

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015698.D
 Acq On : 24 Jun 2020 22:12
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 02:07:11 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	179653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	283151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107644	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.89	113	94833	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	10.32	98	373645	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	143042	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	52556	49.063	ug/l	99
3) Chloromethane	2.21	50	61872	49.188	ug/l	99
4) Vinyl Chloride	2.37	62	101997	50.157	ug/l	99
5) Bromomethane	2.78	94	81719	54.676	ug/l	94
6) Chloroethane	2.92	64	71742	53.610	ug/l	99
7) Trichlorofluoromethane	3.26	101	73790	48.327	ug/l	98
8) Diethyl Ether	3.68	74	50022	56.726	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87824	48.798	ug/l	99
10) Methyl Iodide	4.28	142	126137	49.566	ug/l	99
11) Tert butyl alcohol	5.21	59	27838	251.318	ug/l	98
12) 1,1-Dichloroethene	4.04	96	85629	48.862	ug/l	98
13) Acrolein	3.90	56	34279	246.866	ug/l	98
14) Allyl chloride	4.67	41	138396	48.677	ug/l	100
15) Acrylonitrile	5.38	53	97788	268.779	ug/l	99
16) Acetone	4.14	43	78246	205.913	ug/l	97
17) Carbon Disulfide	4.38	76	247352	49.041	ug/l	100
18) Methyl Acetate	4.68	43	42861	54.977	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	138740	52.604	ug/l	99
20) Methylene Chloride	4.92	84	102436	55.862	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	101200	50.368	ug/l	96
22) Diisopropyl ether	6.31	45	292215	51.676	ug/l	96
23) Vinyl Acetate	6.26	43	896014	271.715	ug/l	99
24) 1,1-Dichloroethane	6.21	63	181195	50.904	ug/l	99
25) 2-Butanone	7.18	43	128743	250.680	ug/l	99
26) 2,2-Dichloropropane	7.17	77	105866	44.343	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	110792	51.260	ug/l	98
28) Bromochloromethane	7.51	49	71651	52.330	ug/l	98
29) Tetrahydrofuran	7.54	42	81530	270.148	ug/l	99
30) Chloroform	7.68	83	187732	51.426	ug/l	99
31) Cyclohexane	7.96	56	160805	46.702	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	155662	50.023	ug/l	99
36) 1,1-Dichloropropene	8.09	75	149359	50.715	ug/l	99
37) Ethyl Acetate	7.26	43	60085	53.433	ug/l	99
38) Carbon Tetrachloride	8.07	117	144606	50.654	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015698.D
 Acq On : 24 Jun 2020 22:12
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 02:07:11 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	181287	50.822	ug/l	97
40) Benzene	8.32	78	417547	52.142	ug/l	99
41) Methacrylonitrile	7.49	41	33922	52.562	ug/l	97
42) 1,2-Dichloroethane	8.40	62	131133	52.933	ug/l	99
43) Isopropyl Acetate	8.43	43	121238	54.028	ug/l	99
44) Trichloroethene	9.09	130	109256	50.619	ug/l	97
45) 1,2-Dichloropropane	9.37	63	101591	51.902	ug/l	99
46) Dibromomethane	9.46	93	55276	54.581	ug/l	98
47) Bromodichloromethane	9.65	83	138416	52.398	ug/l	99
48) Methyl methacrylate	9.44	41	56386	54.961	ug/l	95
49) 1,4-Dioxane	9.47	88	16121	1213.445	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	305307	282.124	ug/l	100
52) Toluene	10.39	92	273432	52.881	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	132660	51.983	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158331	51.934	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	76139	54.073	ug/l	99
56) Ethyl methacrylate	10.65	69	99013	56.514	ug/l	95
57) 1,3-Dichloropropane	10.93	76	134533	53.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248033	299.165	ug/l	100
59) 2-Hexanone	10.97	43	208824	283.445	ug/l	99
60) Dibromochloromethane	11.13	129	87998	53.629	ug/l	98
61) 1,2-Dibromoethane	11.24	107	73249	54.423	ug/l	98
64) Tetrachloroethene	10.87	164	93555	49.351	ug/l	98
65) Chlorobenzene	11.66	112	286292	50.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	103127	51.697	ug/l	99
67) Ethyl Benzene	11.73	91	541515	51.143	ug/l	100
68) m/p-Xylenes	11.84	106	409367	102.963	ug/l	99
69) o-Xylene	12.17	106	190279	52.051	ug/l	99
70) Styrene	12.18	104	328782	52.641	ug/l	99
71) Bromoform	12.35	173	47788	52.066	ug/l #	98
73) Isopropylbenzene	12.46	105	534604	51.259	ug/l	100
74) N-amyl acetate	12.27	43	119303	53.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	90065	53.980	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	115818	92.871	ug/l	26
77) Bromobenzene	12.75	156	118890	51.123	ug/l	99
78) n-propylbenzene	12.80	91	637910	50.814	ug/l	99
79) 2-Chlorotoluene	12.90	91	358079	50.658	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	458120	51.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	25321	51.167	ug/l	92
82) 4-Chlorotoluene	12.99	91	381809	51.057	ug/l	99
83) tert-Butylbenzene	13.21	119	387584	51.907	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	458910	52.071	ug/l	98
85) sec-Butylbenzene	13.38	105	551469	51.677	ug/l	100
86) p-Isopropyltoluene	13.50	119	502530	51.830	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	236801	51.294	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	231682	50.671	ug/l	97
89) n-Butylbenzene	13.82	91	480193	51.592	ug/l	99
90) Hexachloroethane	14.10	117	88678	51.394	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	206851	51.821	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15186	56.839	ug/l	97

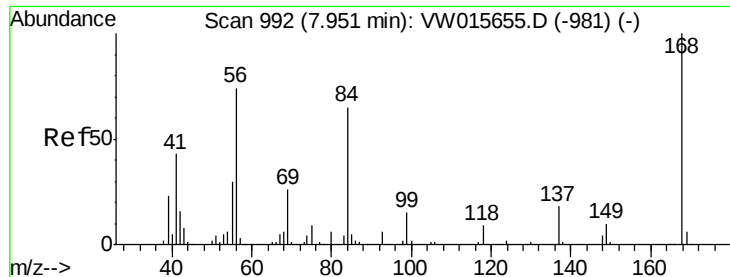
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015698.D
Acq On : 24 Jun 2020 22:12
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jun 25 02:07:11 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	137429	52.137	ug/l	97
94) Hexachlorobutadiene	15.24	225	85163	50.714	ug/l	99
95) Naphthalene	15.37	128	246154	56.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	120480	53.087	ug/l	96

(#) = 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: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

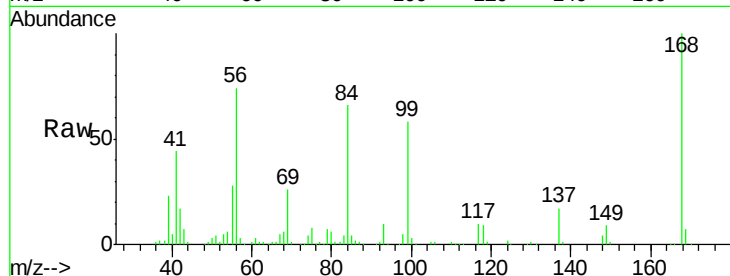
VSTDCCC050

Tgt Ion:168 Resp: 179653

Ion Ratio Lower Upper

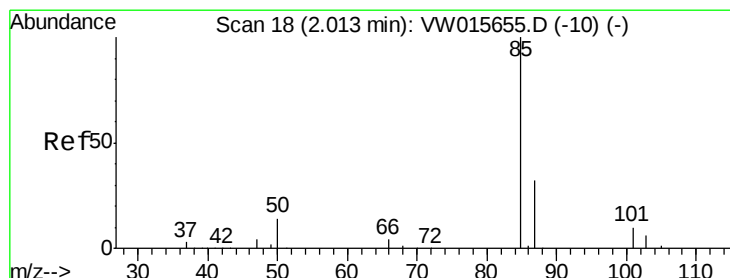
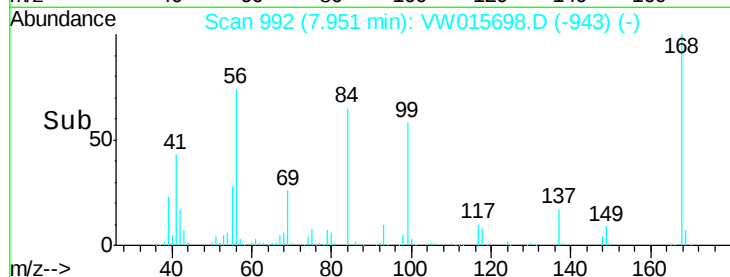
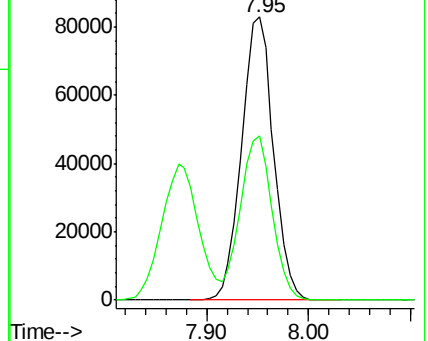
168 100

99 57.9 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.063 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015698.D

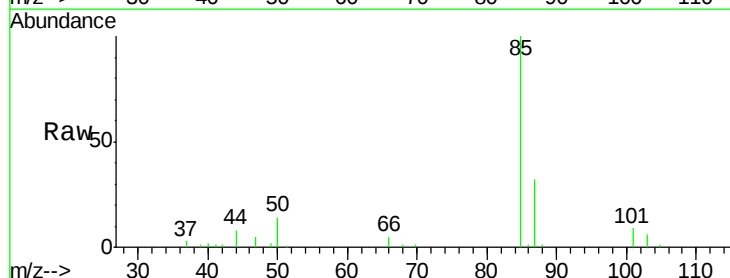
Acq: 24 Jun 2020 22:12

Tgt Ion: 85 Resp: 52556

Ion Ratio Lower Upper

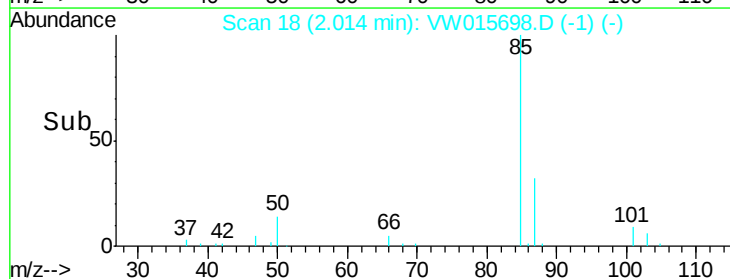
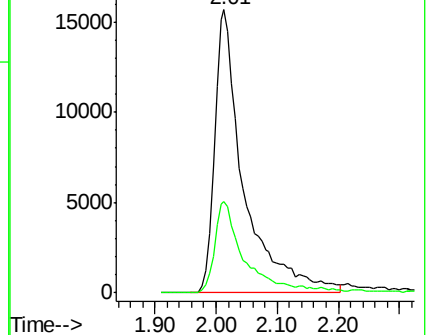
85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.188 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

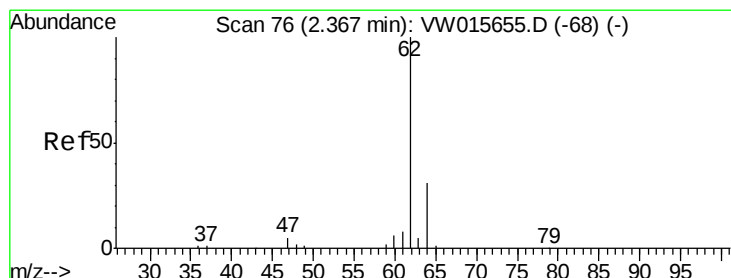
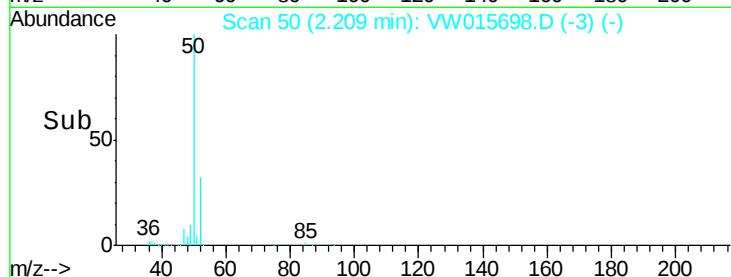
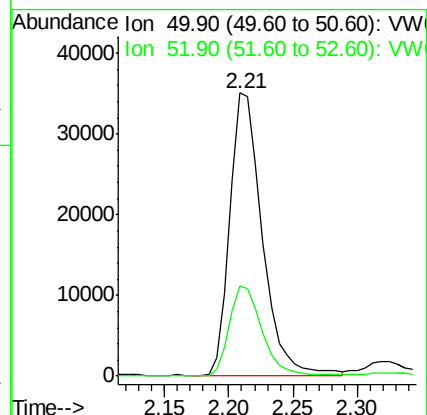
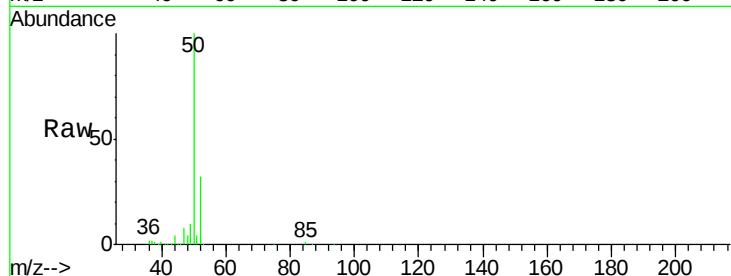
VSTDCCC050

Tgt Ion: 50 Resp: 61872

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0



#4

Vinyl Chloride

Concen: 50.157 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015698.D

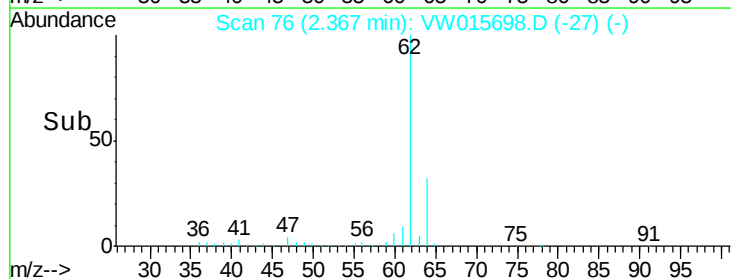
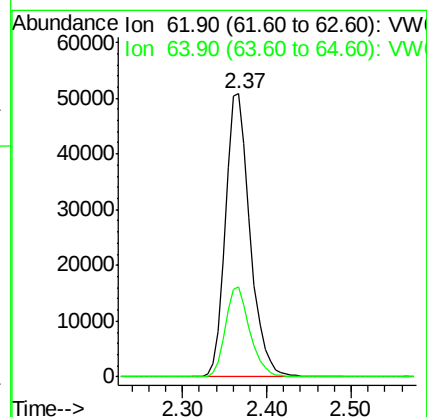
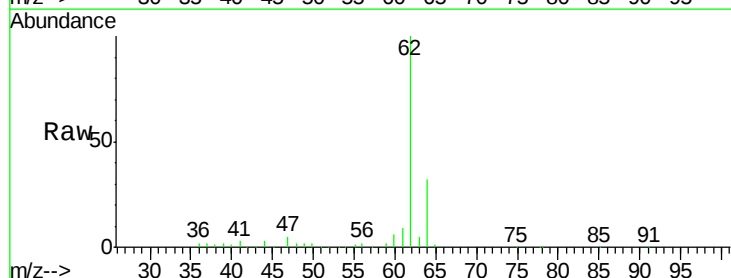
Acq: 24 Jun 2020 22:12

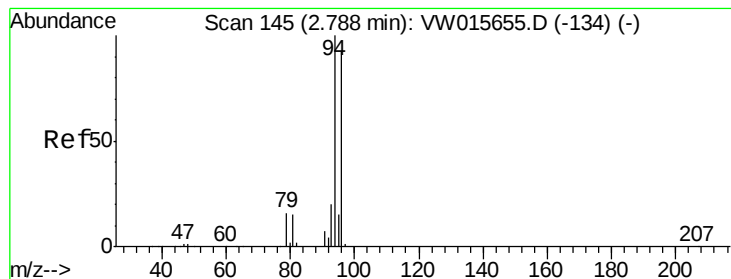
Tgt Ion: 62 Resp: 101997

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 54.676 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

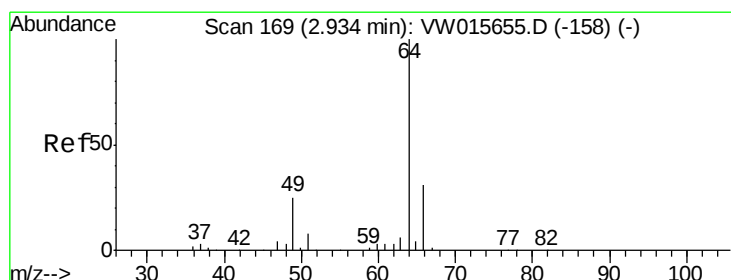
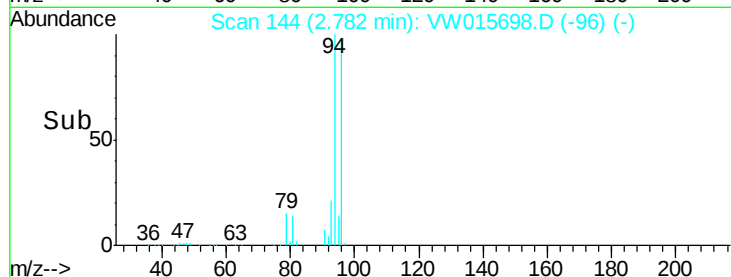
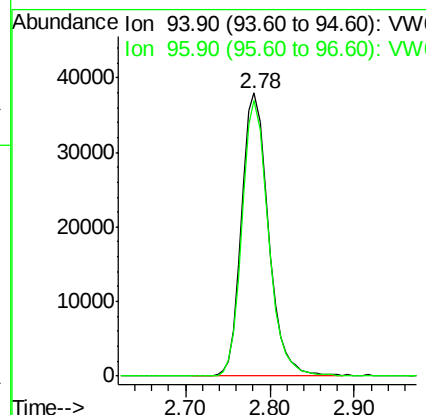
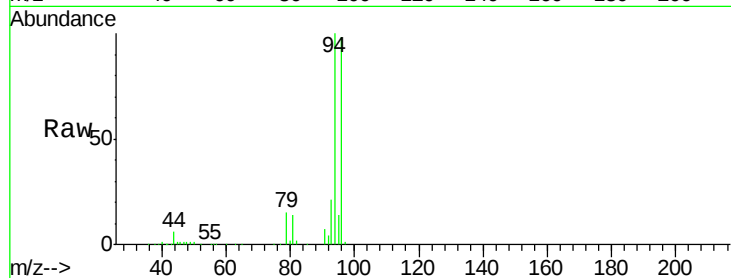
VSTDCCC050

Tgt Ion: 94 Resp: 81719

Ion Ratio Lower Upper

94 100

96 97.6 73.8 110.6



#6

Chloroethane

Concen: 53.610 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015698.D

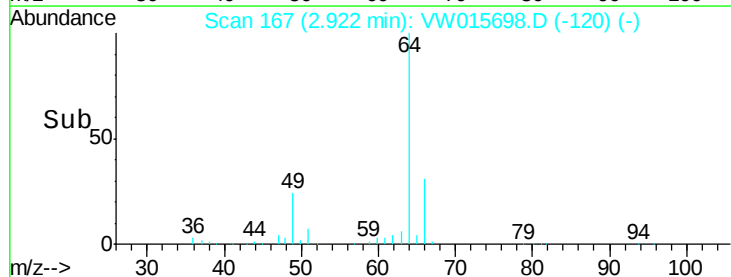
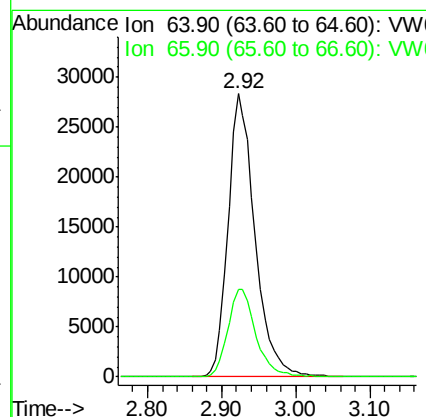
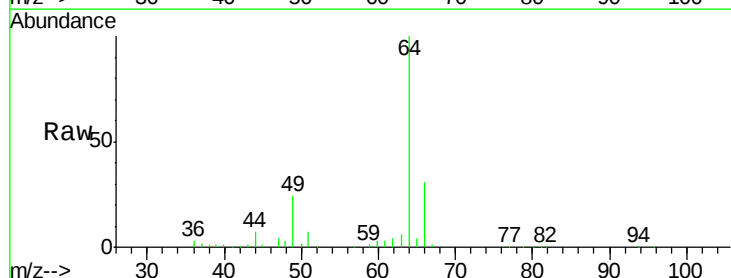
Acq: 24 Jun 2020 22:12

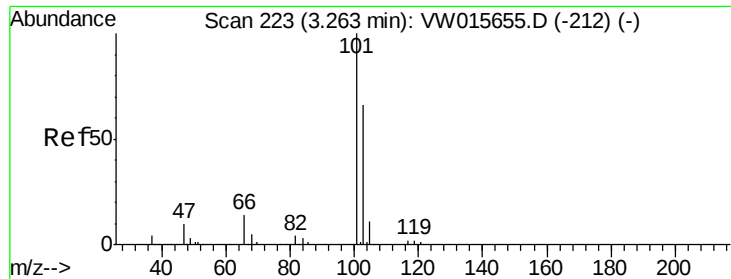
Tgt Ion: 64 Resp: 71742

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9



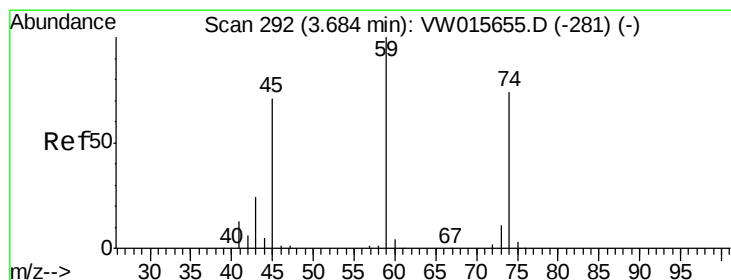
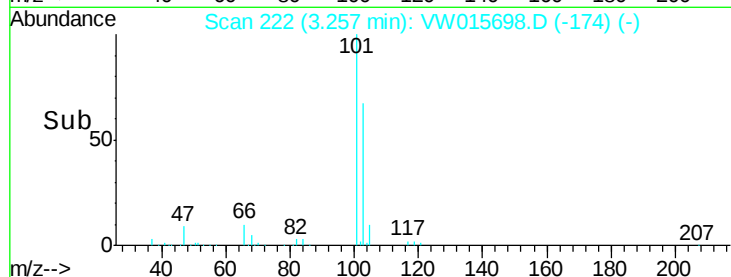
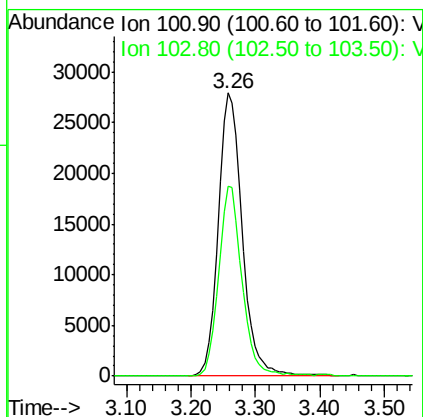
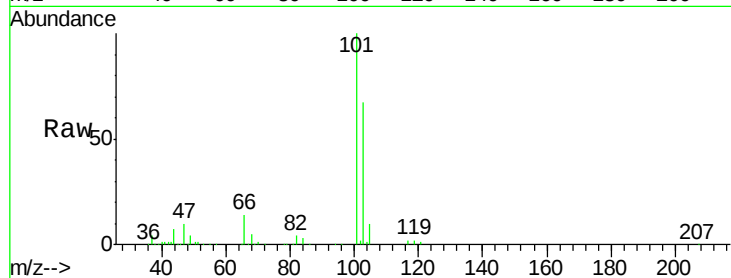


#7

Trichlorofluoromethane
 Concen: 48.327 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

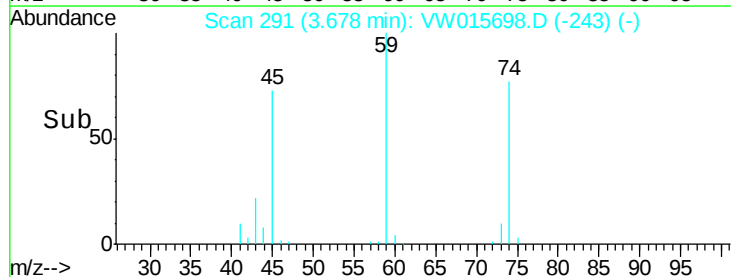
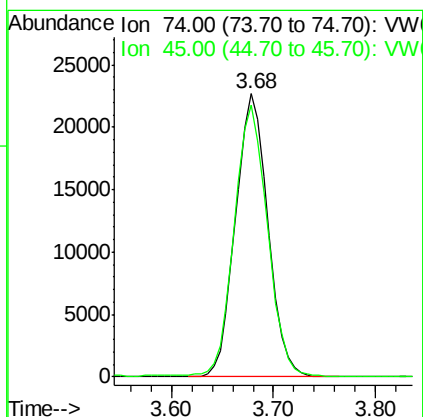
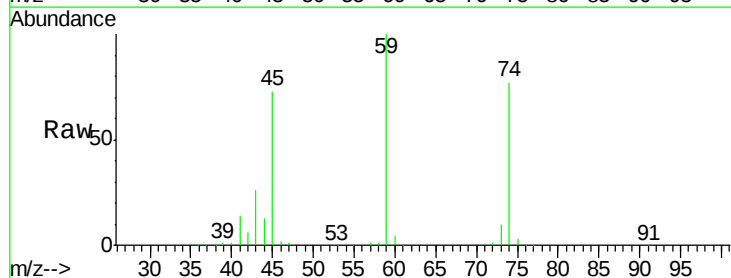
Tgt Ion:101 Resp: 73790
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.6 78.8

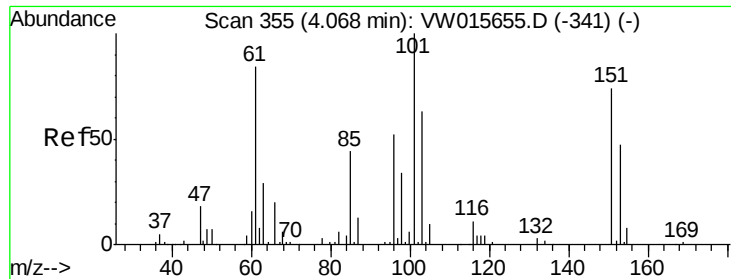


#8

Diethyl Ether
 Concen: 56.726 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 74 Resp: 50022
 Ion Ratio Lower Upper
 74 100
 45 98.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.798 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

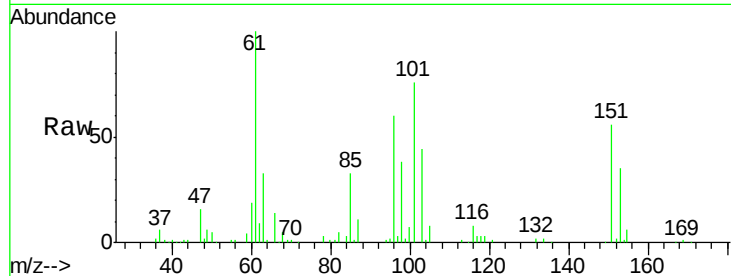
Tgt Ion:101 Resp: 87824

Ion Ratio Lower Upper

101 100

85 45.1 36.6 55.0

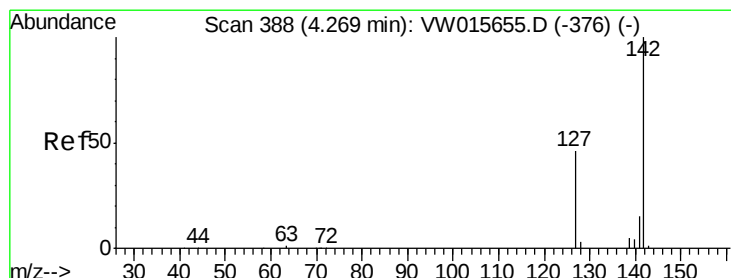
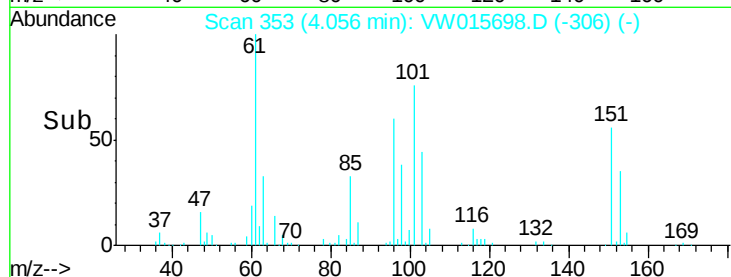
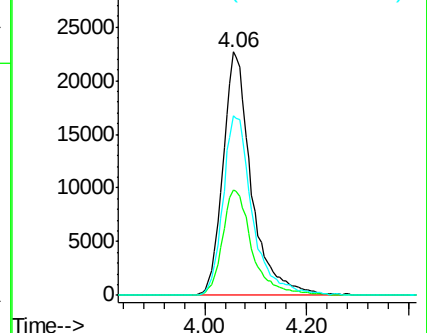
151 76.3 60.4 90.6



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: 49.566 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

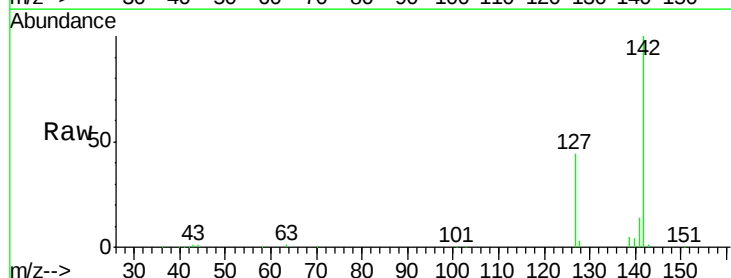
Tgt Ion:142 Resp: 126137

Ion Ratio Lower Upper

142 100

127 45.0 36.4 54.6

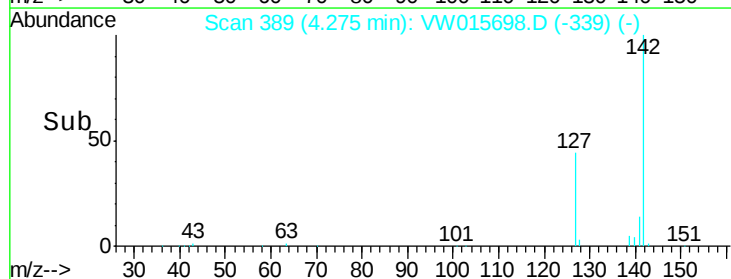
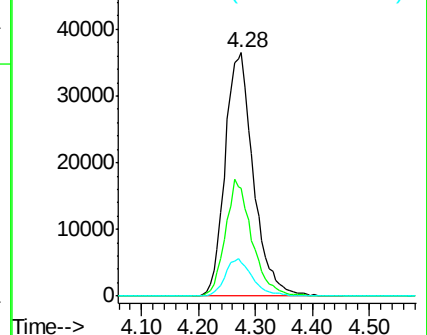
141 14.7 11.6 17.4

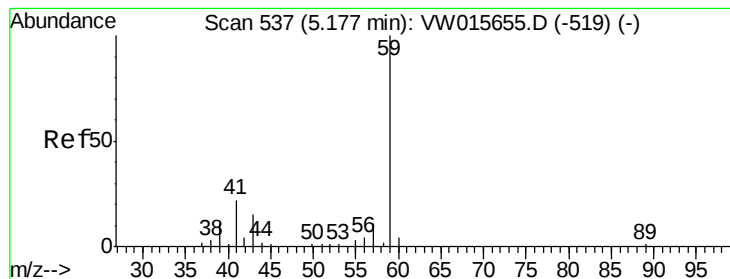


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



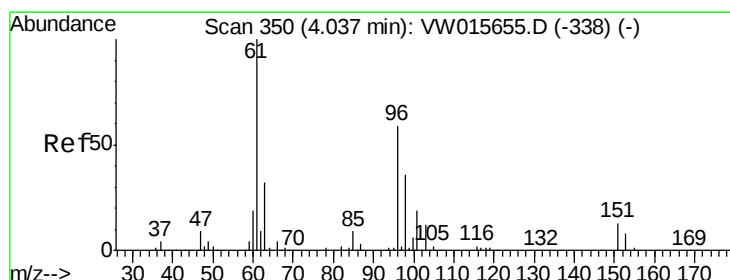
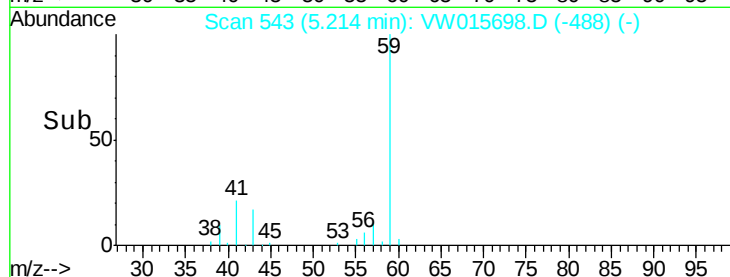
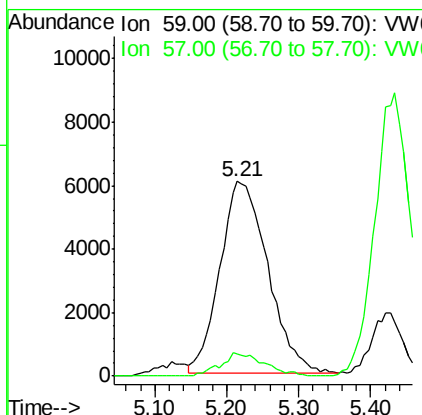
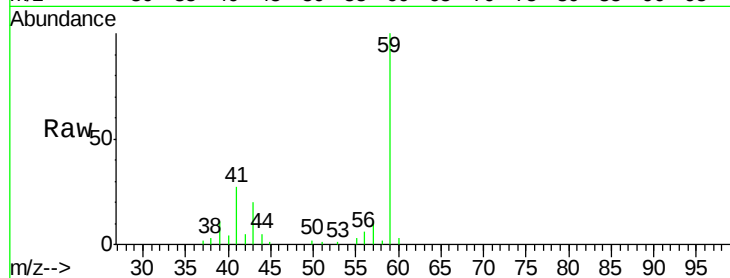


#11

Tert butyl alcohol
 Concen: 251.318 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.04 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

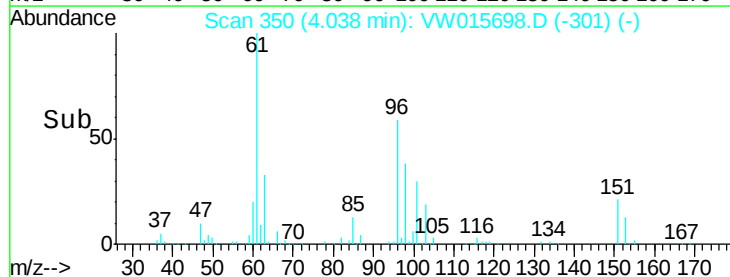
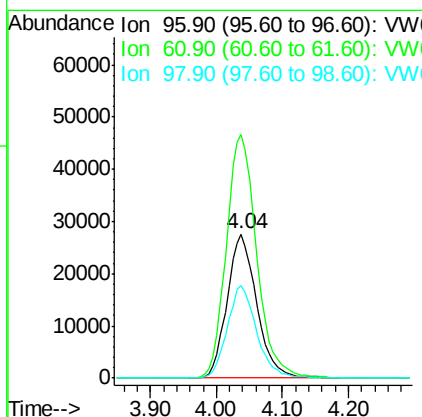
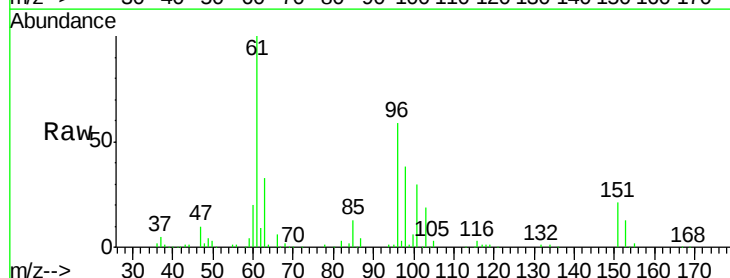
Tgt Ion: 59 Resp: 27838
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.4 12.6

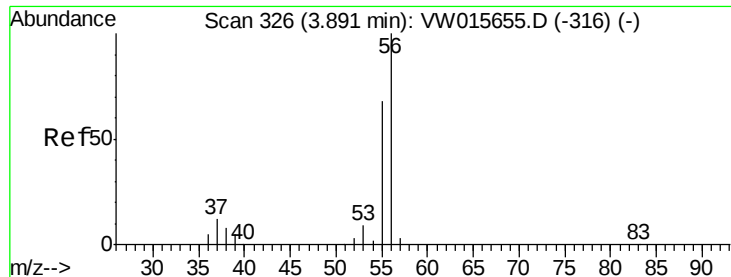


#12

1,1-Dichloroethene
 Concen: 48.862 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 96 Resp: 85629
 Ion Ratio Lower Upper
 96 100
 61 169.3 136.7 205.1
 98 64.0 49.2 73.8





#13

Acrolein

Concen: 246.866 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampled :

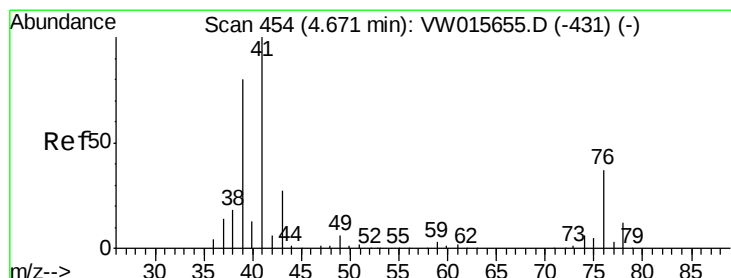
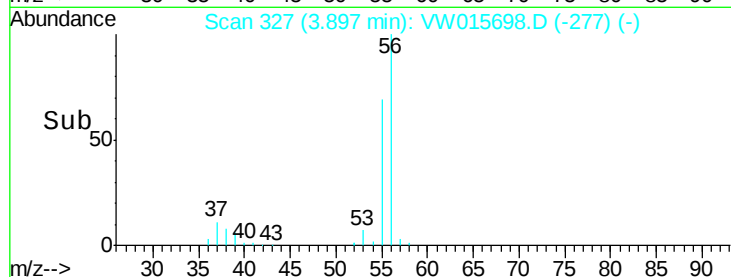
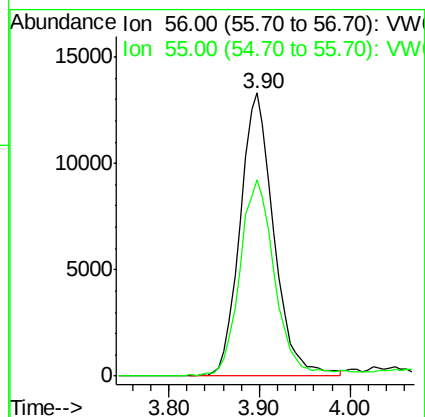
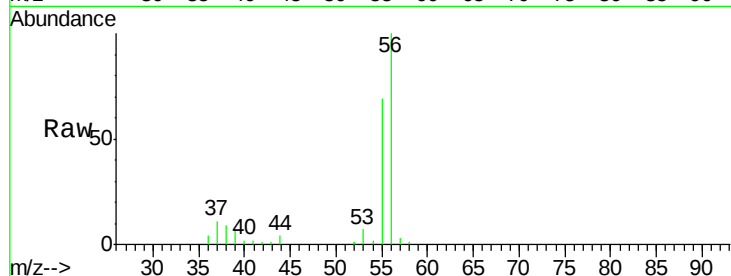
VSTDCCC050

Tgt Ion: 56 Resp: 34279

Ion Ratio Lower Upper

56 100

55 71.5 56.2 84.2



#14

Allyl chloride

Concen: 48.677 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

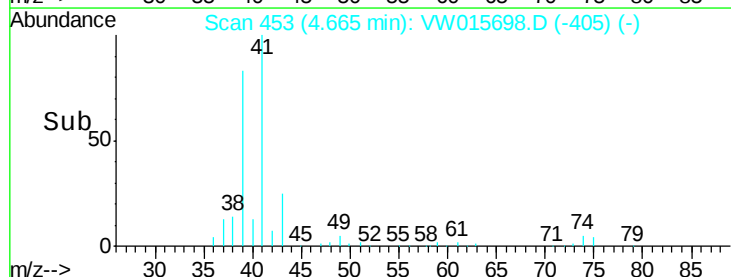
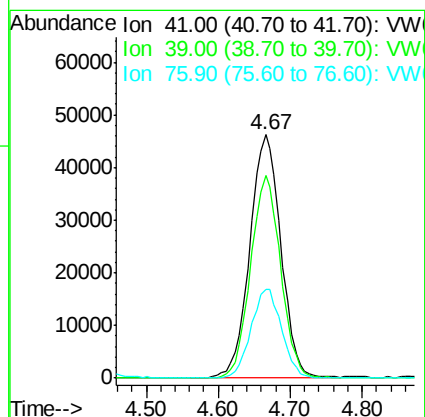
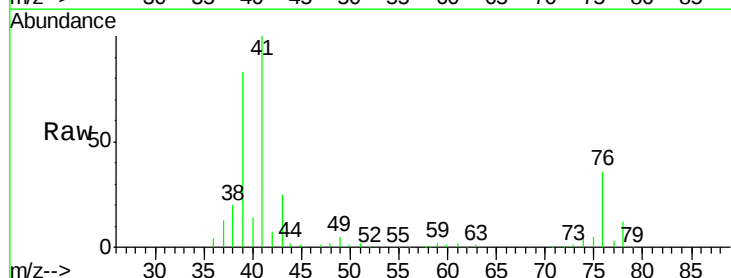
Tgt Ion: 41 Resp: 138396

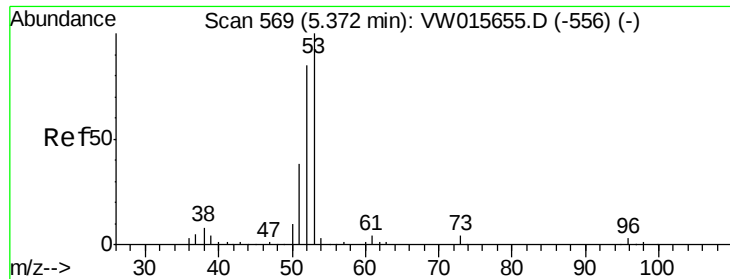
Ion Ratio Lower Upper

41 100

39 81.0 64.6 97.0

76 36.0 29.1 43.7

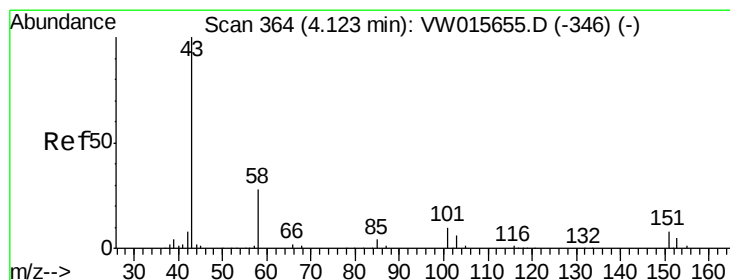
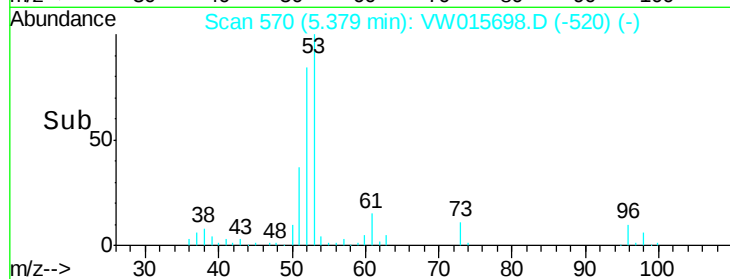
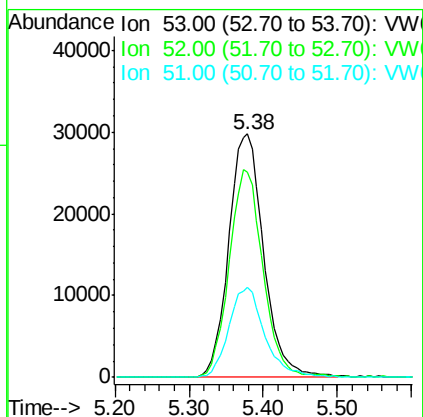
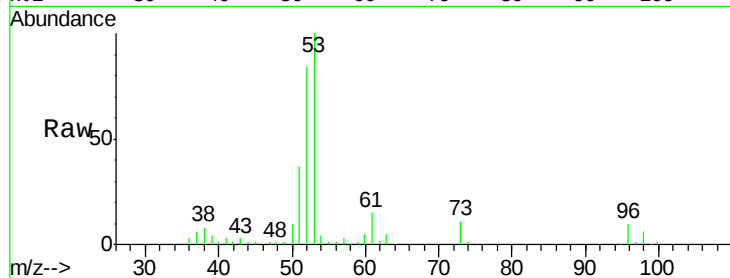




#15
 Acrylonitrile
 Concen: 268.779 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

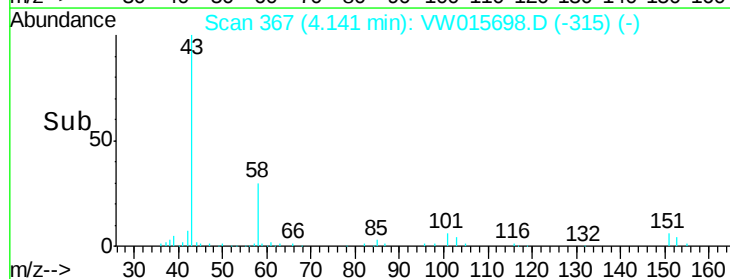
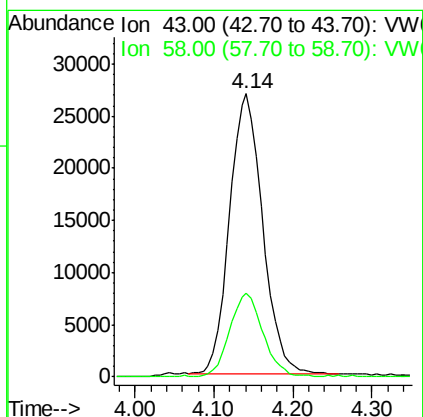
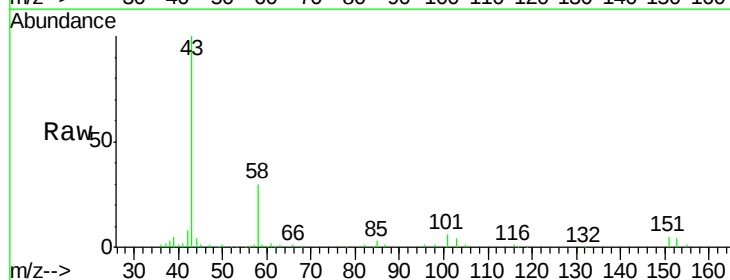
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

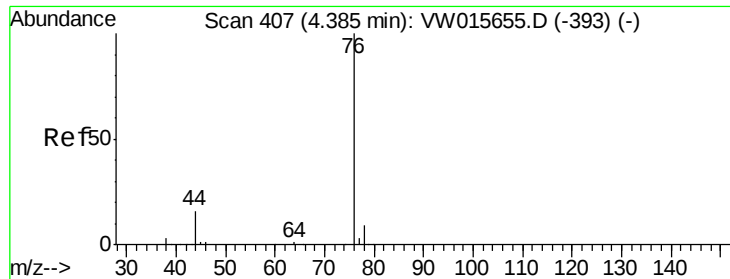
Tgt Ion: 53 Resp: 97788
 Ion Ratio Lower Upper
 53 100
 52 82.8 65.8 98.6
 51 38.1 30.7 46.1



#16
 Acetone
 Concen: 205.913 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.02 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 43 Resp: 78246
 Ion Ratio Lower Upper
 43 100
 58 29.7 22.6 33.8

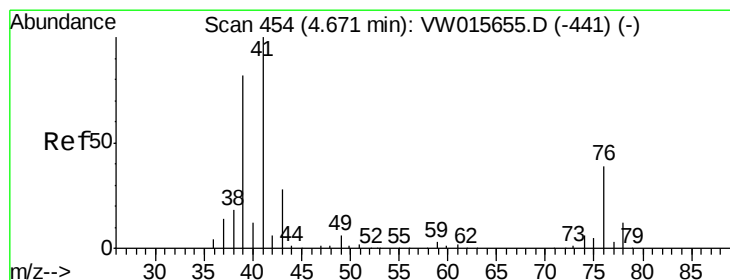
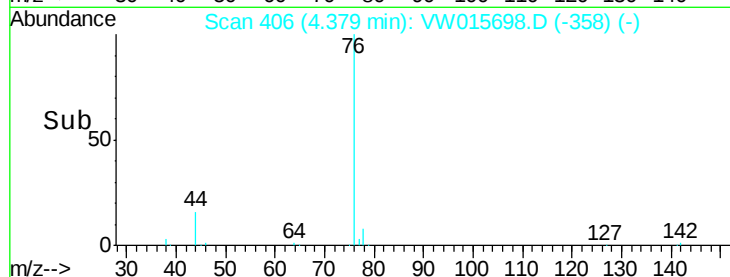
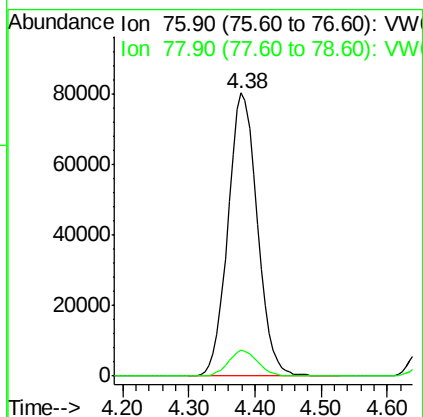
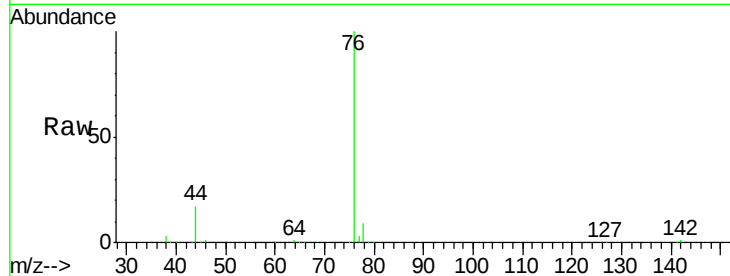




#17
Carbon Disulfide
Concen: 49.041 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

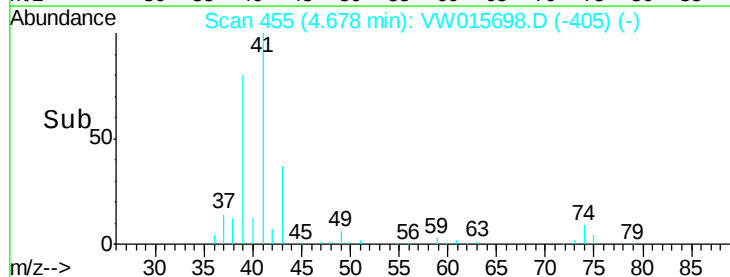
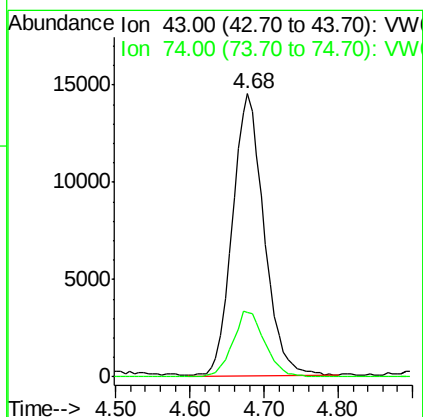
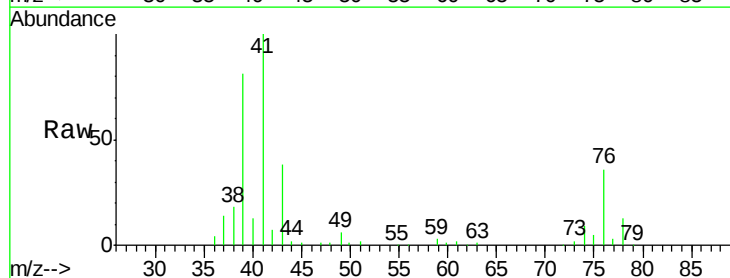
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

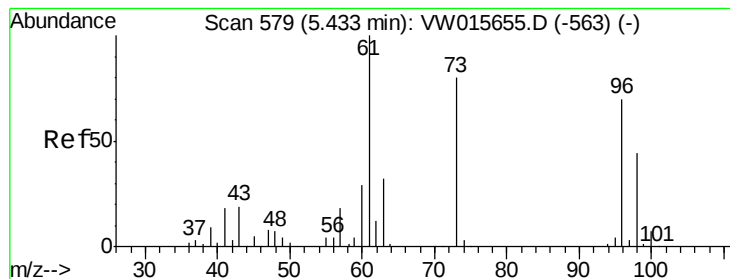
Tgt Ion: 76 Resp: 247352
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 54.977 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 43 Resp: 42861
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



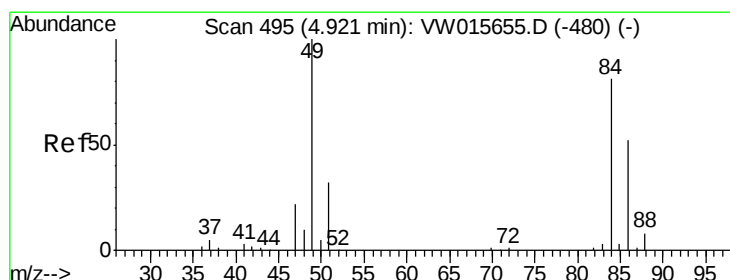
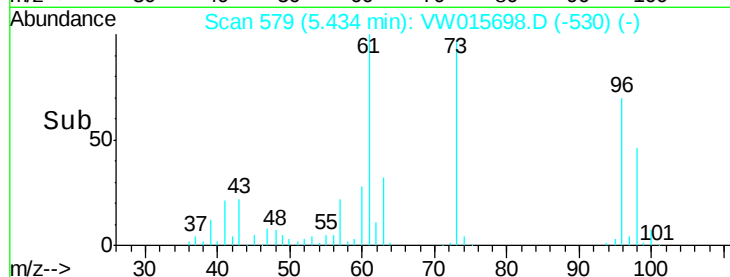
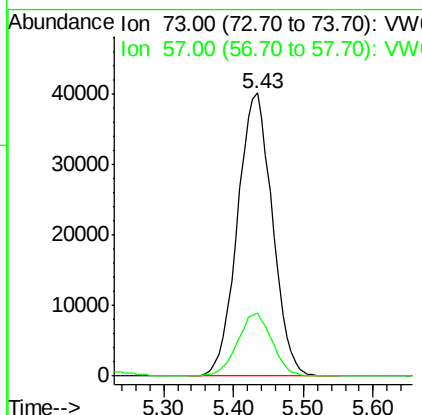
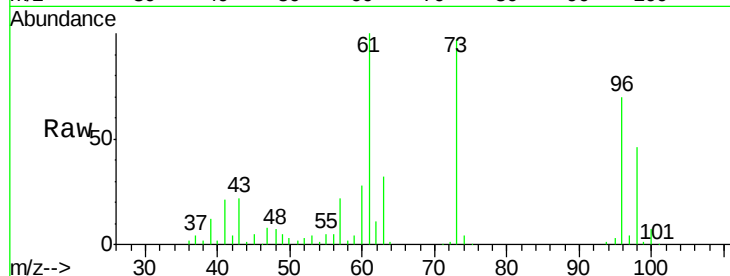


#19

Methyl tert-butyl Ether
 Concen: 52.604 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

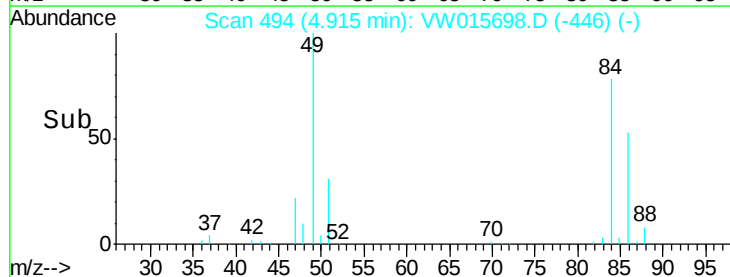
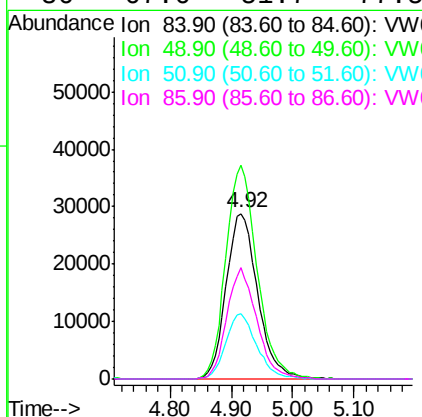
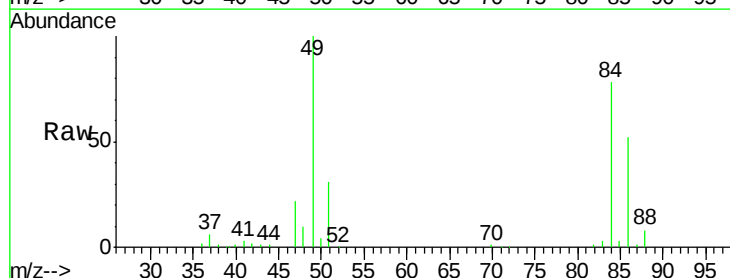
Tgt Ion: 73 Resp: 138740
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.1 27.1

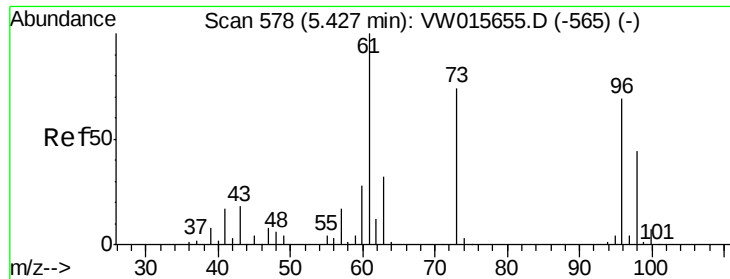


#20

Methylene Chloride
 Concen: 55.862 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 84 Resp: 102436
 Ion Ratio Lower Upper
 84 100
 49 128.9 99.3 148.9
 51 39.8 31.8 47.6
 86 67.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.368 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

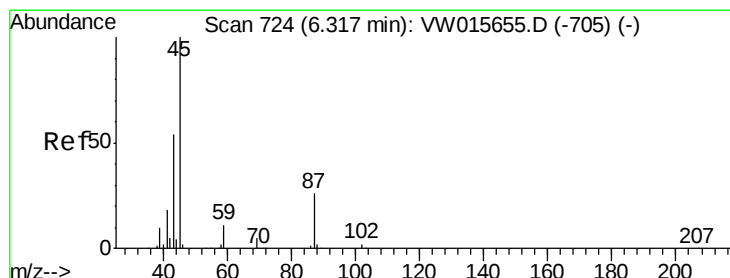
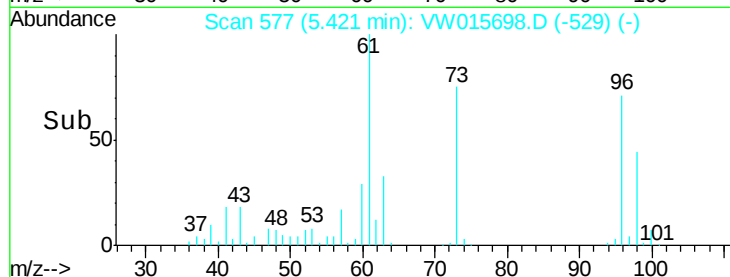
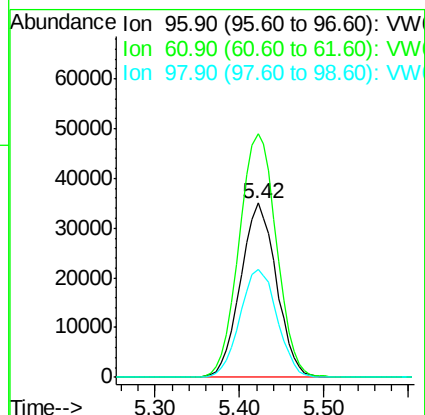
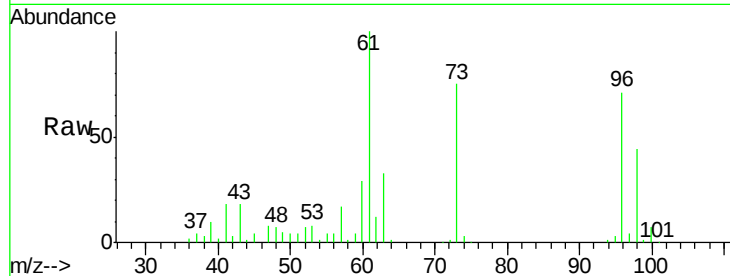
Tgt Ion: 96 Resp: 101200

Ion Ratio Lower Upper

96 100

61 140.0 116.2 174.2

98 61.8 51.4 77.0



#22

Diisopropyl ether

Concen: 51.676 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion: 45 Resp: 292215

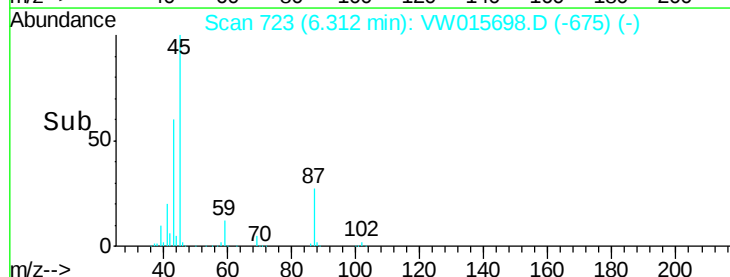
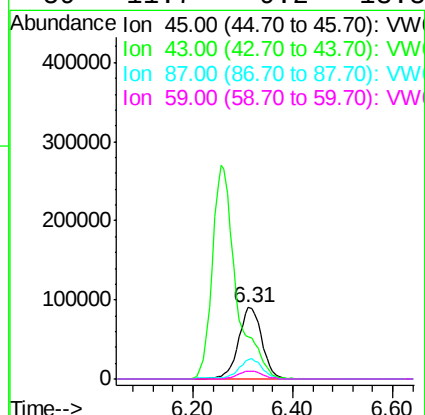
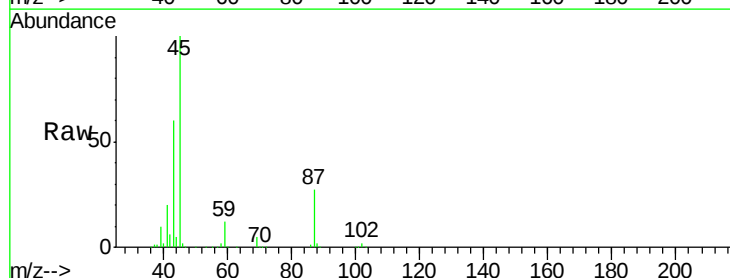
Ion Ratio Lower Upper

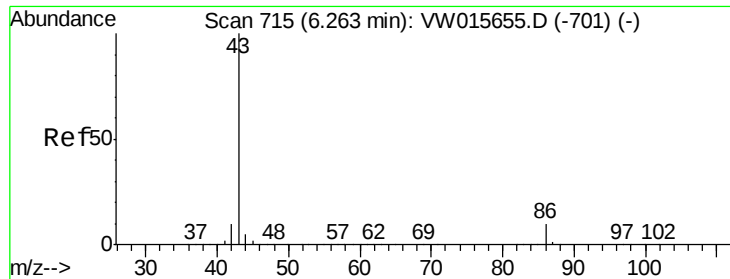
45 100

43 59.2 43.9 65.9

87 27.4 21.2 31.8

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 271.715 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

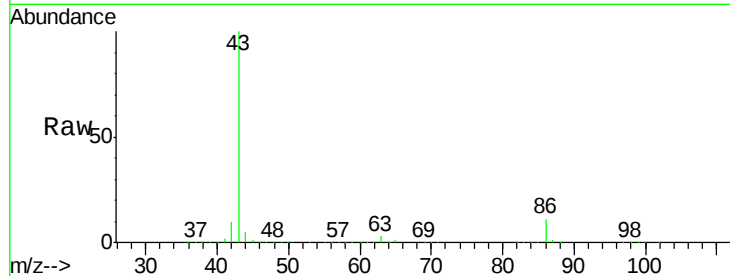
VSTDCCC050

Tgt Ion: 43 Resp: 896014

Ion Ratio Lower Upper

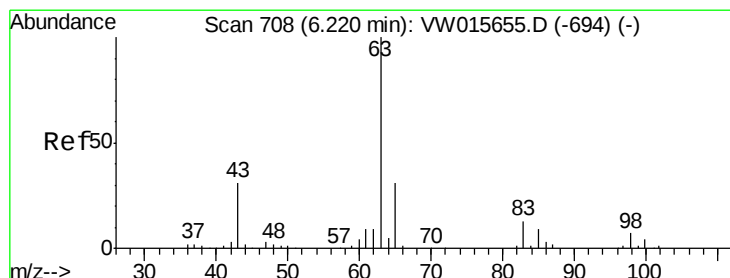
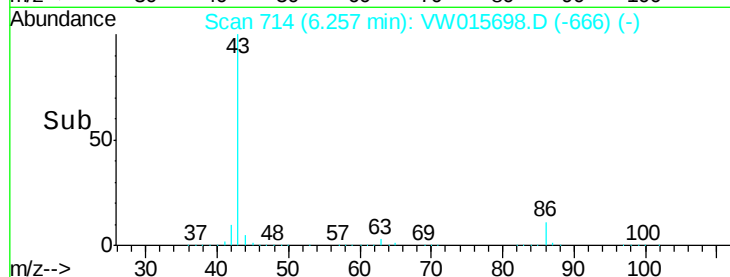
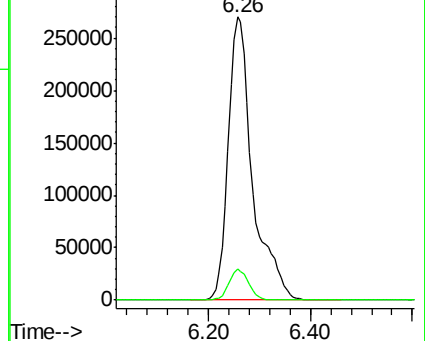
43 100

86 10.8 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: 50.904 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

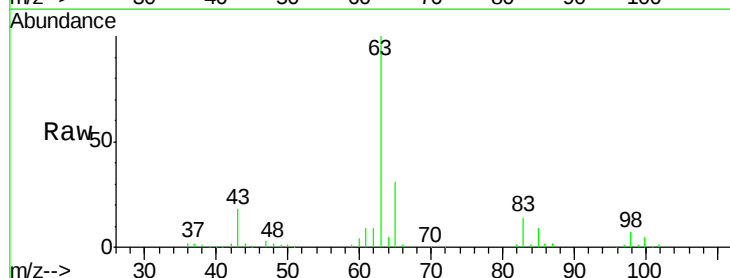
Tgt Ion: 63 Resp: 181195

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

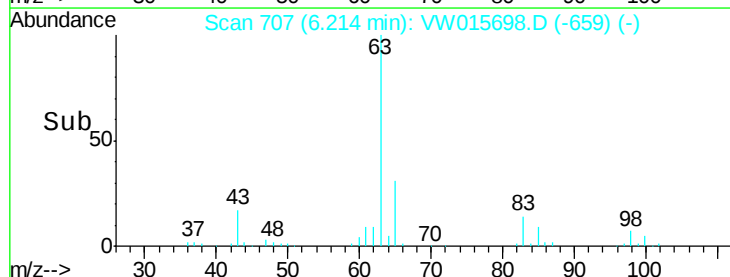
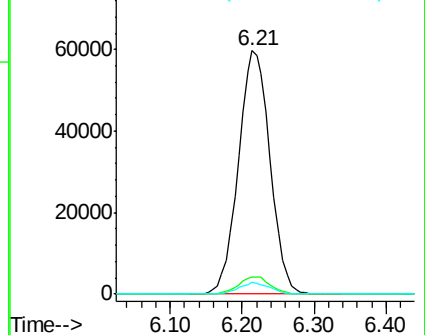
100 4.7 2.1 6.3

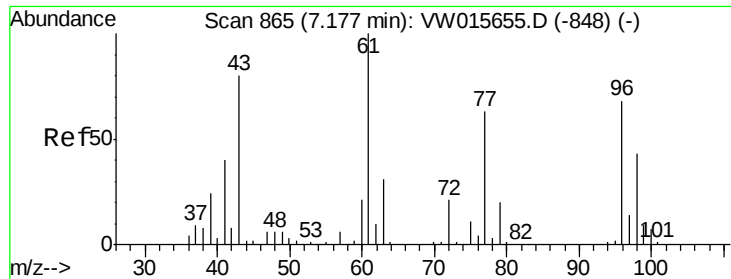


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

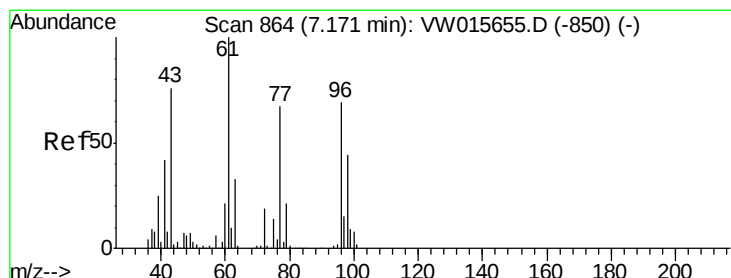
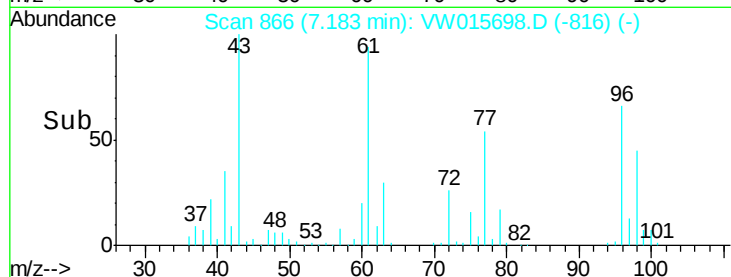
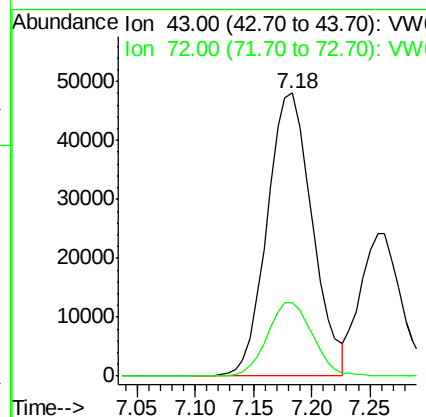
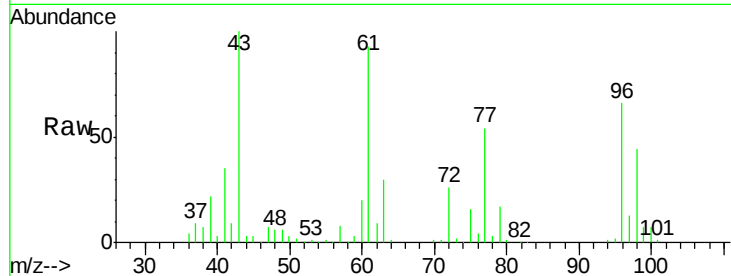




#25
2-Butanone
Concen: 250.680 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

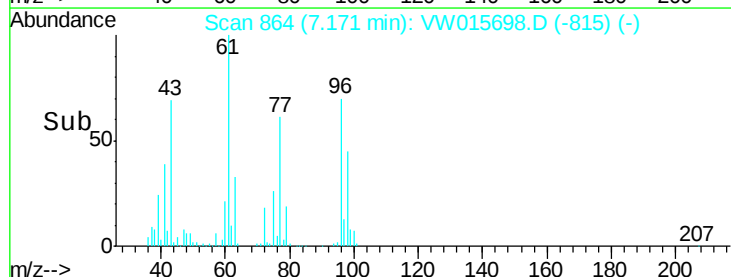
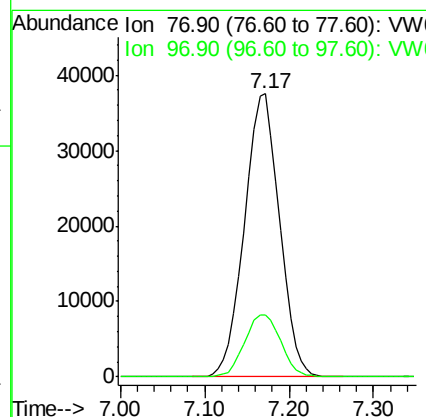
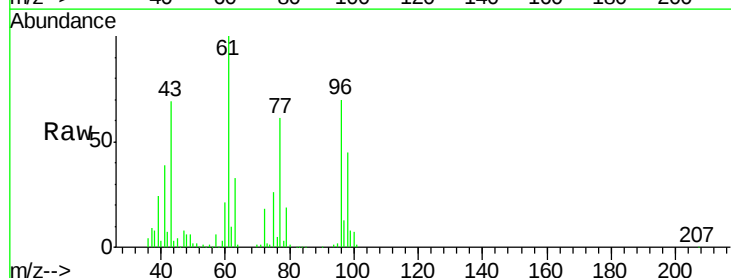
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

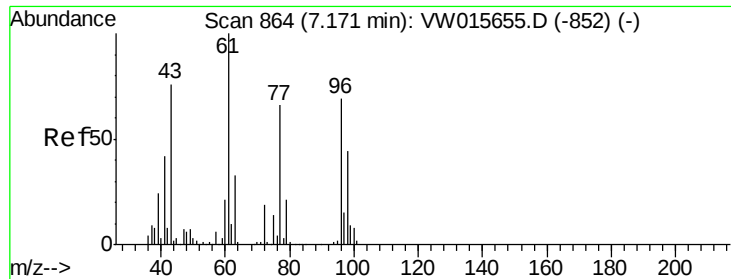
Tgt Ion: 43 Resp: 128743
Ion Ratio Lower Upper
43 100
72 26.0 21.1 31.7



#26
2,2-Dichloropropane
Concen: 44.343 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 77 Resp: 105866
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5



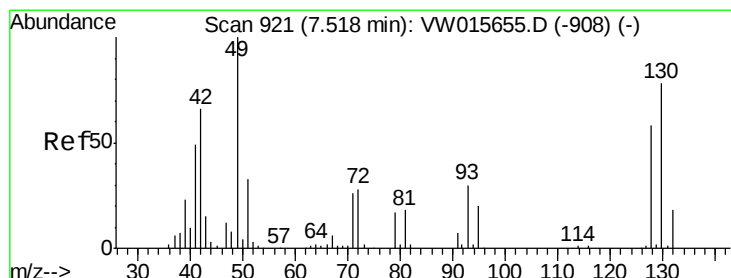
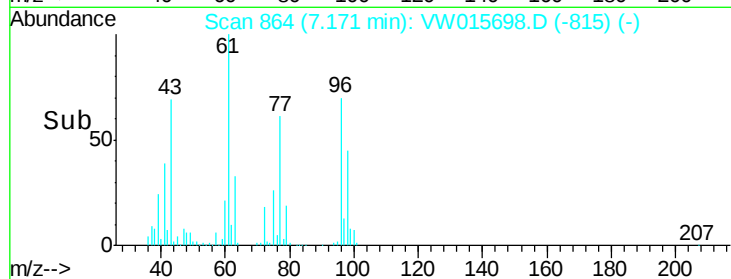
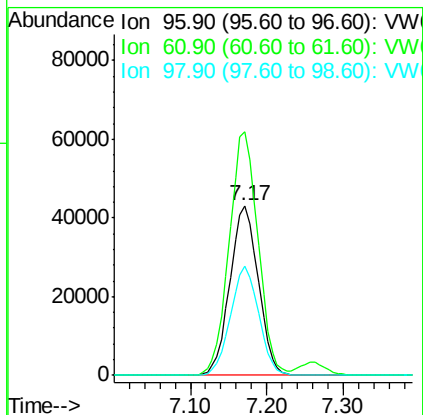
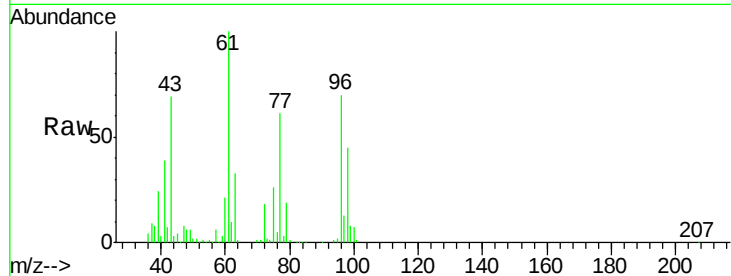


#27

cis-1,2-Dichloroethene
 Concen: 51.260 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

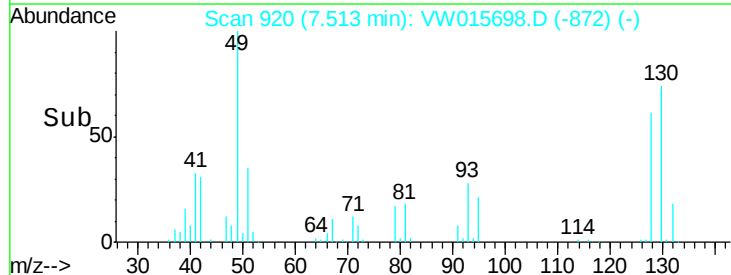
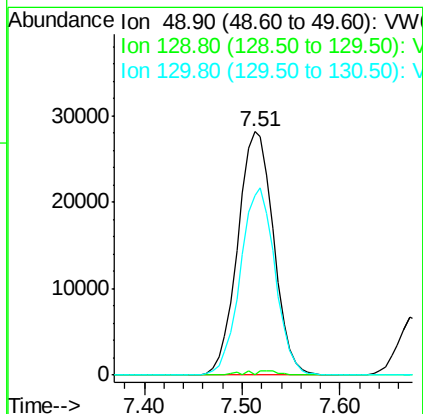
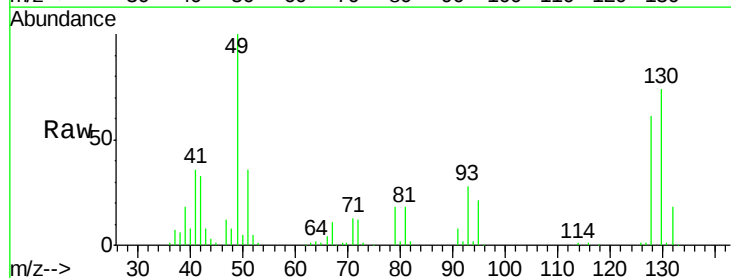
Tgt Ion: 96 Resp: 110792
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 296.8
 98 64.0 0.0 128.0

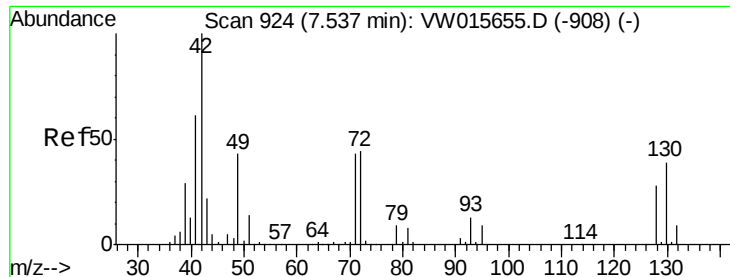


#28

Bromochloromethane
 Concen: 52.330 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 49 Resp: 71651
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.2
 130 74.9 61.0 91.4

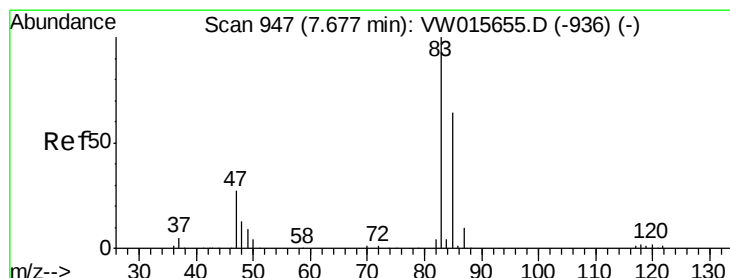
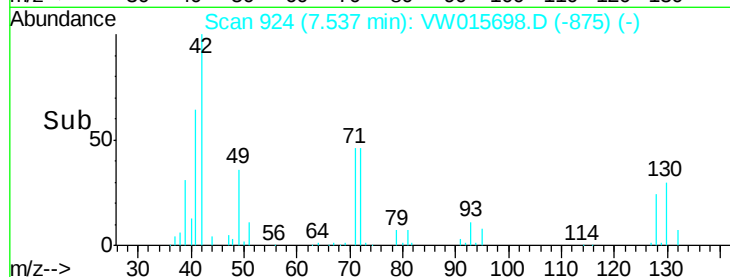
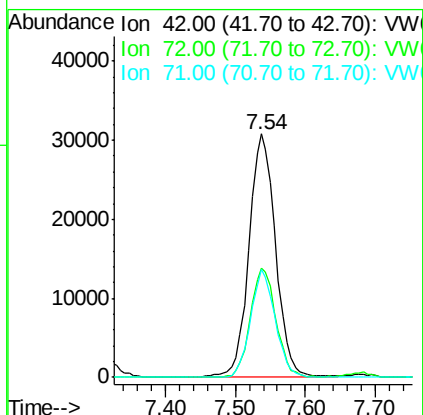
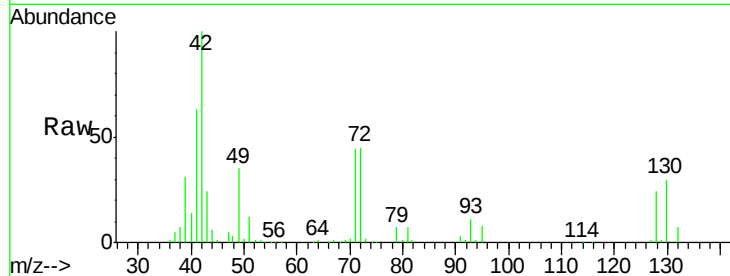




#29
Tetrahydrofuran
Concen: 270.148 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

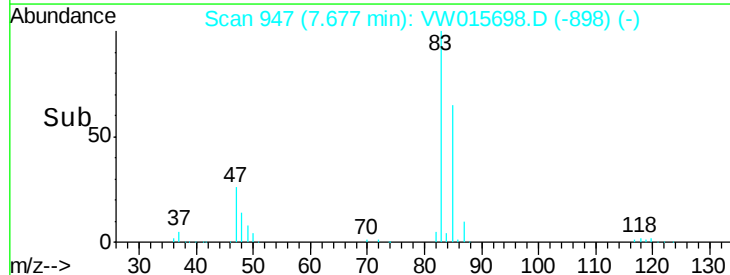
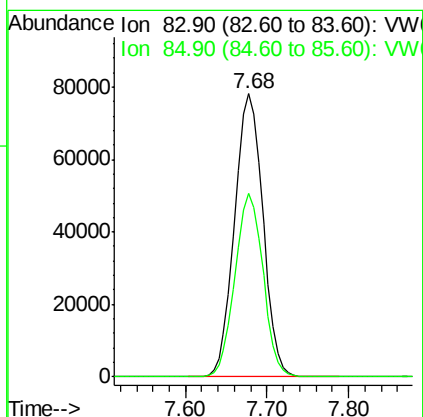
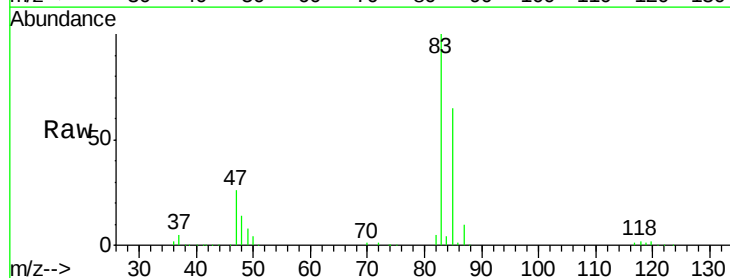
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

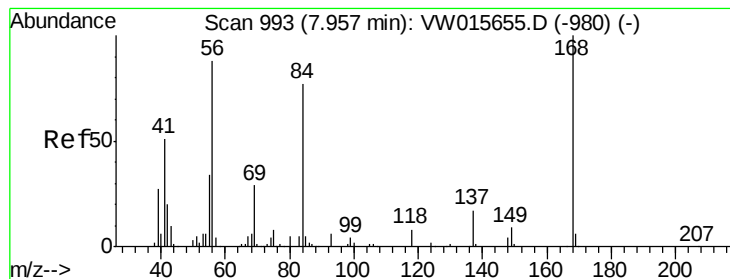
Tgt Ion: 42 Resp: 81530
Ion Ratio Lower Upper
42 100
72 43.2 35.0 52.6
71 41.1 32.6 49.0



#30
Chloroform
Concen: 51.426 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 83 Resp: 187732
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4





#31

Cyclohexane

Concen: 46.702 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

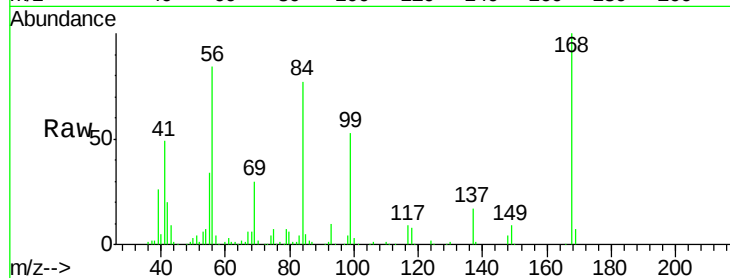
Tgt Ion: 56 Resp: 160805

Ion Ratio Lower Upper

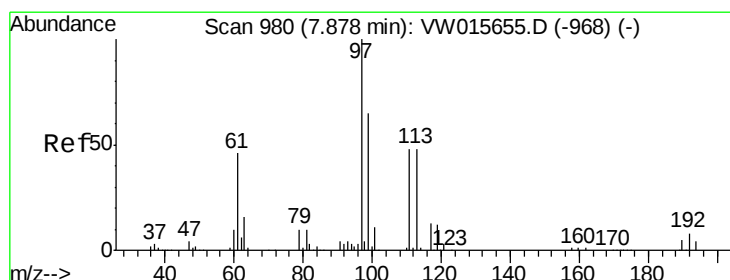
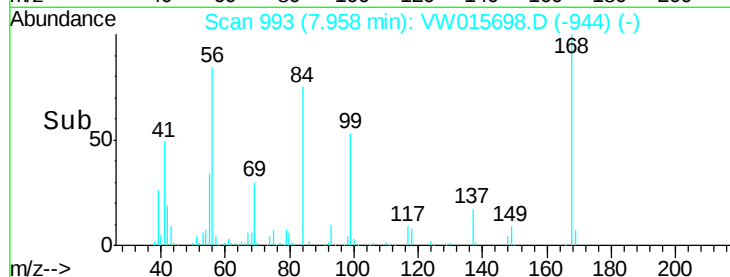
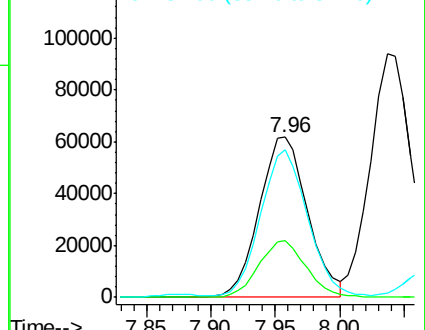
56 100

69 35.8 26.2 39.4

84 90.4 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: 50.023 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

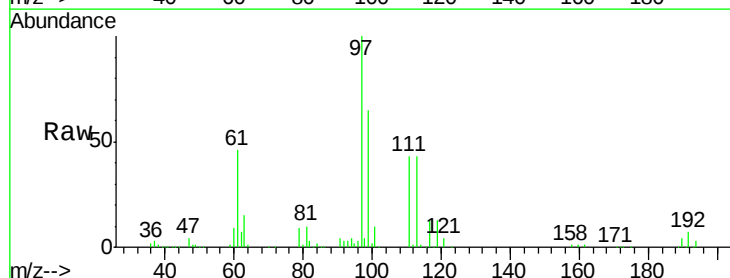
Tgt Ion: 97 Resp: 155662

Ion Ratio Lower Upper

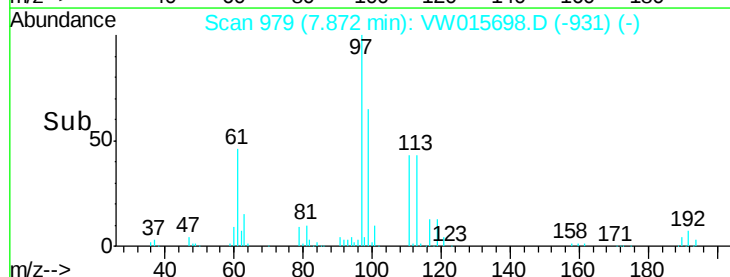
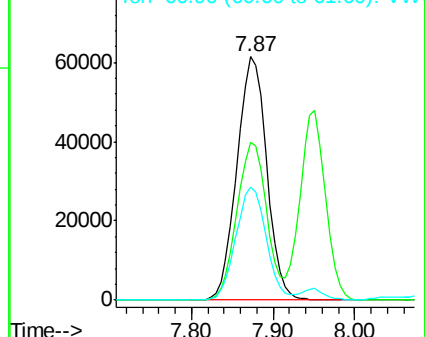
97 100

99 65.4 51.9 77.9

61 46.9 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: 53.852 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

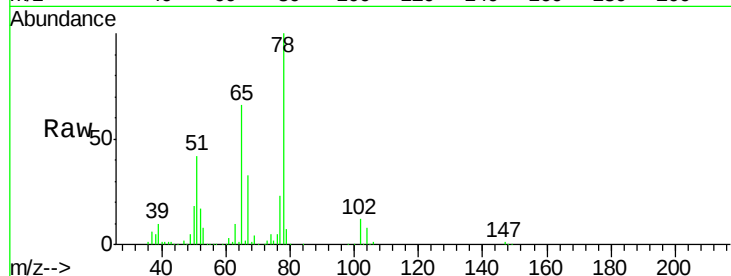
VSTDCCC050

Tgt Ion: 65 Resp: 107644

Ion Ratio Lower Upper

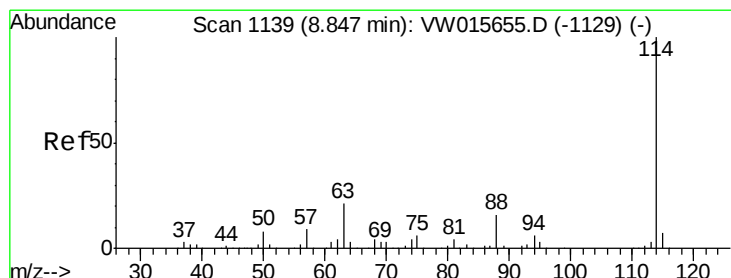
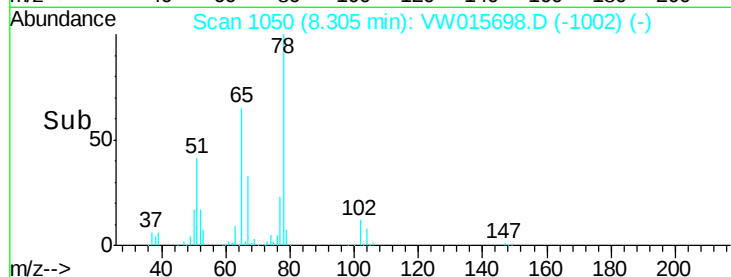
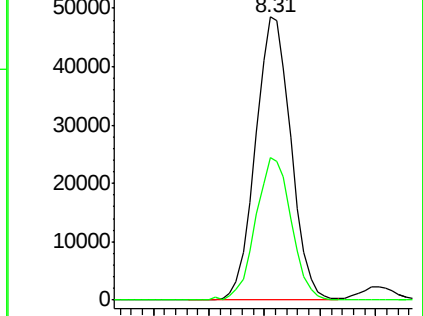
65 100

67 50.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

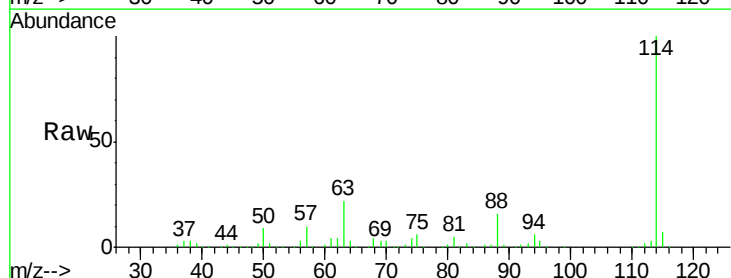
Tgt Ion: 114 Resp: 283151

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.4

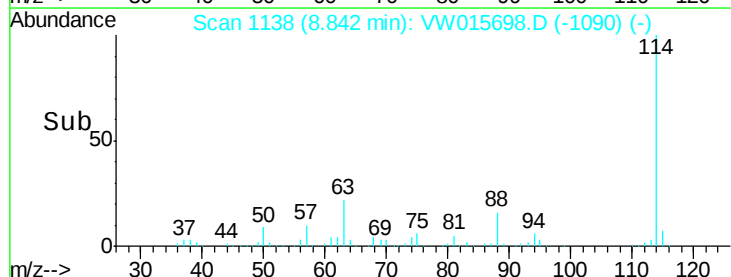
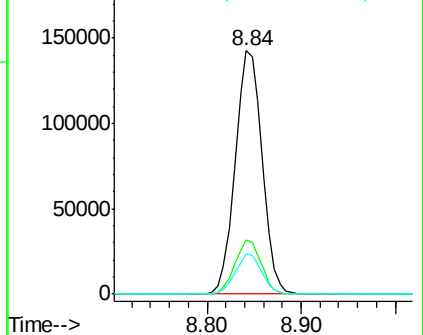
88 16.4 0.0 32.6

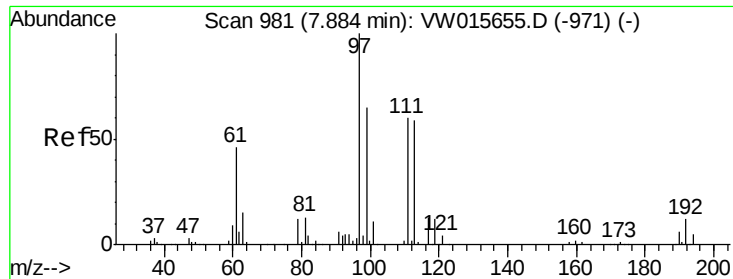


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

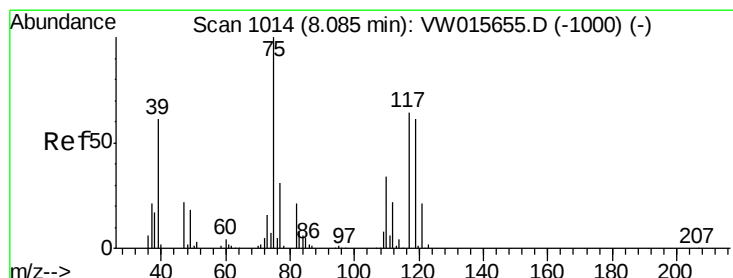
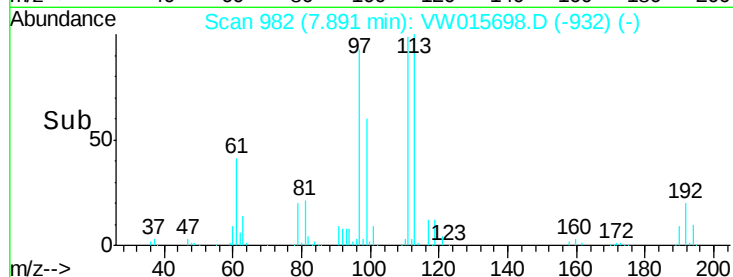
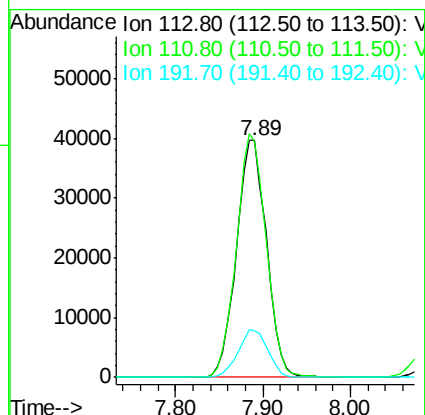
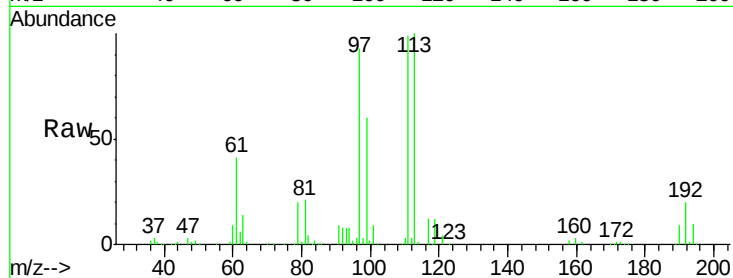




#35
 Dibromofluoromethane
 Concen: 53.244 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

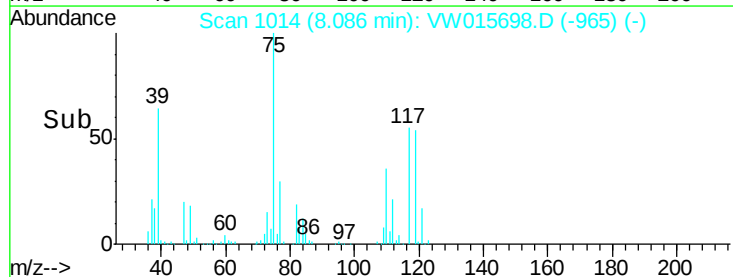
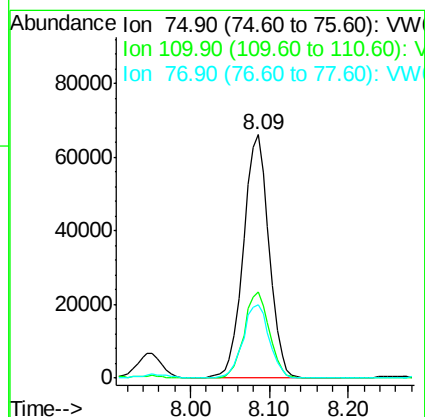
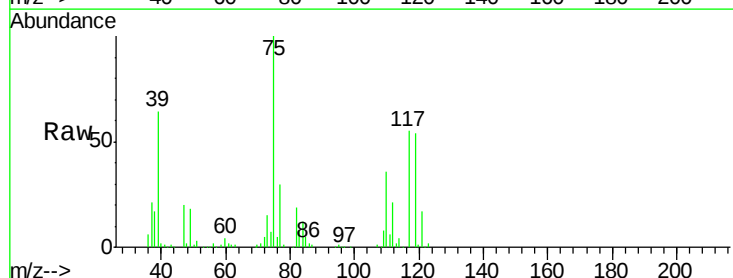
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

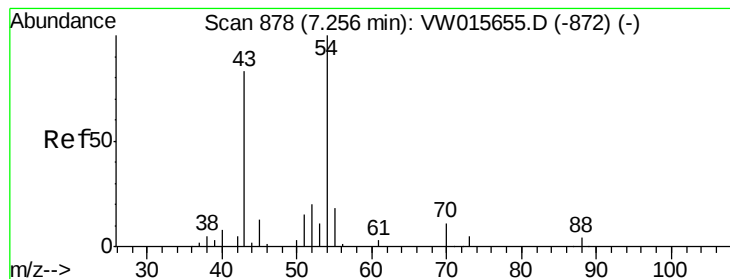
Tgt Ion:113 Resp: 94833
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 19.8 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 50.715 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 75 Resp: 149359
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.0 51.0
 77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 53.433 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

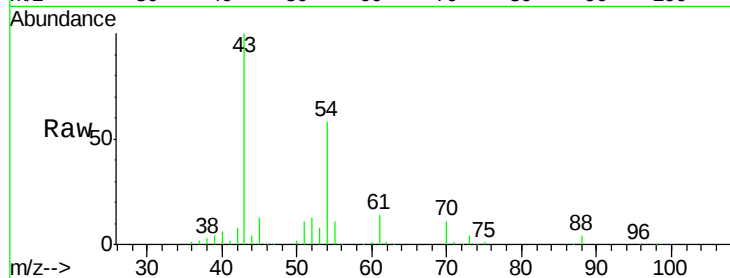
Tgt Ion: 43 Resp: 60085

Ion Ratio Lower Upper

43 100

61 13.8 10.4 15.6

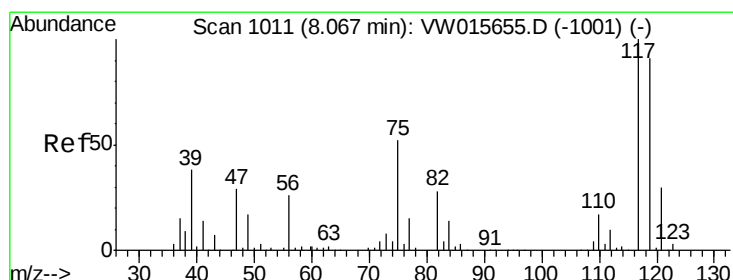
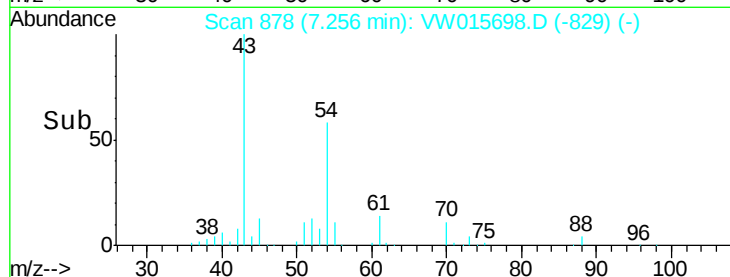
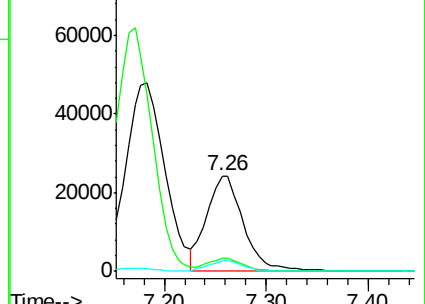
70 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 50.654 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

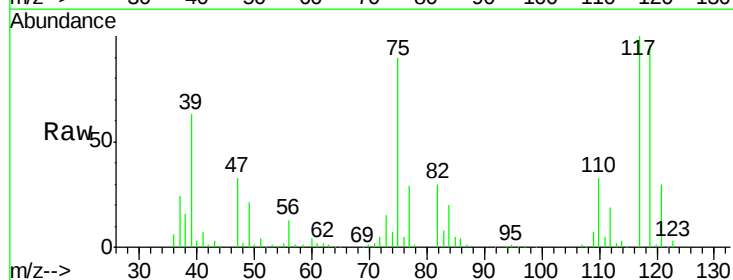
Tgt Ion: 117 Resp: 144606

Ion Ratio Lower Upper

117 100

119 96.4 73.2 109.8

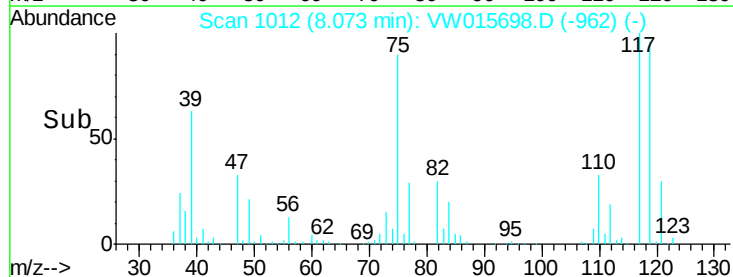
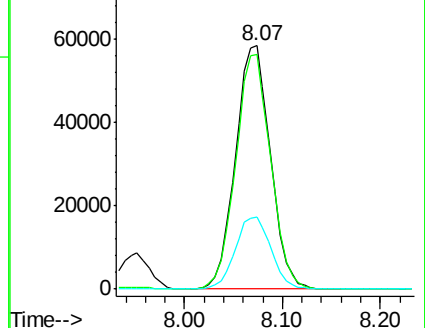
121 29.7 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

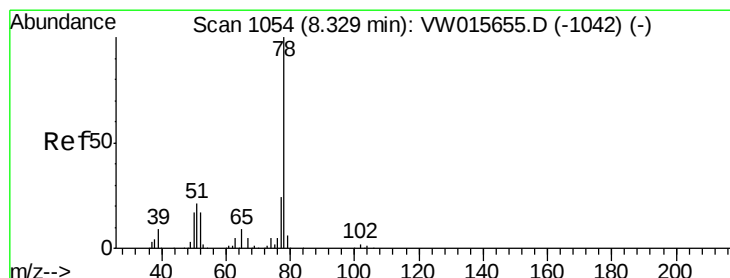
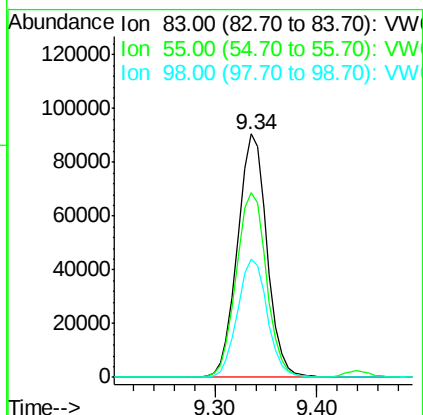
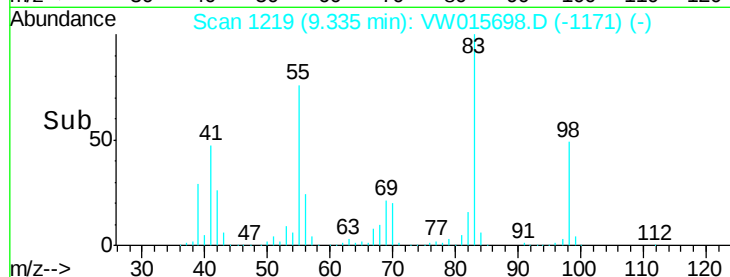
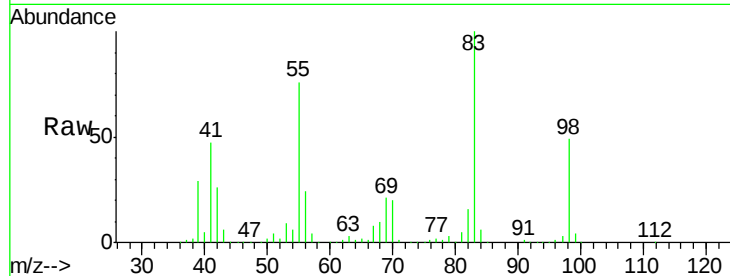




#39
Methylcyclohexane
Concen: 50.822 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

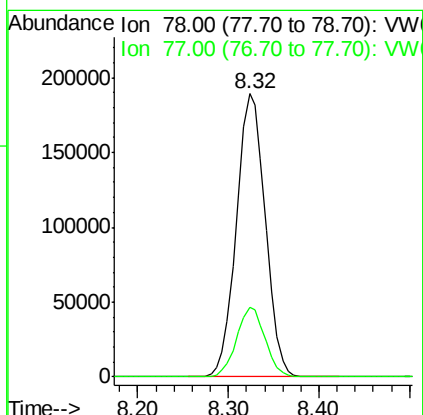
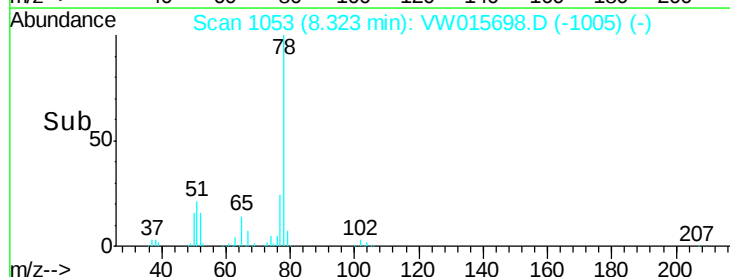
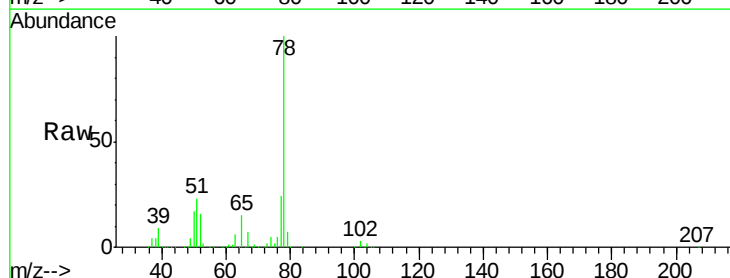
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

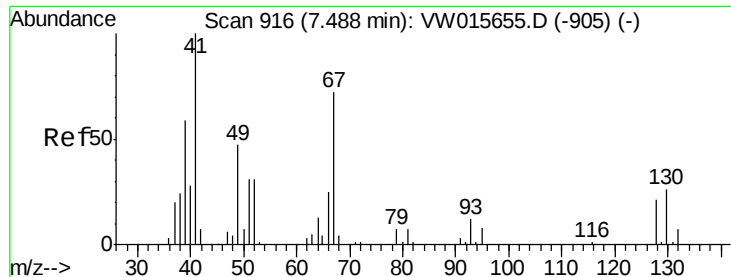
Tgt Ion: 83 Resp: 181287
Ion Ratio Lower Upper
83 100
55 75.8 62.8 94.2
98 48.6 39.9 59.9



#40
Benzene
Concen: 52.142 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 78 Resp: 417547
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41

Methacrylonitrile

Concen: 52.562 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 33922

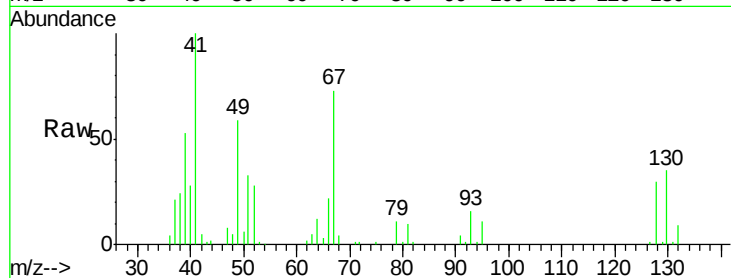
Ion Ratio Lower Upper

41 100

39 62.2 52.0 78.0

67 74.6 57.5 86.3

52 32.9 26.5 39.7

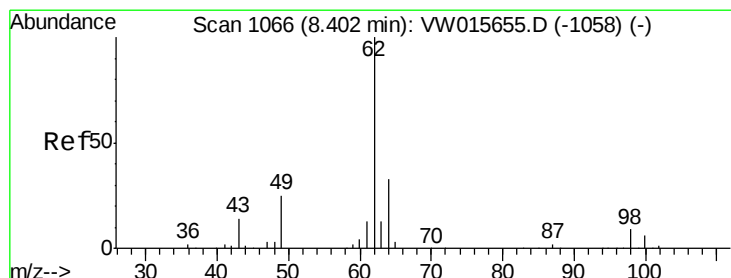
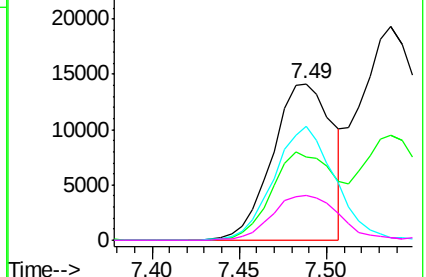
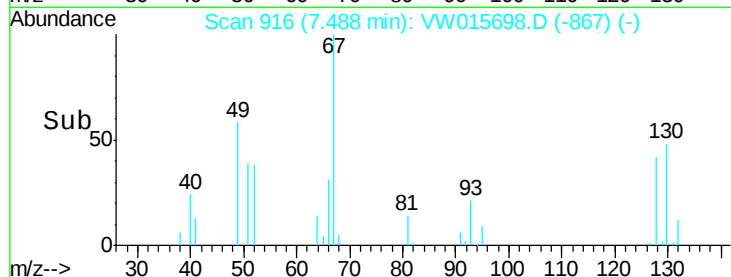


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 52.933 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015698.D

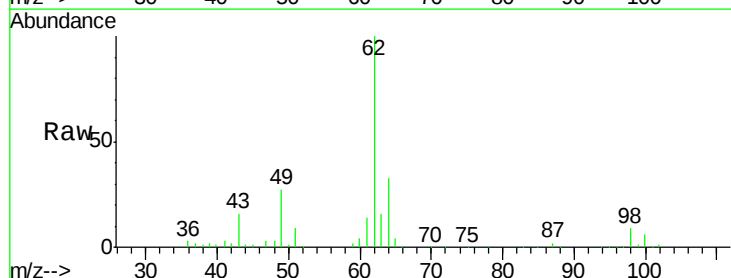
Acq: 24 Jun 2020 22:12

Tgt Ion: 62 Resp: 131133

Ion Ratio Lower Upper

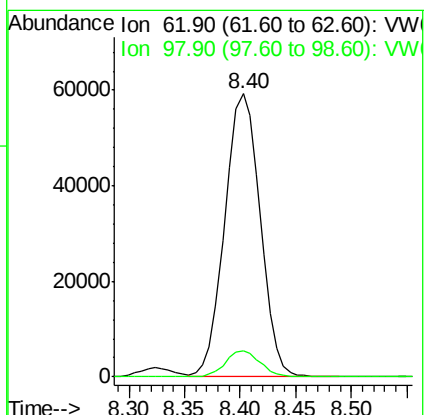
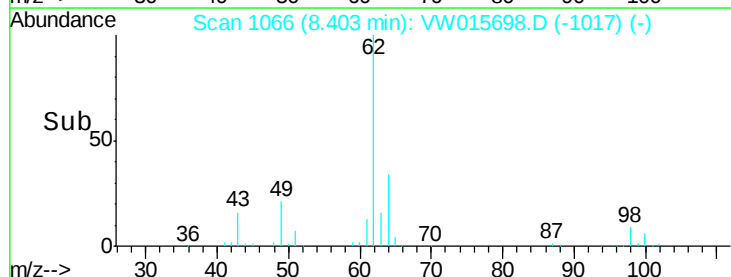
62 100

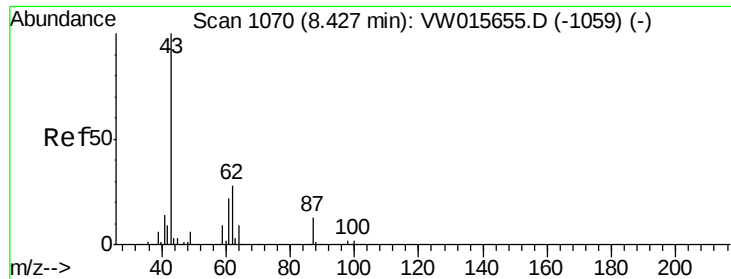
98 9.0 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.028 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

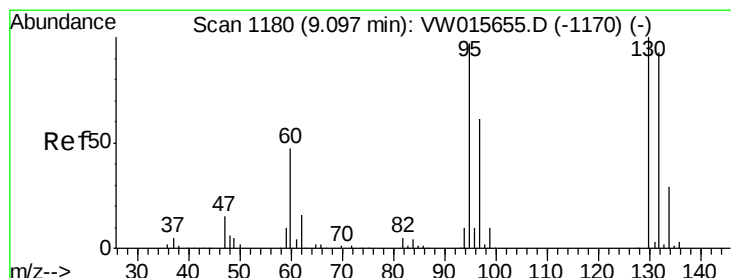
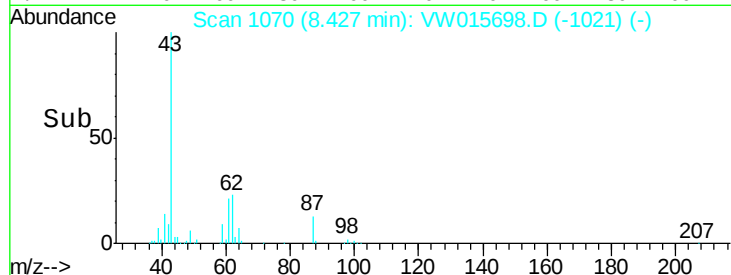
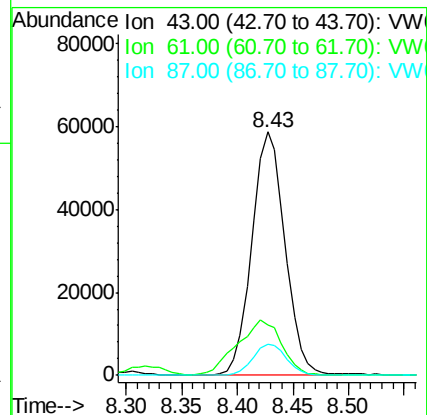
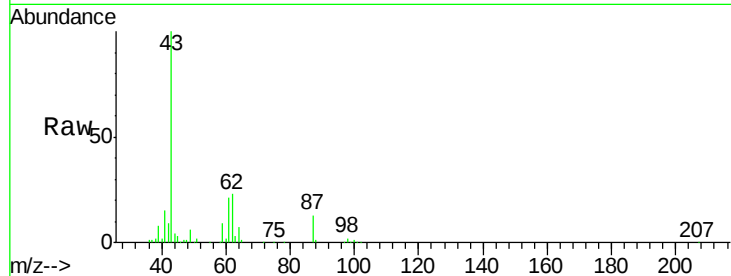
Tgt Ion: 43 Resp: 121238

Ion Ratio Lower Upper

43 100

61 30.7 24.7 37.1

87 13.2 10.2 15.2



#44

Trichloroethene

Concen: 50.619 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015698.D

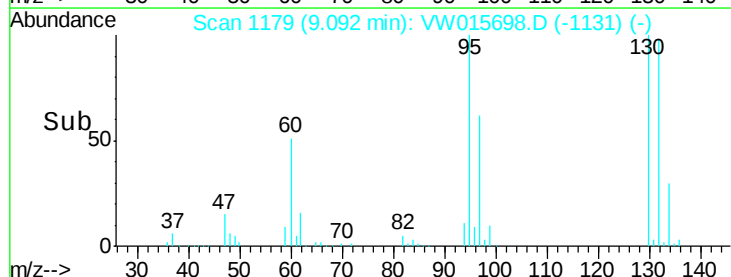
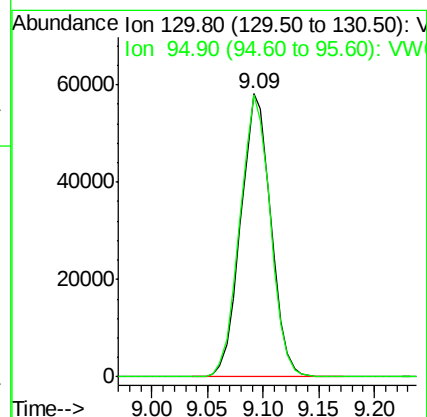
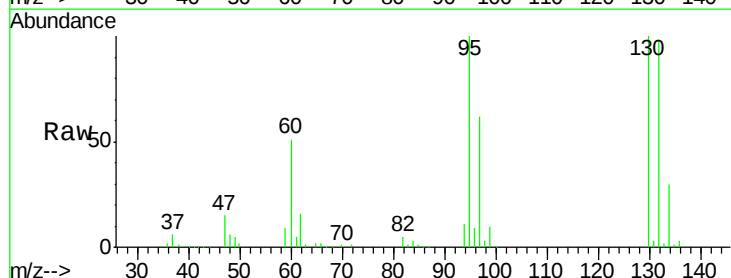
Acq: 24 Jun 2020 22:12

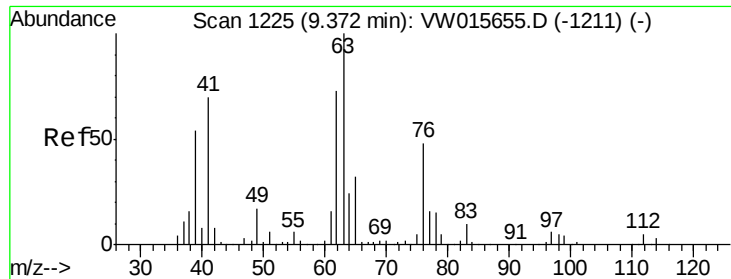
Tgt Ion: 130 Resp: 109256

Ion Ratio Lower Upper

130 100

95 99.7 0.0 194.4

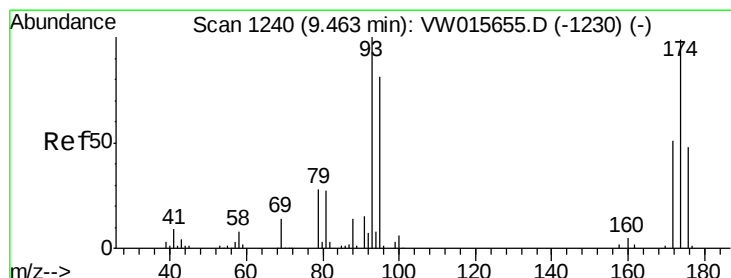
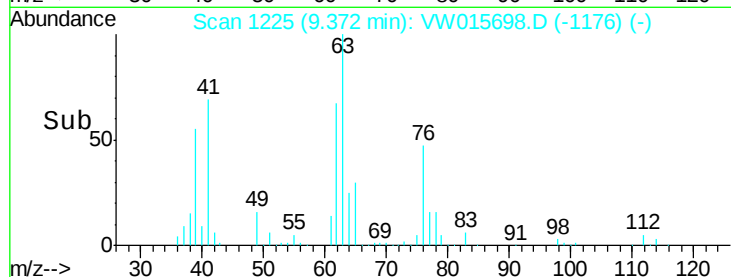
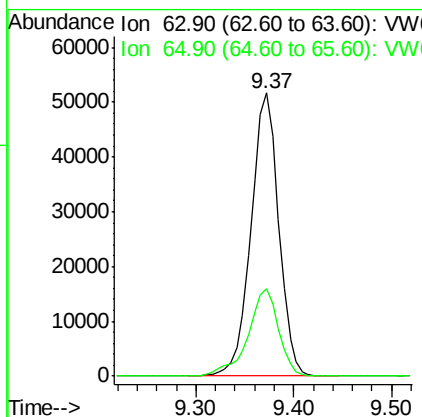
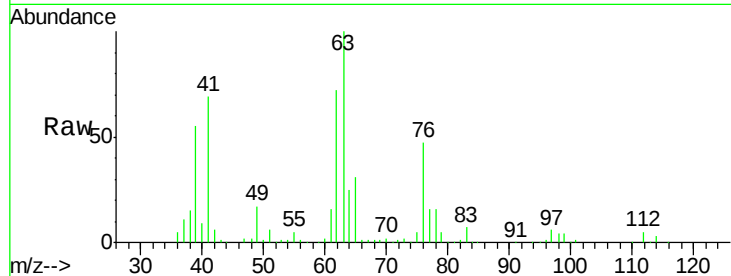




#45
 1,2-Dichloropropane
 Concen: 51.902 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

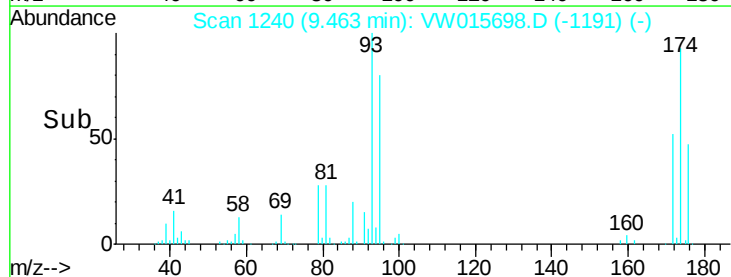
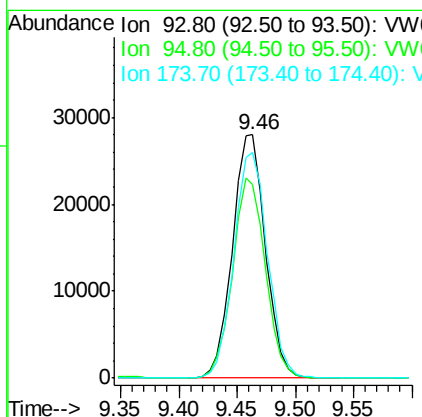
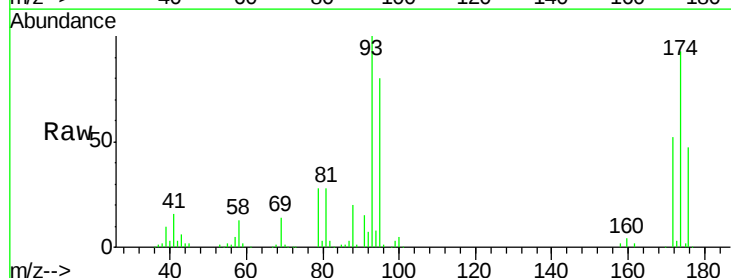
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

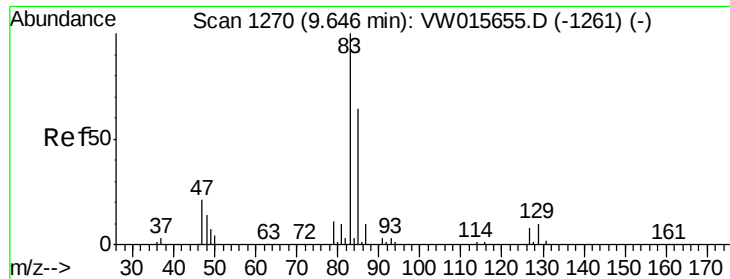
Tgt Ion: 63 Resp: 101591
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.3 37.9



#46
 Dibromomethane
 Concen: 54.581 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 93 Resp: 55276
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.7 98.5
 174 94.6 79.0 118.6

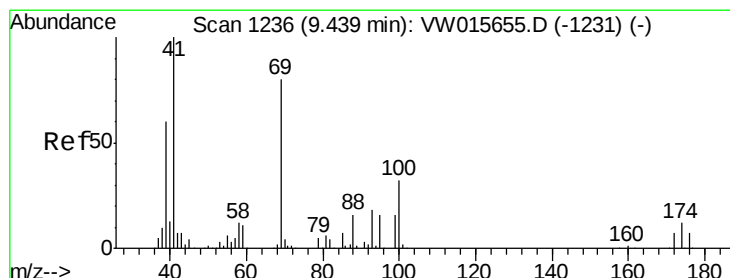
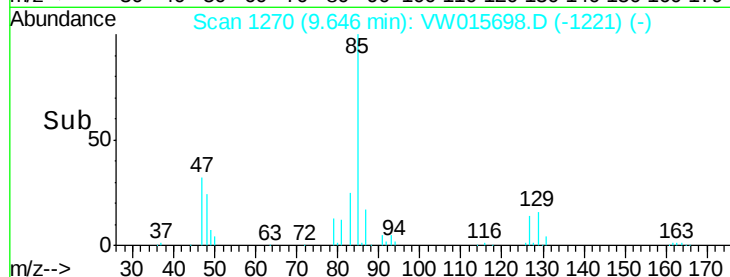
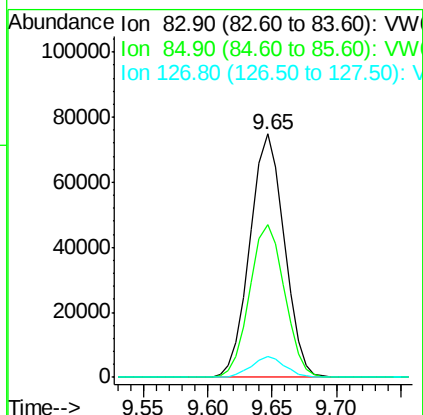
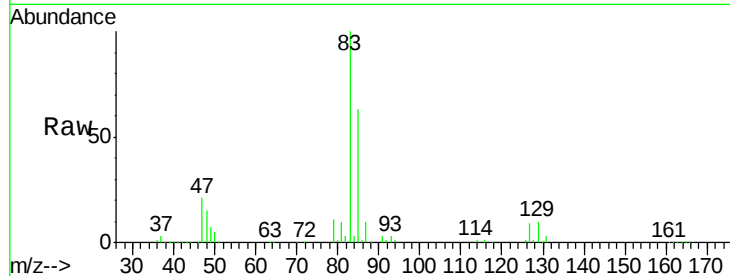




#47
 Bromodichloromethane
 Concen: 52.398 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

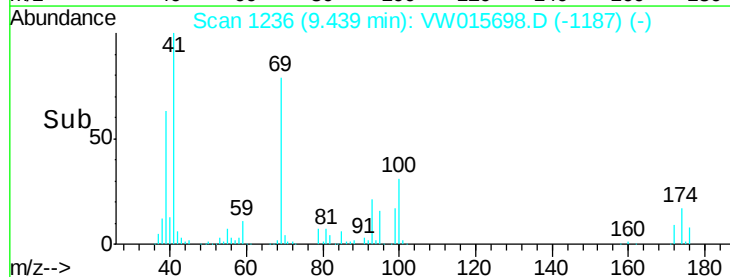
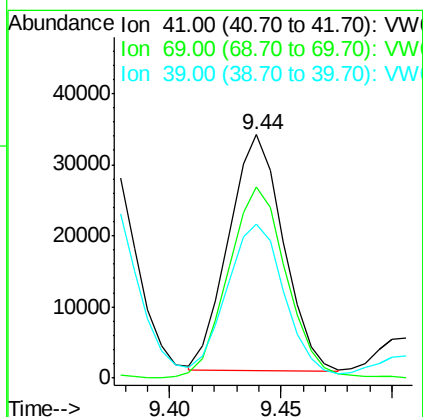
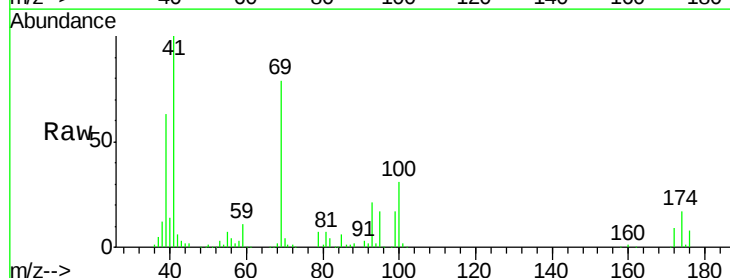
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

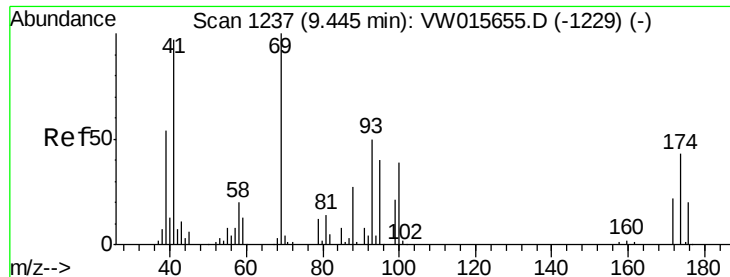
Tgt Ion: 83 Resp: 138416
 Ion Ratio Lower Upper
 83 100
 85 62.6 50.8 76.2
 127 8.6 6.3 9.5



#48
 Methyl methacrylate
 Concen: 54.961 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 41 Resp: 56386
 Ion Ratio Lower Upper
 41 100
 69 87.2 68.2 102.2
 39 69.8 49.8 74.6





#49

1,4-Dioxane

Concen: 1213.445 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

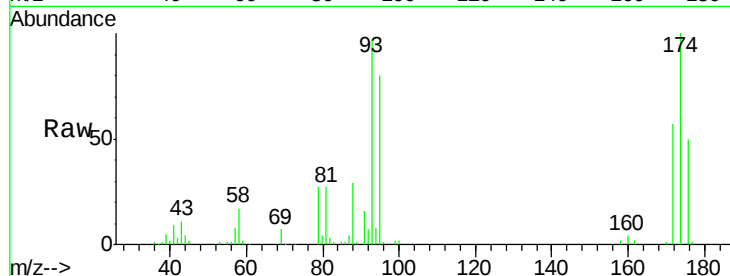
Tgt Ion: 88 Resp: 16121

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

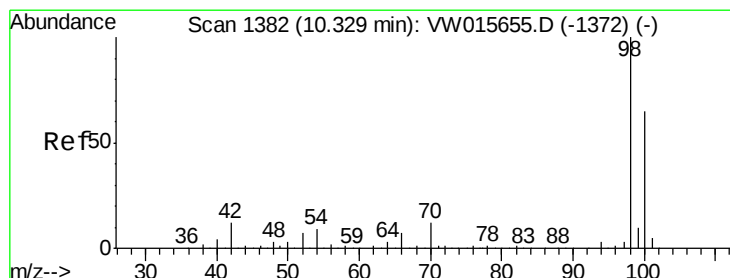
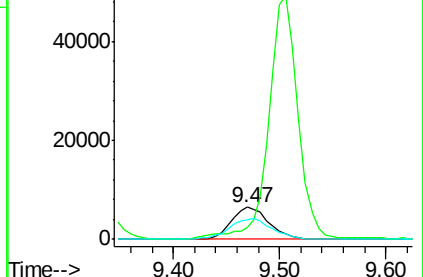
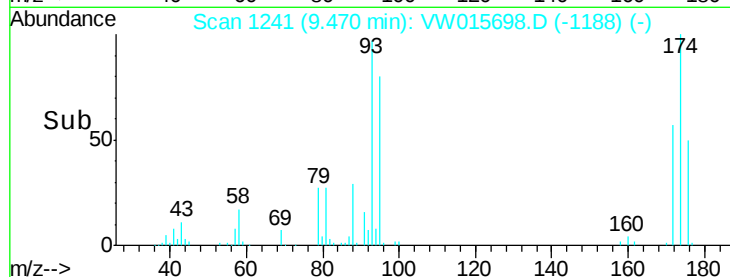
58 72.8 56.1 84.1



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: 53.307 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015698.D

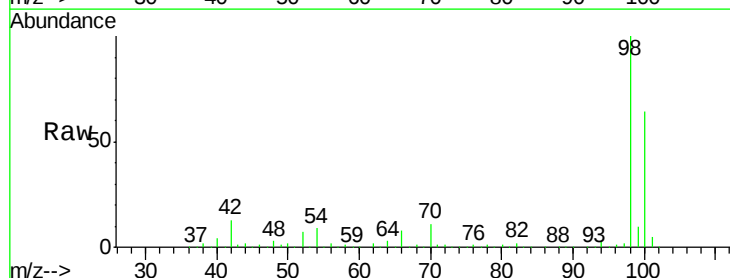
Acq: 24 Jun 2020 22:12

Tgt Ion: 98 Resp: 373645

Ion Ratio Lower Upper

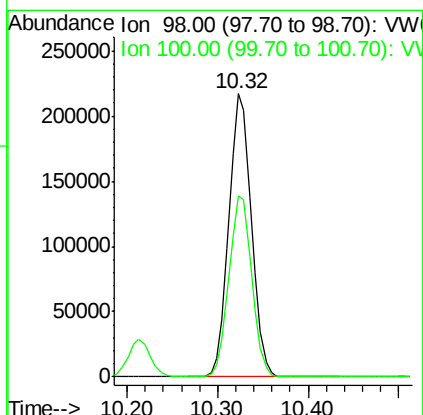
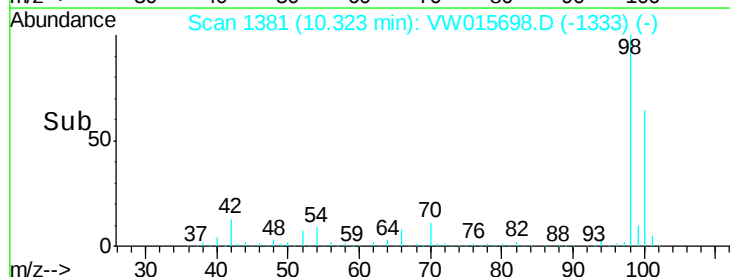
98 100

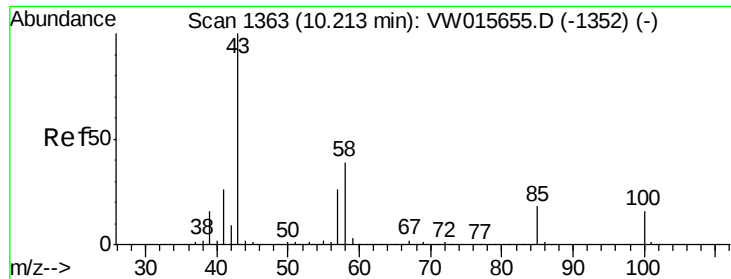
100 64.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

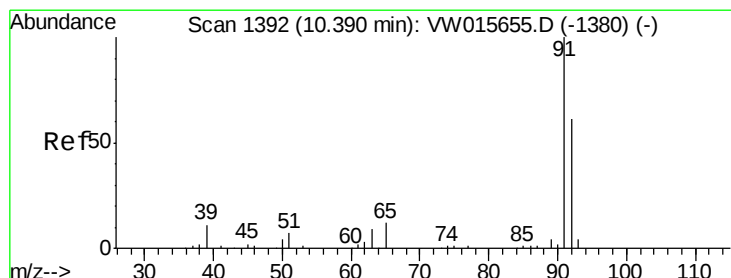
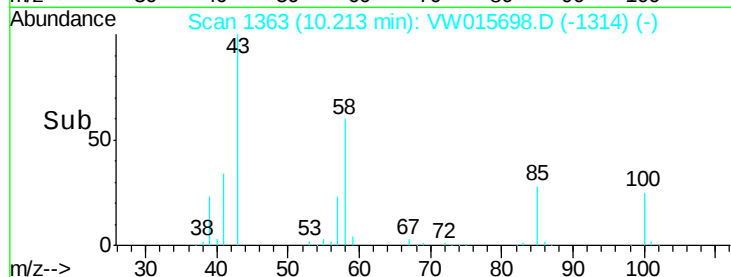
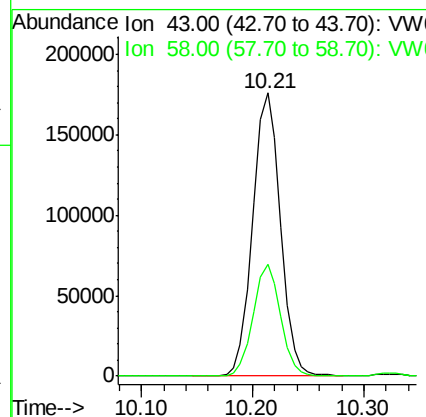
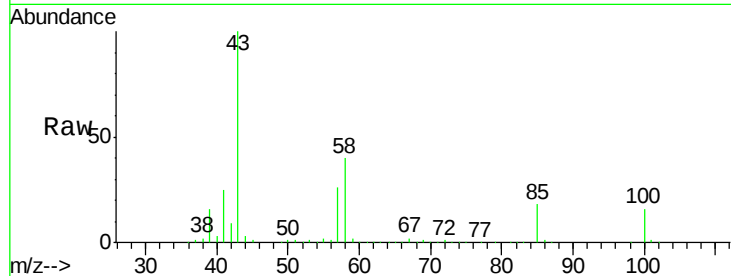




#51
4-Methyl-2-Pentanone
Concen: 282.124 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

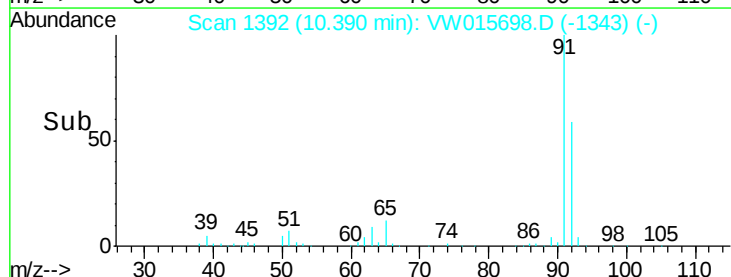
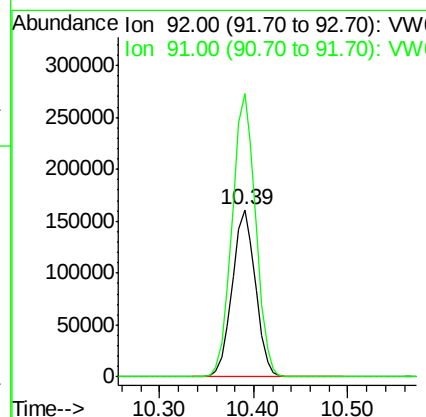
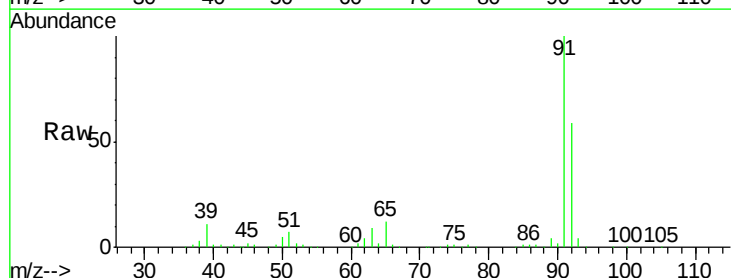
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

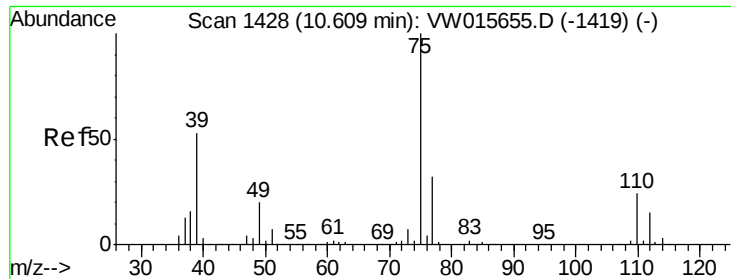
Tgt Ion: 43 Resp: 305307
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8



#52
Toluene
Concen: 52.881 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 92 Resp: 273432
Ion Ratio Lower Upper
92 100
91 172.6 135.5 203.3

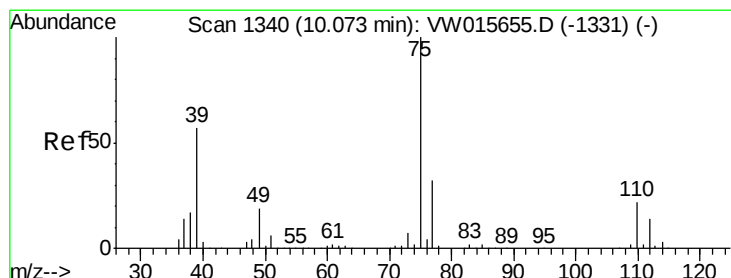
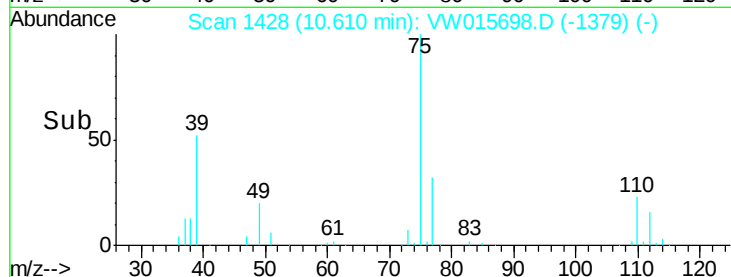
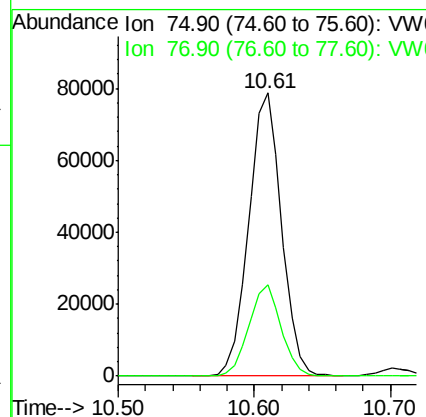
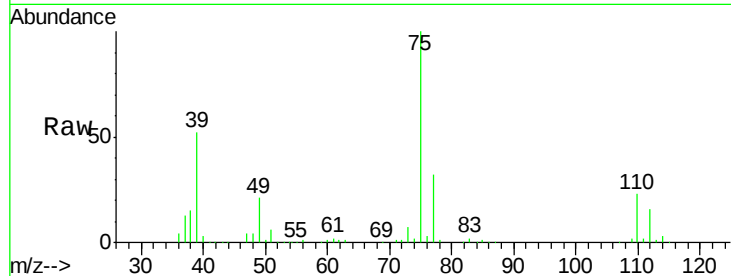




#53
 t-1,3-Dichloropropene
 Concen: 51.983 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

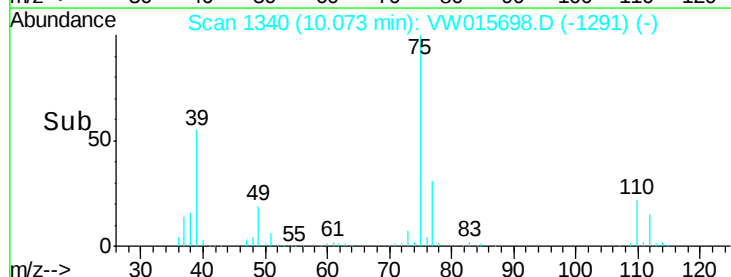
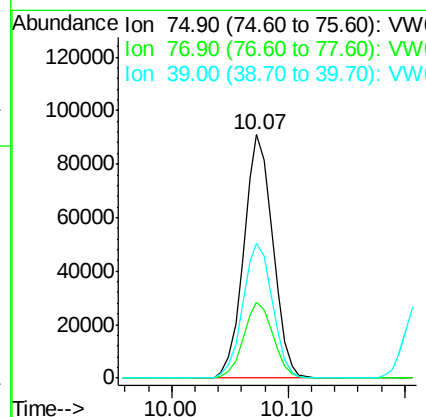
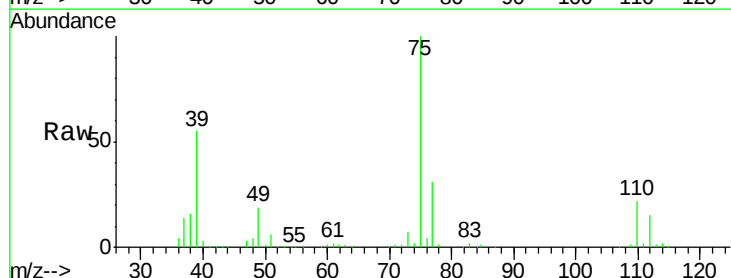
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

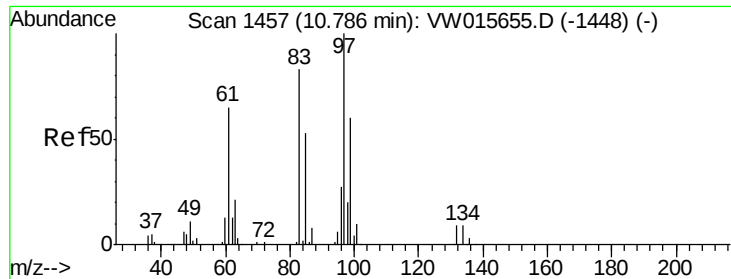
Tgt Ion: 75 Resp: 132660
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.934 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 75 Resp: 158331
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2
 39 55.4 45.8 68.6

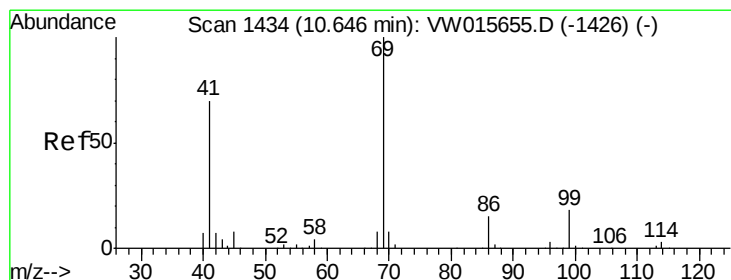
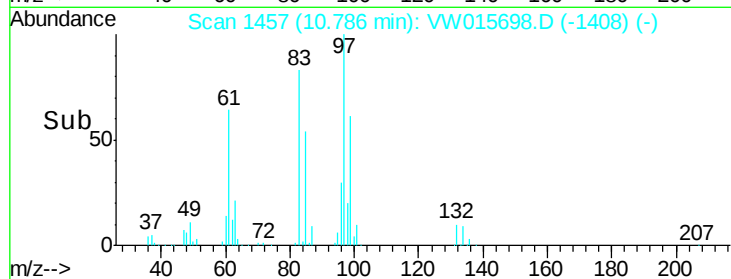
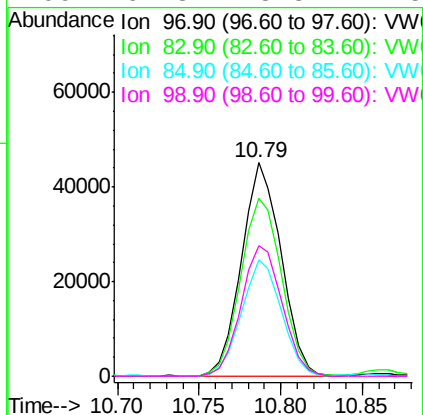
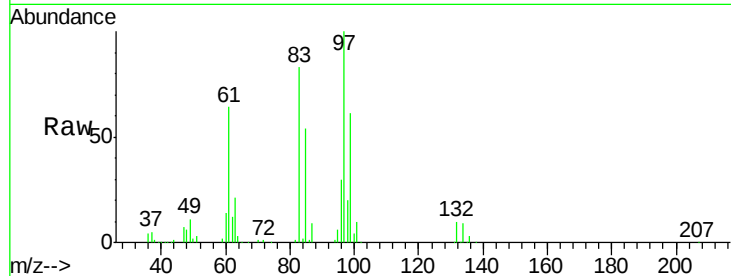




#55
 1,1,2-Trichloroethane
 Concen: 54.073 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

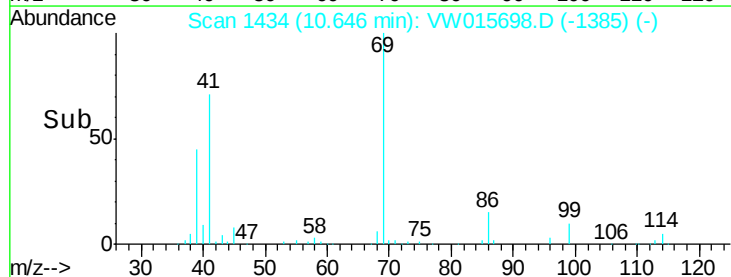
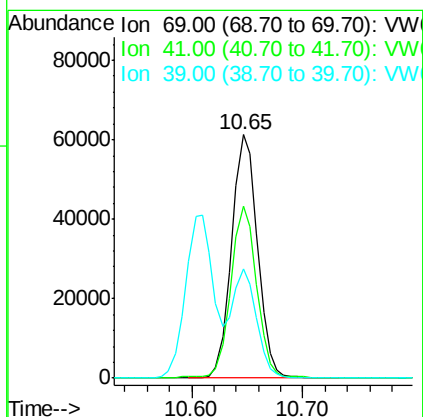
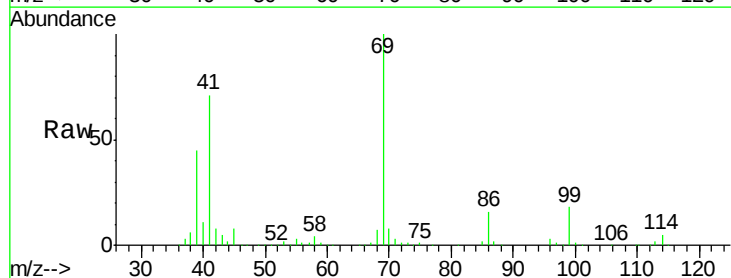
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

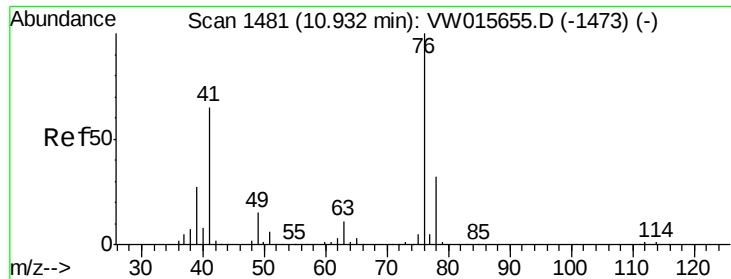
Tgt Ion:	97	Resp:	76139
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.3	99.5
85	54.4	42.5	63.7
99	61.3	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 56.514 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion:	69	Resp:	99013
Ion	Ratio	Lower	Upper
69	100		
41	71.4	55.8	83.6
39	42.5	29.5	44.3

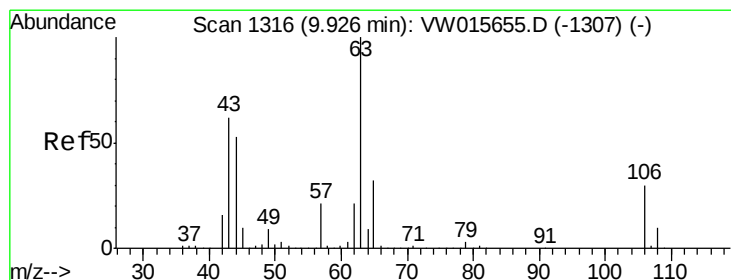
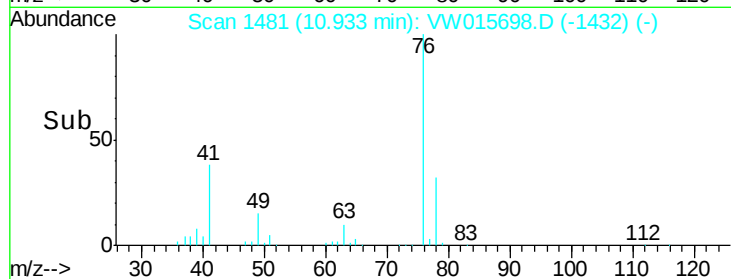
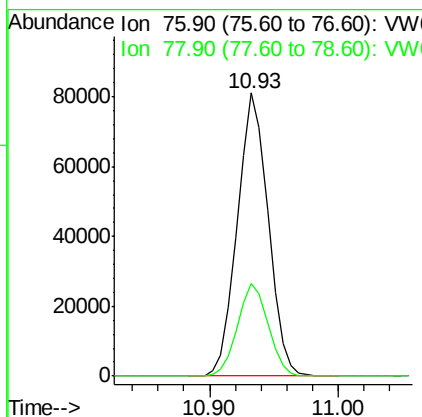
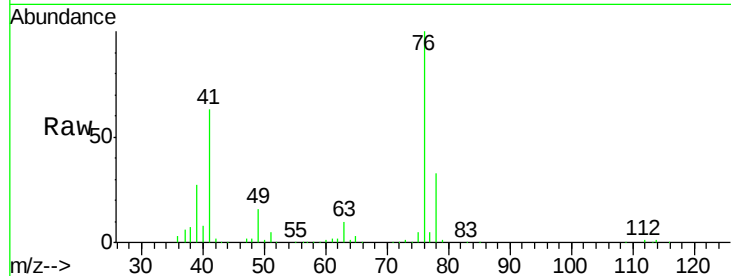




#57
 1,3-Dichloropropane
 Concen: 53.894 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

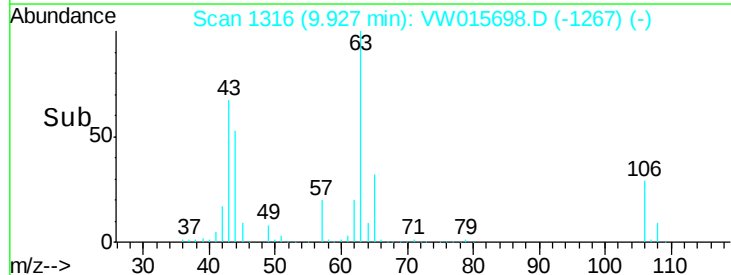
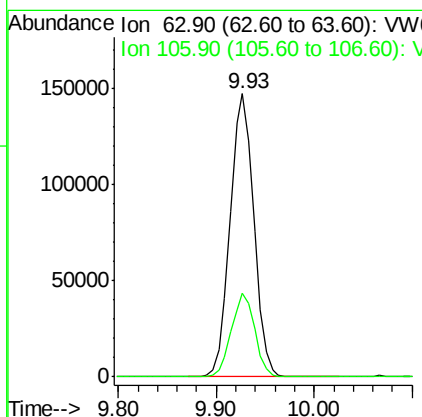
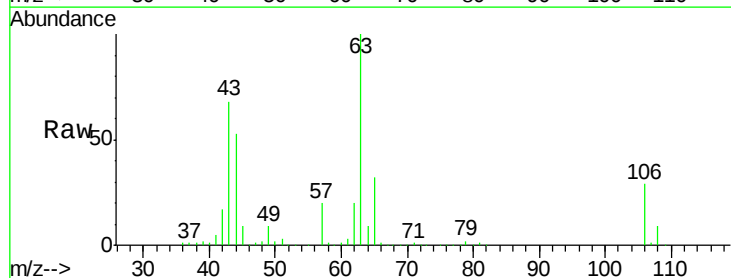
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

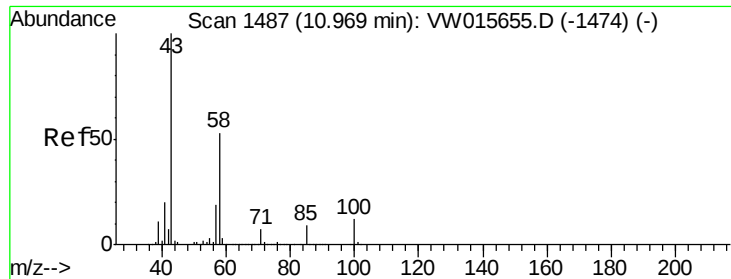
Tgt Ion: 76 Resp: 134533
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 299.165 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion: 63 Resp: 248033
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9

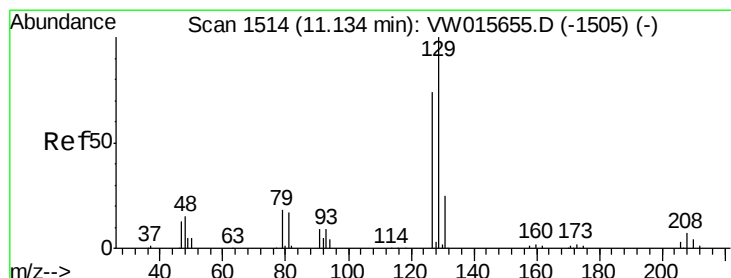
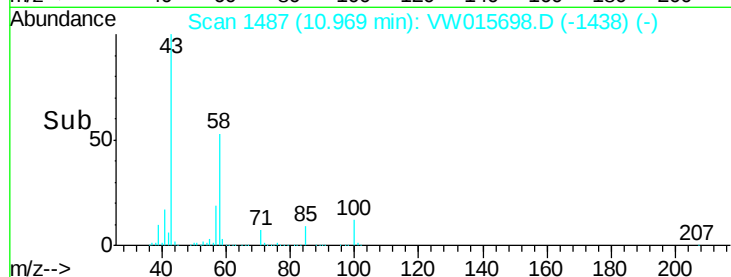
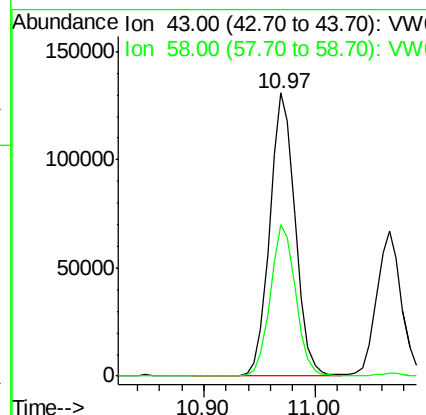
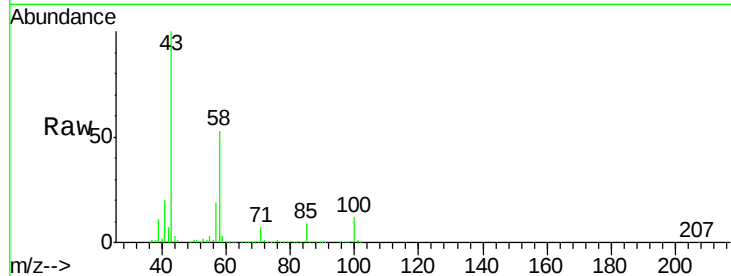




#59
2-Hexanone
Concen: 283.445 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

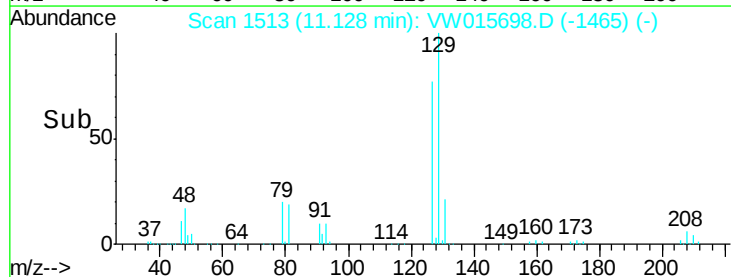
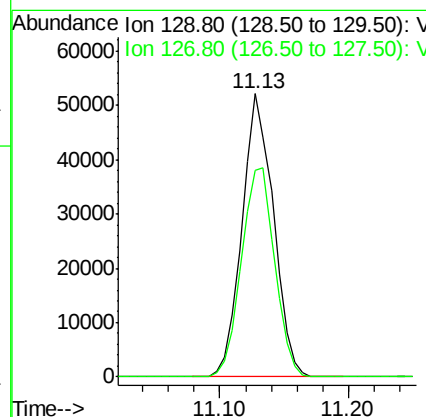
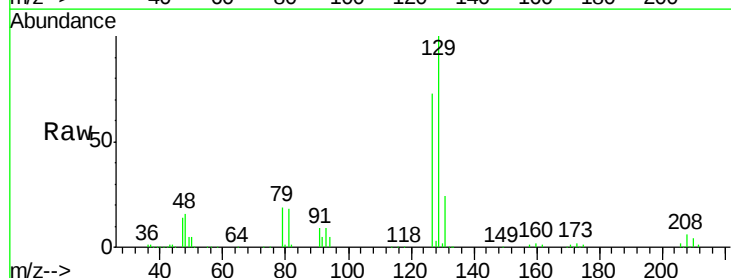
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

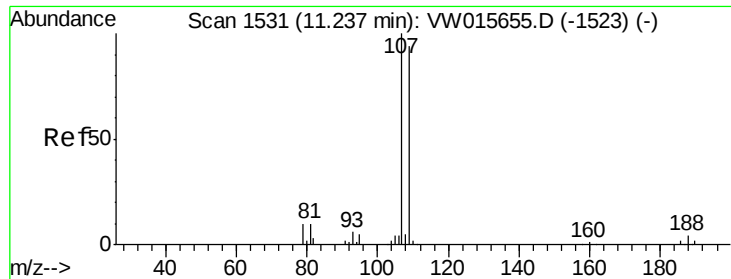
Tgt Ion: 43 Resp: 208824
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.4



#60
Dibromochloromethane
Concen: 53.629 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 129 Resp: 87998
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 54.423 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

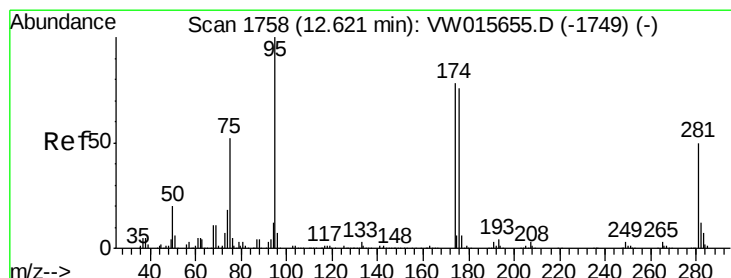
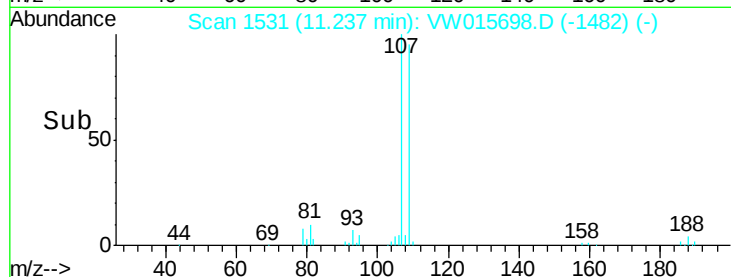
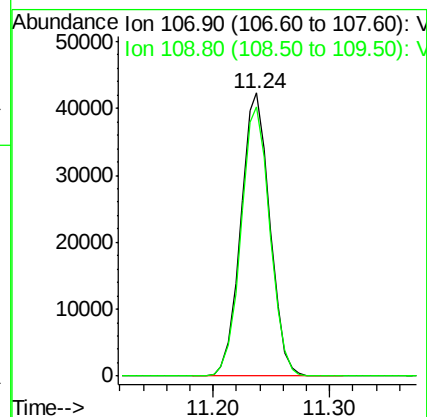
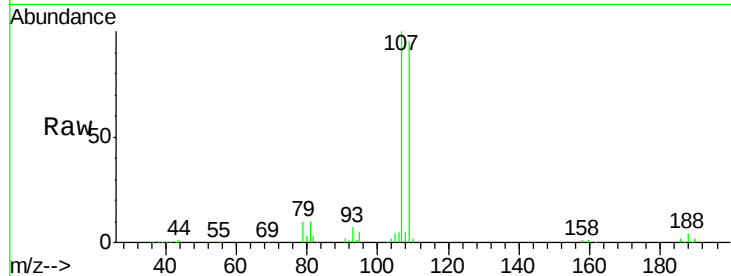
VSTDCCC050

Tgt Ion: 107 Resp: 73249

Ion Ratio Lower Upper

107 100

109 95.1 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 55.413 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

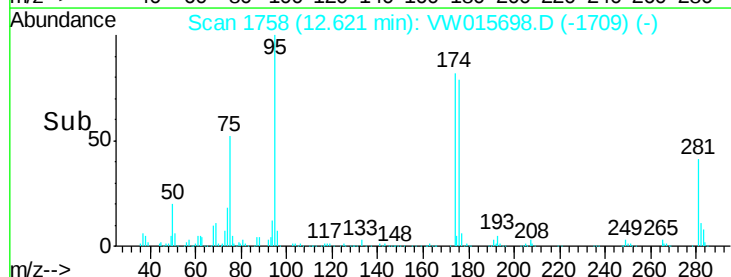
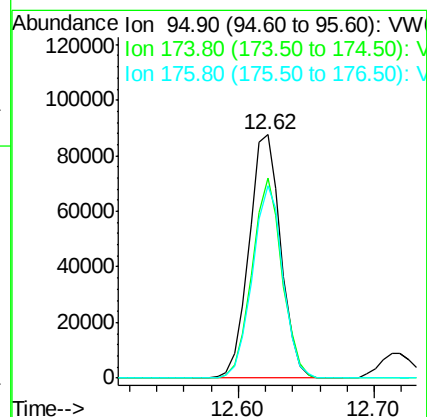
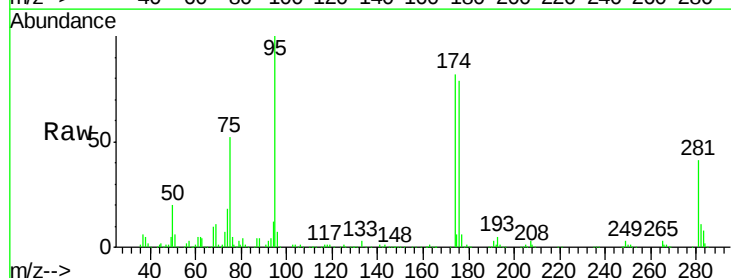
Tgt Ion: 95 Resp: 143042

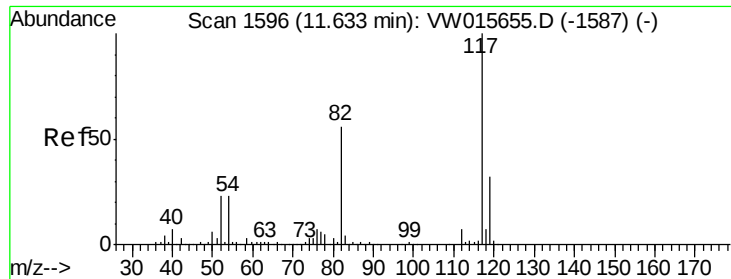
Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.0

176 76.1 0.0 151.4

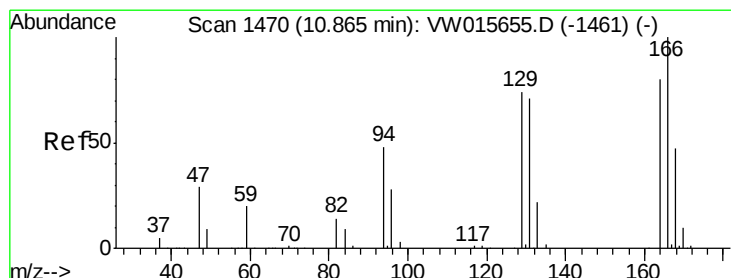
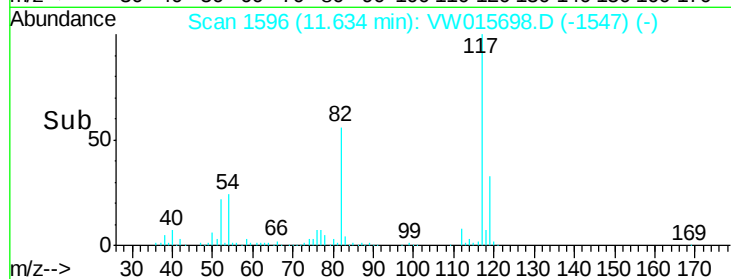
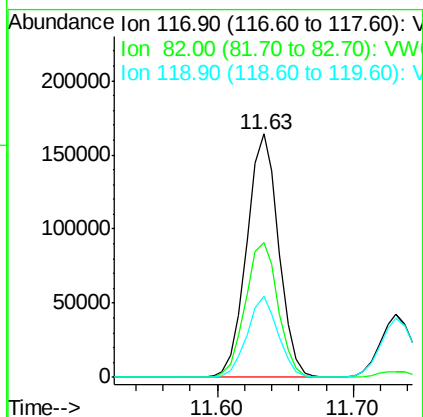
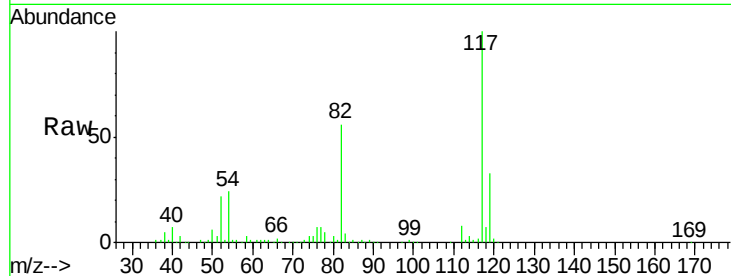




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

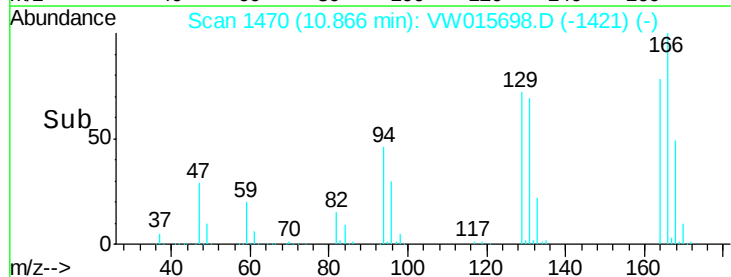
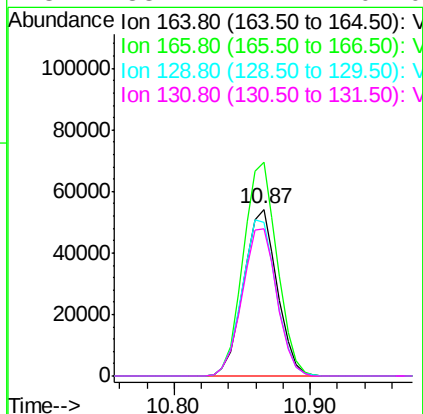
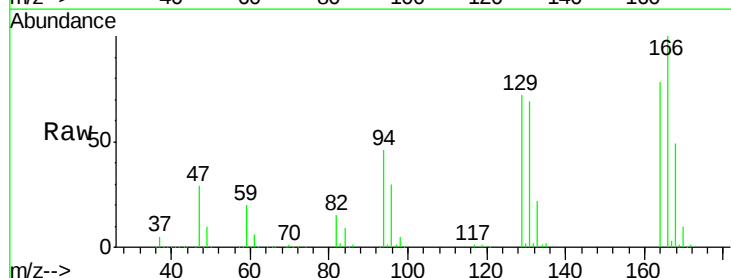
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

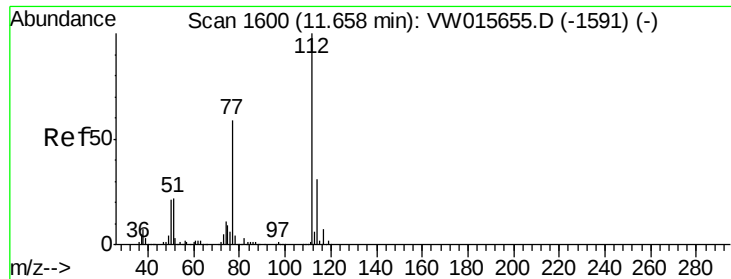
Tgt Ion:117 Resp: 269843
Ion Ratio Lower Upper
117 100
82 55.6 45.1 67.7
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 49.351 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion:164 Resp: 93555
Ion Ratio Lower Upper
164 100
166 128.1 99.9 149.9
129 92.1 74.2 111.2
131 88.4 71.4 107.0





#65

Chlorobenzene

Concen: 50.320 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

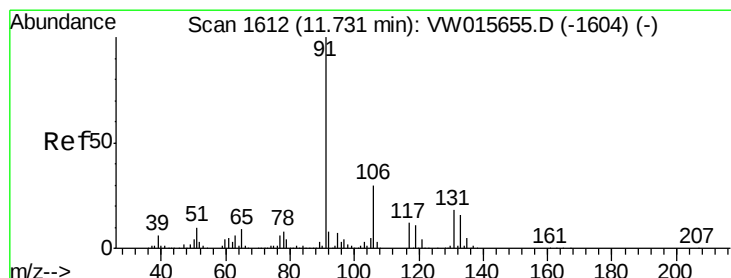
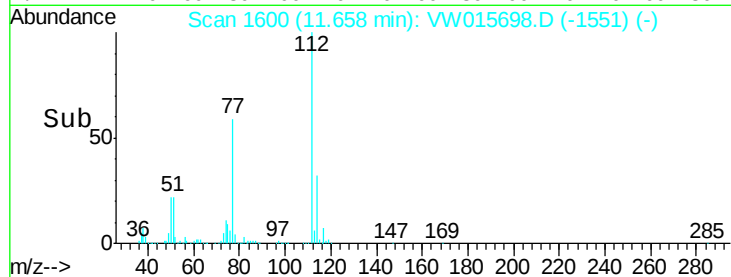
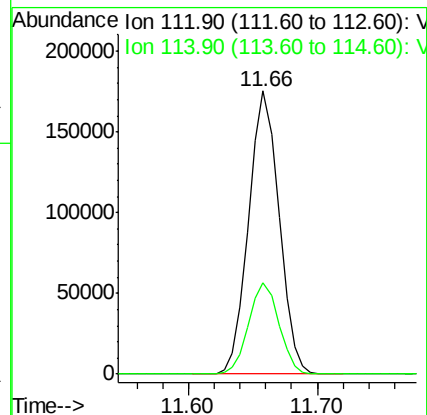
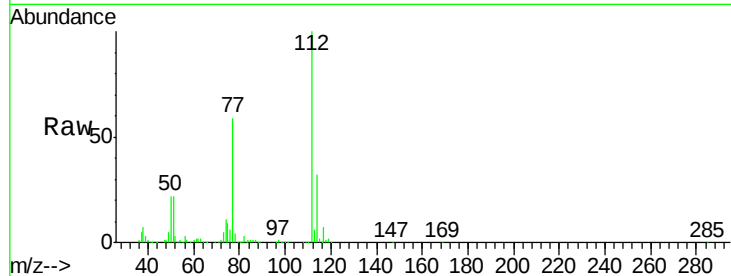
VSTDCCC050

Tgt Ion:112 Resp: 286292

Ion Ratio Lower Upper

112 100

114 32.1 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.697 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

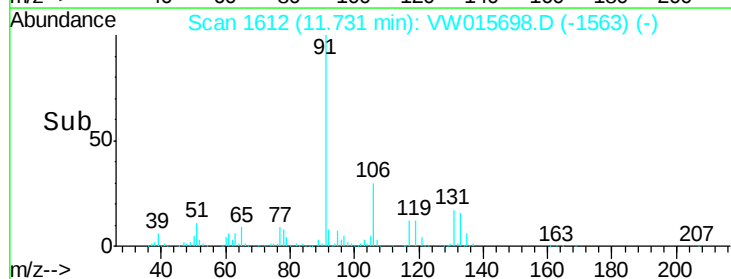
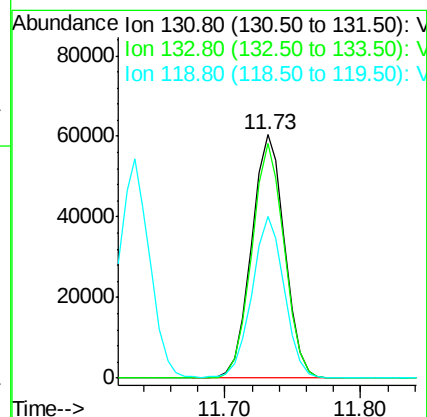
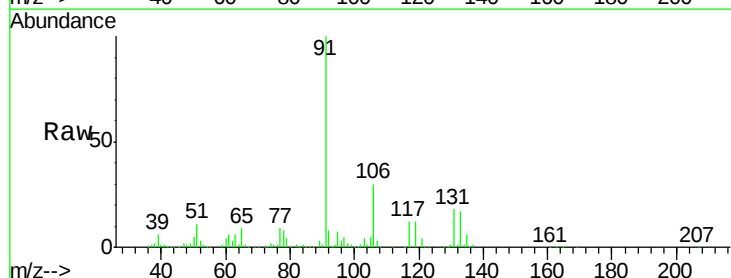
Tgt Ion:131 Resp: 103127

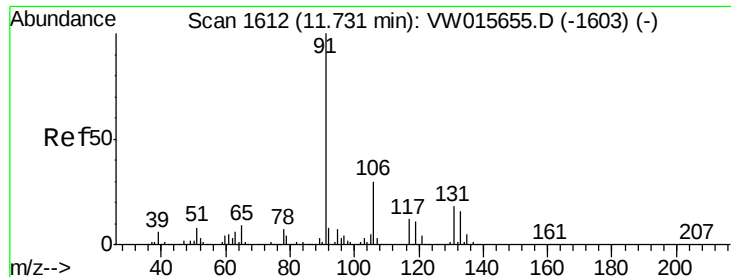
Ion Ratio Lower Upper

131 100

133 94.4 46.5 139.5

119 64.9 32.5 97.5

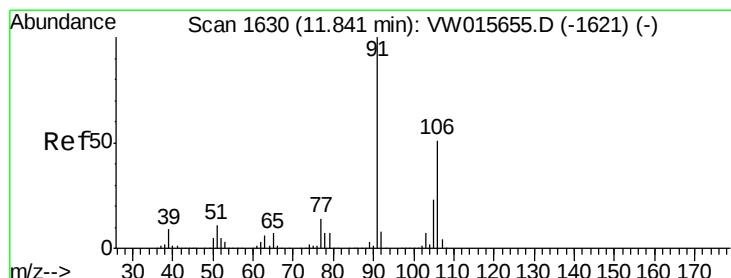
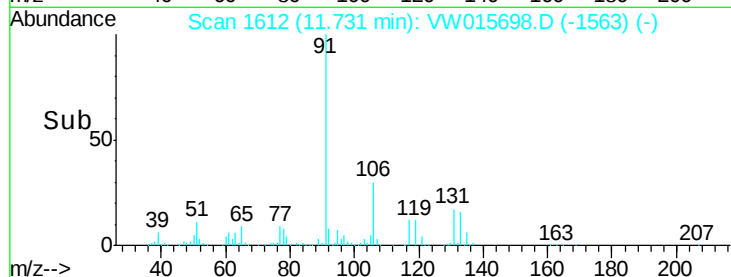
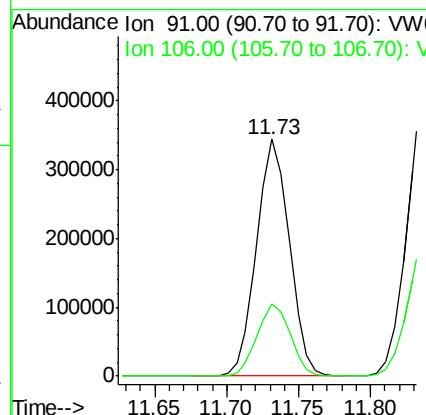
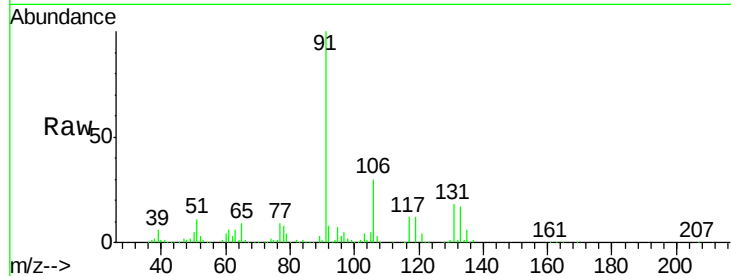




#67
Ethyl Benzene
Concen: 51.143 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

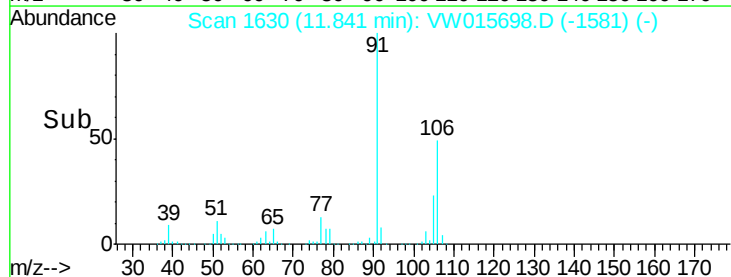
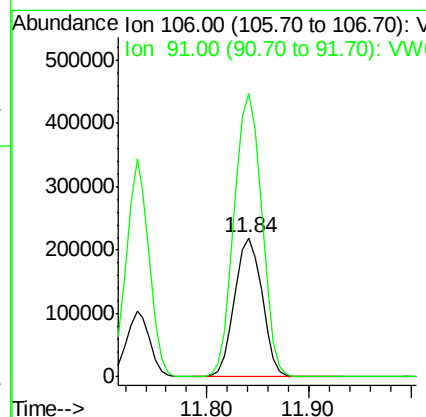
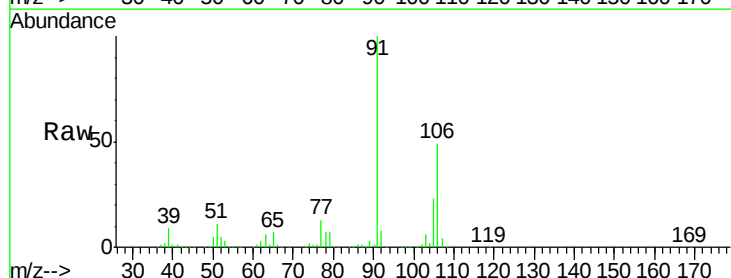
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 541515
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



#68
m/p-Xylenes
Concen: 102.963 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion: 106 Resp: 409367
Ion Ratio Lower Upper
106 100
91 205.1 162.6 244.0

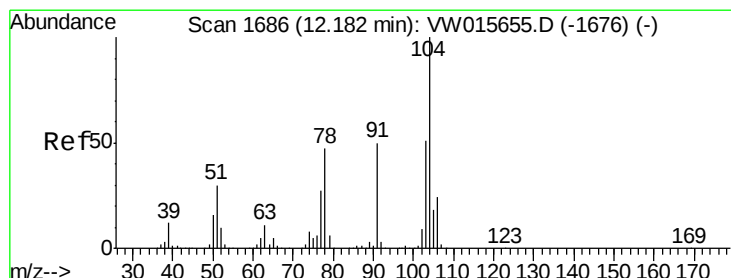
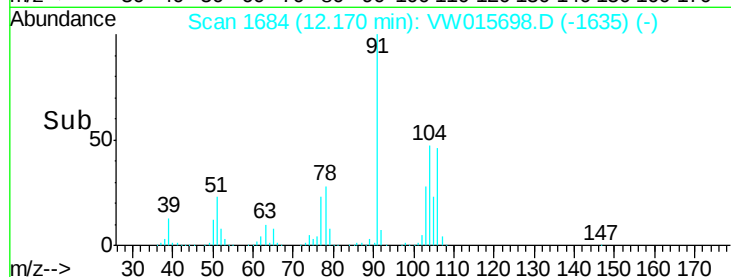
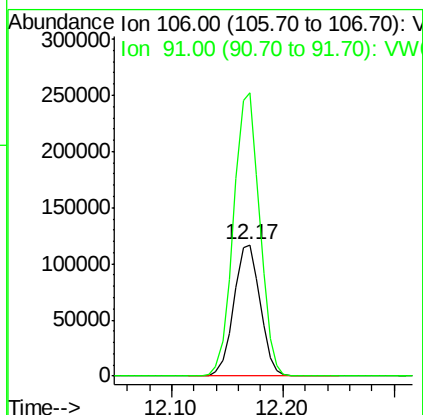
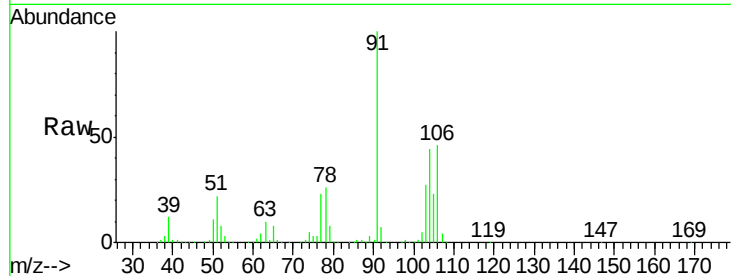




#69
o-Xylene
Concen: 52.051 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

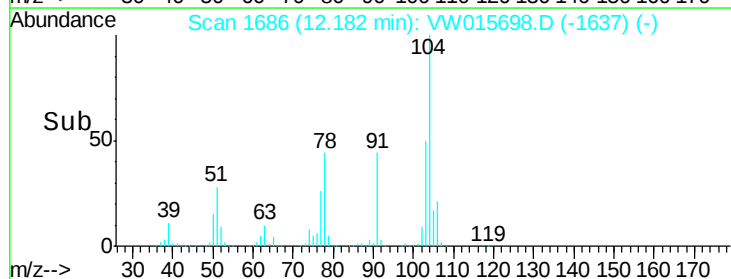
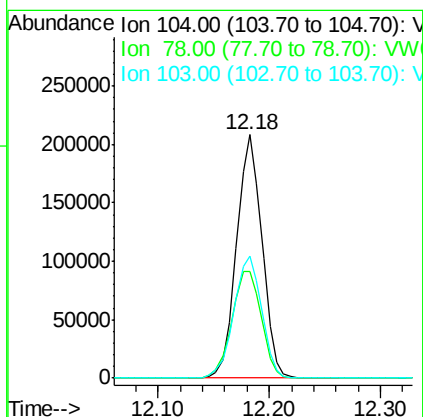
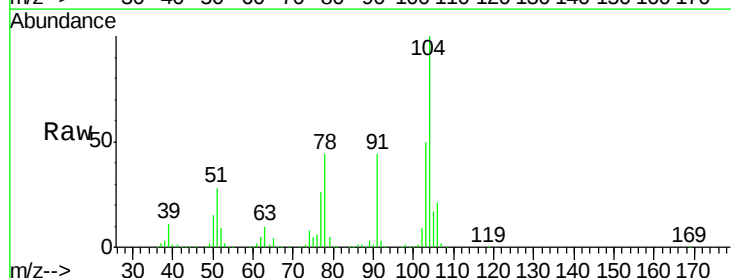
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

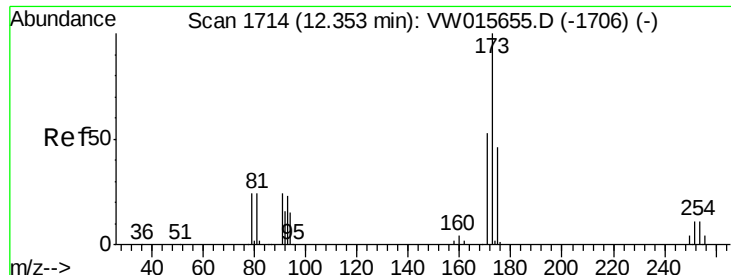
Tgt Ion:106 Resp: 190279
Ion Ratio Lower Upper
106 100
91 214.9 108.3 324.9



#70
Styrene
Concen: 52.641 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion:104 Resp: 328782
Ion Ratio Lower Upper
104 100
78 51.0 40.9 61.3
103 54.9 43.1 64.7





#71

Bromoform

Concen: 52.066 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

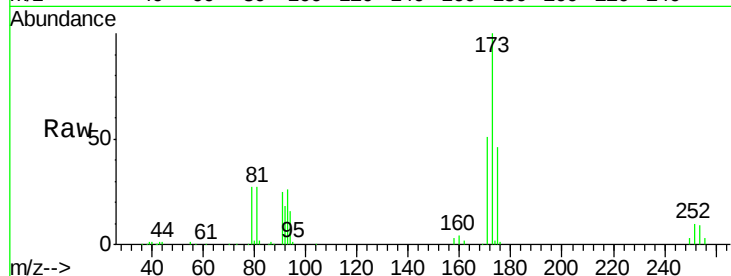
Tgt Ion:173 Resp: 47788

Ion Ratio Lower Upper

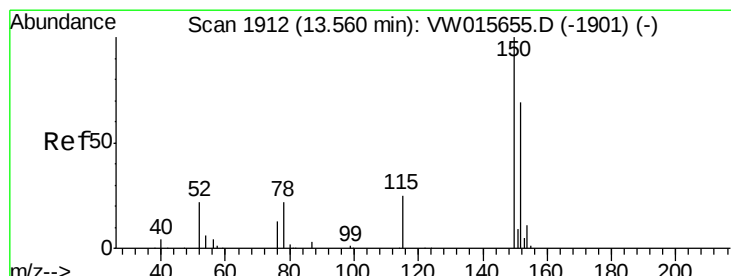
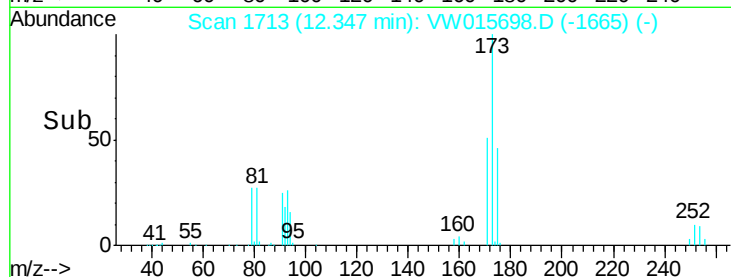
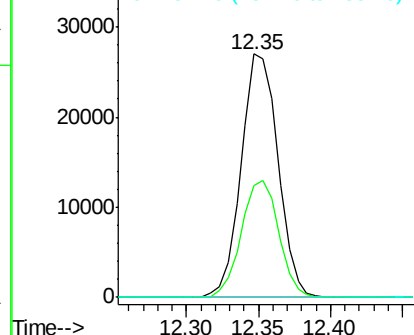
173 100

175 48.7 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

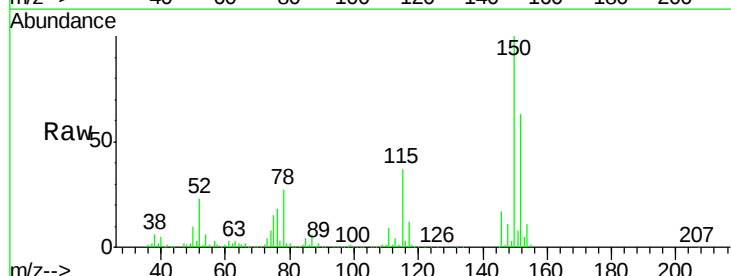
Tgt Ion:152 Resp: 136719

Ion Ratio Lower Upper

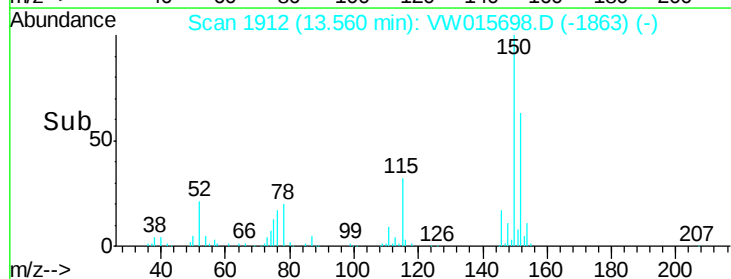
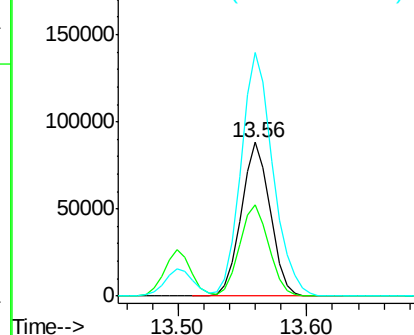
152 100

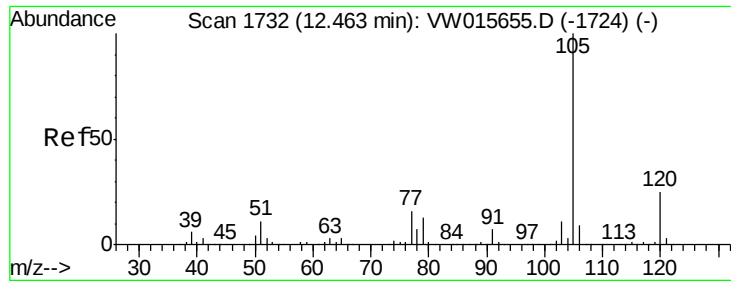
115 59.9 30.1 90.5

150 175.0 0.0 345.6



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





#73

Isopropylbenzene

Concen: 51.259 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

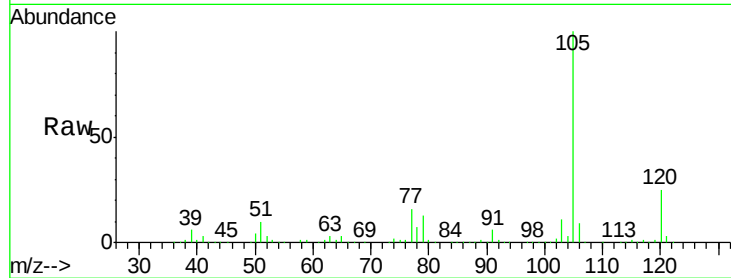
VSTDCCC050

Tgt Ion: 105 Resp: 534604

Ion Ratio Lower Upper

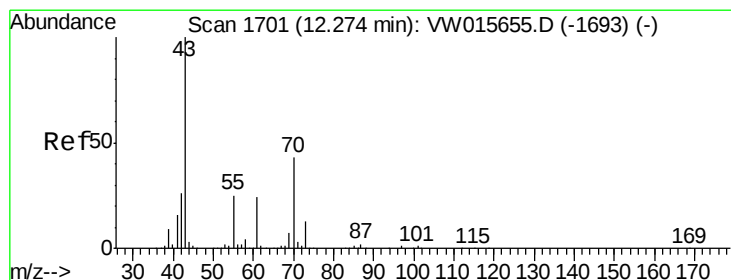
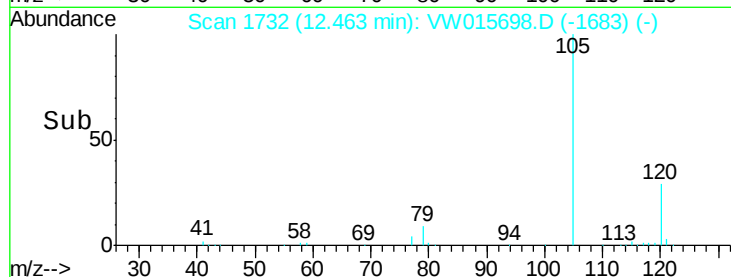
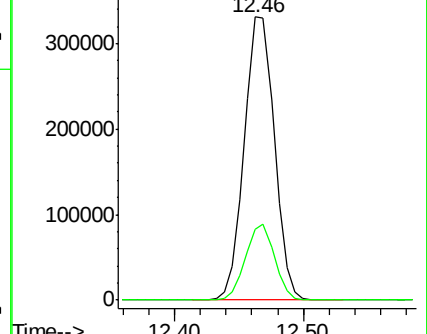
105 100

120 25.7 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: 53.961 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Tgt Ion: 43 Resp: 119303

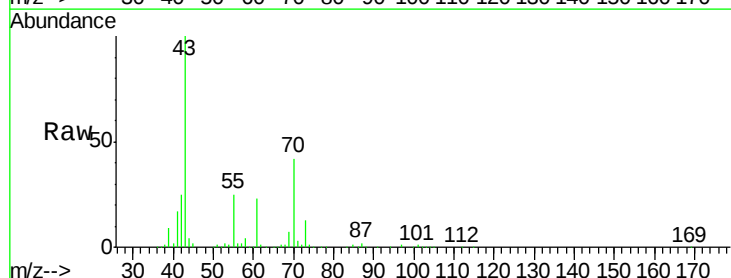
Ion Ratio Lower Upper

43 100

70 42.2 33.6 50.4

55 25.5 19.7 29.5

61 23.8 18.7 28.1

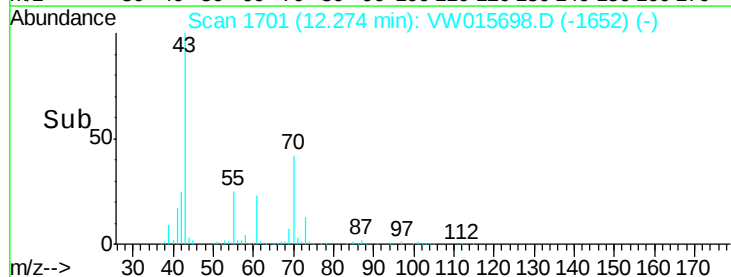
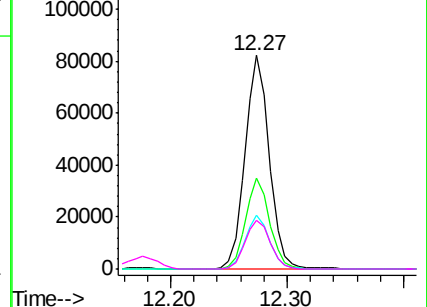


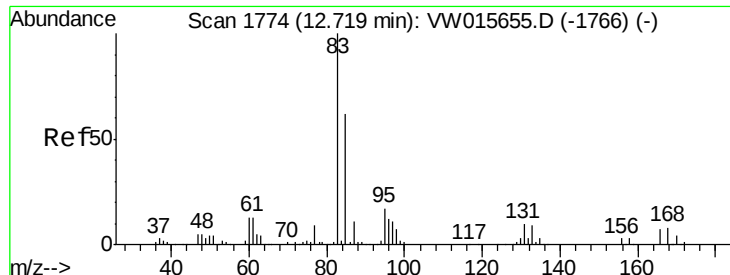
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 53.980 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

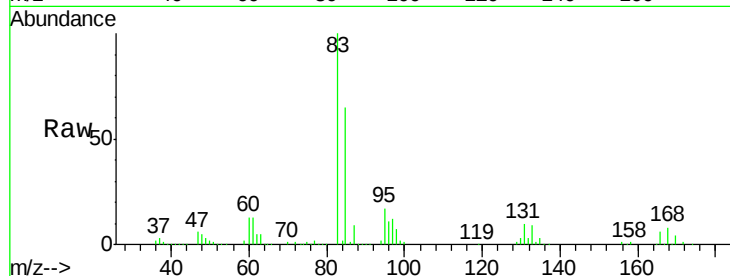
Tgt Ion: 83 Resp: 90065

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

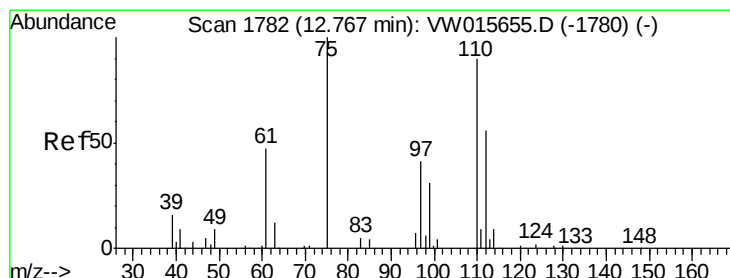
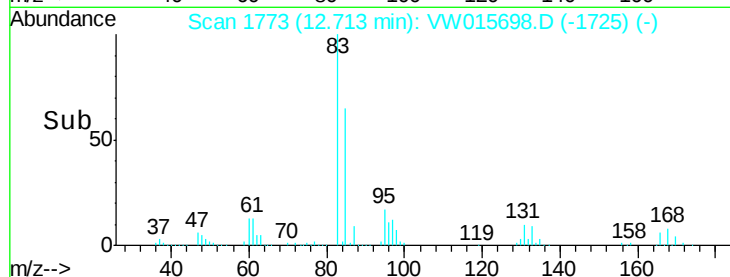
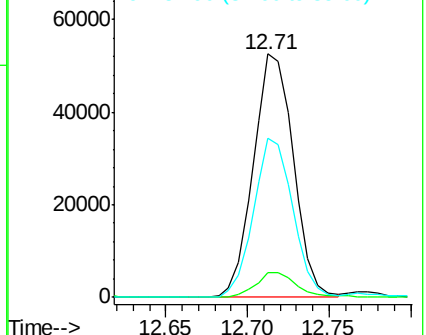
85 64.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 92.871 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015698.D

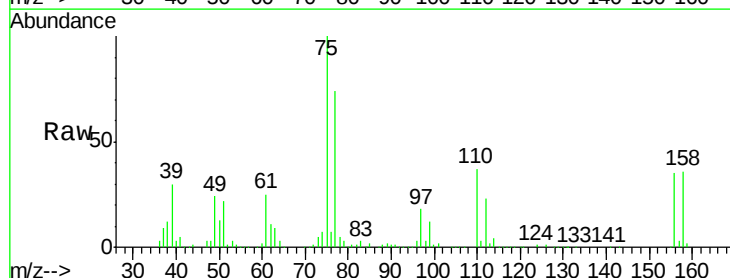
Acq: 24 Jun 2020 22:12

Tgt Ion: 75 Resp: 115818

Ion Ratio Lower Upper

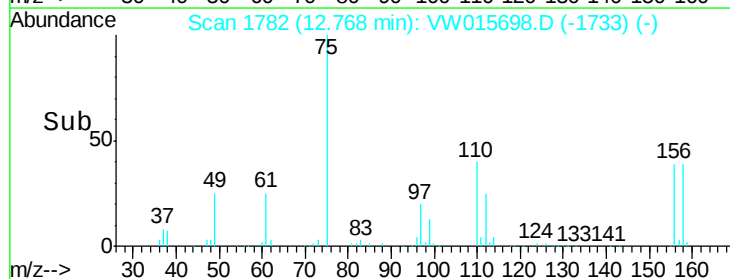
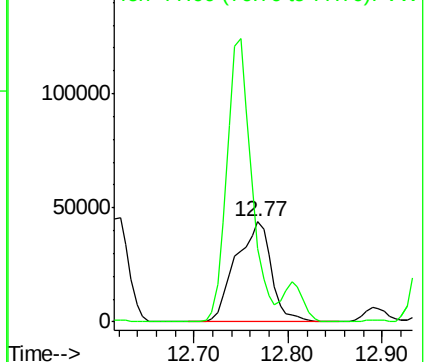
75 100

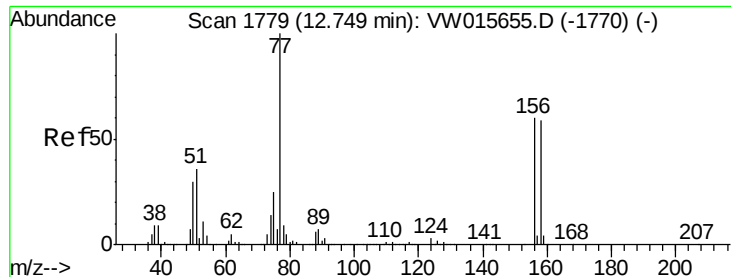
77 195.3 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.123 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

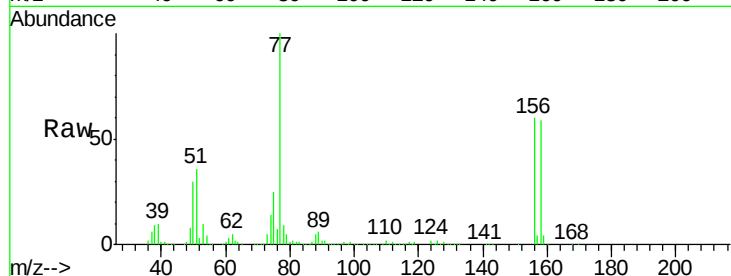
Tgt Ion:156 Resp: 118890

Ion Ratio Lower Upper

156 100

77 190.3 94.5 283.5

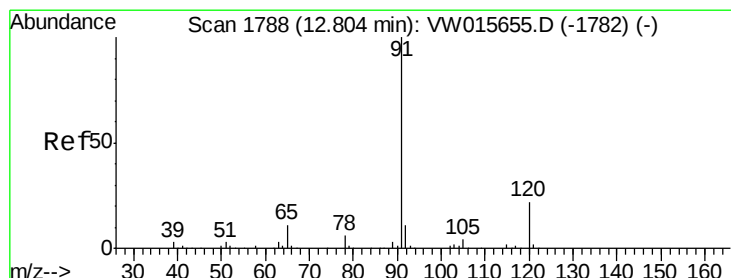
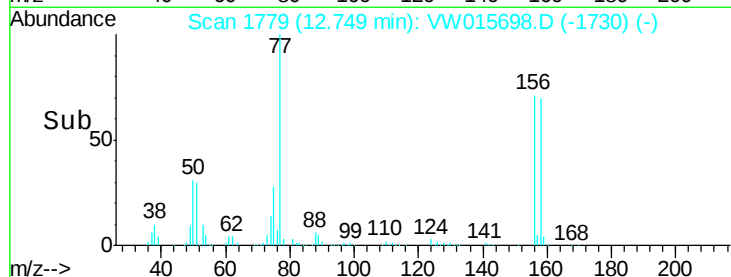
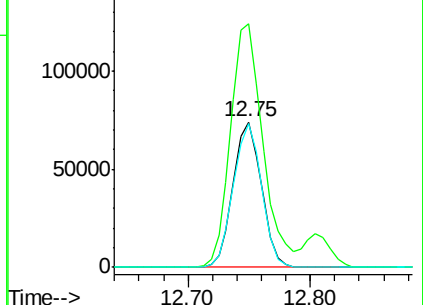
158 98.2 47.9 143.6



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: 50.814 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015698.D

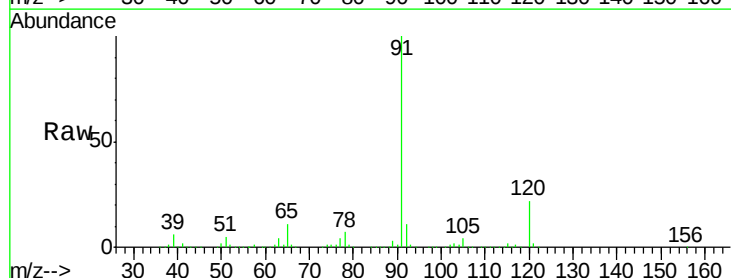
Acq: 24 Jun 2020 22:12

Tgt Ion: 91 Resp: 637910

Ion Ratio Lower Upper

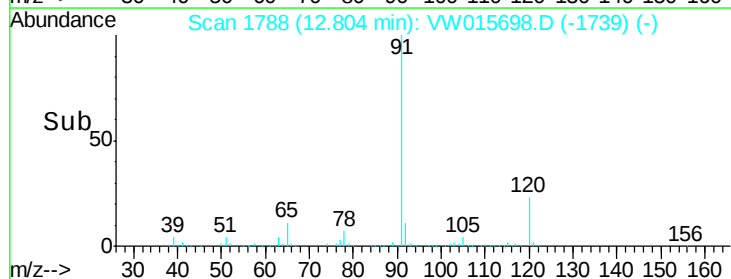
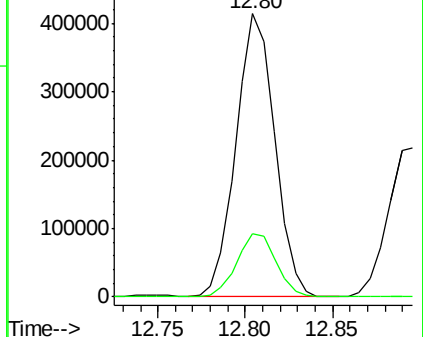
91 100

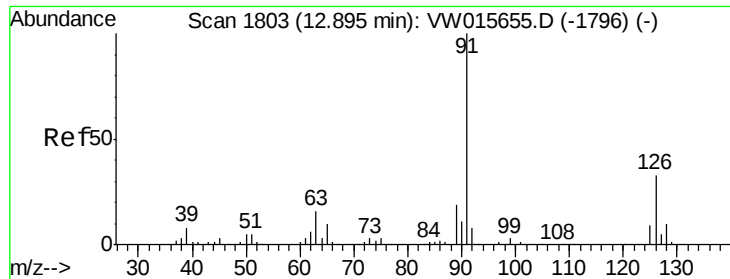
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.658 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampled :

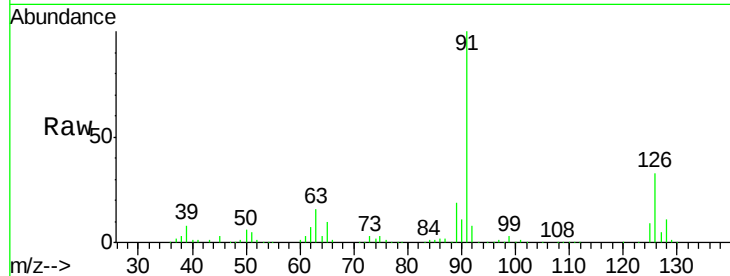
VSTDCCC050

Tgt Ion: 91 Resp: 358079

Ion Ratio Lower Upper

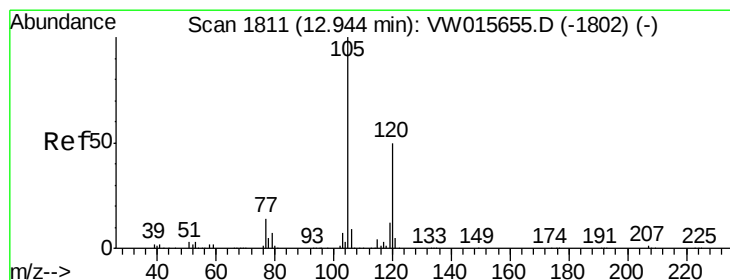
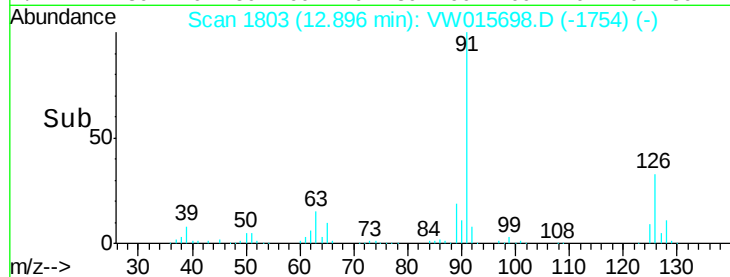
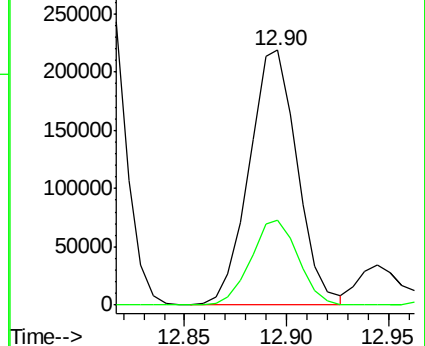
91 100

126 33.0 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: 51.840 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015698.D

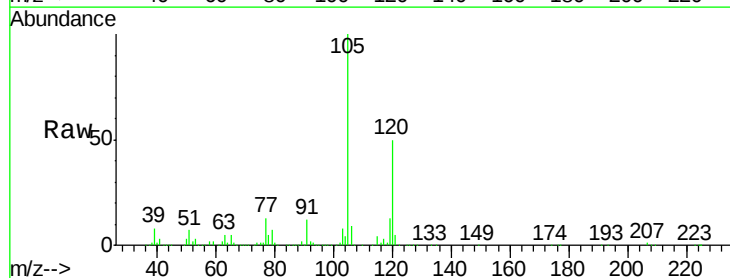
Acq: 24 Jun 2020 22:12

Tgt Ion: 105 Resp: 458120

Ion Ratio Lower Upper

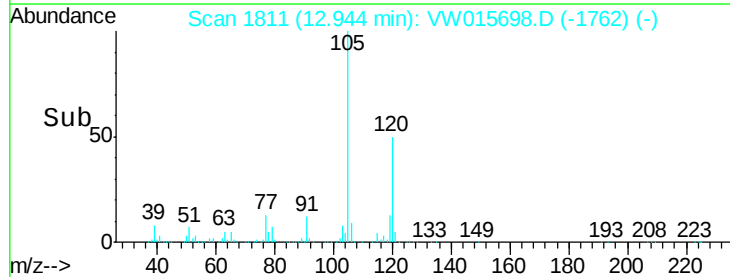
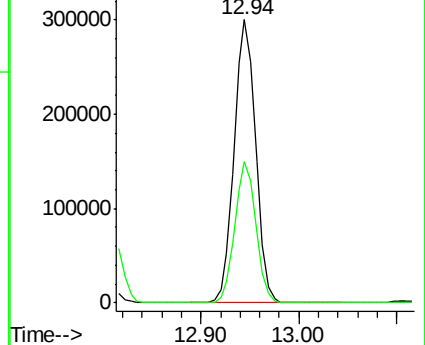
105 100

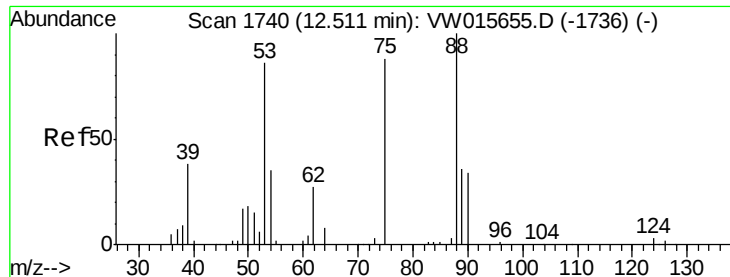
120 48.8 24.4 73.2



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: 51.167 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

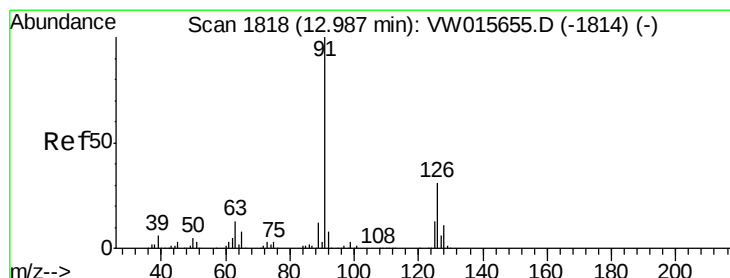
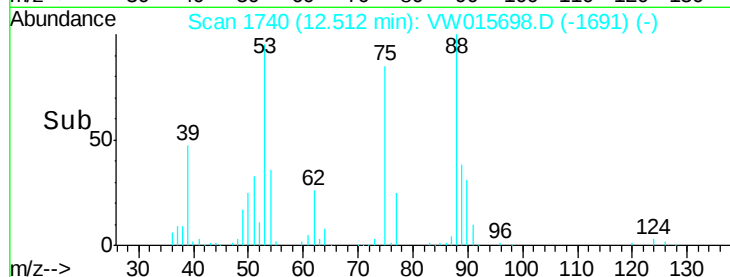
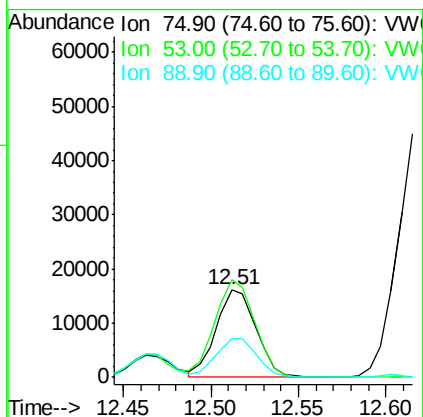
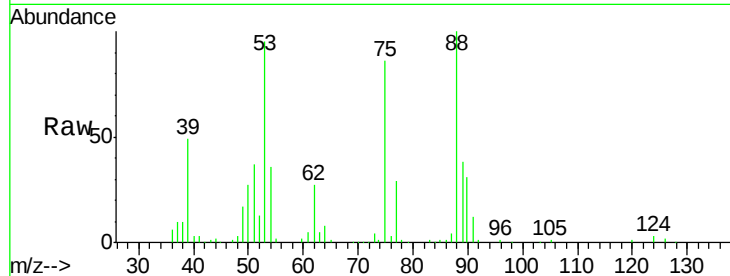
Tgt Ion: 75 Resp: 25321

Ion Ratio Lower Upper

75 100

53 115.6 83.8 125.8

89 46.5 36.6 55.0



#82

4-Chlorotoluene

Concen: 51.057 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015698.D

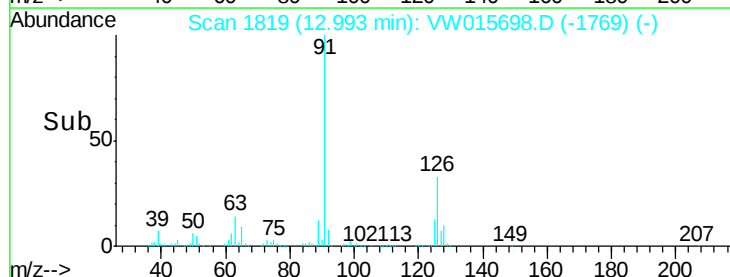
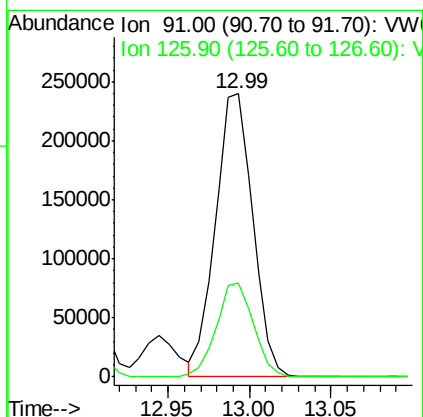
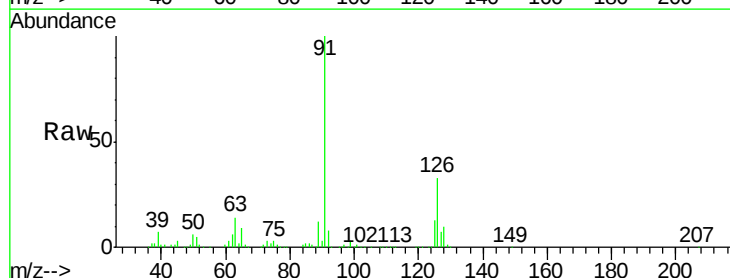
Acq: 24 Jun 2020 22:12

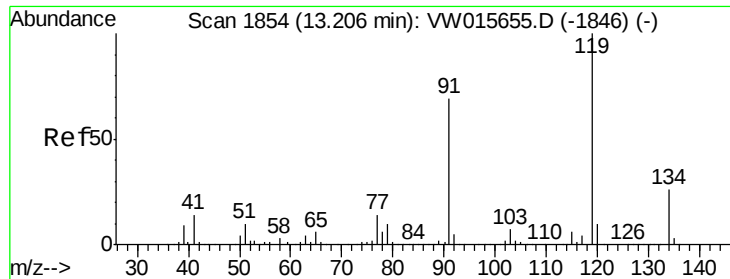
Tgt Ion: 91 Resp: 381809

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.9

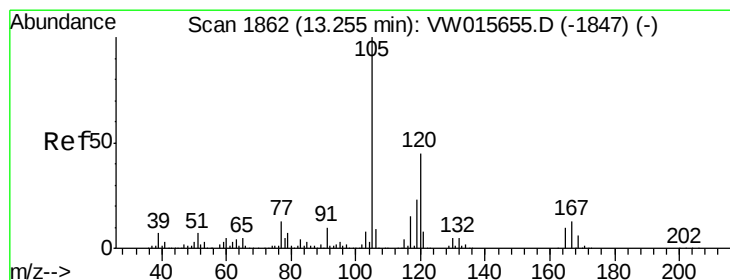
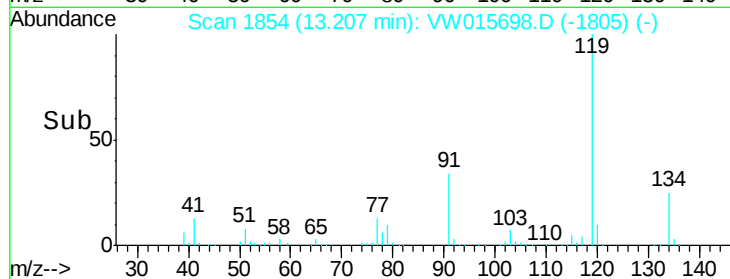
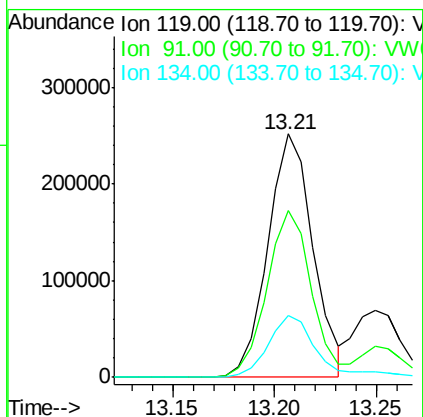
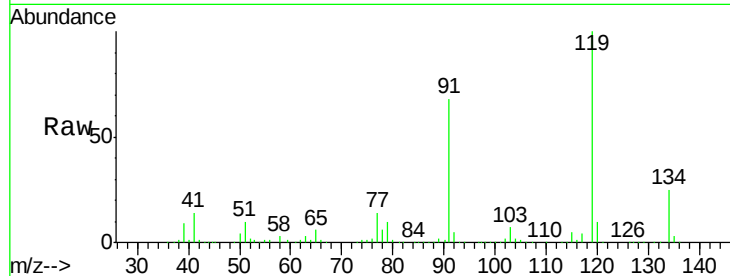




#83
 tert-Butylbenzene
 Concen: 51.907 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

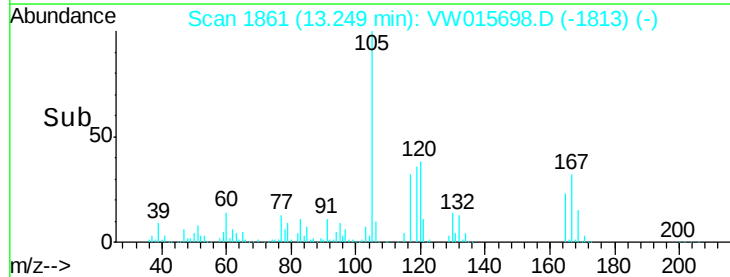
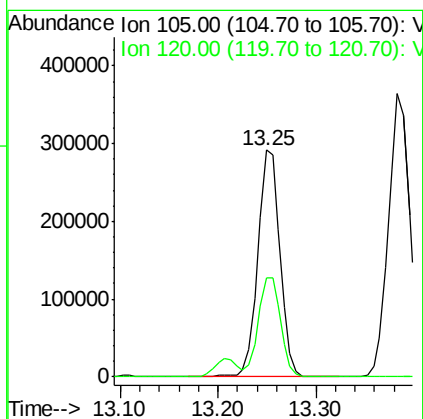
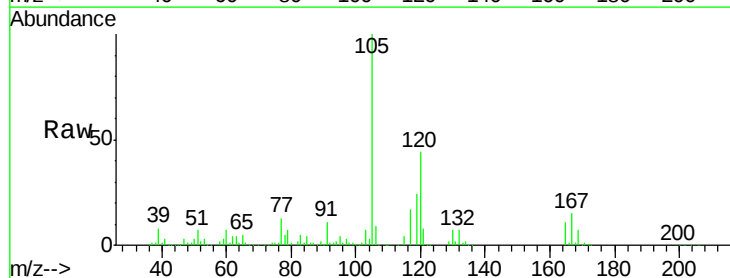
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

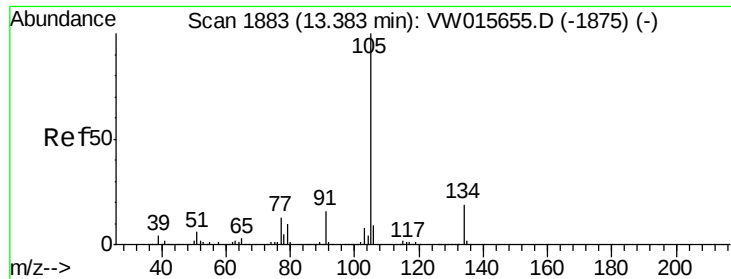
Tgt Ion:119 Resp: 387584
 Ion Ratio Lower Upper
 119 100
 91 68.4 34.7 104.1
 134 27.3 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.071 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion:105 Resp: 458910
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.8 68.3

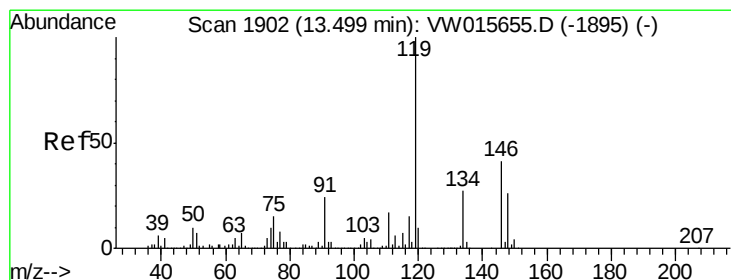
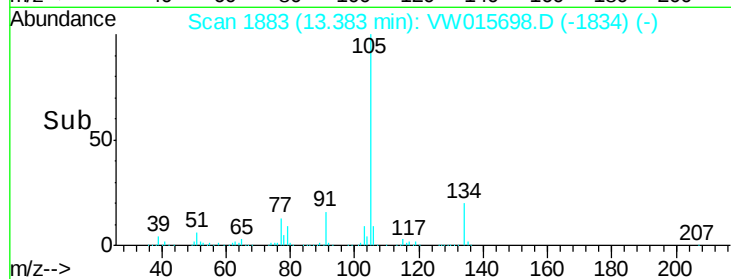
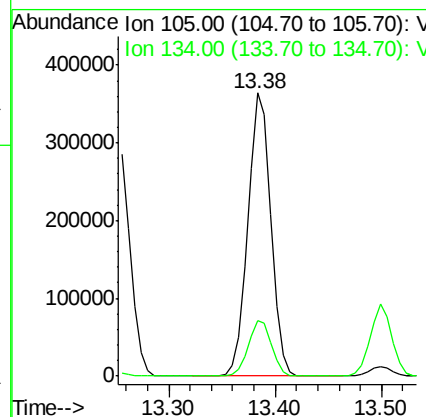
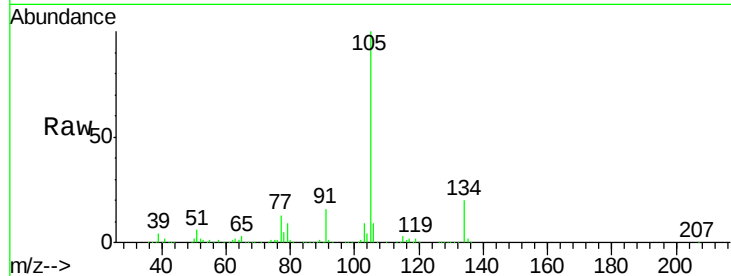




#85
 sec-Butylbenzene
 Concen: 51.677 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

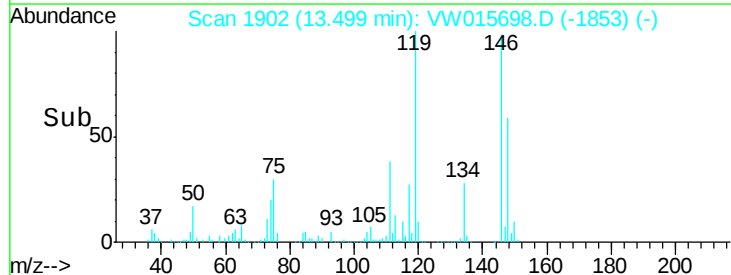
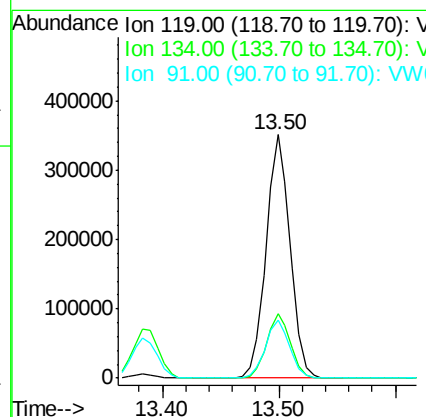
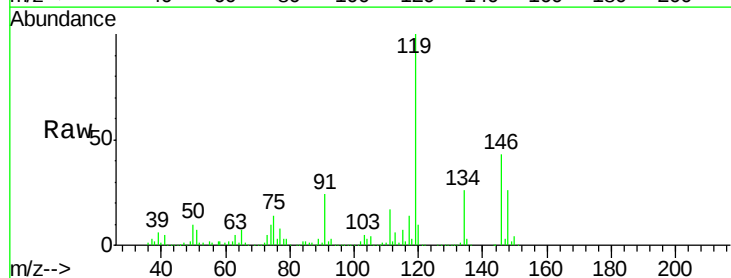
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

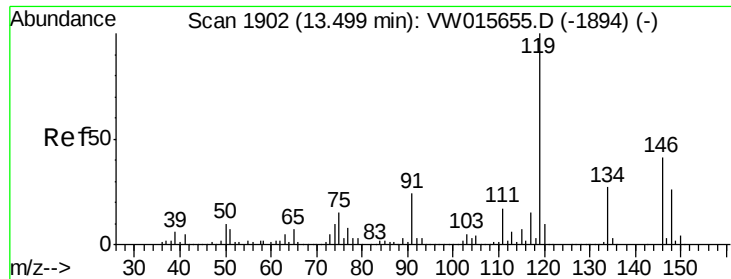
Tgt Ion:105 Resp: 551469
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.830 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion:119 Resp: 502530
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 23.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.294 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

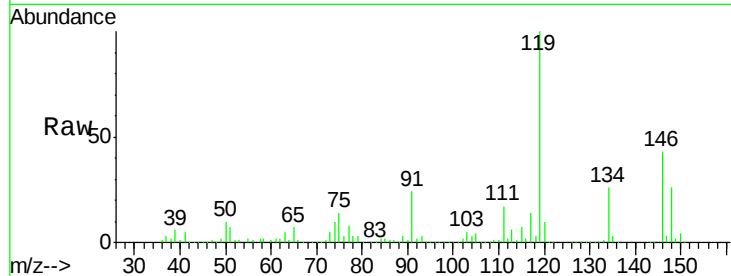
Tgt Ion:146 Resp: 236801

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

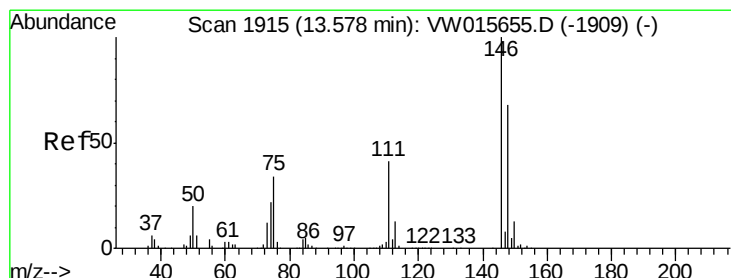
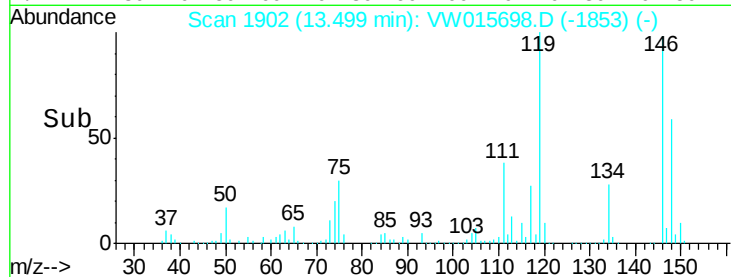
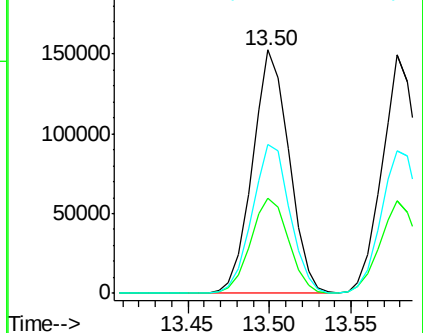
148 63.1 31.6 94.7



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



#88

1,4-Dichlorobenzene

Concen: 50.671 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

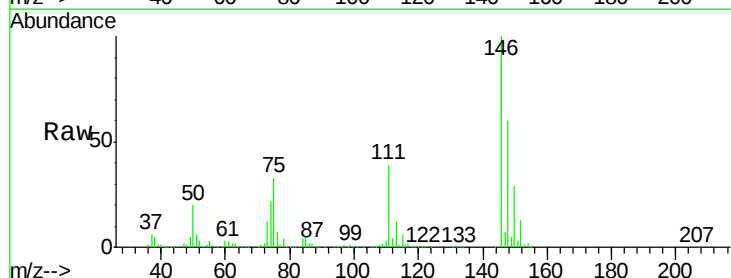
Tgt Ion:146 Resp: 231682

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

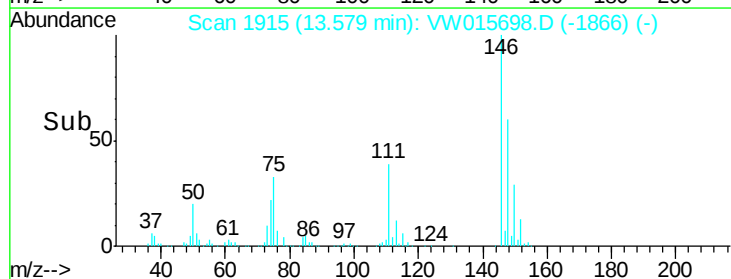
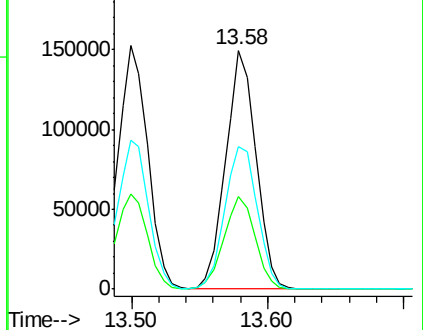
148 64.3 33.7 101.1

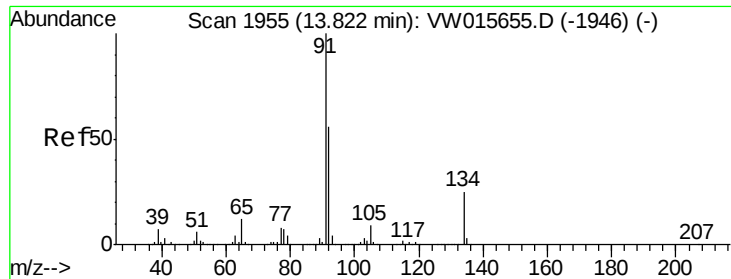


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.592 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

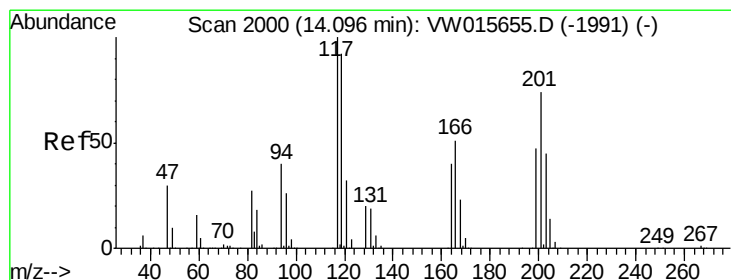
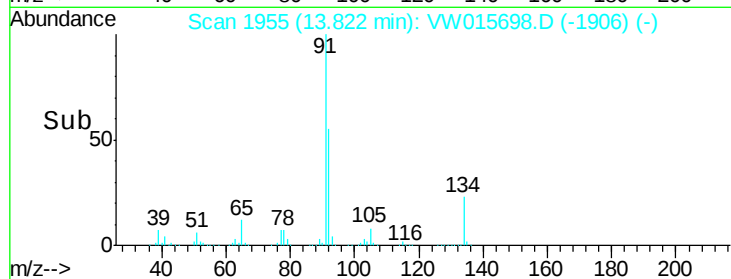
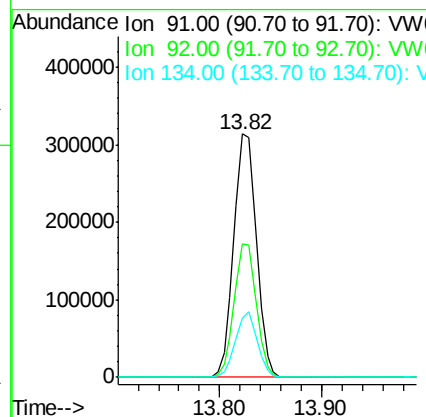
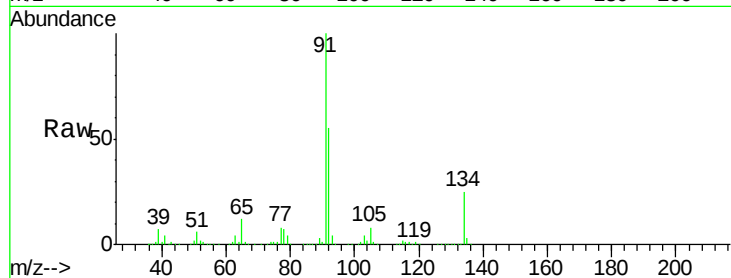
Tgt Ion: 91 Resp: 480193

Ion Ratio Lower Upper

91 100

92 53.8 27.5 82.4

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 51.394 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015698.D

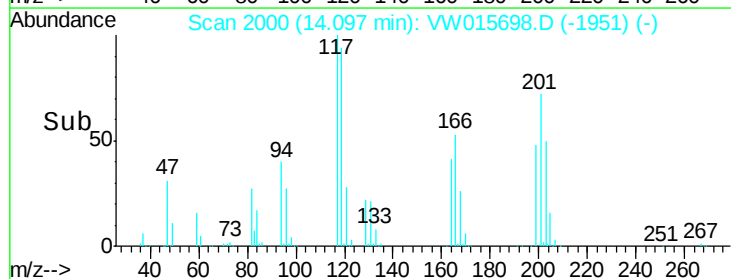
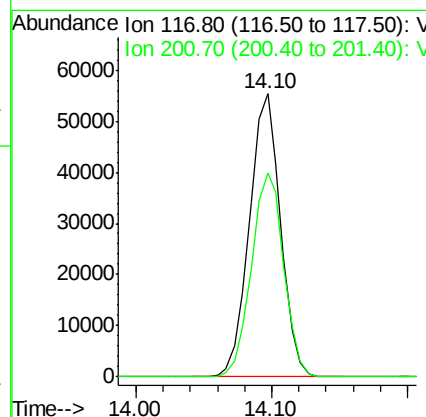
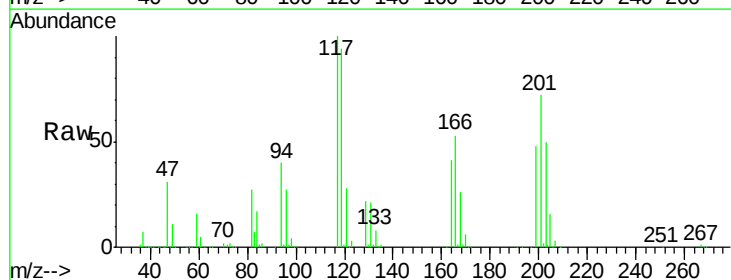
Acq: 24 Jun 2020 22:12

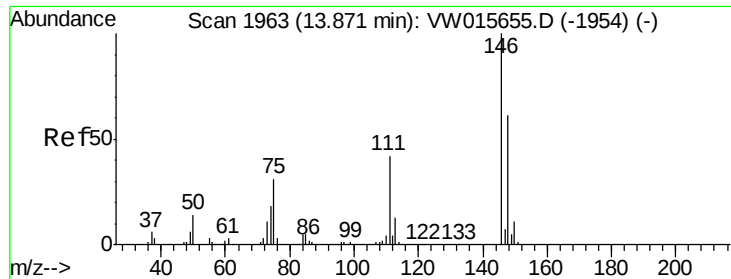
Tgt Ion: 117 Resp: 88678

Ion Ratio Lower Upper

117 100

201 74.8 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 51.821 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

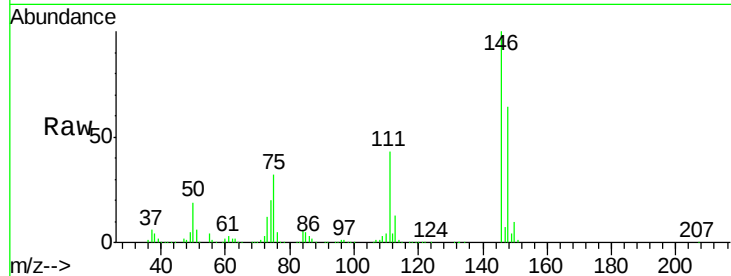
Tgt Ion:146 Resp: 206851

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

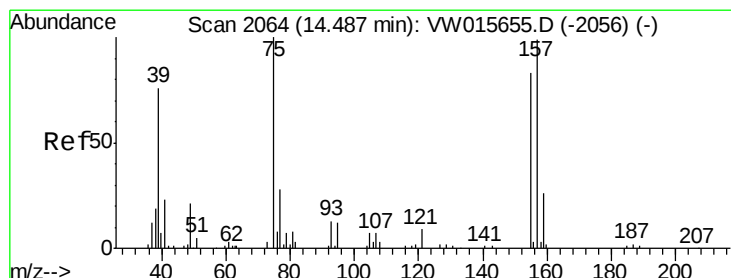
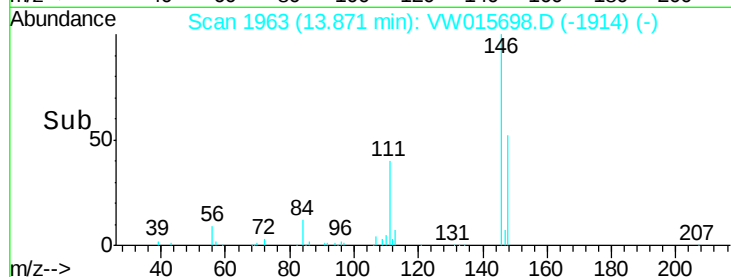
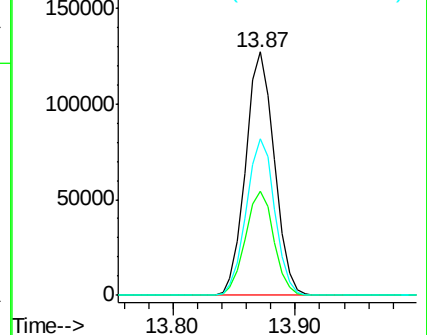
148 64.0 32.2 96.6



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: 56.839 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015698.D

Acq: 24 Jun 2020 22:12

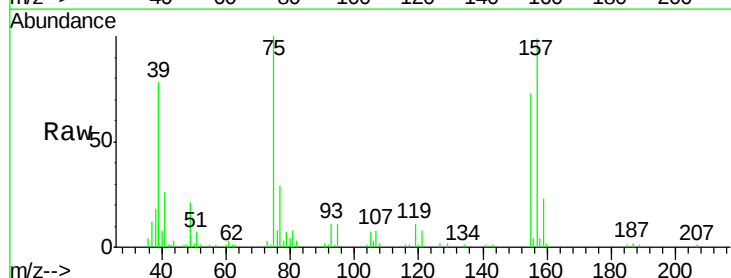
Tgt Ion: 75 Resp: 15186

Ion Ratio Lower Upper

75 100

155 78.1 40.8 122.2

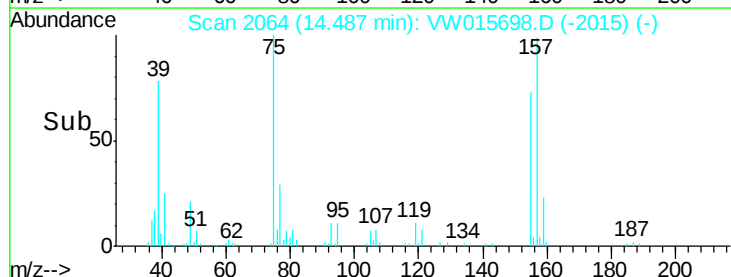
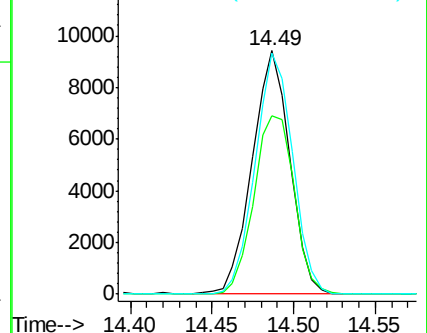
157 98.5 50.7 152.1

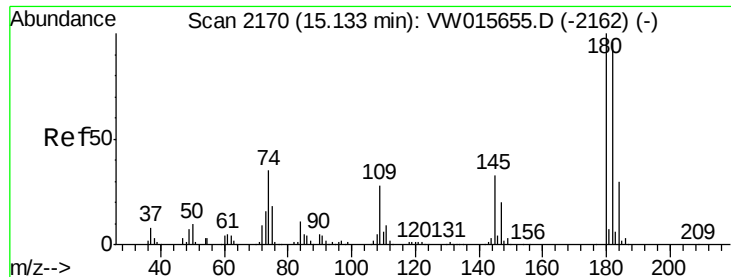


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

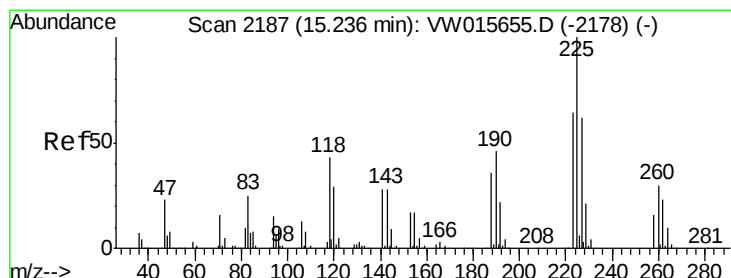
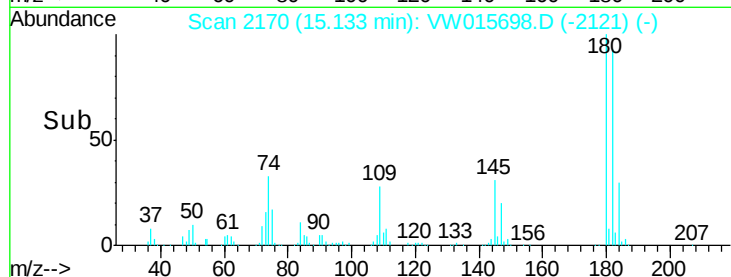
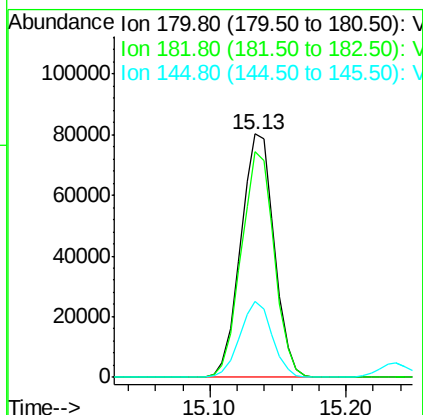
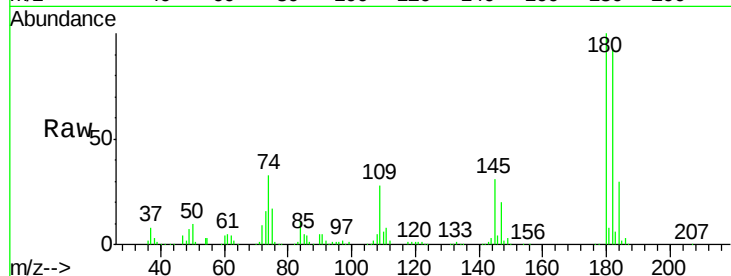




#93
 1,2,4-Trichlorobenzene
 Concen: 52.137 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

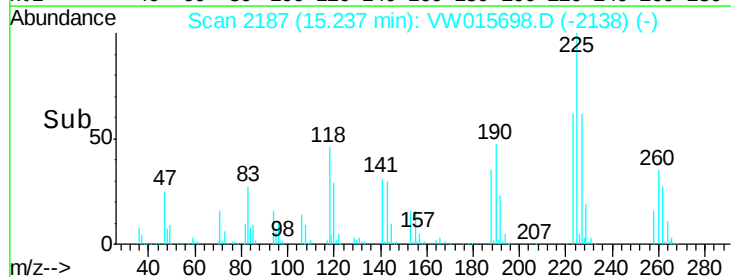
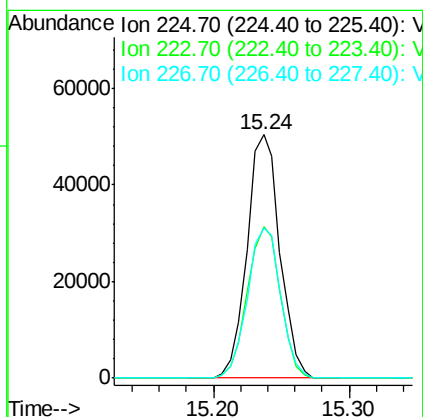
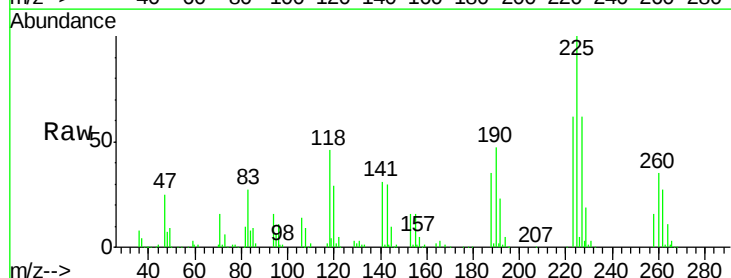
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 137429
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.9 143.6
 145 30.1 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 50.714 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015698.D
 Acq: 24 Jun 2020 22:12

Tgt Ion:225 Resp: 85163
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.0 93.0
 227 62.9 31.9 95.9

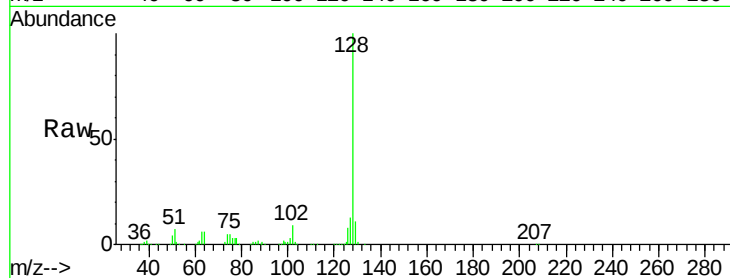




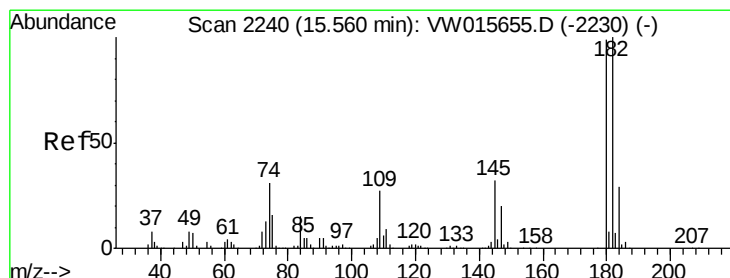
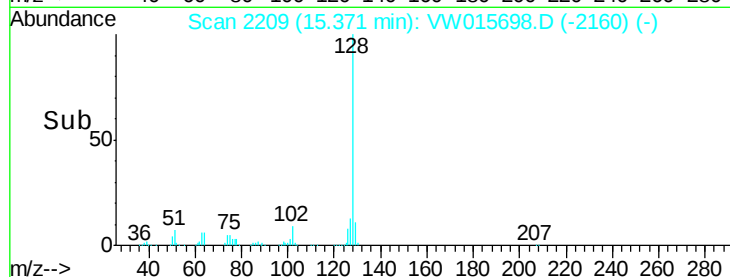
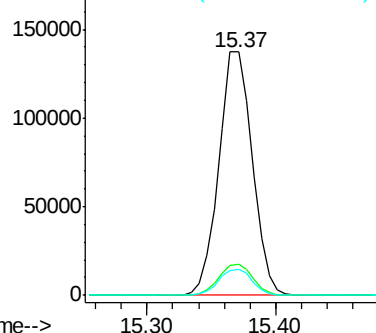
#95
Naphthalene
Concen: 56.461 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 246154
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.8 13.2

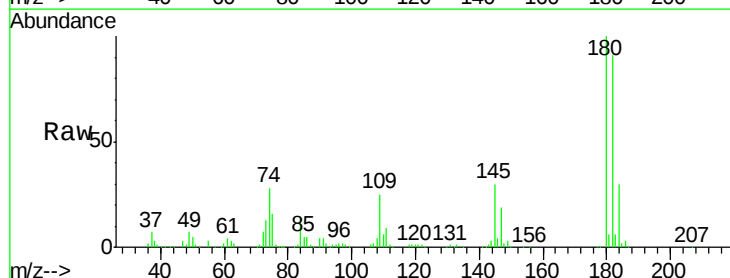


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.087 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015698.D
Acq: 24 Jun 2020 22:12

Tgt Ion:180 Resp: 120480
Ion Ratio Lower Upper
180 100
182 92.6 49.0 147.0
145 31.9 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

