

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015749.D
 Acq On : 26 Jun 2020 16:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 02:22:52 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	202005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110573	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.89	113	100632	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.33	98	401406	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	155172	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	62862	52.191	ug/l 100
3) Chloromethane	2.21	50	67608	47.801	ug/l 98
4) Vinyl Chloride	2.37	62	112160	49.052	ug/l 100
5) Bromomethane	2.78	94	82149	48.882	ug/l 99
6) Chloroethane	2.93	64	75682	50.296	ug/l 99
7) Trichlorofluoromethane	3.26	101	89304	52.016	ug/l 95
8) Diethyl Ether	3.68	74	50424	50.855	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98110	48.481	ug/l 100
10) Methyl Iodide	4.27	142	139897	48.890	ug/l 100
11) Tert butyl alcohol	5.19	59	29156	231.467	ug/l 98
12) 1,1-Dichloroethene	4.04	96	95730	48.582	ug/l 98
13) Acrolein	3.89	56	28526	182.703	ug/l 99
14) Allyl chloride	4.67	41	156197	48.859	ug/l 100
15) Acrylonitrile	5.37	53	104428	255.270	ug/l 99
16) Acetone	4.13	43	111370	260.653	ug/l 95
17) Carbon Disulfide	4.39	76	267187	47.112	ug/l 100
18) Methyl Acetate	4.67	43	46626	53.022	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	153030	51.602	ug/l 98
20) Methylene Chloride	4.92	84	113043	54.732	ug/l 98
21) trans-1,2-Dichloroethene	5.43	96	111169	49.207	ug/l 96
22) Diisopropyl ether	6.32	45	319174	50.198	ug/l 98
23) Vinyl Acetate	6.26	43	975167	262.997	ug/l 99
24) 1,1-Dichloroethane	6.22	63	196270	49.038	ug/l 99
25) 2-Butanone	7.18	43	147092	254.717	ug/l 97
26) 2,2-Dichloropropane	7.17	77	122168	45.509	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	121613	50.040	ug/l 99
28) Bromochloromethane	7.52	49	77028	50.032	ug/l 99
29) Tetrahydrofuran	7.54	42	87573	258.064	ug/l 100
30) Chloroform	7.68	83	202697	49.381	ug/l 99
31) Cyclohexane	7.96	56	181463	46.870	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	170532	48.738	ug/l 100
36) 1,1-Dichloropropene	8.09	75	166015	50.177	ug/l 99
37) Ethyl Acetate	7.26	43	63336	50.135	ug/l 98
38) Carbon Tetrachloride	8.07	117	157827	49.210	ug/l 93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203738	50.839	ug/l	98
40) Benzene	8.32	78	445815	49.555	ug/l	98
41) Methacrylonitrile	7.49	41	37010	51.046	ug/l	96
42) 1,2-Dichloroethane	8.40	62	140736	50.567	ug/l	100
43) Isopropyl Acetate	8.43	43	128832	51.103	ug/l	99
44) Trichloroethene	9.10	130	119977	49.478	ug/l	96
45) 1,2-Dichloropropane	9.37	63	110090	50.064	ug/l	98
46) Dibromomethane	9.46	93	58161	51.119	ug/l	99
47) Bromodichloromethane	9.65	83	147579	49.727	ug/l	99
48) Methyl methacrylate	9.44	41	60429	52.429	ug/l	98
49) 1,4-Dioxane	9.46	88	15599	1045.132	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	320474	263.598	ug/l	100
52) Toluene	10.39	92	297161	51.155	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	147433	51.423	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	174078	50.825	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	82278	52.012	ug/l	97
56) Ethyl methacrylate	10.65	69	108095	54.919	ug/l	96
57) 1,3-Dichloropropane	10.93	76	144196	51.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	251442	269.951	ug/l	100
59) 2-Hexanone	10.97	43	226234	273.333	ug/l	99
60) Dibromochloromethane	11.13	129	95394	51.748	ug/l	96
61) 1,2-Dibromoethane	11.24	107	77450	51.221	ug/l	98
64) Tetrachloroethene	10.87	164	101045	48.875	ug/l	99
65) Chlorobenzene	11.66	112	311107	50.141	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	112177	51.564	ug/l	99
67) Ethyl Benzene	11.73	91	593566	51.404	ug/l	99
68) m/p-Xylenes	11.84	106	448978	103.548	ug/l	99
69) o-Xylene	12.17	106	209618	52.579	ug/l	99
70) Styrene	12.18	104	360357	52.905	ug/l	99
71) Bromoform	12.35	173	51884	51.834	ug/l #	98
73) Isopropylbenzene	12.46	105	588152	49.125	ug/l	100
74) N-amyl acetate	12.27	43	128629	50.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	95641	49.934	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	124203	86.758	ug/l	29
77) Bromobenzene	12.75	156	130920	49.040	ug/l	99
78) n-propylbenzene	12.80	91	718138	49.832	ug/l	99
79) 2-Chlorotoluene	12.90	91	398008	49.050	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	504201	49.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27600	48.584	ug/l	93
82) 4-Chlorotoluene	12.99	91	421044	49.047	ug/l	99
83) tert-Butylbenzene	13.21	119	428990	50.047	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	509827	50.393	ug/l	99
85) sec-Butylbenzene	13.38	105	608332	49.658	ug/l	99
86) p-Isopropyltoluene	13.50	119	554726	49.839	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	262859	49.599	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	253491	48.295	ug/l	97
89) n-Butylbenzene	13.82	91	544398	50.951	ug/l	99
90) Hexachloroethane	14.10	117	96074	48.504	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	226797	49.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15186	49.513	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
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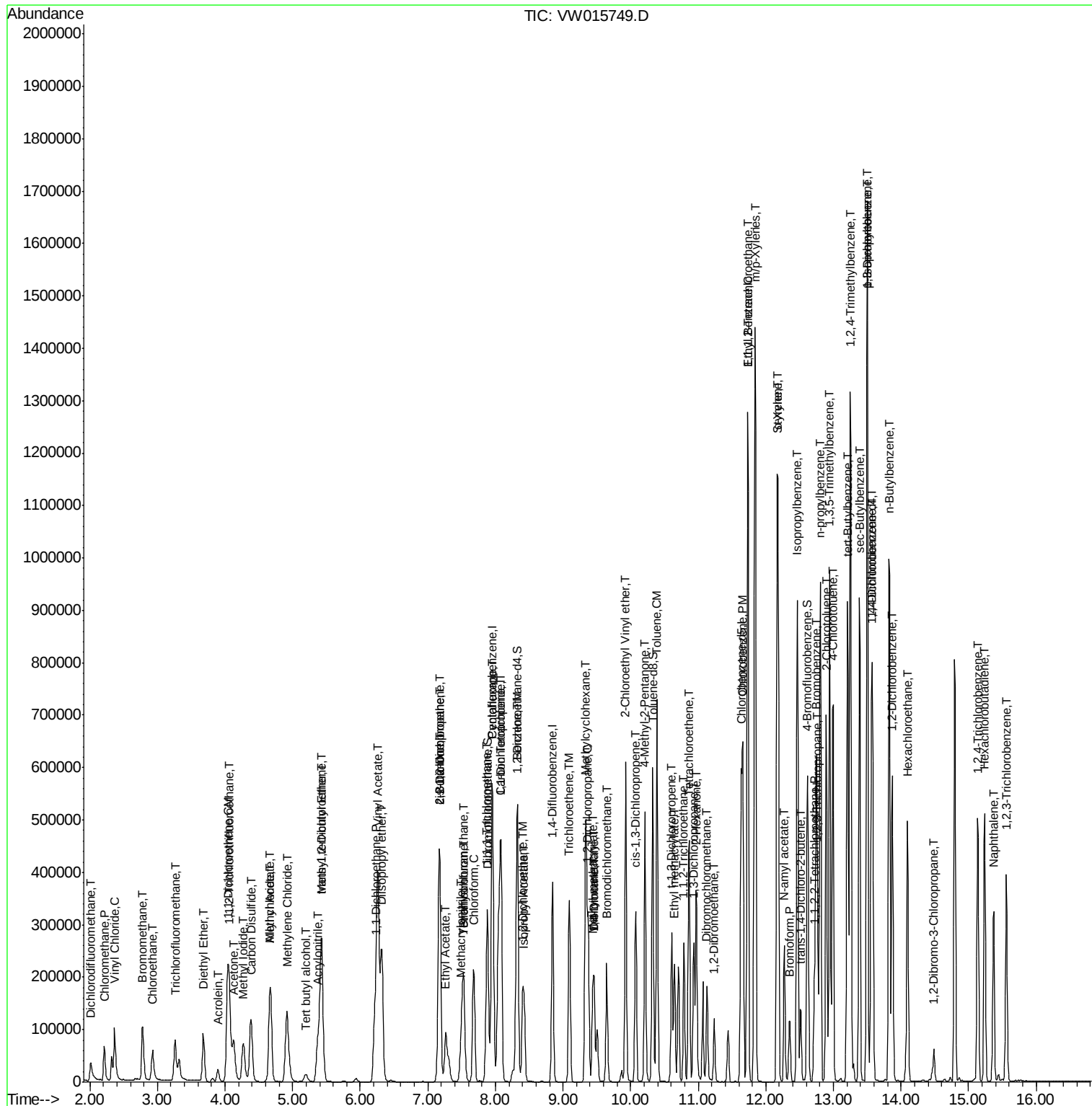
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158247	52.297	ug/l	98
94) Hexachlorobutadiene	15.24	225	93464	48.484	ug/l	98
95) Naphthalene	15.37	128	274467	54.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	134391	51.584	ug/l	98

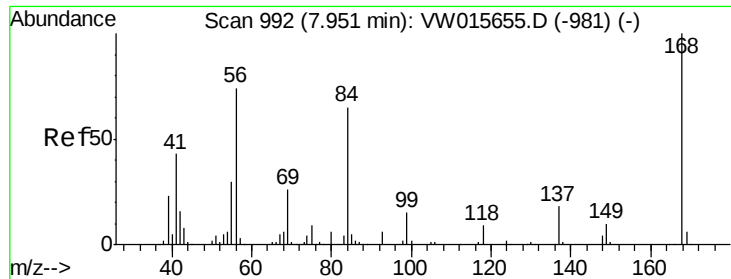
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015749.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

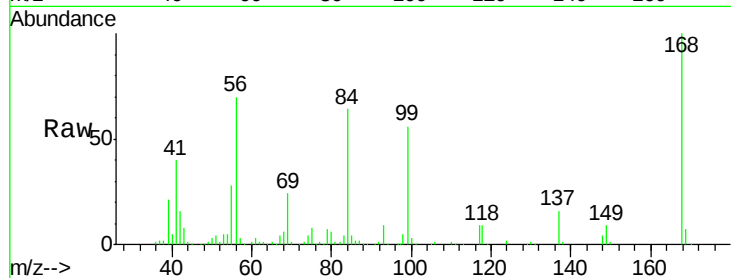
VSTDCCC050EC

Tot Ion:168 Resp: 202005

Ion Ratio Lower Upper

168 100

99 56.4 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

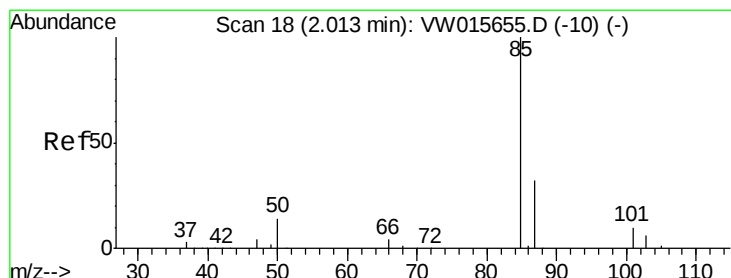
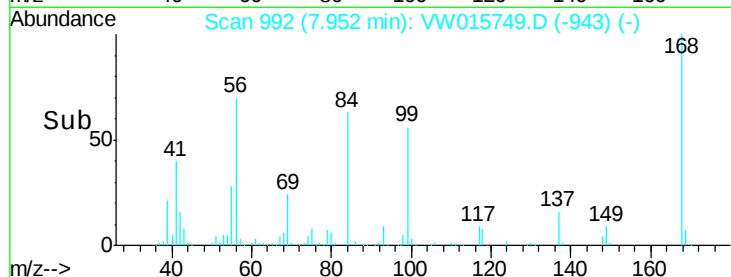
0

Time-->

7.90

8.00

8.10



#2

Dichlorodifluoromethane

Concen: 52.191 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015749.D

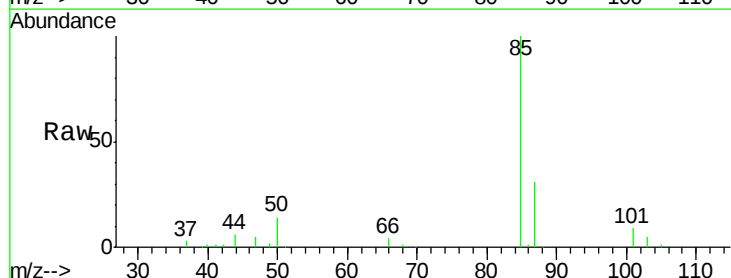
Acq: 26 Jun 2020 16:18

Tgt Ion: 85 Resp: 62862

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

5000

0

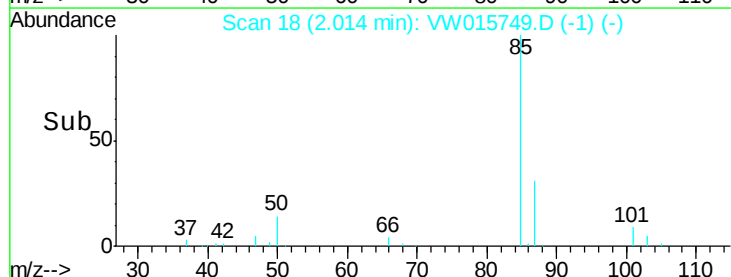
Time-->

1.90

2.00

2.10

2.20





#3

Chloromethane

Concen: 47.801 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

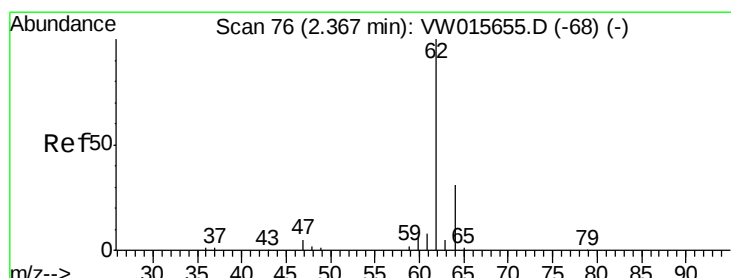
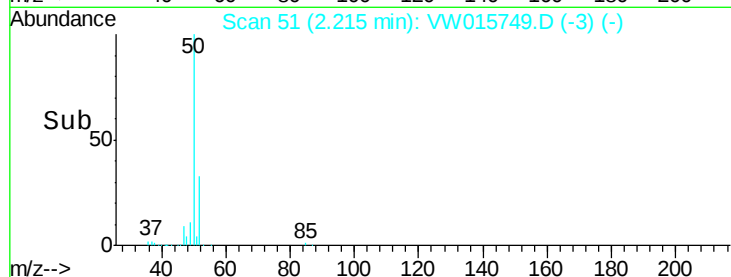
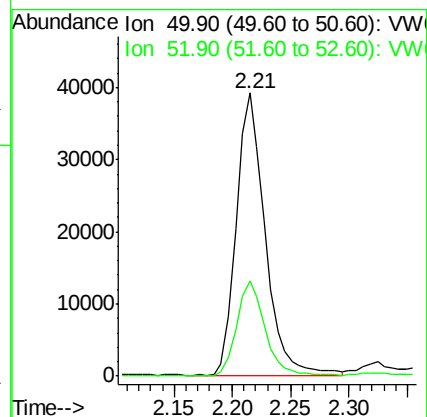
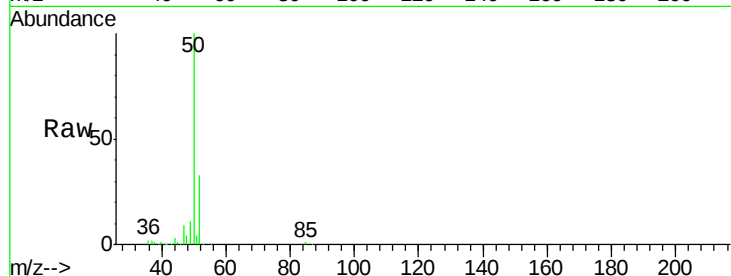
VSTDCCC050EC

Tot Ion: 50 Resp: 67608

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 49.052 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015749.D

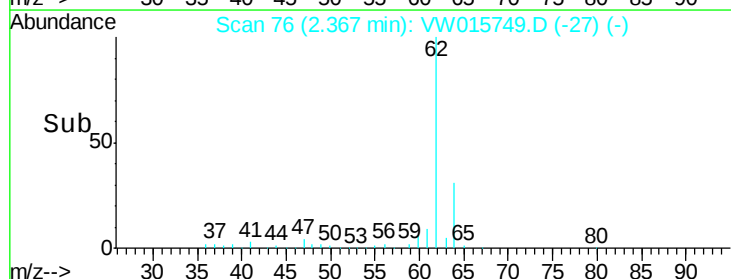
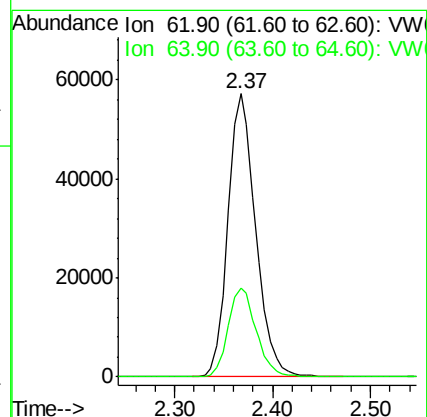
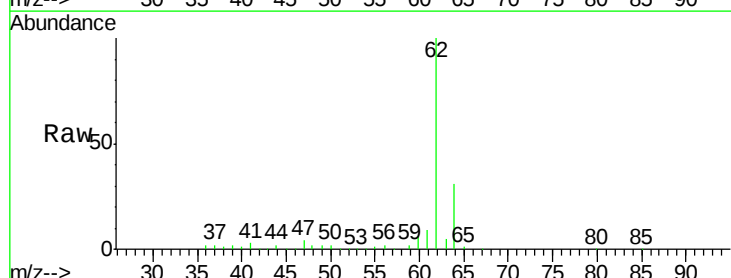
Acq: 26 Jun 2020 16:18

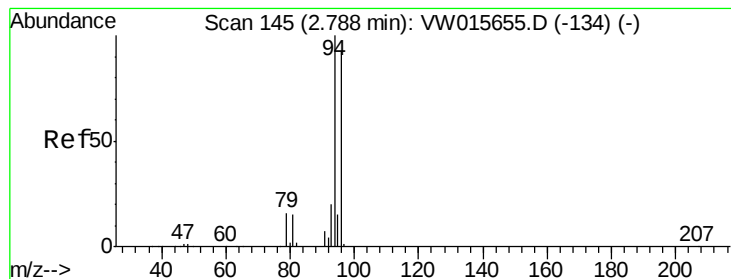
Tgt Ion: 62 Resp: 112160

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 48.882 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

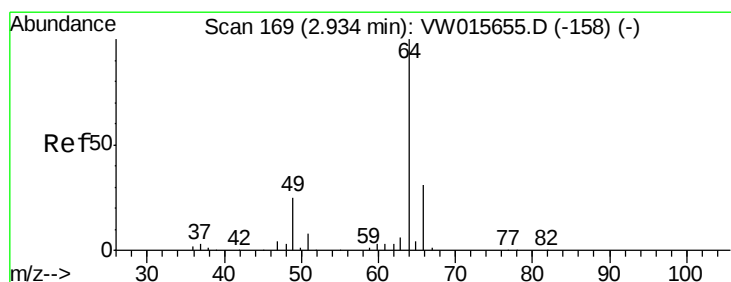
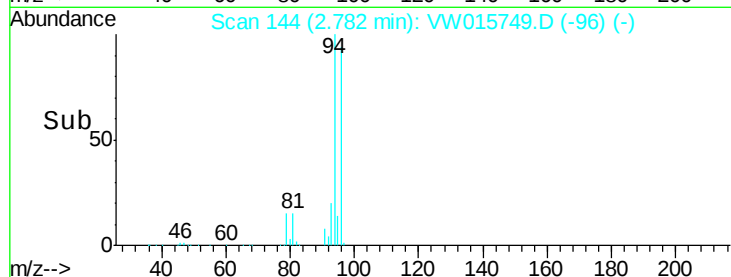
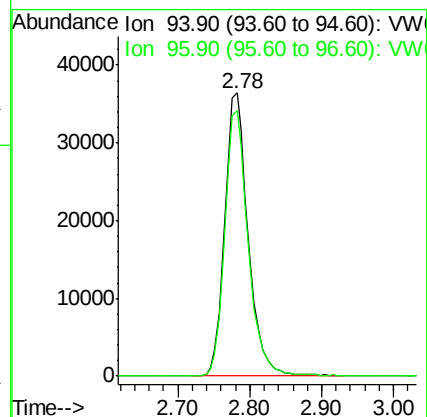
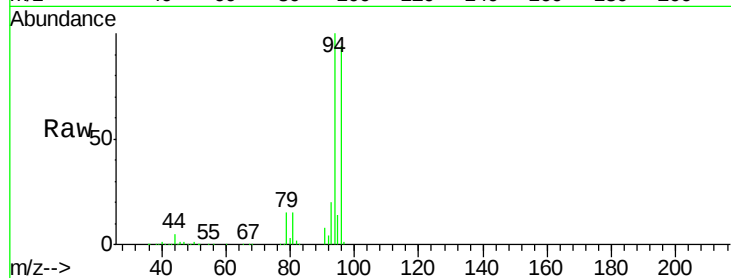
VSTDCCC050EC

Tot Ion: 94 Resp: 82149

Ion Ratio Lower Upper

94 100

96 93.4 73.8 110.6



#6

Chloroethane

Concen: 50.296 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015749.D

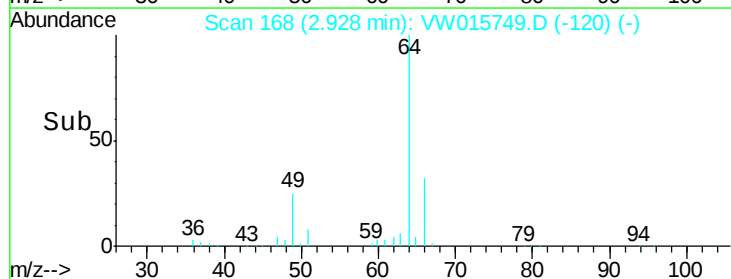
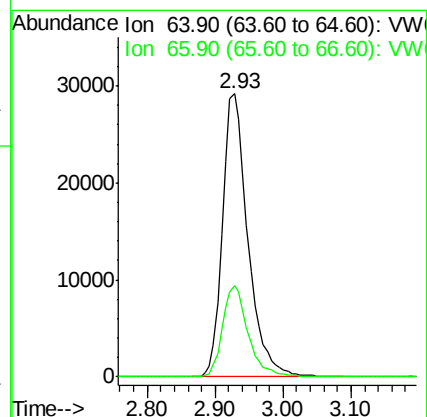
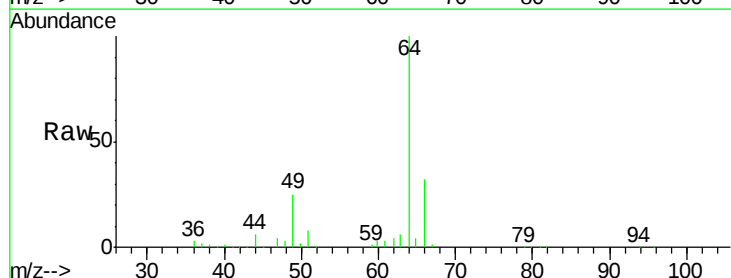
Acq: 26 Jun 2020 16:18

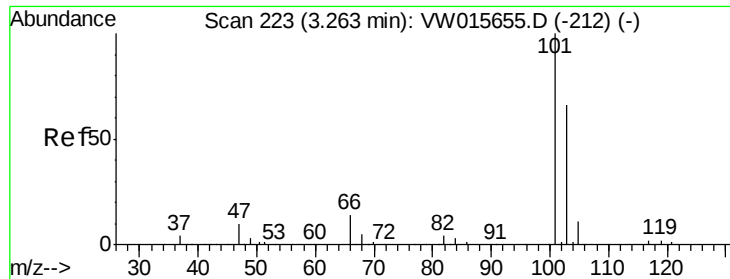
Tgt Ion: 64 Resp: 75682

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



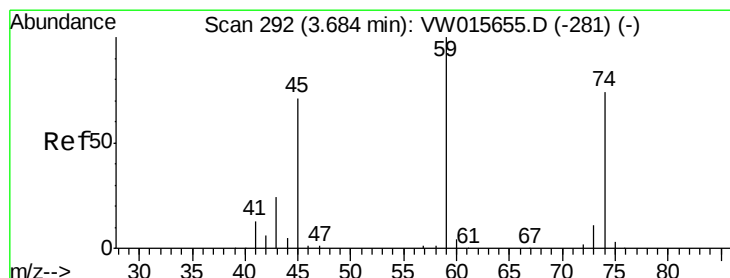
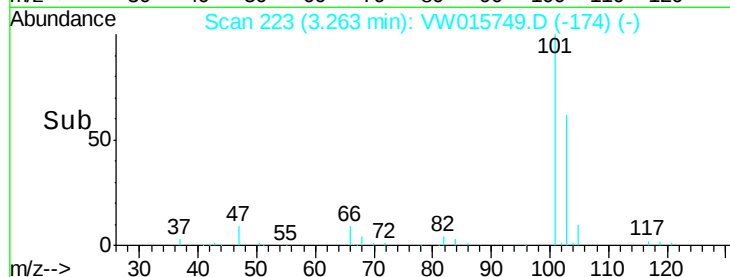
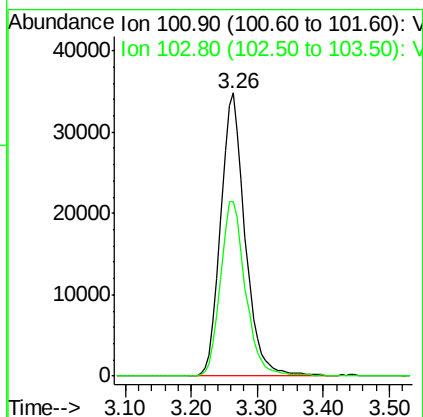
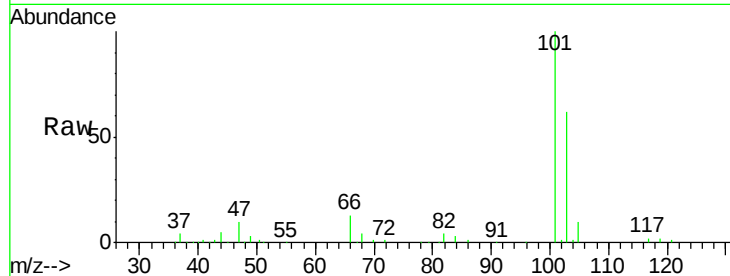


#7

Trichlorofluoromethane
 Concen: 52.016 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

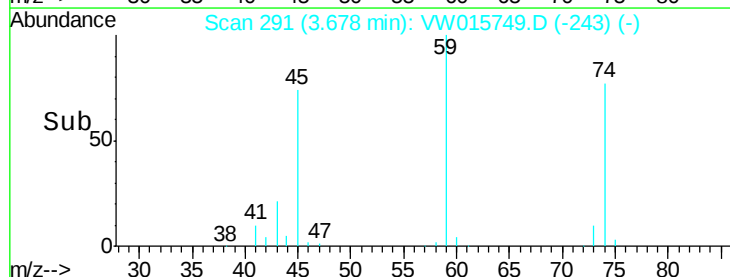
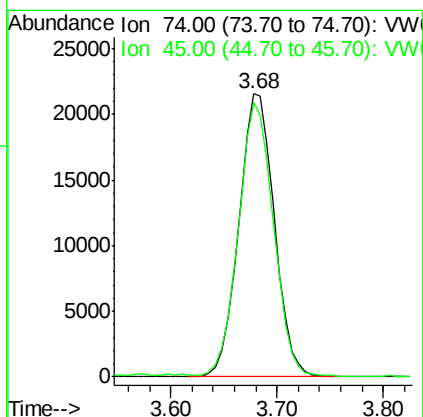
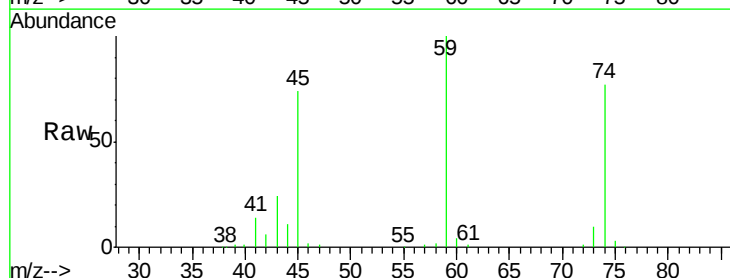
Tot Ion:101 Resp: 89304
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.6 78.8

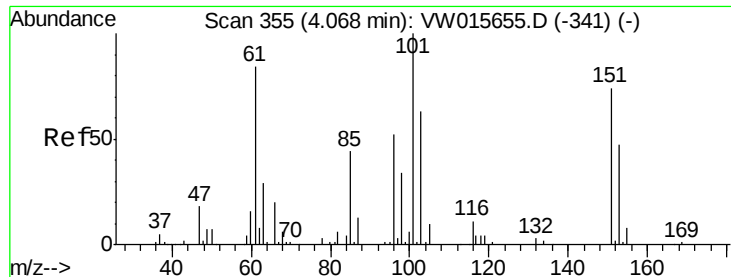


#8

Diethyl Ether
 Concen: 50.855 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion: 74 Resp: 50424
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.481 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

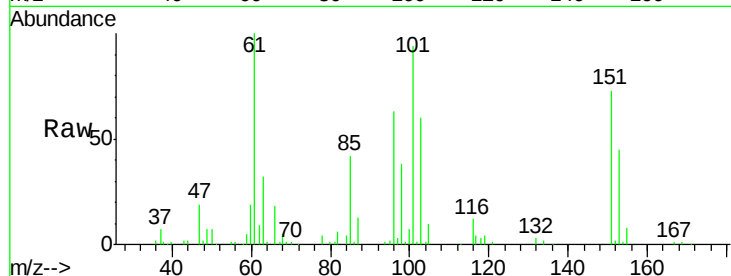
Tot Ion:101 Resp: 98110

Ion Ratio Lower Upper

101 100

85 45.5 36.6 55.0

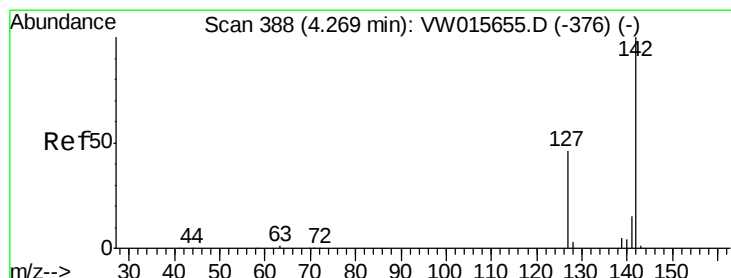
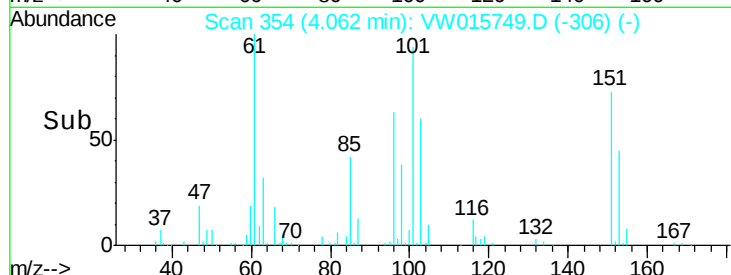
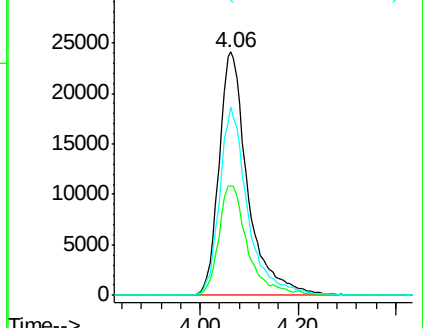
151 75.8 60.4 90.6



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: 48.890 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

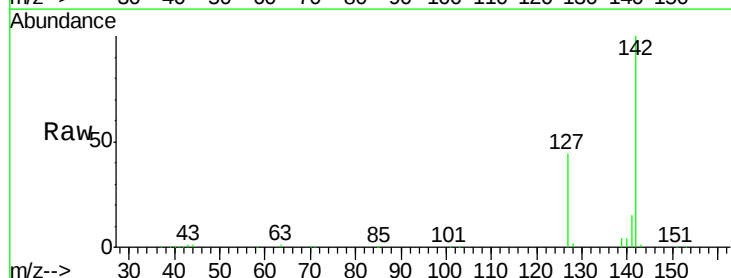
Tgt Ion:142 Resp: 139897

Ion Ratio Lower Upper

142 100

127 45.4 36.4 54.6

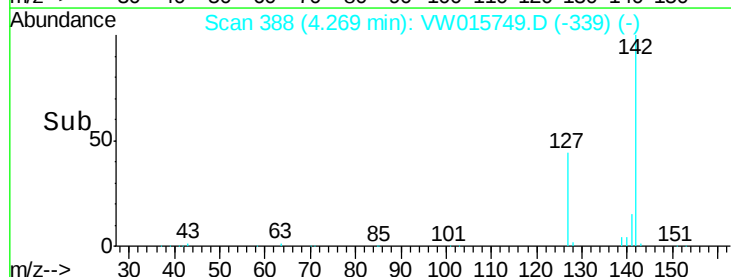
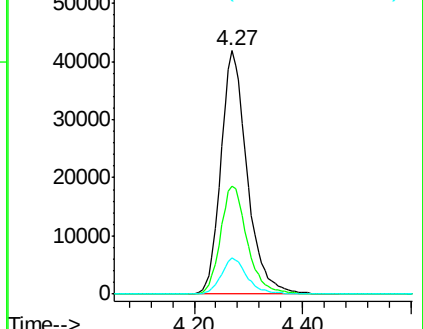
141 14.5 11.6 17.4

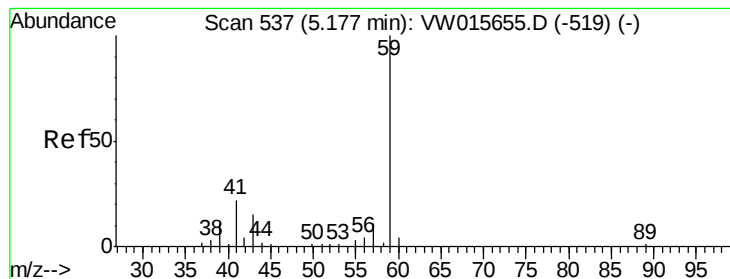


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



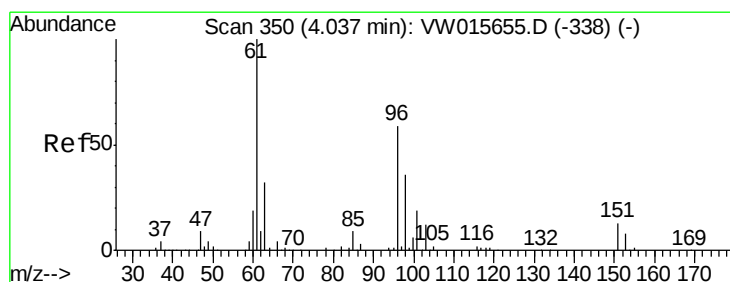
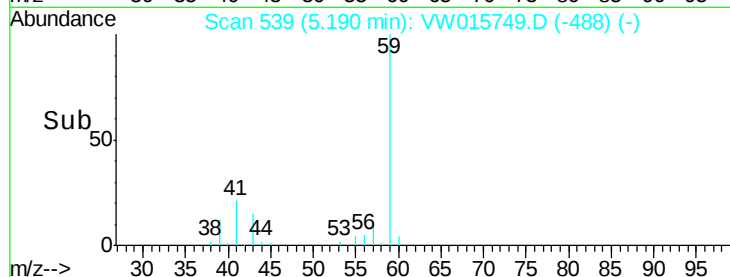
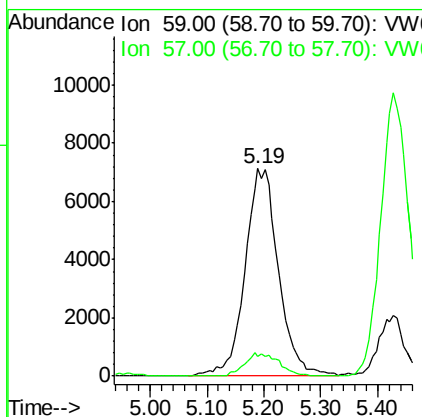
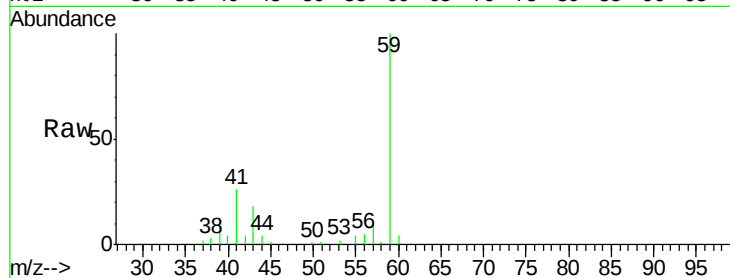


#11

Tert butyl alcohol
 Concen: 231.467 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

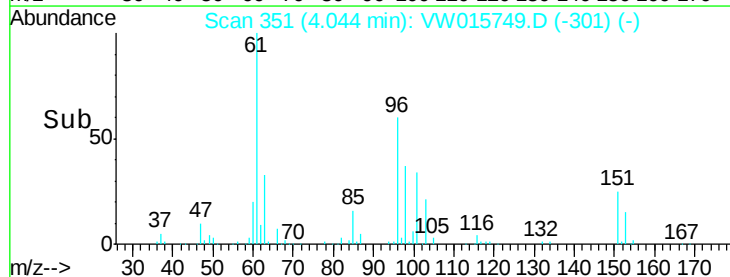
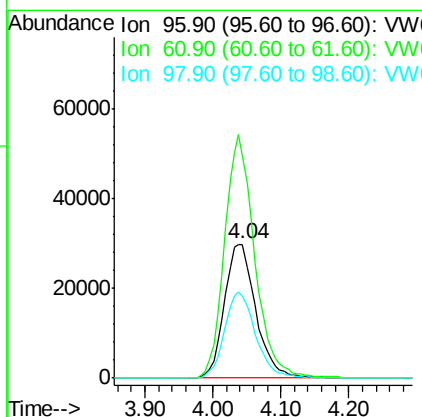
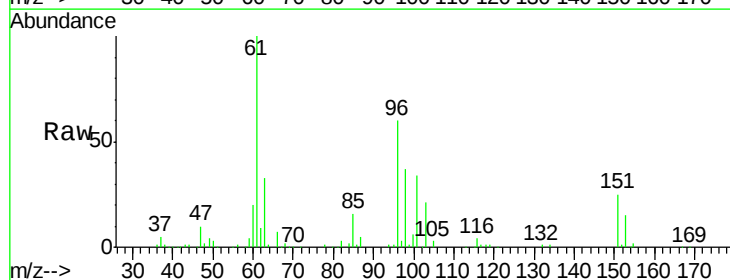
Tot Ion: 59 Resp: 29156
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.4 12.6

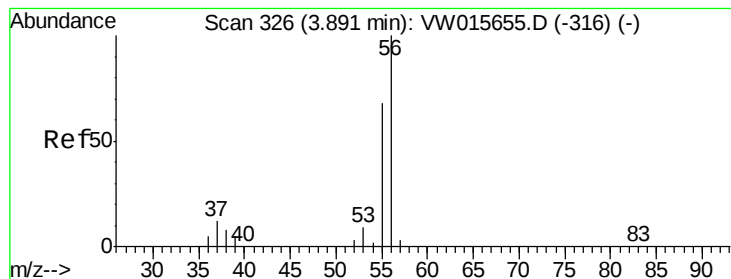


#12

1,1-Dichloroethene
 Concen: 48.582 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion: 96 Resp: 95730
 Ion Ratio Lower Upper
 96 100
 61 166.6 136.7 205.1
 98 61.4 49.2 73.8





#13

Acrolein

Concen: 182.703 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

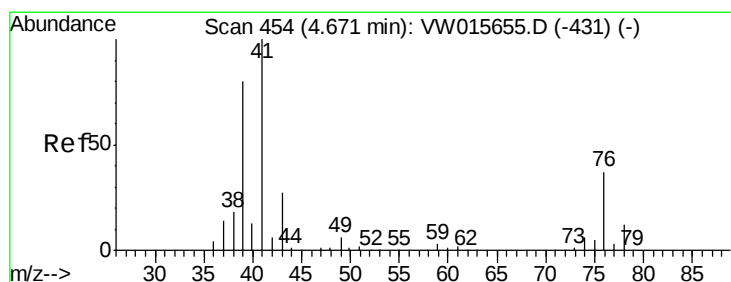
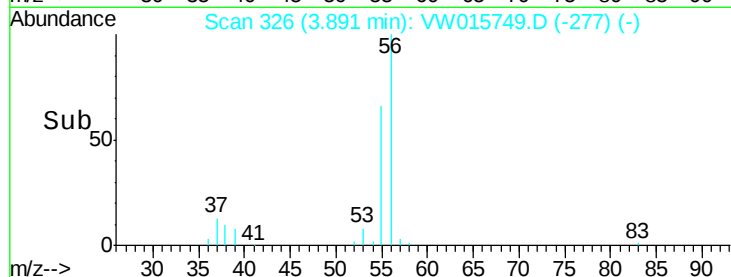
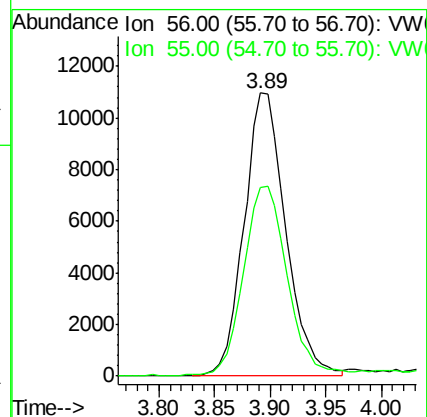
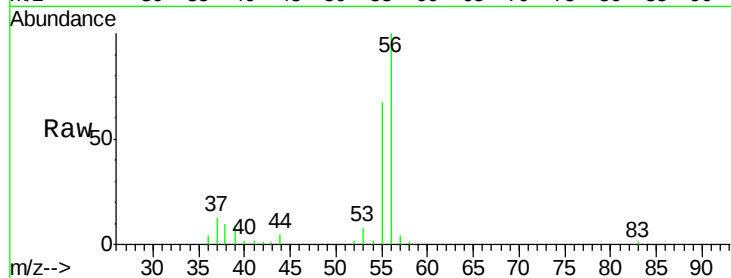
VSTDCCC050EC

Tot Ion: 56 Resp: 28526

Ion Ratio Lower Upper

56 100

55 70.8 56.2 84.2



#14

Allyl chloride

Concen: 48.859 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

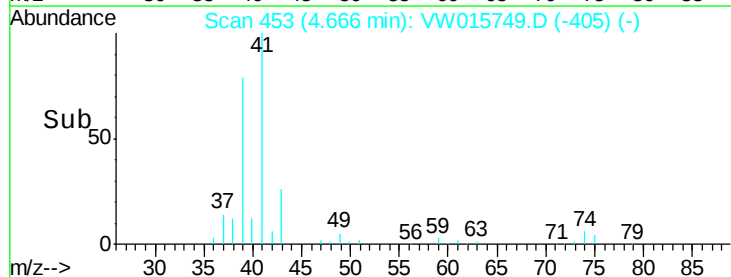
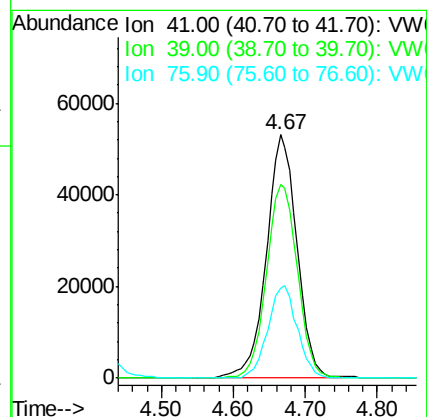
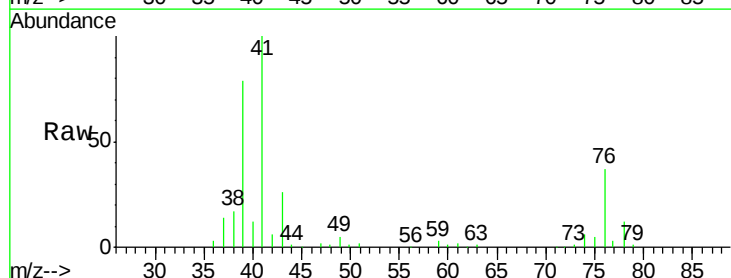
Tgt Ion: 41 Resp: 156197

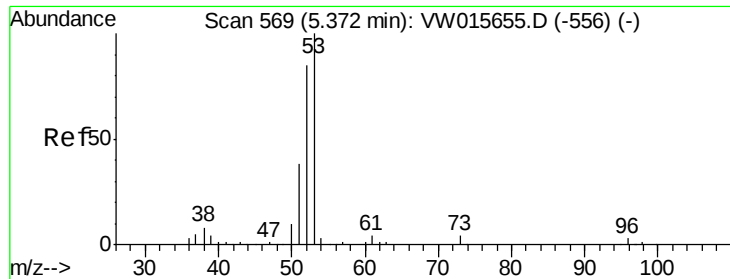
Ion Ratio Lower Upper

41 100

39 80.7 64.6 97.0

76 36.5 29.1 43.7





#15

Acrylonitrile

Concen: 255.270 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

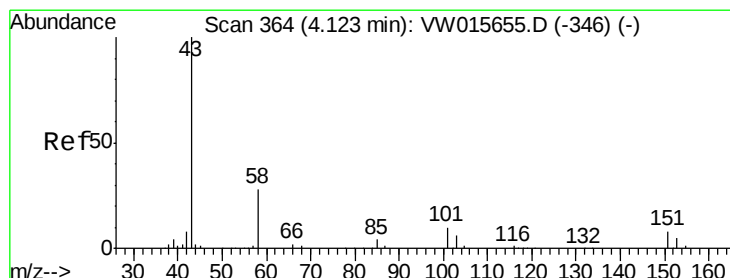
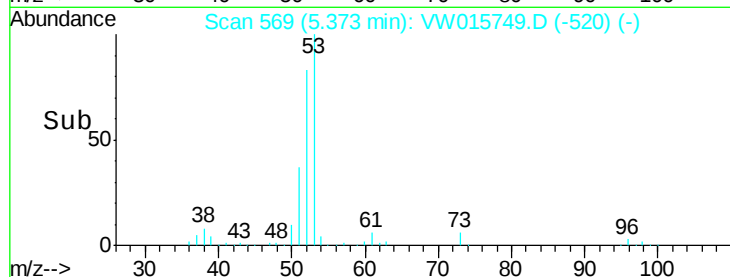
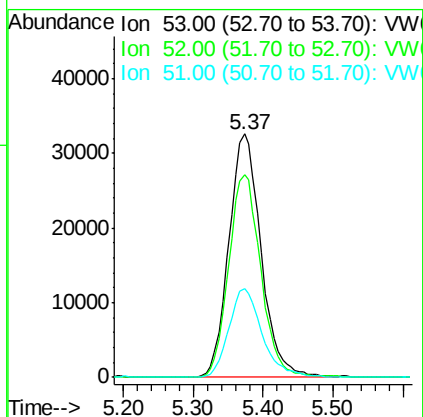
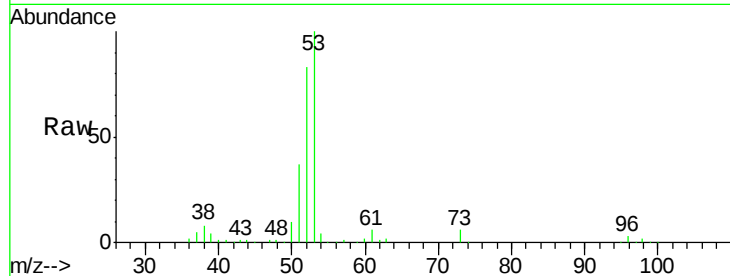
Tot Ion: 53 Resp: 104428

Ion Ratio Lower Upper

53 100

52 83.2 65.8 98.6

51 37.9 30.7 46.1



#16

Acetone

Concen: 260.653 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015749.D

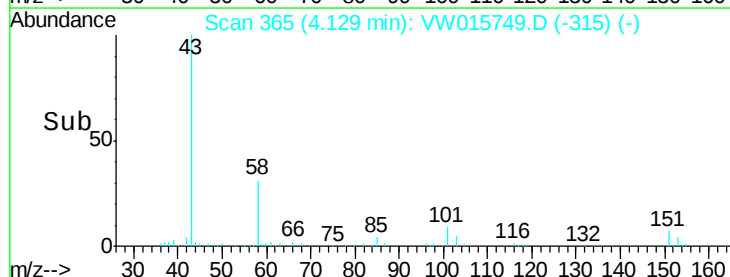
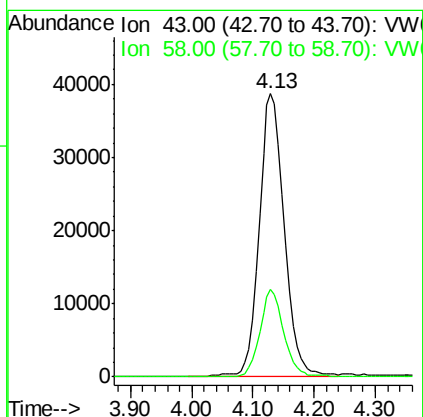
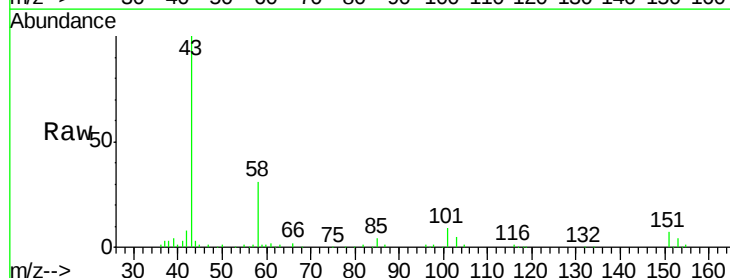
Acq: 26 Jun 2020 16:18

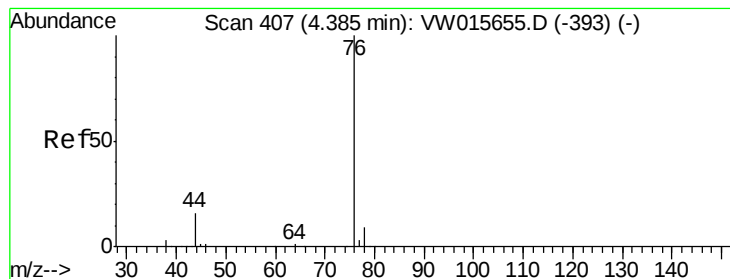
Tgt Ion: 43 Resp: 111370

Ion Ratio Lower Upper

43 100

58 31.0 22.6 33.8





#17

Carbon Disulfide

Concen: 47.112 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

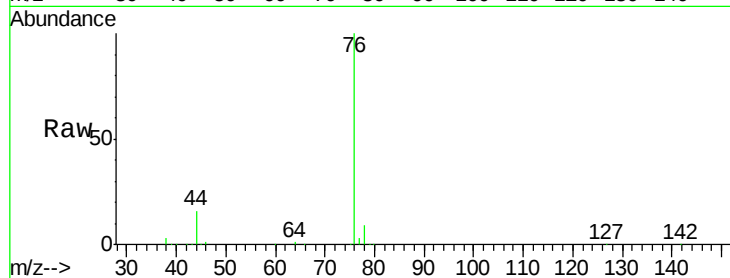
VSTDCCC050EC

Tot Ion: 76 Resp: 267187

Ion Ratio Lower Upper

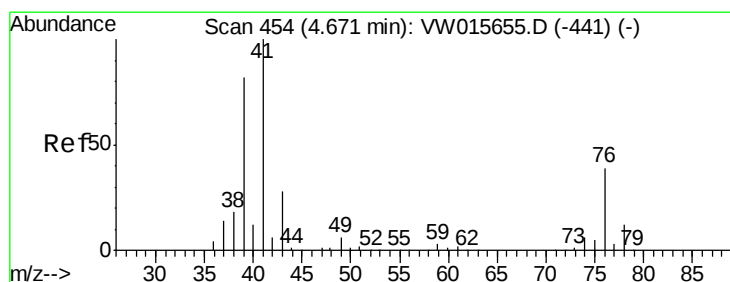
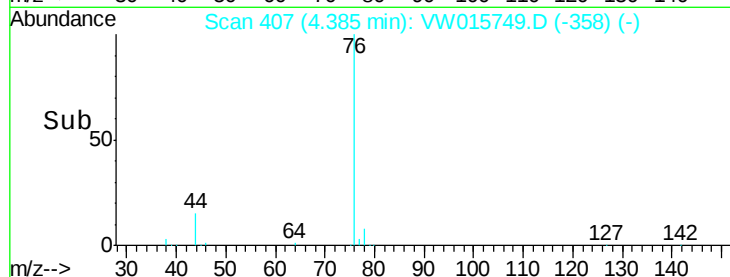
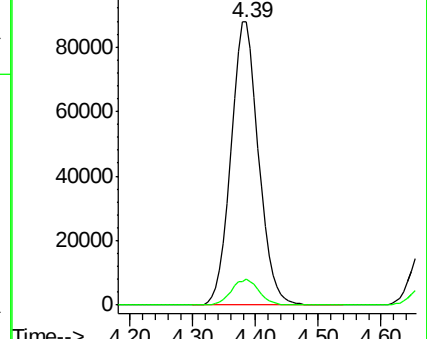
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 53.022 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015749.D

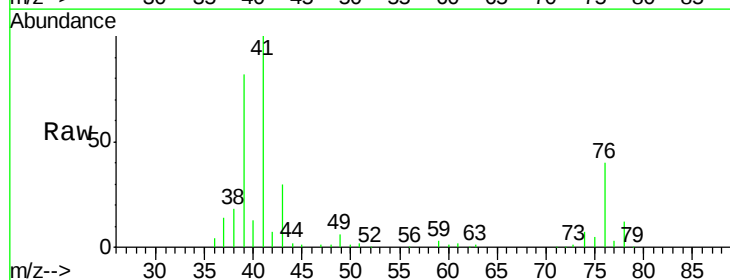
Acq: 26 Jun 2020 16:18

Tgt Ion: 43 Resp: 46626

Ion Ratio Lower Upper

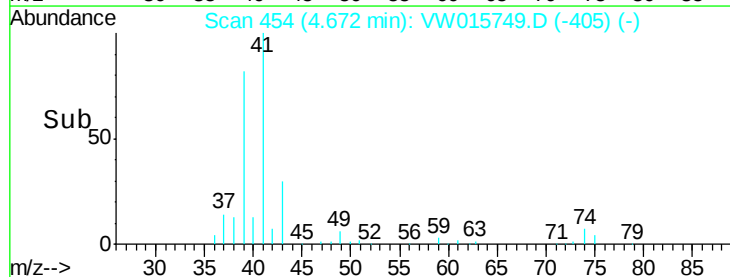
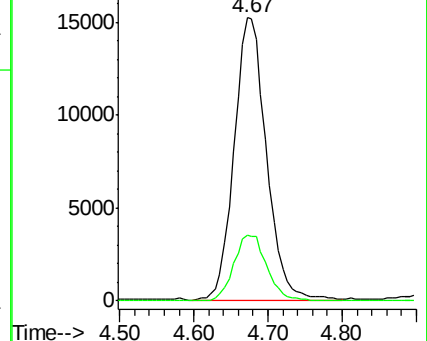
43 100

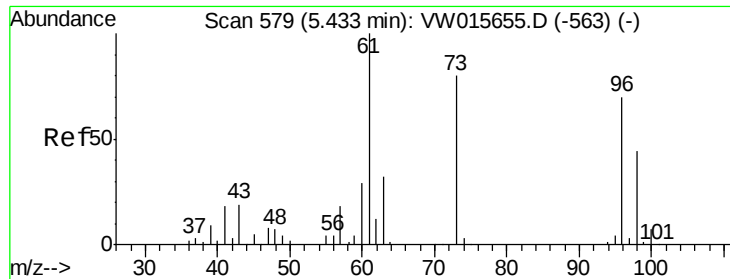
74 23.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

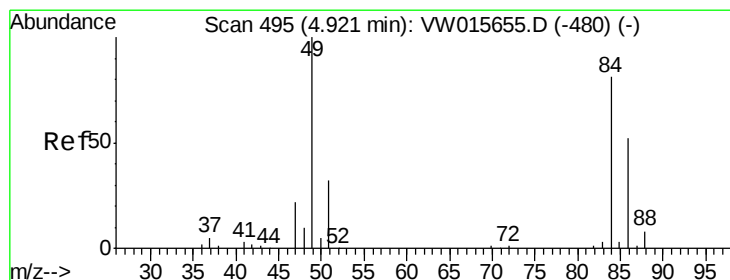
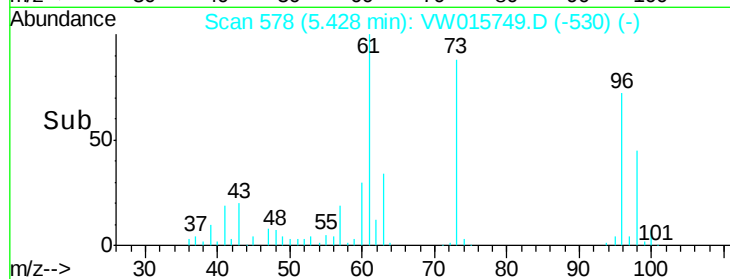
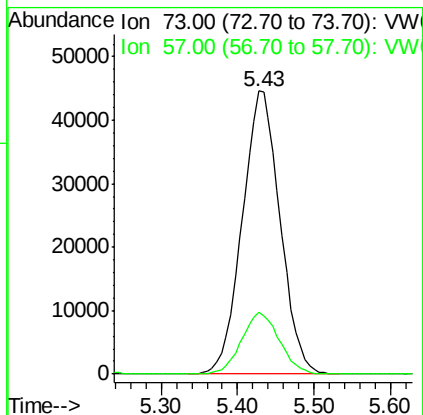
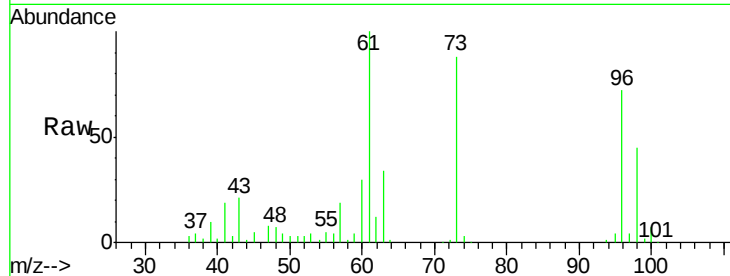




#19
Methvl tert-butvl Ether
Concen: 51.602 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

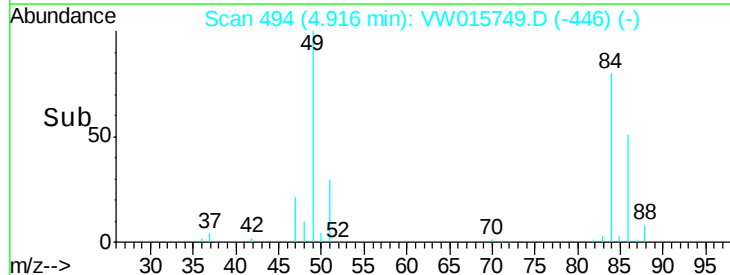
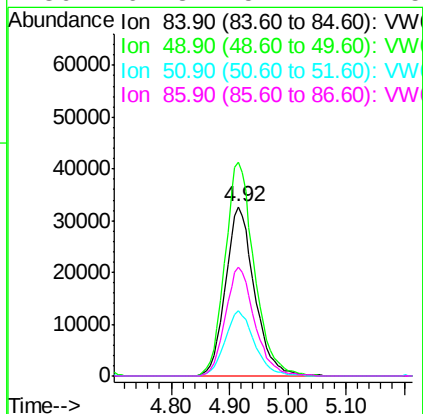
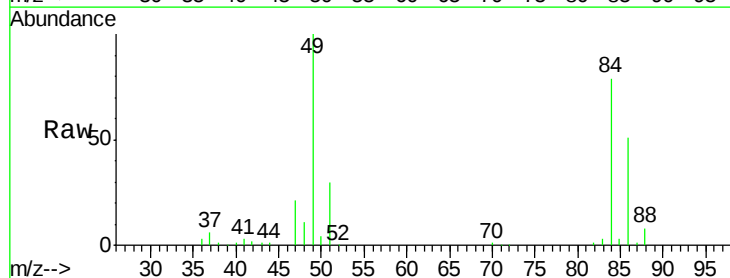
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

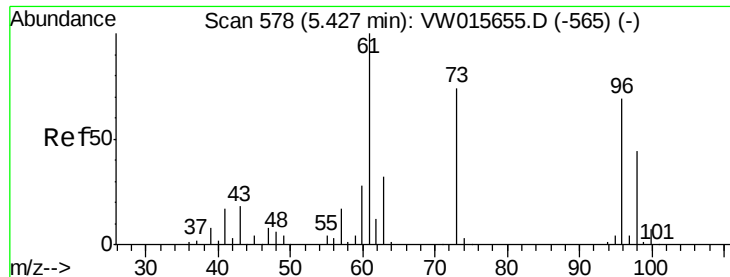
Tot Ion: 73 Resp: 153030
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1



#20
Methylene Chloride
Concen: 54.732 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 84 Resp: 113043
Ion Ratio Lower Upper
84 100
49 126.2 99.3 148.9
51 38.3 31.8 47.6
86 64.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 49.207 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

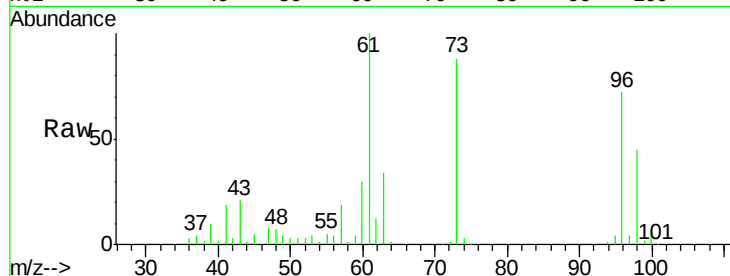
Tot Ion: 96 Resp: 111169

Ion Ratio Lower Upper

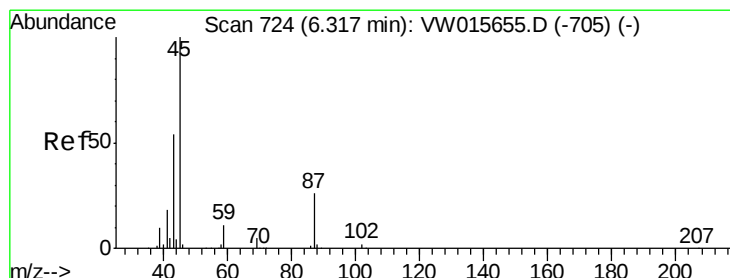
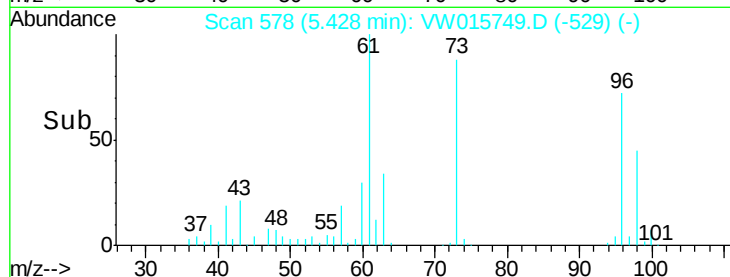
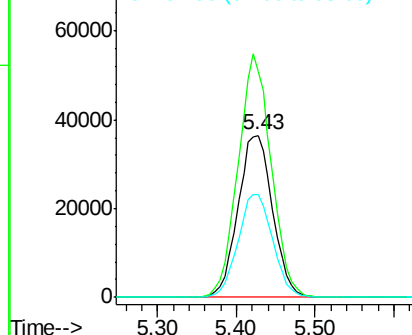
96 100

61 139.4 116.2 174.2

98 63.3 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.198 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Tgt Ion: 45 Resp: 319174

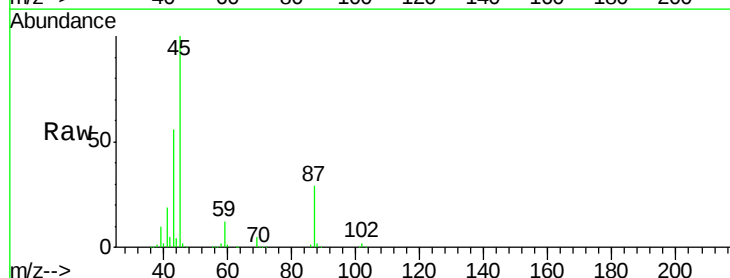
Ion Ratio Lower Upper

45 100

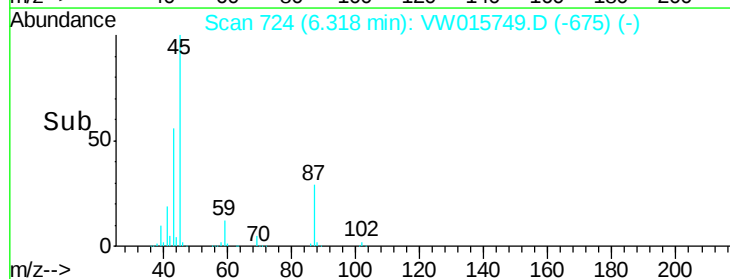
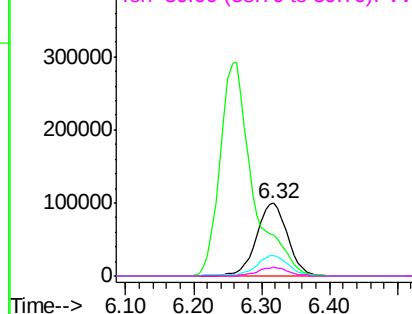
43 56.1 43.9 65.9

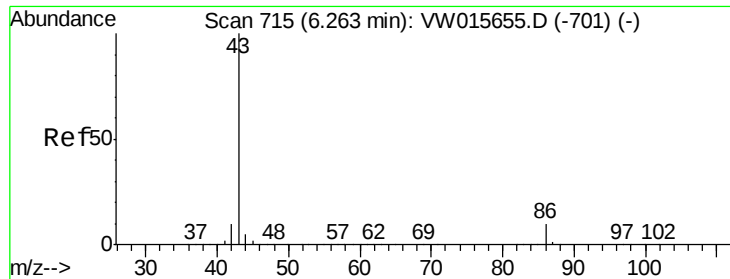
87 28.5 21.2 31.8

59 11.7 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

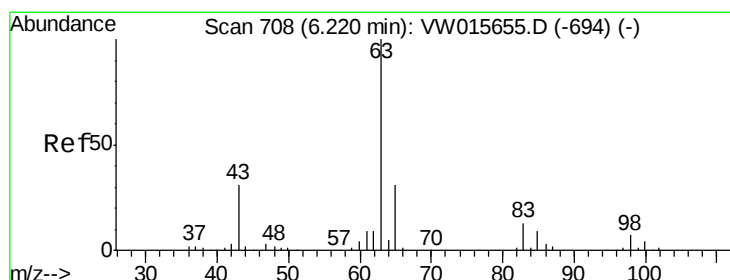
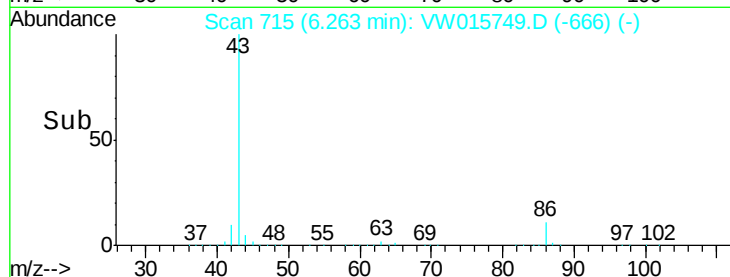
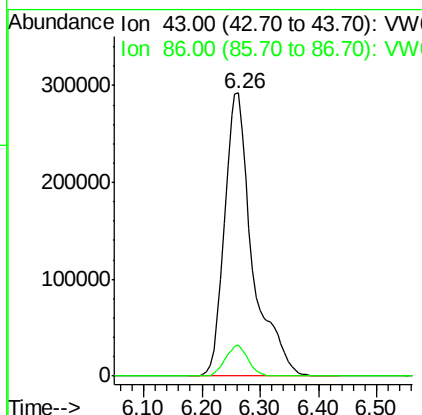
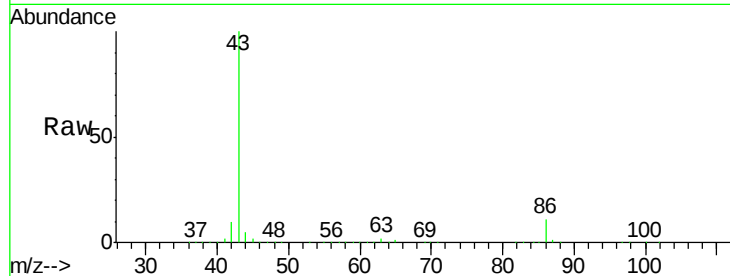




#23
 Vinyl Acetate
 Concen: 262.997 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

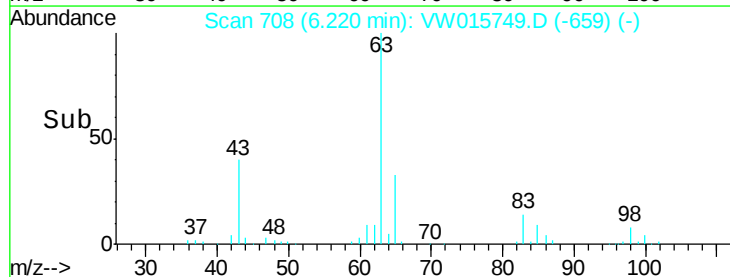
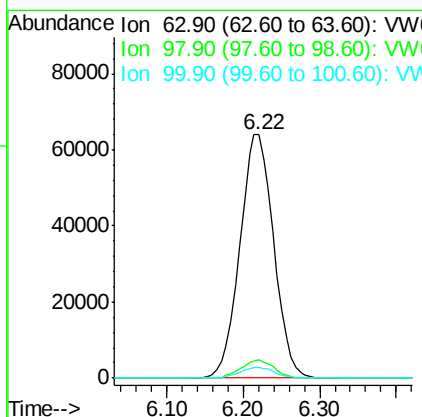
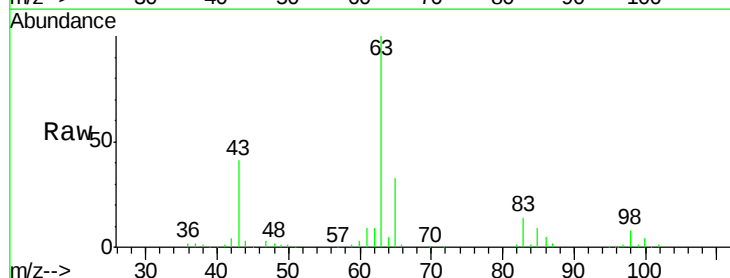
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

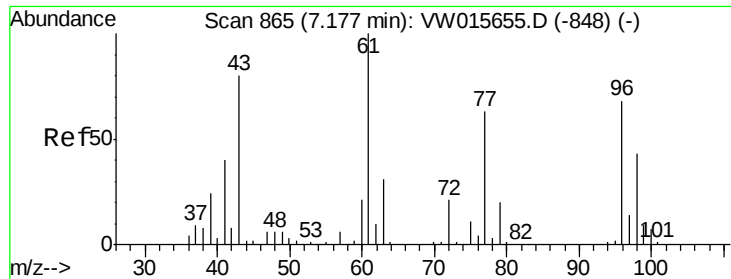
Tot Ion: 43 Resp: 975167
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 49.038 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion: 63 Resp: 196270
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.5 2.1 6.3

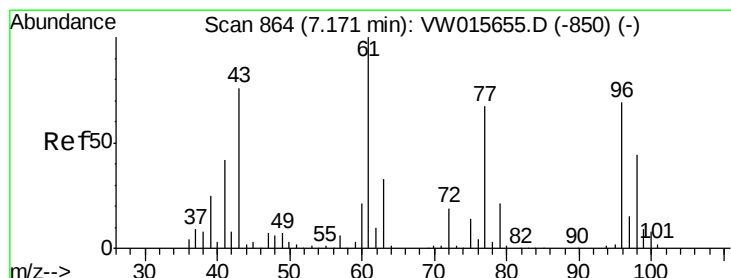
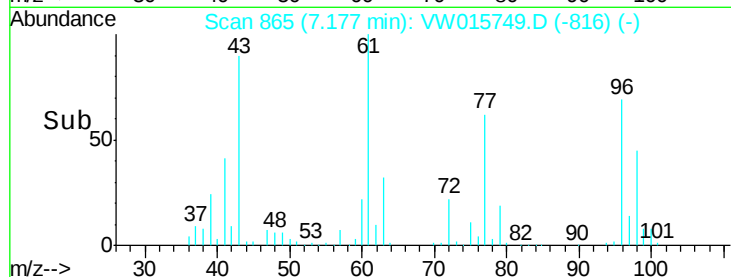
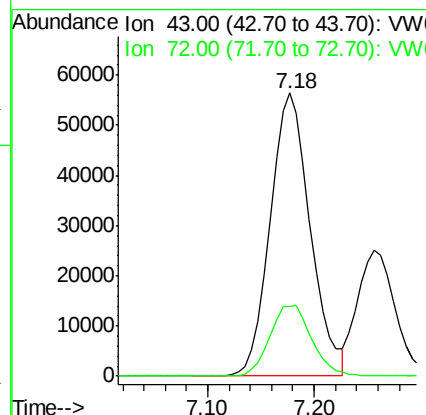
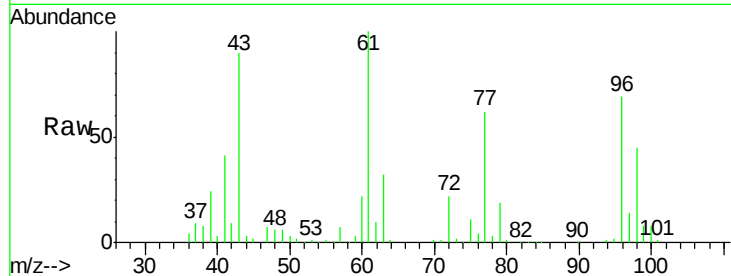




#25
2-Butanone
Concen: 254.717 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

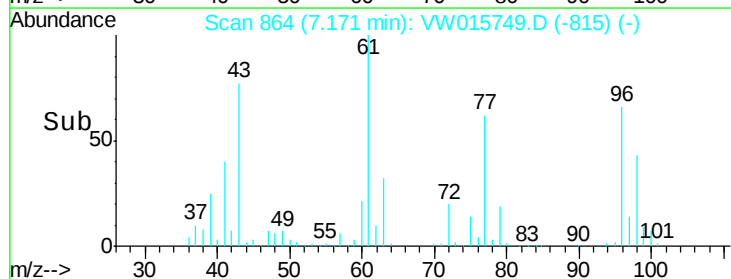
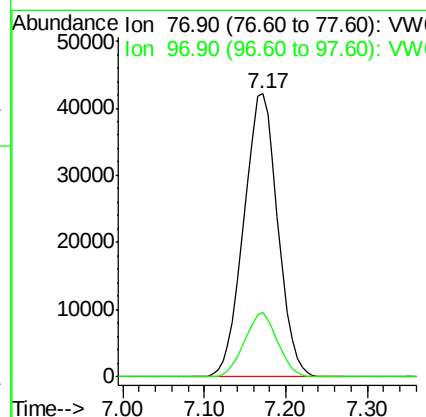
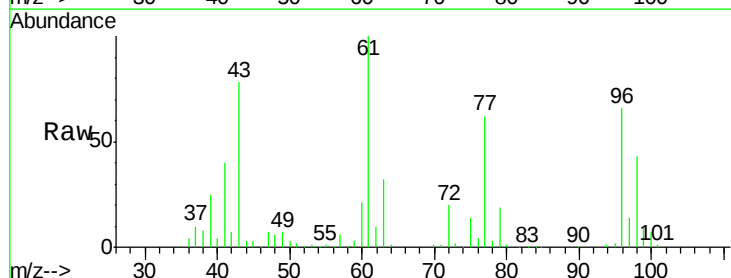
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

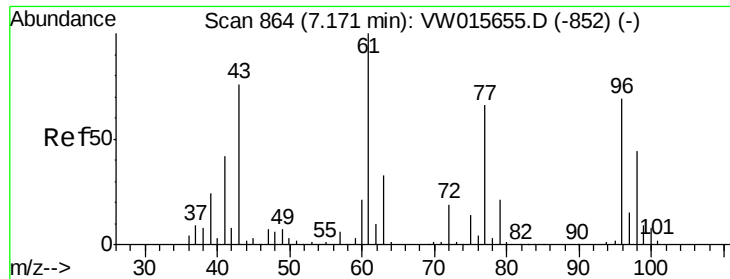
Tot Ion: 43 Resp: 147092
Ion Ratio Lower Upper
43 100
72 24.7 21.1 31.7



#26
2,2-Dichloropropane
Concen: 45.509 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 77 Resp: 122168
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5

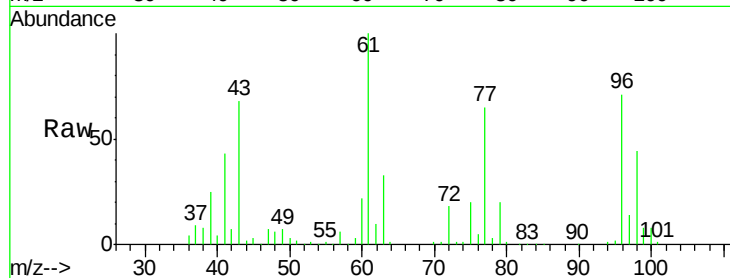




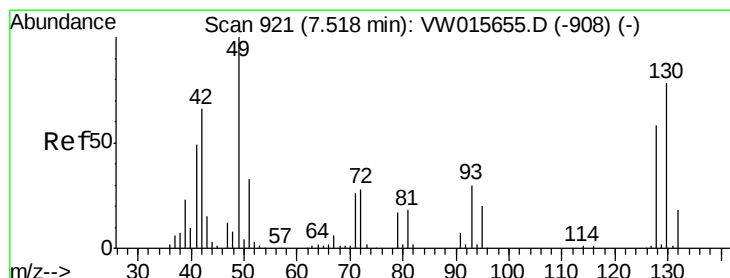
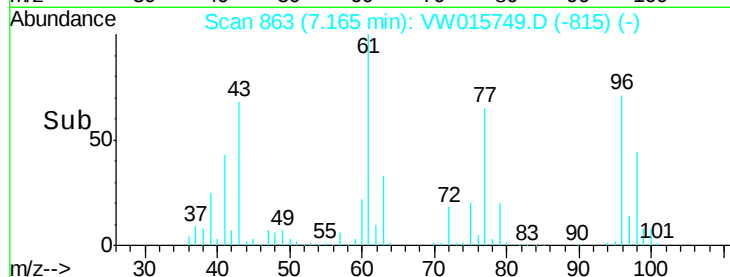
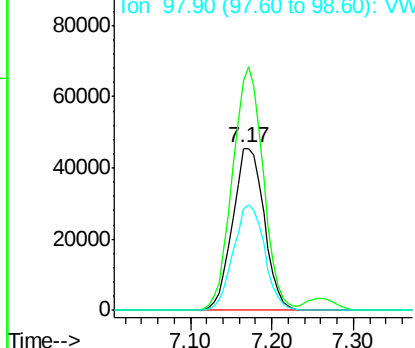
#27
 cis-1,2-Dichloroethene
 Concen: 50.040 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 121613
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 296.8
 98 64.4 0.0 128.0

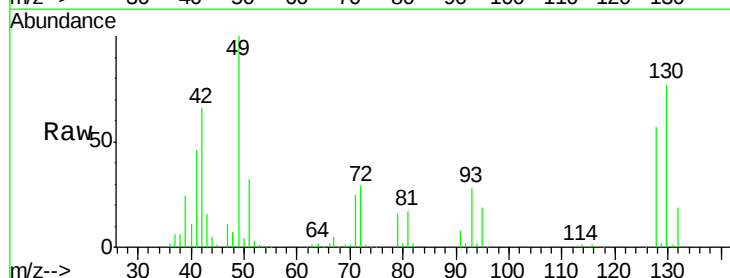


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

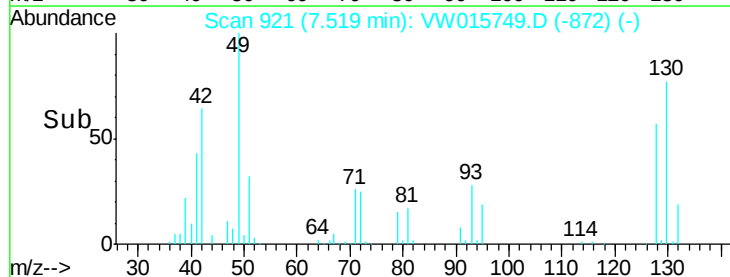
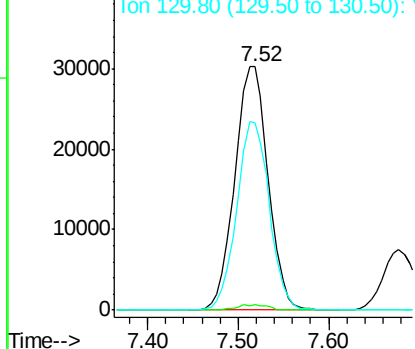


#28
 Bromochloromethane
 Concen: 50.032 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion: 49 Resp: 77028
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 75.6 61.0 91.4



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

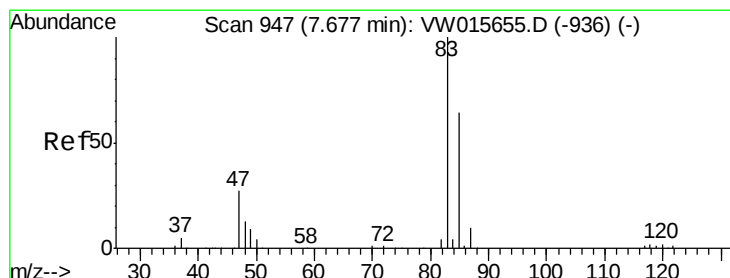
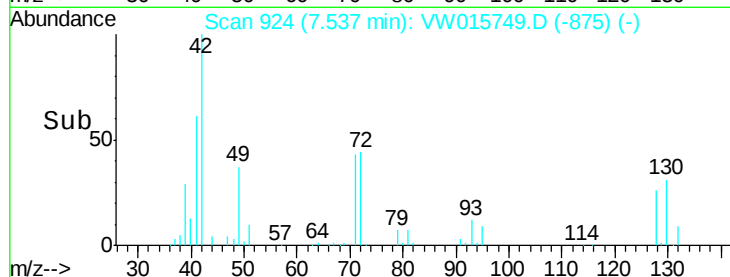
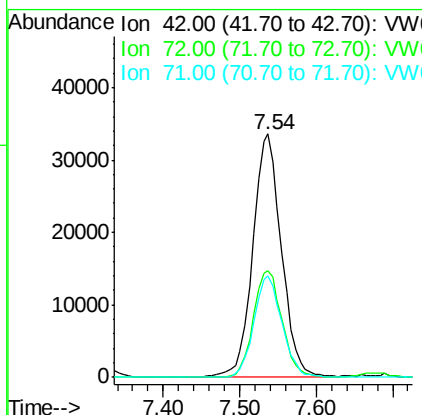
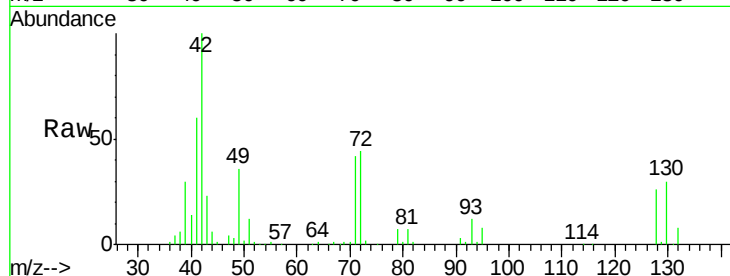




#29
Tetrahydrofuran
Concen: 258.064 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

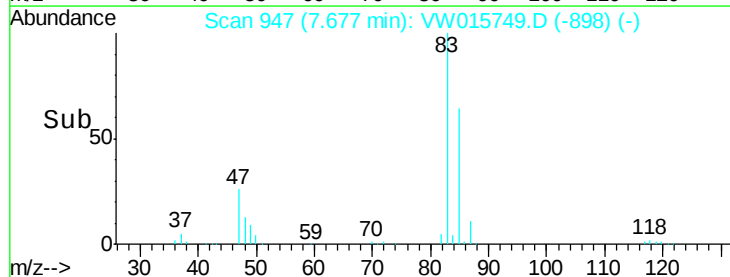
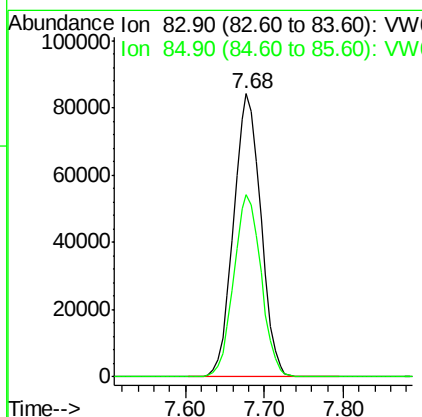
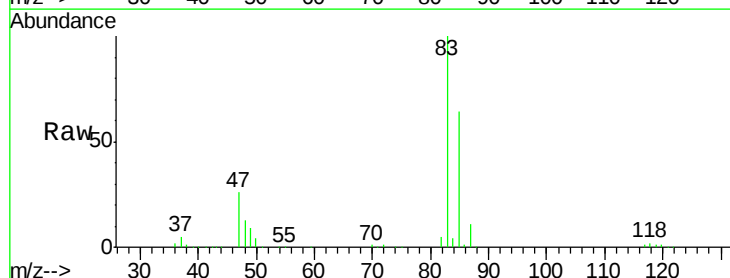
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

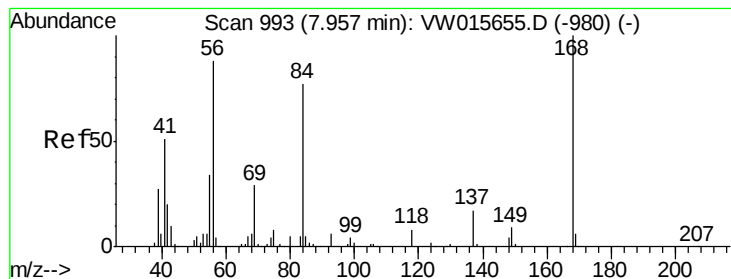
Tot Ion: 42 Resp: 87573
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.6
71 41.0 32.6 49.0



#30
Chloroform
Concen: 49.381 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 83 Resp: 202697
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4





#31

Cyclohexane

Concen: 46.870 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

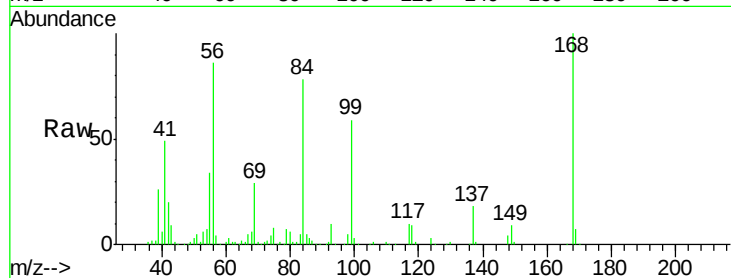
Tot Ion: 56 Resp: 181463

Ion Ratio Lower Upper

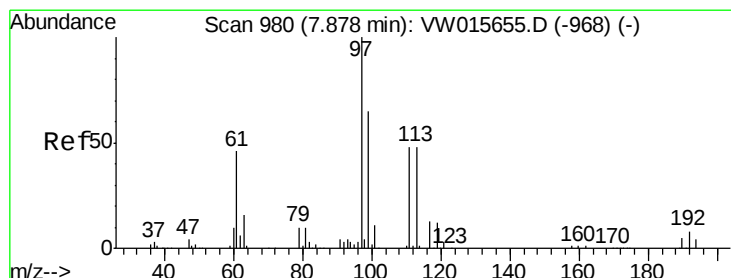
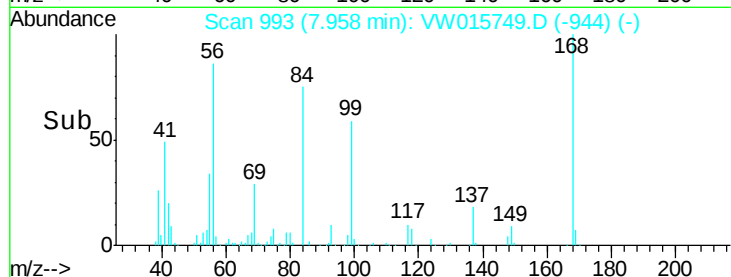
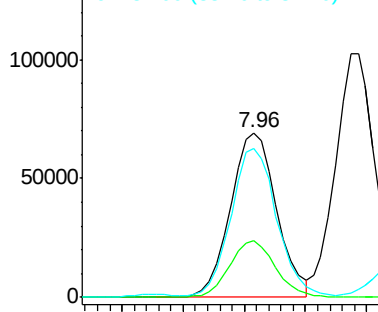
56 100

69 34.4 26.2 39.4

84 89.0 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: 48.738 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

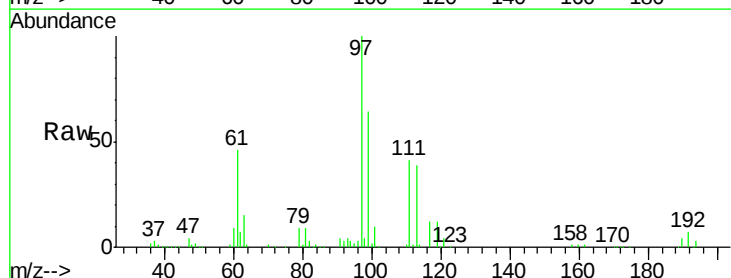
Tgt Ion: 97 Resp: 170532

Ion Ratio Lower Upper

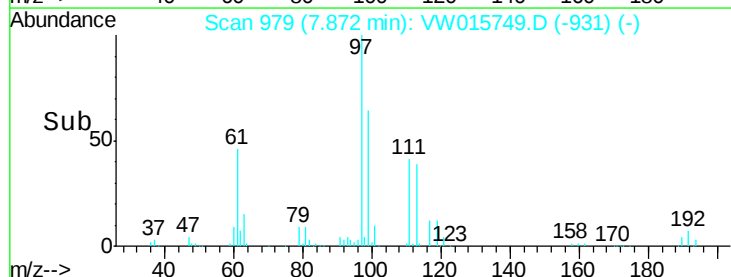
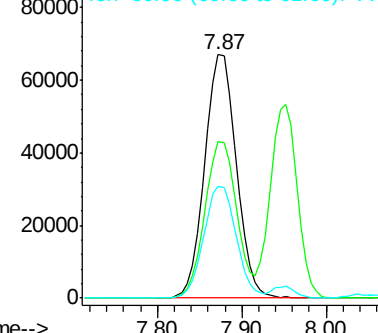
97 100

99 65.0 51.9 77.9

61 47.0 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: 49.196 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

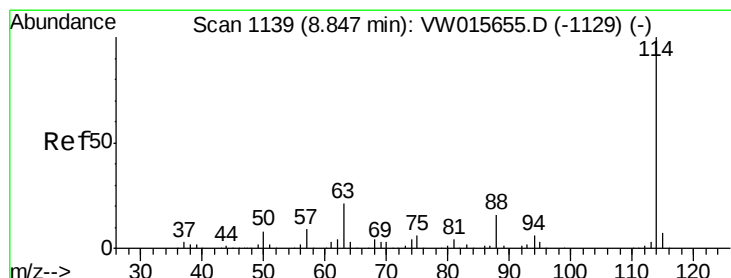
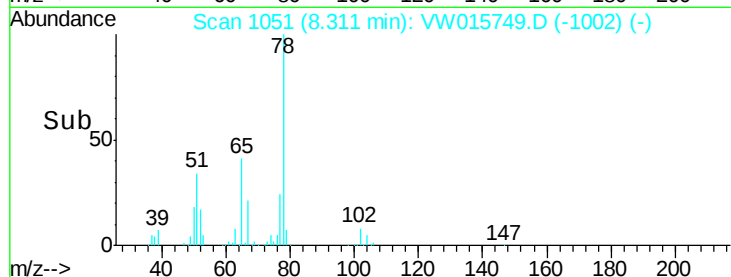
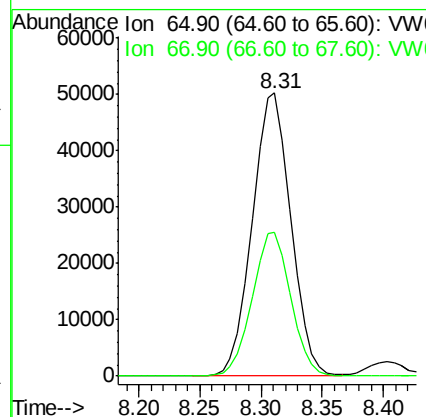
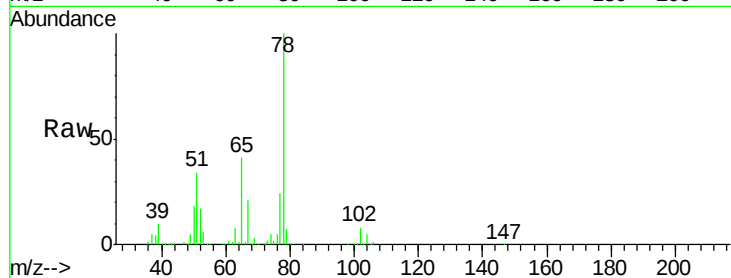
VSTDCCC050EC

Tot Ion: 65 Resp: 110573

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

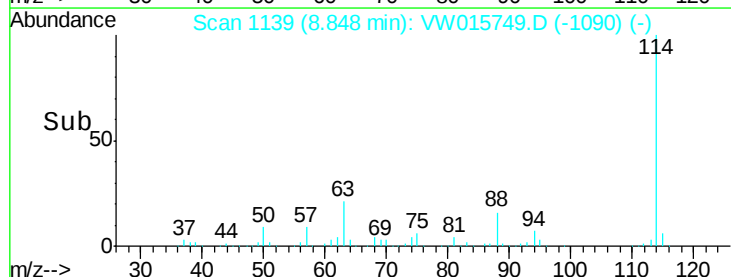
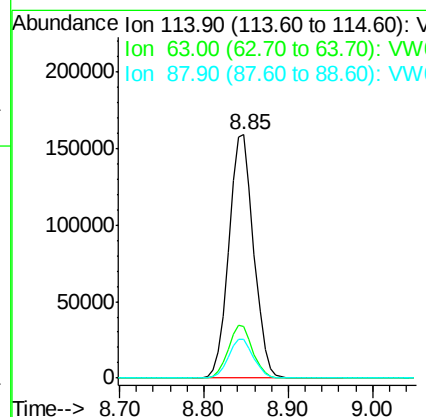
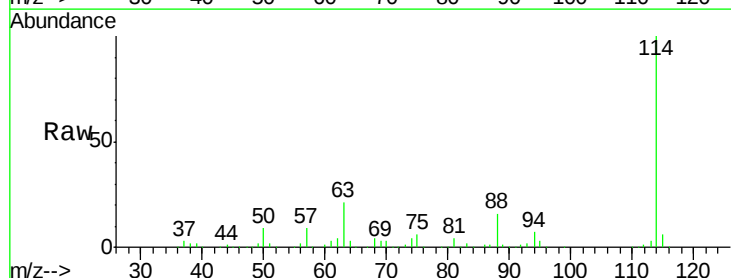
Tgt Ion: 114 Resp: 318106

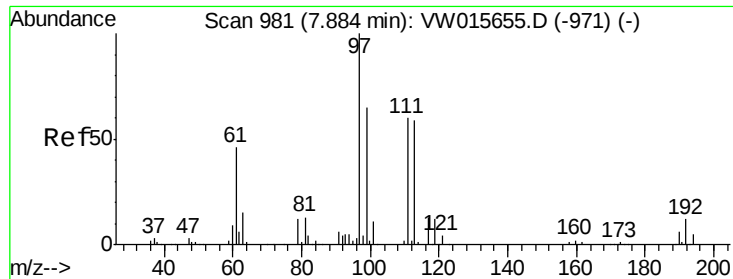
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.291 ug/l

RT: 7.89 min Scan# 982

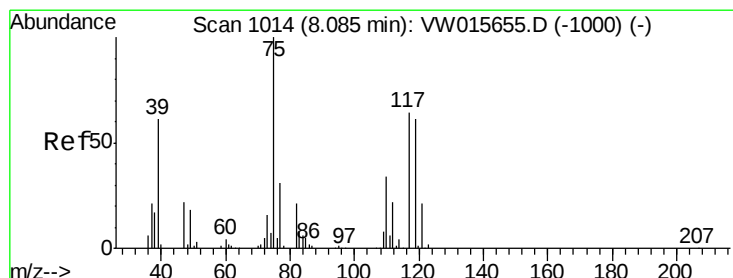
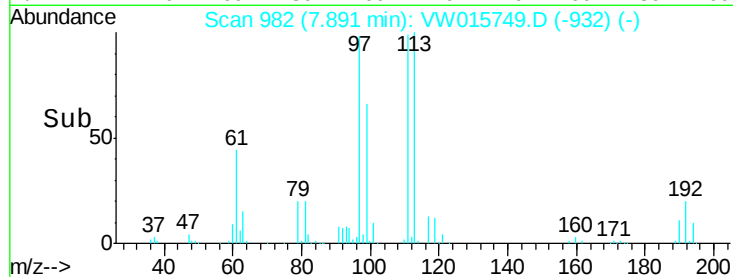
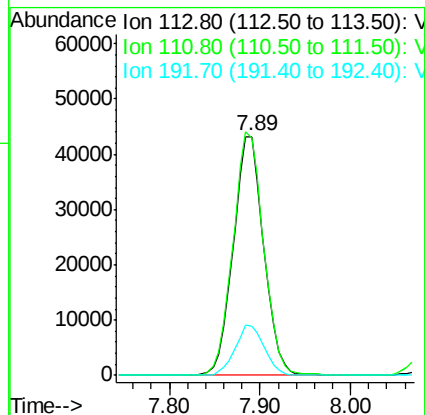
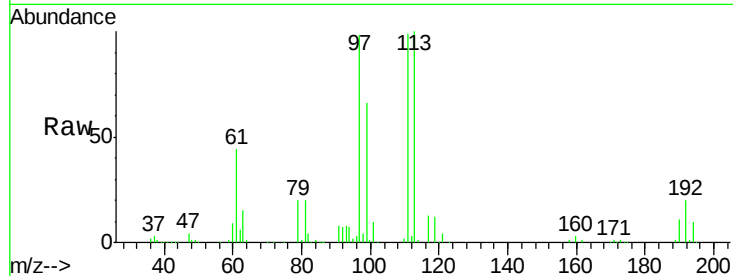
Delta R.T. 0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	113	Resp:	100632
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	20.2	16.4	24.6



#36

1,1-Dichloropropene

Concen: 50.177 ug/l

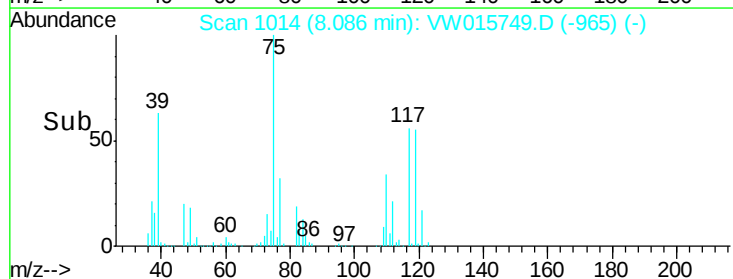
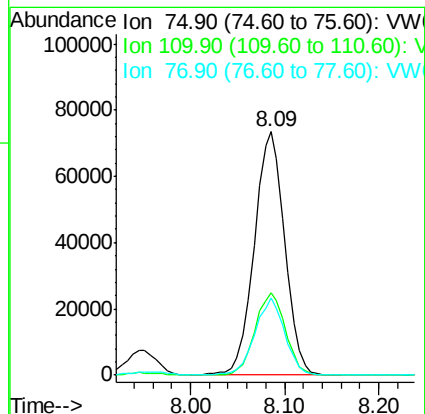
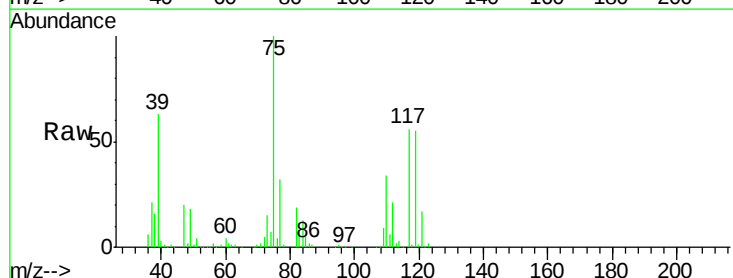
RT: 8.09 min Scan# 1014

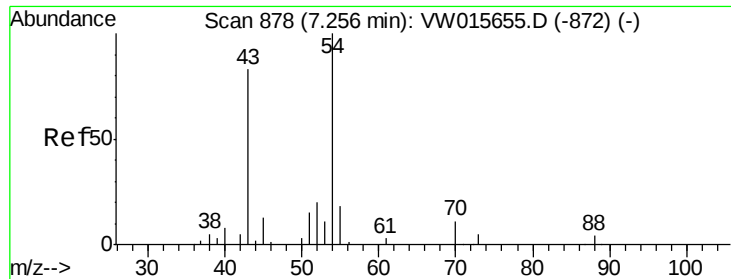
Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Tgt Ion:	75	Resp:	166015
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.0	51.0
77	31.1	24.6	36.8

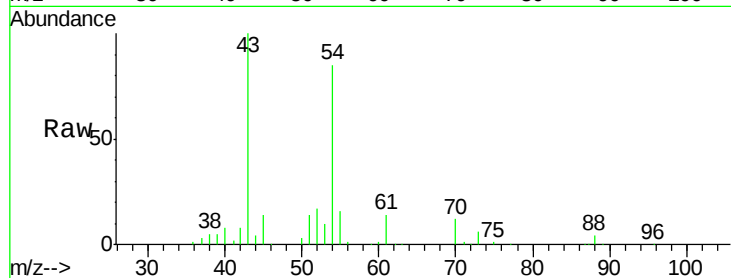




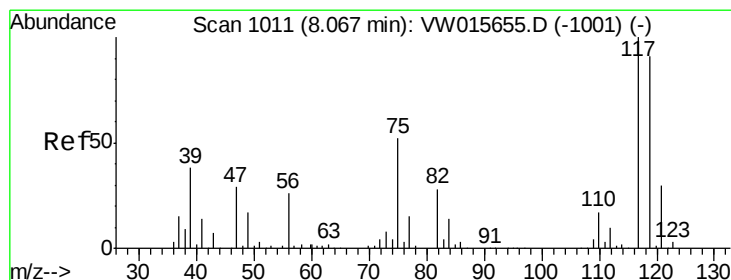
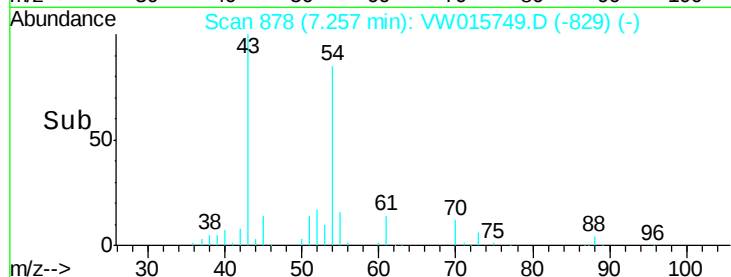
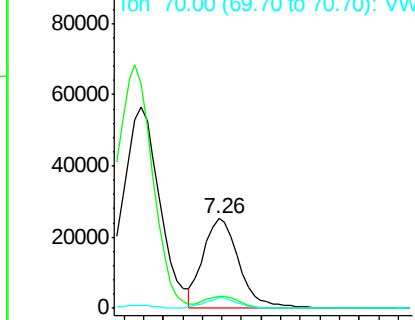
#37
Ethyl Acetate
Concen: 50.135 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 63336
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 10.9 8.4 12.6

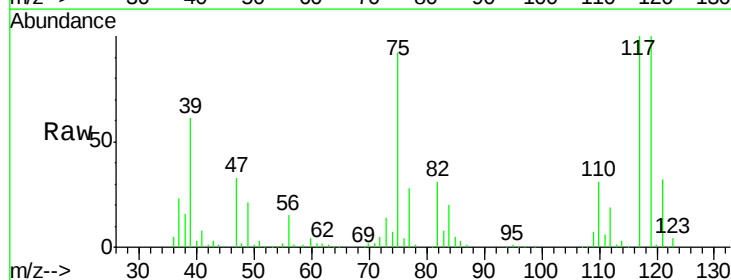


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

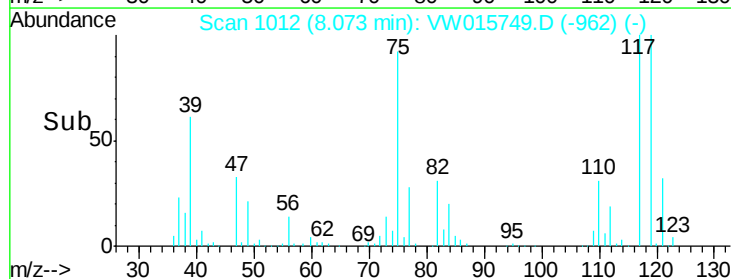
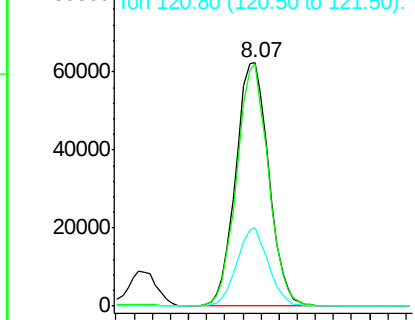


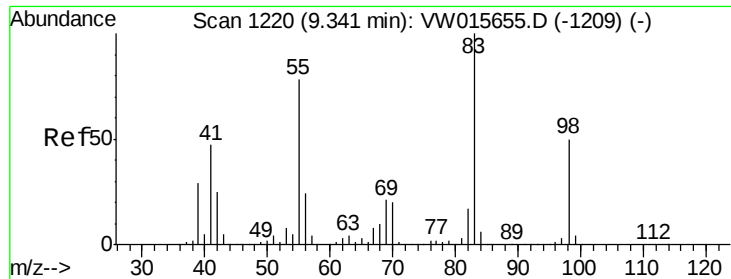
#38
Carbon Tetrachloride
Concen: 49.210 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 117 Resp: 157827
Ion Ratio Lower Upper
117 100
119 99.6 73.2 109.8
121 32.1 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

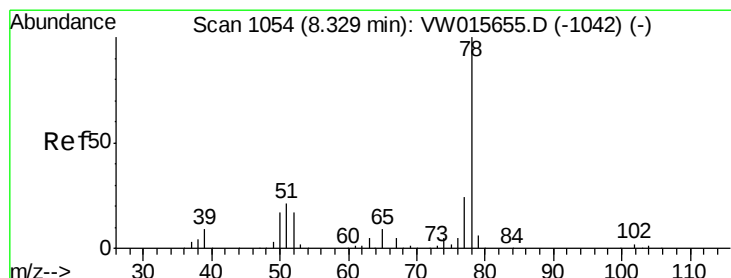
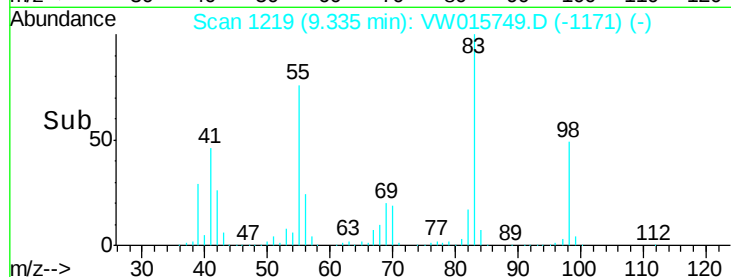
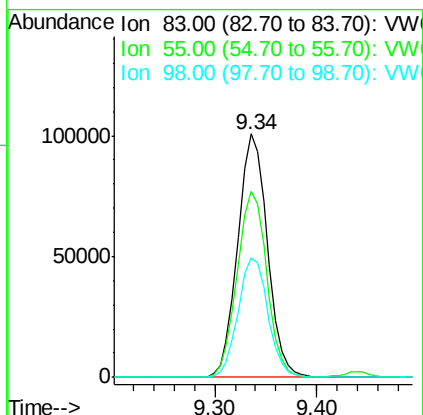
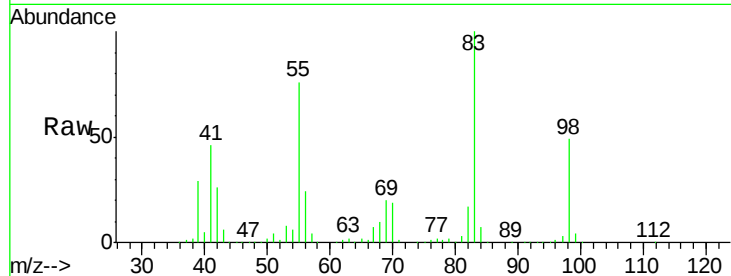




#39
Methvlcvclohexane
Concen: 50.839 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

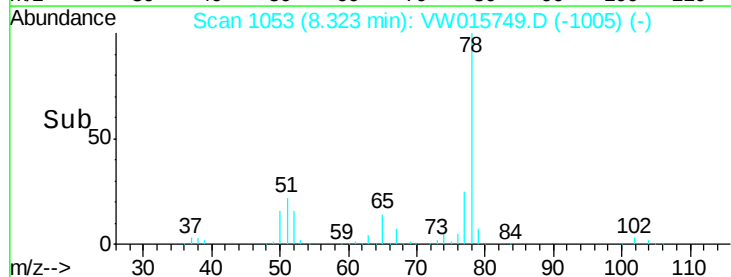
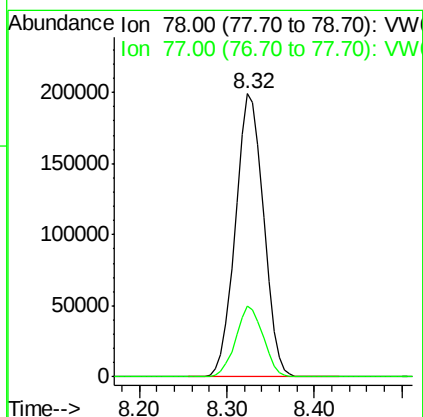
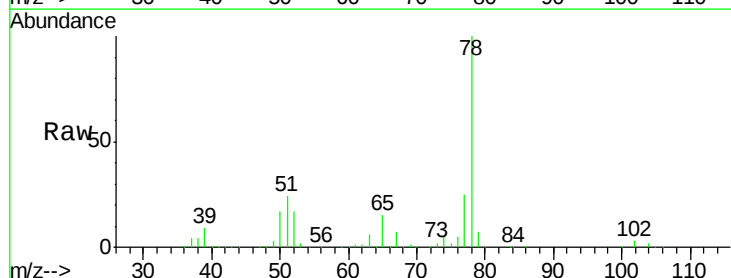
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

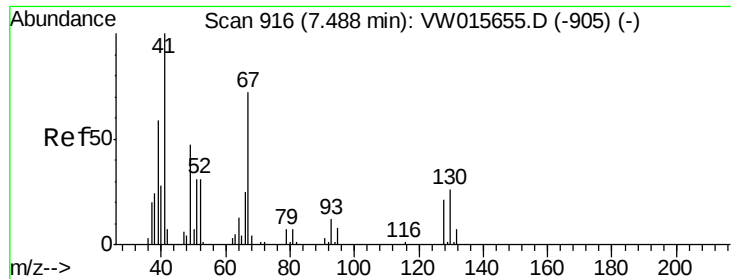
Tot Ion: 83 Resp: 203738
Ion Ratio Lower Upper
83 100
55 76.2 62.8 94.2
98 49.0 39.9 59.9



#40
Benzene
Concen: 49.555 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 78 Resp: 445815
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9

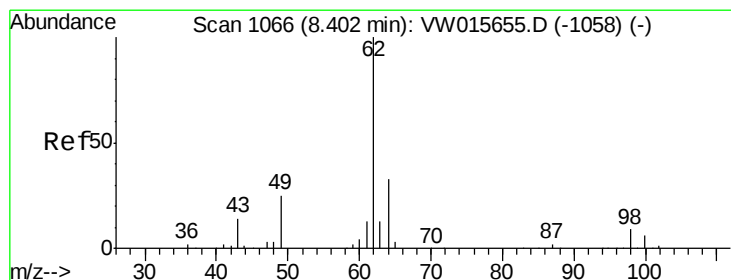
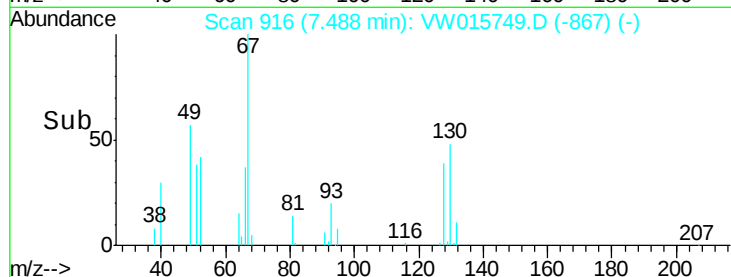
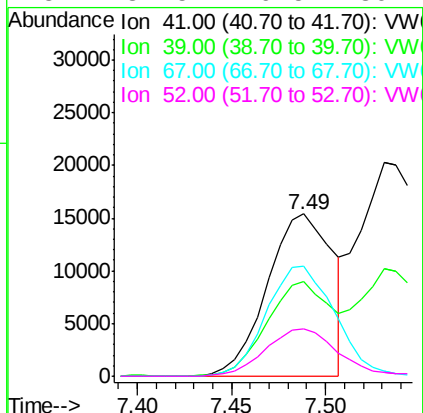
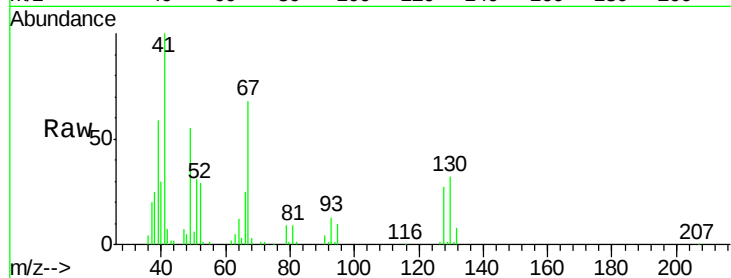




#41
Methacrylonitrile
Concen: 51.046 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

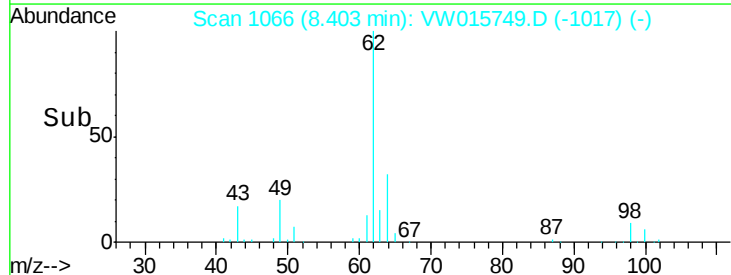
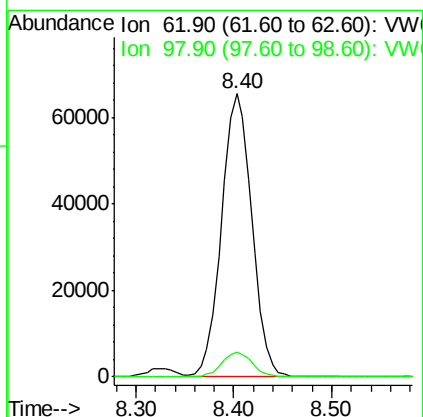
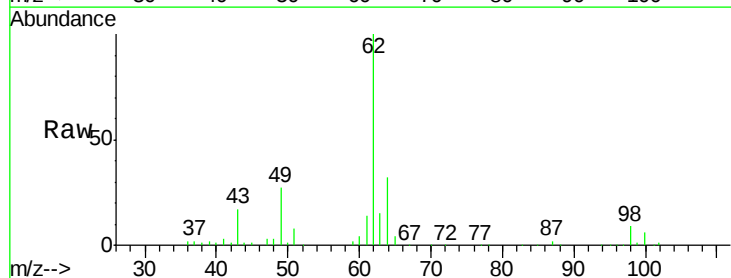
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

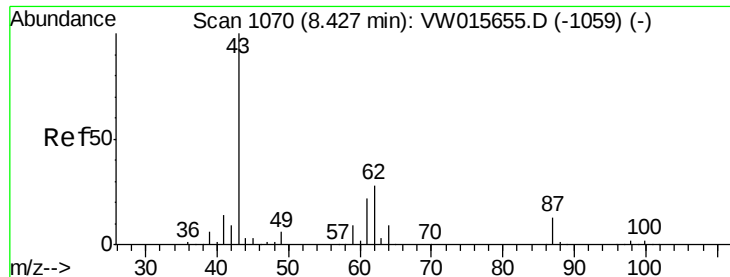
Tot Ion: 41 Resp: 37010
Ion Ratio Lower Upper
41 100
39 57.2 52.0 78.0
67 71.8 57.5 86.3
52 32.5 26.5 39.7



#42
1,2-Dichloroethane
Concen: 50.567 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 62 Resp: 140736
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.4





#43

Isopropyl Acetate

Concen: 51.103 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

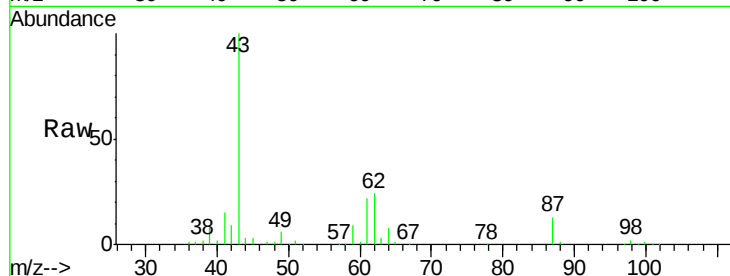
Tot Ion: 43 Resp: 128832

Ion Ratio Lower Upper

43 100

61 30.7 24.7 37.1

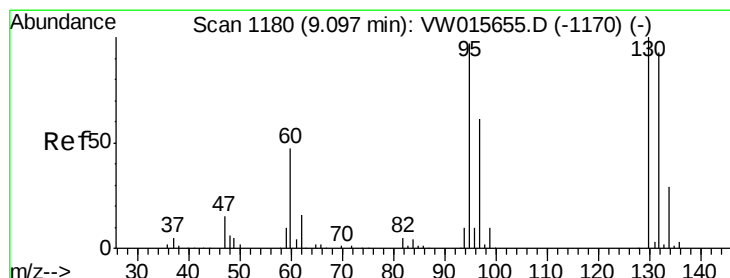
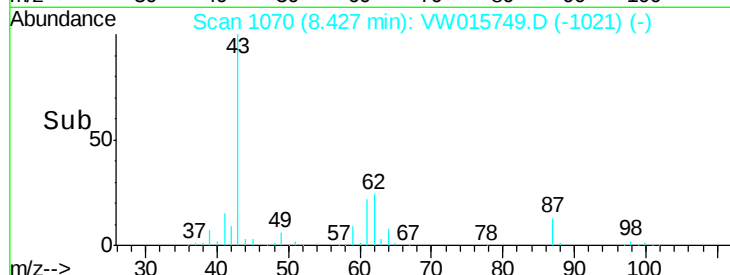
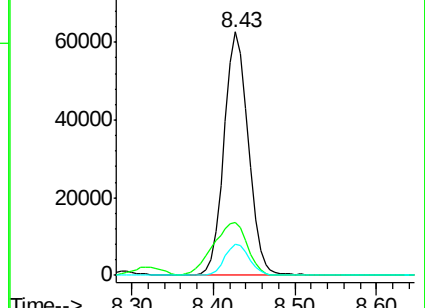
87 13.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.478 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW015749.D

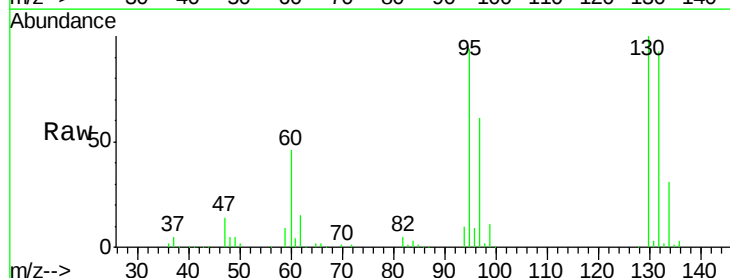
Acq: 26 Jun 2020 16:18

Tgt Ion: 130 Resp: 119977

Ion Ratio Lower Upper

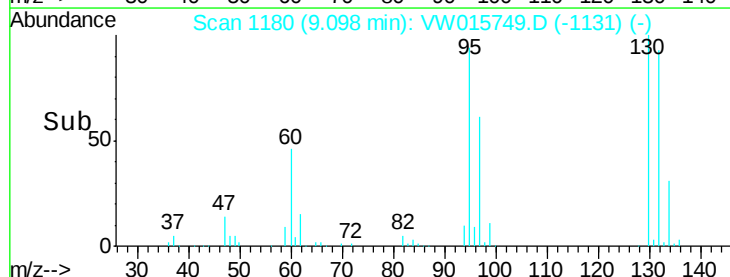
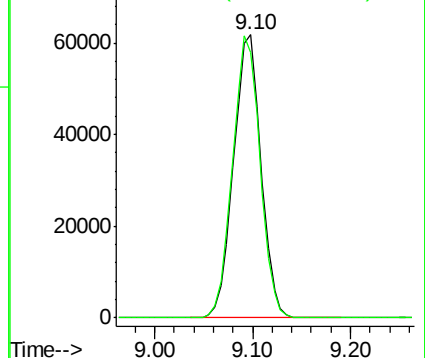
130 100

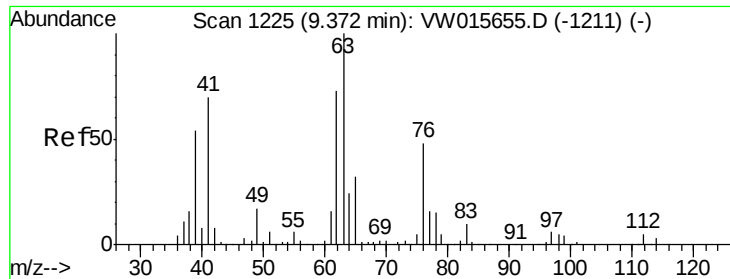
95 93.6 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.064 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

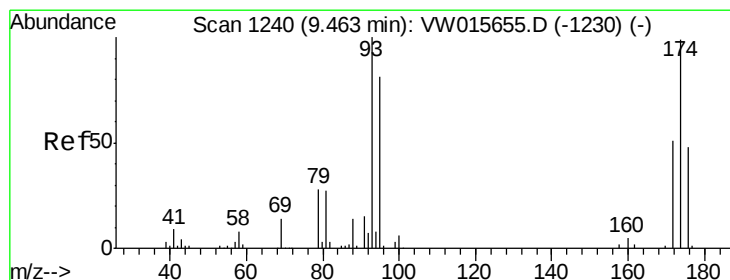
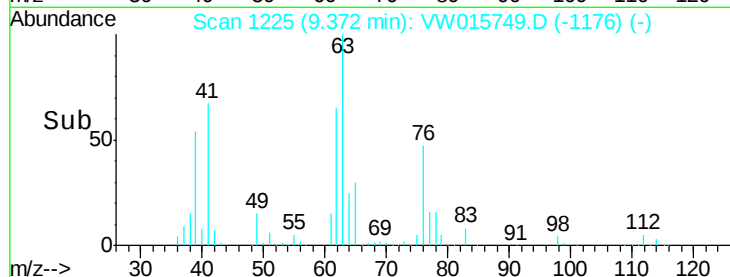
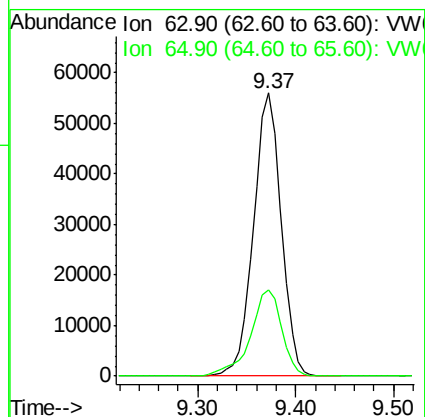
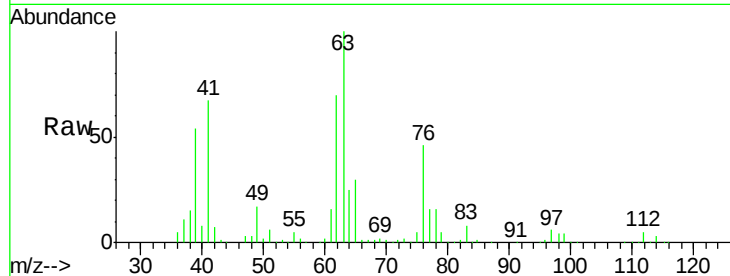
VSTDCCC050EC

Tot Ion: 63 Resp: 110090

Ion Ratio Lower Upper

63 100

65 30.3 25.3 37.9



#46

Dibromomethane

Concen: 51.119 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

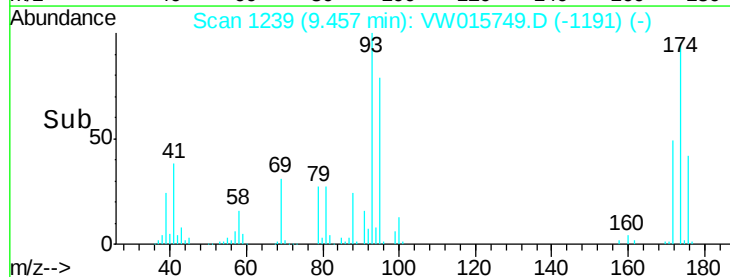
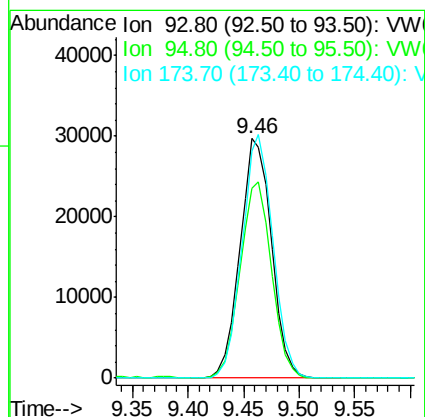
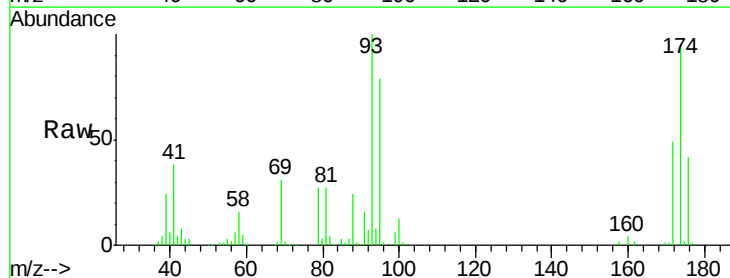
Tgt Ion: 93 Resp: 58161

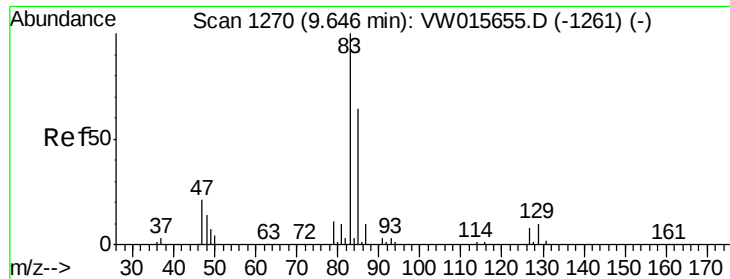
Ion Ratio Lower Upper

93 100

95 82.0 65.7 98.5

174 99.8 79.0 118.6





#47

Bromodichloromethane

Concen: 49.727 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

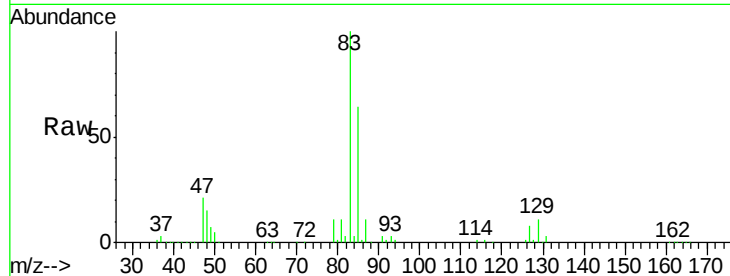
Tot Ion: 83 Resp: 147579

Ion Ratio Lower Upper

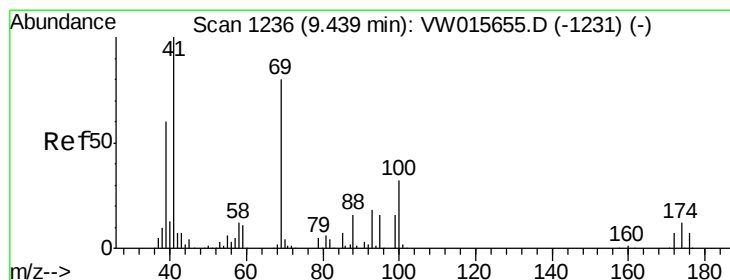
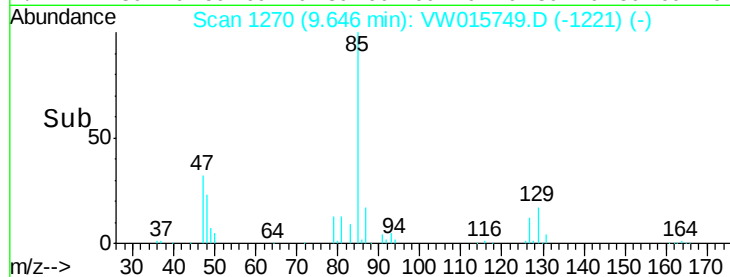
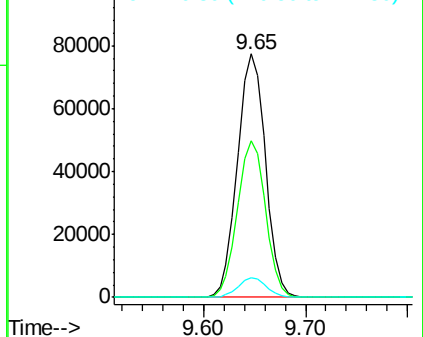
83 100

85 64.4 50.8 76.2

127 7.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.429 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

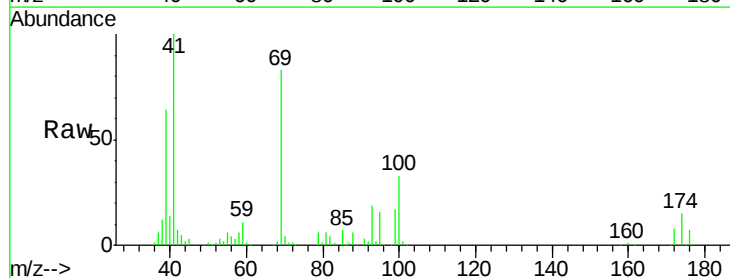
Tgt Ion: 41 Resp: 60429

Ion Ratio Lower Upper

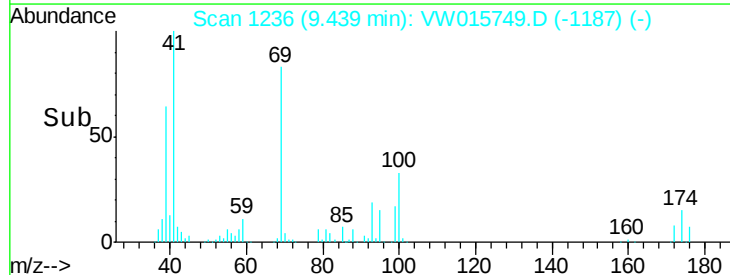
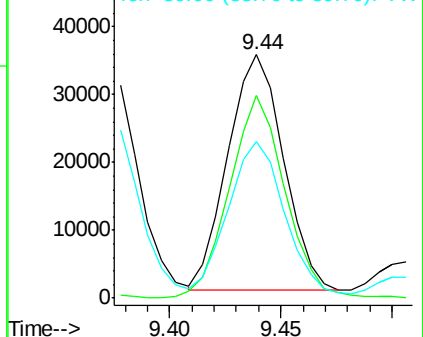
41 100

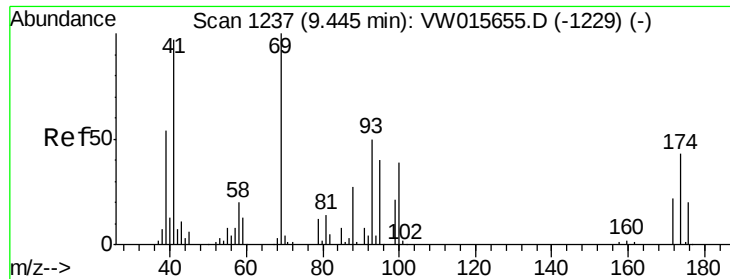
69 86.3 68.2 102.2

39 64.7 49.8 74.6



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





#49

1,4-Dioxane

Concen: 1045.132 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

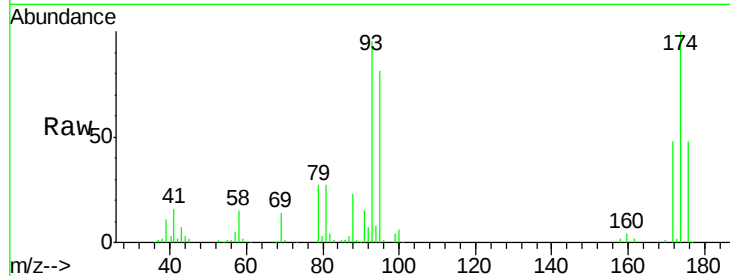
Tot Ion: 88 Resp: 15599

Ion Ratio Lower Upper

88 100

43 34.0 30.1 45.1

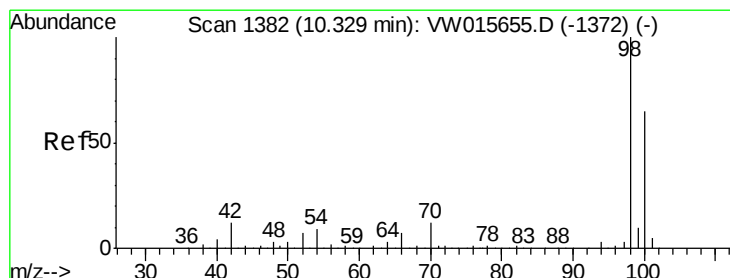
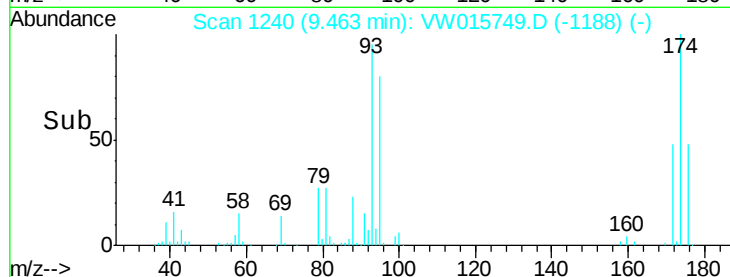
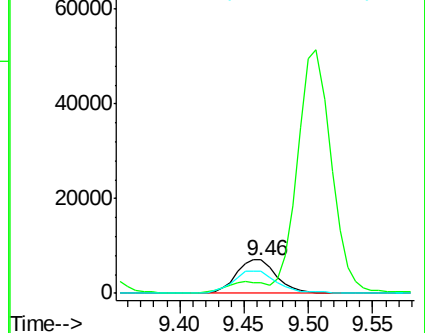
58 73.4 56.1 84.1



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: 50.974 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015749.D

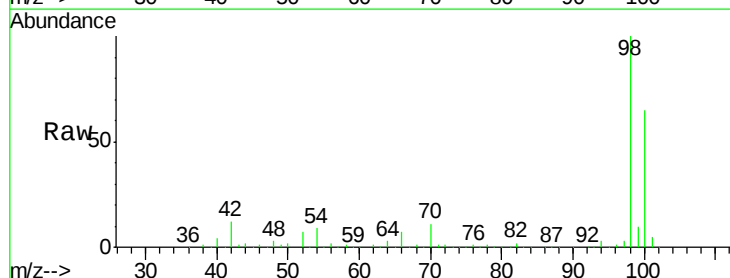
Acq: 26 Jun 2020 16:18

Tgt Ion: 98 Resp: 401406

Ion Ratio Lower Upper

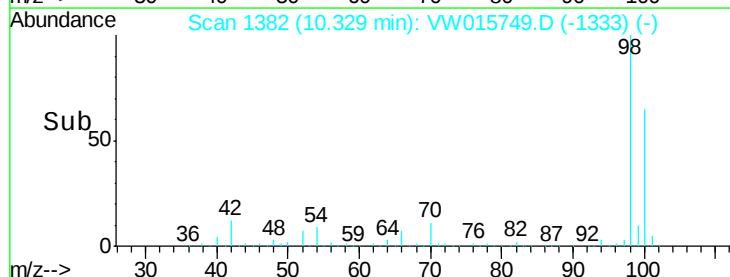
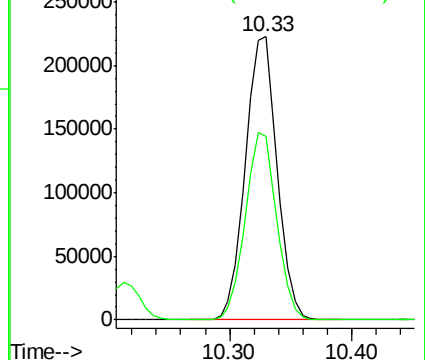
98 100

100 65.3 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: 263.598 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

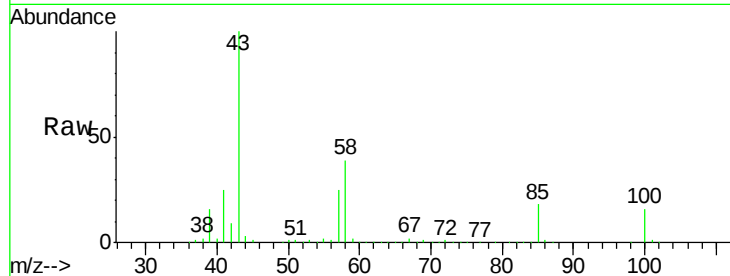
VSTDCCC050EC

Tot Ion: 43 Resp: 320474

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

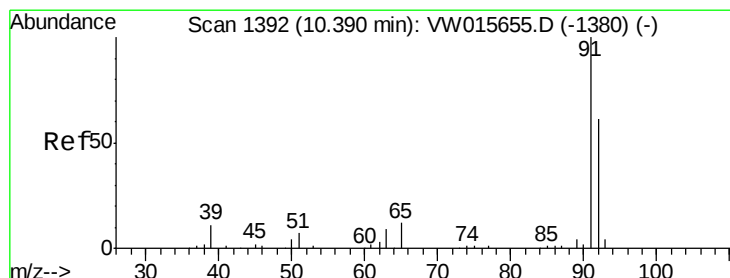
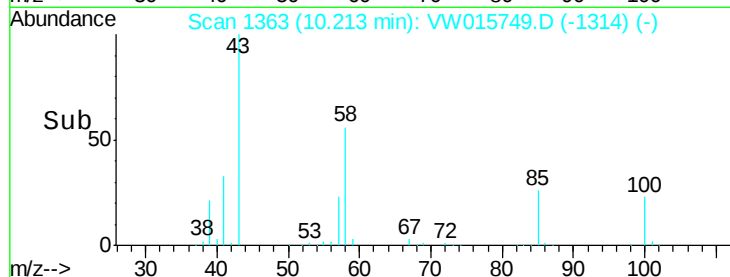
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.155 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015749.D

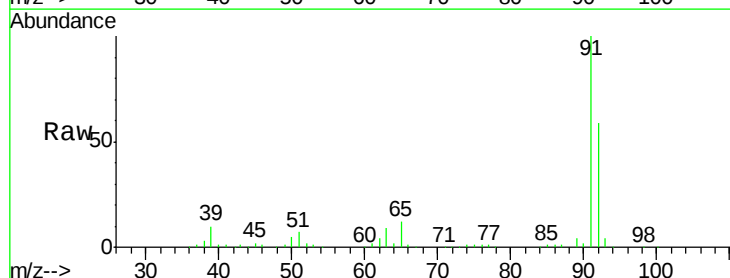
Acq: 26 Jun 2020 16:18

Tgt Ion: 92 Resp: 297161

Ion Ratio Lower Upper

92 100

91 170.8 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

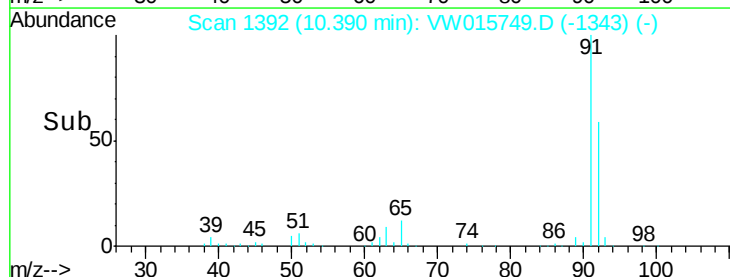
300000

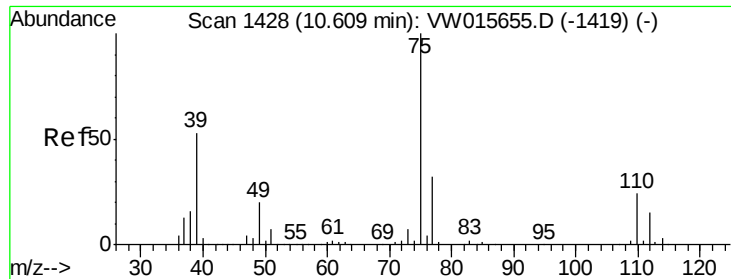
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.423 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

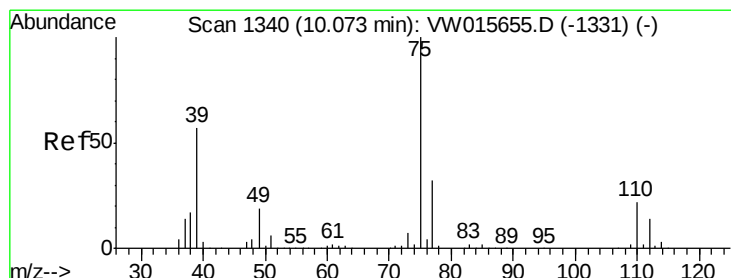
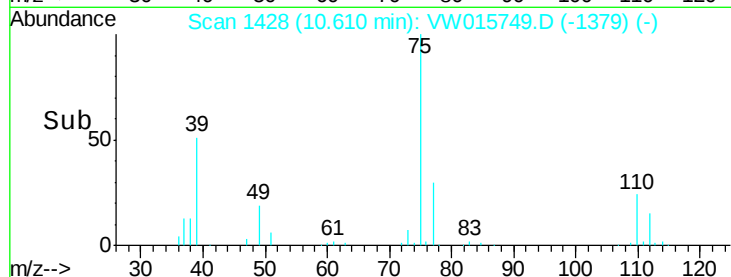
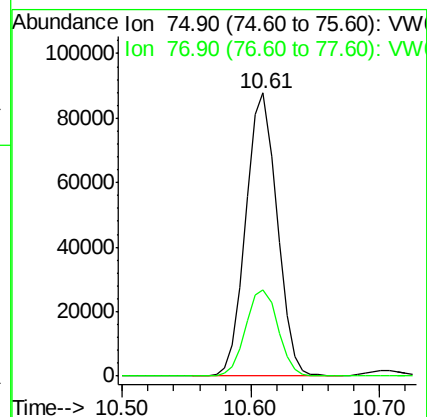
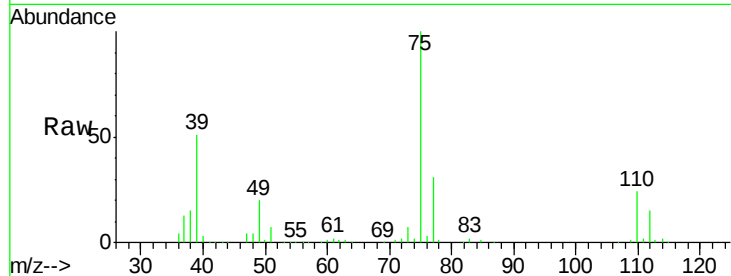
VSTDCCC050EC

Tot Ion: 75 Resp: 147433

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.825 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

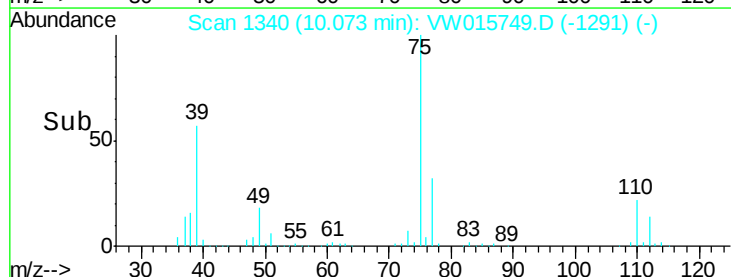
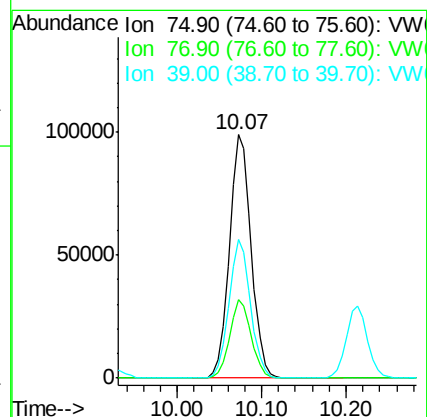
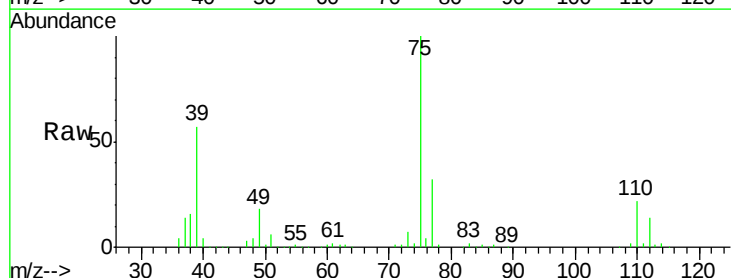
Tgt Ion: 75 Resp: 174078

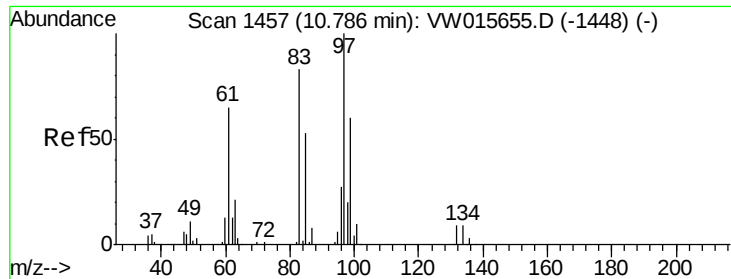
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 57.0 45.8 68.6

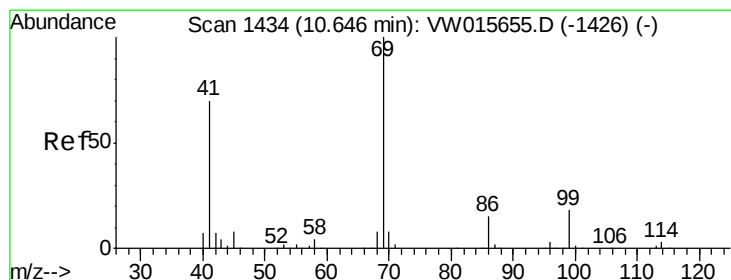
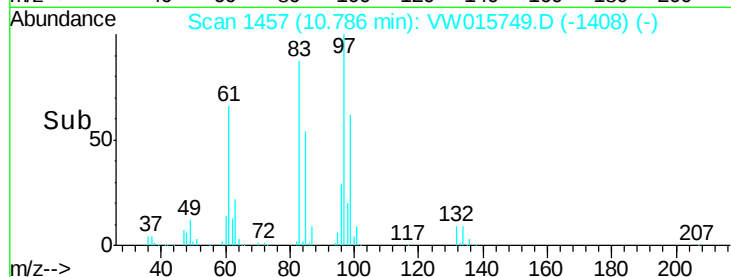
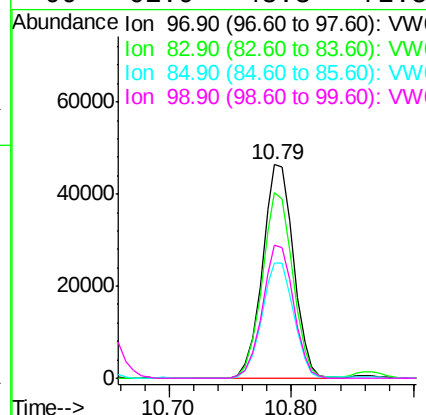
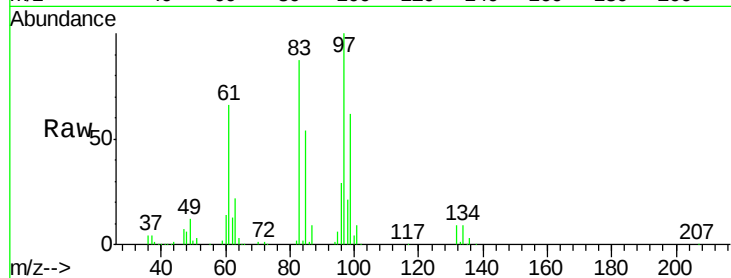




#55
 1,1,2-Trichloroethane
 Concen: 52.012 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

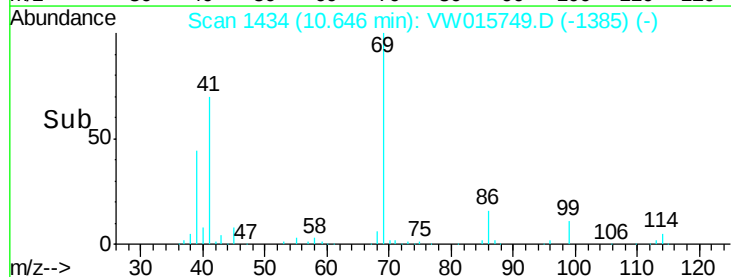
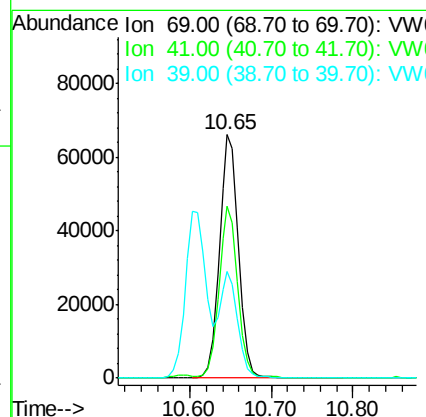
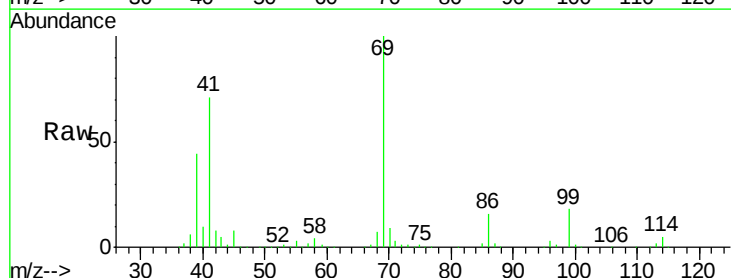
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

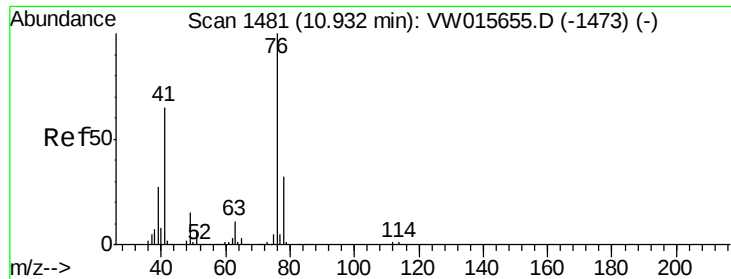
Tot Ion:	97	Resp:	82278
Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.3	99.5
85	53.6	42.5	63.7
99	61.9	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 54.919 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion:	69	Resp:	108095
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.8	83.6
39	41.8	29.5	44.3

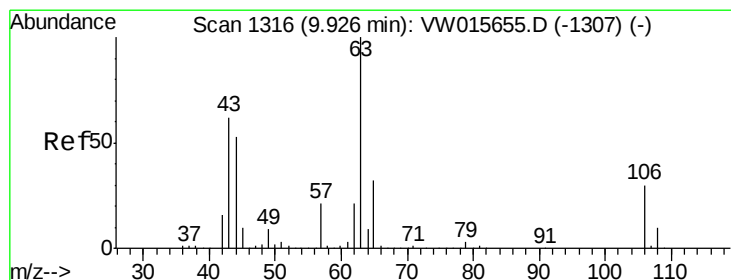
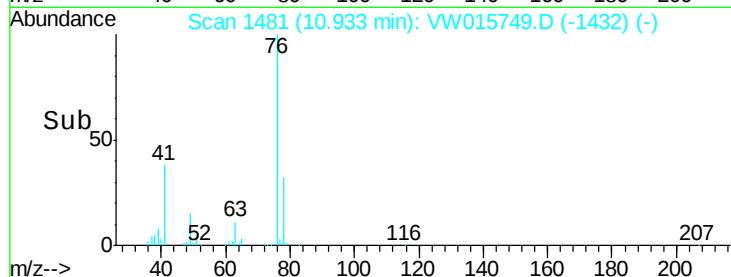
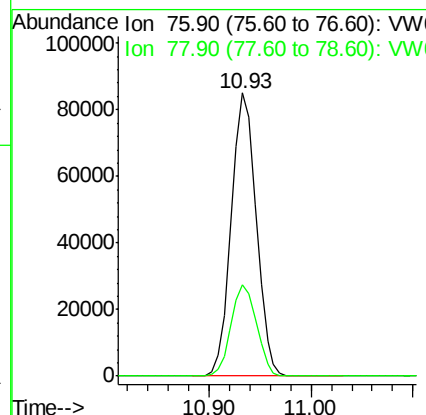
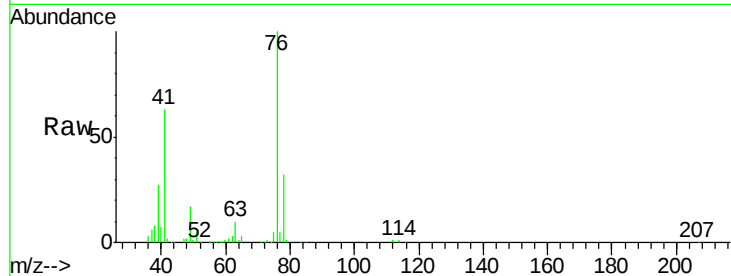




#57
 1,3-Dichloropropane
 Concen: 51.417 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

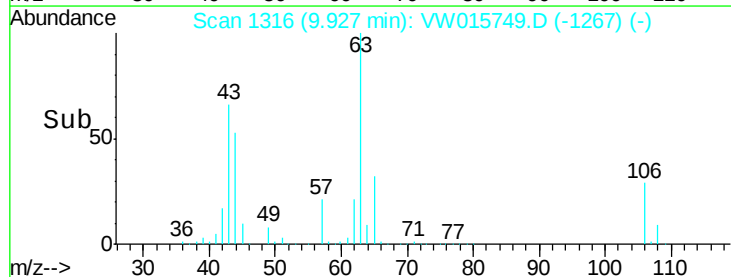
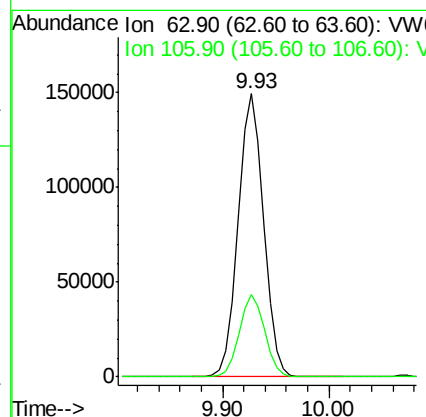
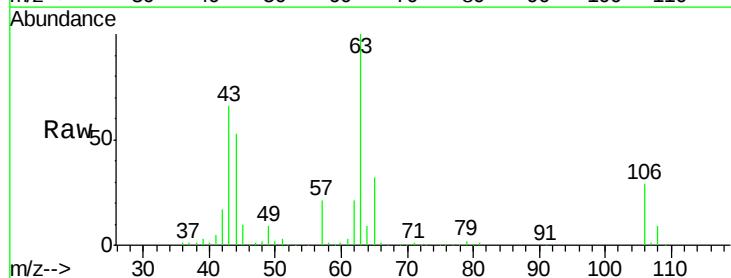
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

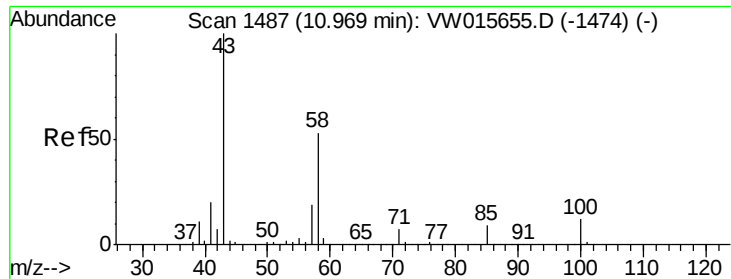
Tot Ion: 76 Resp: 144196
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.951 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion: 63 Resp: 251442
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.3 34.9

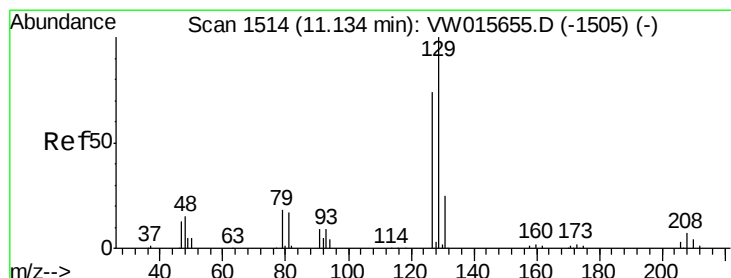
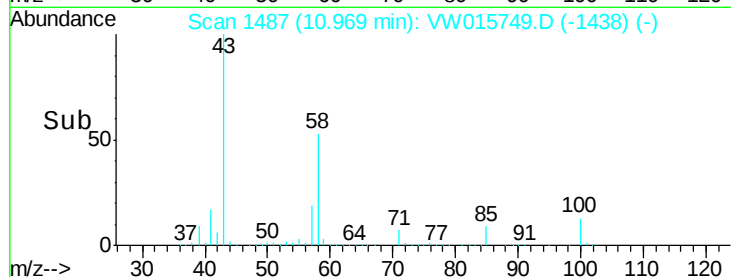
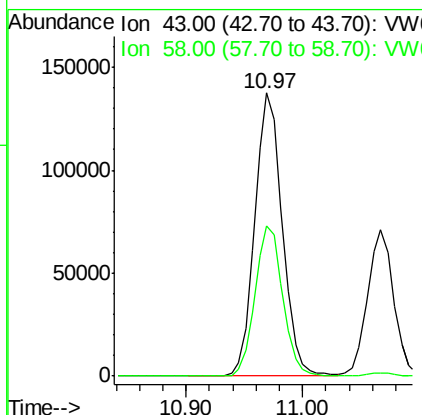
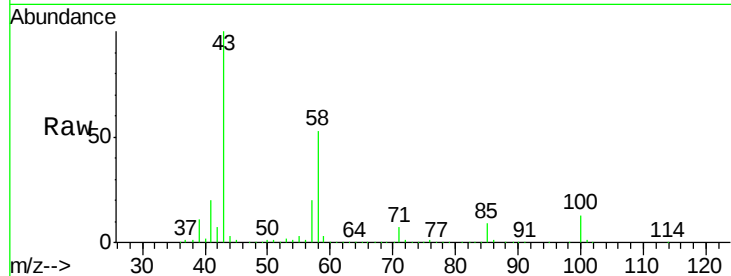




#59
2-Hexanone
Concen: 273.333 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

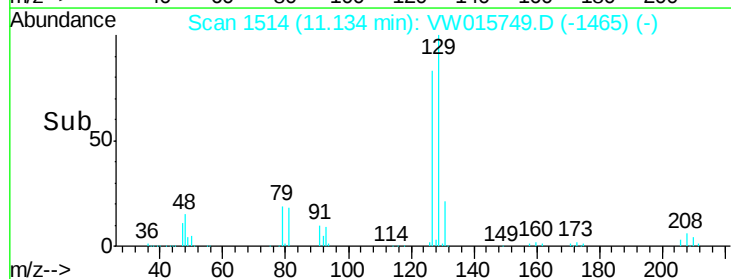
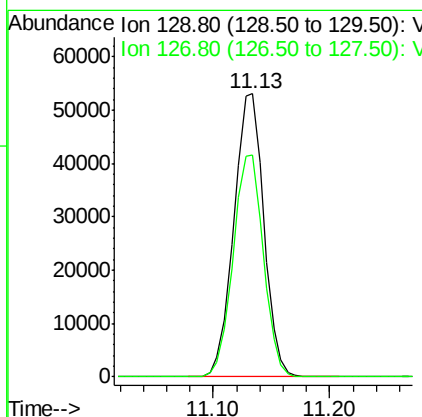
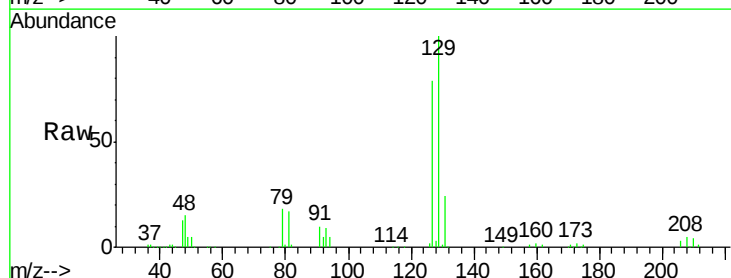
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

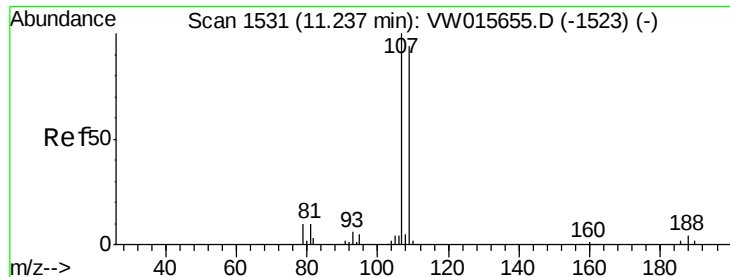
Tot Ion: 43 Resp: 226234
Ion Ratio Lower Upper
43 100
58 53.3 26.5 79.4



#60
Dibromochloromethane
Concen: 51.748 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 129 Resp: 95394
Ion Ratio Lower Upper
129 100
127 79.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 51.221 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

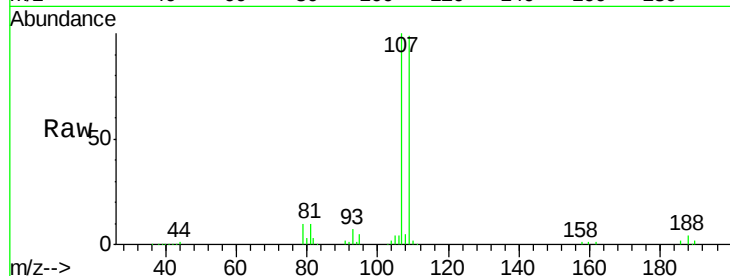
VSTDCCC050EC

Tot Ion: 107 Resp: 77450

Ion Ratio Lower Upper

107 100

109 95.5 74.9 112.3

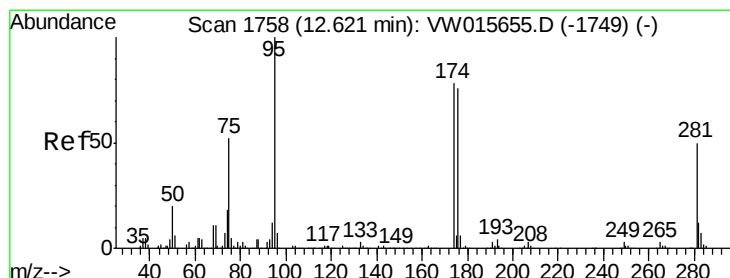
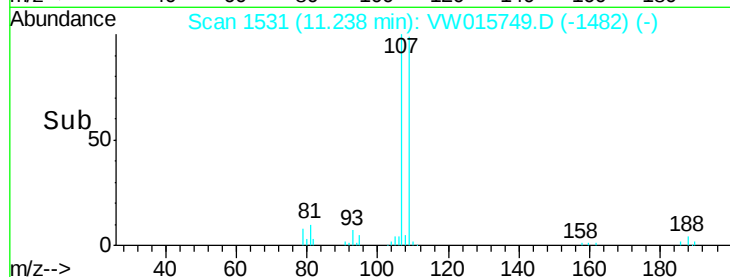


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

Time-->



#62

4-Bromofluorobenzene

Concen: 53.507 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

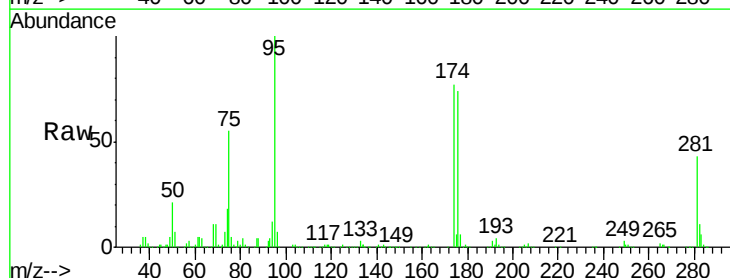
Tgt Ion: 95 Resp: 155172

Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.0

176 74.0 0.0 151.4



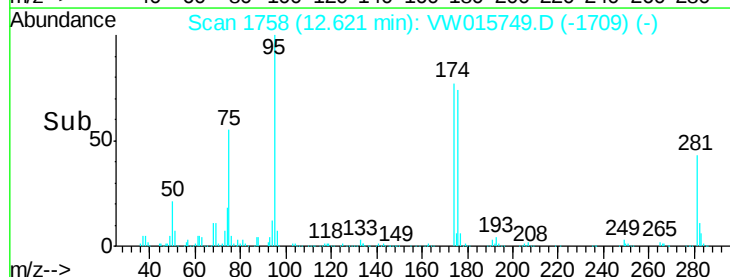
Abundance Ion 94.90 (94.60 to 95.60): VW

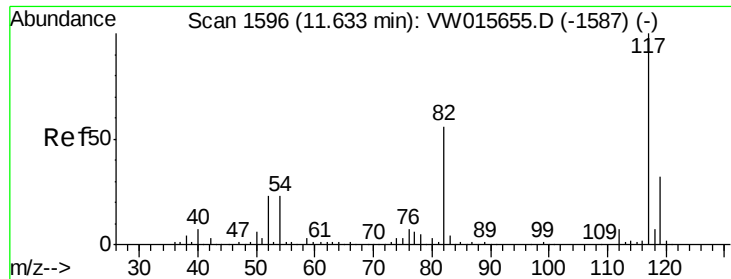
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

Time-->

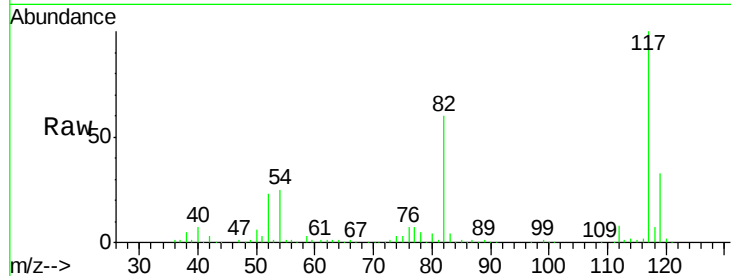




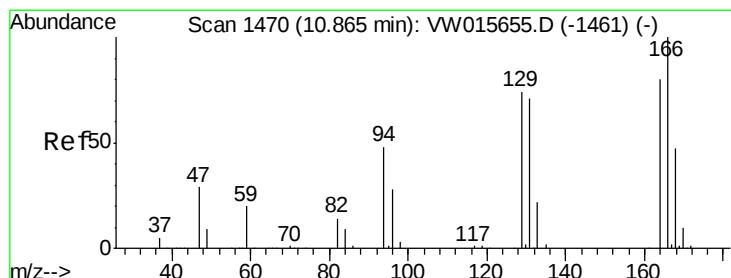
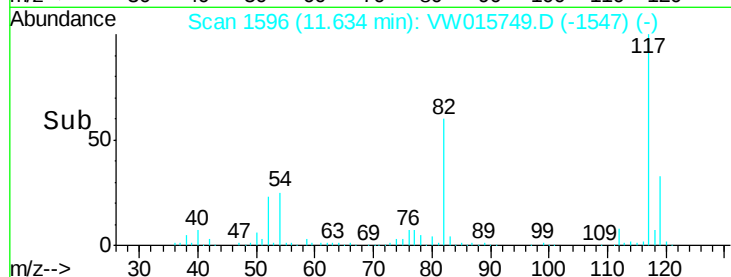
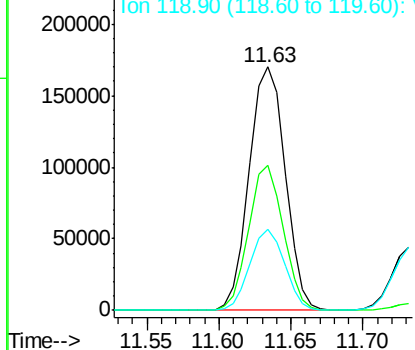
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 294282
Ion Ratio Lower Upper
117 100
82 59.8 45.1 67.7
119 33.1 25.8 38.8

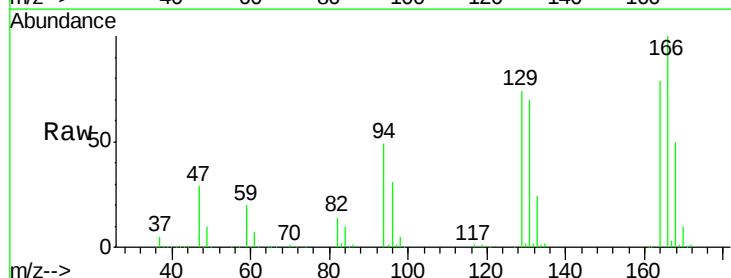


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

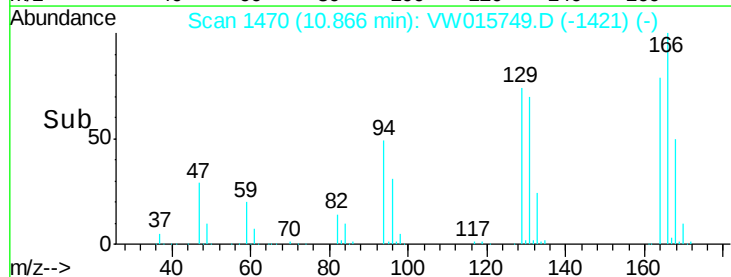
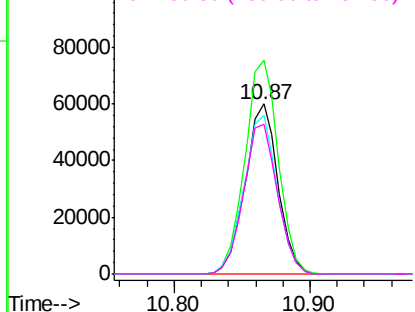


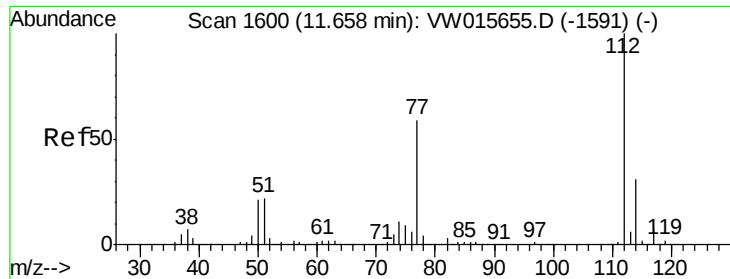
#64
Tetrachloroethene
Concen: 48.875 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion:164 Resp: 101045
Ion Ratio Lower Upper
164 100
166 125.8 99.9 149.9
129 93.2 74.2 111.2
131 88.1 71.4 107.0



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

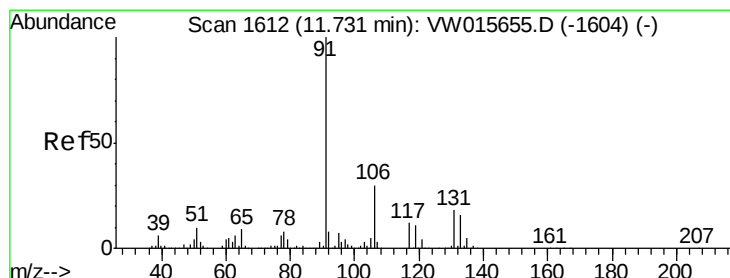
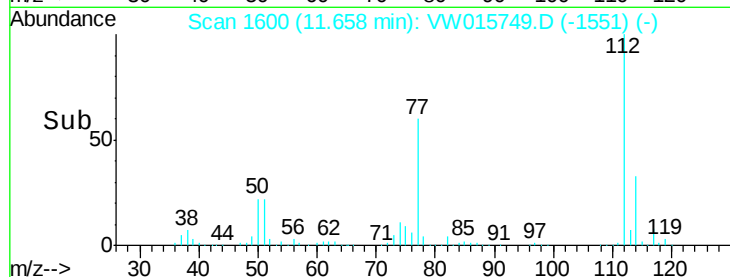
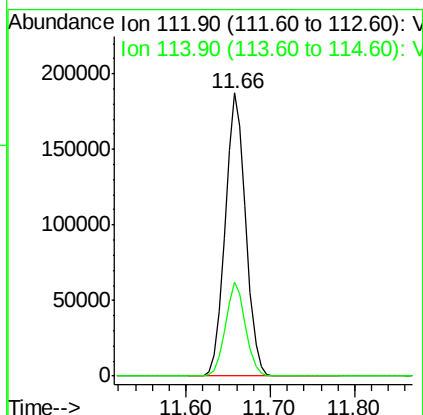
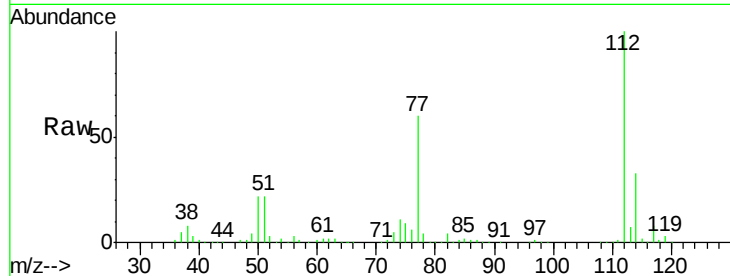




#65
Chlorobenzene
Concen: 50.141 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

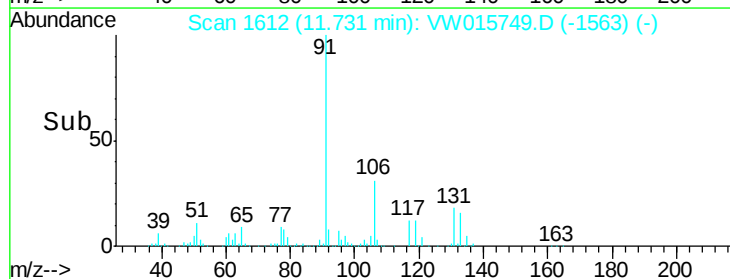
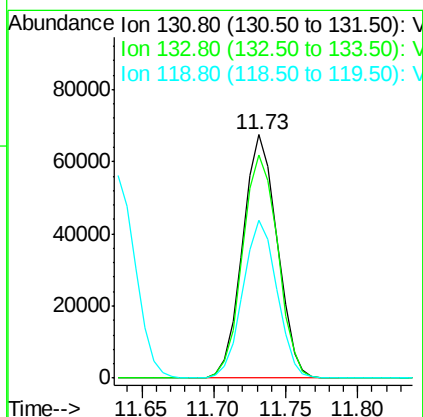
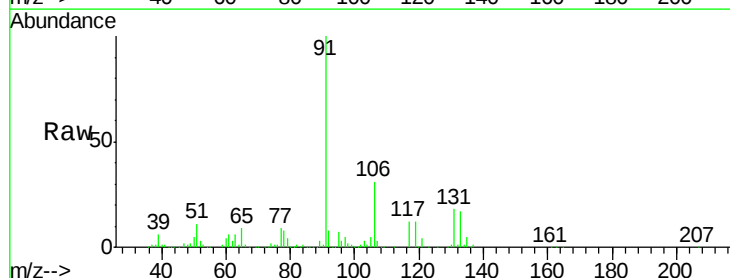
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

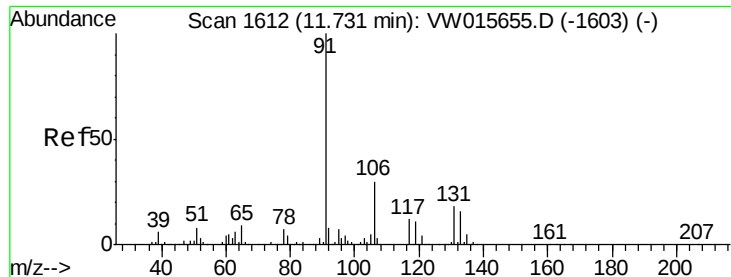
Tot Ion:112 Resp: 311107
Ion Ratio Lower Upper
112 100
114 33.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.564 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion:131 Resp: 112177
Ion Ratio Lower Upper
131 100
133 93.4 46.5 139.5
119 64.0 32.5 97.5

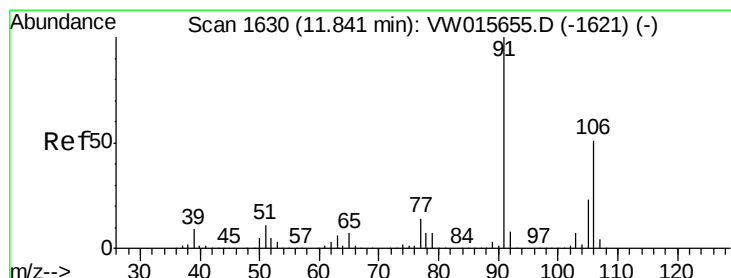
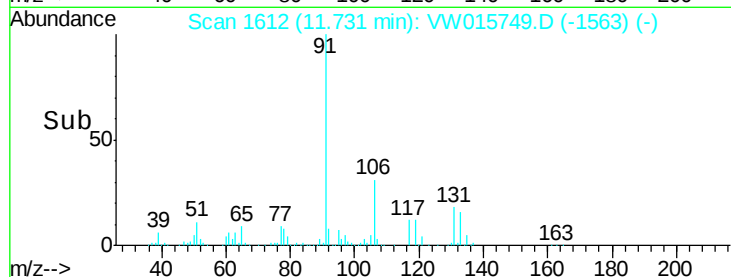
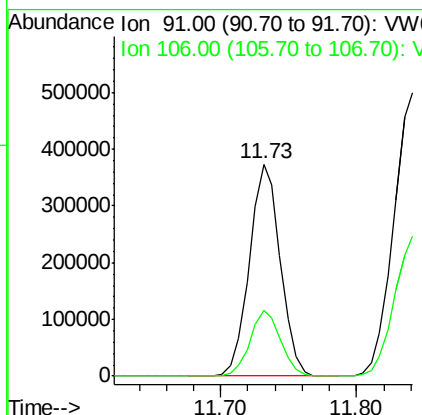
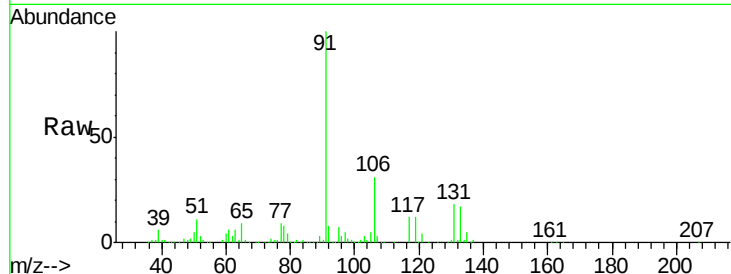




#67
Ethyl Benzene
Concen: 51.404 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

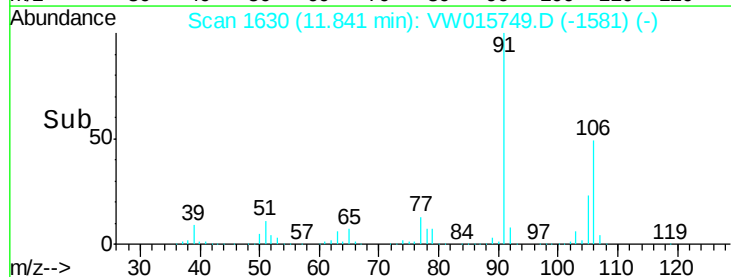
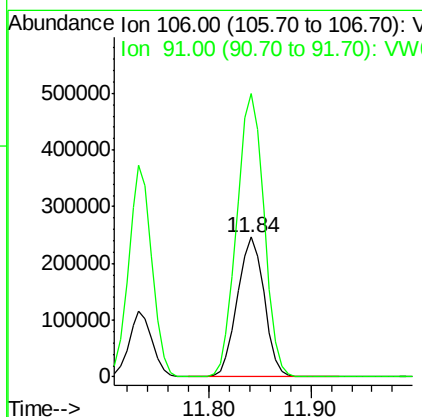
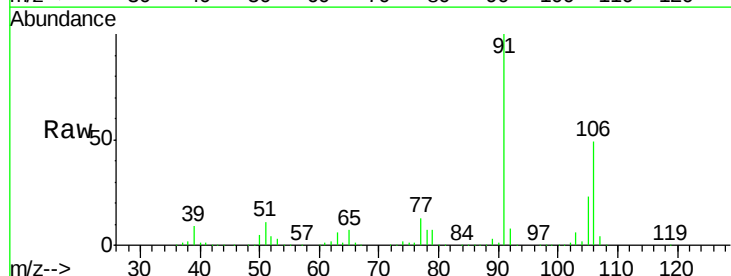
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 593566
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 103.548 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 106 Resp: 448978
Ion Ratio Lower Upper
106 100
91 205.1 162.6 244.0

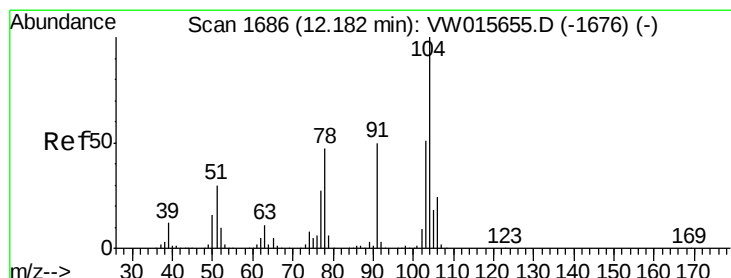
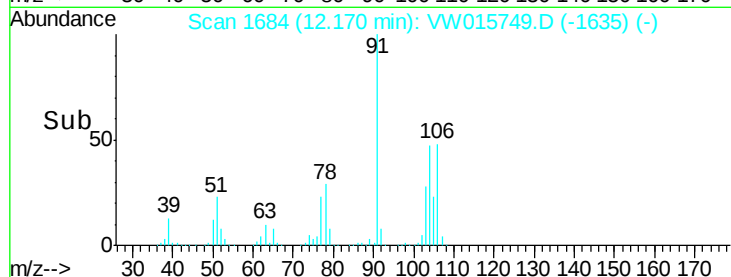
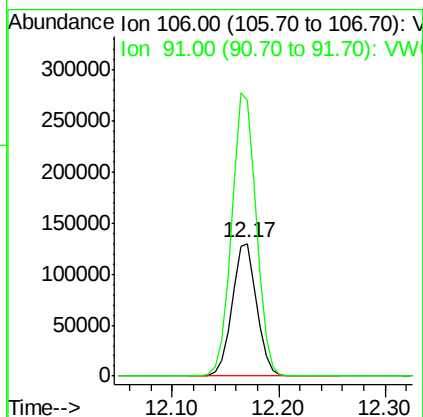
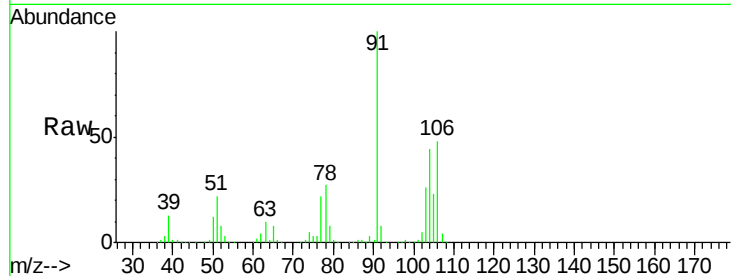




#69
o-Xylene
Concen: 52.579 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

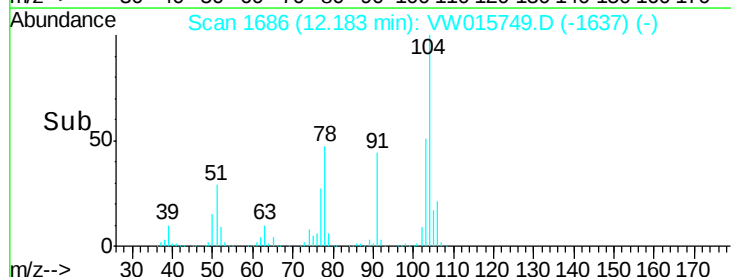
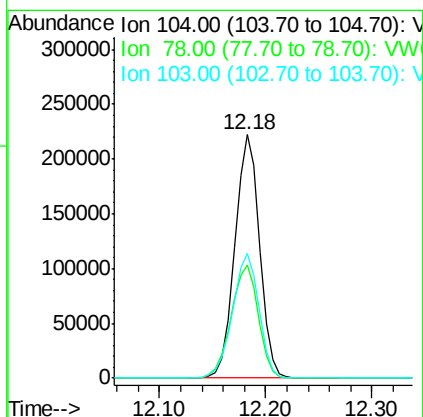
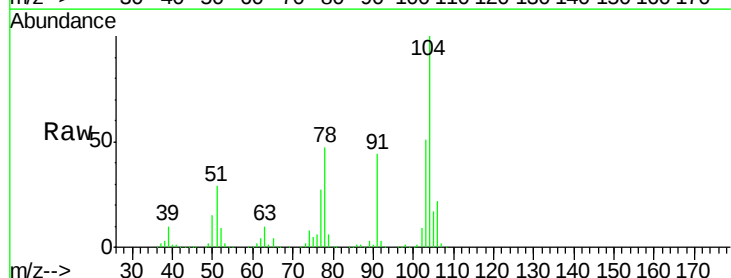
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

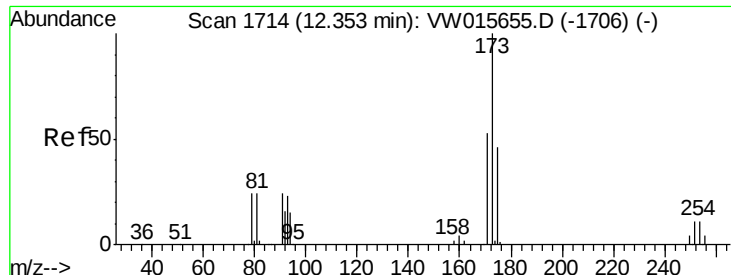
Tot Ion:106 Resp: 209618
Ion Ratio Lower Upper
106 100
91 214.3 108.3 324.9



#70
Styrene
Concen: 52.905 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion:104 Resp: 360357
Ion Ratio Lower Upper
104 100
78 51.5 40.9 61.3
103 55.0 43.1 64.7





#71

Bromoform

Concen: 51.834 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

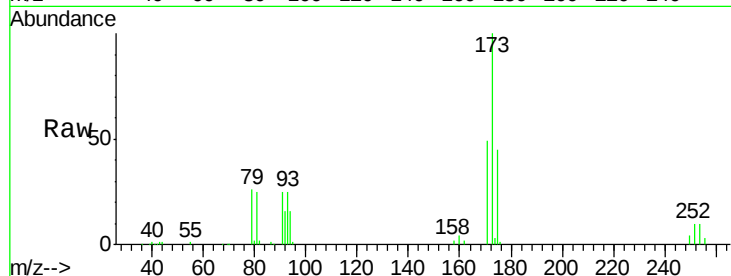
Tot Ion:173 Resp: 51884

Ion Ratio Lower Upper

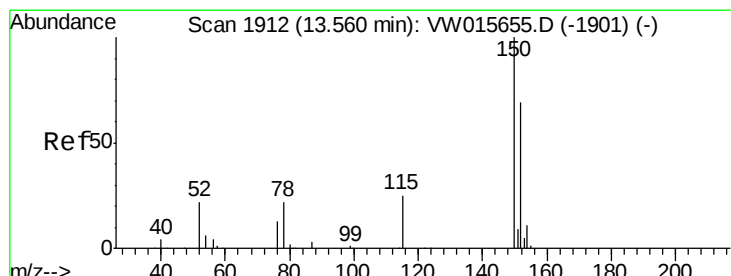
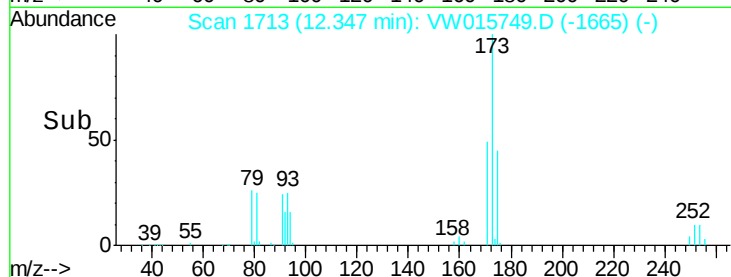
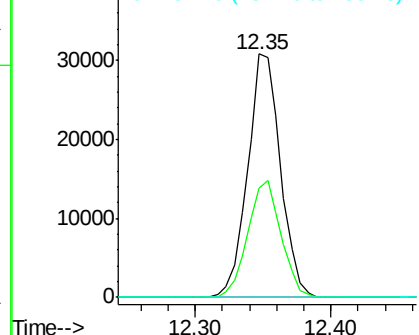
173 100

175 48.4 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: VW015749.D

Acq: 26 Jun 2020 16:18

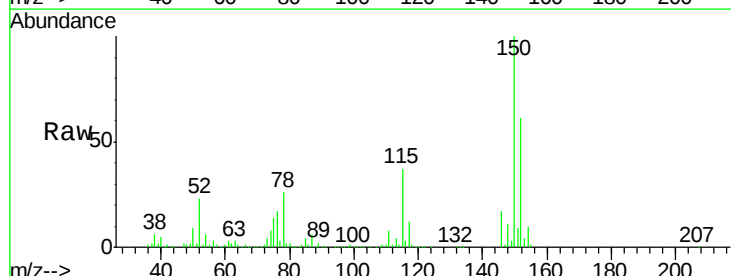
Tgt Ion:152 Resp: 156948

Ion Ratio Lower Upper

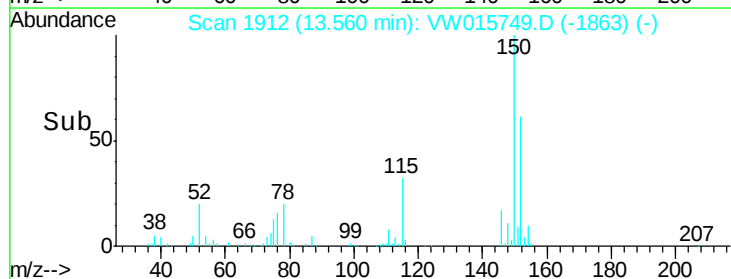
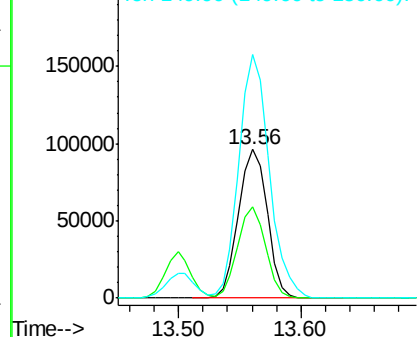
152 100

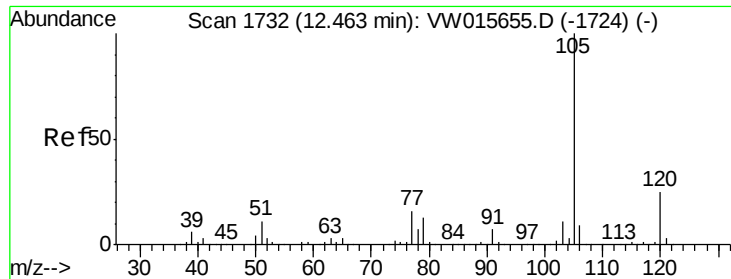
115 59.0 30.1 90.5

150 173.3 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: 49.125 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

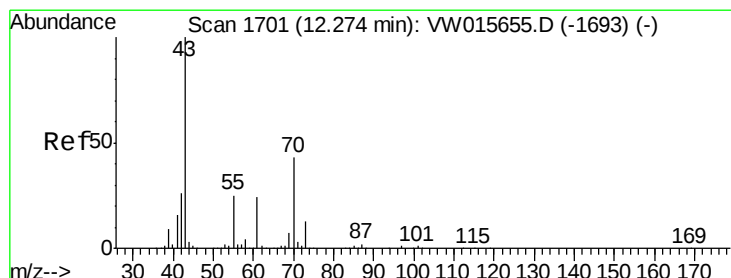
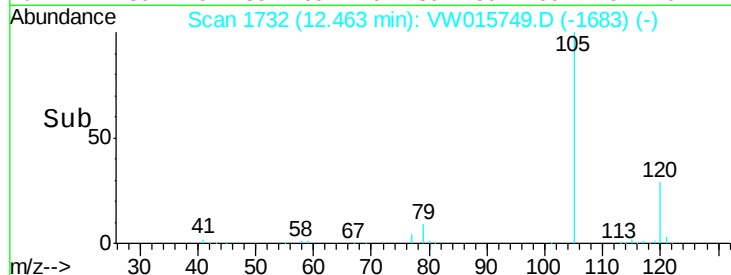
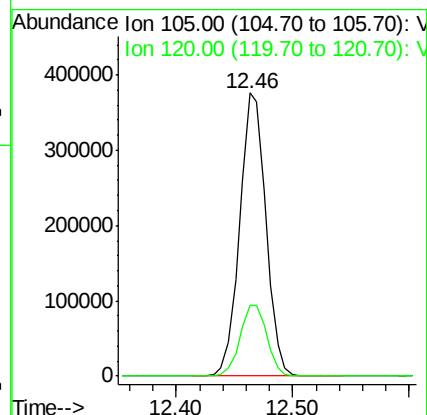
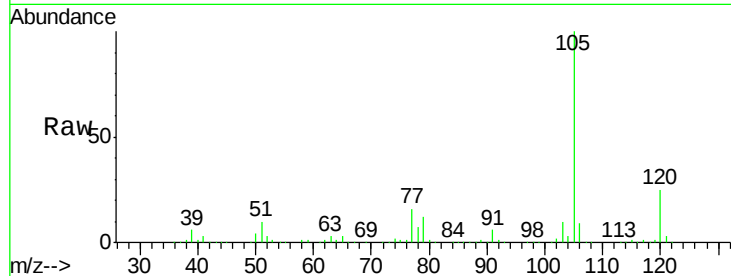
VSTDCCC050EC

Tot Ion:105 Resp: 588152

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 50.681 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Tgt Ion: 43 Resp: 128629

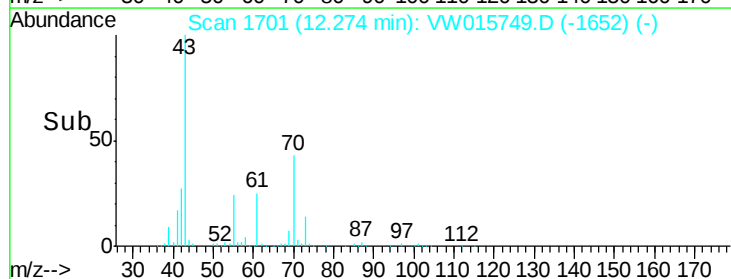
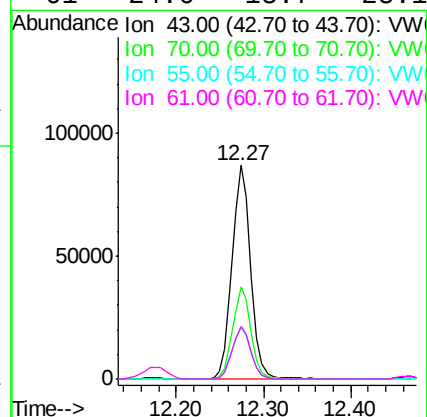
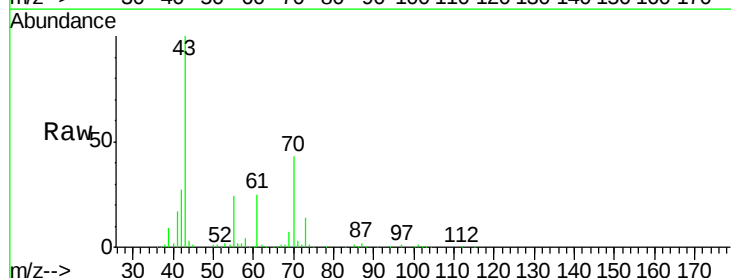
Ion Ratio Lower Upper

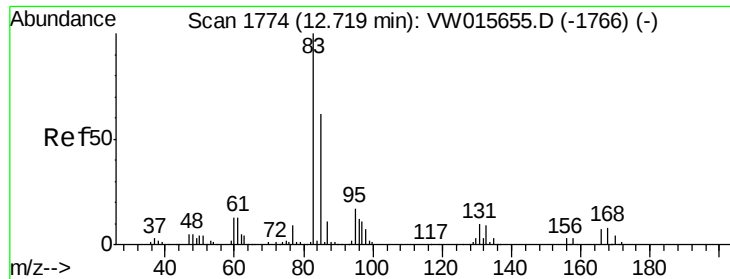
43 100

70 42.5 33.6 50.4

55 24.7 19.7 29.5

61 24.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.934 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

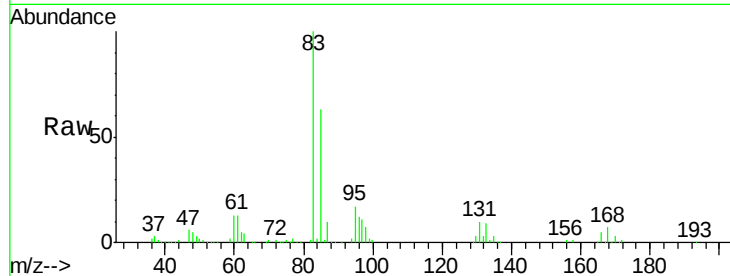
Tot Ion: 83 Resp: 95641

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

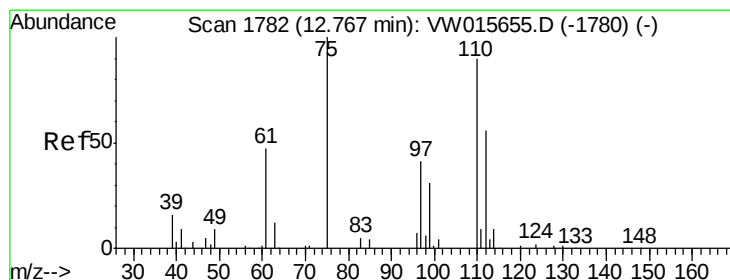
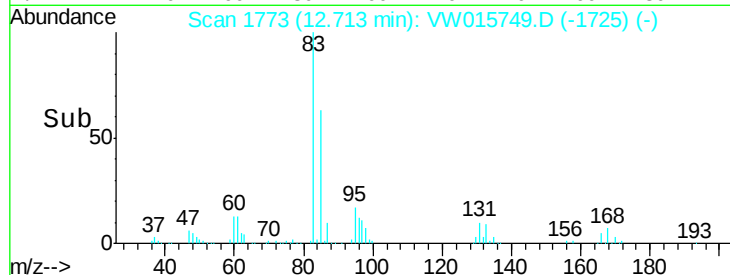
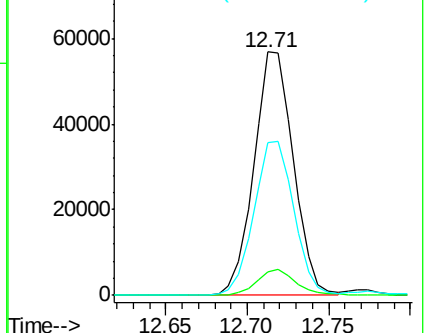
85 64.0 31.9 95.7



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: 86.758 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015749.D

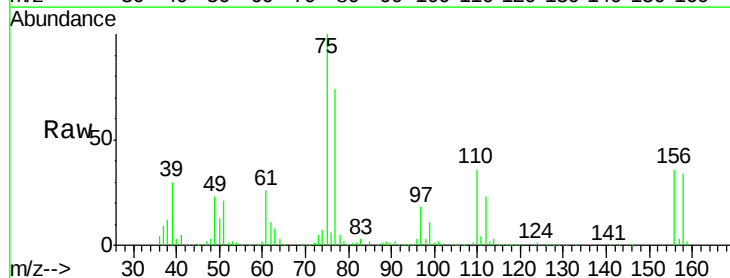
Acq: 26 Jun 2020 16:18

Tgt Ion: 75 Resp: 124203

Ion Ratio Lower Upper

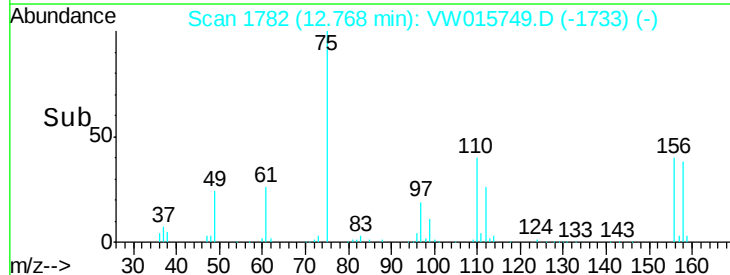
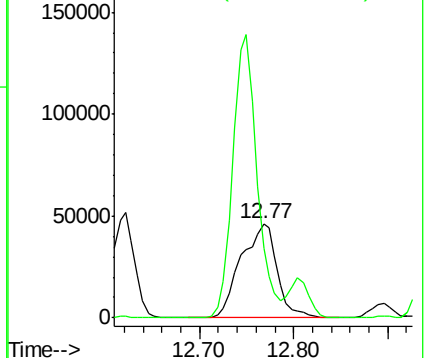
75 100

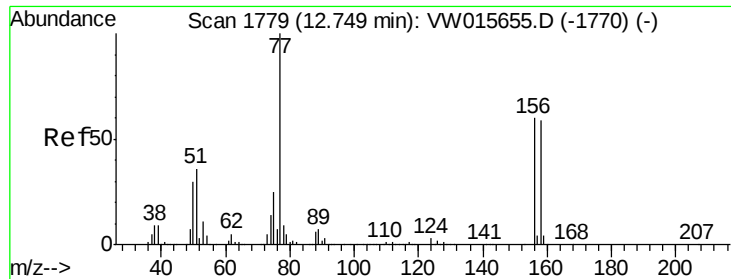
77 200.8 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

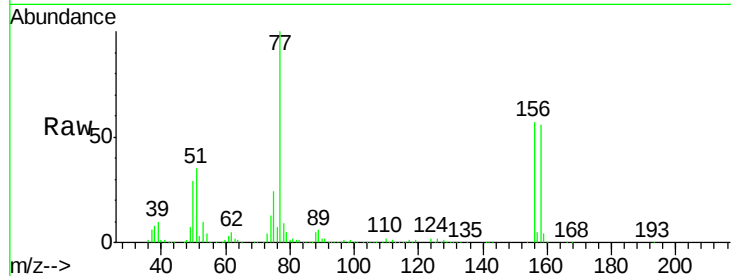




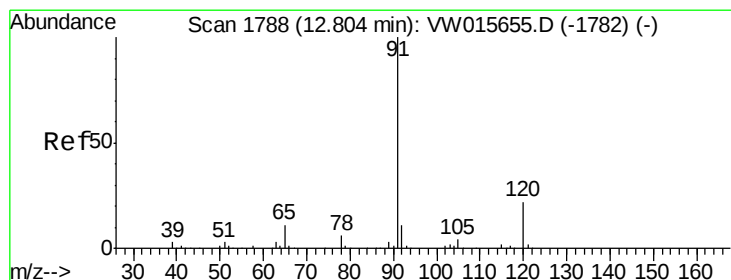
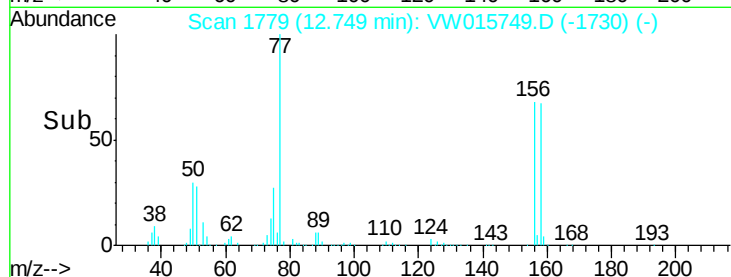
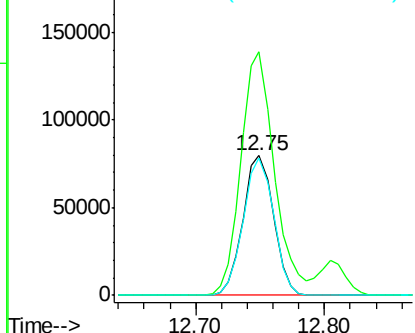
#77
Bromobenzene
Concen: 49.040 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 130920
Ion Ratio Lower Upper
156 100
77 190.5 94.5 283.5
158 97.9 47.9 143.6

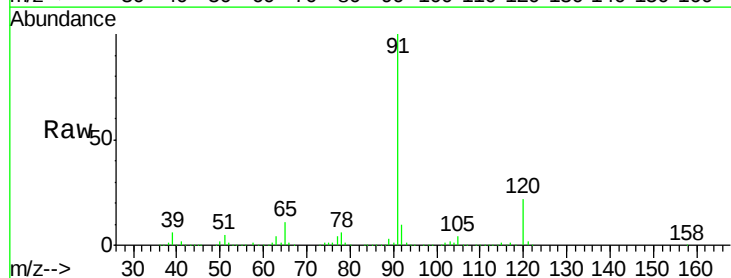


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

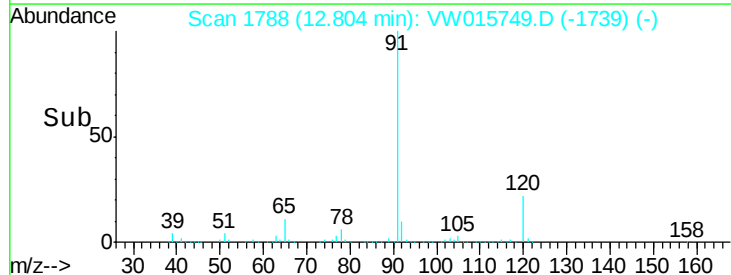
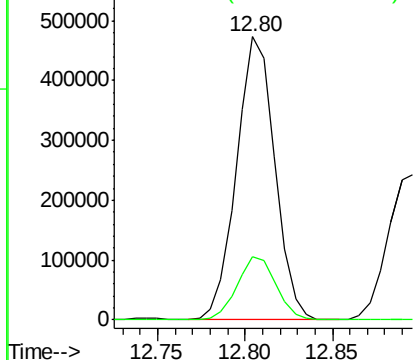


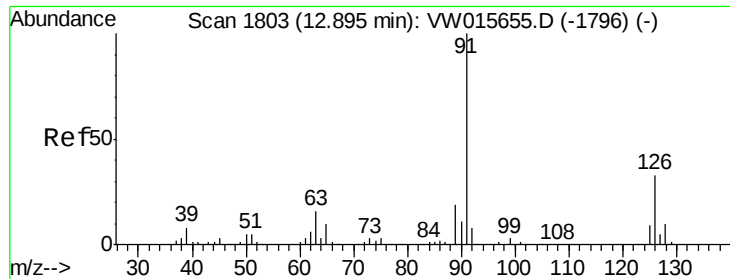
#78
n-propylbenzene
Concen: 49.832 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 91 Resp: 718138
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

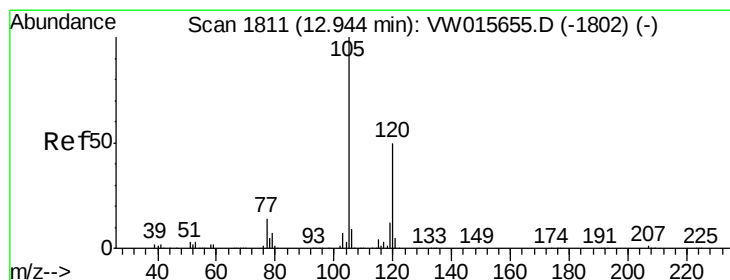
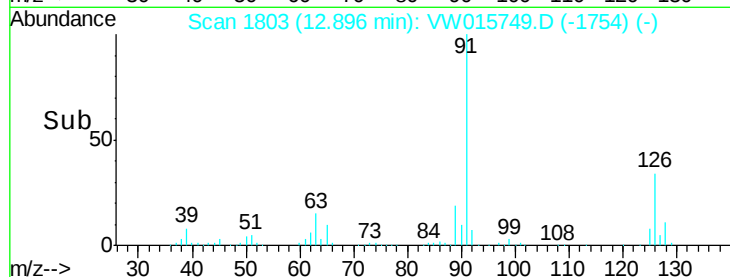
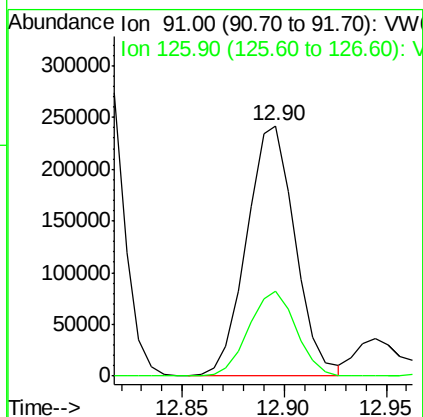
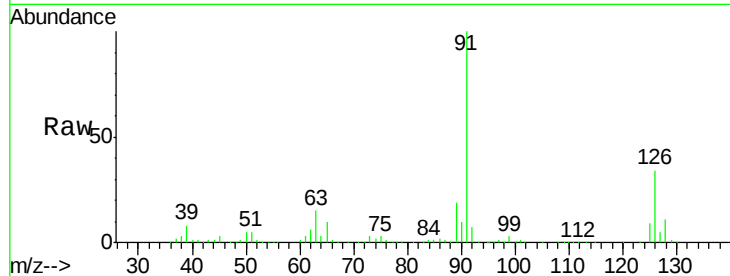




#79
 2-Chlorotoluene
 Concen: 49.050 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

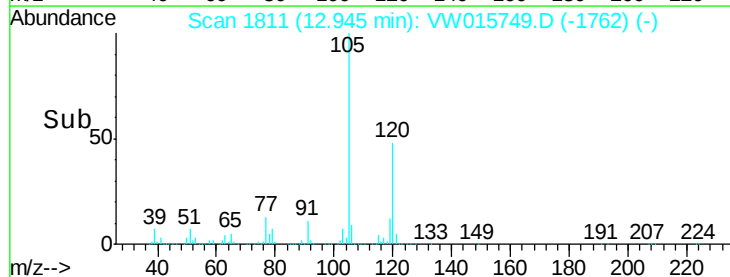
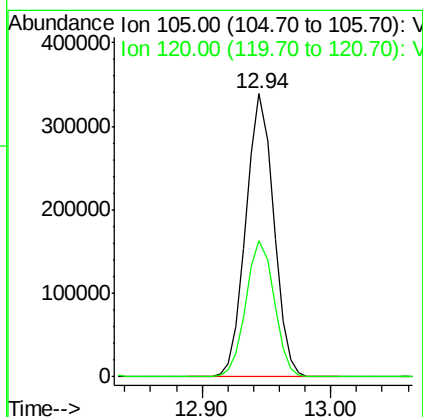
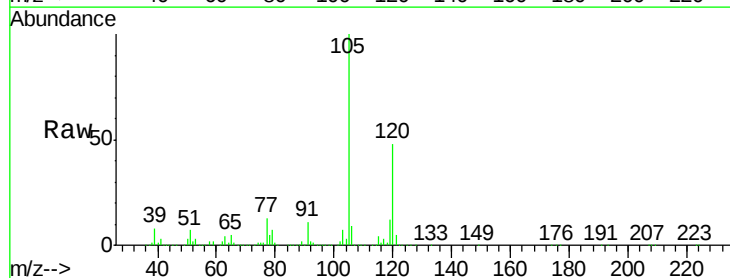
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

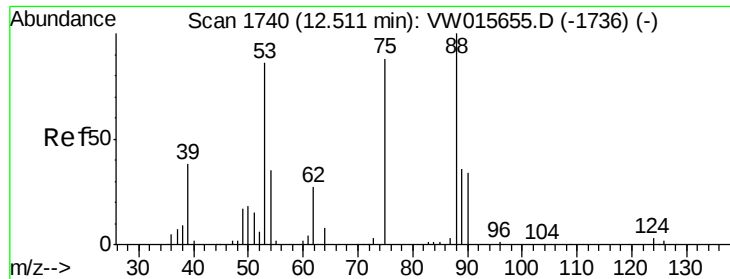
Tot Ion: 91 Resp: 398008
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 49.700 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion: 105 Resp: 504201
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.584 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

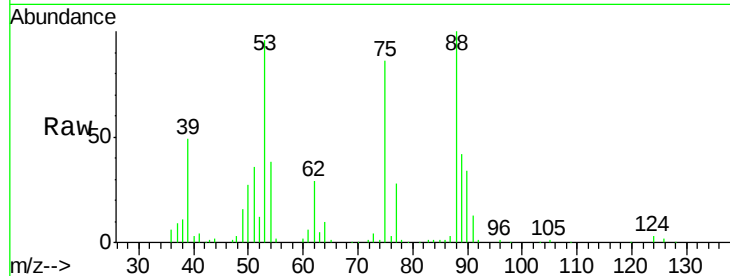
Tot Ion: 75 Resp: 27600

Ion Ratio Lower Upper

75 100

53 114.2 83.8 125.8

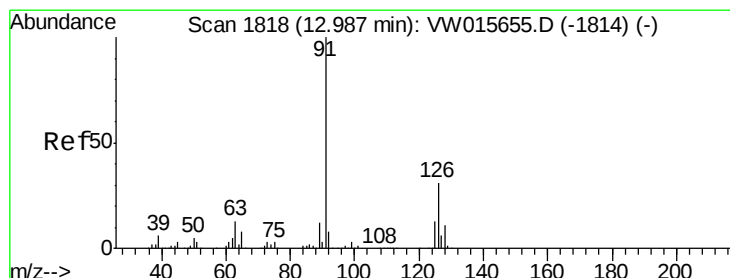
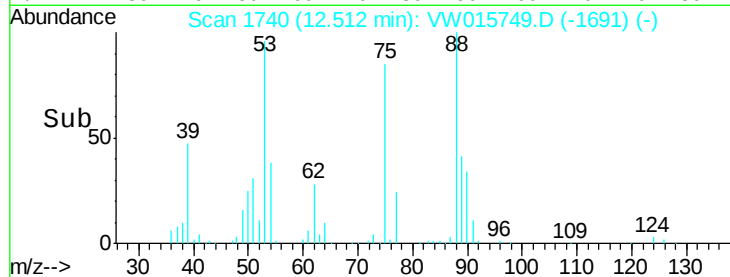
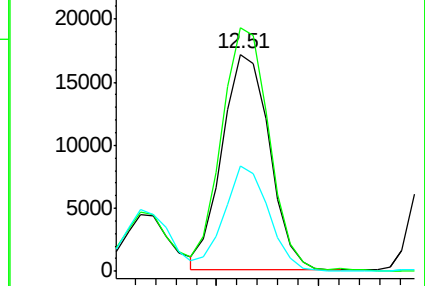
89 46.3 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 49.047 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015749.D

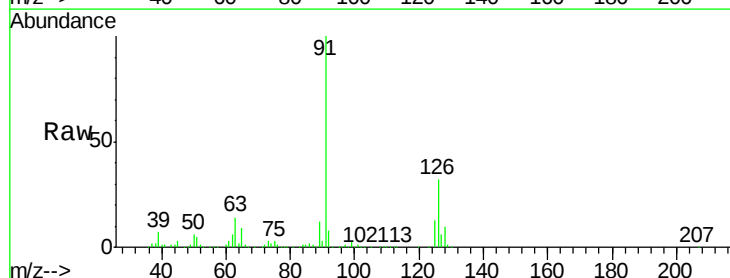
Acq: 26 Jun 2020 16:18

Tgt Ion: 91 Resp: 421044

Ion Ratio Lower Upper

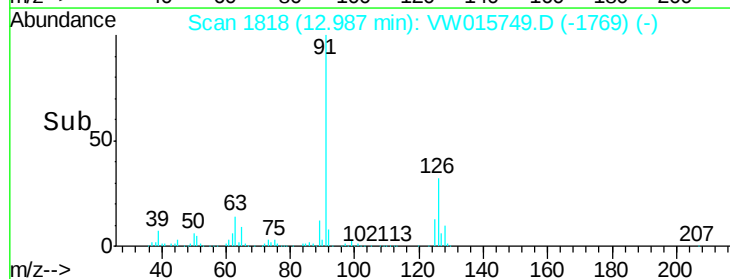
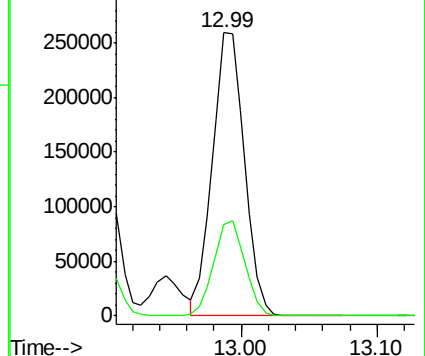
91 100

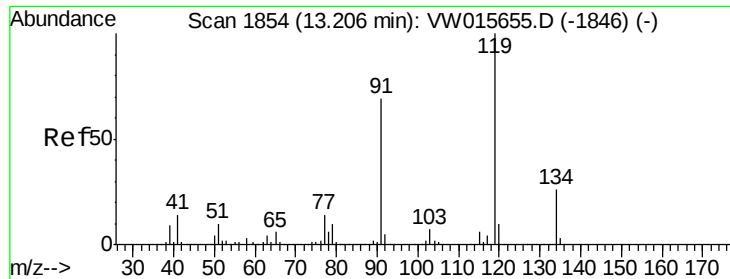
126 33.2 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

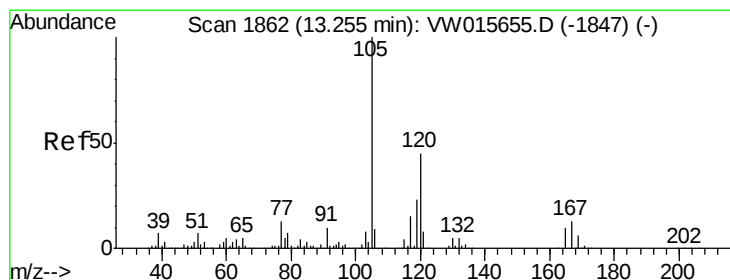
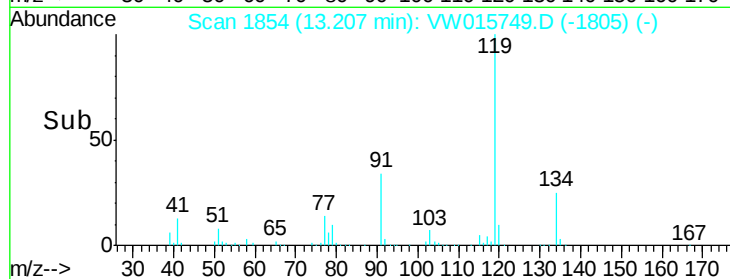
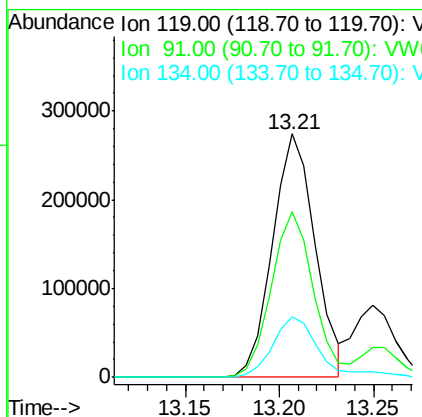
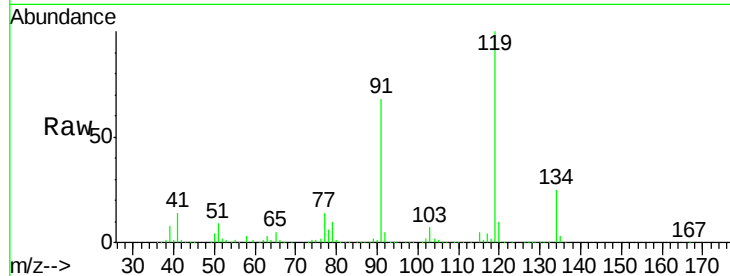




#83
tert-Butylbenzene
Concen: 50.047 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

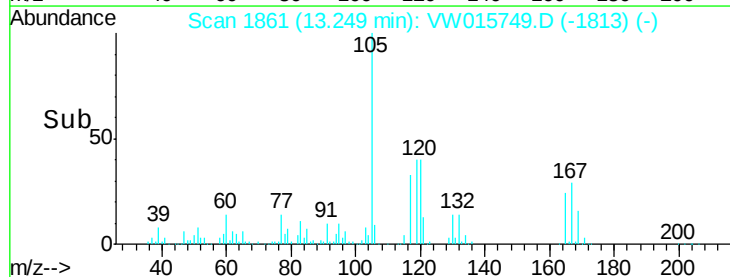
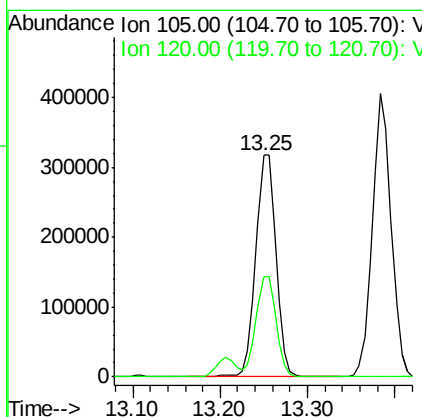
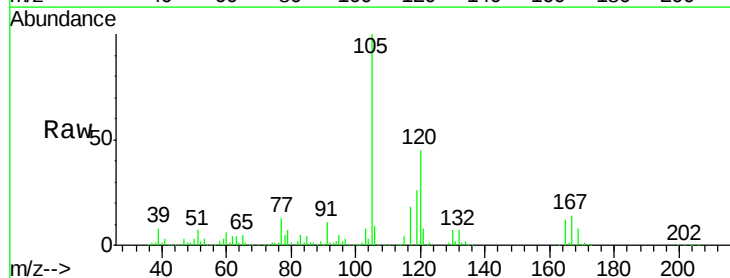
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

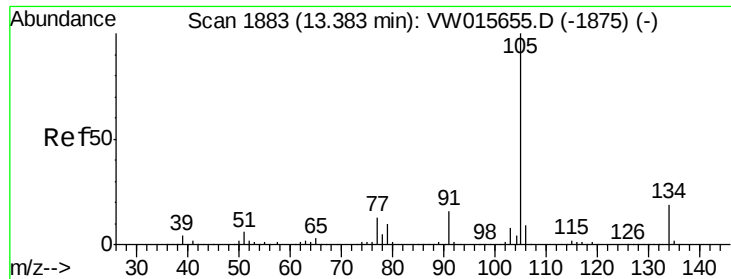
Tot Ion:119 Resp: 428990
Ion Ratio Lower Upper
119 100
91 67.8 34.7 104.1
134 27.3 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 50.393 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion:105 Resp: 509827
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.3

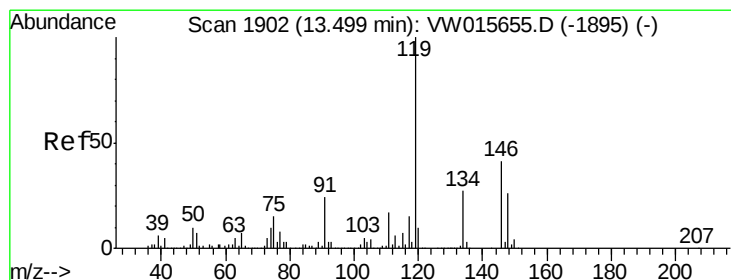
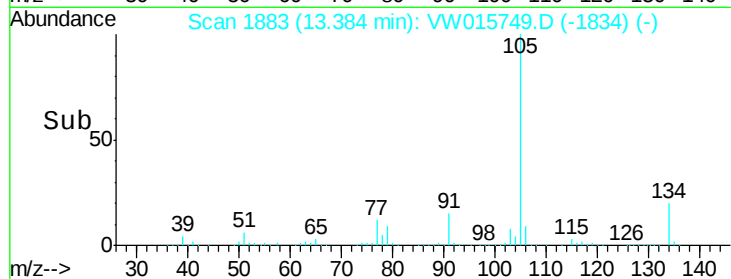
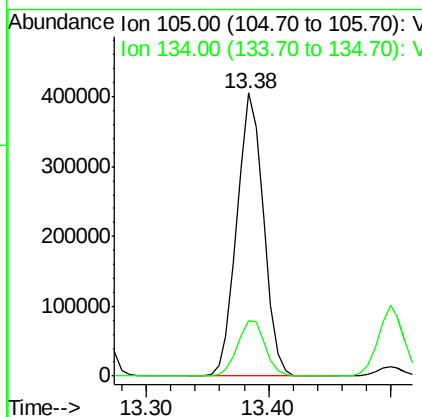
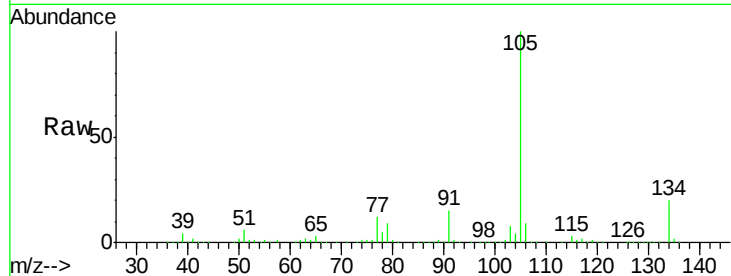




#85
 sec-Butylbenzene
 Concen: 49.658 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

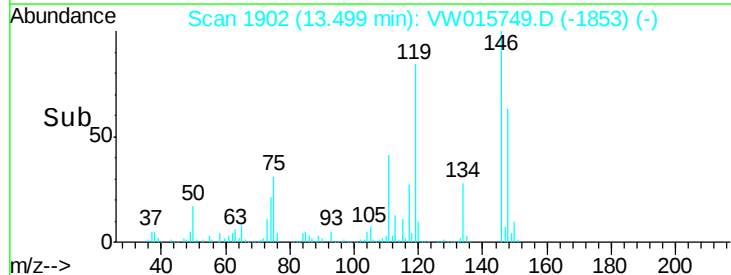
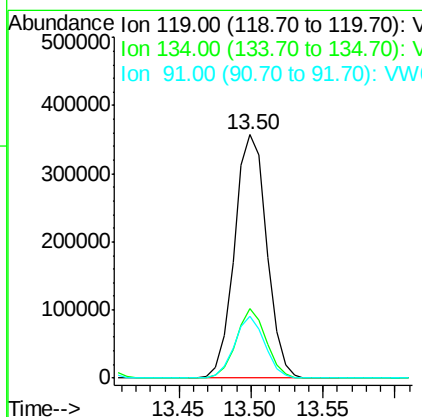
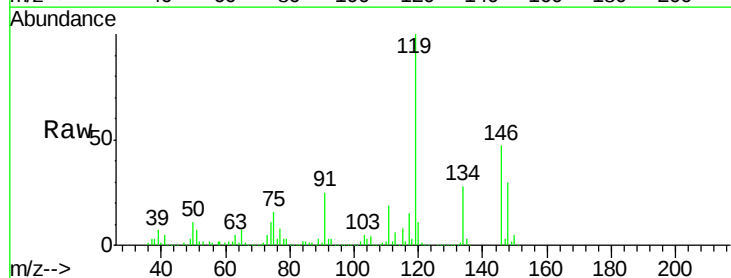
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

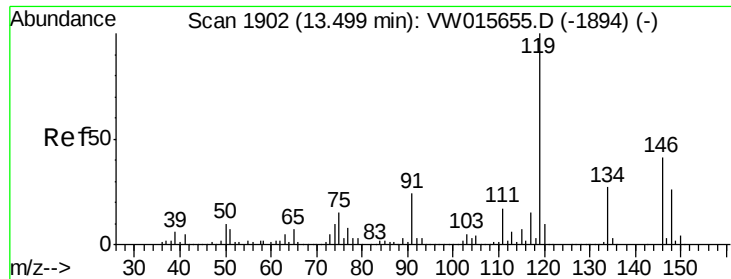
Tot Ion:105 Resp: 608332
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 49.839 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion:119 Resp: 554726
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 49.599 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

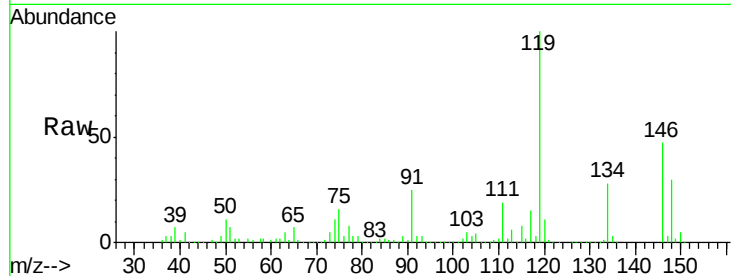
Tot Ion:146 Resp: 262859

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

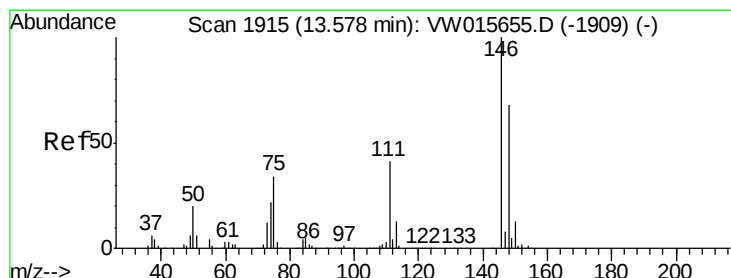
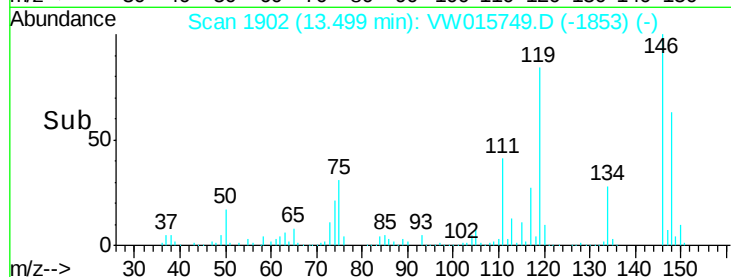
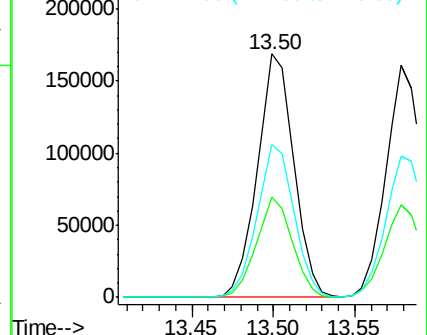
148 63.7 31.6 94.7



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: 48.295 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015749.D

Acq: 26 Jun 2020 16:18

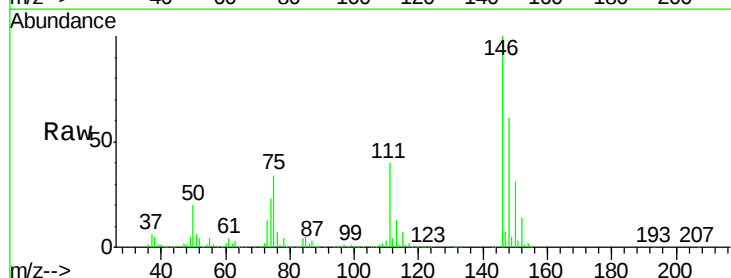
Tgt Ion:146 Resp: 253491

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

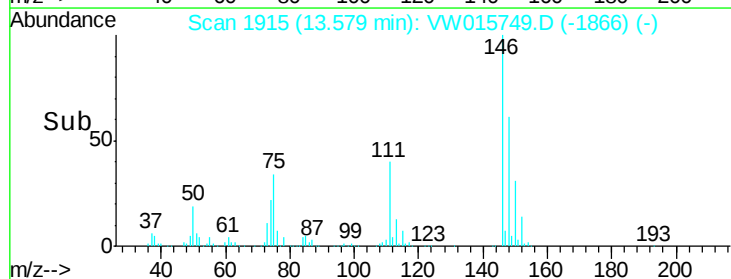
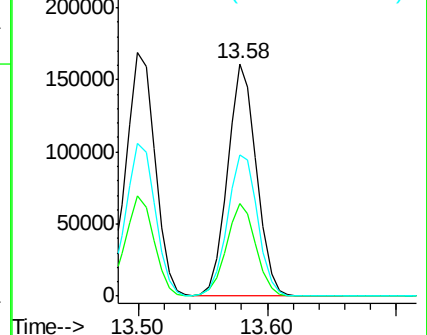
148 63.8 33.7 101.1

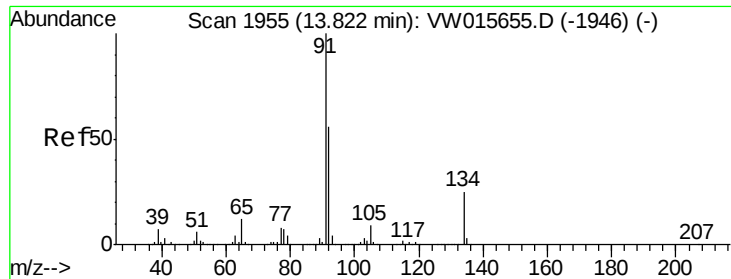


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

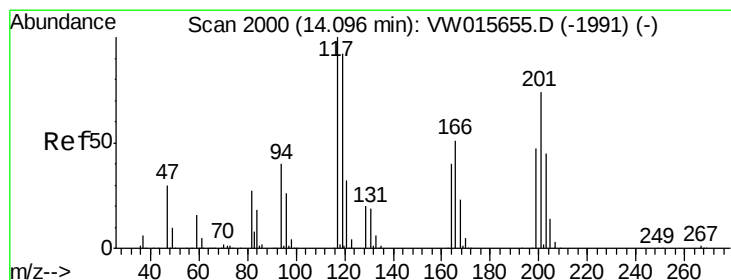
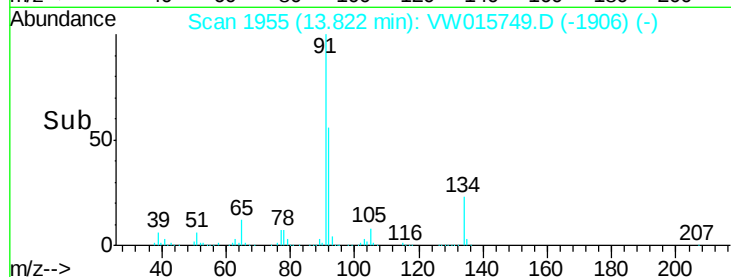
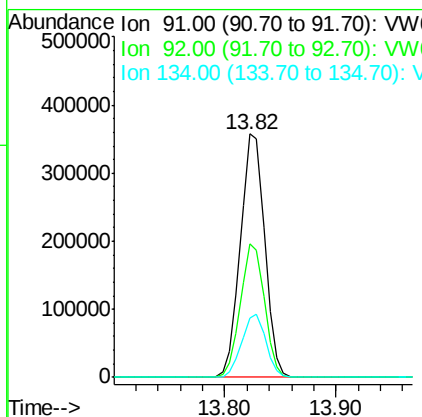
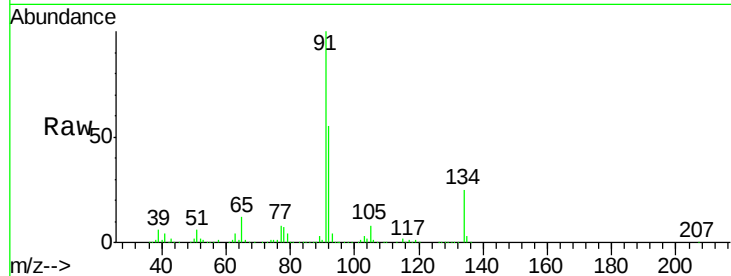




#89
n-Butylbenzene
Concen: 50.951 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

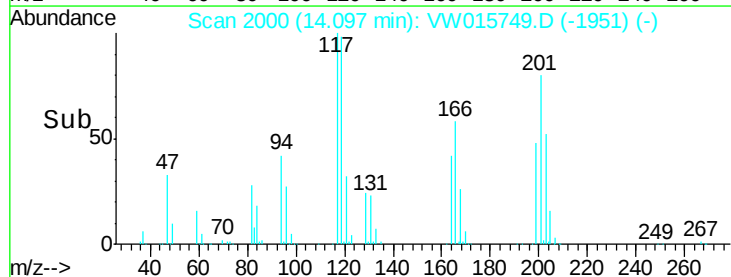
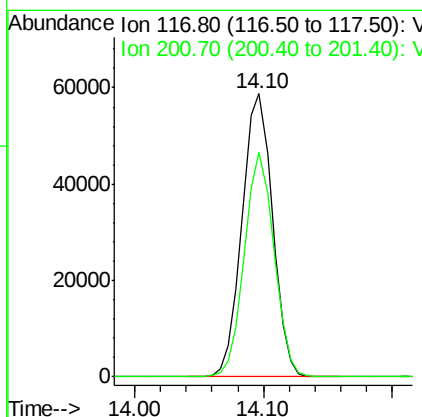
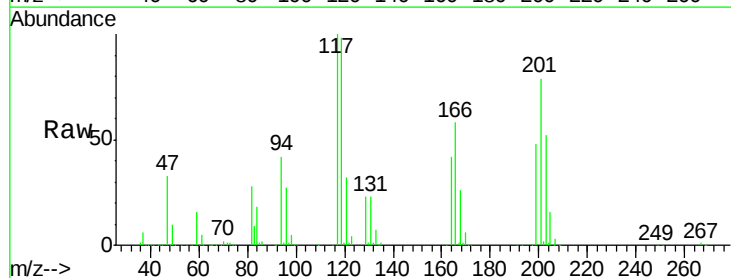
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

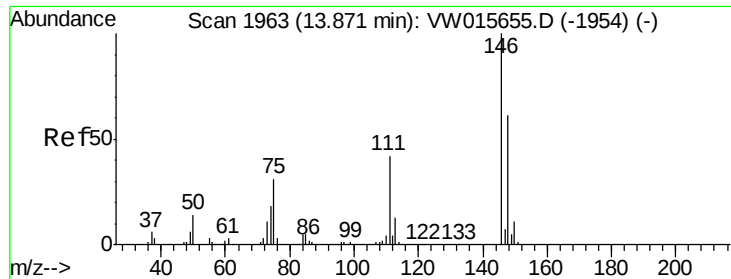
Tot Ion: 91 Resp: 544398
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 48.504 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion: 117 Resp: 96074
Ion Ratio Lower Upper
117 100
201 76.8 37.1 111.5

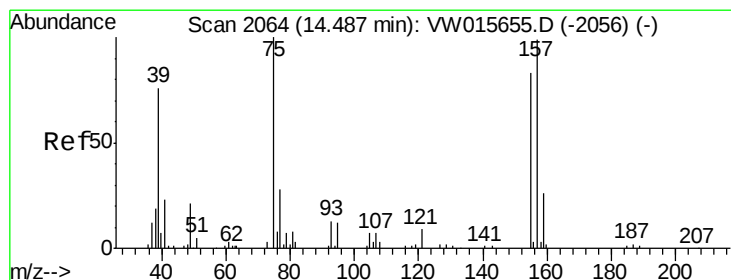
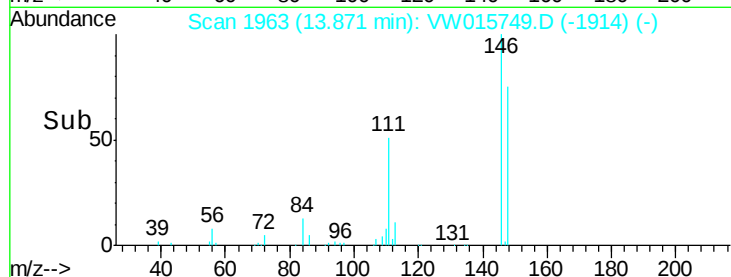
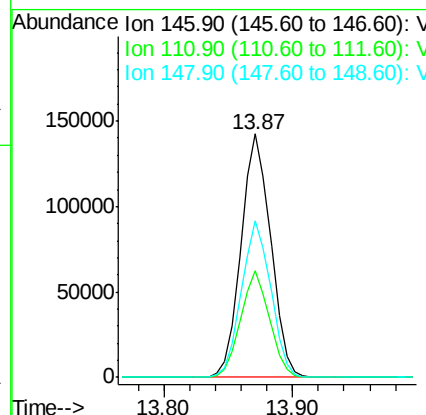
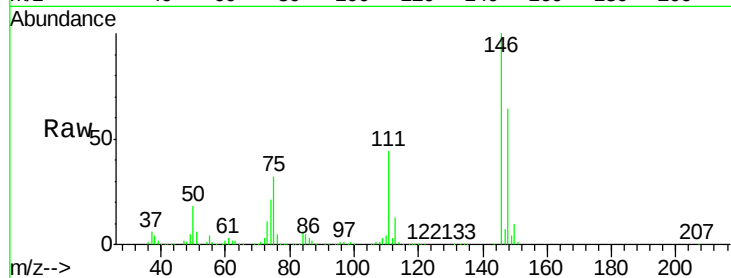




#91
 1,2-Dichlorobenzene
 Concen: 49.495 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

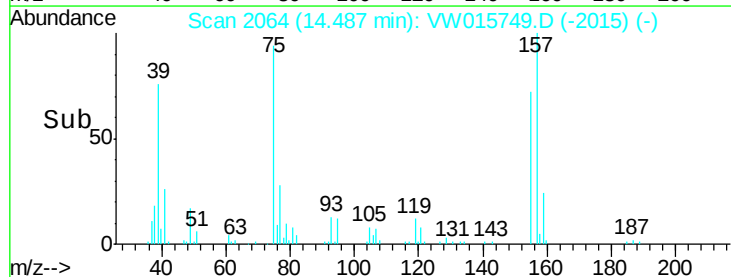
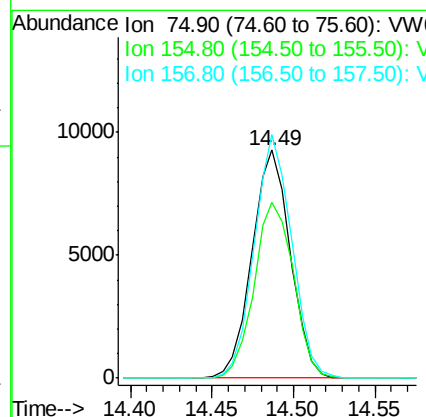
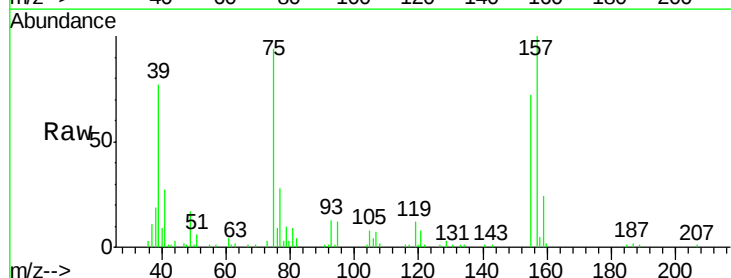
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

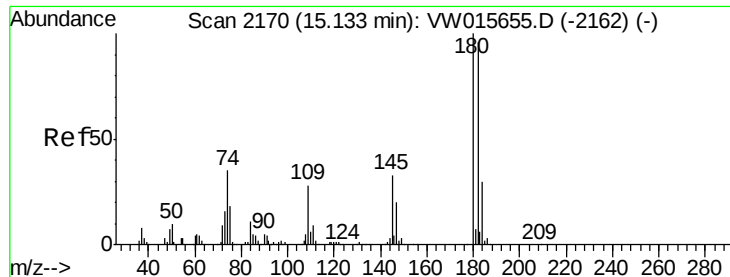
Tot Ion:146 Resp: 226797
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.7
 148 63.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.513 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion: 75 Resp: 15186
 Ion Ratio Lower Upper
 75 100
 155 78.7 40.8 122.2
 157 104.3 50.7 152.1

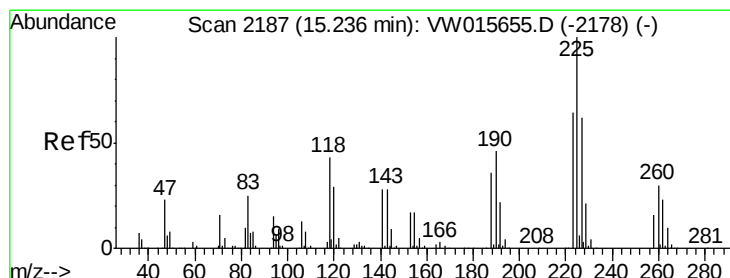
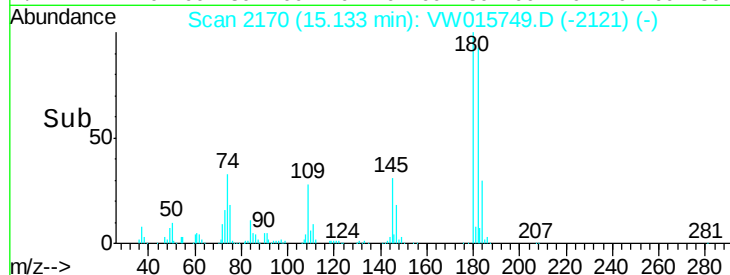
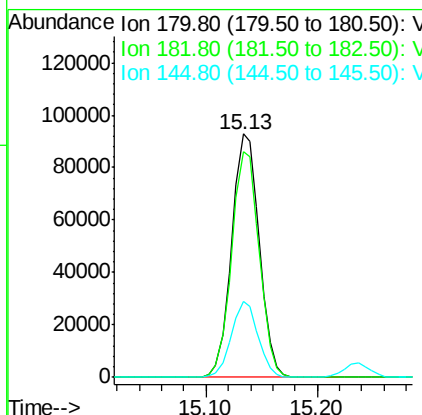
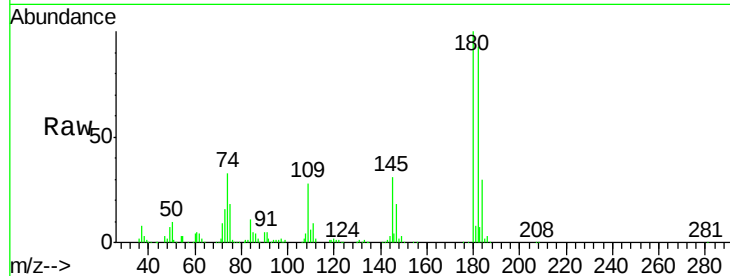




#93
 1,2,4-Trichlorobenzene
 Concen: 52.297 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

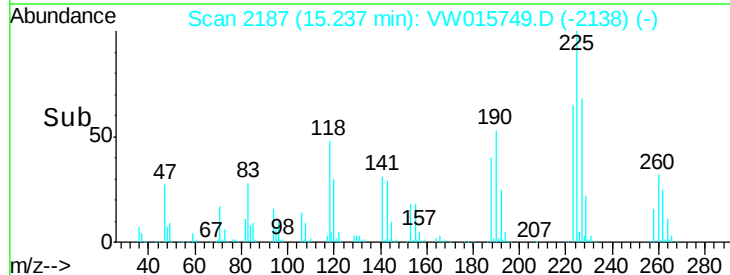
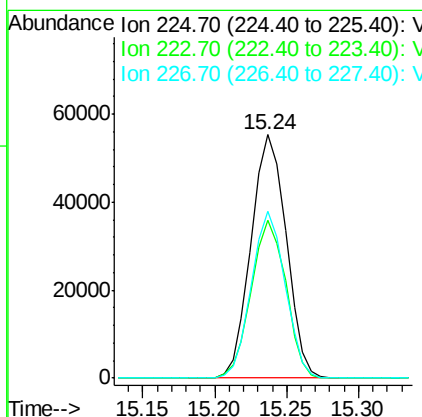
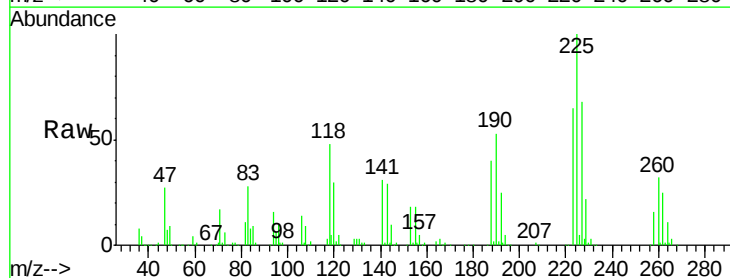
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

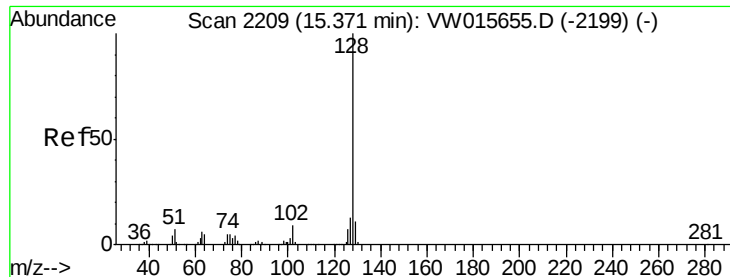
Tot Ion:180 Resp: 158247
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.9 143.6
 145 30.3 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 48.484 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015749.D
 Acq: 26 Jun 2020 16:18

Tgt Ion:225 Resp: 93464
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.0 93.0
 227 65.8 31.9 95.9

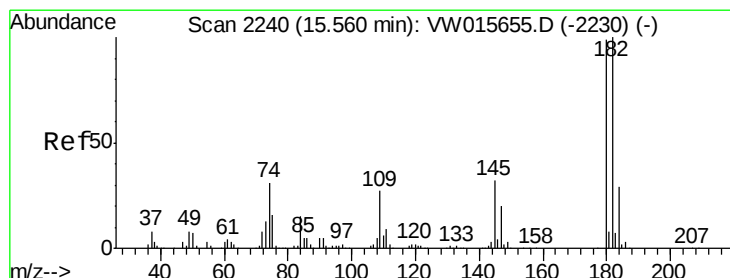
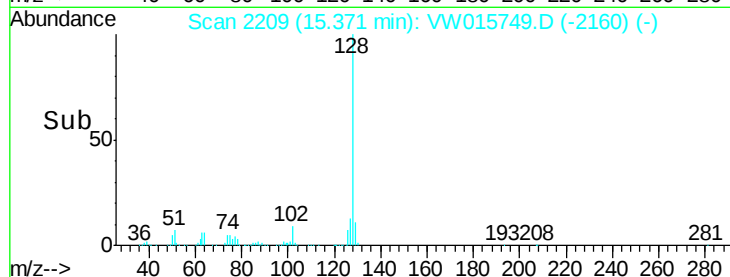
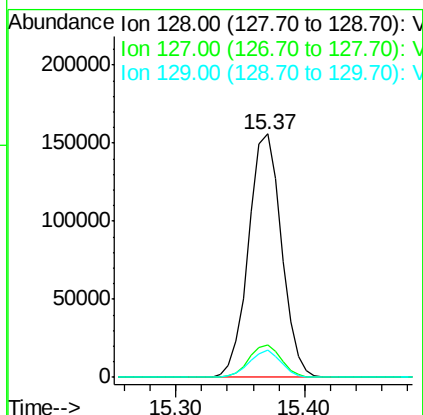
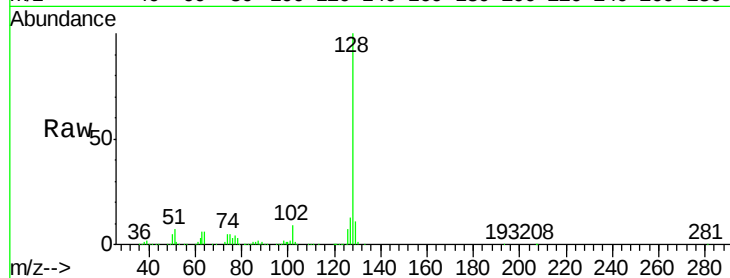




#95
Naphthalene
Concen: 54.841 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 274467
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.584 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015749.D
Acq: 26 Jun 2020 16:18

Tgt Ion:180 Resp: 134391
Ion Ratio Lower Upper
180 100
182 94.9 49.0 147.0
145 32.5 16.4 49.2

