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion:	69	Resp:	116136
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.8	83.6
39	41.8	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

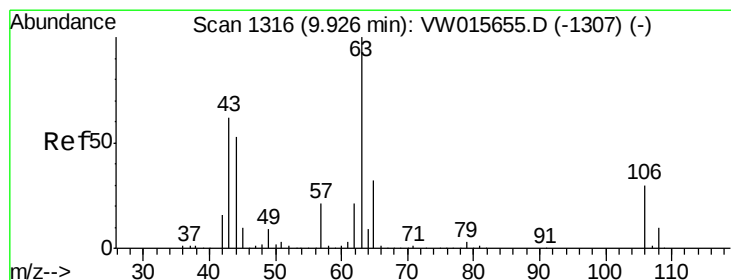
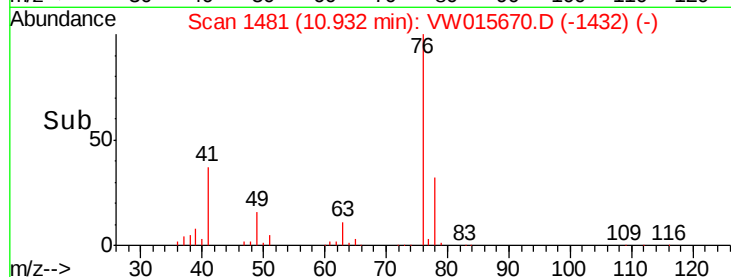
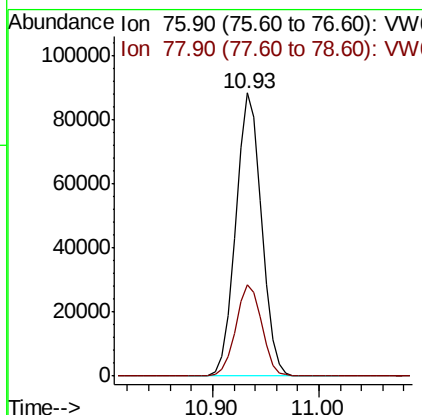
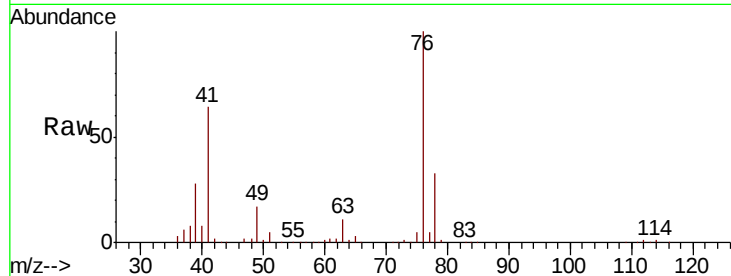




#57
 1,3-Dichloropropane
 Concen: 54.749 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

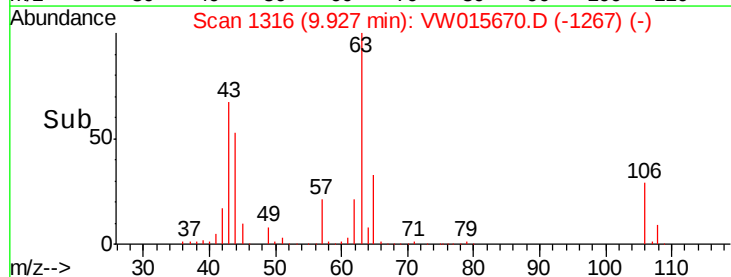
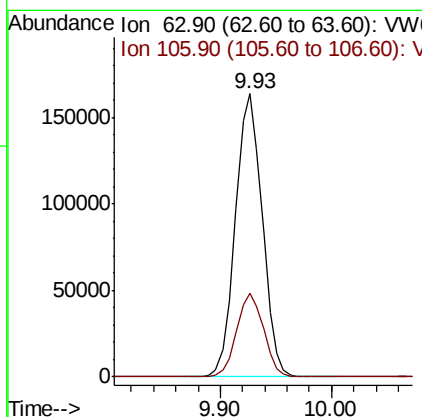
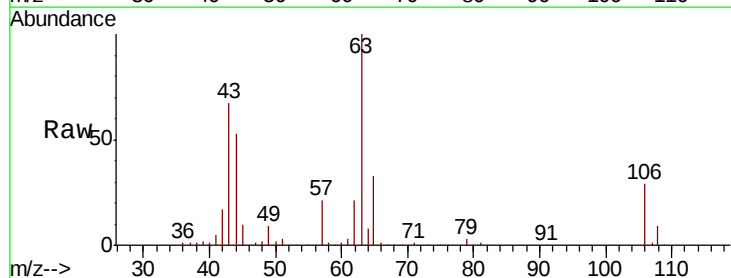
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

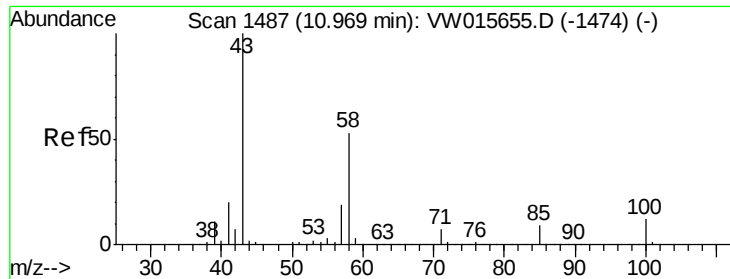
Tot Ion: 76 Resp: 149848
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.942 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion: 63 Resp: 273566
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.3 34.9

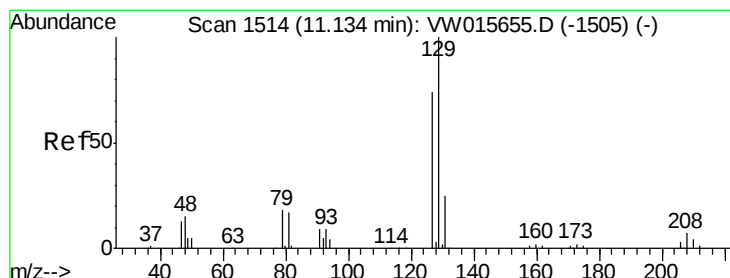
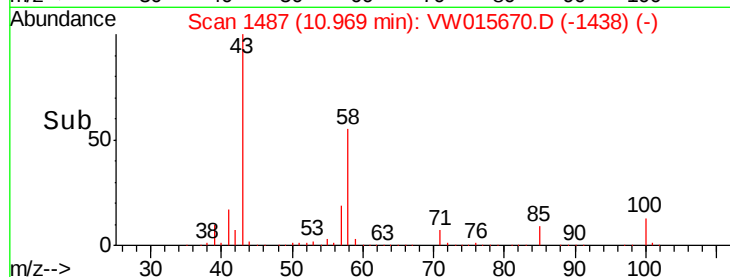
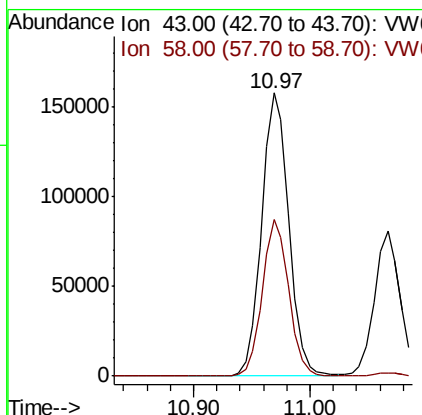
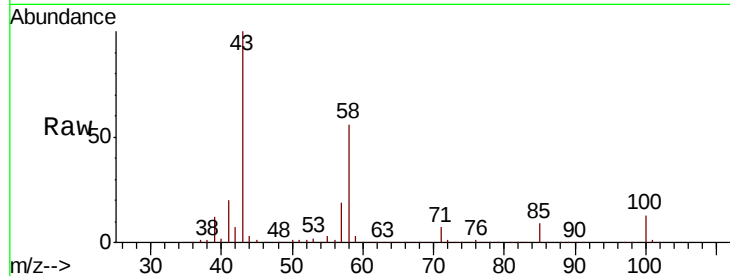




#59
2-Hexanone
Concen: 316.692 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

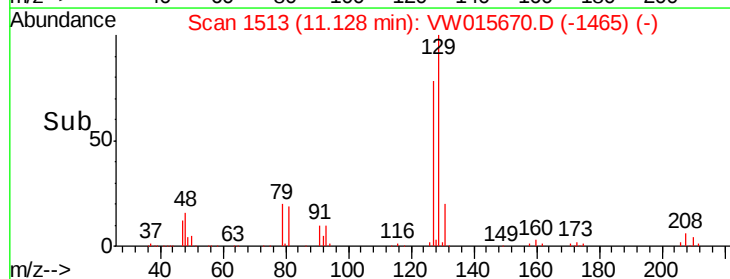
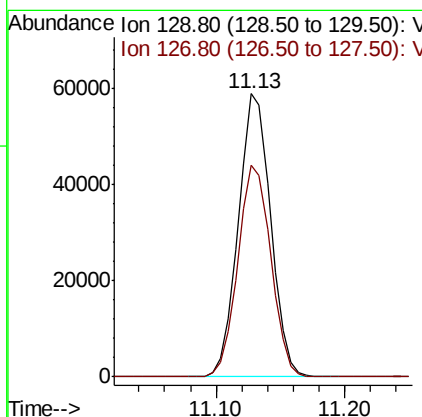
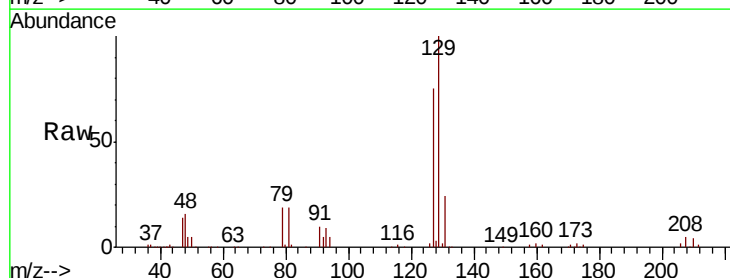
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

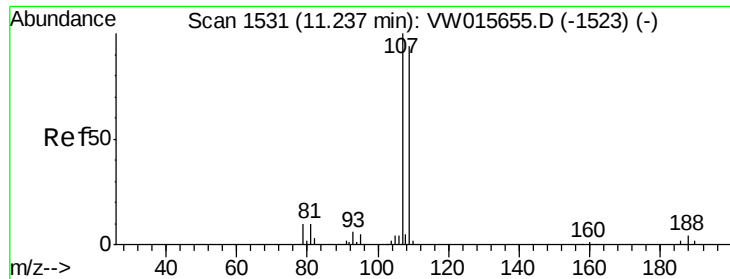
Tot Ion: 43 Resp: 255817
Ion Ratio Lower Upper
43 100
58 53.8 26.5 79.4



#60
Dibromochloromethane
Concen: 56.731 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 129 Resp: 102064
Ion Ratio Lower Upper
129 100
127 76.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 56.891 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

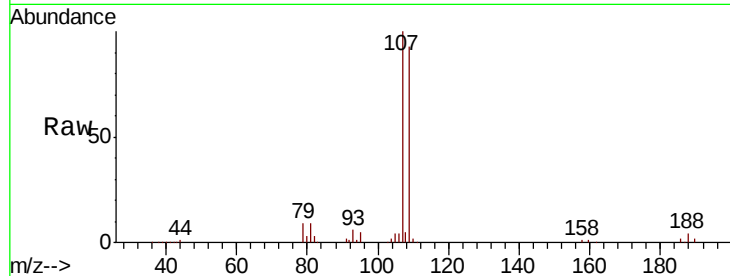
VSTDCCC050EC

Tot Ion: 107 Resp: 83955

Ion Ratio Lower Upper

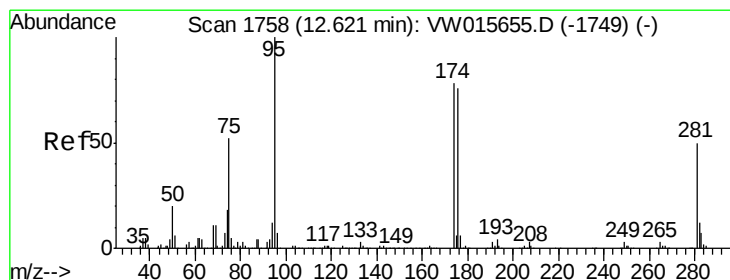
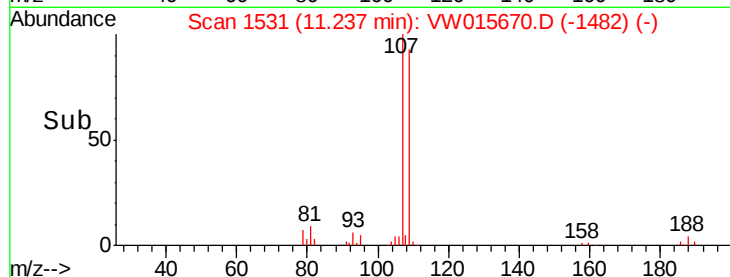
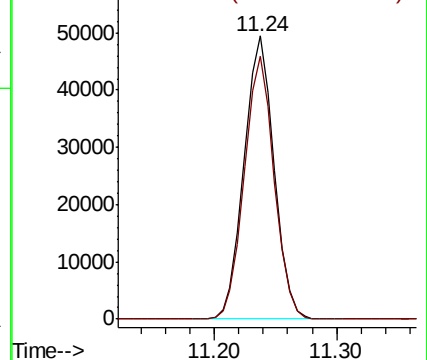
107 100

109 92.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.452 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

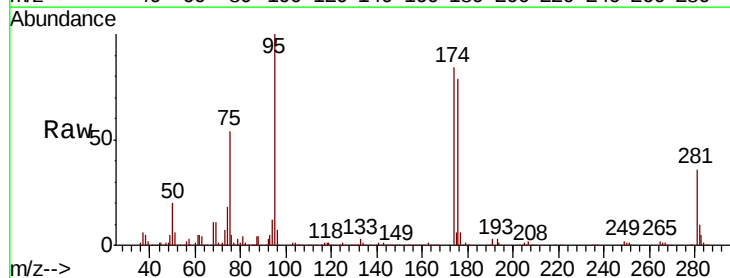
Tgt Ion: 95 Resp: 154115

Ion Ratio Lower Upper

95 100

174 79.6 0.0 157.0

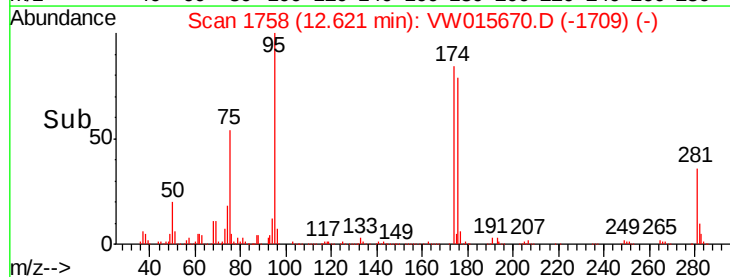
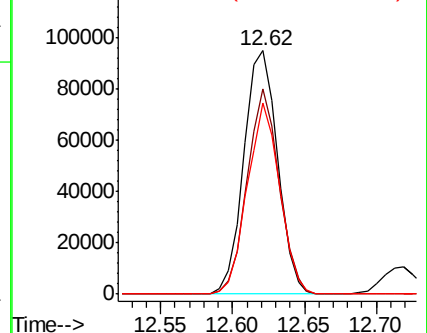
176 75.1 0.0 151.4

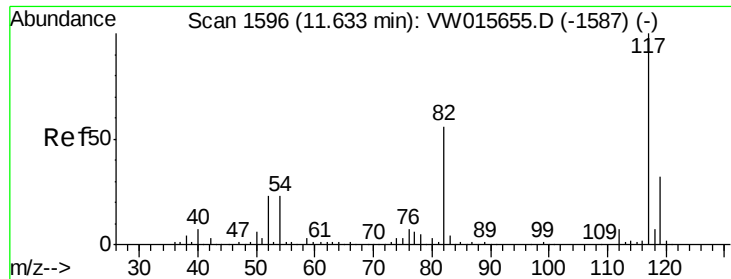


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

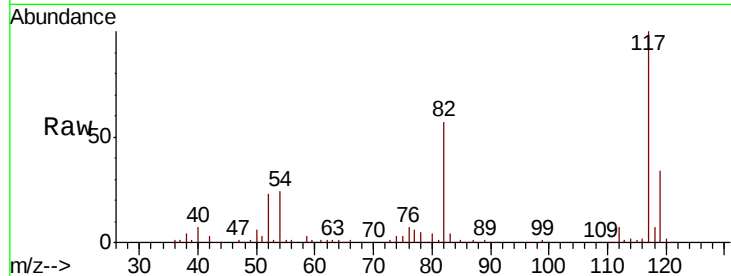




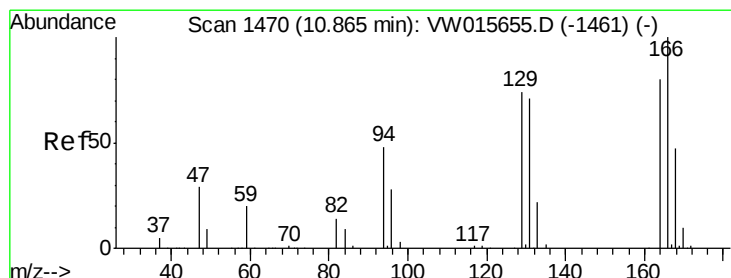
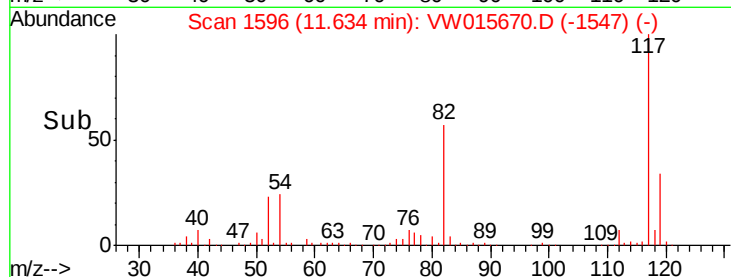
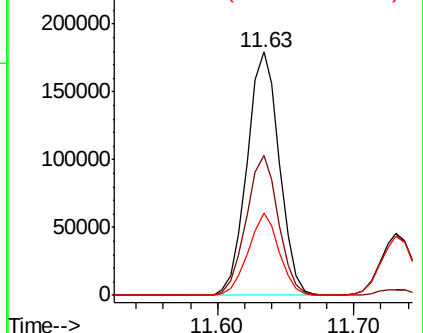
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 298836
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 33.6 25.8 38.8

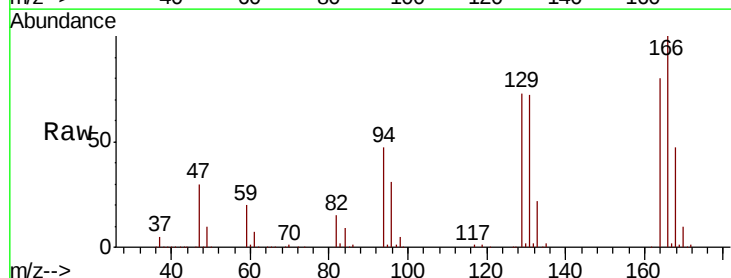


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

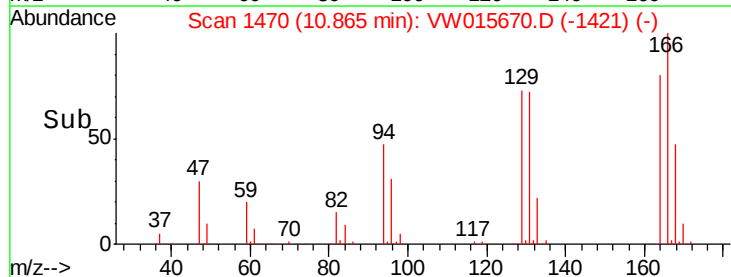
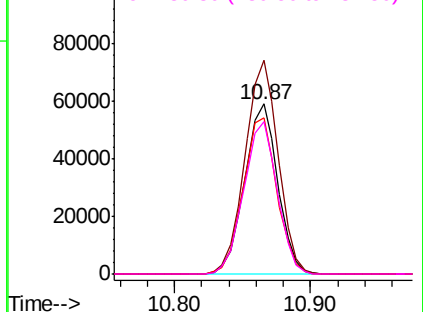


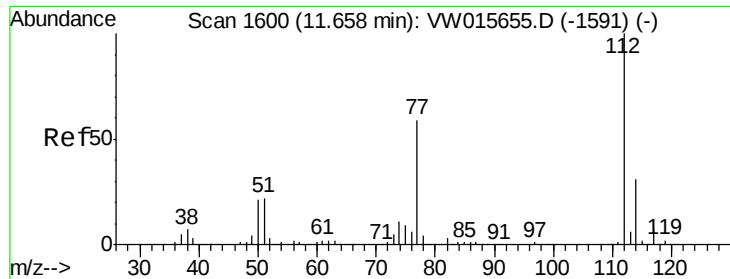
#64
Tetrachloroethene
Concen: 47.927 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion:164 Resp: 100618
Ion Ratio Lower Upper
164 100
166 125.5 99.9 149.9
129 91.9 74.2 111.2
131 89.9 71.4 107.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

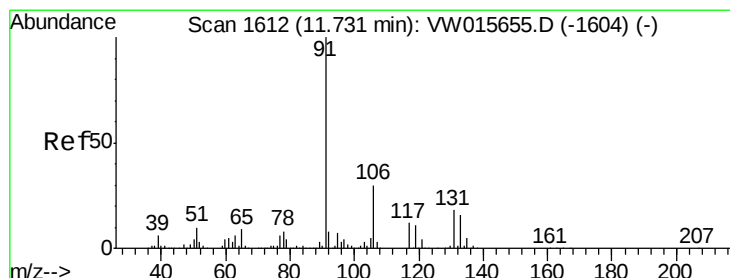
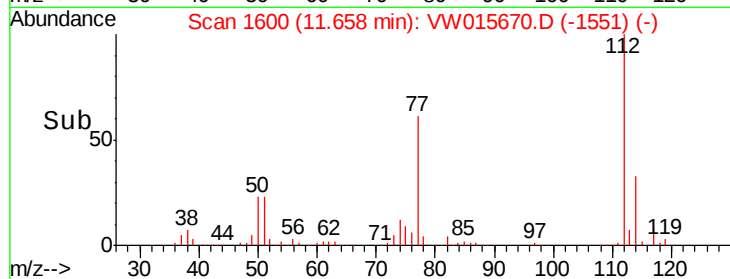
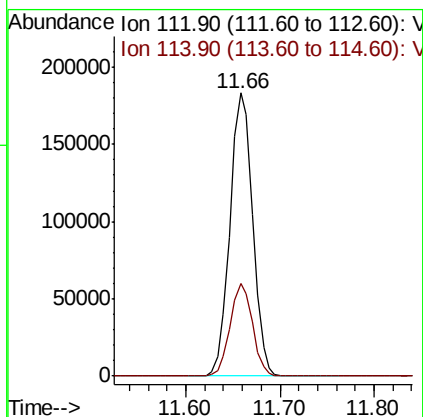
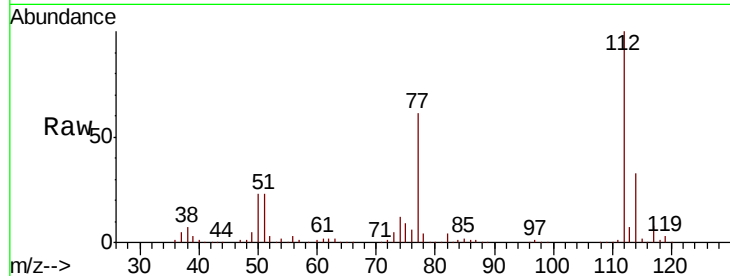




#65
Chlorobenzene
Concen: 48.637 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

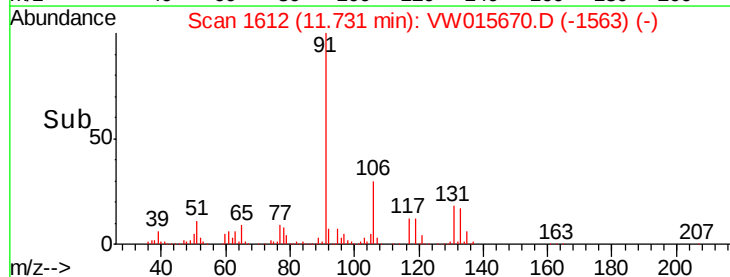
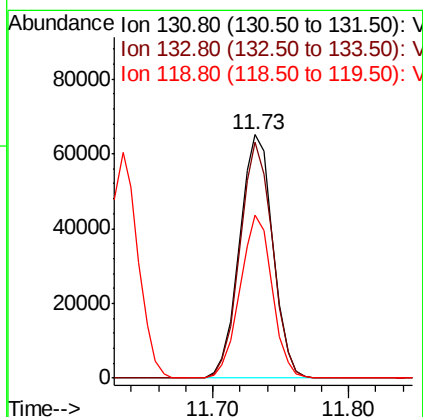
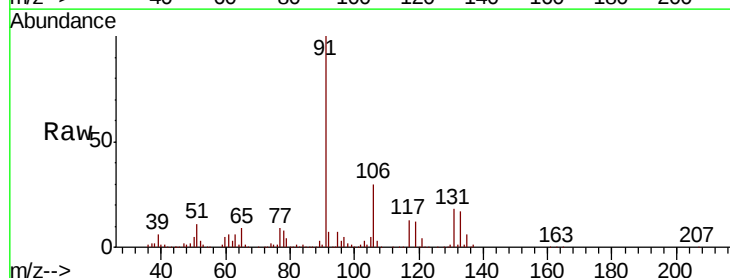
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

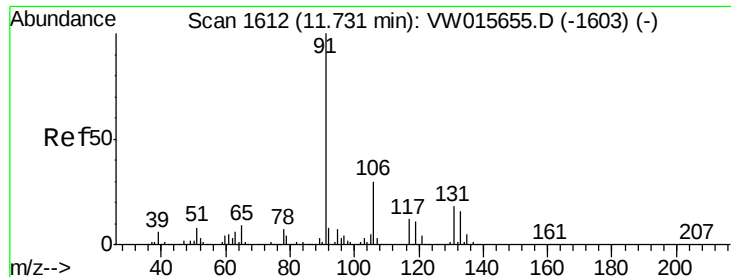
Tot Ion:112 Resp: 306444
Ion Ratio Lower Upper
112 100
114 32.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.523 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion:131 Resp: 111614
Ion Ratio Lower Upper
131 100
133 94.7 46.5 139.5
119 64.7 32.5 97.5

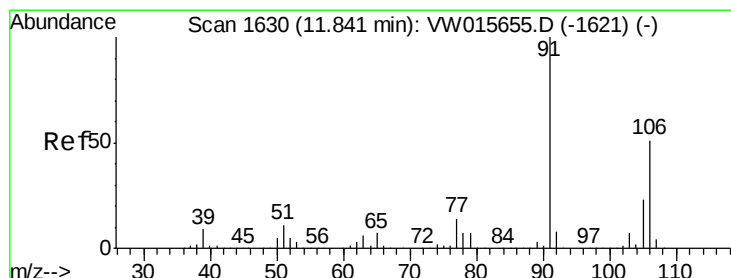
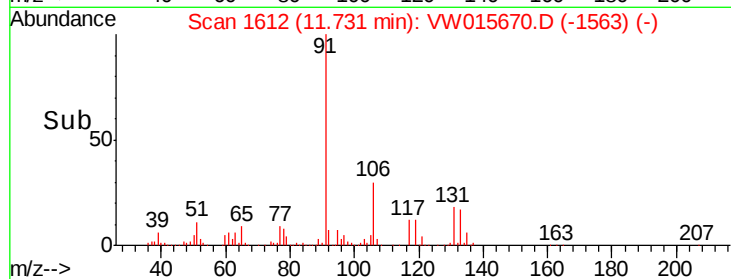
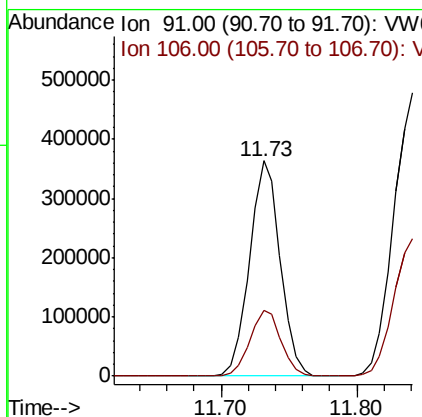
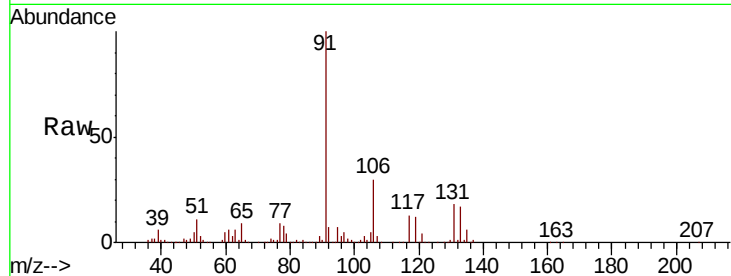




#67
Ethyl Benzene
Concen: 48.937 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

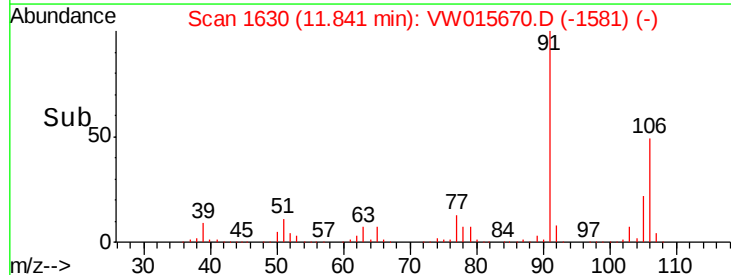
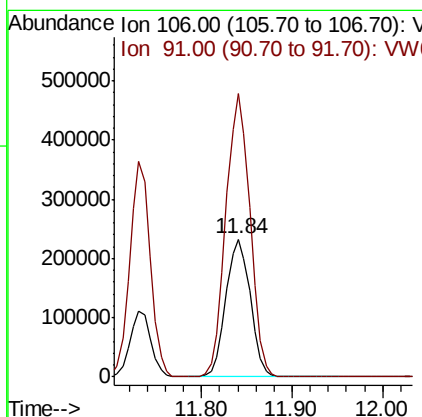
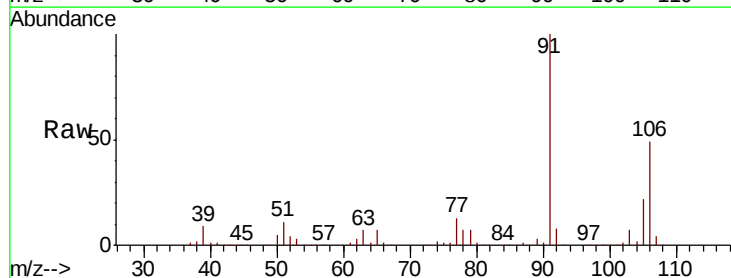
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 573829
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



#68
m/p-Xylenes
Concen: 98.539 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 106 Resp: 433871
Ion Ratio Lower Upper
106 100
91 203.9 162.6 244.0

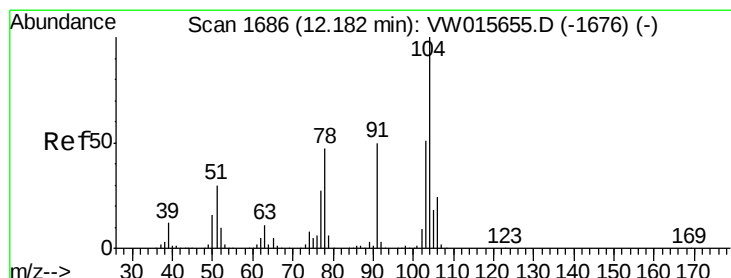
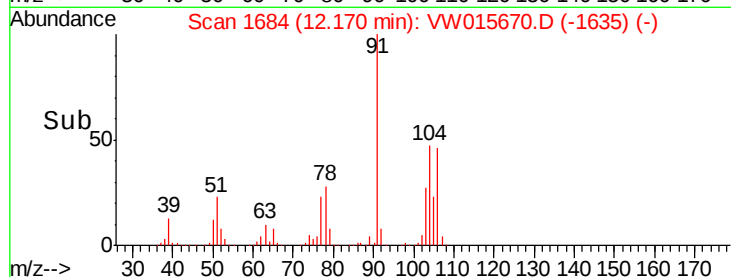
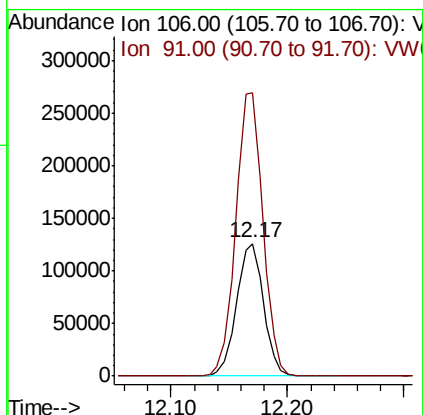
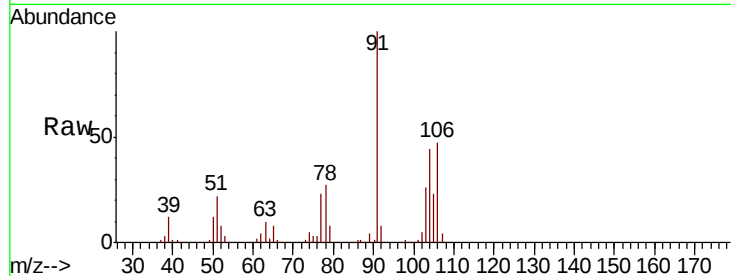




#69
o-Xylene
Concen: 50.145 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

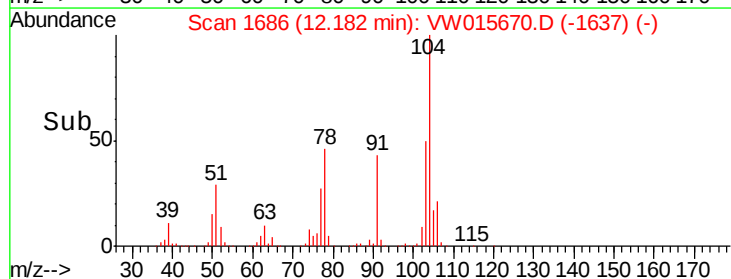
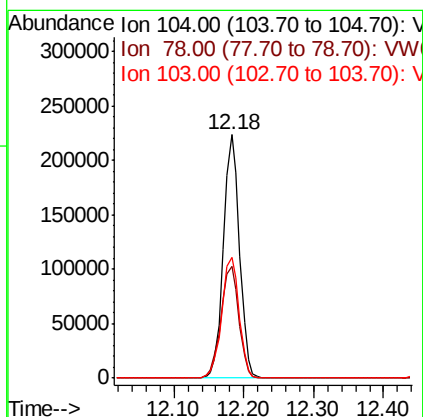
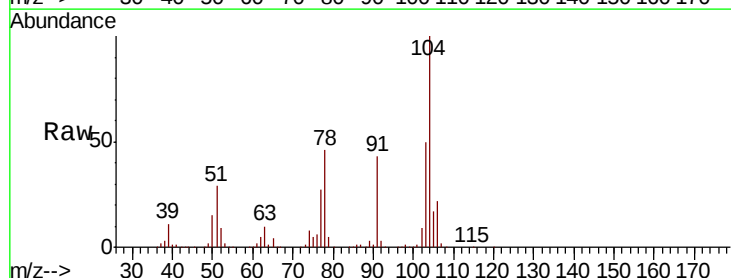
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

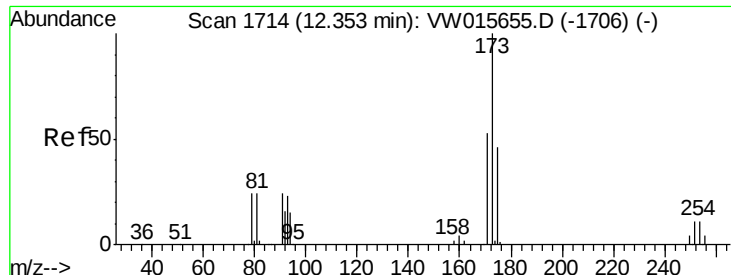
Tot Ion:106 Resp: 203007
Ion Ratio Lower Upper
106 100
91 215.4 108.3 324.9



#70
Styrene
Concen: 51.719 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion:104 Resp: 357733
Ion Ratio Lower Upper
104 100
78 51.3 40.9 61.3
103 53.9 43.1 64.7

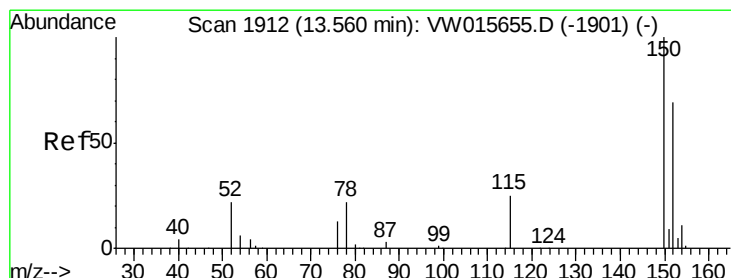
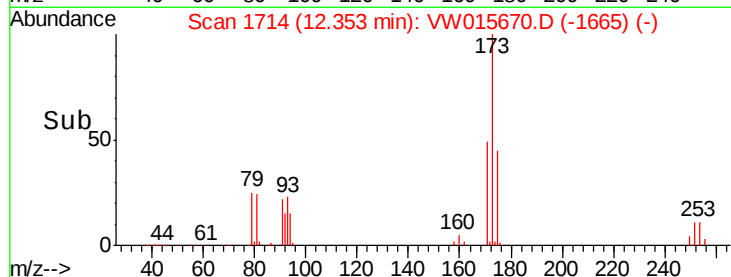
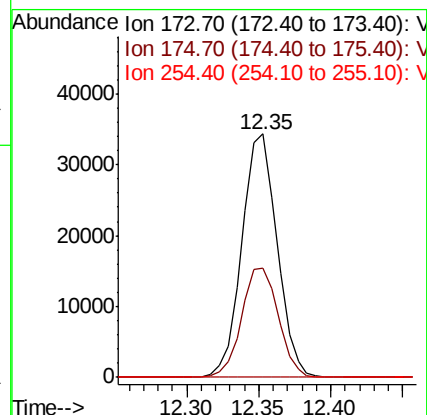
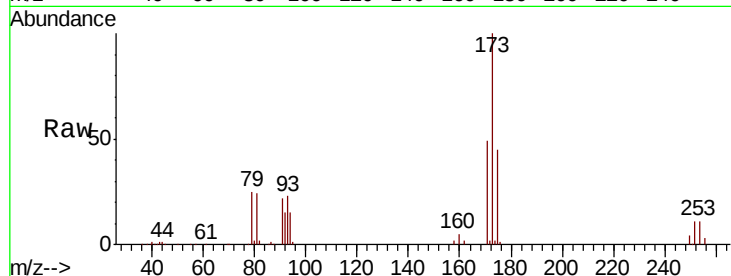




#71
Bromoform
Concen: 57.338 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

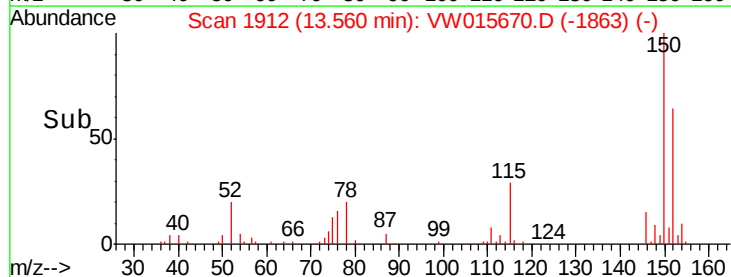
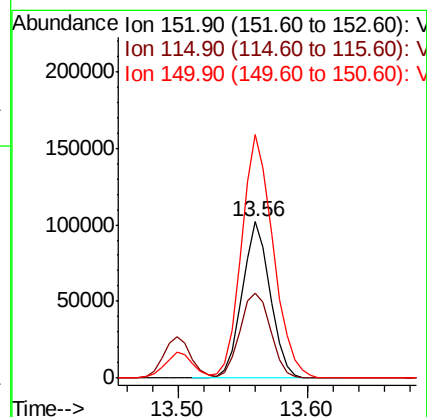
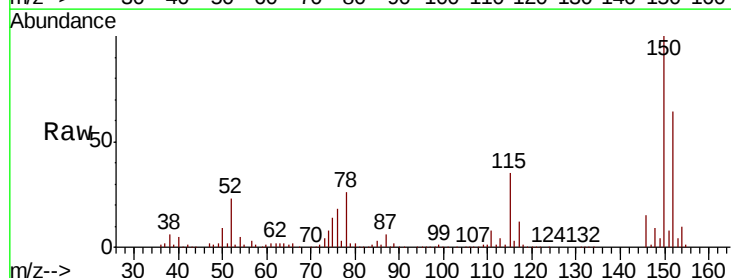
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

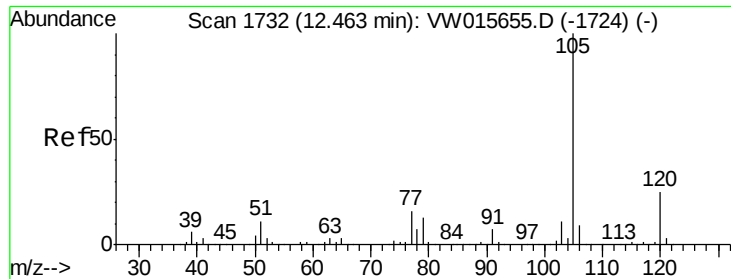
Tot Ion:173 Resp: 58282
Ion Ratio Lower Upper
173 100
175 46.8 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion:152 Resp: 153081
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 175.9 0.0 345.6





#73

Isopropylbenzene

Concen: 48.411 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

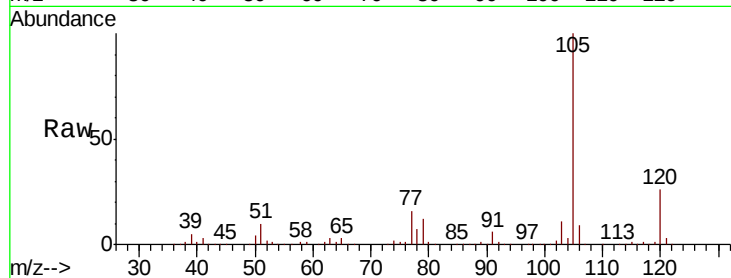
VSTDCCC050EC

Tot Ion:105 Resp: 565327

Ion Ratio Lower Upper

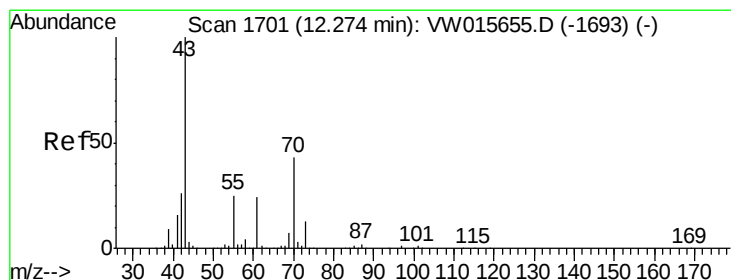
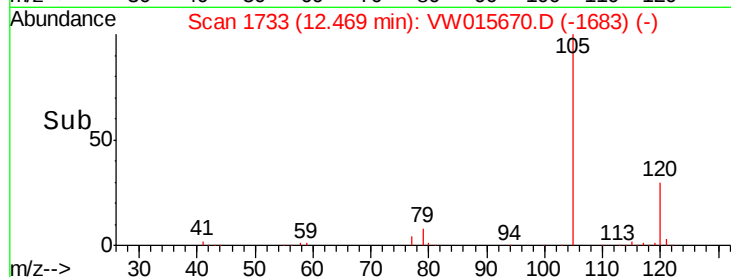
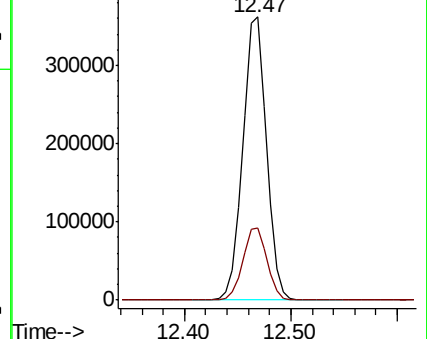
105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.374 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Tgt Ion: 43 Resp: 142030

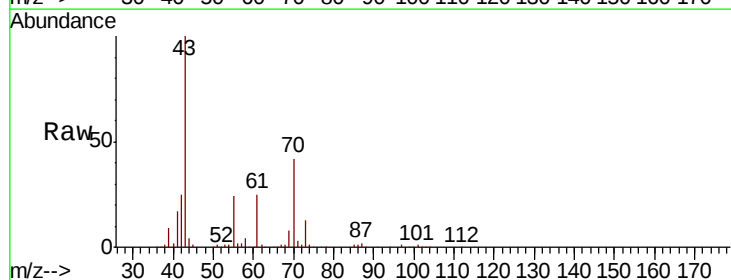
Ion Ratio Lower Upper

43 100

70 42.4 33.6 50.4

55 24.7 19.7 29.5

61 23.8 18.7 28.1

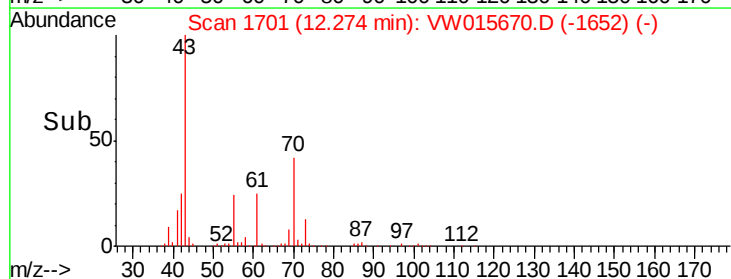
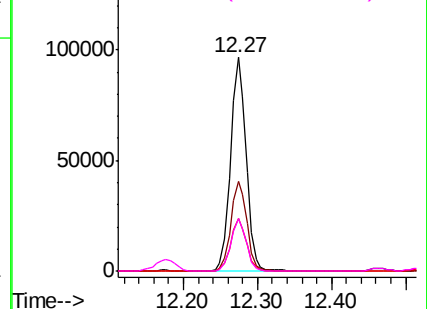


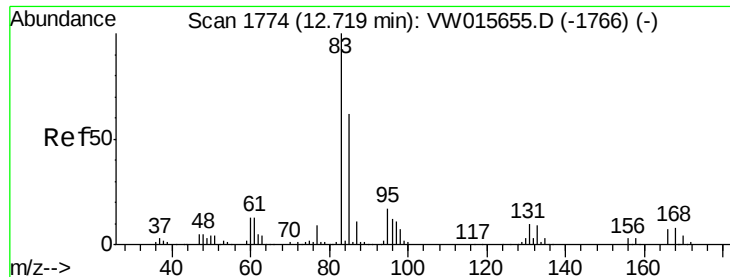
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.876 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

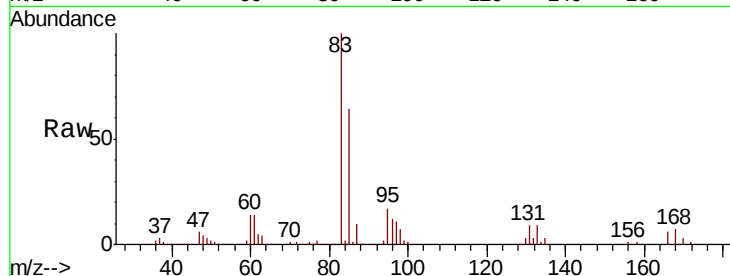
Tot Ion: 83 Resp: 102518

Ion Ratio Lower Upper

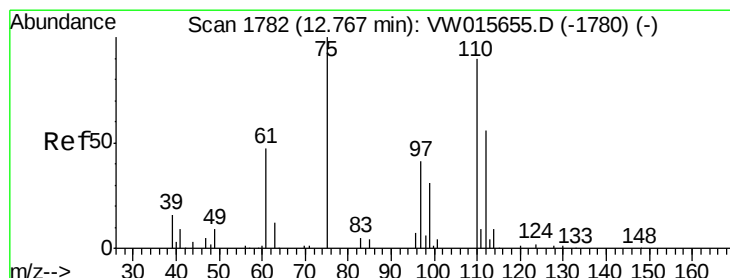
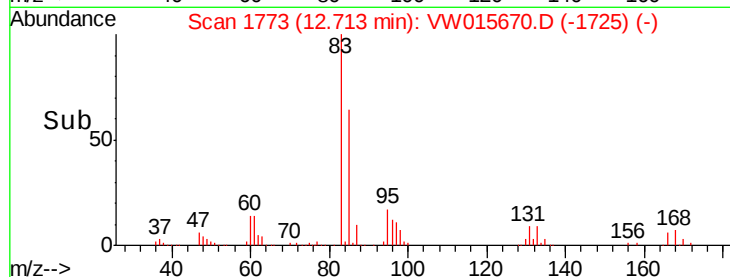
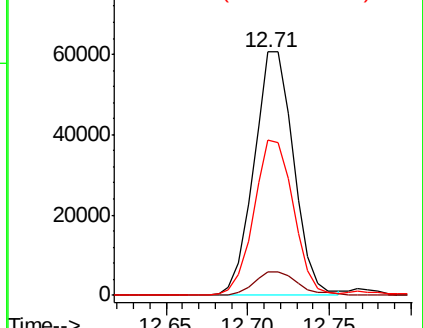
83 100

131 10.7 5.5 16.4

85 63.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.516 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015670.D

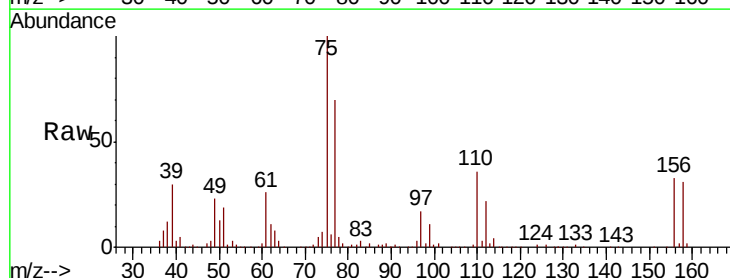
Acq: 23 Jun 2020 18:57

Tgt Ion: 75 Resp: 133371

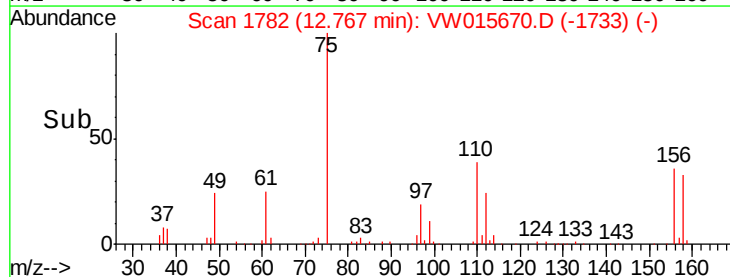
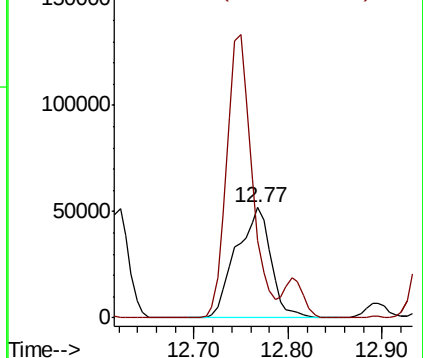
Ion Ratio Lower Upper

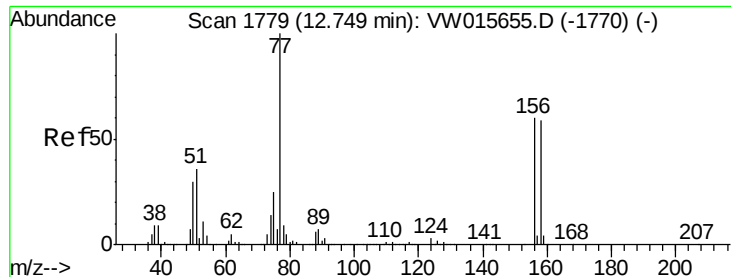
75 100

77 186.7 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.542 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

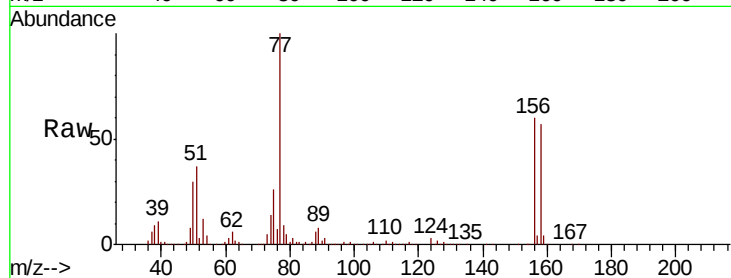
Tot Ion:156 Resp: 131606

Ion Ratio Lower Upper

156 100

77 189.2 94.5 283.5

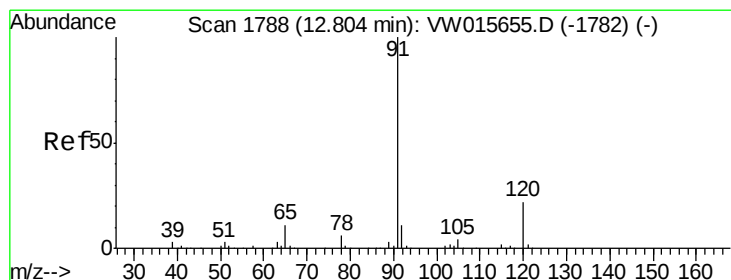
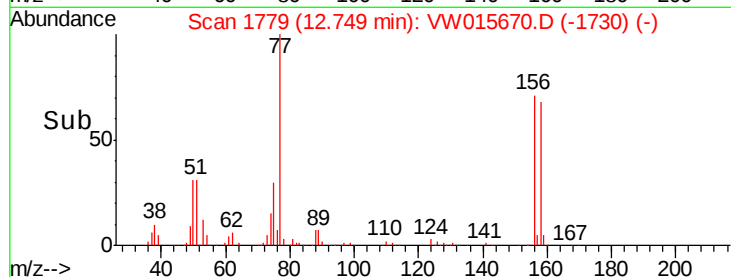
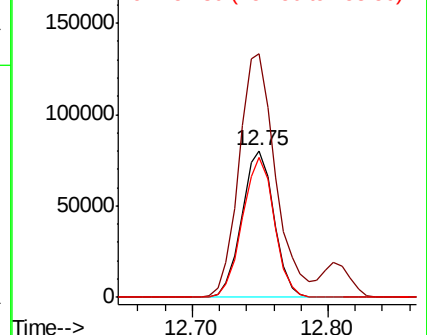
158 94.7 47.9 143.6



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: 48.411 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015670.D

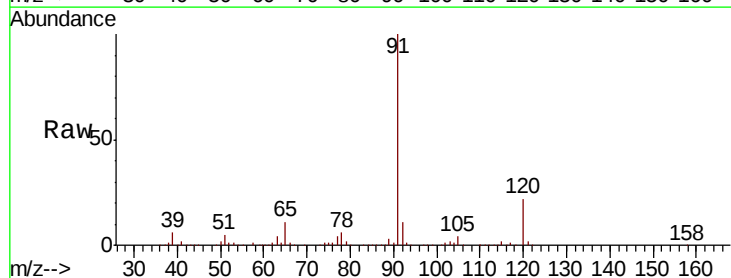
Acq: 23 Jun 2020 18:57

Tgt Ion: 91 Resp: 680480

Ion Ratio Lower Upper

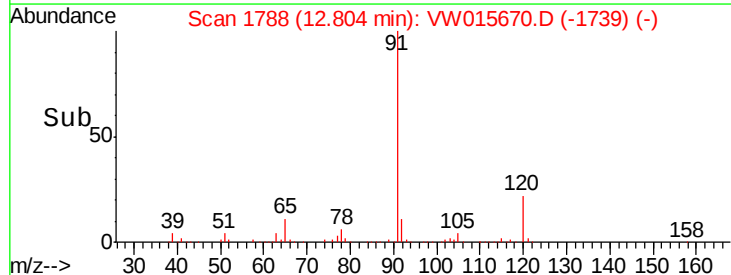
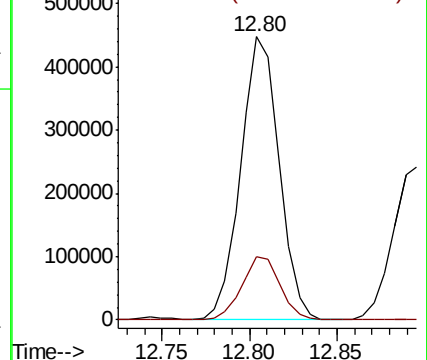
91 100

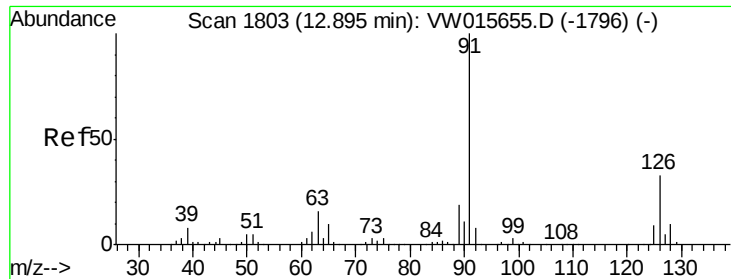
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.018 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

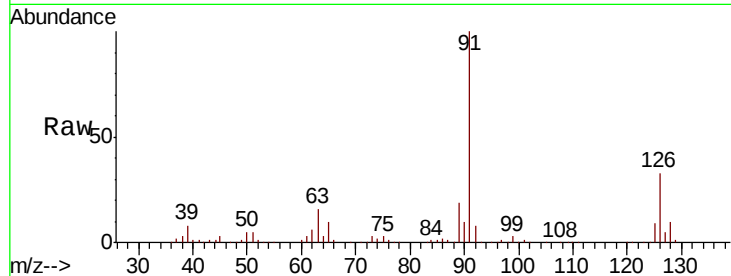
VSTDCCC050EC

Tot Ion: 91 Resp: 387949

Ion Ratio Lower Upper

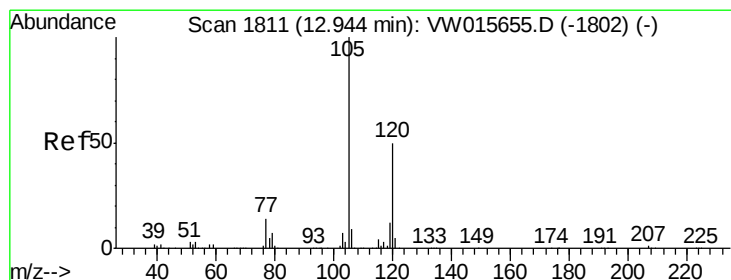
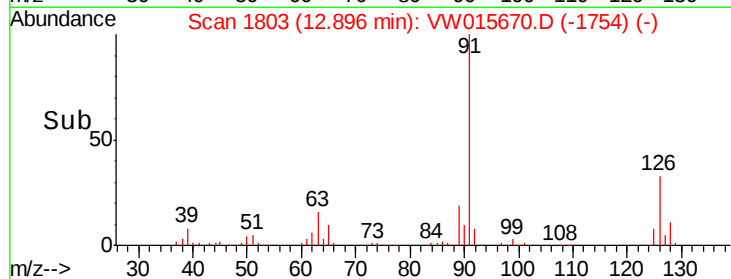
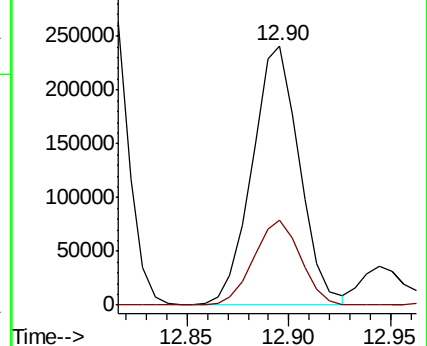
91 100

126 32.7 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.435 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015670.D

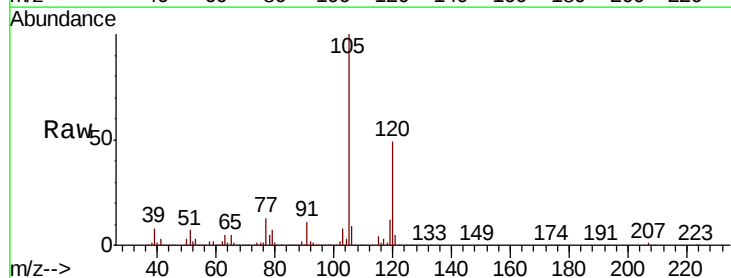
Acq: 23 Jun 2020 18:57

Tgt Ion:105 Resp: 489154

Ion Ratio Lower Upper

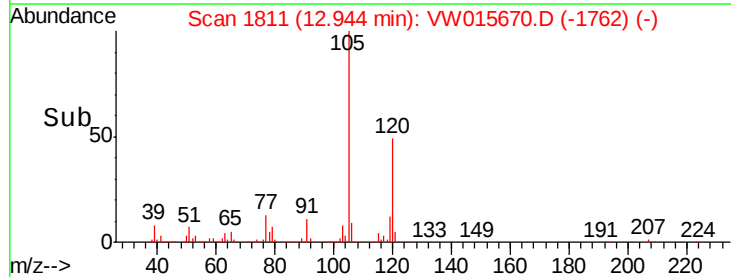
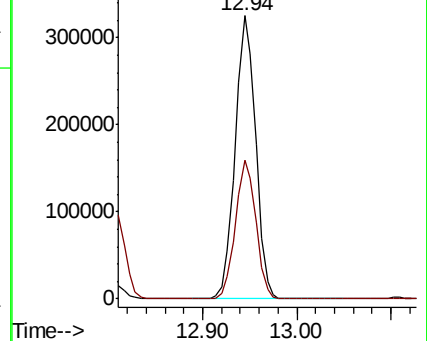
105 100

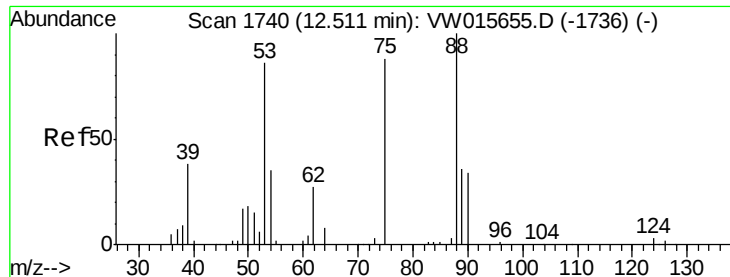
120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.678 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

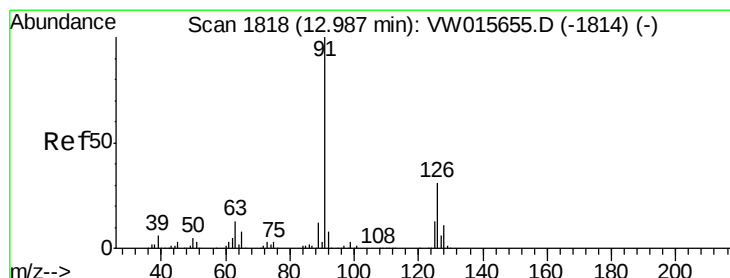
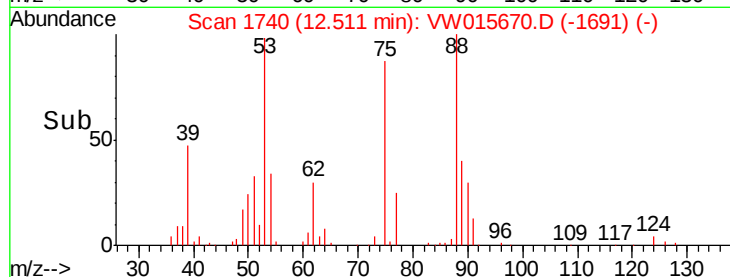
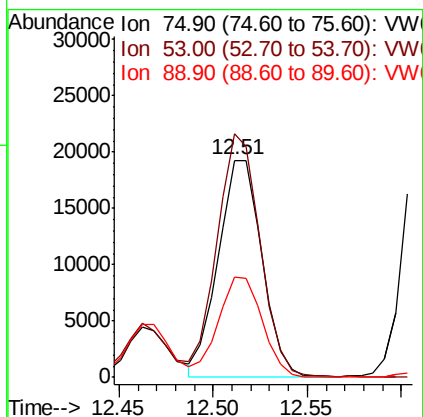
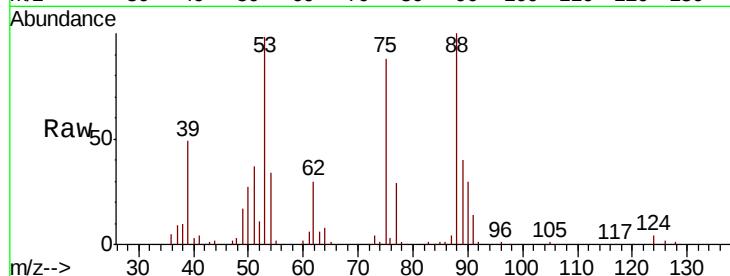
Tot Ion: 75 Resp: 30851

Ion Ratio Lower Upper

75 100

53 111.1 83.8 125.8

89 46.7 36.6 55.0



#82

4-Chlorotoluene

Concen: 48.901 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015670.D

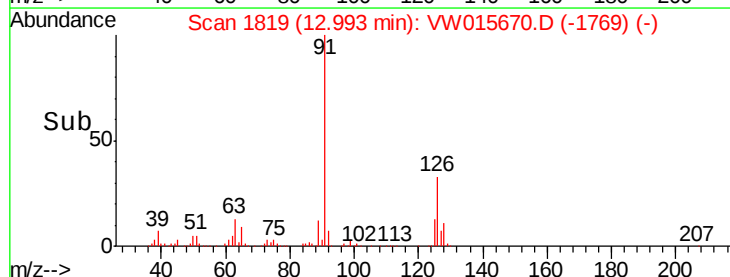
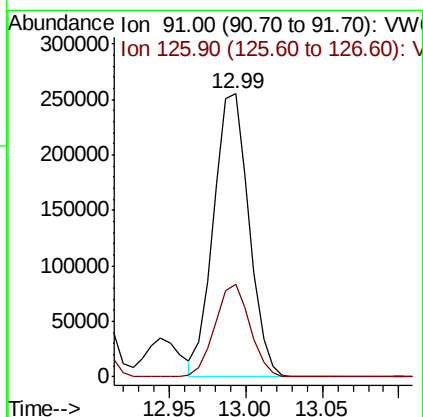
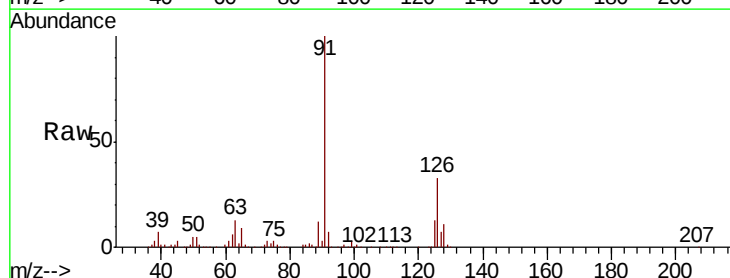
Acq: 23 Jun 2020 18:57

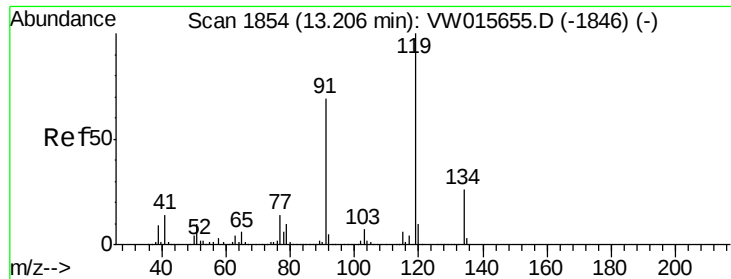
Tgt Ion: 91 Resp: 409446

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9

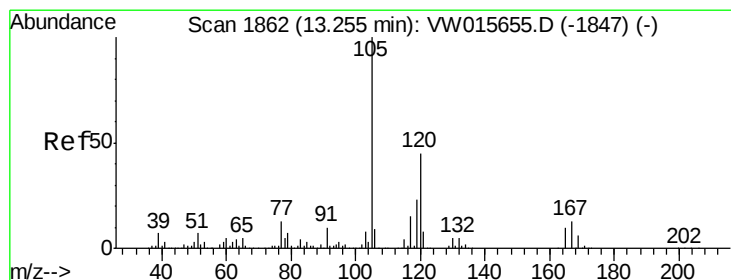
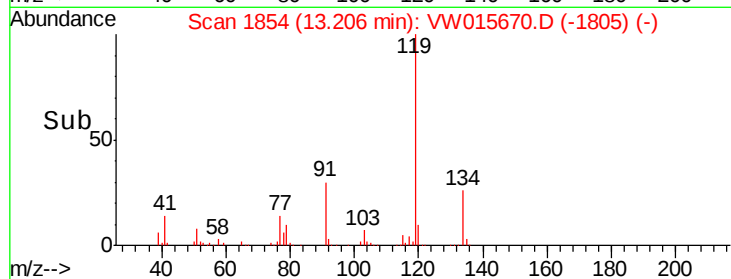
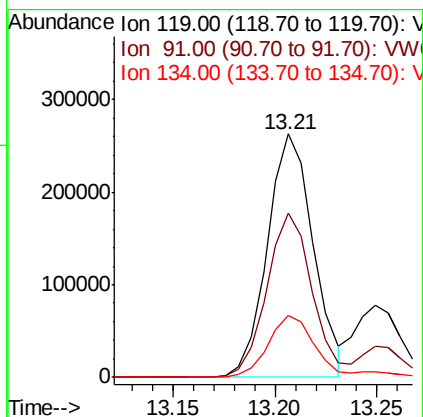
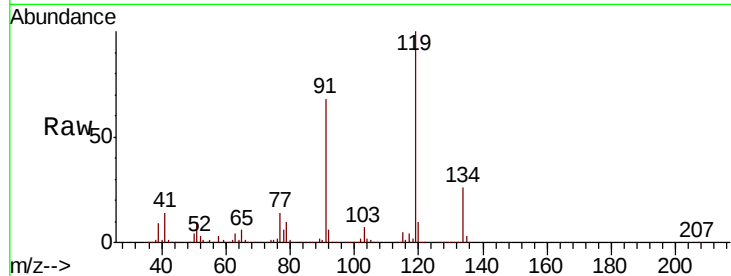




#83
tert-Butylbenzene
Concen: 49.168 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

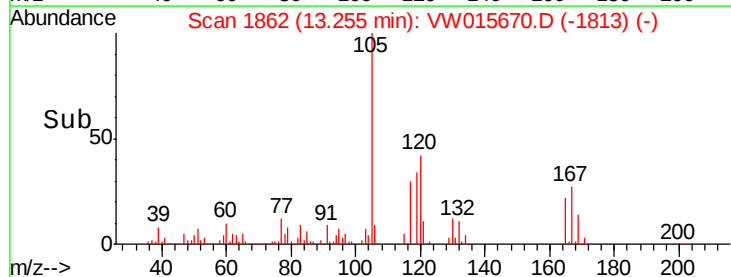
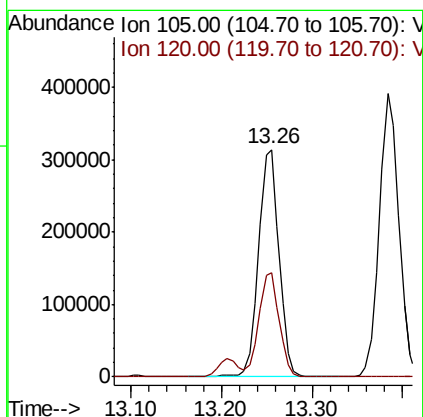
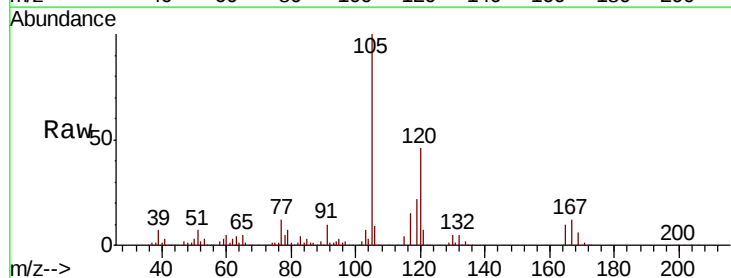
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

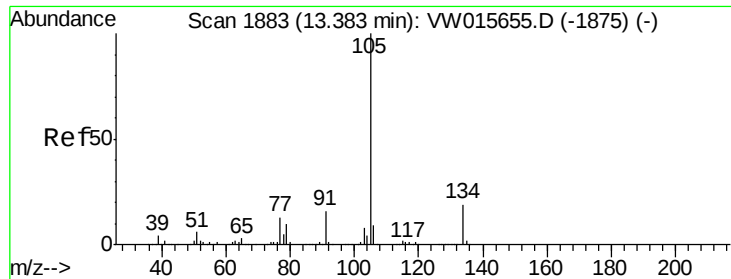
Tot Ion:119 Resp: 411071
Ion Ratio Lower Upper
119 100
91 67.4 34.7 104.1
134 25.5 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 49.690 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion:105 Resp: 490335
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.3

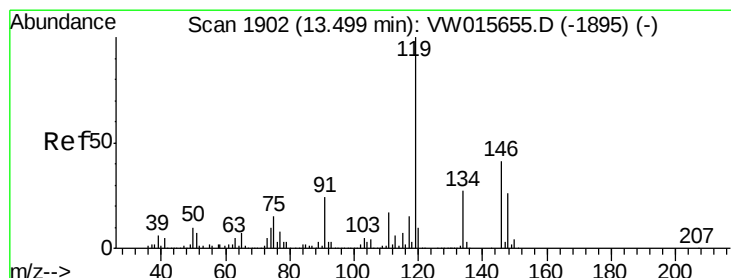
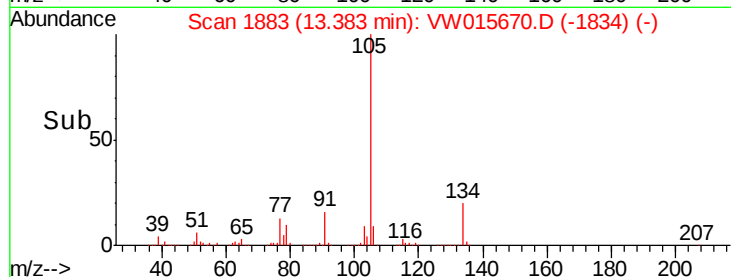
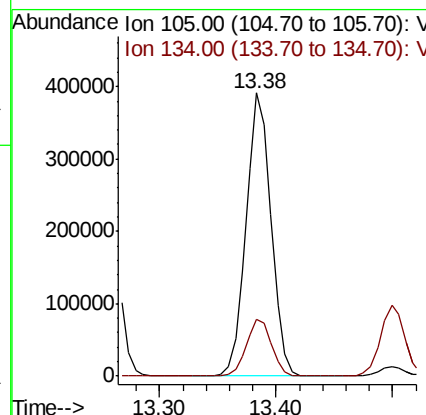
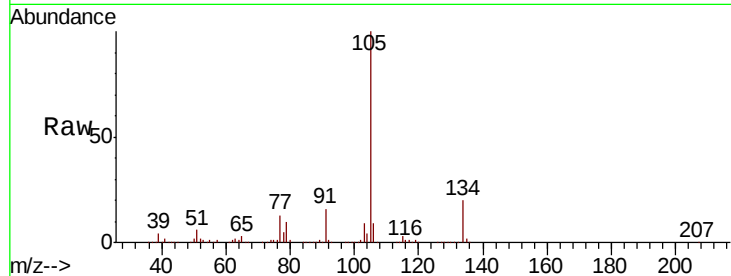




#85
 sec-Butylbenzene
 Concen: 48.981 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

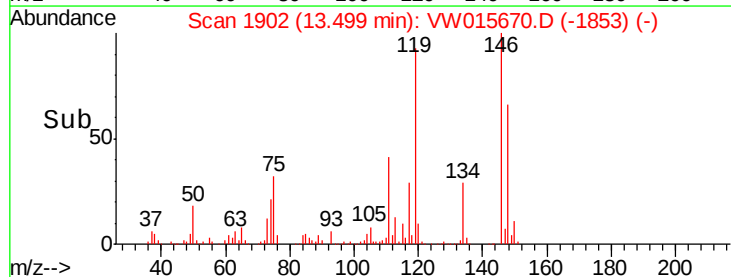
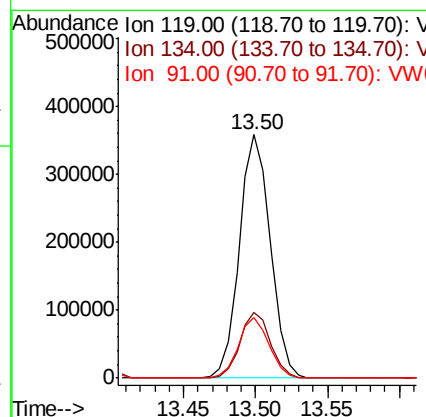
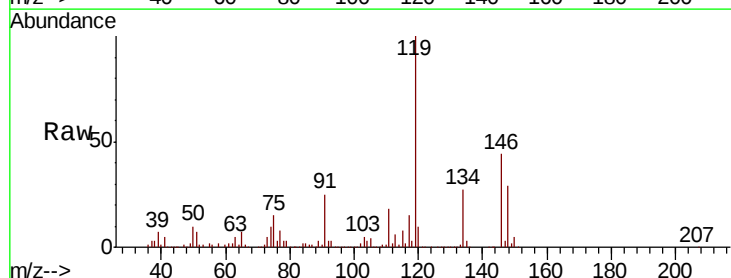
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

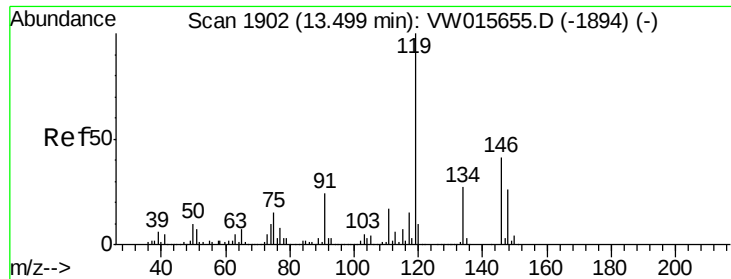
Tot Ion:105 Resp: 585244
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 49.108 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion:119 Resp: 533116
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 24.3 12.3 36.8

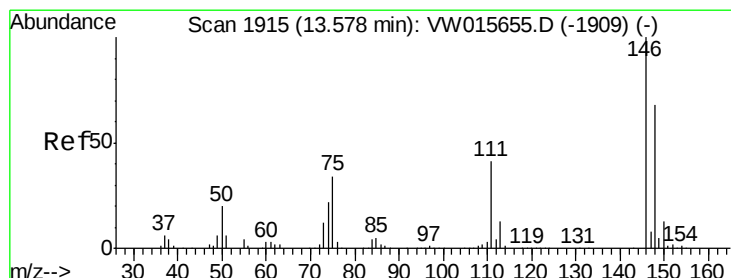
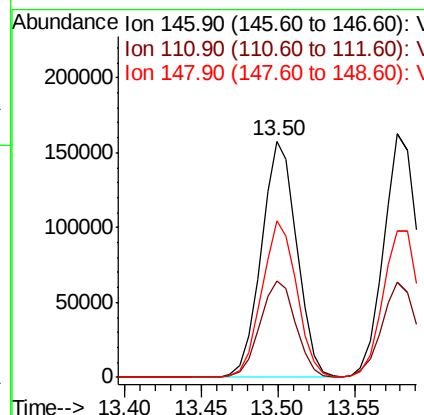
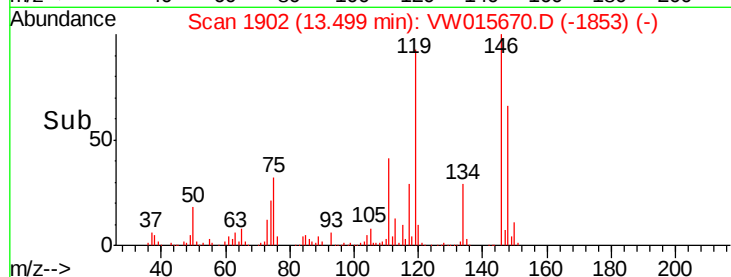
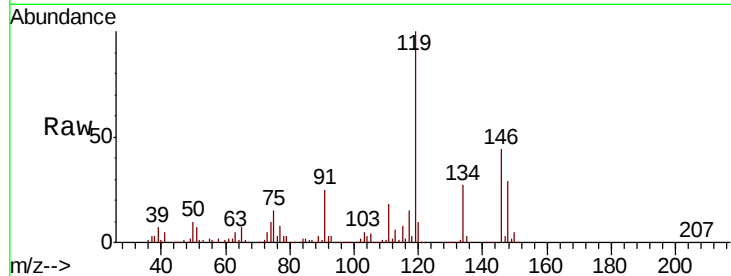




#87
 1,3-Dichlorobenzene
 Concen: 49.123 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

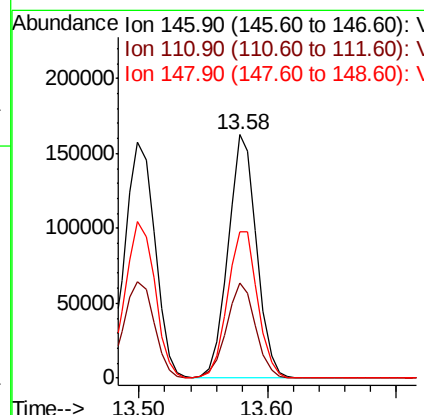
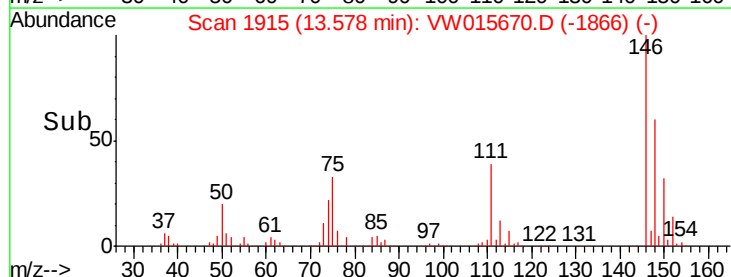
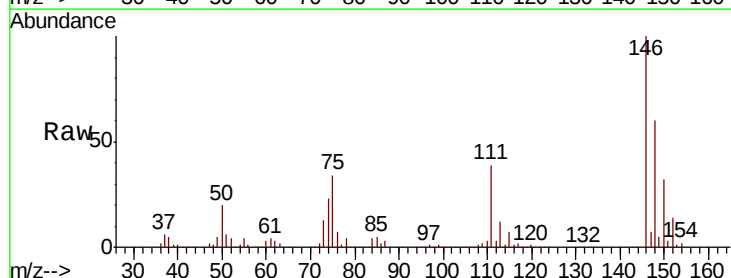
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

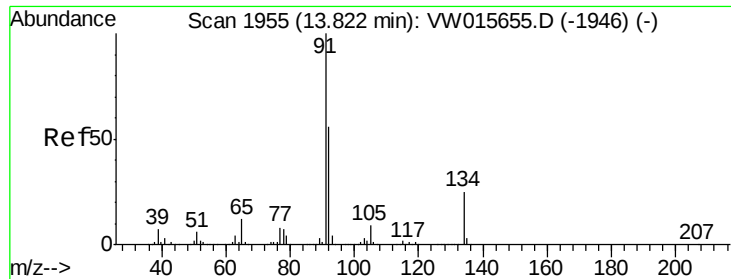
Tot Ion:146 Resp: 253919
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.3 60.8
 148 65.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.245 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion:146 Resp: 252108
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 63.6 33.7 101.1





#89

n-Butylbenzene

Concen: 48.893 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

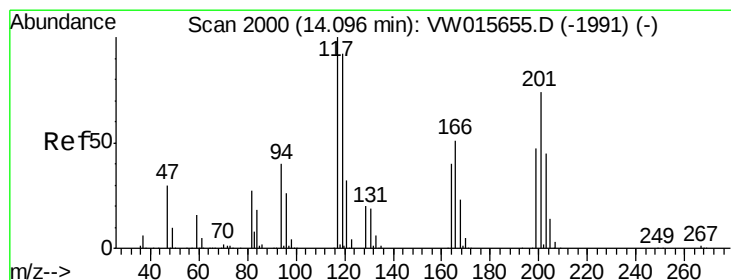
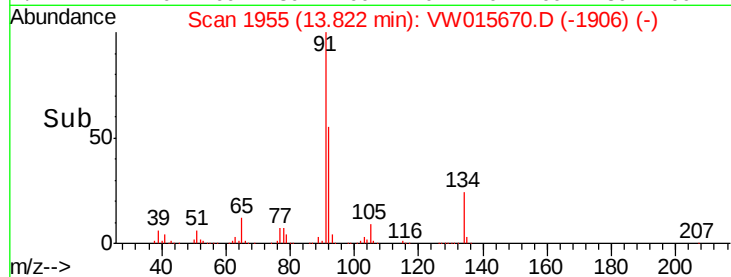
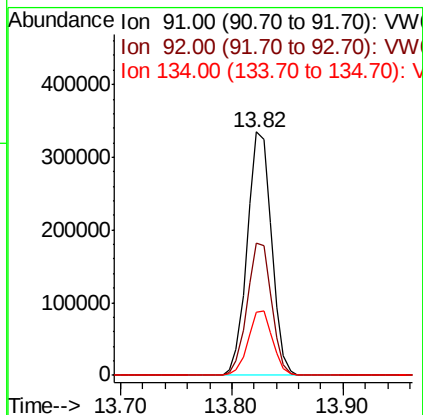
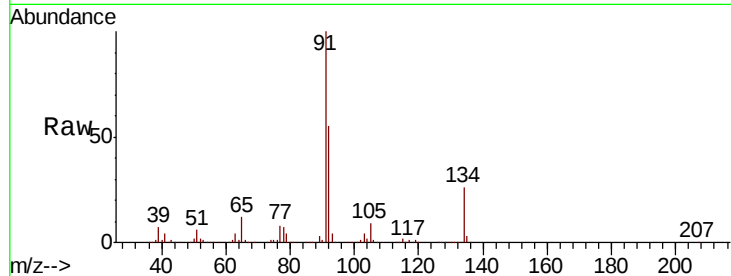
Tot Ion: 91 Resp: 509536

Ion Ratio Lower Upper

91 100

92 54.6 27.5 82.4

134 26.3 13.0 38.9



#90

Hexachloroethane

Concen: 49.397 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015670.D

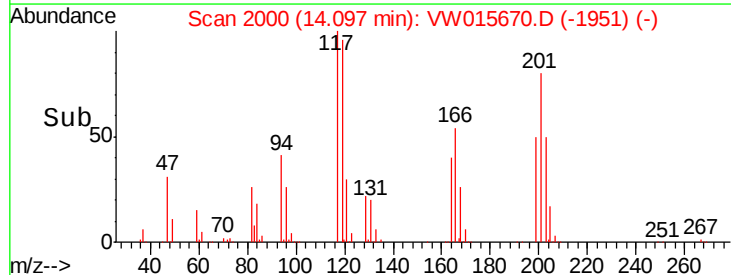
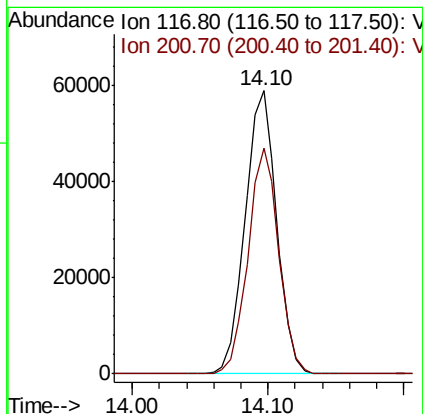
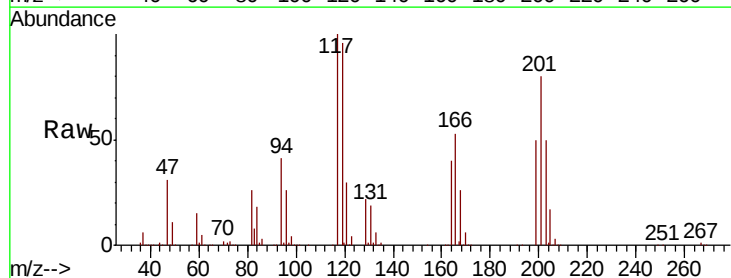
Acq: 23 Jun 2020 18:57

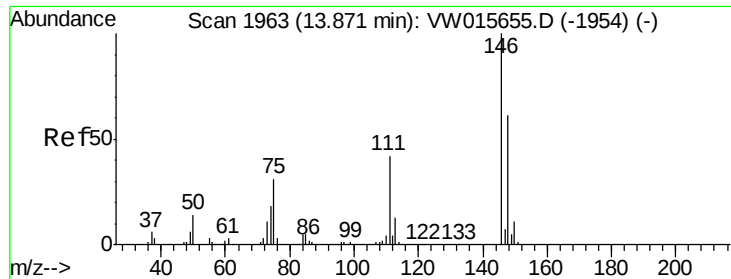
Tgt Ion: 117 Resp: 95432

Ion Ratio Lower Upper

117 100

201 78.0 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 51.670 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

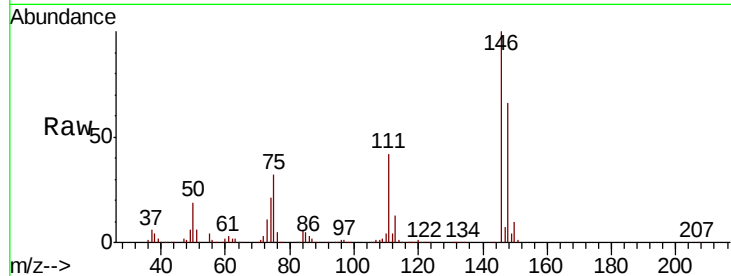
Tot Ion:146 Resp: 230932

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

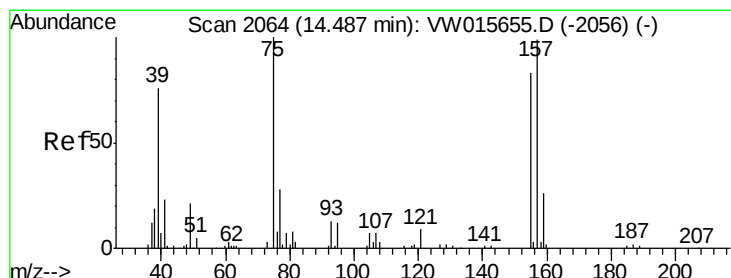
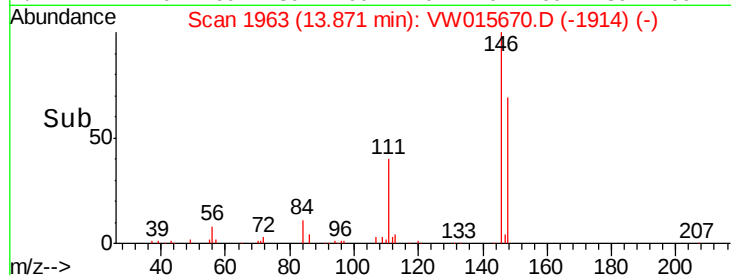
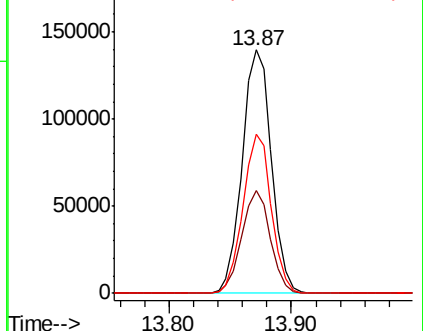
148 63.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.994 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

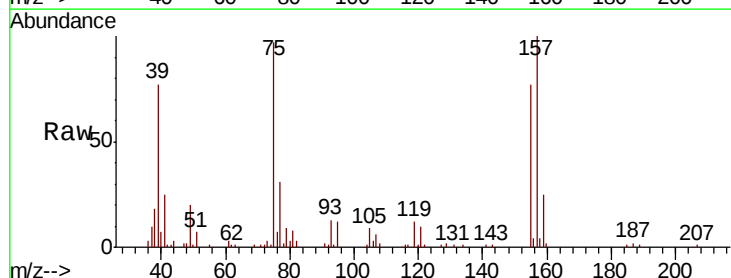
Tgt Ion: 75 Resp: 17648

Ion Ratio Lower Upper

75 100

155 81.1 40.8 122.2

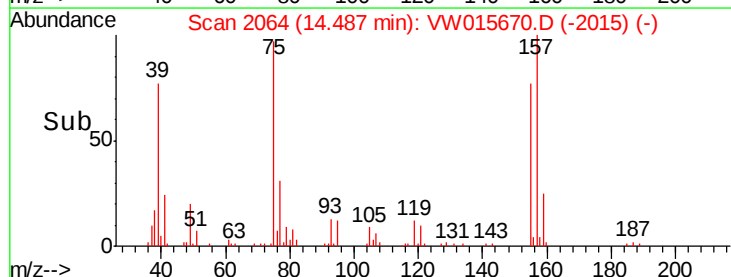
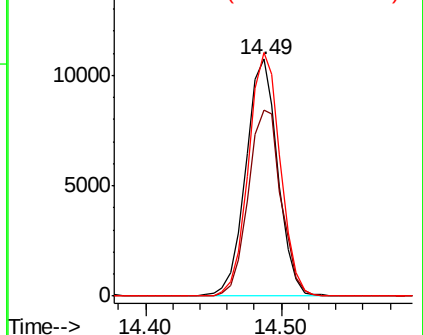
157 102.4 50.7 152.1

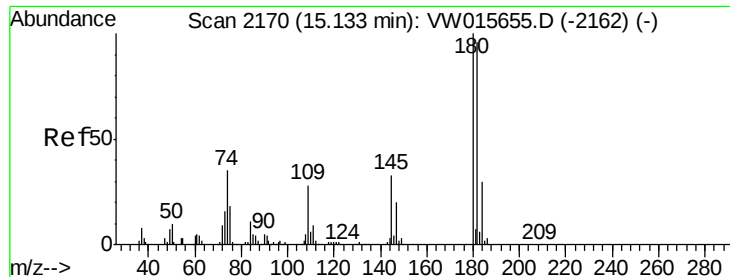


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

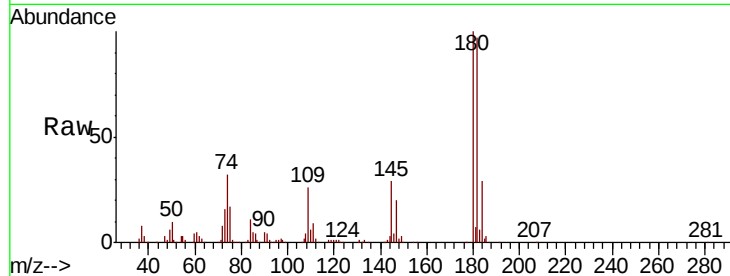




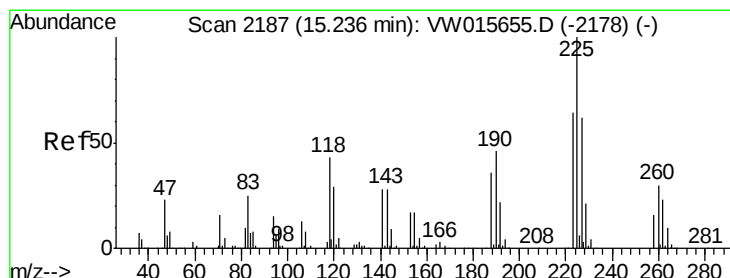
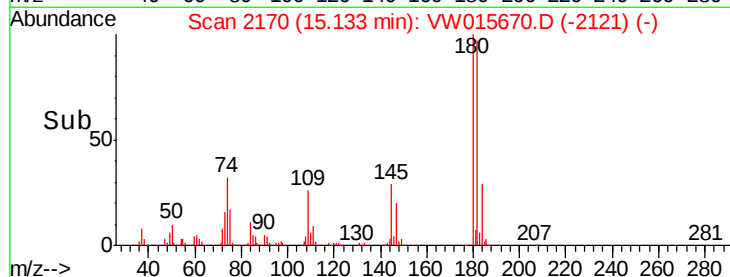
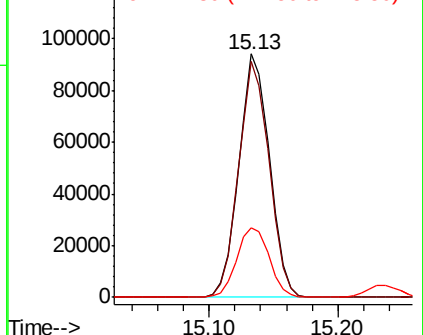
#93
 1,2,4-Trichlorobenzene
 Concen: 52.390 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 154624
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.9 143.6
 145 30.1 15.6 46.7

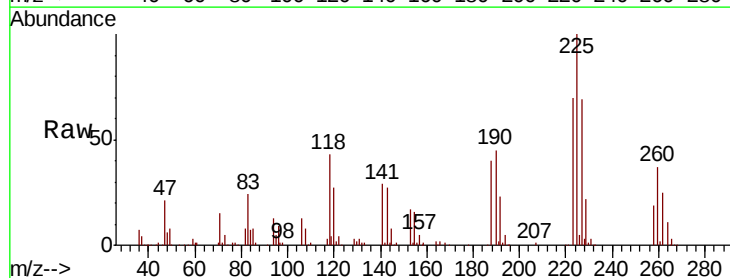


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

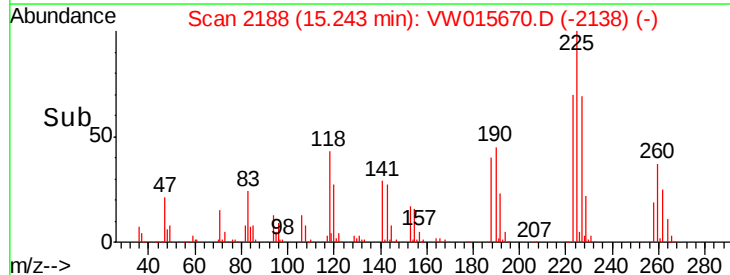
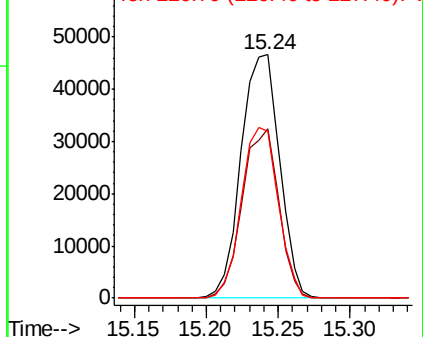


#94
 Hexachlorobutadiene
 Concen: 45.922 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW015670.D
 Acq: 23 Jun 2020 18:57

Tgt Ion:225 Resp: 86344
 Ion Ratio Lower Upper
 225 100
 223 65.9 31.0 93.0
 227 67.4 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

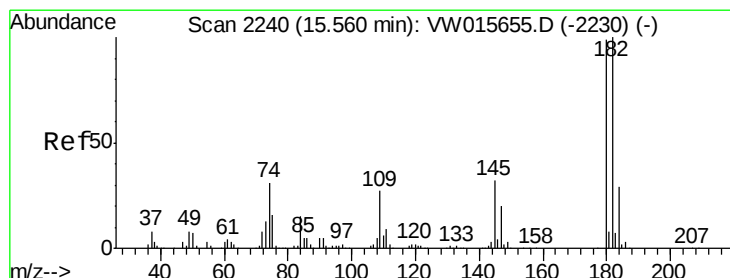
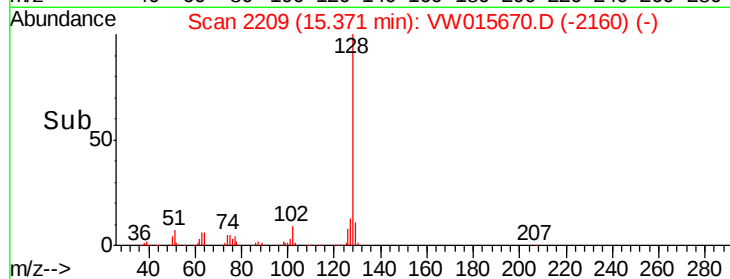
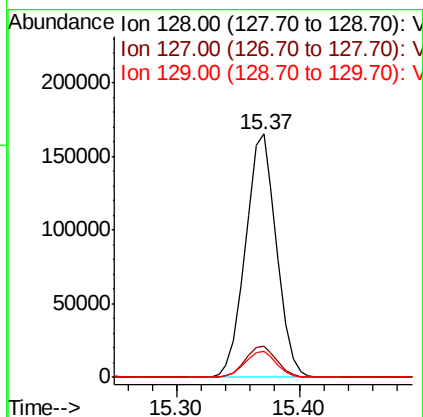
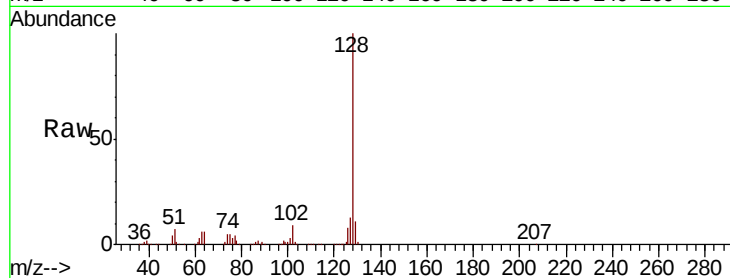




#95
Naphthalene
Concen: 59.406 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 289990
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.979 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015670.D
Acq: 23 Jun 2020 18:57

Tgt Ion:180 Resp: 134624
Ion Ratio Lower Upper
180 100
182 94.4 49.0 147.0
145 32.6 16.4 49.2

