

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015718.D
 Acq On : 25 Jun 2020 10:39
 Operator : SY/VA
 Sample : VW0625SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Quant Time: Jun 26 01:36:21 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	185593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	100832	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.88	113	90048	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.32	98	357562	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.62	95	129450	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21776	19.678	ug/l	98
3) Chloromethane	2.21	50	27513	21.173	ug/l	96
4) Vinyl Chloride	2.37	62	43731	20.817	ug/l	99
5) Bromomethane	2.78	94	36219	23.457	ug/l	99
6) Chloroethane	2.93	64	30205	21.848	ug/l	97
7) Trichlorofluoromethane	3.26	101	31806	20.164	ug/l	99
8) Diethyl Ether	3.68	74	18177	19.953	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	38032	20.455	ug/l	99
10) Methyl Iodide	4.27	142	51911	19.746	ug/l	99
11) Tert butyl alcohol	5.20	59	10652	68.973	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	36414	20.114	ug/l	96
13) Acrolein	3.90	56	13735	95.749	ug/l	99
14) Allyl chloride	4.67	41	56332	19.179	ug/l	98
15) Acrylonitrile	5.37	53	36505	97.126	ug/l	99
16) Acetone	4.14	43	36694	93.474	ug/l	99
17) Carbon Disulfide	4.38	76	96316	18.485	ug/l	100
18) Methyl Acetate	4.67	43	18151	19.524	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	54133	19.868	ug/l	96
20) Methylene Chloride	4.92	84	48949	23.146	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	40947	19.727	ug/l	98
22) Diisopropyl ether	6.31	45	115782	19.820	ug/l	96
23) Vinyl Acetate	6.26	43	322959	94.802	ug/l	100
24) 1,1-Dichloroethane	6.21	63	74478	20.254	ug/l	99
25) 2-Butanone	7.18	43	48996	92.349	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46869	19.003	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44212	19.801	ug/l	97
28) Bromochloromethane	7.51	49	29210	20.651	ug/l #	13
29) Tetrahydrofuran	7.54	42	28950	92.855	ug/l	99
30) Chloroform	7.68	83	75308	19.969	ug/l	99
31) Cyclohexane	7.95	56	69257	19.470	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	64534	20.075	ug/l	99
36) 1,1-Dichloropropene	8.09	75	62404	20.586	ug/l	99
37) Ethyl Acetate	7.26	43	21718	18.764	ug/l	99
38) Carbon Tetrachloride	8.07	117	58958	20.064	ug/l	97

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 Sample : VW0625SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
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Instrument :
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 VW0625SBS01

Quant Time: Jun 26 01:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73567	20.036	ug/l	97
40) Benzene	8.32	78	167260	20.292	ug/l	99
41) Methacrylonitrile	7.49	41	12393	18.656	ug/l	96
42) 1,2-Dichloroethane	8.40	62	51775	20.304	ug/l	100
43) Isopropyl Acetate	8.43	43	42851	18.552	ug/l	98
44) Trichloroethene	9.09	130	44105	19.852	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40488	20.096	ug/l	98
46) Dibromomethane	9.46	93	20434	19.603	ug/l	99
47) Bromodichloromethane	9.65	83	52417	19.278	ug/l	98
48) Methyl methacrylate	9.44	41	19678	18.634	ug/l	94
49) 1,4-Dioxane	9.46	88	5565	406.956	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	104269	93.608	ug/l	99
52) Toluene	10.39	92	109613	20.595	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	48110	18.315	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	59467	18.950	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28688	19.794	ug/l	98
56) Ethyl methacrylate	10.65	69	34134	18.928	ug/l #	95
57) 1,3-Dichloropropane	10.93	76	51545	20.061	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	92006	107.813	ug/l	100
59) 2-Hexanone	10.97	43	71414	94.173	ug/l	99
60) Dibromochloromethane	11.13	129	32129	19.023	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27321	19.721	ug/l	99
64) Tetrachloroethene	10.87	164	36900	19.639	ug/l	94
65) Chlorobenzene	11.66	112	114074	20.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	39002	19.726	ug/l	98
67) Ethyl Benzene	11.73	91	210756	20.082	ug/l	97
68) m/p-Xylenes	11.84	106	161393	40.955	ug/l	99
69) o-Xylene	12.17	106	72459	19.998	ug/l	100
70) Styrene	12.18	104	125187	20.222	ug/l	100
71) Bromoform	12.35	173	16379	18.004	ug/l #	97
73) Isopropylbenzene	12.46	105	204392	19.646	ug/l	99
74) N-amyl acetate	12.27	43	40549	18.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	31669	19.028	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	40531	32.581	ug/l #	1
77) Bromobenzene	12.75	156	45567	19.642	ug/l	99
78) n-propylbenzene	12.80	91	253357	20.232	ug/l	99
79) 2-Chlorotoluene	12.90	91	142225	20.171	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	178733	20.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8000	16.206	ug/l	87
82) 4-Chlorotoluene	12.99	91	149463	20.036	ug/l	99
83) tert-Butylbenzene	13.21	119	148582	19.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	175849	20.003	ug/l	99
85) sec-Butylbenzene	13.38	105	218009	20.480	ug/l	100
86) p-Isopropyltoluene	13.50	119	199819	20.660	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	96006	20.847	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92026	20.177	ug/l	98
89) n-Butylbenzene	13.82	91	193314	20.821	ug/l	97
90) Hexachloroethane	14.10	117	32727	19.014	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	81458	20.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4747	17.811	ug/l	97

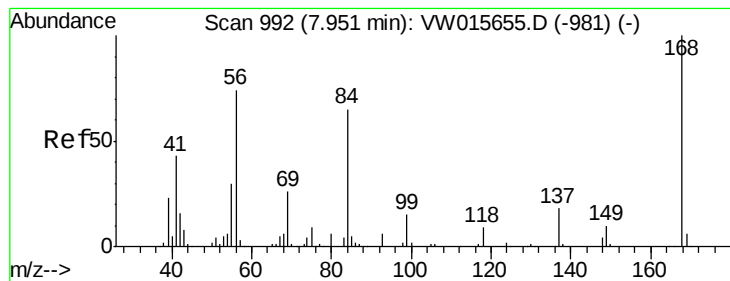
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
Data File : VW015718.D
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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51723	19.671	ug/l	98
94) Hexachlorobutadiene	15.23	225	32490	19.396	ug/l	97
95) Naphthalene	15.37	128	81912	18.835	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	44127	19.492	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

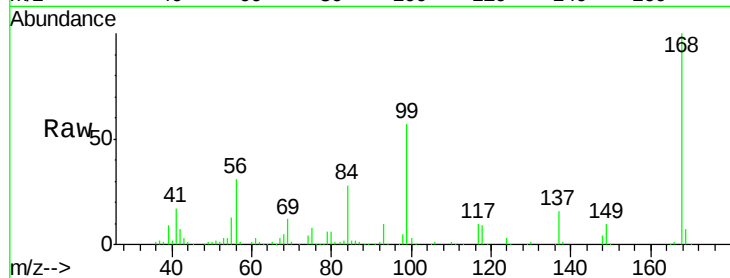
VW0625SBS01

Tot Ion:168 Resp: 185593

Ion Ratio Lower Upper

168 100

99 57.3 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

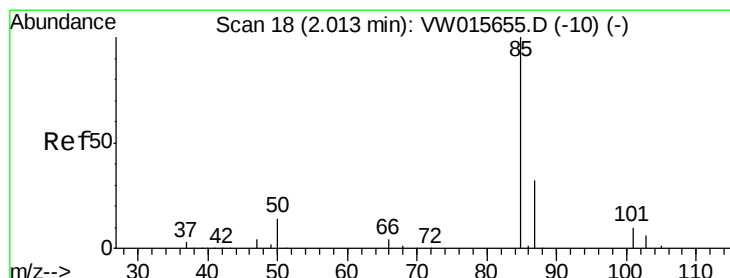
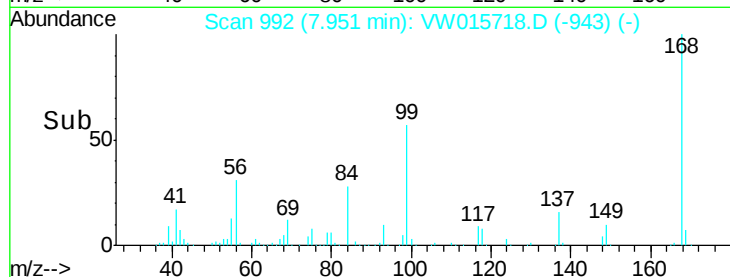
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.678 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015718.D

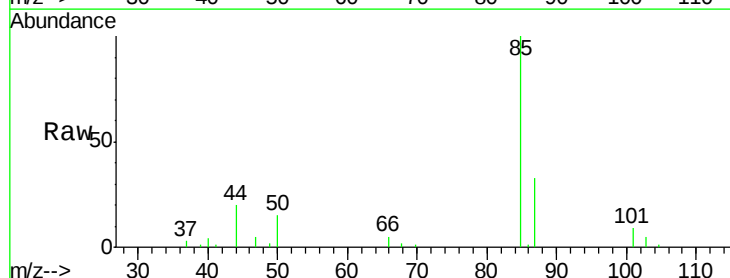
Acq: 25 Jun 2020 10:39

Tgt Ion: 85 Resp: 21776

Ion Ratio Lower Upper

85 100

87 32.9 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

6000

4000

2000

0

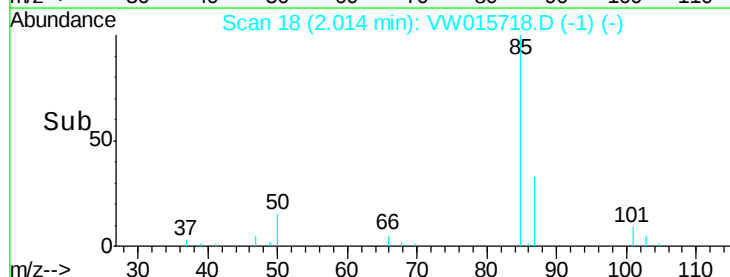
1.90

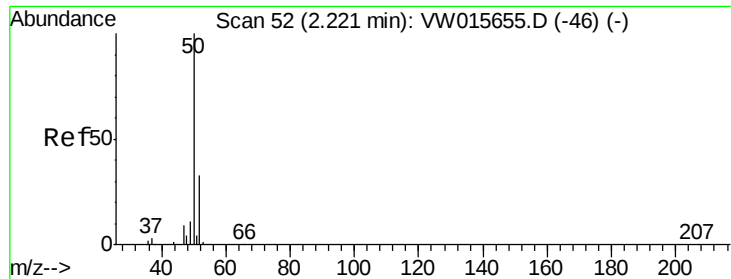
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.173 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

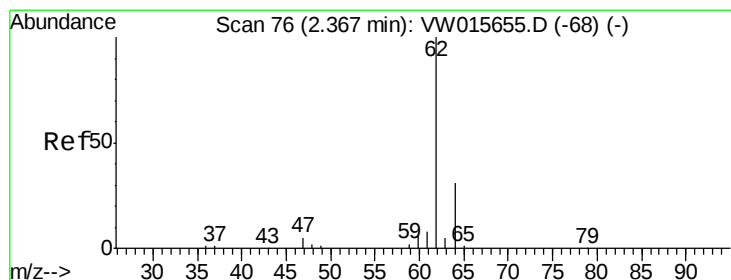
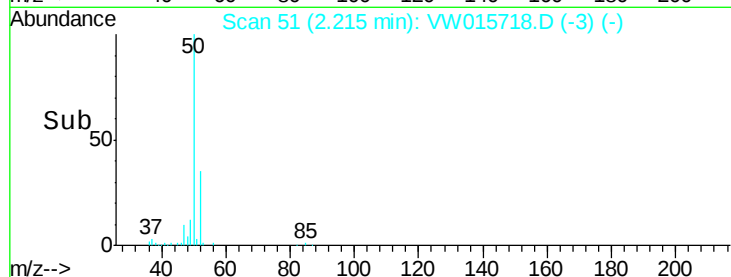
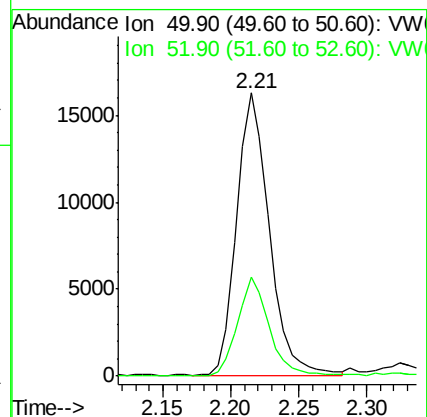
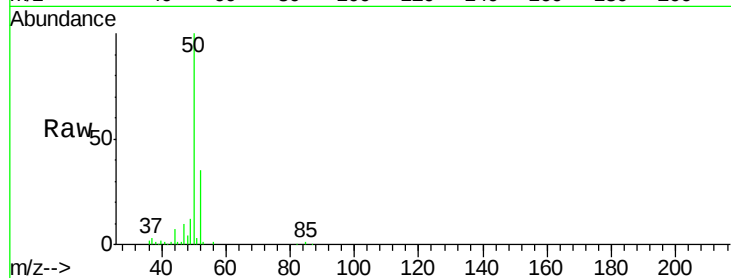
VW0625SBS01

Tot Ion: 50 Resp: 27513

Ion Ratio Lower Upper

50 100

52 34.8 26.0 39.0



#4

Vinyl Chloride

Concen: 20.817 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015718.D

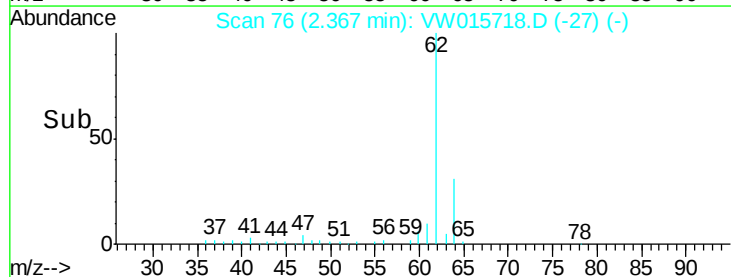
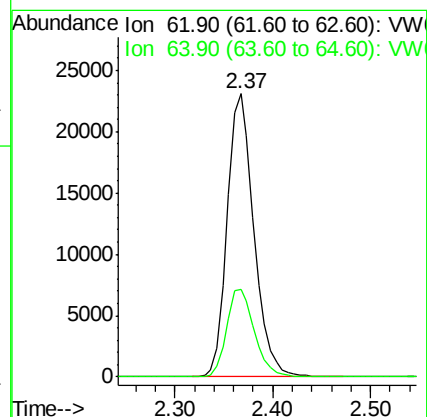
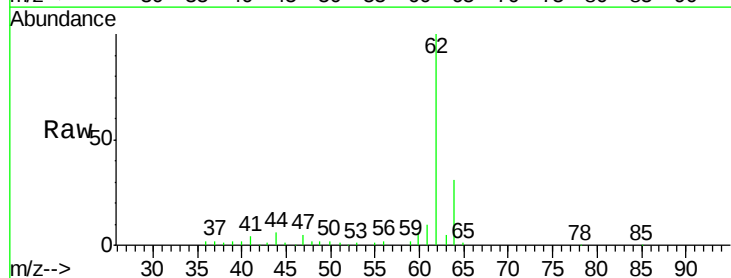
Acq: 25 Jun 2020 10:39

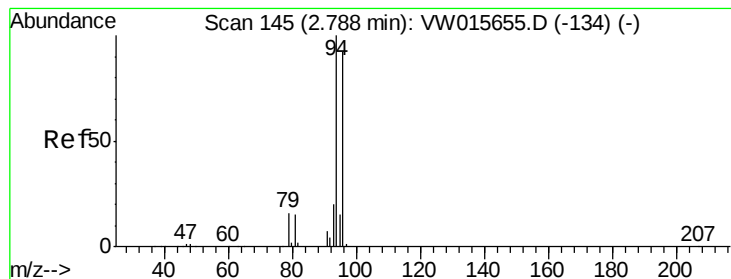
Tgt Ion: 62 Resp: 43731

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 23.457 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

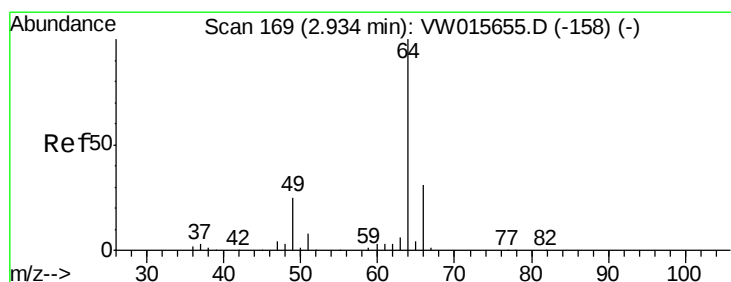
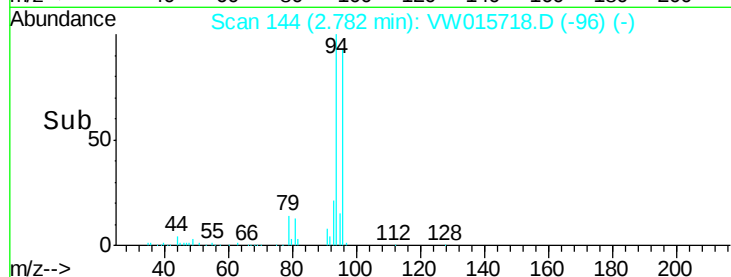
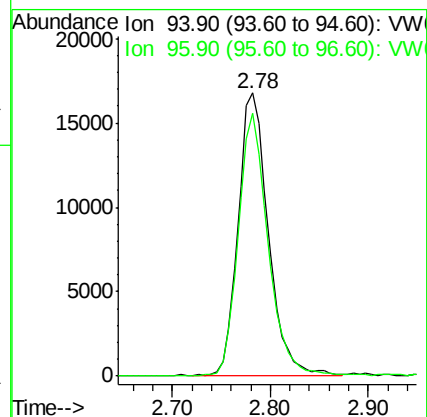
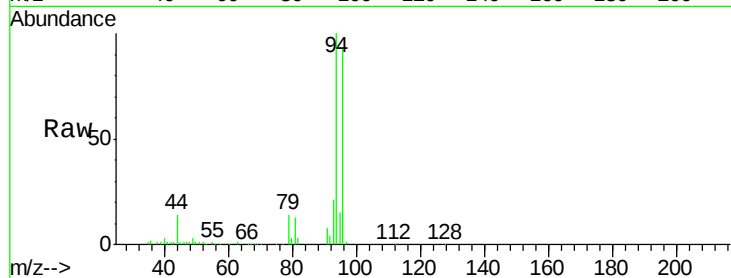
VW0625SBS01

Tot Ion: 94 Resp: 36219

Ion Ratio Lower Upper

94 100

96 92.8 73.8 110.6



#6

Chloroethane

Concen: 21.848 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015718.D

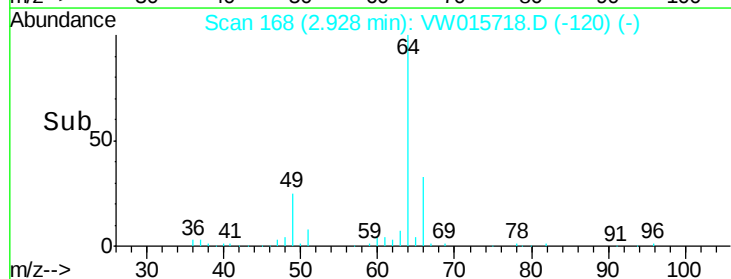
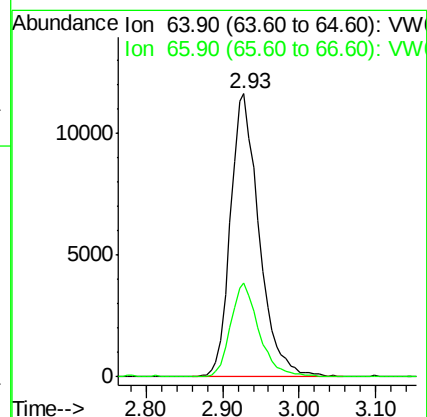
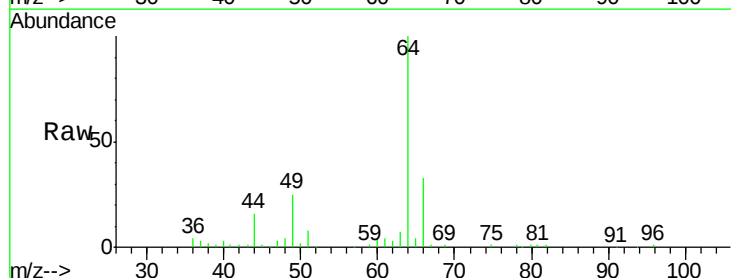
Acq: 25 Jun 2020 10:39

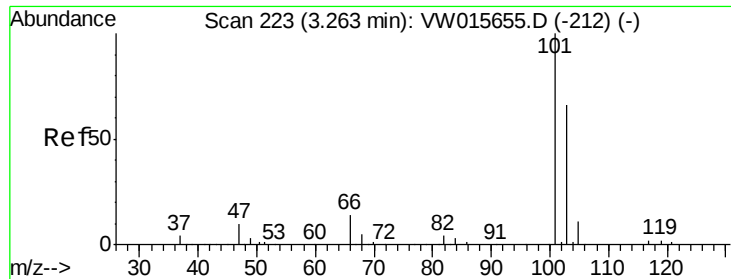
Tgt Ion: 64 Resp: 30205

Ion Ratio Lower Upper

64 100

66 33.3 25.3 37.9



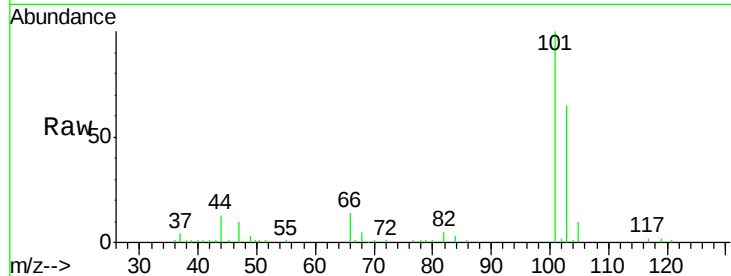


#7

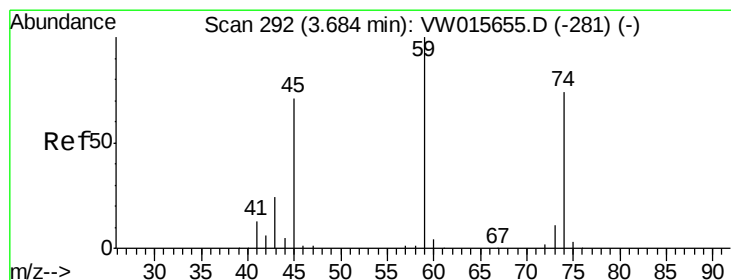
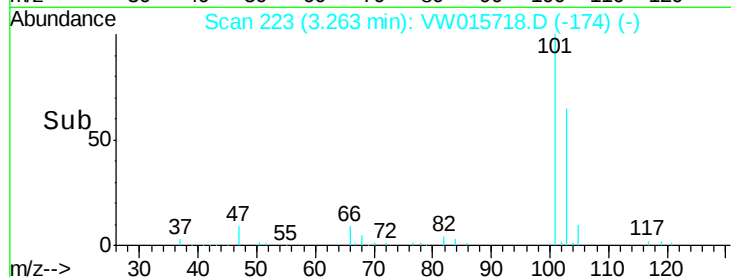
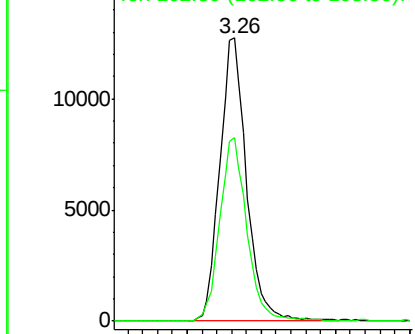
Trichlorofluoromethane
 Concen: 20.164 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion:101 Resp: 31806
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 78.8



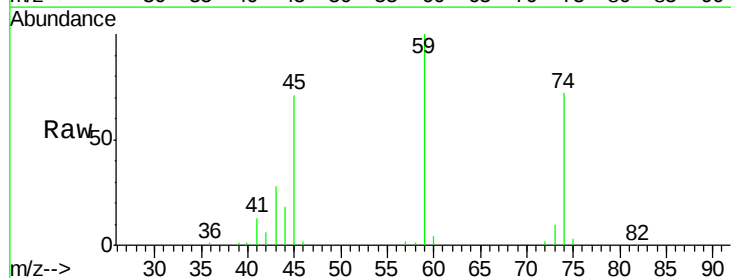
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



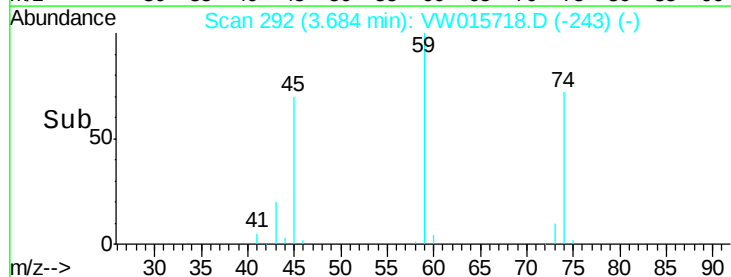
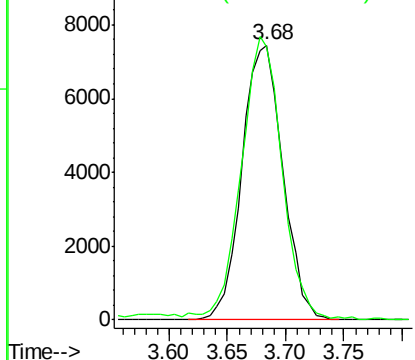
#8

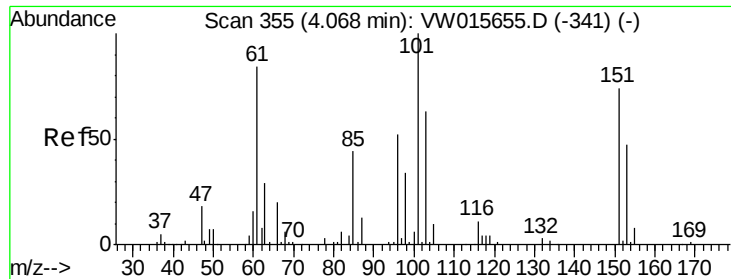
Diethyl Ether
 Concen: 19.953 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 74 Resp: 18177
 Ion Ratio Lower Upper
 74 100
 45 103.6 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.455 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

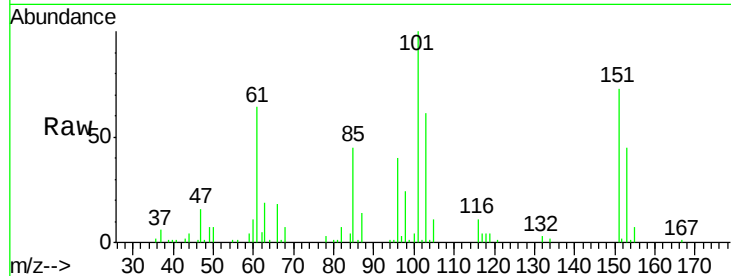
Tot Ion:101 Resp: 38032

Ion Ratio Lower Upper

101 100

85 44.2 36.6 55.0

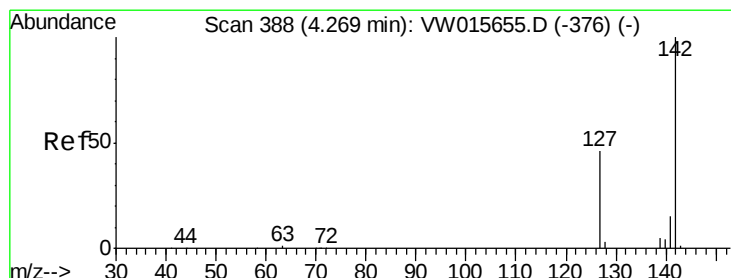
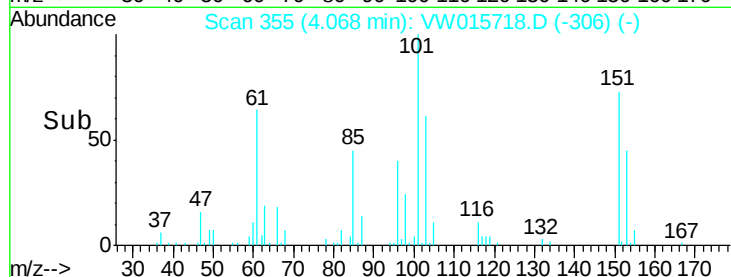
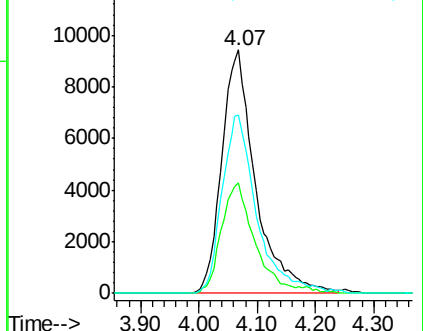
151 74.7 60.4 90.6



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: 19.746 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

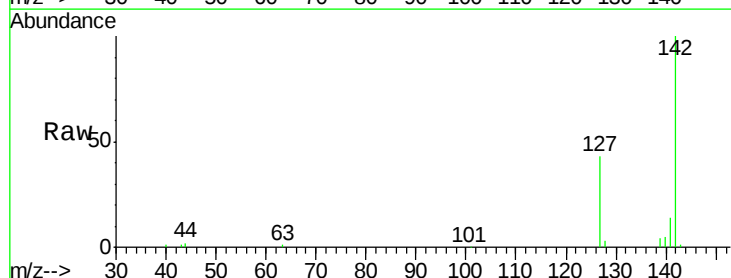
Tgt Ion:142 Resp: 51911

Ion Ratio Lower Upper

142 100

127 44.6 36.4 54.6

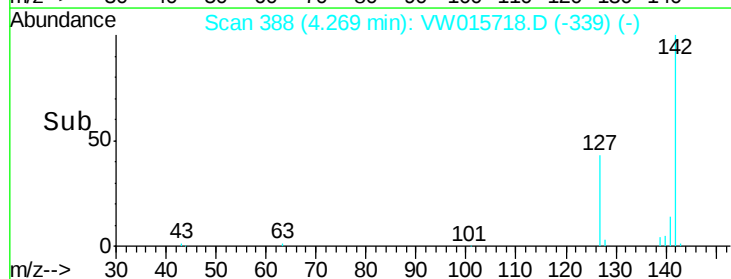
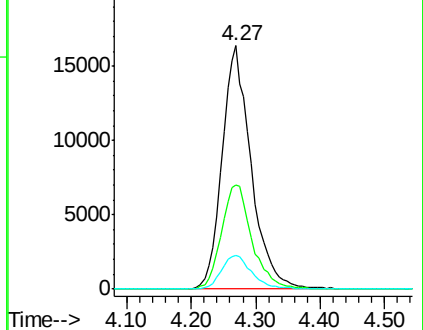
141 14.4 11.6 17.4

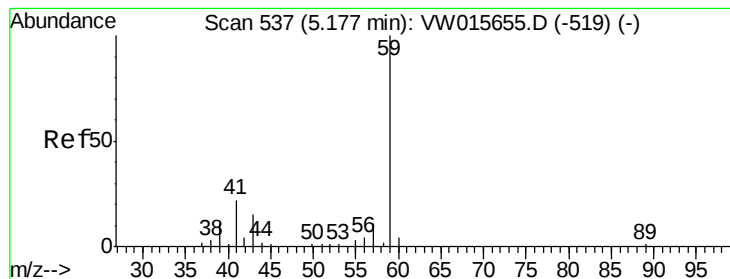


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



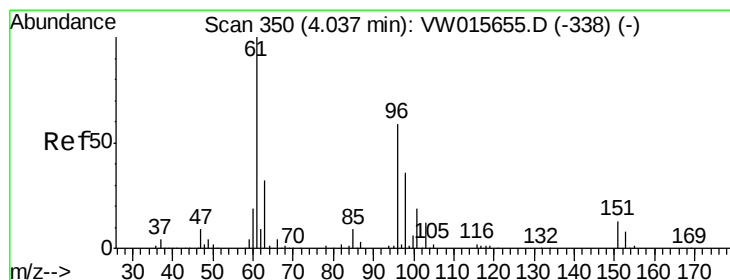
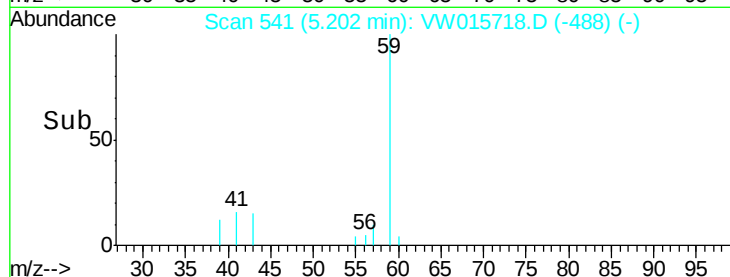
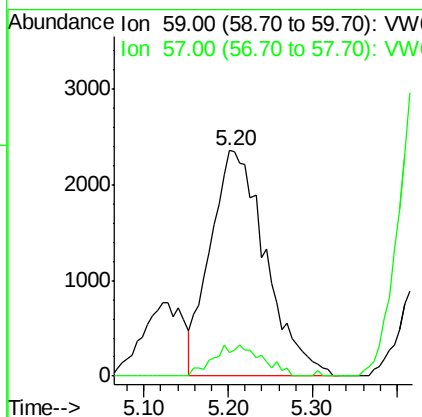
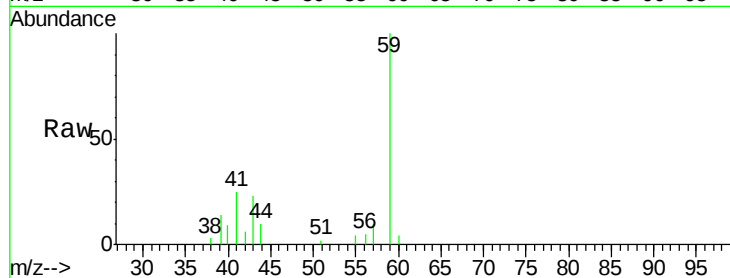


#11

Tert butyl alcohol
 Concen: 68.973 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

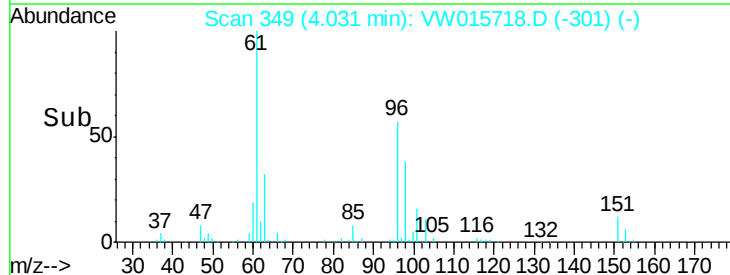
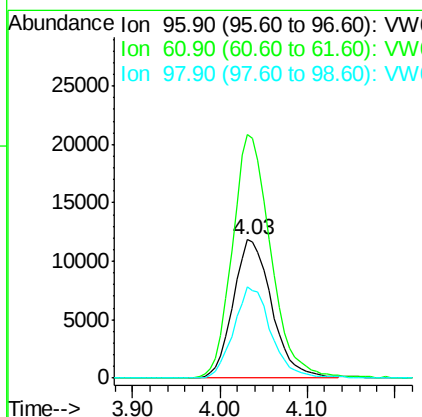
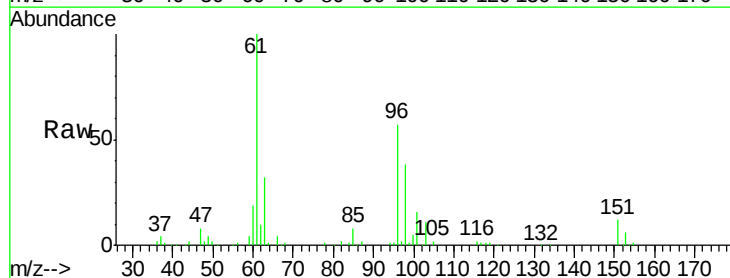
Tot Ion: 59 Resp: 10652
 Ion Ratio Lower Upper
 59 100
 57 4.7 8.4 12.6#

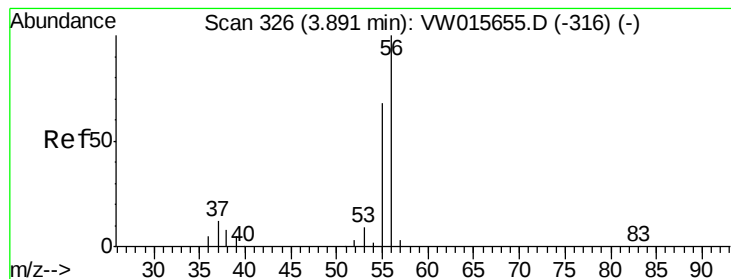


#12

1,1-Dichloroethene
 Concen: 20.114 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 96 Resp: 36414
 Ion Ratio Lower Upper
 96 100
 61 176.0 136.7 205.1
 98 66.1 49.2 73.8





#13

Acrolein

Concen: 95.749 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

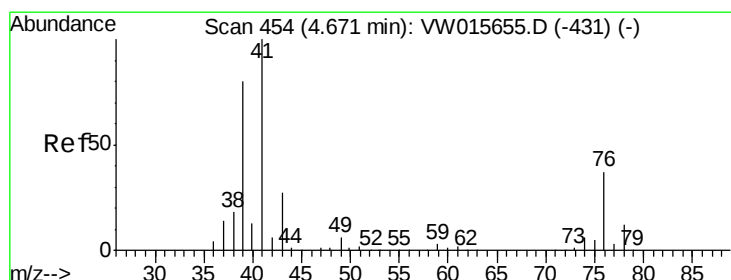
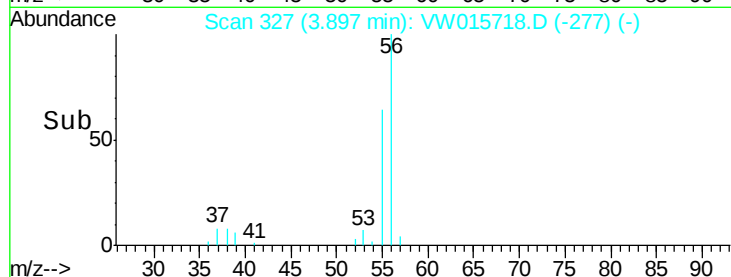
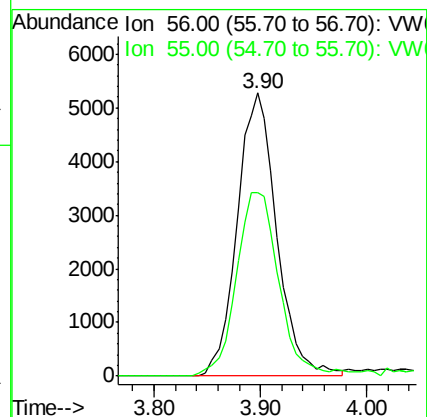
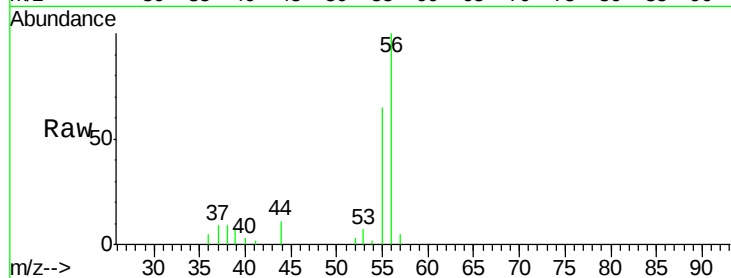
VW0625SBS01

Tot Ion: 56 Resp: 13735

Ion Ratio Lower Upper

56 100

55 69.3 56.2 84.2



#14

Allyl chloride

Concen: 19.179 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

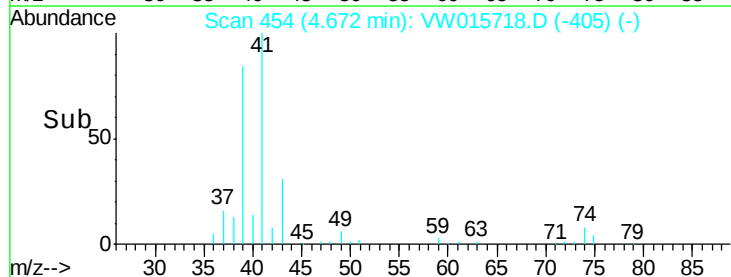
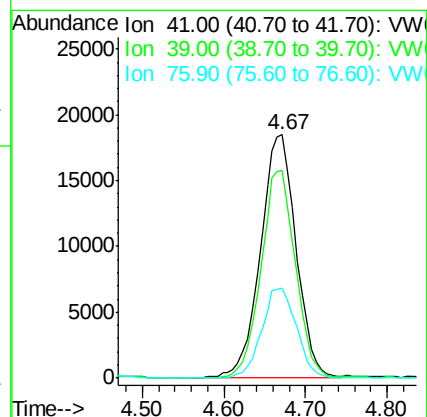
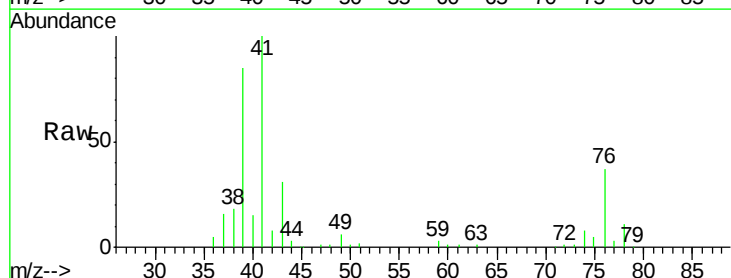
Tgt Ion: 41 Resp: 56332

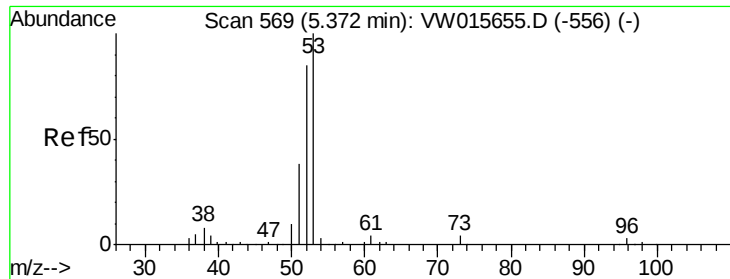
Ion Ratio Lower Upper

41 100

39 82.5 64.6 97.0

76 35.7 29.1 43.7





#15

Acrylonitrile

Concen: 97.126 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

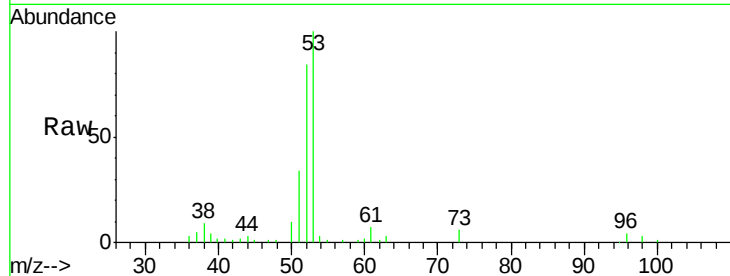
Tot Ion: 53 Resp: 36505

Ion Ratio Lower Upper

53 100

52 83.0 65.8 98.6

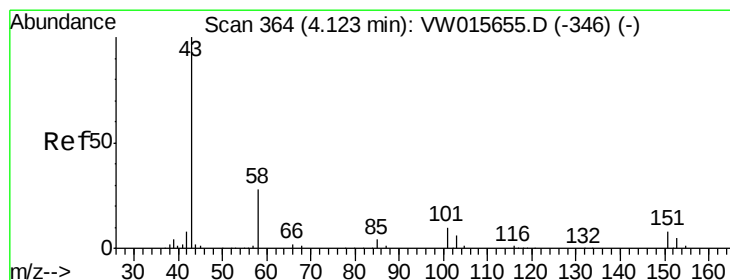
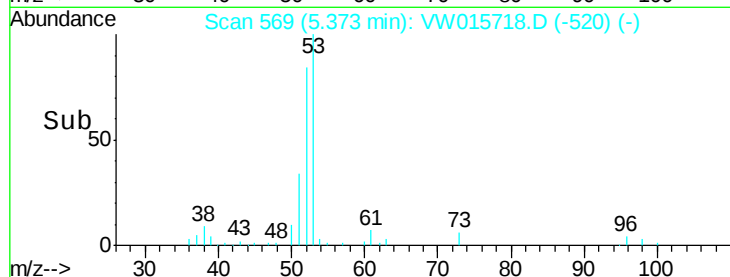
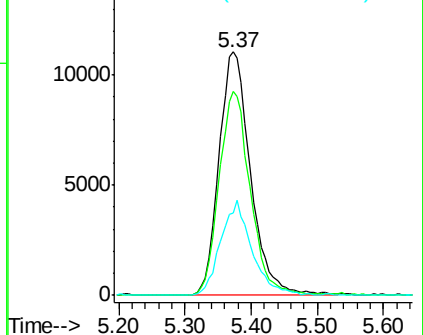
51 38.4 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 93.474 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015718.D

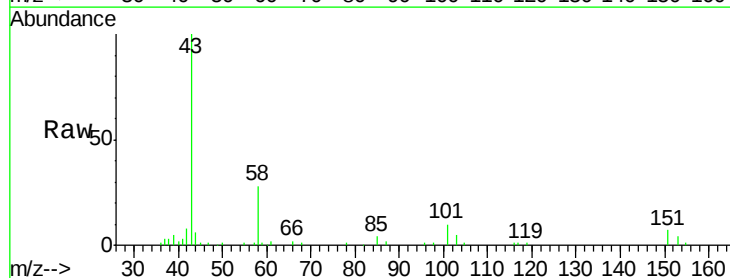
Acq: 25 Jun 2020 10:39

Tgt Ion: 43 Resp: 36694

Ion Ratio Lower Upper

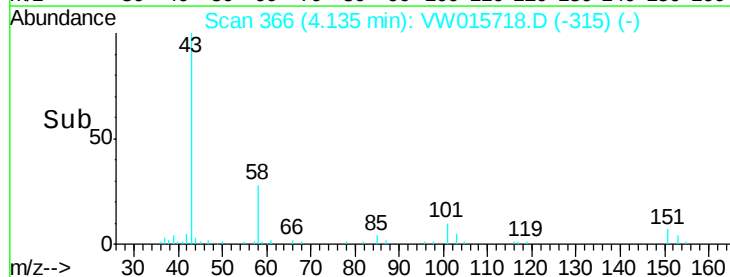
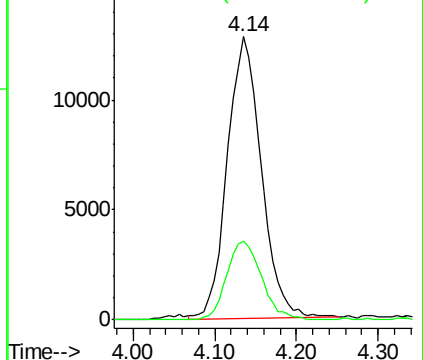
43 100

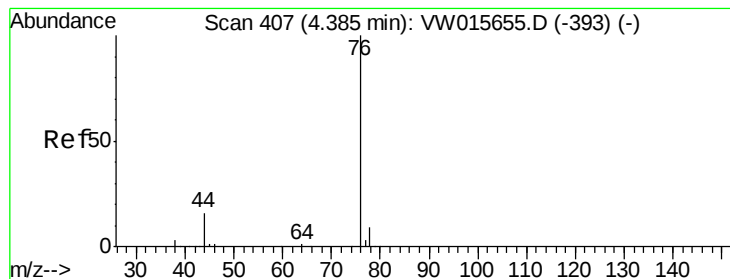
58 27.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 18.485 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

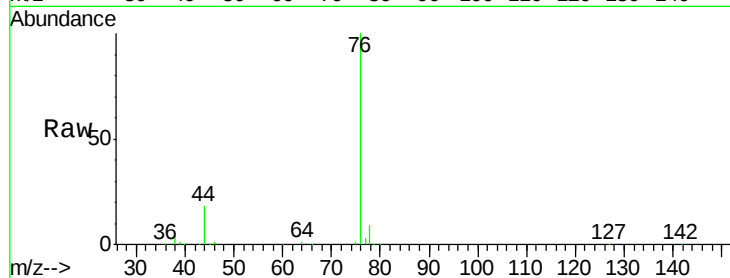
VW0625SBS01

Tot Ion: 76 Resp: 96316

Ion Ratio Lower Upper

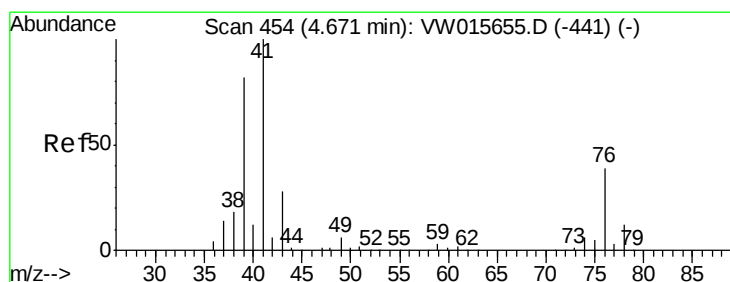
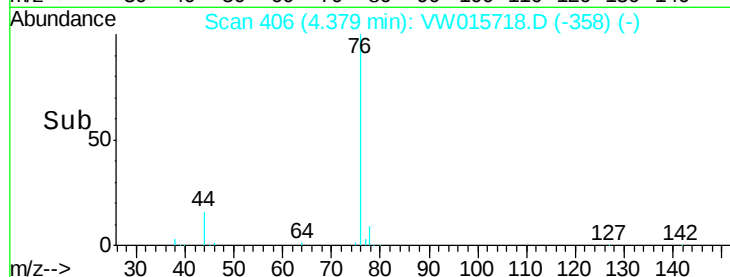
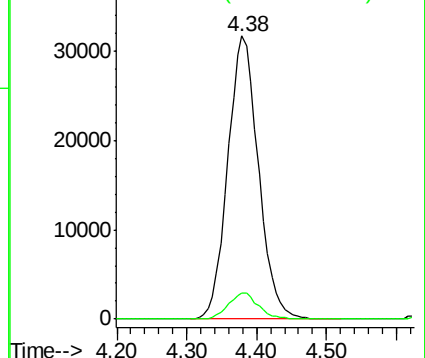
76 100

78 9.0 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: 19.524 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015718.D

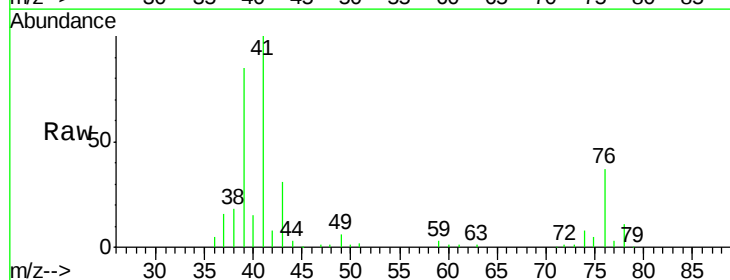
Acq: 25 Jun 2020 10:39

Tgt Ion: 43 Resp: 18151

Ion Ratio Lower Upper

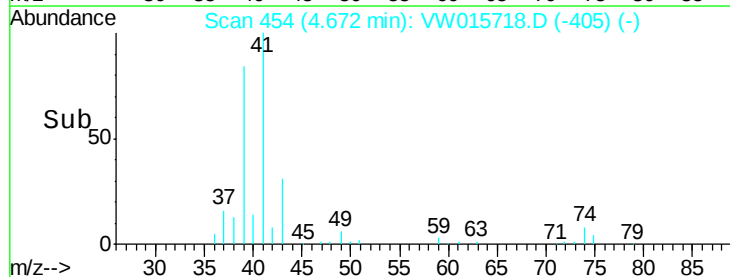
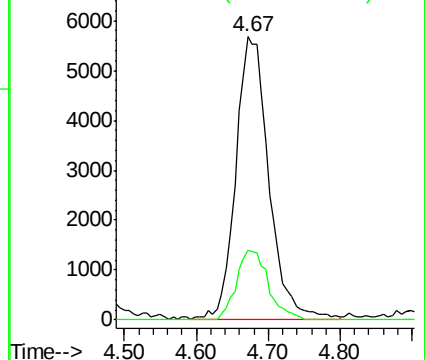
43 100

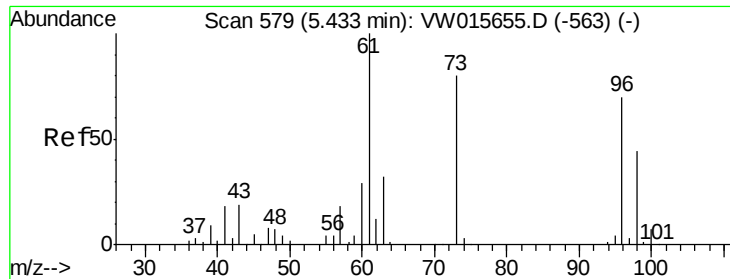
74 23.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

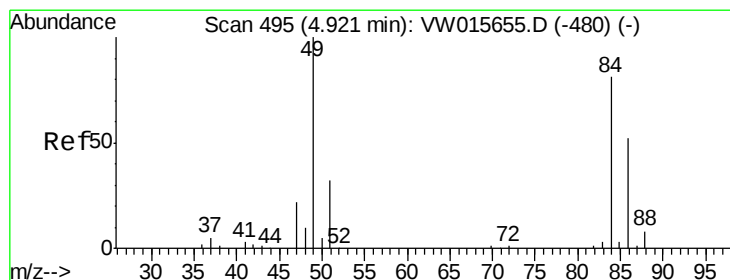
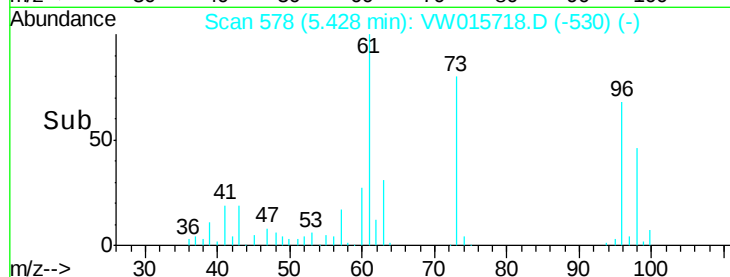
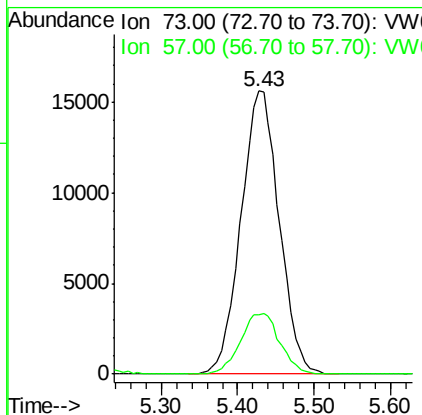
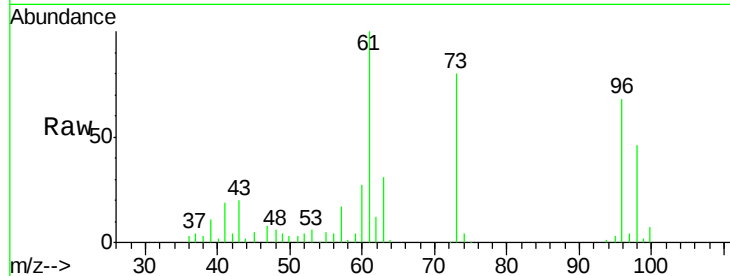




#19
Methyl tert-butyl Ether
Concen: 19.868 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

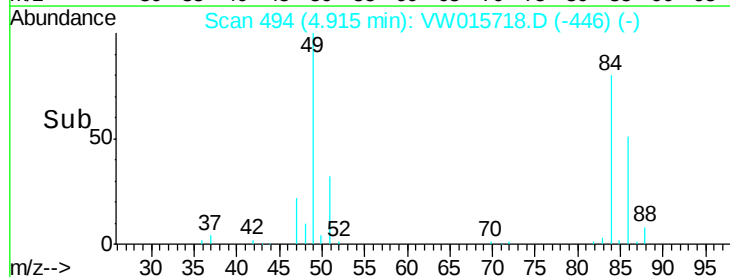
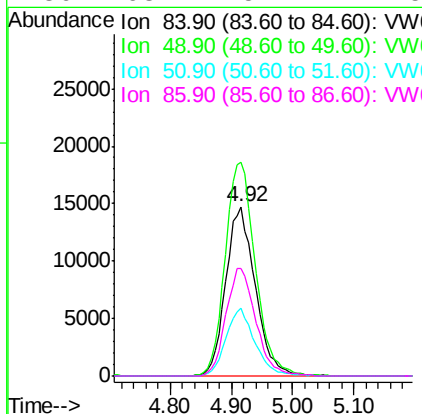
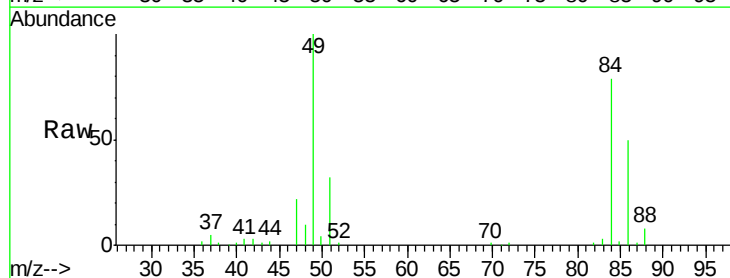
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

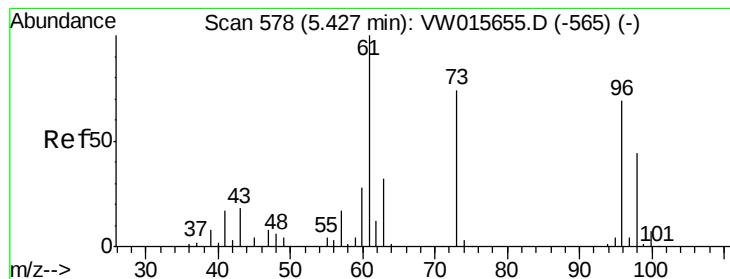
Tot Ion: 73 Resp: 54133
Ion Ratio Lower Upper
73 100
57 20.8 18.1 27.1



#20
Methylene Chloride
Concen: 23.146 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 84 Resp: 48949
Ion Ratio Lower Upper
84 100
49 126.4 99.3 148.9
51 40.0 31.8 47.6
86 63.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.727 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

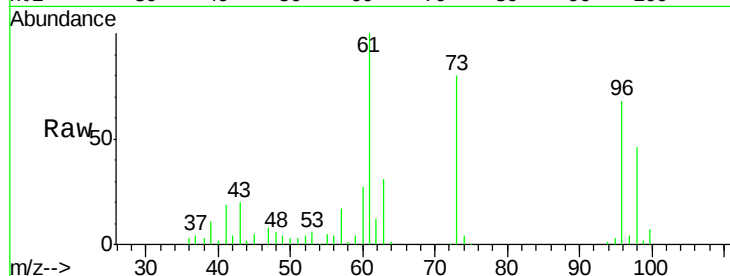
Tot Ion: 96 Resp: 40947

Ion Ratio Lower Upper

96 100

61 146.4 116.2 174.2

98 67.3 51.4 77.0

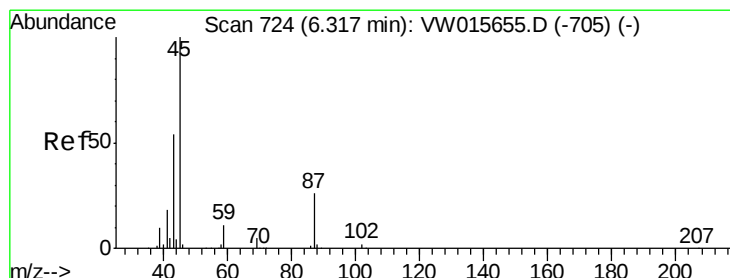
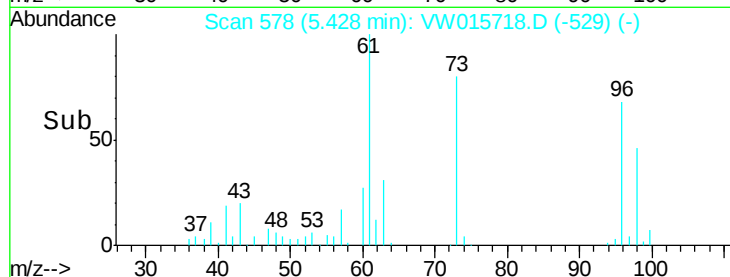
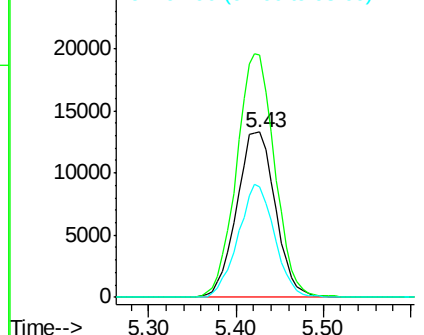


Abundance

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: 19.820 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion: 45 Resp: 115782

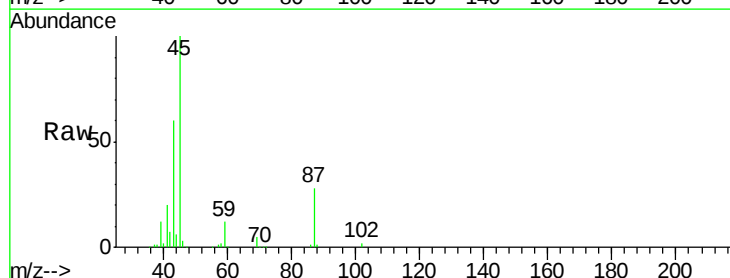
Ion Ratio Lower Upper

45 100

43 59.5 43.9 65.9

87 27.7 21.2 31.8

59 11.5 9.2 13.8



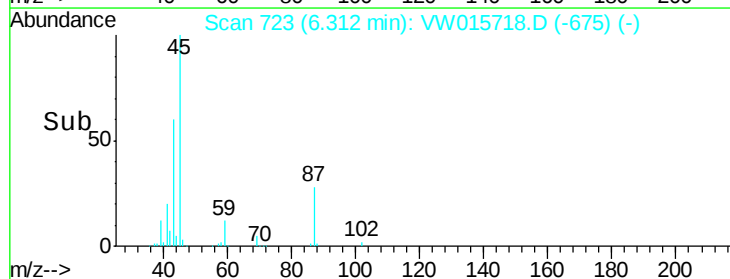
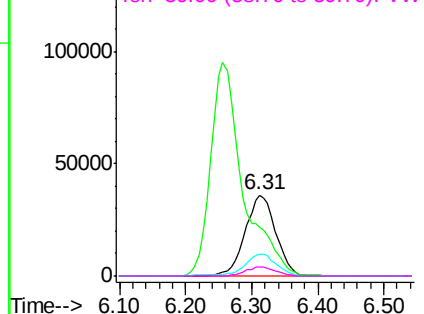
Abundance

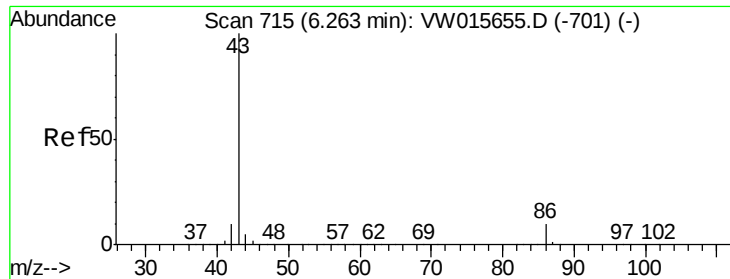
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 94.802 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampled :

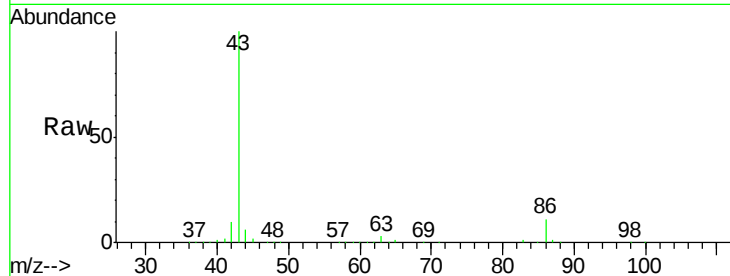
VW0625SBS01

Tot Ion: 43 Resp: 322959

Ion Ratio Lower Upper

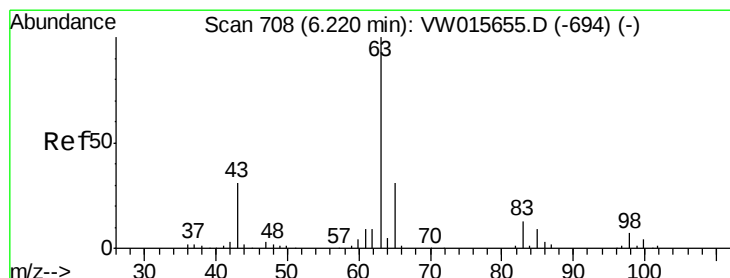
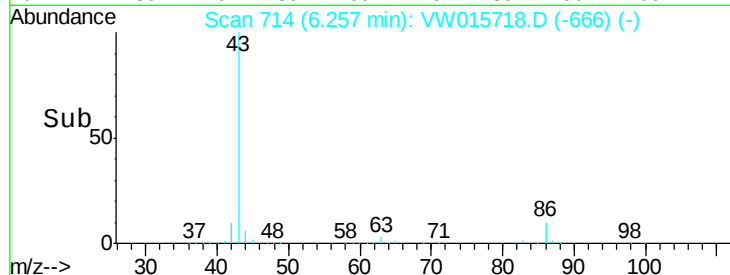
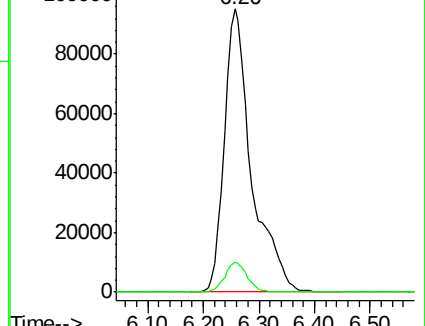
43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

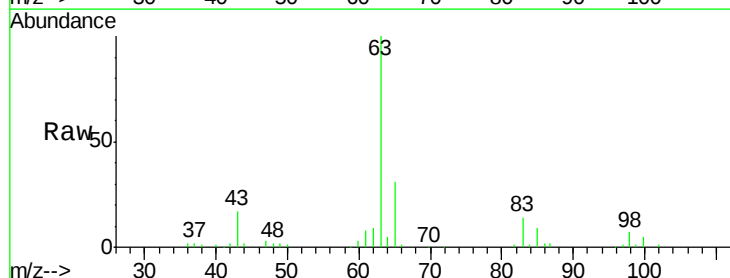
Tgt Ion: 63 Resp: 74478

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

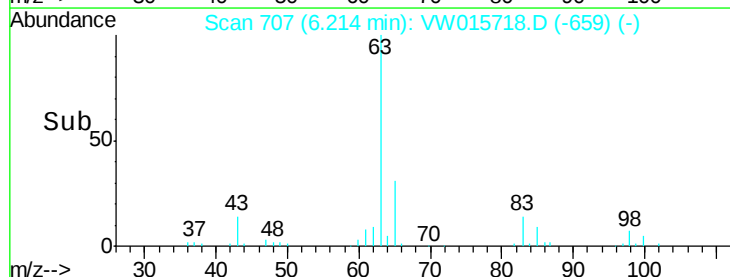
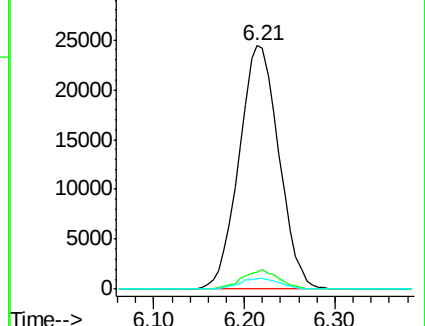
100 4.6 2.1 6.3

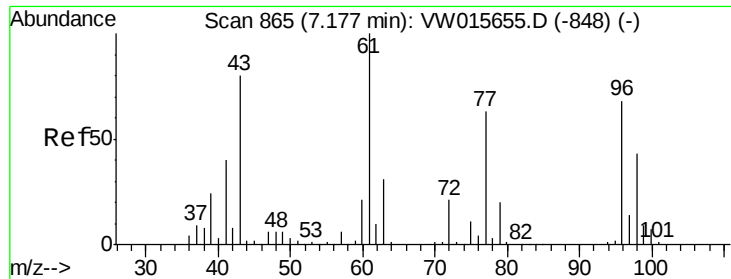


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

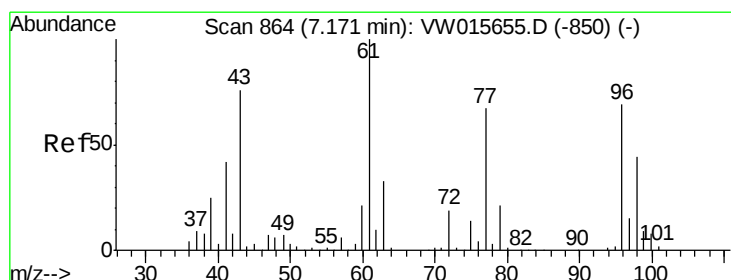
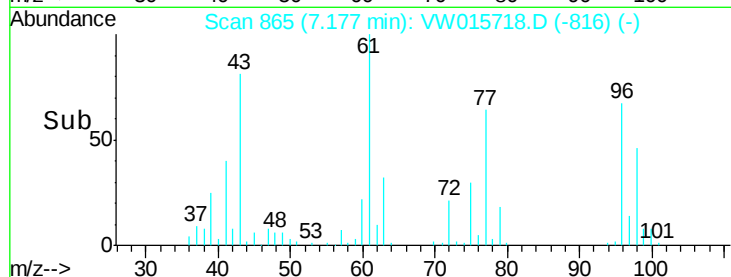
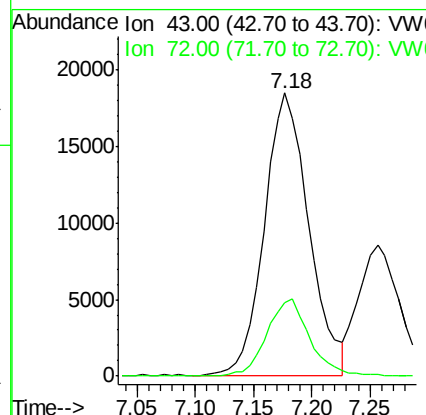
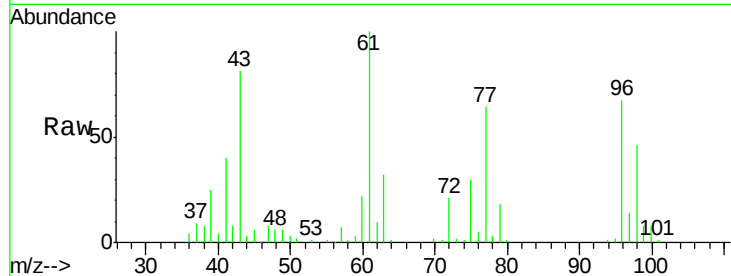




#25
2-Butanone
Concen: 92.349 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

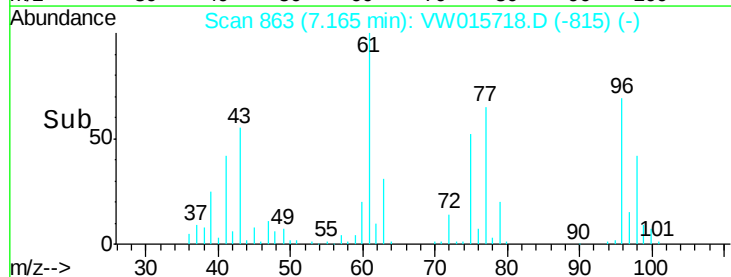
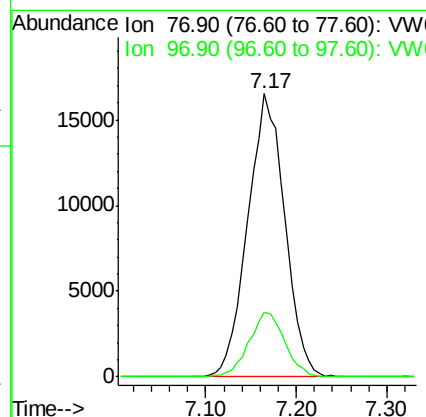
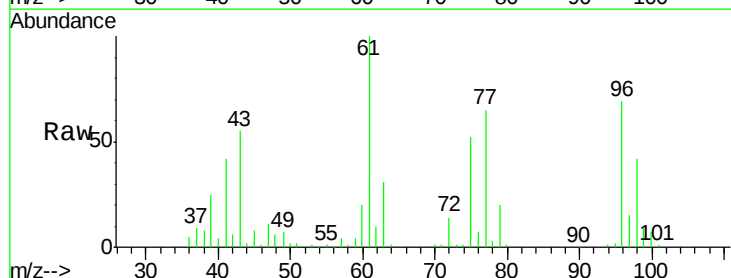
Instrument :
MSVOA_W
ClientSampled :
VW0625SBS01

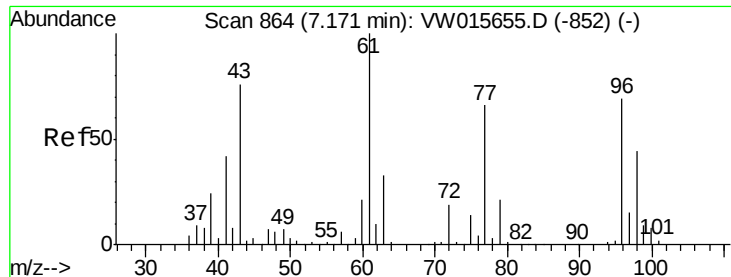
Tot Ion: 43 Resp: 48996
Ion Ratio Lower Upper
43 100
72 26.0 21.1 31.7



#26
2,2-Dichloropropane
Concen: 19.003 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 77 Resp: 46869
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5



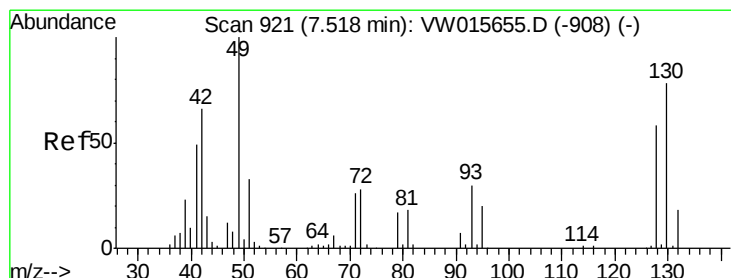
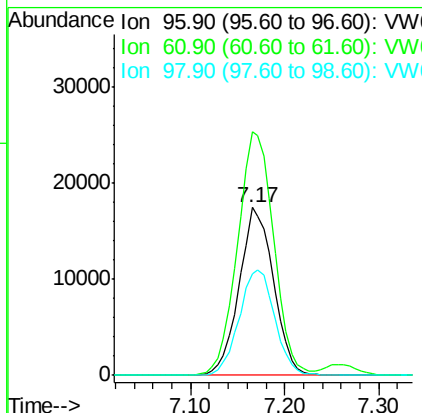
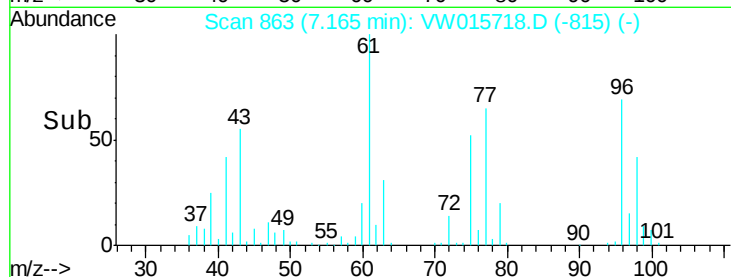
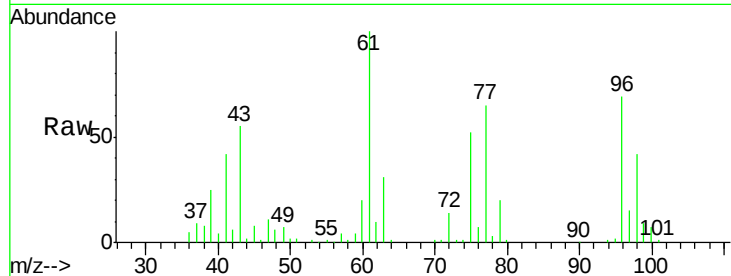


#27

cis-1,2-Dichloroethene
Concen: 19.801 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

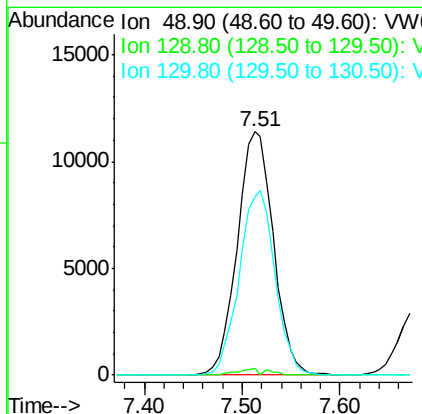
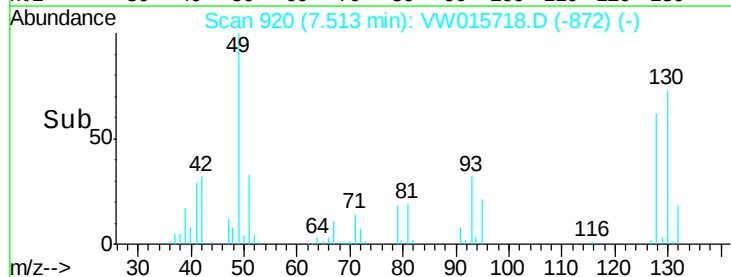
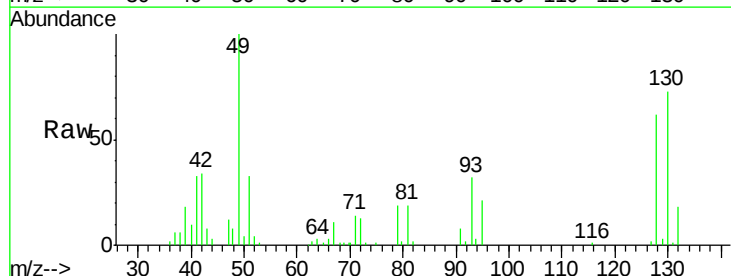
Tot Ion: 96 Resp: 44212
Ion Ratio Lower Upper
96 100
61 152.3 0.0 296.8
98 65.0 0.0 128.0



#28

Bromochloromethane
Concen: 20.651 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 49 Resp: 29210
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.2
130 0.0 61.0 91.4#

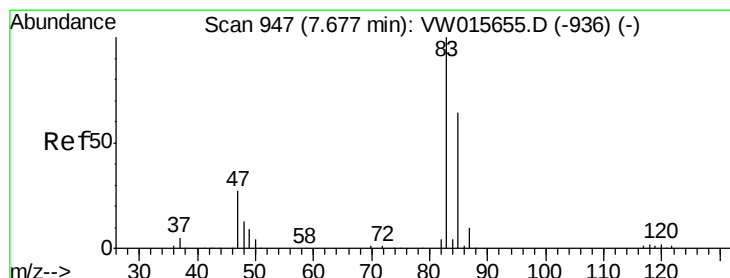
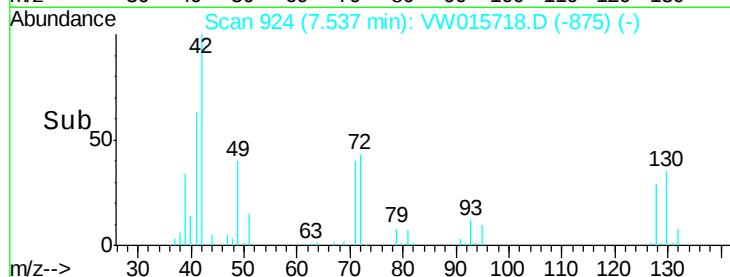
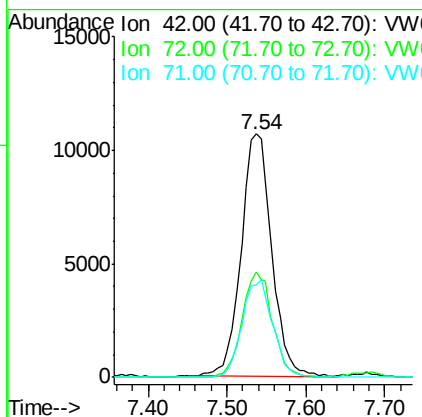
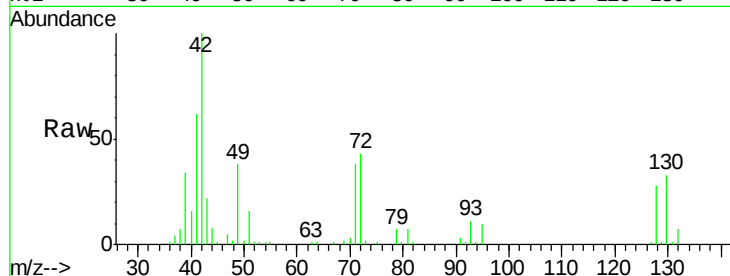




#29
Tetrahydrofuran
Concen: 92.855 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

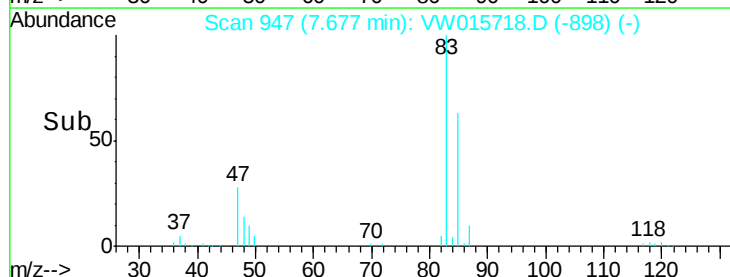
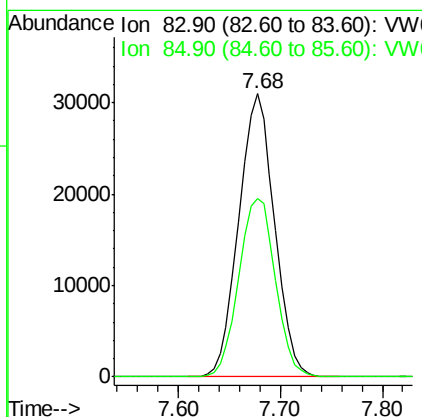
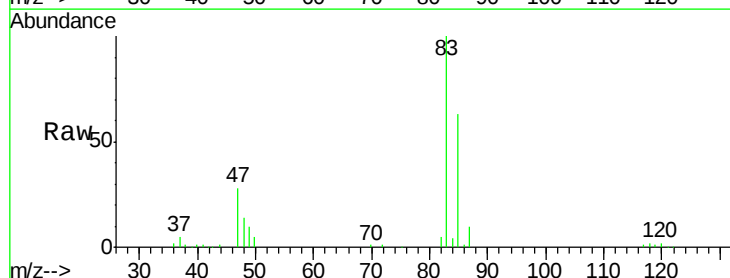
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

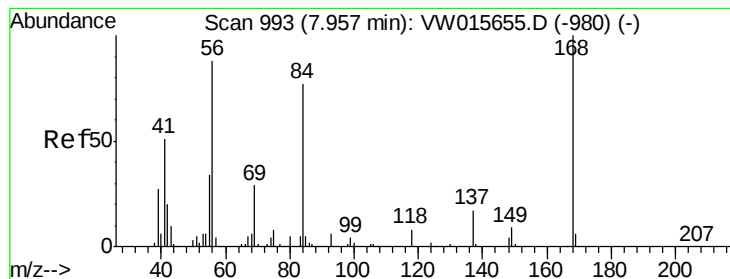
Tot Ion: 42 Resp: 28950
Ion Ratio Lower Upper
42 100
72 42.8 35.0 52.6
71 40.1 32.6 49.0



#30
Chloroform
Concen: 19.969 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 83 Resp: 75308
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.4





#31

Cyclohexane

Concen: 19.470 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

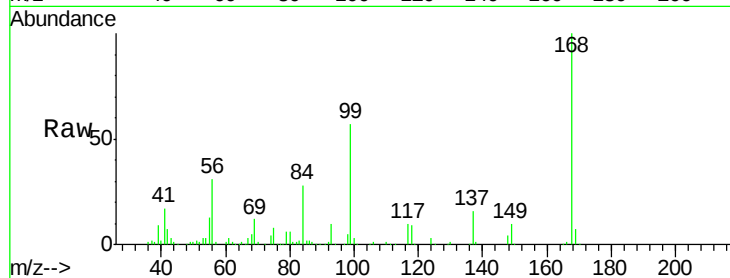
Tot Ion: 56 Resp: 69257

Ion Ratio Lower Upper

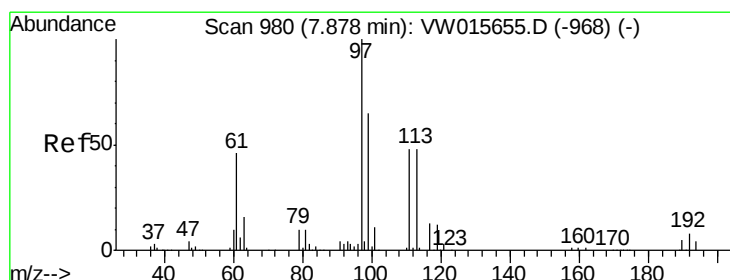
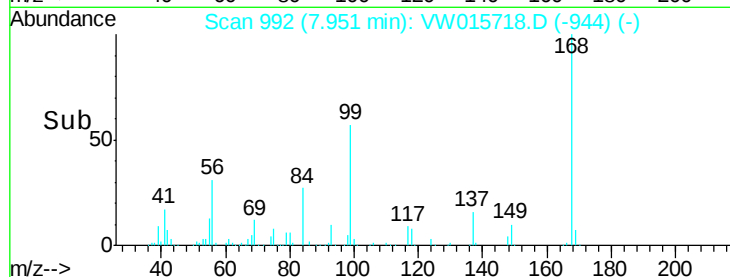
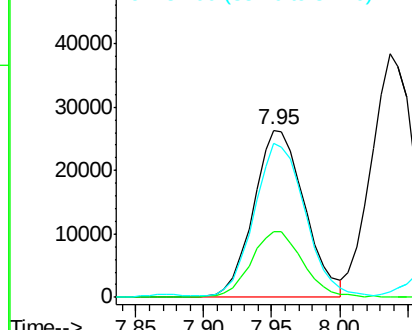
56 100

69 39.6 26.2 39.4#

84 90.6 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: 20.075 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

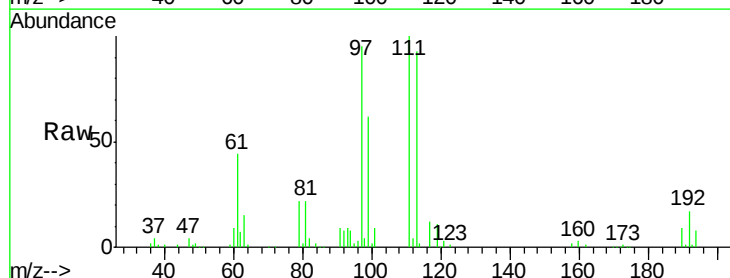
Tgt Ion: 97 Resp: 64534

Ion Ratio Lower Upper

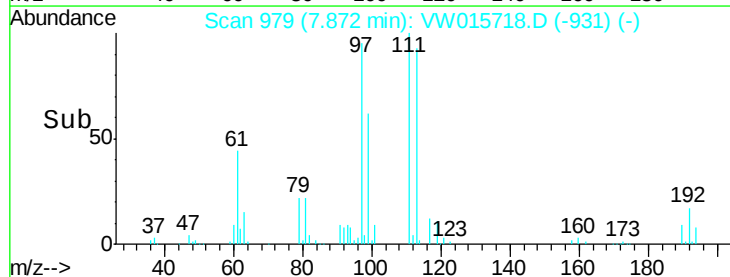
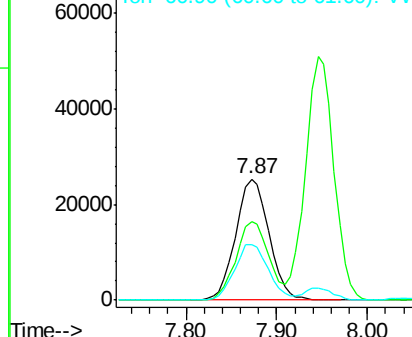
97 100

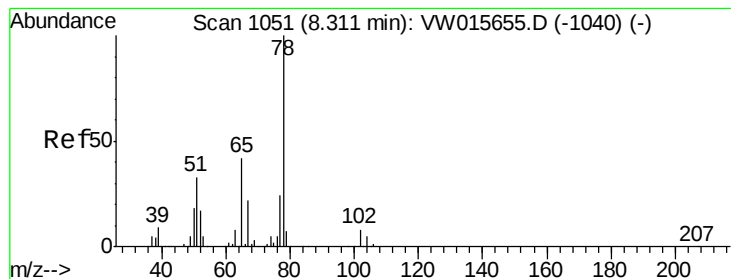
99 64.3 51.9 77.9

61 46.2 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: 48.830 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

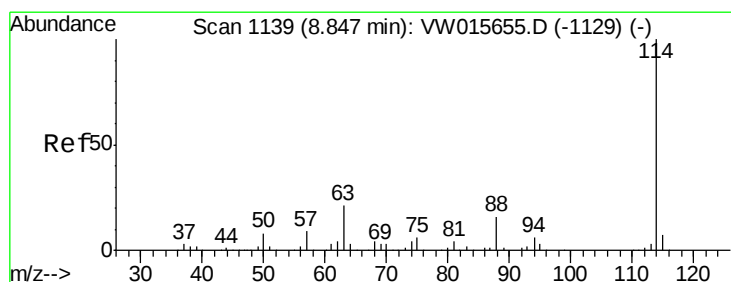
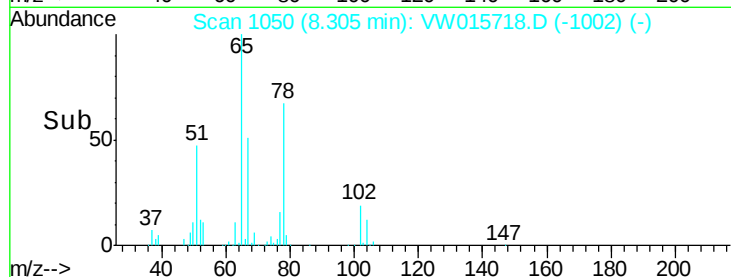
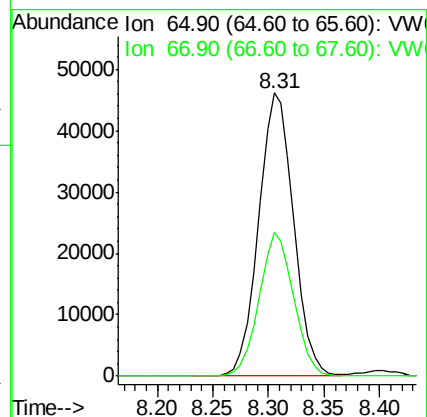
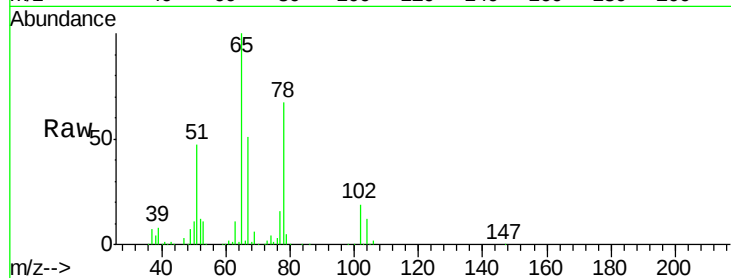
VW0625SBS01

Tot Ion: 65 Resp: 100832

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

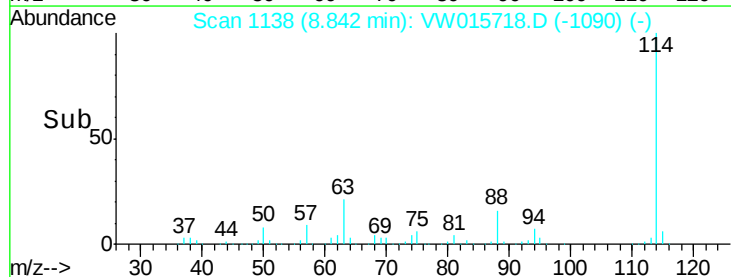
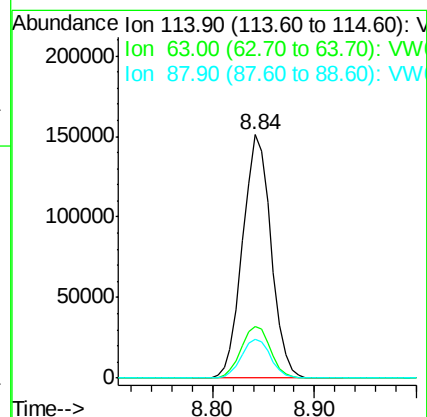
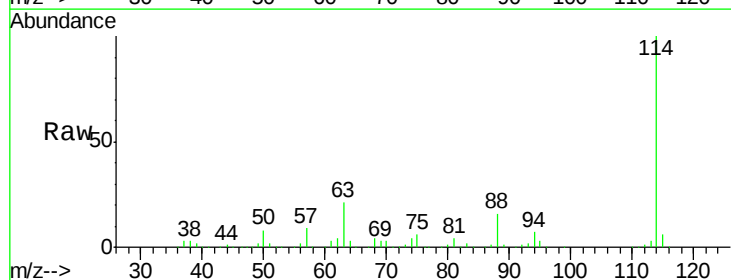
Tgt Ion: 114 Resp: 291450

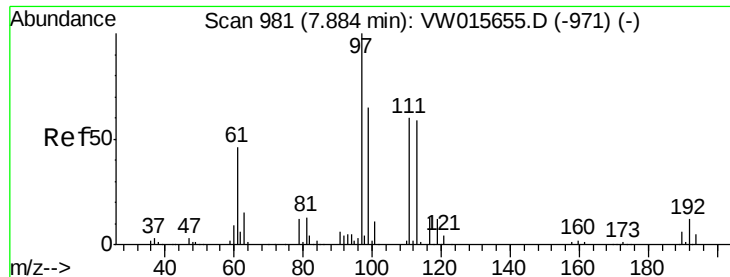
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.118 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

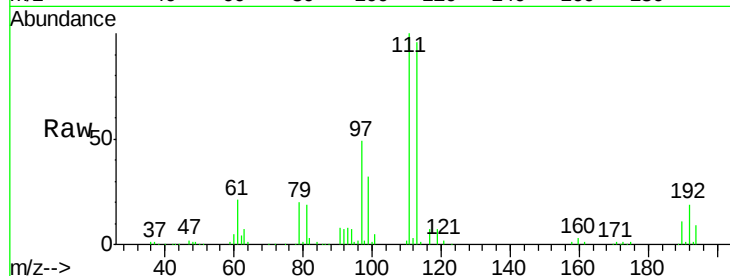
Tot Ion:113 Resp: 90048

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

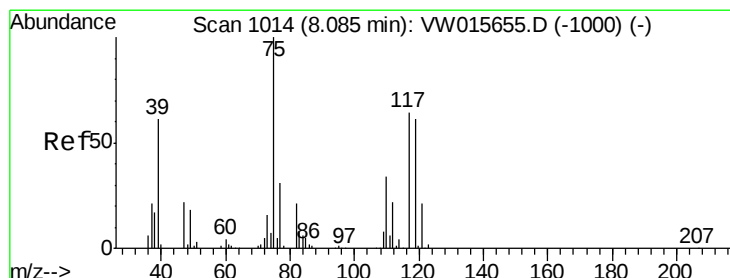
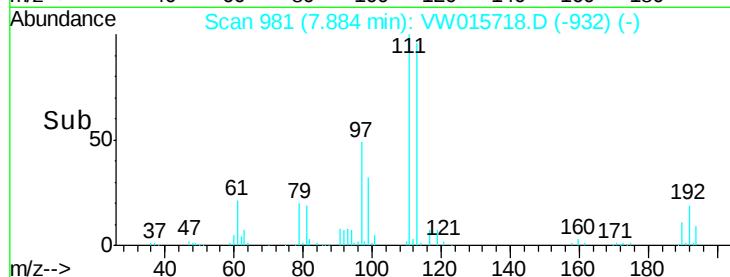
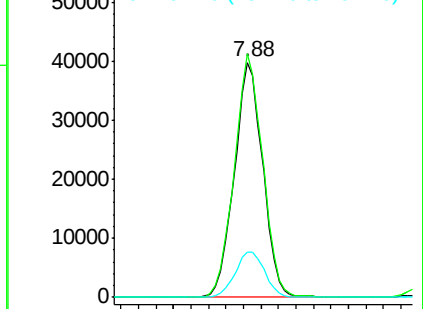
192 20.2 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.586 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

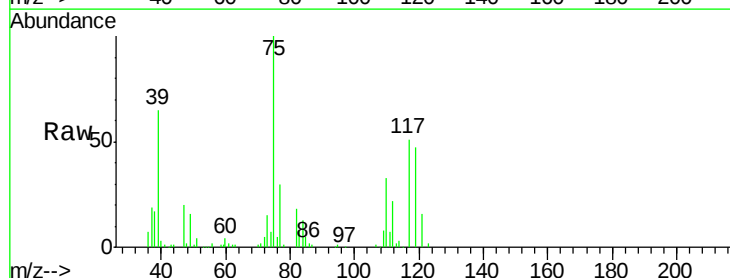
Tgt Ion: 75 Resp: 62404

Ion Ratio Lower Upper

75 100

110 33.6 17.0 51.0

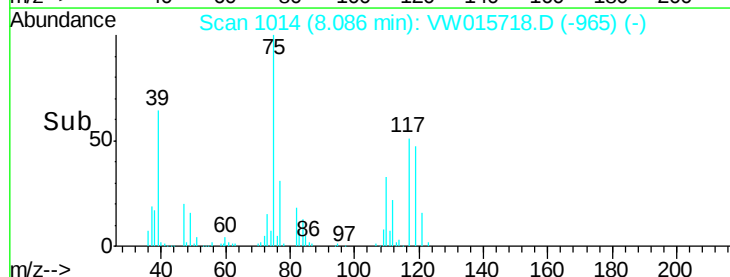
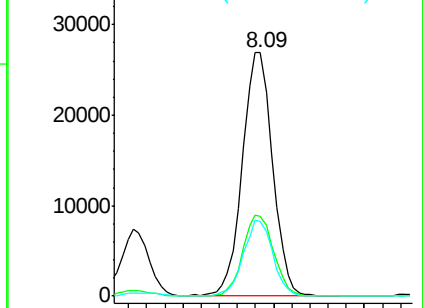
77 30.2 24.6 36.8

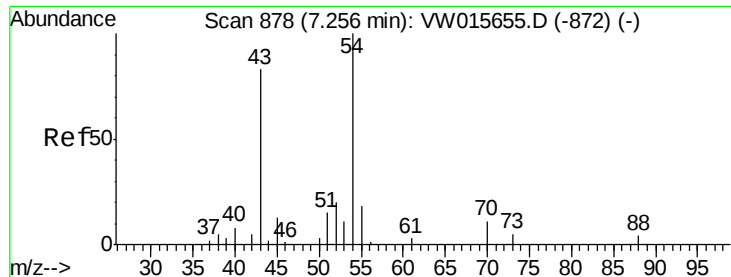


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

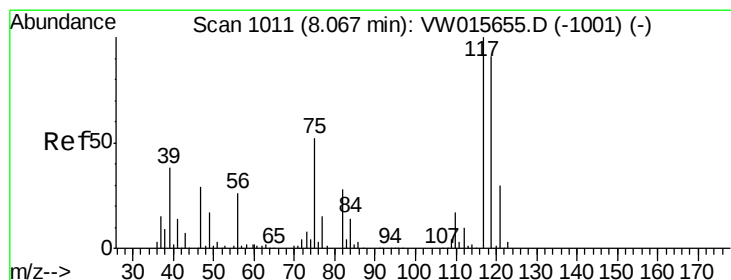
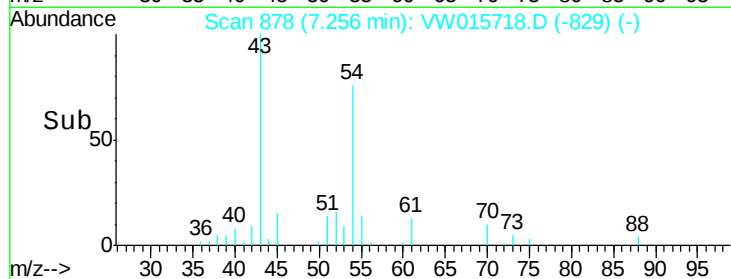
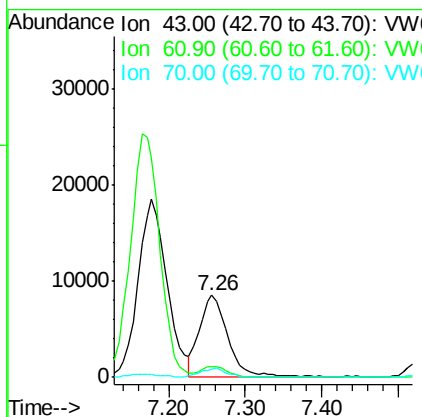
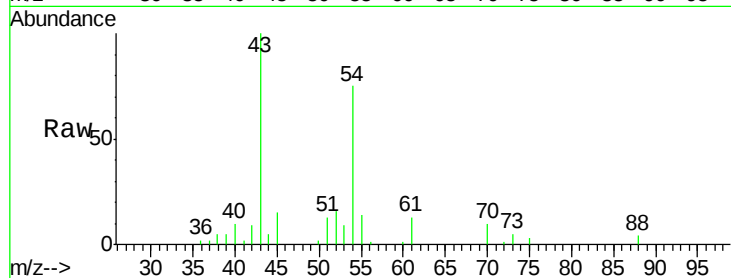




#37
Ethyl Acetate
Concen: 18.764 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

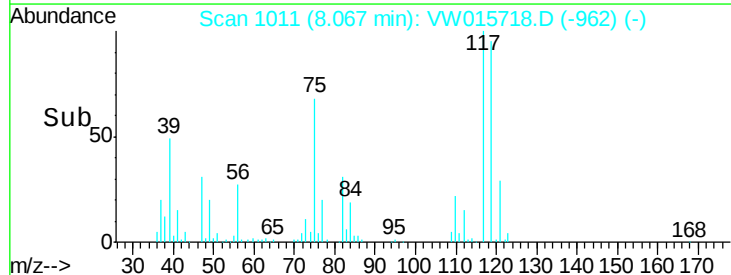
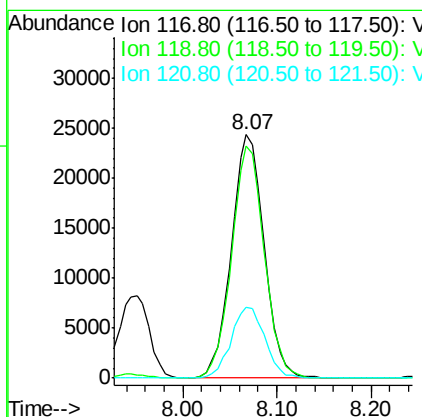
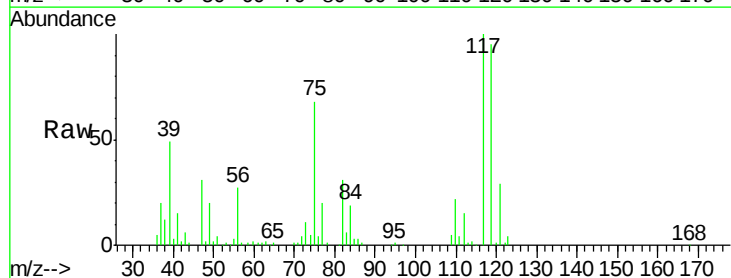
Instrument :
MSVOA_W
ClientSampled :
VW0625SBS01

Tot Ion: 43 Resp: 21718
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 10.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.064 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 117 Resp: 58958
Ion Ratio Lower Upper
117 100
119 95.1 73.2 109.8
121 28.9 23.9 35.9

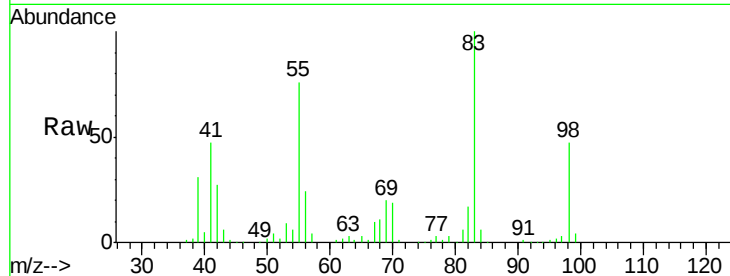




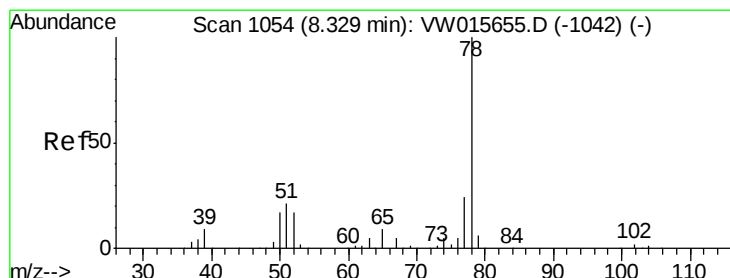
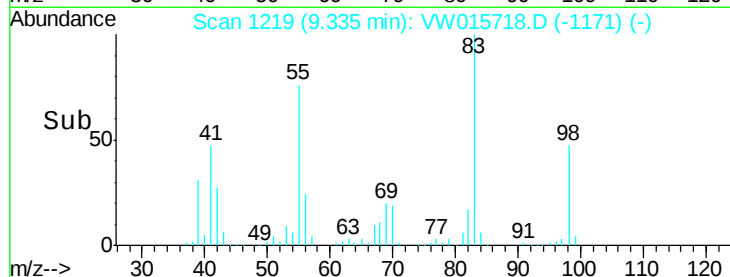
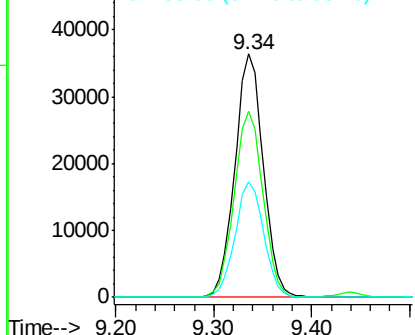
#39
Methvlcvclohexane
Concen: 20.036 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	83	Resp	73567
Ion Ratio	Lower	Upper	
83	100		
55	76.3	62.8	94.2
98	47.4	39.9	59.9

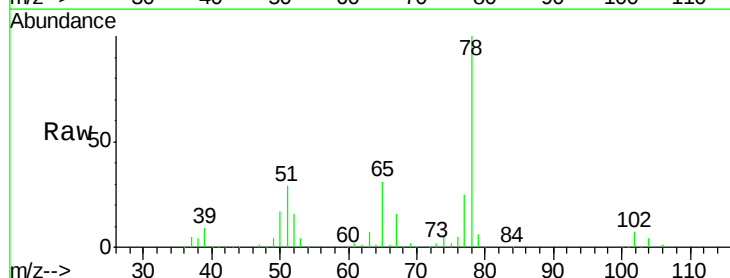


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

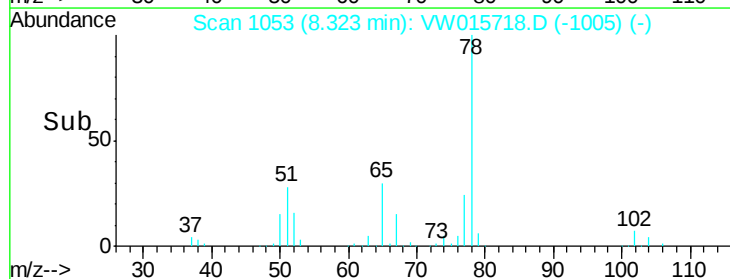
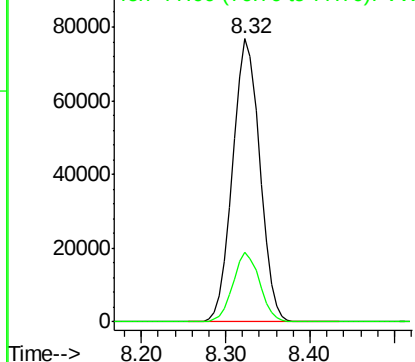


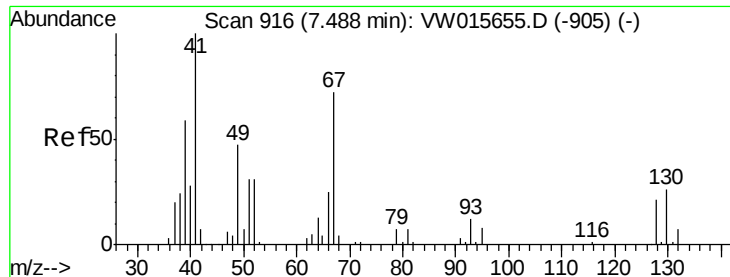
#40
Benzene
Concen: 20.292 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	78	Resp	167260
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.3	28.9



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

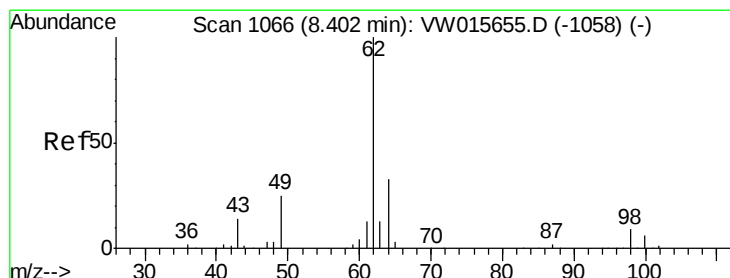
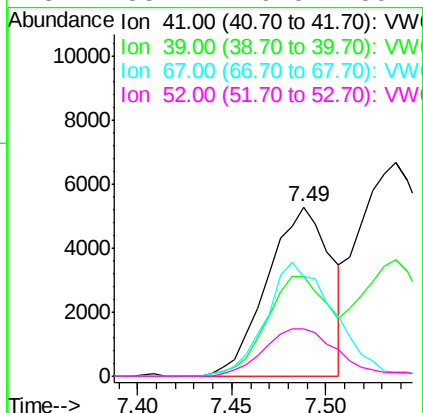
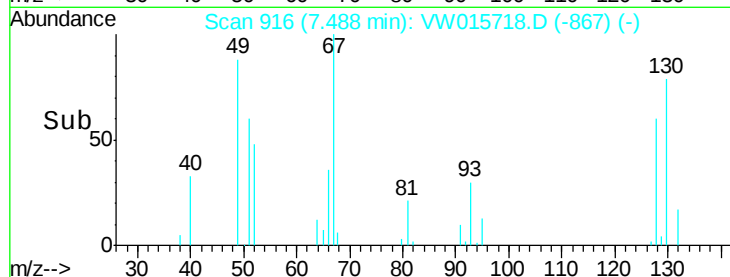
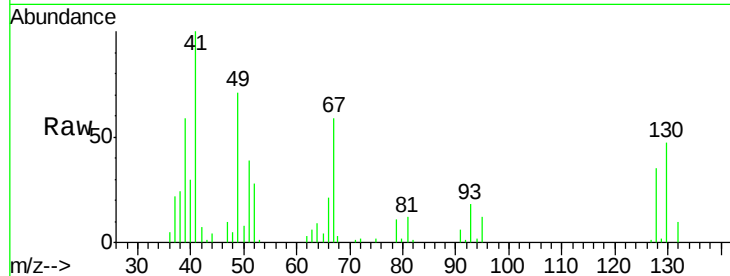




#41
Methacrylonitrile
Concen: 18.656 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

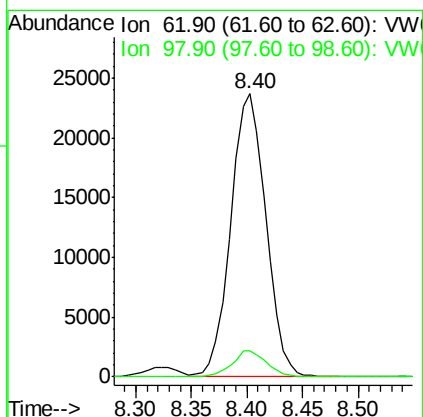
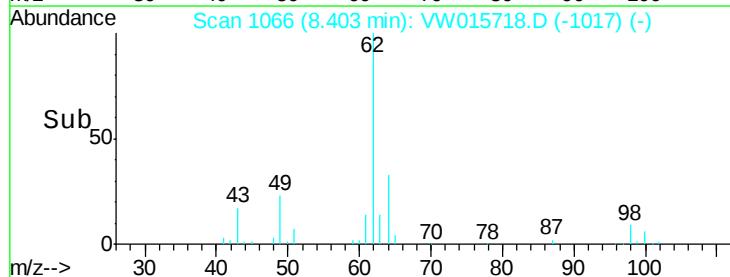
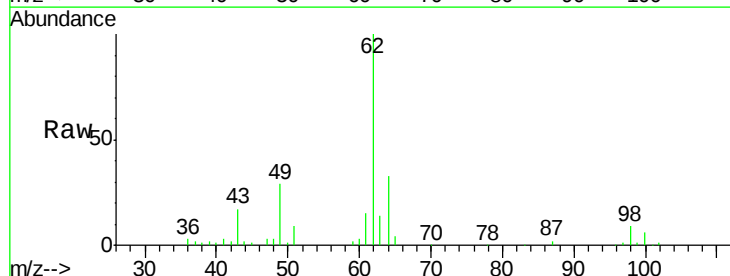
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

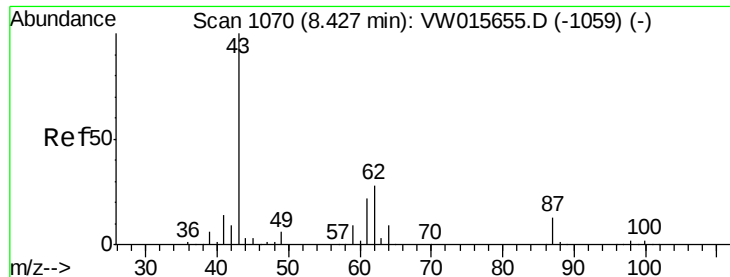
Tot Ion:	41	Resp:	12393
Ion	Ratio	Lower	Upper
41	100		
39	58.2	52.0	78.0
67	72.3	57.5	86.3
52	33.1	26.5	39.7



#42
1,2-Dichloroethane
Concen: 20.304 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:	62	Resp:	51775
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4





#43

Isopropyl Acetate

Concen: 18.552 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

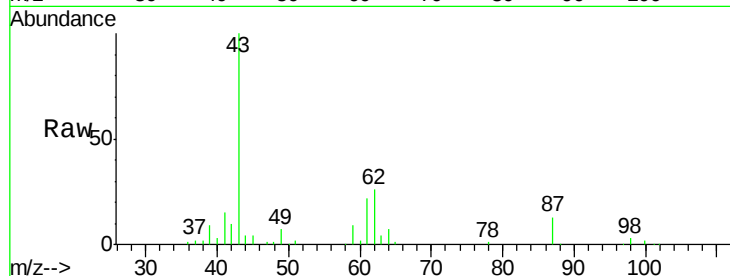
Tot Ion: 43 Resp: 42851

Ion Ratio Lower Upper

43 100

61 32.3 24.7 37.1

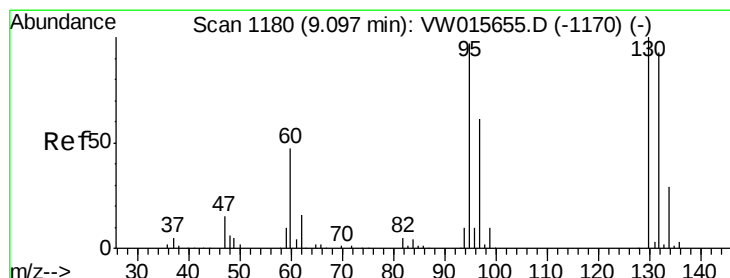
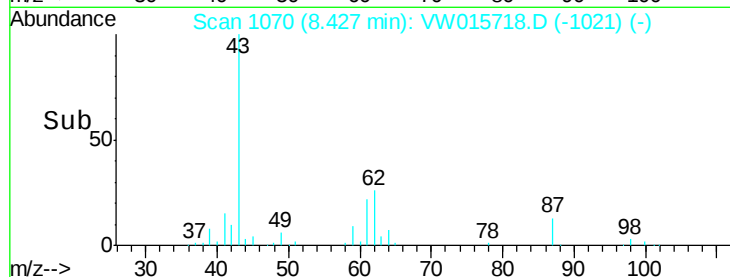
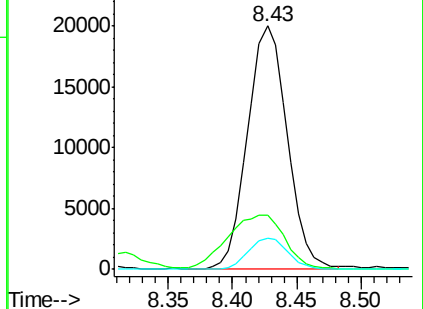
87 12.9 10.2 15.2



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: 19.852 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015718.D

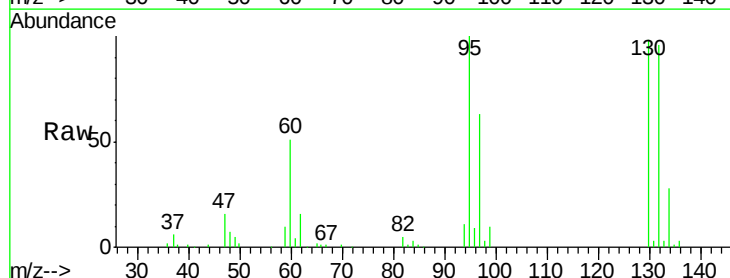
Acq: 25 Jun 2020 10:39

Tgt Ion:130 Resp: 44105

Ion Ratio Lower Upper

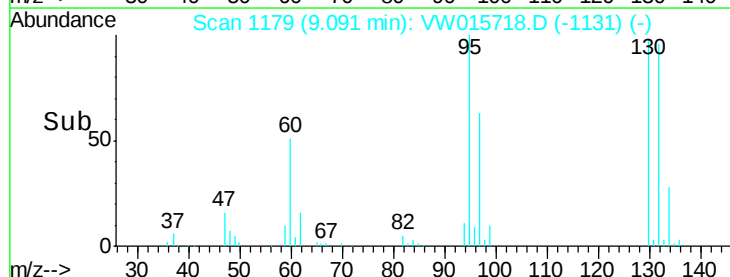
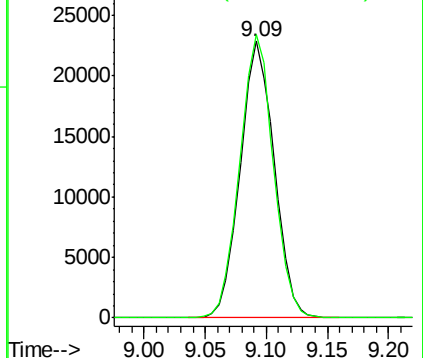
130 100

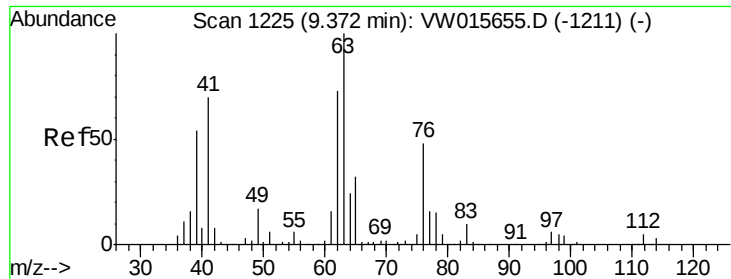
95 102.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

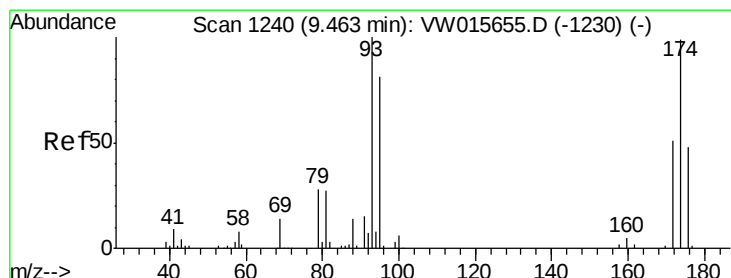
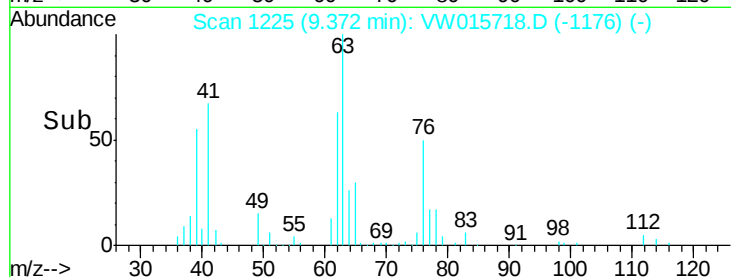
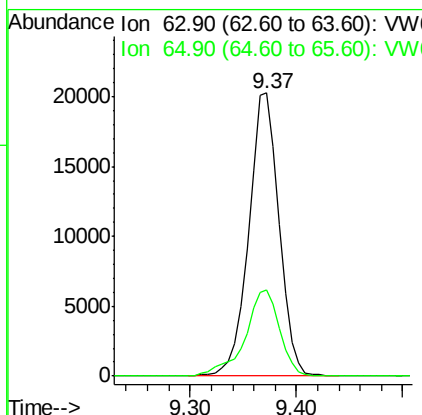
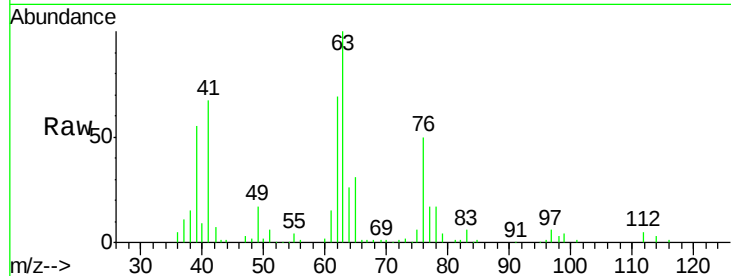




#45
 1,2-Dichloropropane
 Concen: 20.096 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

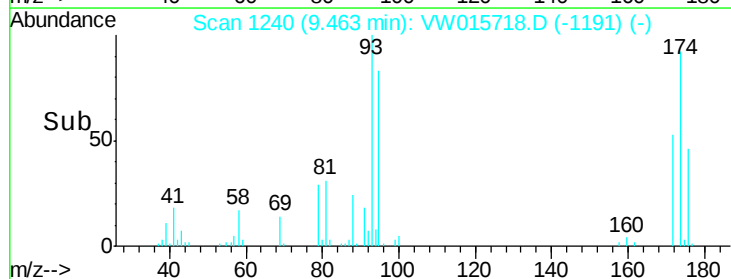
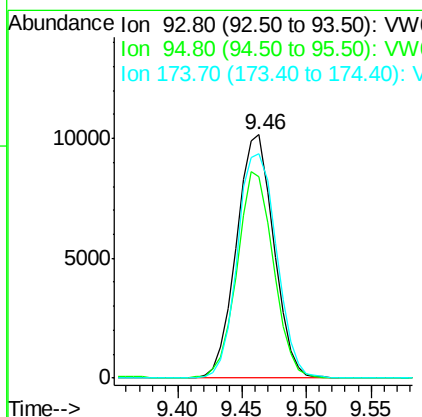
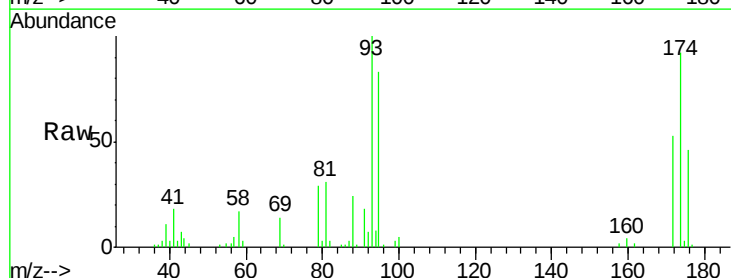
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

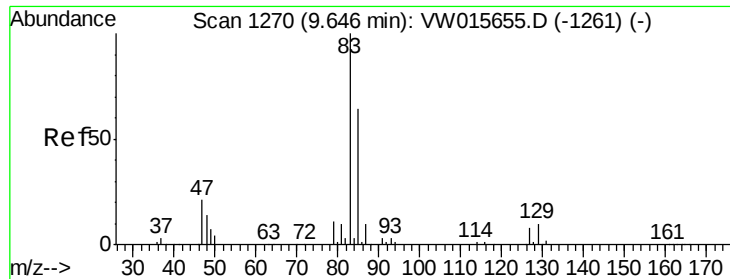
Tot Ion: 63 Resp: 40488
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.3 37.9



#46
 Dibromomethane
 Concen: 19.603 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 93 Resp: 20434
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.7 98.5
 174 96.5 79.0 118.6

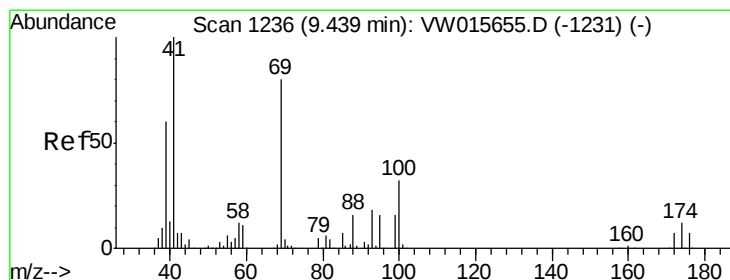
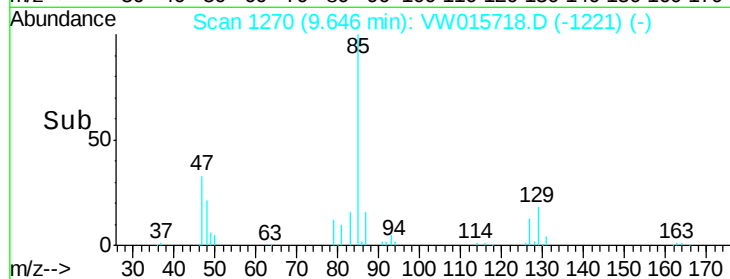
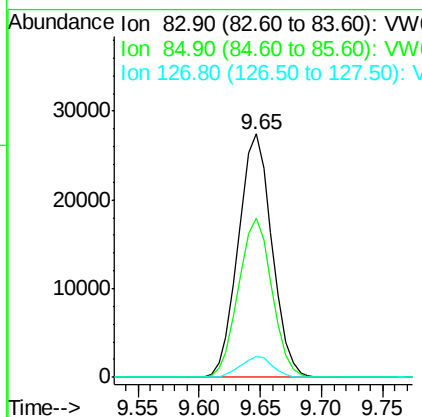
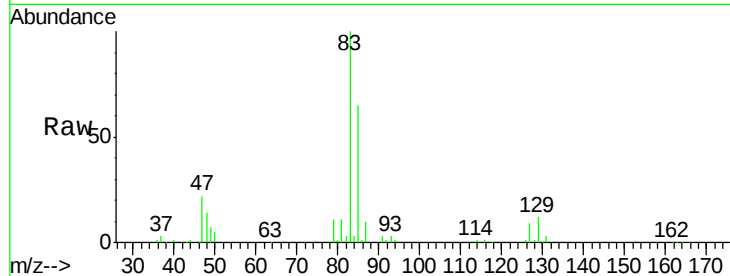




#47
Bromodichloromethane
Concen: 19.278 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

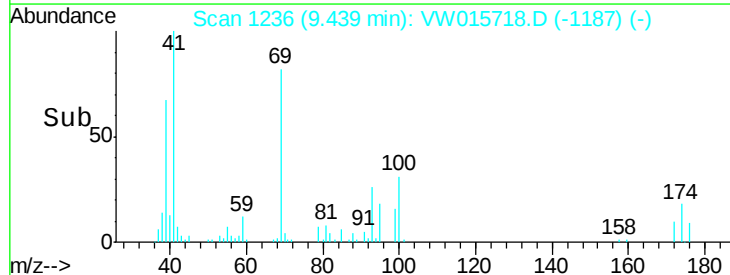
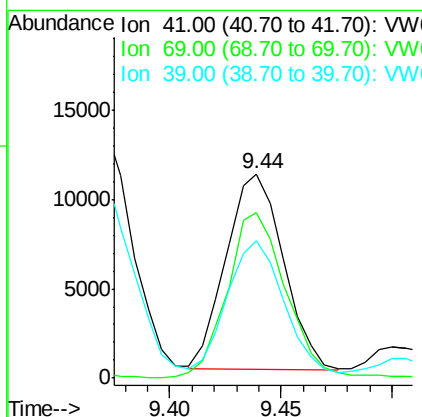
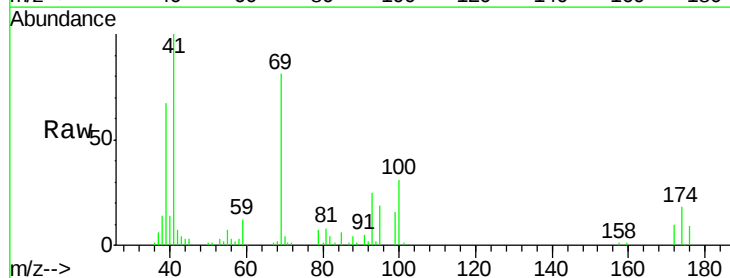
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

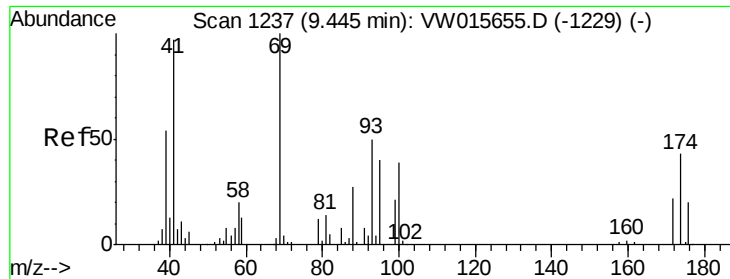
Tot Ion: 83 Resp: 52417
Ion Ratio Lower Upper
83 100
85 65.1 50.8 76.2
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 18.634 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 41 Resp: 19678
Ion Ratio Lower Upper
41 100
69 87.5 68.2 102.2
39 70.6 49.8 74.6





#49

1,4-Dioxane

Concen: 406.956 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

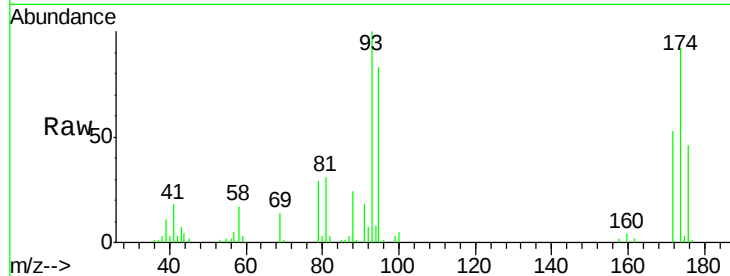
Tot Ion: 88 Resp: 5565

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

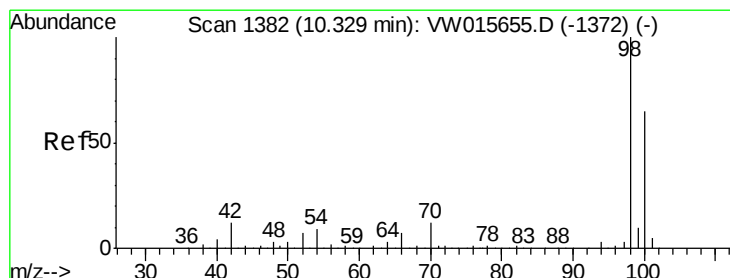
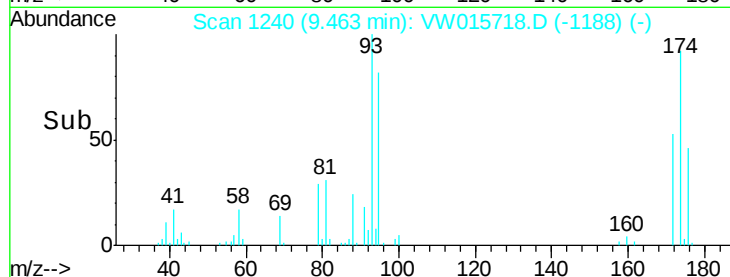
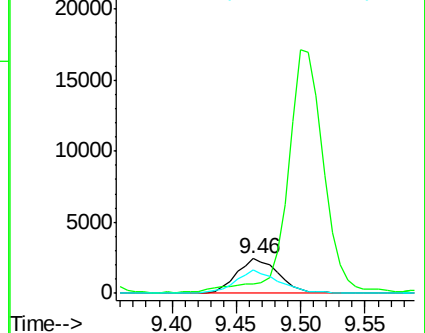
58 70.2 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.560 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015718.D

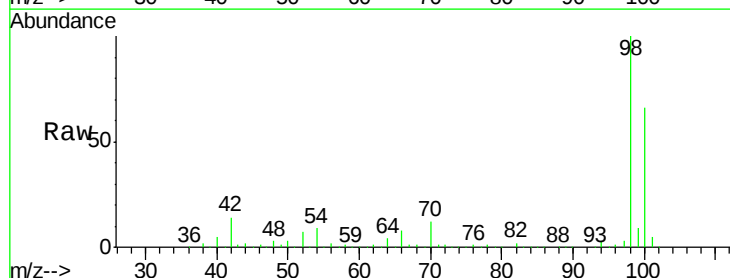
Acq: 25 Jun 2020 10:39

Tgt Ion: 98 Resp: 357562

Ion Ratio Lower Upper

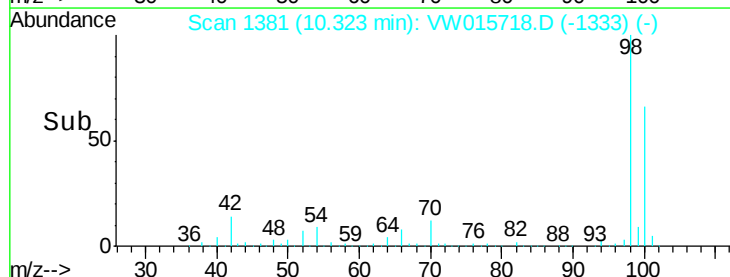
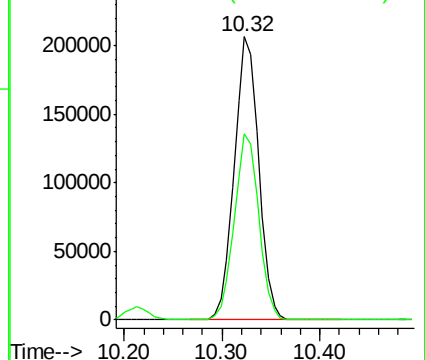
98 100

100 65.8 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: 93.608 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

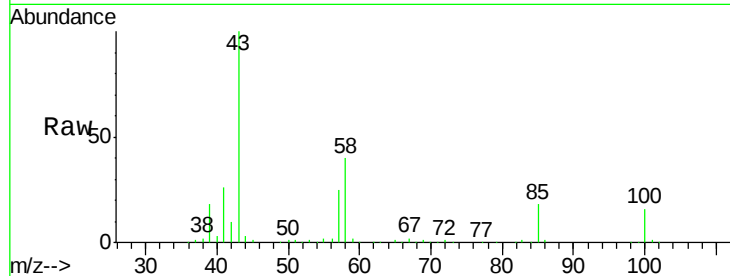
VW0625SBS01

Tot Ion: 43 Resp: 104269

Ion Ratio Lower Upper

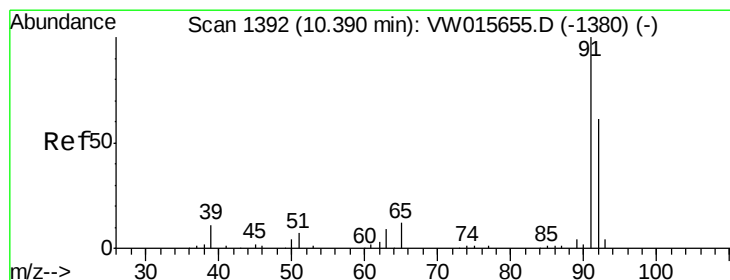
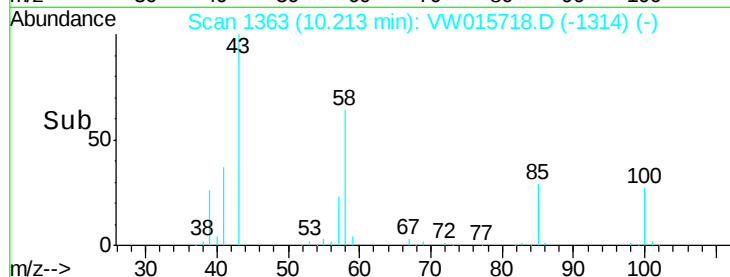
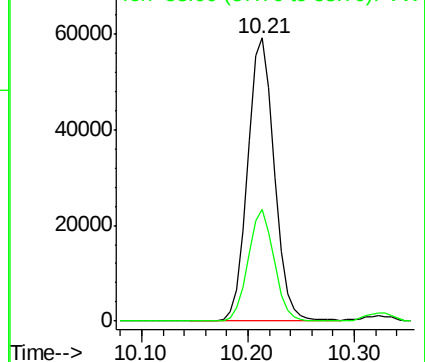
43 100

58 38.5 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.595 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015718.D

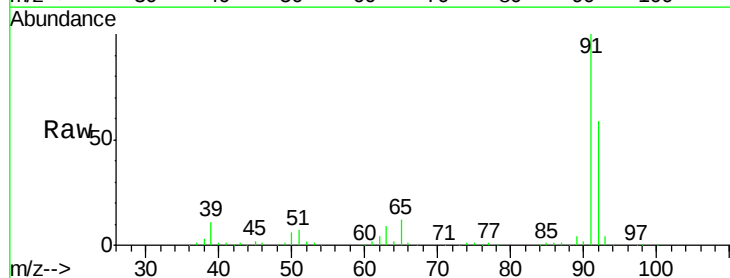
Acq: 25 Jun 2020 10:39

Tgt Ion: 92 Resp: 109613

Ion Ratio Lower Upper

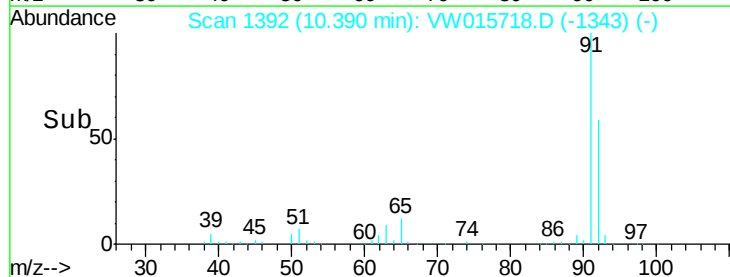
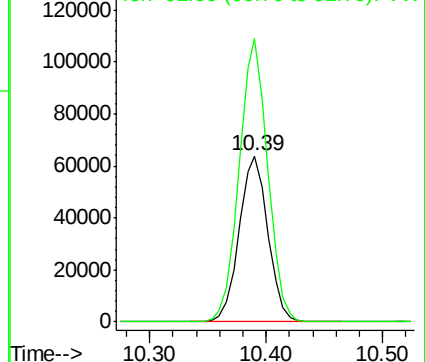
92 100

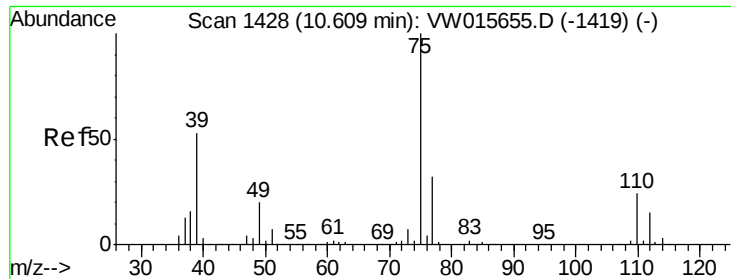
91 169.7 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

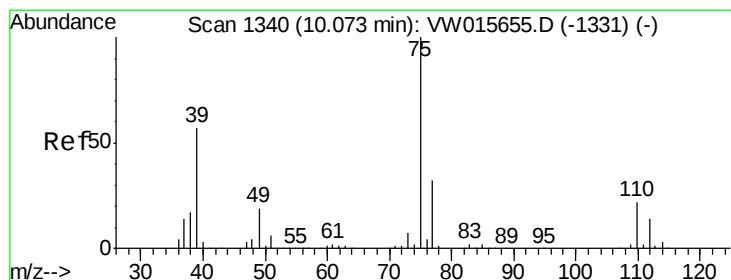
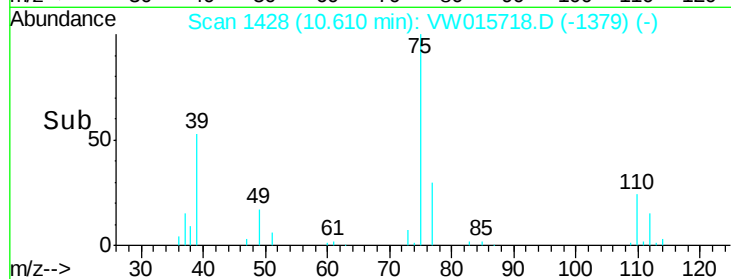
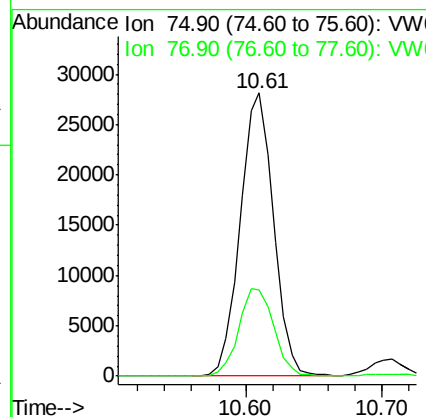
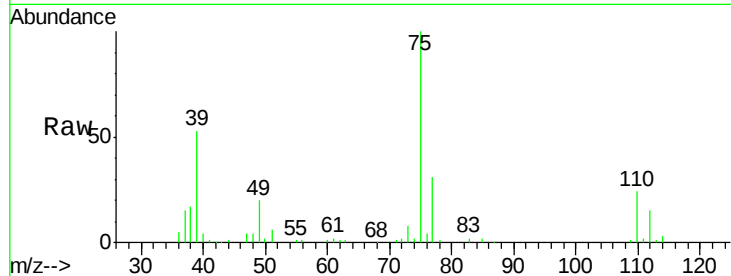




#53
 t-1,3-Dichloropropene
 Concen: 18.315 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

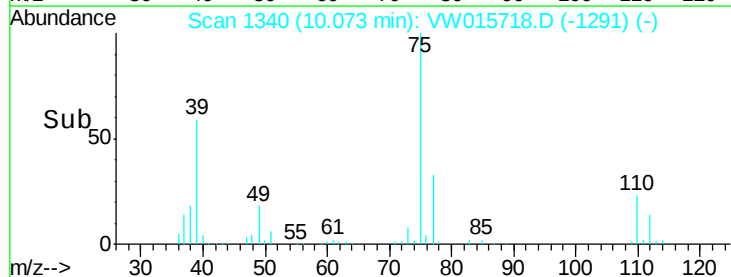
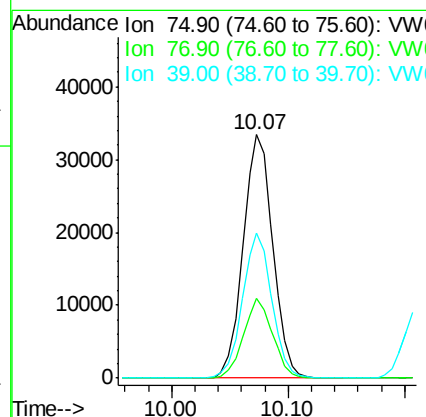
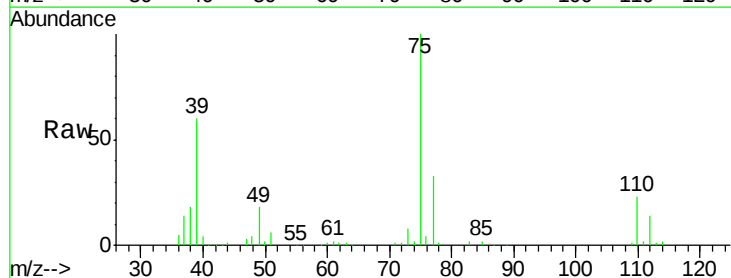
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

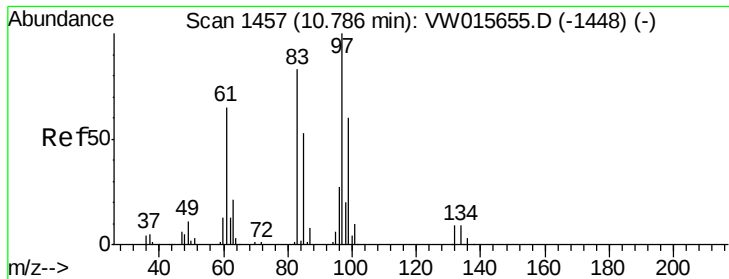
Tot Ion: 75 Resp: 48110
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.950 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 75 Resp: 59467
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2
 39 59.6 45.8 68.6

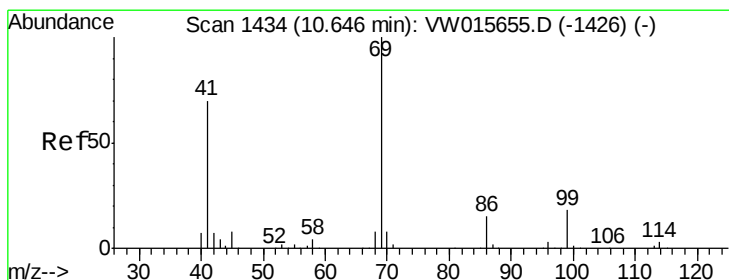
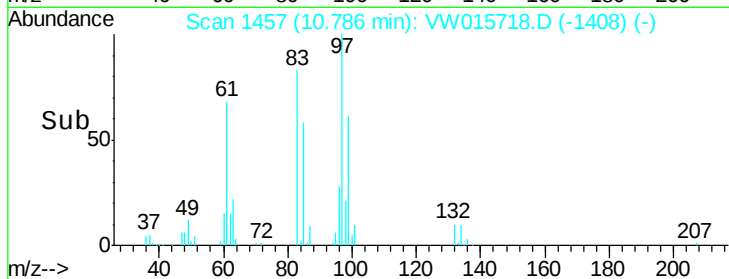
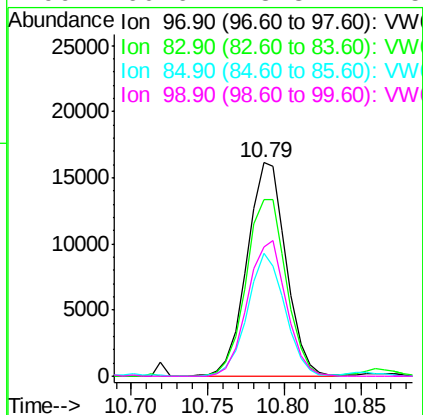
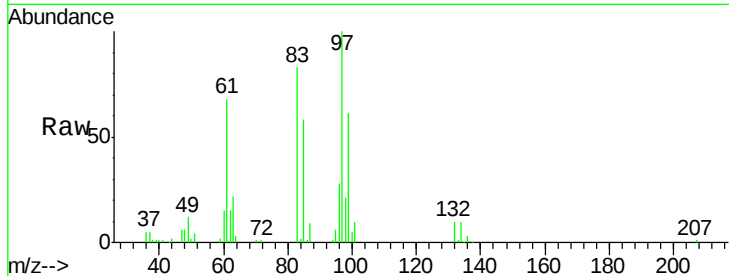




#55
 1,1,2-Trichloroethane
 Concen: 19.794 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

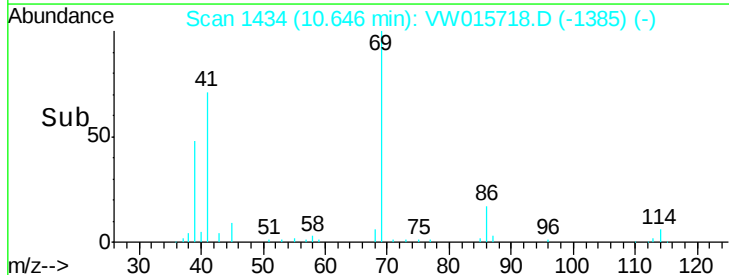
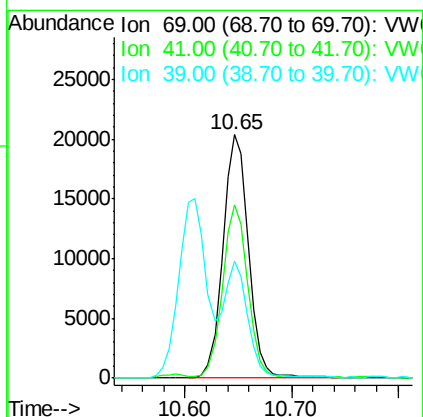
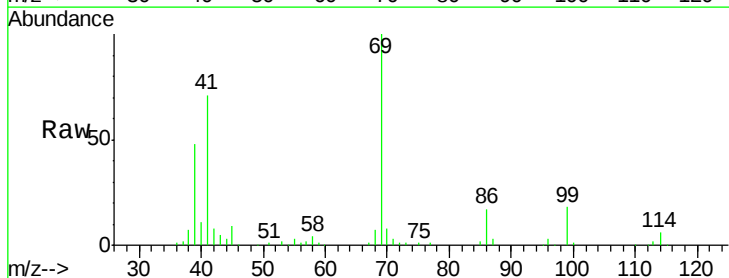
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

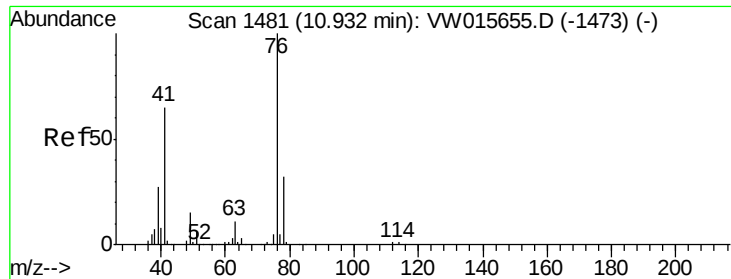
Tot Ion:	97	Resp:	28688
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.3	99.5
85	57.6	42.5	63.7
99	60.6	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 18.928 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion:	69	Resp:	34134
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.8	83.6
39	44.8	29.5	44.3#

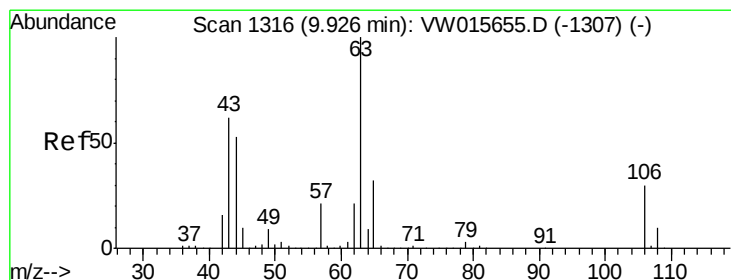
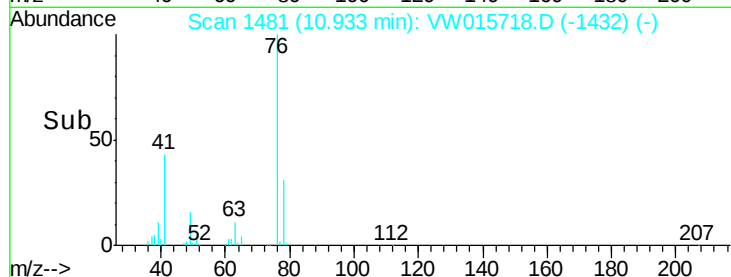
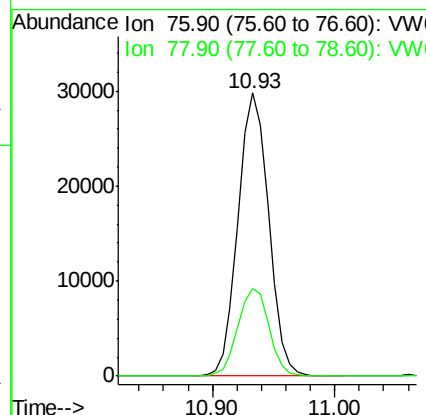
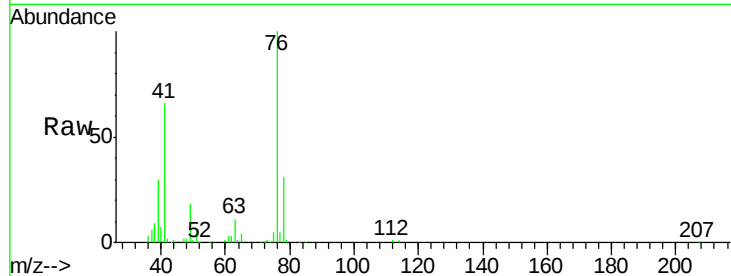




#57
 1,3-Dichloropropane
 Concen: 20.061 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

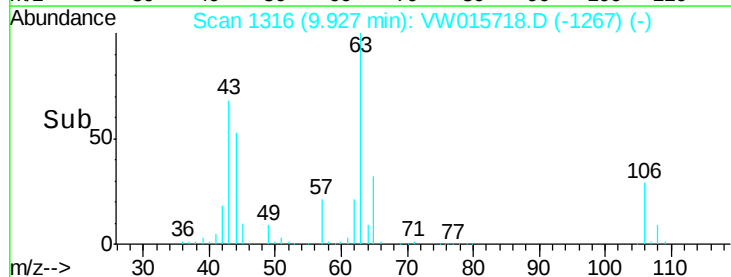
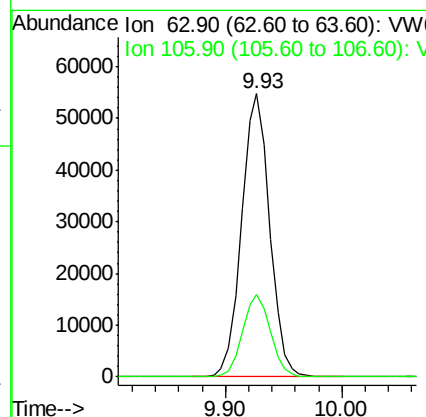
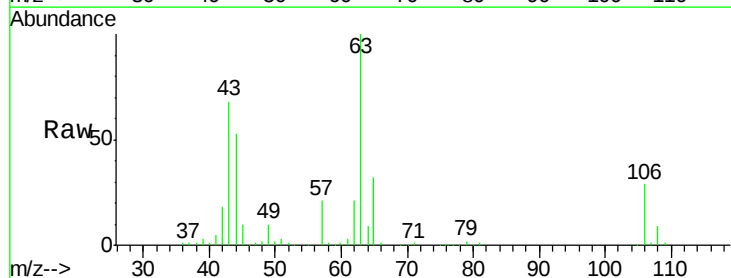
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

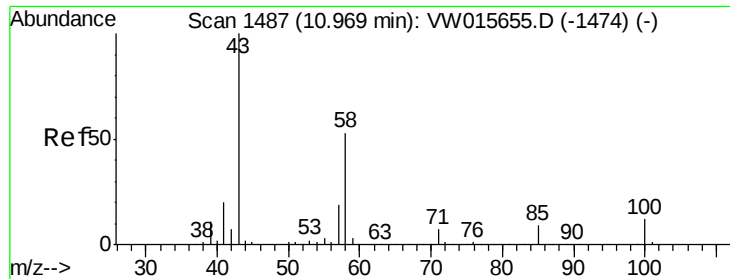
Tot Ion: 76 Resp: 51545
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.813 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 63 Resp: 92006
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.3 34.9





#59

2-Hexanone

Concen: 94.173 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

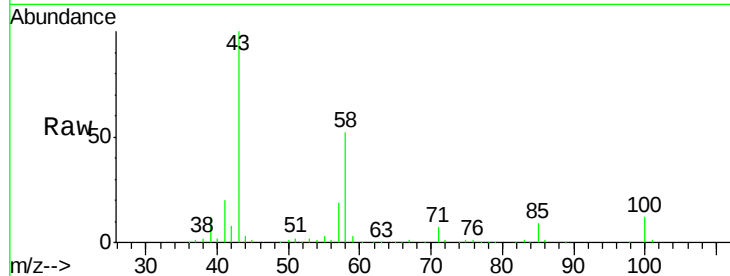
VW0625SBS01

Tot Ion: 43 Resp: 71414

Ion Ratio Lower Upper

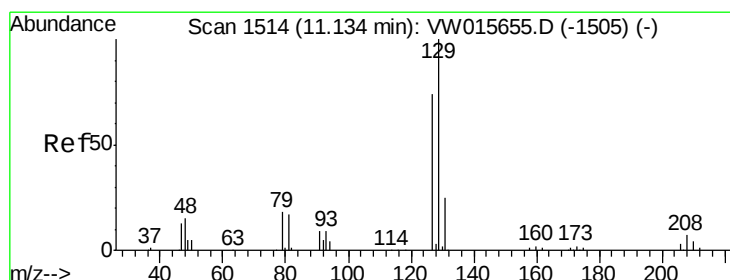
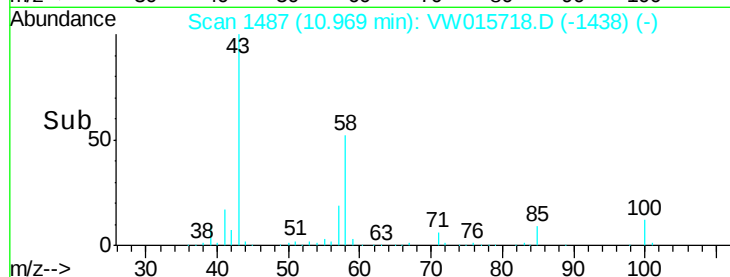
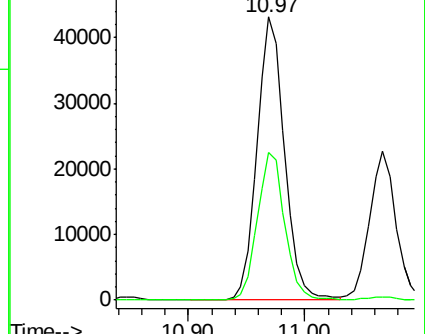
43 100

58 51.9 26.5 79.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 19.023 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW015718.D

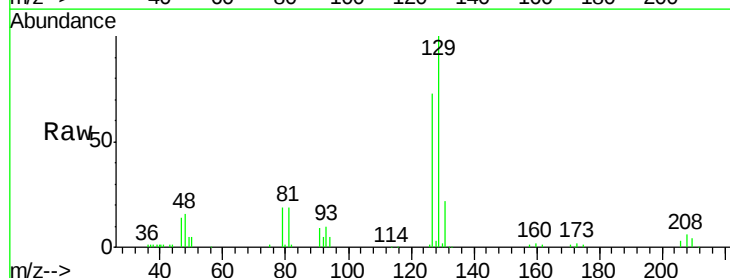
Acq: 25 Jun 2020 10:39

Tgt Ion: 129 Resp: 32129

Ion Ratio Lower Upper

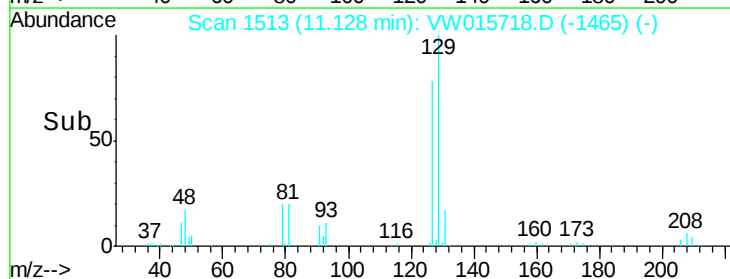
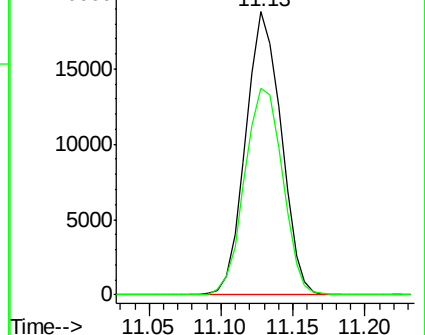
129 100

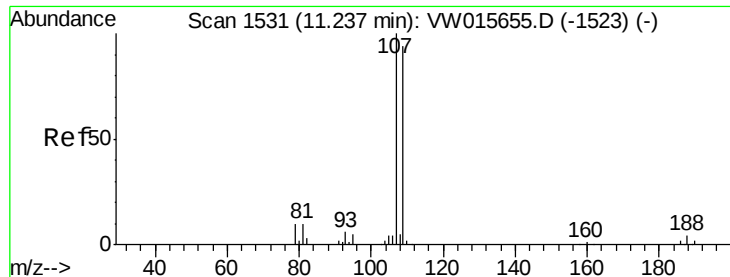
127 78.2 38.0 114.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

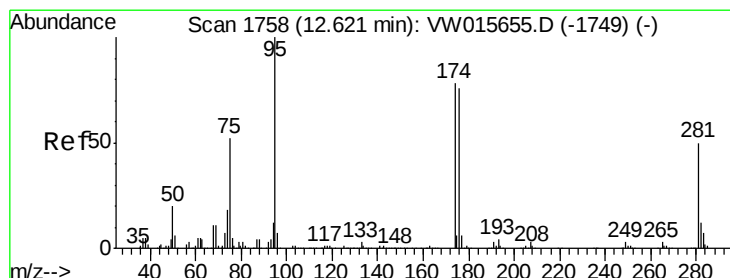
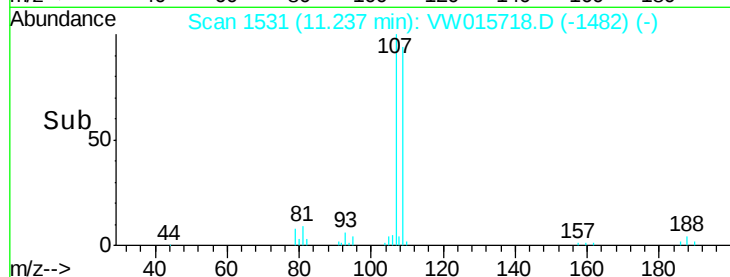
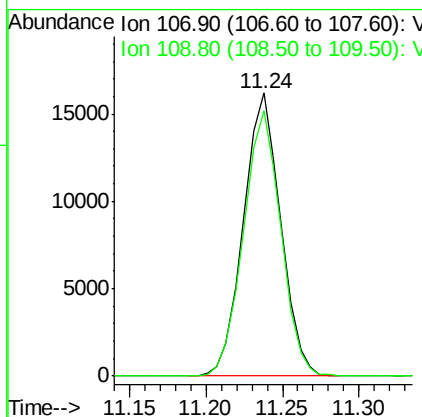
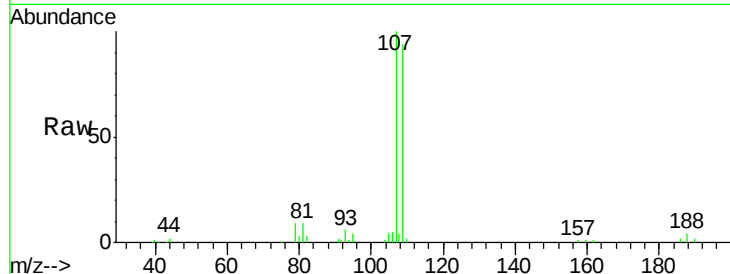




#61
 1,2-Dibromoethane
 Concen: 19.721 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

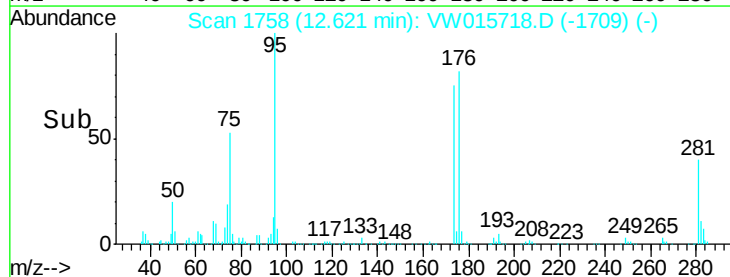
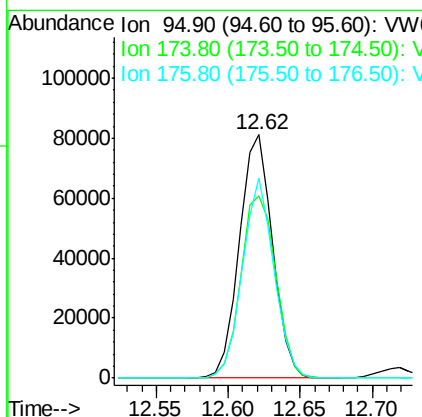
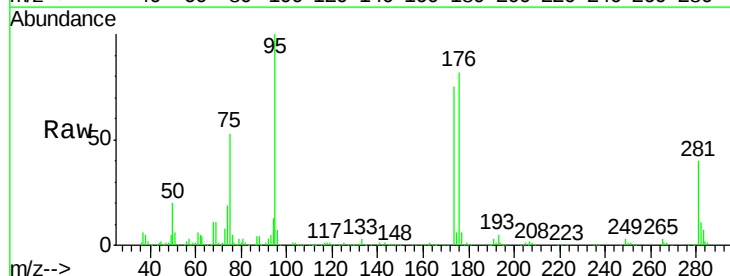
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

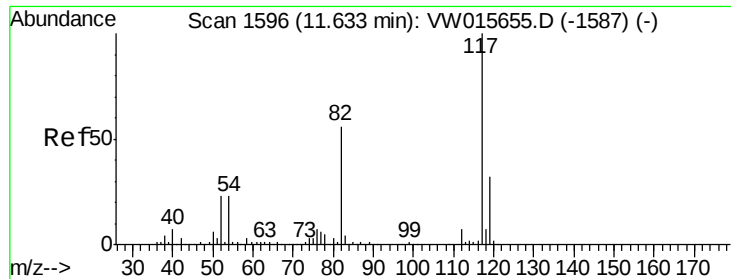
Tot Ion:107 Resp: 27321
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 48.720 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 95 Resp: 129450
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 157.0
 176 77.9 0.0 151.4

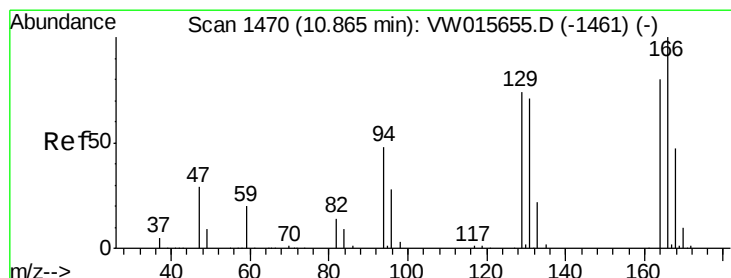
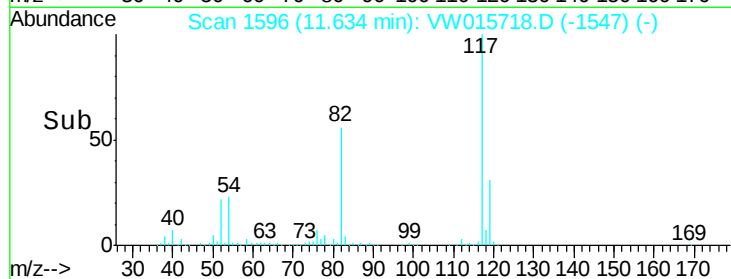
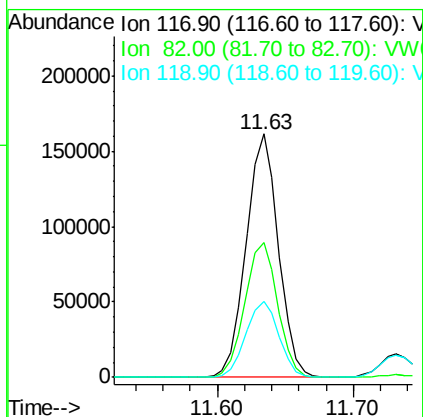
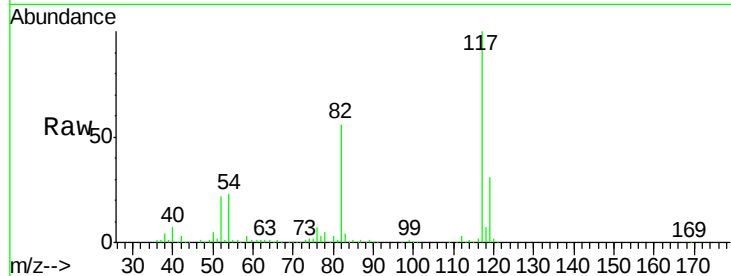




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

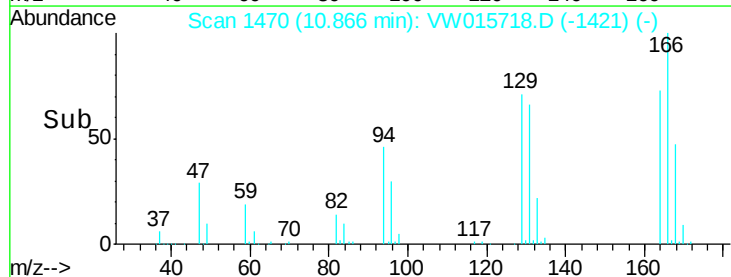
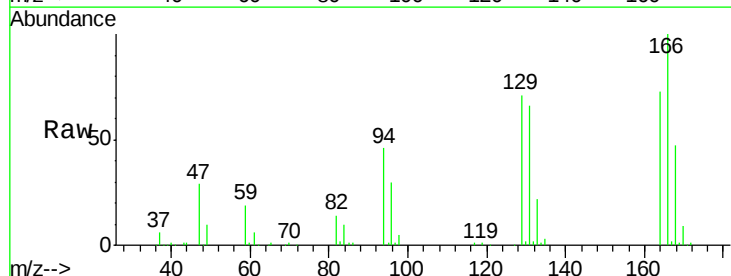
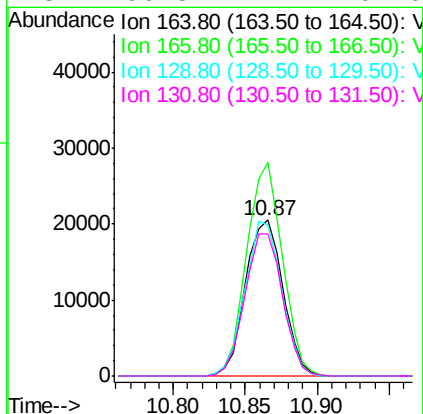
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

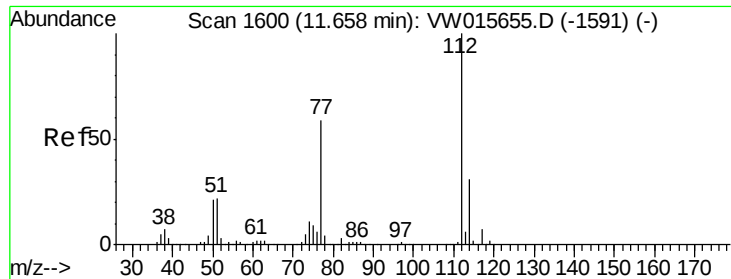
Tot Ion:117 Resp: 267456
Ion Ratio Lower Upper
117 100
82 55.6 45.1 67.7
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 19.639 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:164 Resp: 36900
Ion Ratio Lower Upper
164 100
166 136.8 99.9 149.9
129 96.6 74.2 111.2
131 90.8 71.4 107.0

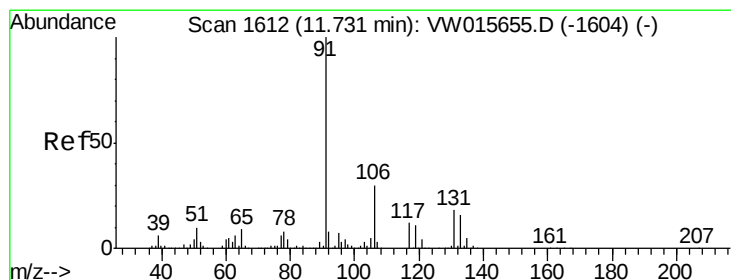
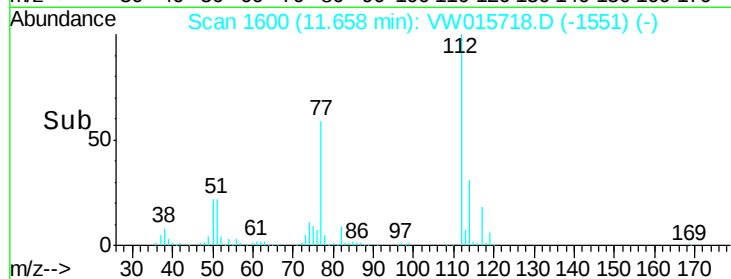
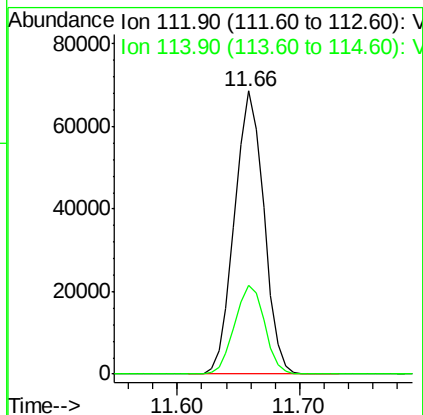
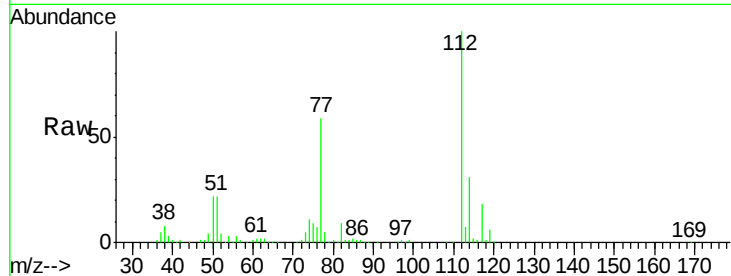




#65
Chlorobenzene
Concen: 20.229 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

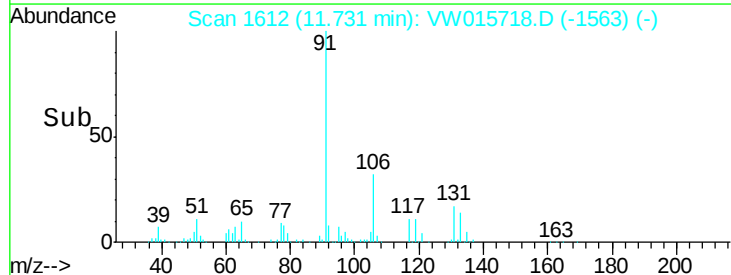
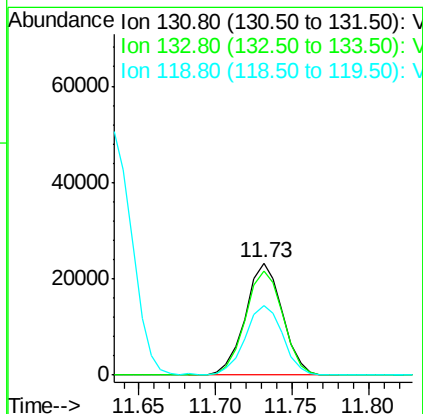
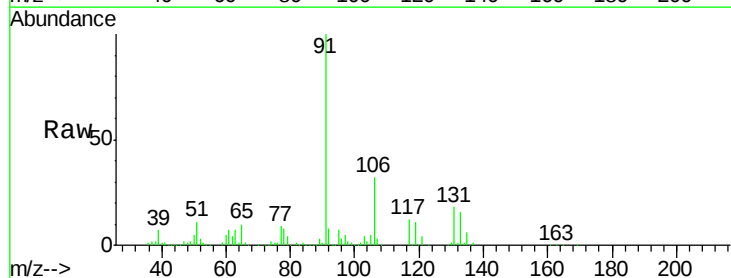
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

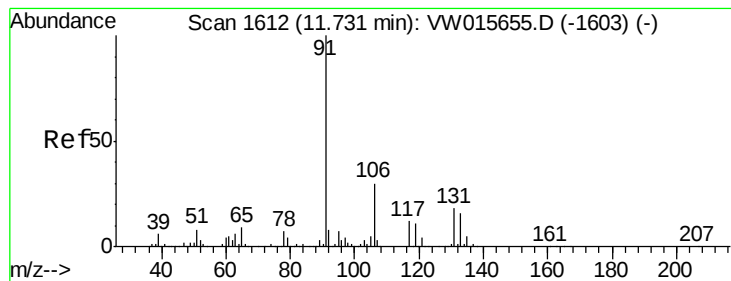
Tot Ion:112 Resp: 114074
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.726 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:131 Resp: 39002
Ion Ratio Lower Upper
131 100
133 94.7 46.5 139.5
119 64.1 32.5 97.5





#67

Ethyl Benzene

Concen: 20.082 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

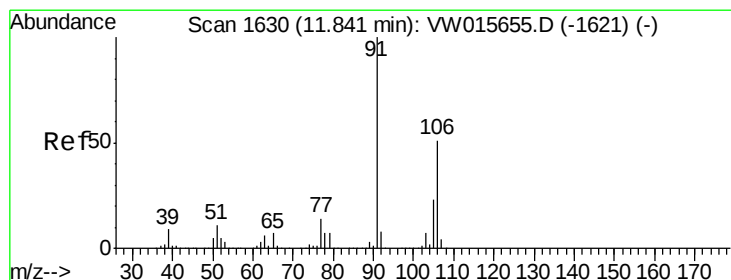
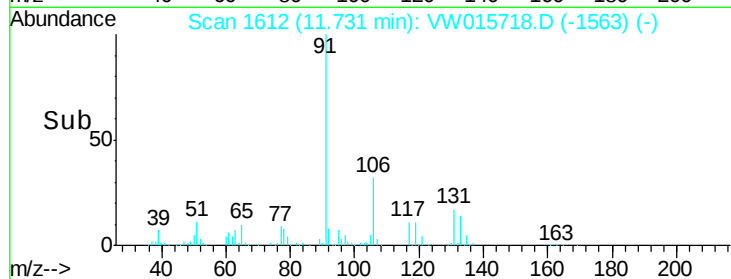
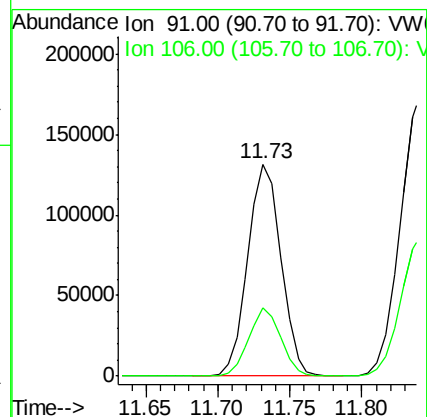
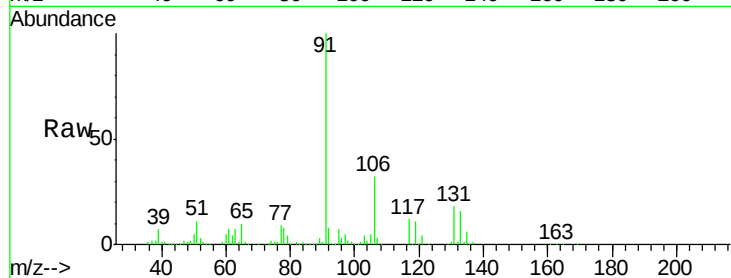
VW0625SBS01

Tot Ion: 91 Resp: 210756

Ion Ratio Lower Upper

91 100

106 31.9 24.1 36.1



#68

m/p-Xylenes

Concen: 40.955 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW015718.D

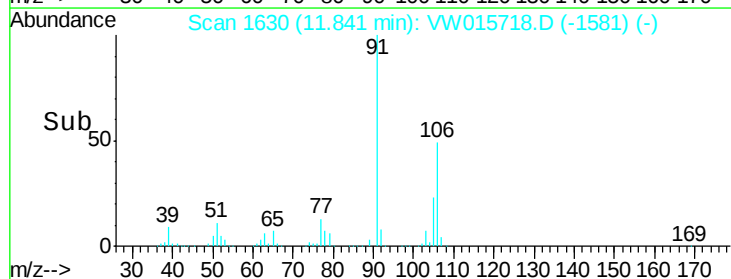
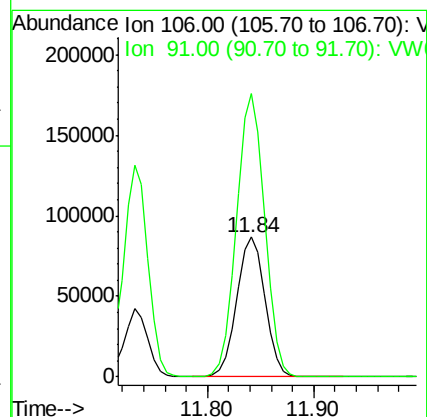
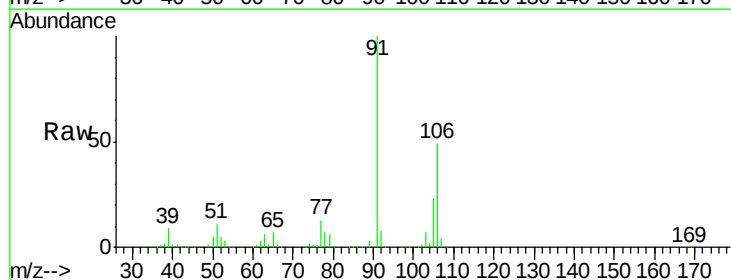
Acq: 25 Jun 2020 10:39

Tgt Ion: 106 Resp: 161393

Ion Ratio Lower Upper

106 100

91 201.8 162.6 244.0

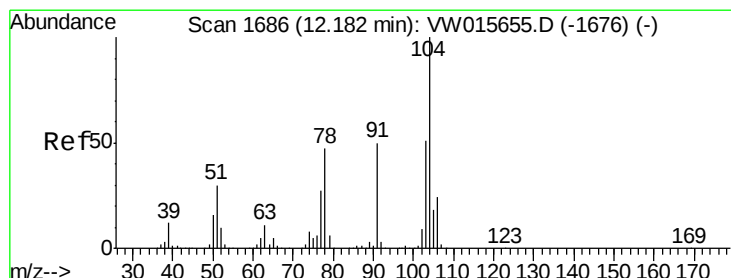
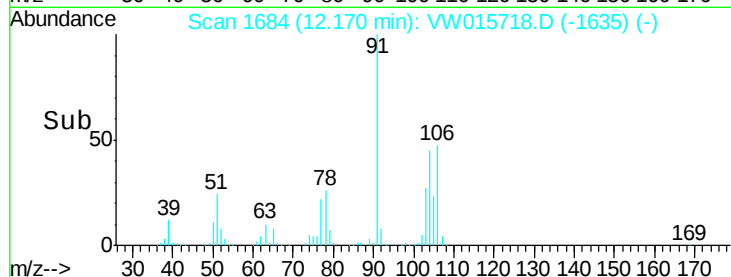
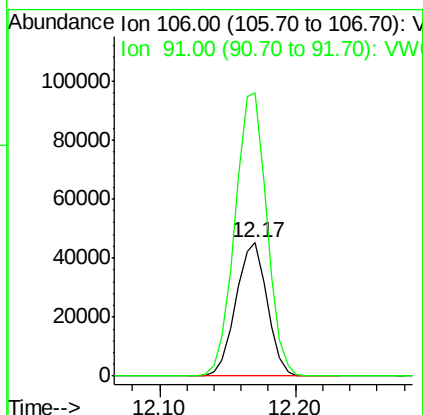
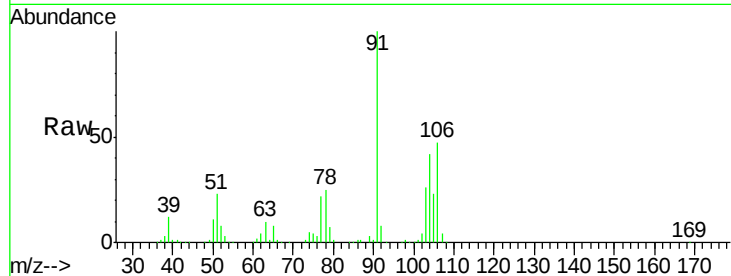




#69
o-Xylene
Concen: 19.998 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

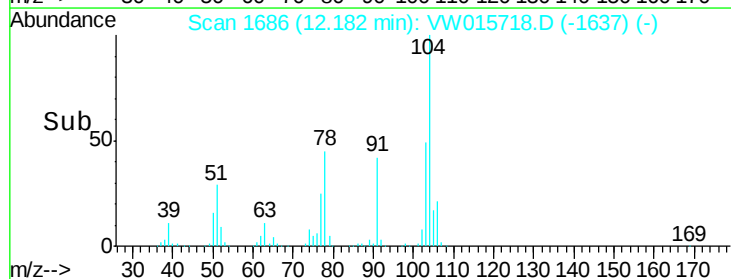
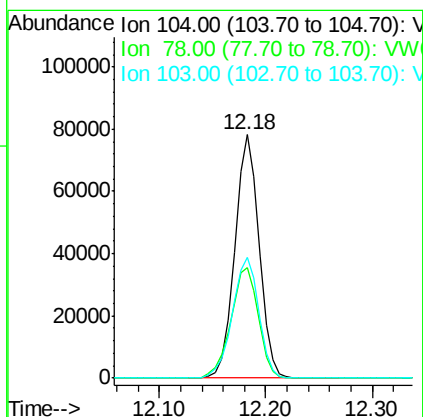
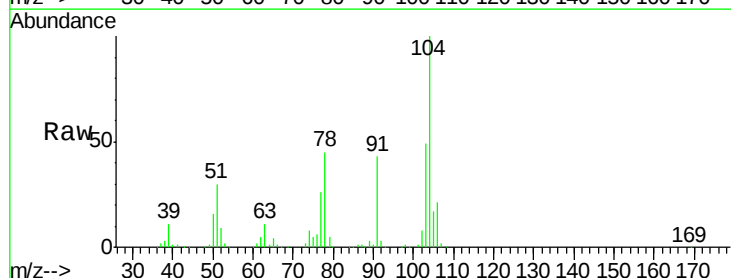
Instrument :
MSVOA_W
ClientSampled :
VW0625SBS01

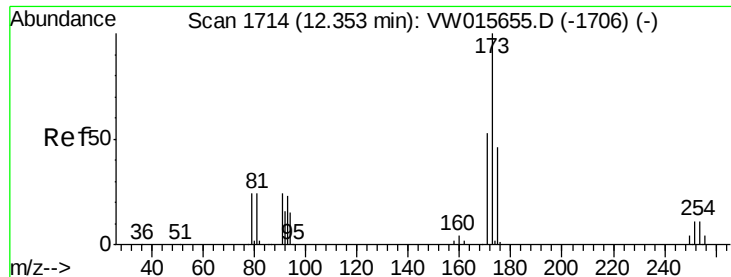
Tot Ion:106 Resp: 72459
Ion Ratio Lower Upper
106 100
91 216.3 108.3 324.9



#70
Styrene
Concen: 20.222 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:104 Resp: 125187
Ion Ratio Lower Upper
104 100
78 51.3 40.9 61.3
103 53.9 43.1 64.7





#71

Bromoform

Concen: 18.004 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

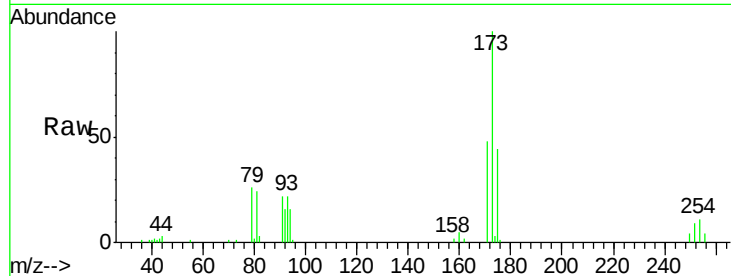
Tot Ion:173 Resp: 16379

Ion Ratio Lower Upper

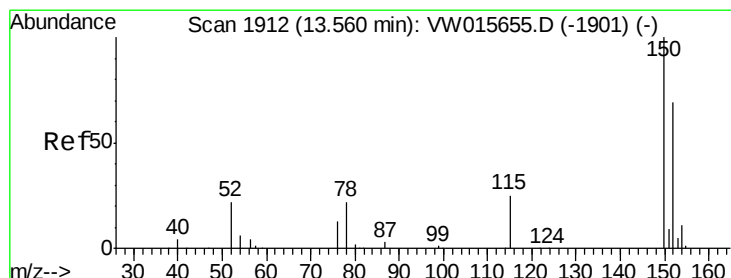
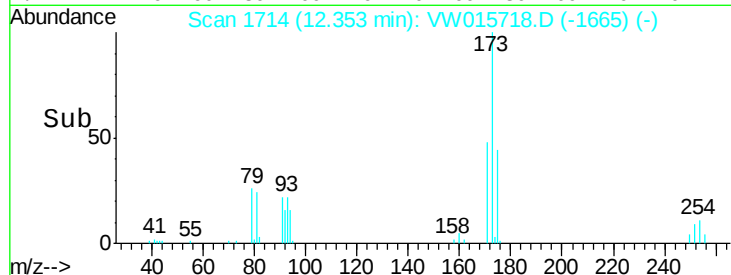
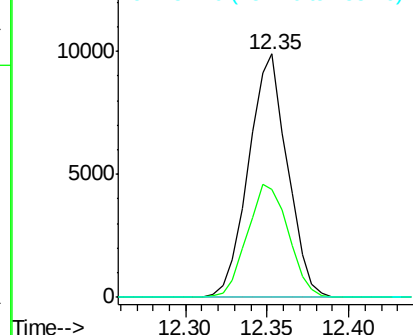
173 100

175 49.2 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: VW015718.D

Acq: 25 Jun 2020 10:39

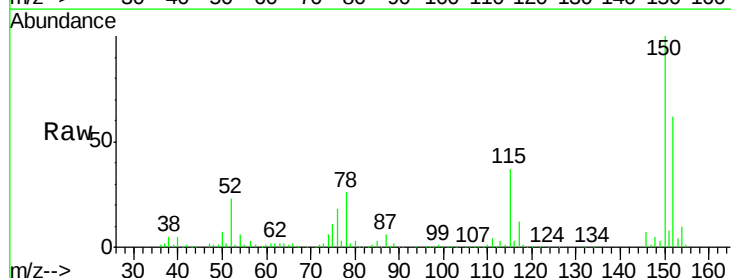
Tgt Ion:152 Resp: 136381

Ion Ratio Lower Upper

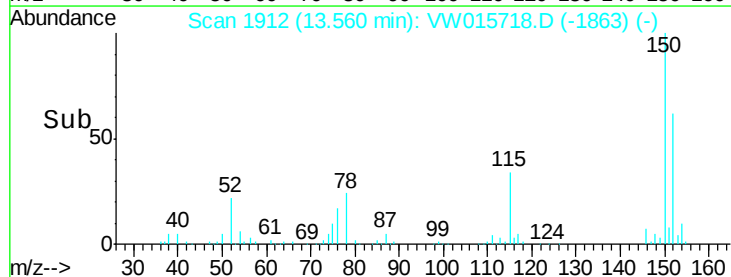
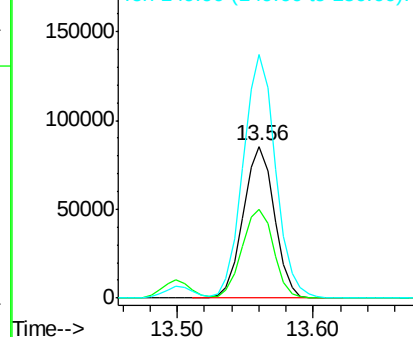
152 100

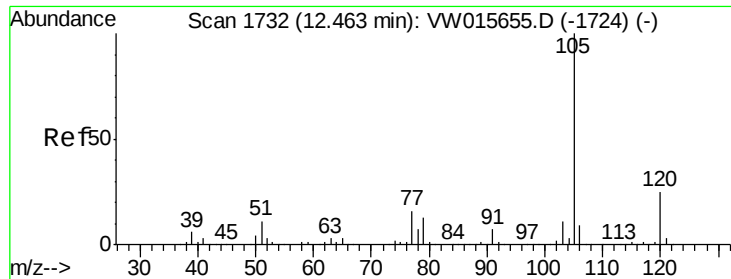
115 59.7 30.1 90.5

150 166.9 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: 19.646 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

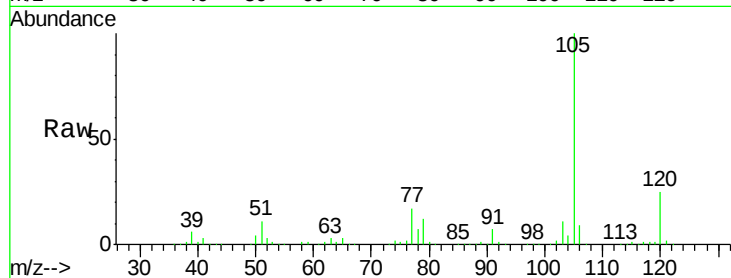
VW0625SBS01

Tot Ion:105 Resp: 204392

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

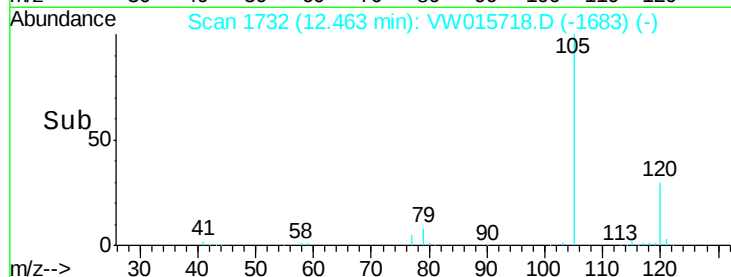
150000

120000

50000

0

Time-->



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

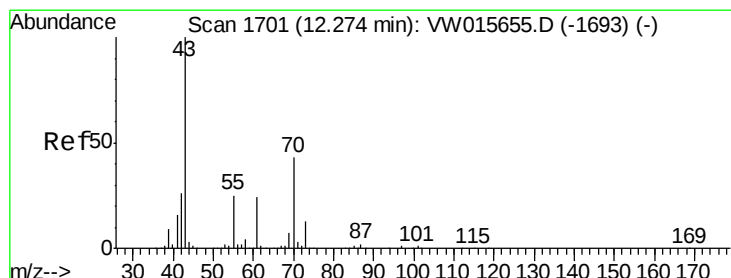
150000

120000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.386 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion: 43 Resp: 40549

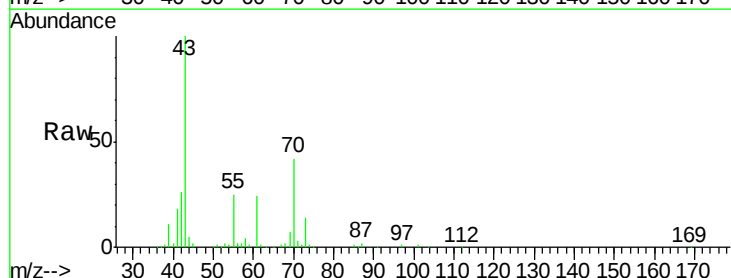
Ion Ratio Lower Upper

43 100

70 41.6 33.6 50.4

55 25.4 19.7 29.5

61 23.2 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

40000

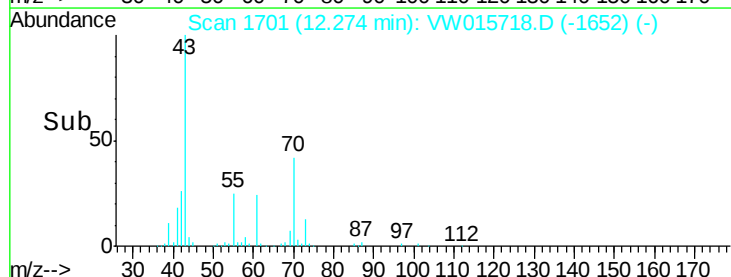
30000

20000

10000

0

Time-->



Abundance

Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

40000

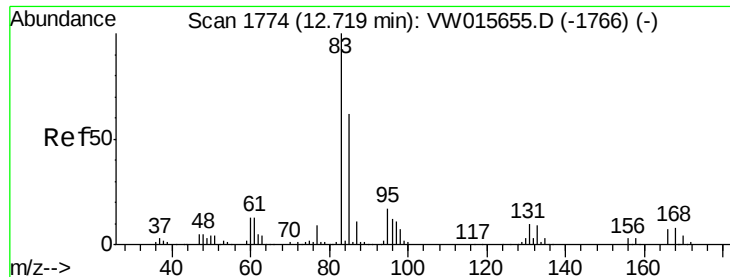
30000

20000

10000

0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 19.028 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

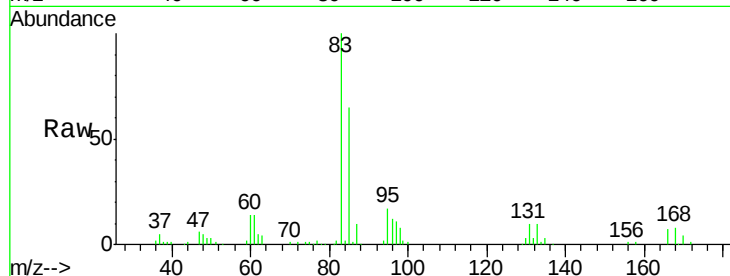
Tot Ion: 83 Resp: 31669

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

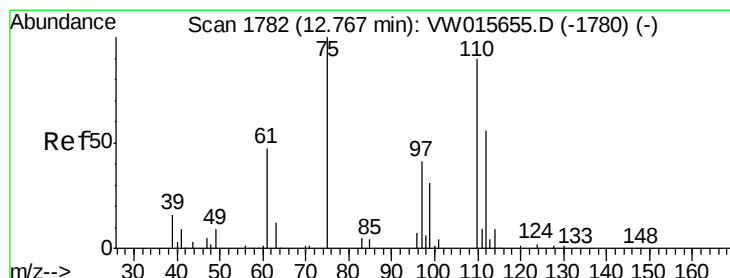
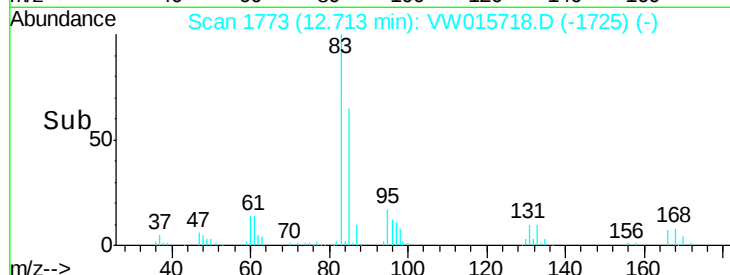
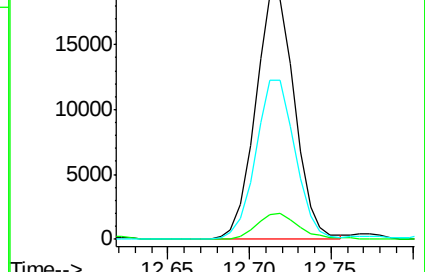
85 65.0 31.9 95.7



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: 32.581 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015718.D

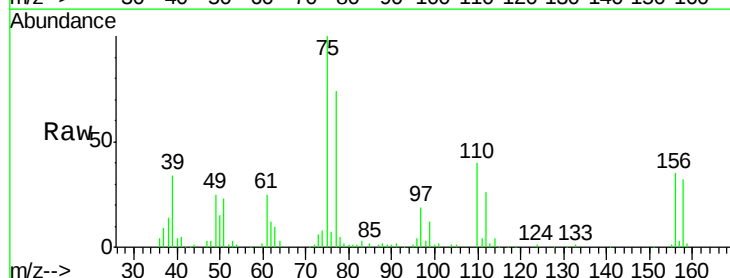
Acq: 25 Jun 2020 10:39

Tgt Ion: 75 Resp: 40531

Ion Ratio Lower Upper

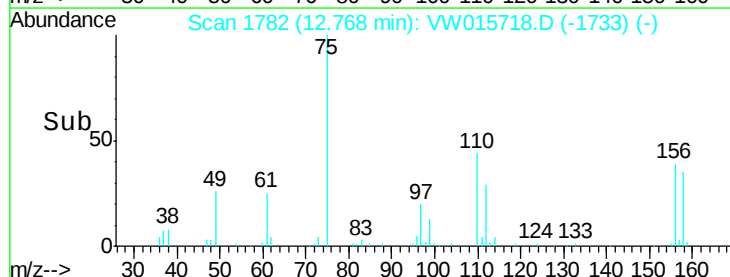
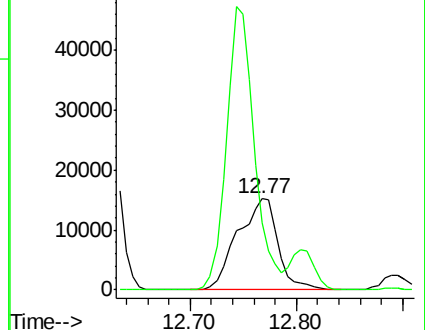
75 100

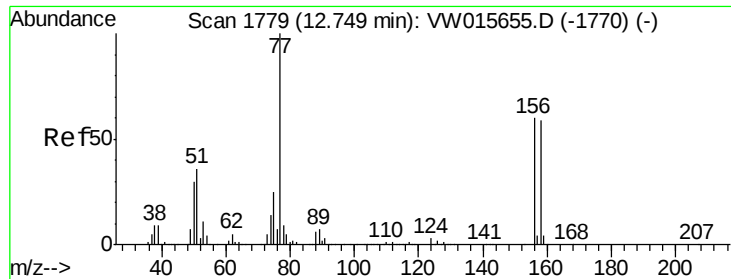
77 0.0 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.642 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

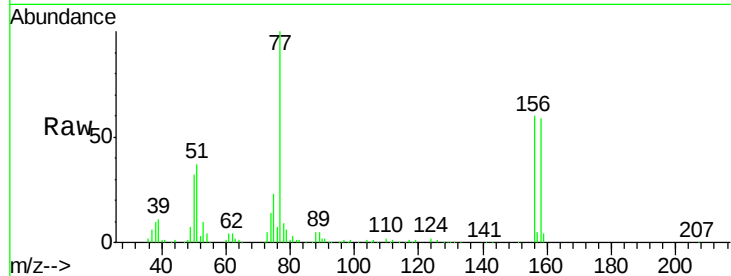
Tot Ion:156 Resp: 45567

Ion Ratio Lower Upper

156 100

77 189.9 94.5 283.5

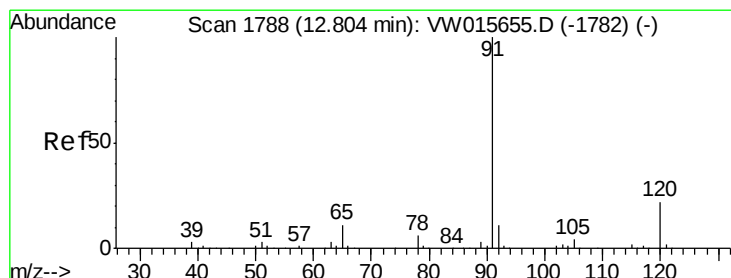
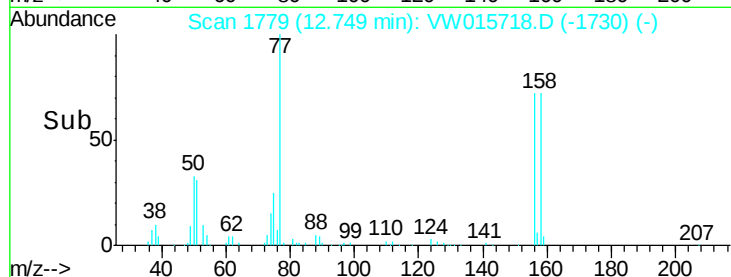
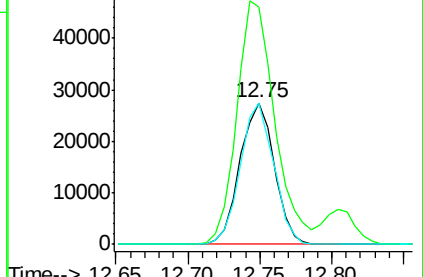
158 97.1 47.9 143.6



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: 20.232 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015718.D

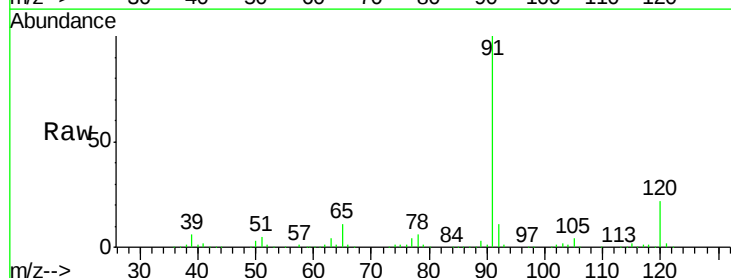
Acq: 25 Jun 2020 10:39

Tgt Ion: 91 Resp: 253357

Ion Ratio Lower Upper

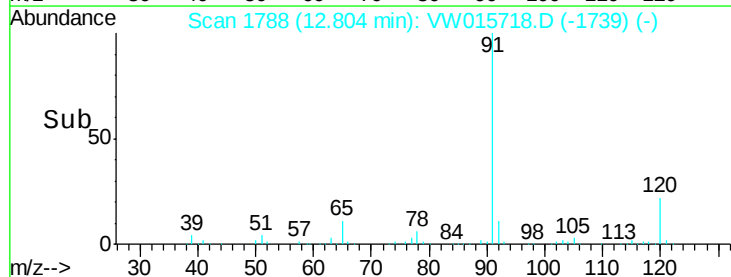
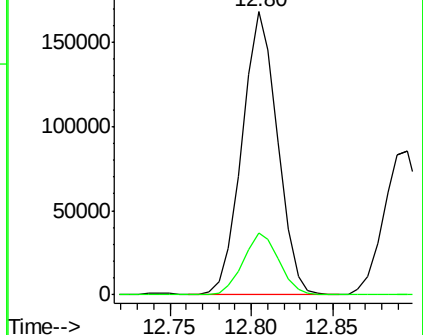
91 100

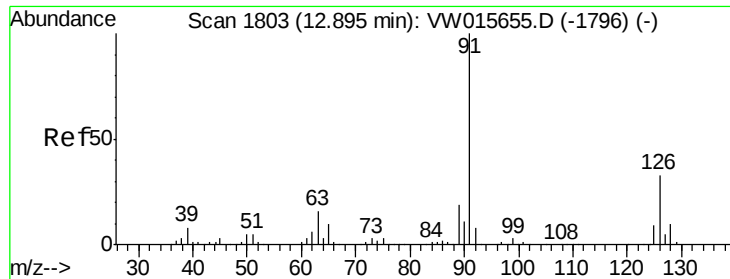
120 22.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

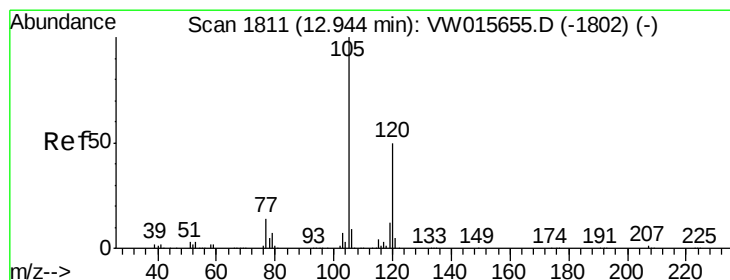
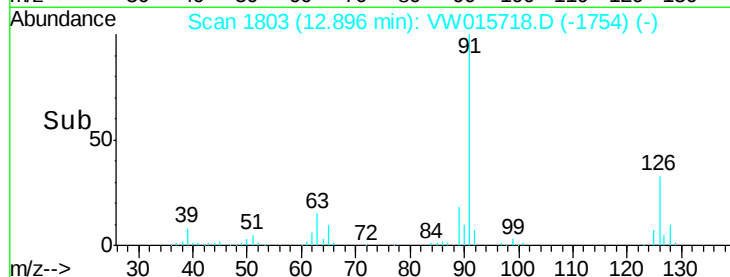
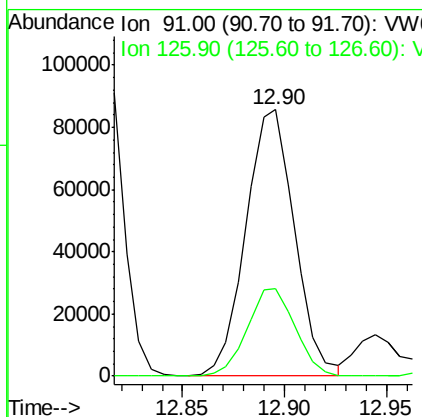
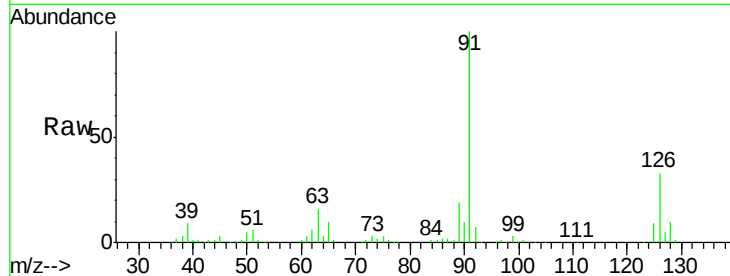




#79
 2-Chlorotoluene
 Concen: 20.171 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

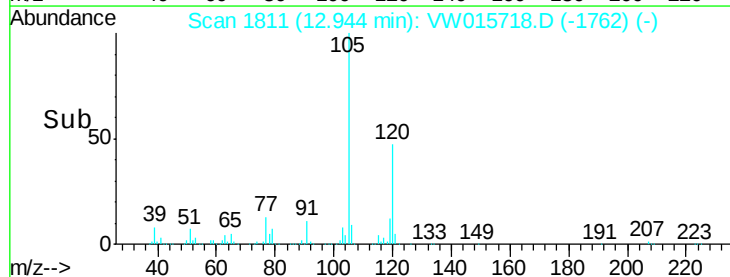
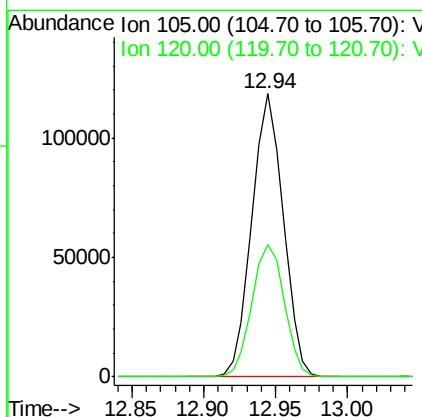
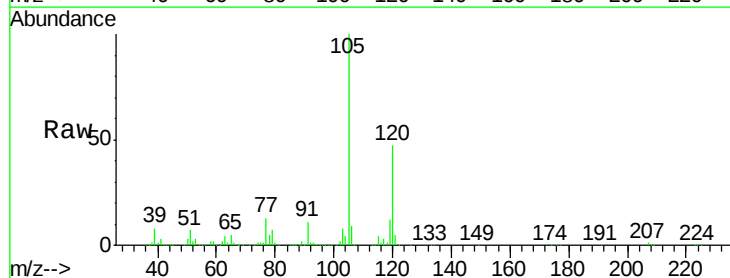
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

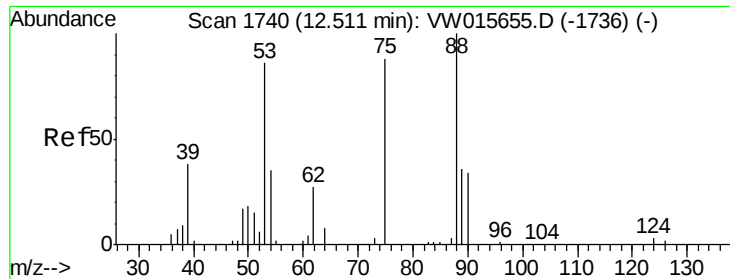
Tot Ion: 91 Resp: 142225
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.275 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion:105 Resp: 178733
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.206 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

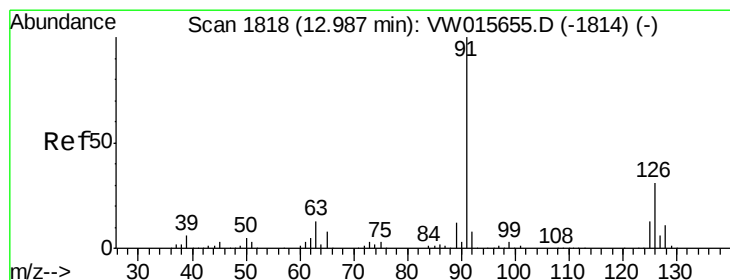
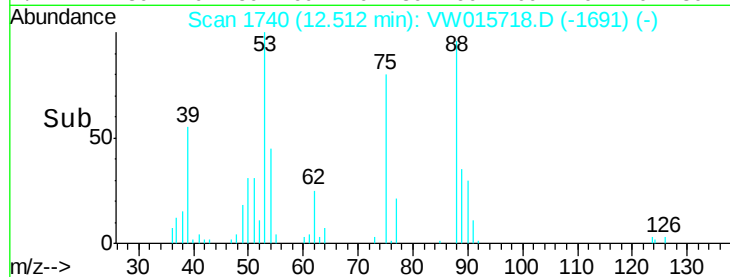
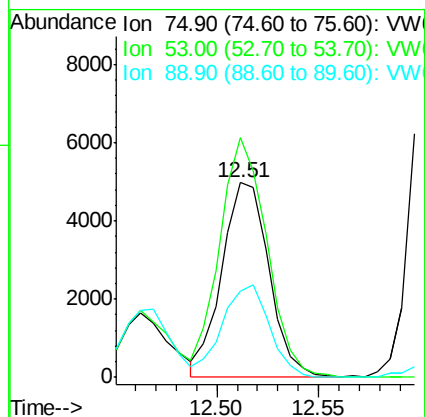
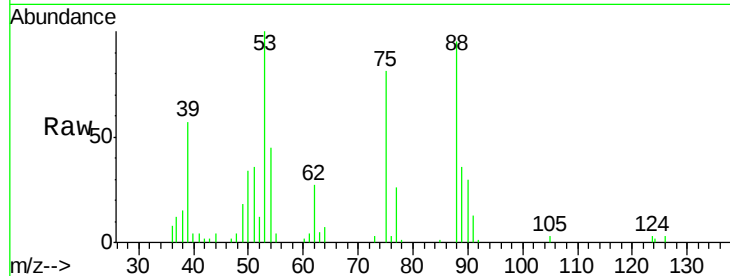
Tot Ion: 75 Resp: 8000

Ion Ratio Lower Upper

75 100

53 122.9 83.8 125.8

89 47.6 36.6 55.0



#82

4-Chlorotoluene

Concen: 20.036 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015718.D

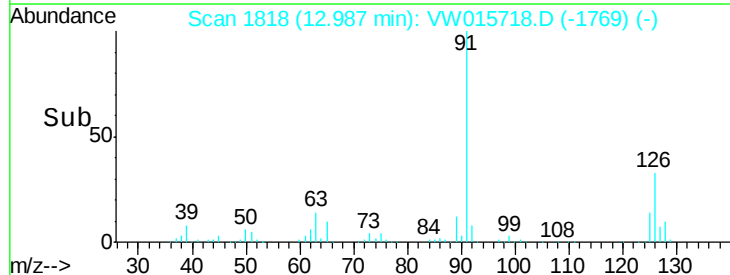
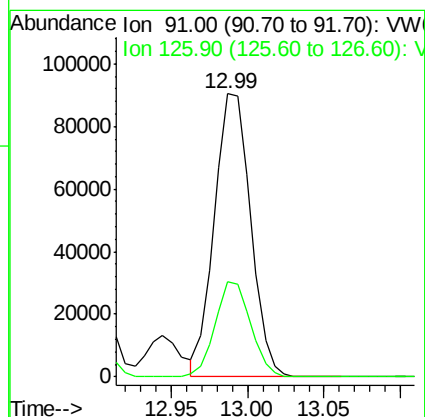
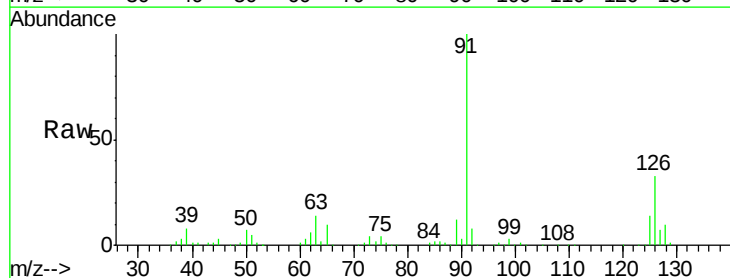
Acq: 25 Jun 2020 10:39

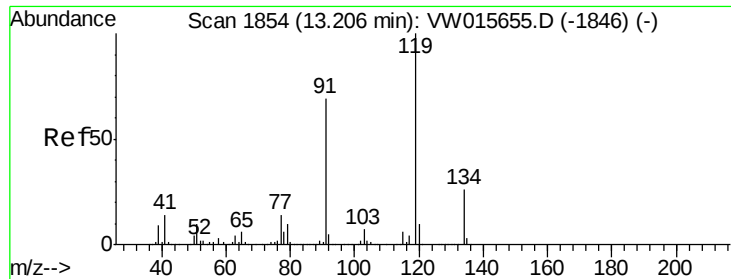
Tgt Ion: 91 Resp: 149463

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

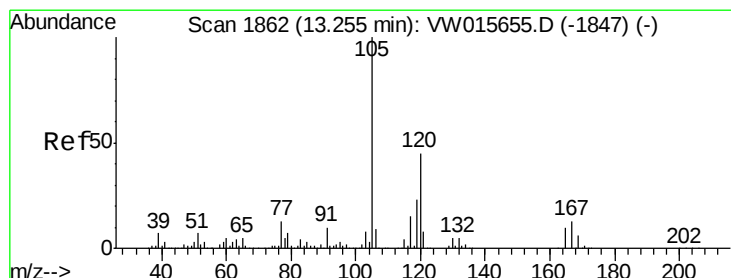
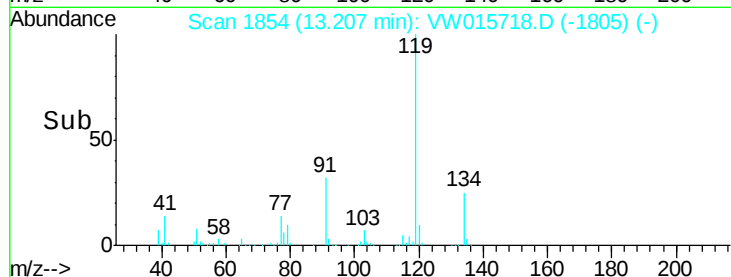
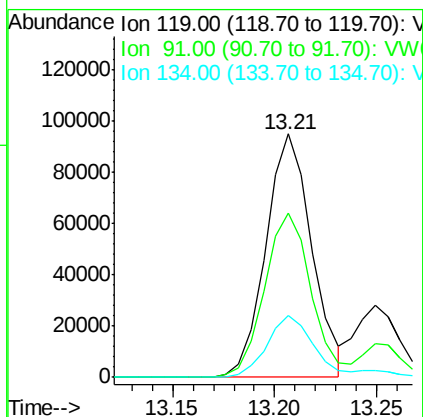
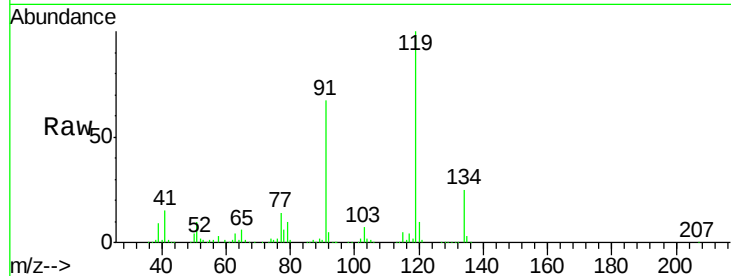




#83
tert-Butylbenzene
Concen: 19.948 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

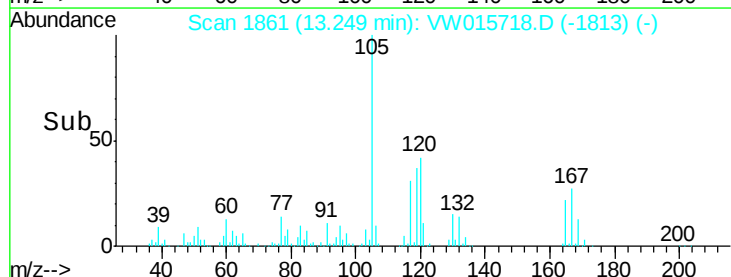
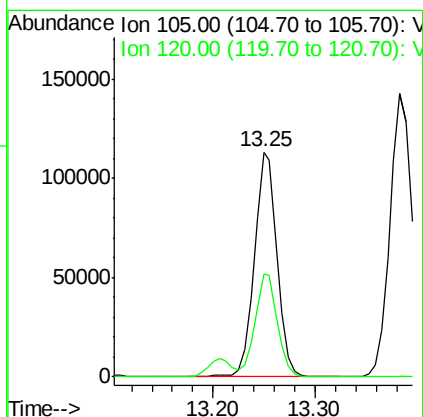
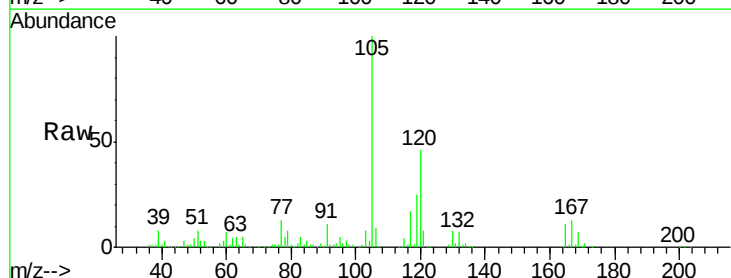
Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

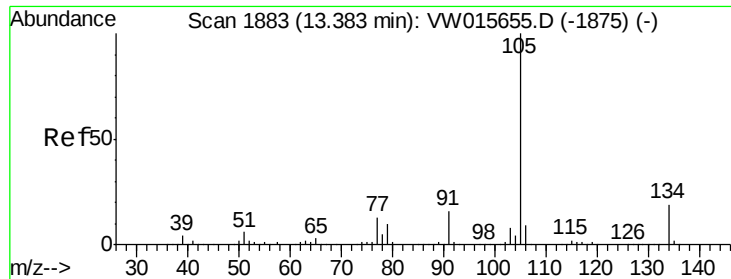
Tot Ion:119 Resp: 148582
Ion Ratio Lower Upper
119 100
91 69.0 34.7 104.1
134 25.5 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.003 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:105 Resp: 175849
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.3

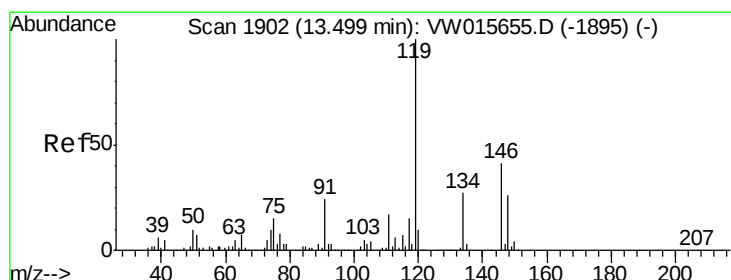
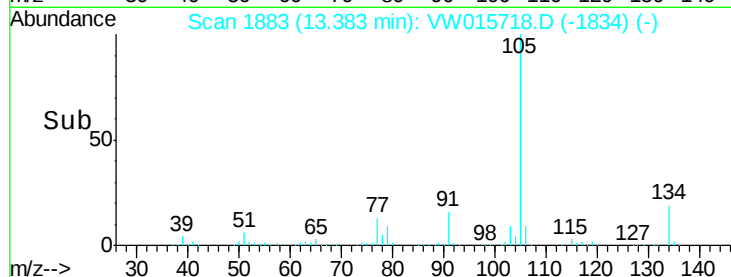
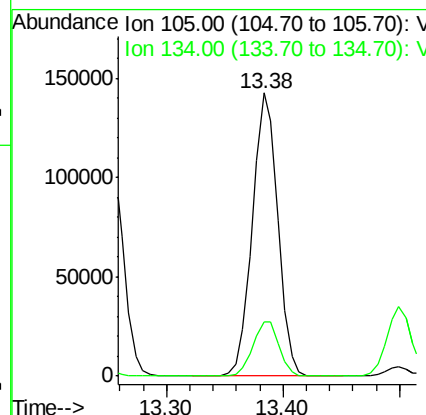
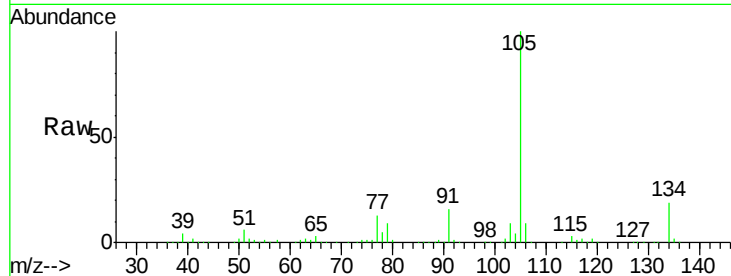




#85
 sec-Butylbenzene
 Concen: 20.480 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

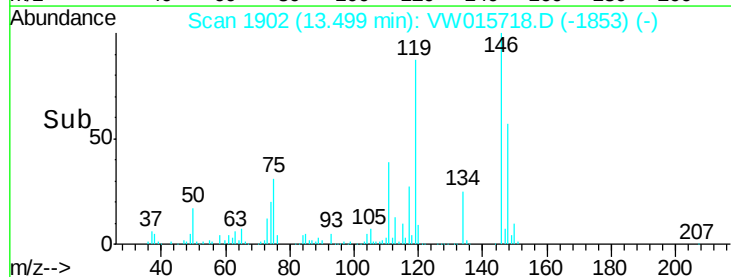
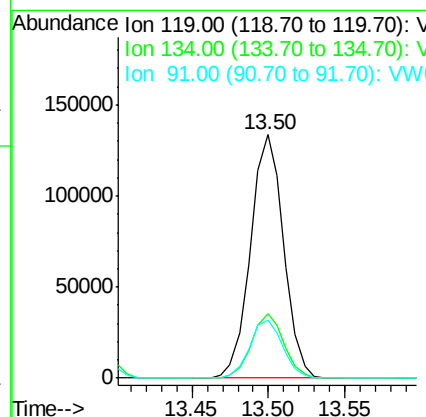
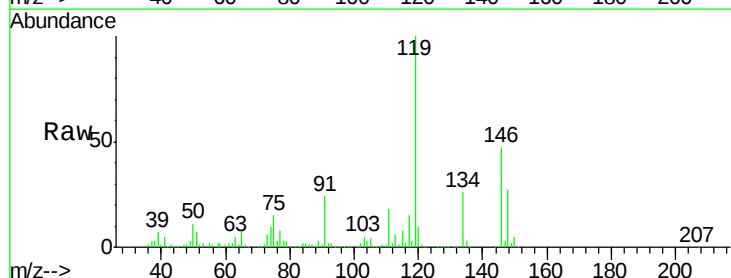
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

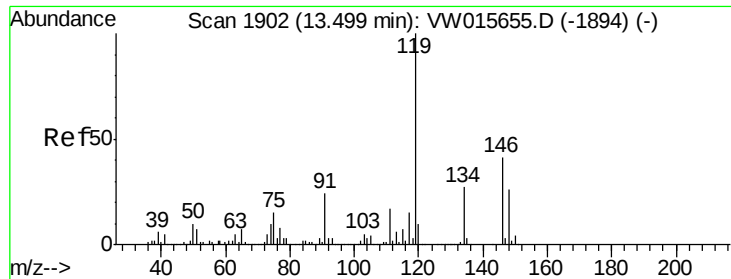
Tot Ion:105 Resp: 218009
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.660 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion:119 Resp: 199819
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.5 40.4
 91 23.9 12.3 36.8

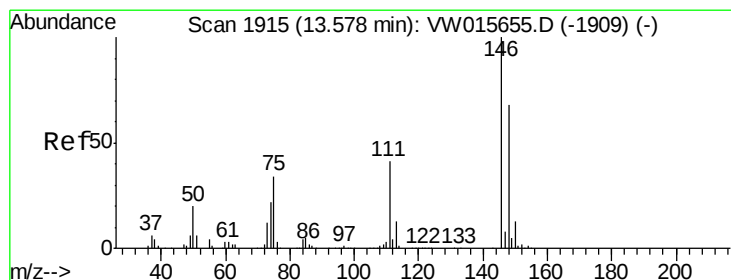
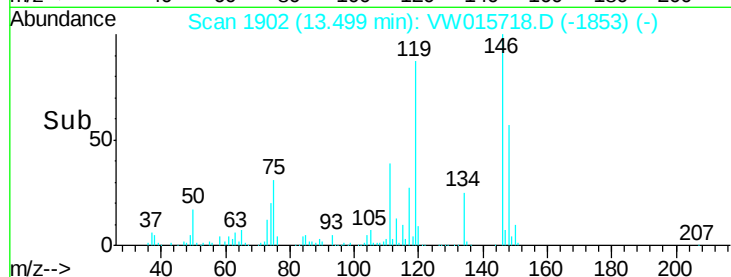
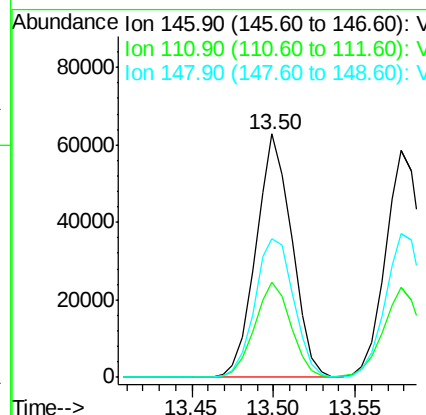
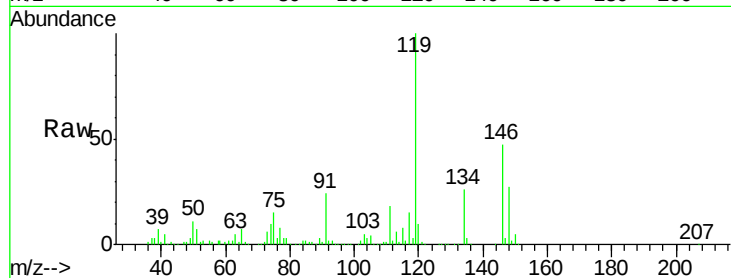




#87
 1,3-Dichlorobenzene
 Concen: 20.847 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

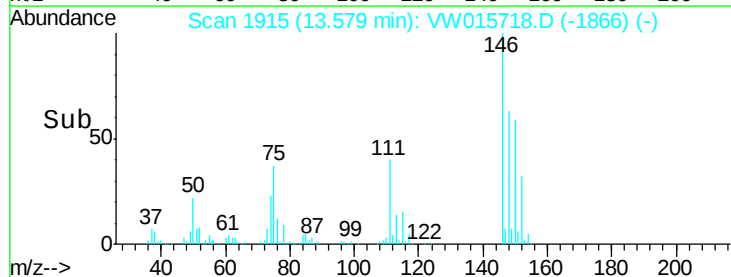
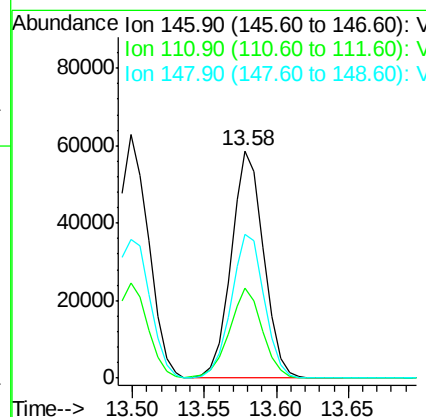
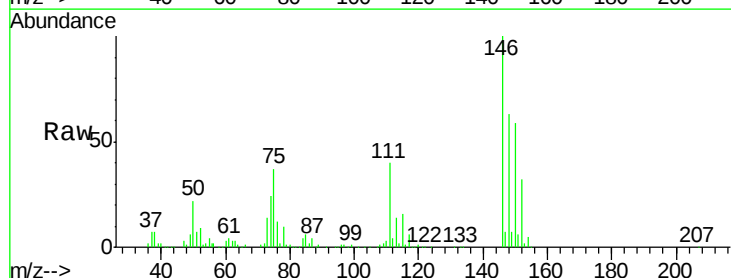
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

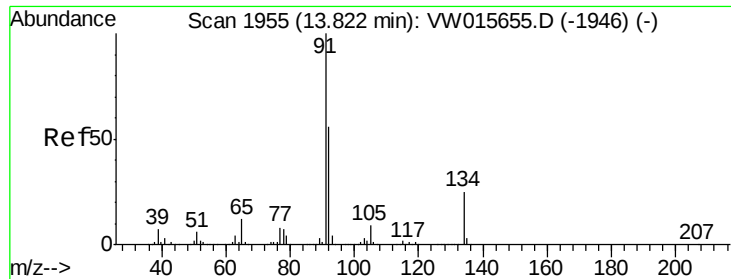
Tot Ion:146 Resp: 96006
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.8
 148 61.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.177 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion:146 Resp: 92026
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.9
 148 64.8 33.7 101.1





#89

n-Butylbenzene

Concen: 20.821 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

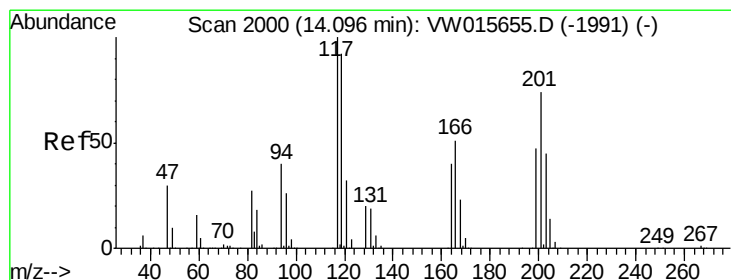
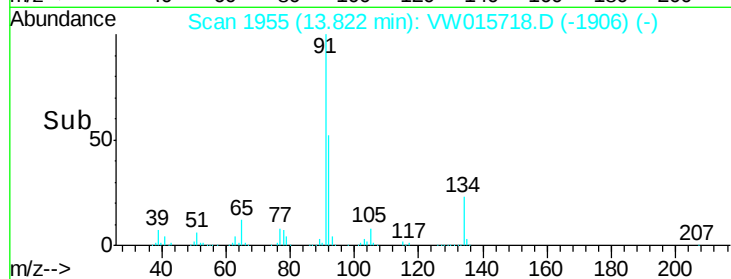
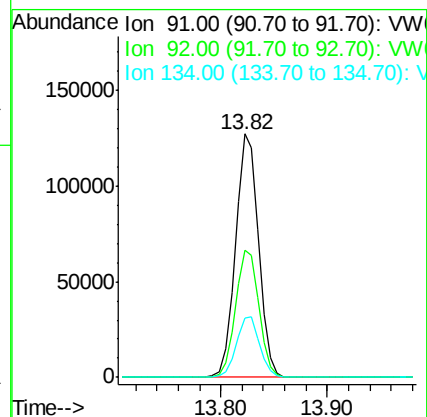
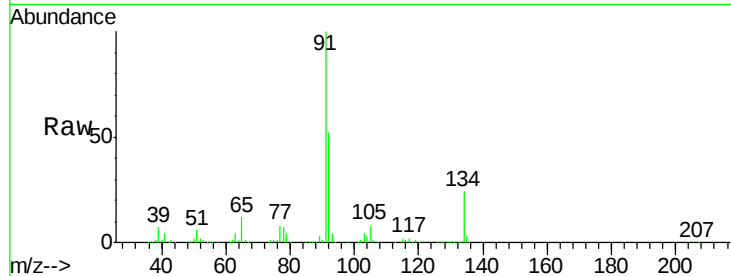
Tot Ion: 91 Resp: 193314

Ion Ratio Lower Upper

91 100

92 52.8 27.5 82.4

134 25.0 13.0 38.9



#90

Hexachloroethane

Concen: 19.014 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015718.D

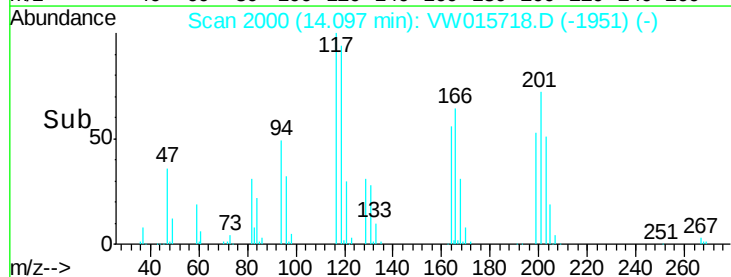
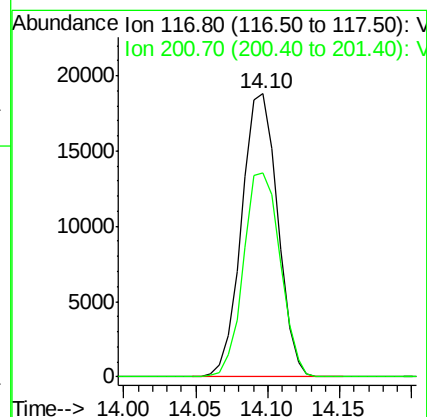
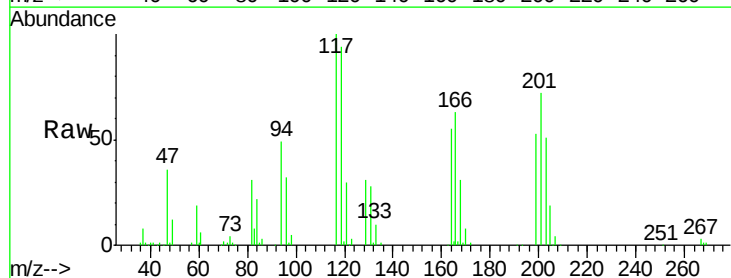
Acq: 25 Jun 2020 10:39

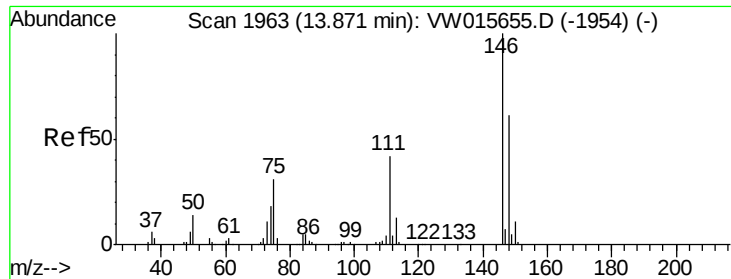
Tgt Ion: 117 Resp: 32727

Ion Ratio Lower Upper

117 100

201 73.4 37.1 111.5

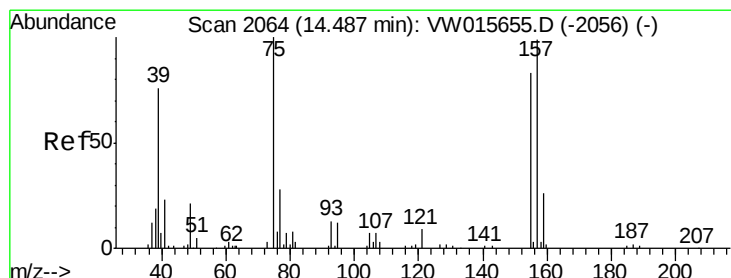
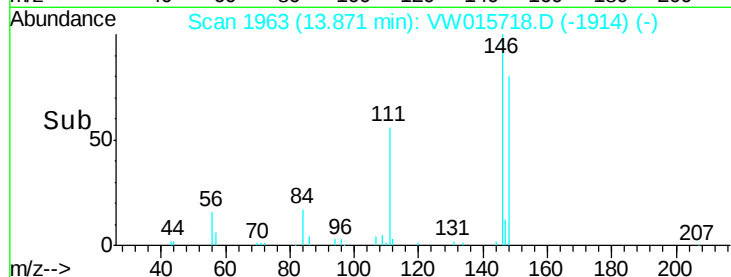
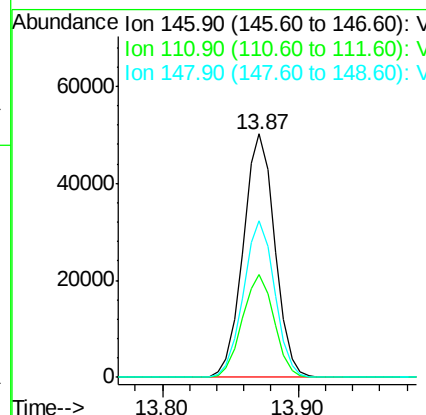
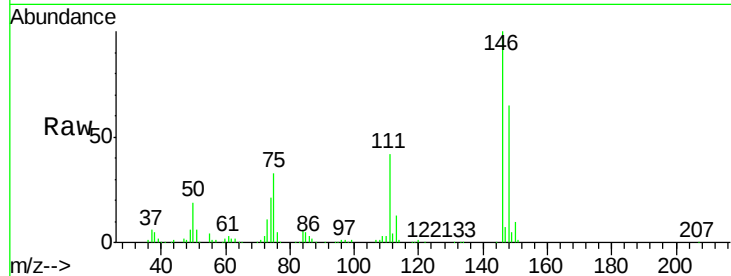




#91
 1,2-Dichlorobenzene
 Concen: 20.458 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

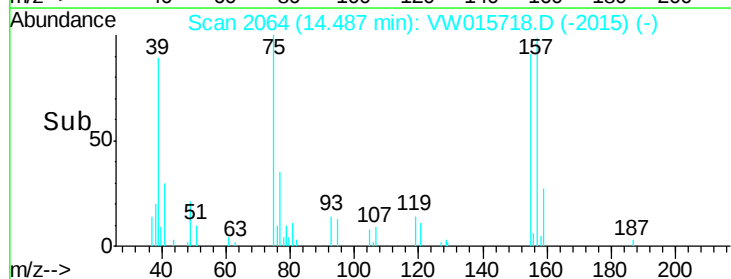
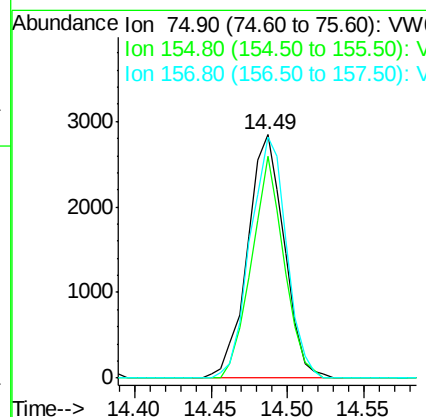
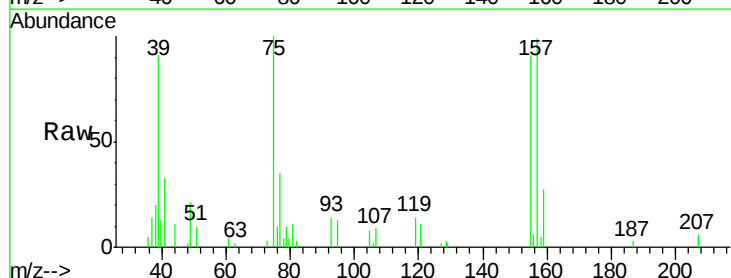
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

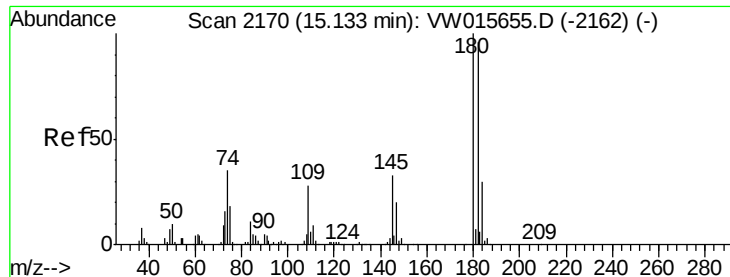
Tot Ion:146 Resp: 81458
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.7
 148 63.8 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.811 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 75 Resp: 4747
 Ion Ratio Lower Upper
 75 100
 155 80.5 40.8 122.2
 157 97.6 50.7 152.1

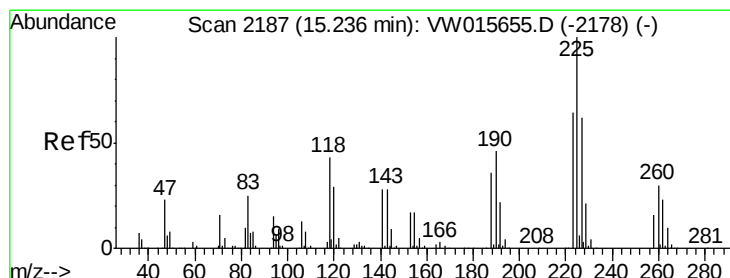
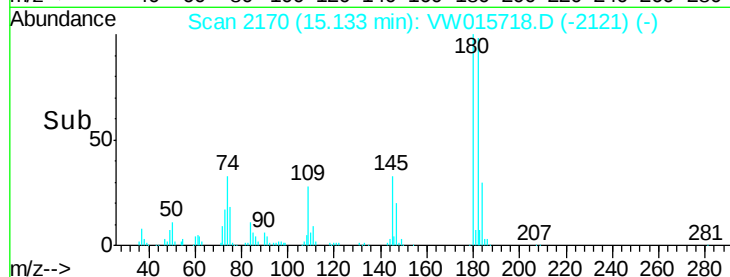
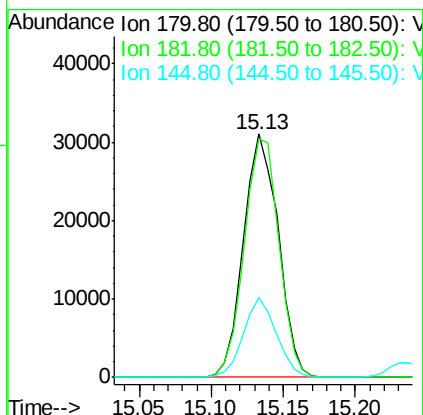
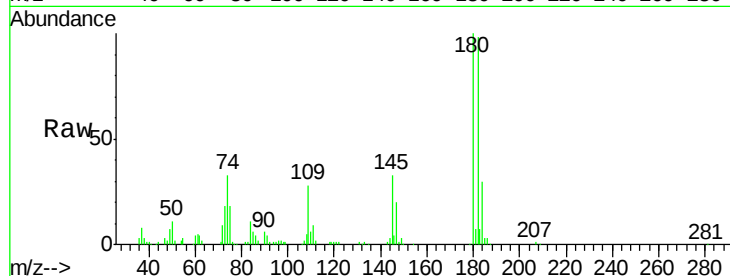




#93
 1,2,4-Trichlorobenzene
 Concen: 19.671 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

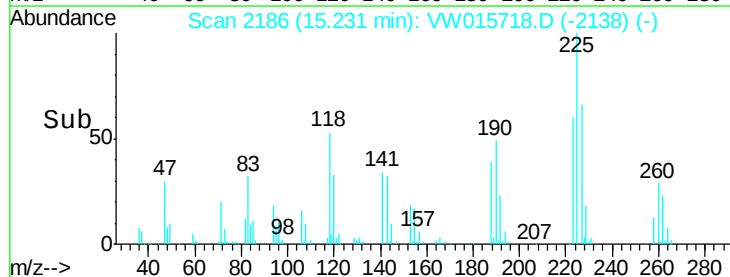
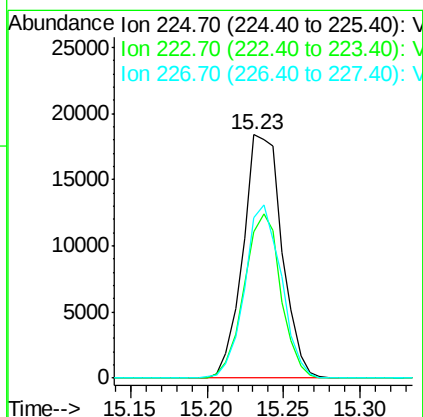
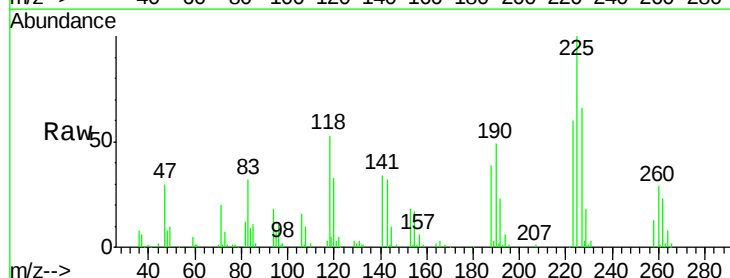
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.9	143.6
145	31.0	15.6	46.7



#94
 Hexachlorobutadiene
 Concen: 19.396 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.0	93.0
227	66.8	31.9	95.9

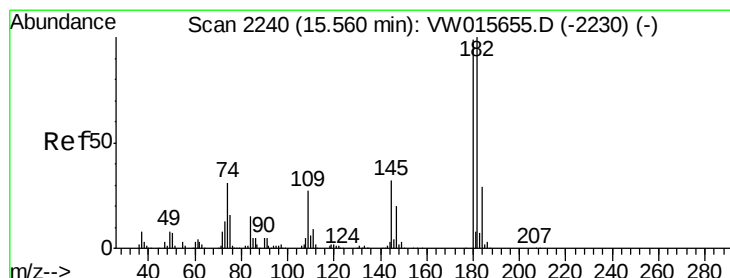
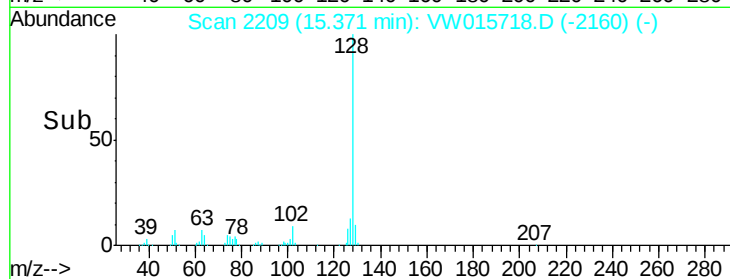
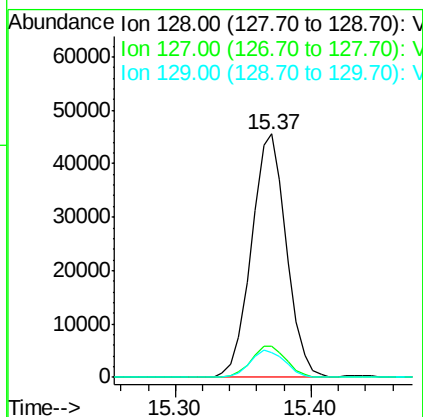
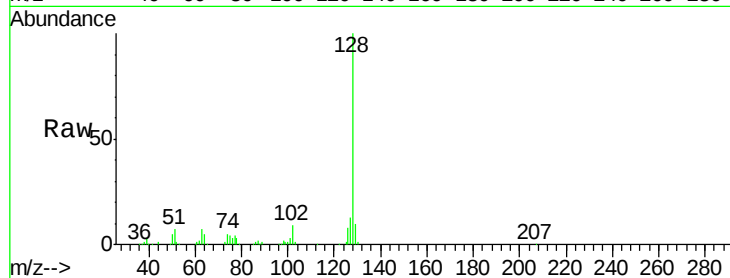




#95
Naphthalene
Concen: 18.835 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion:128 Resp: 81912
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.492 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:180 Resp: 44127
Ion Ratio Lower Upper
180 100
182 95.7 49.0 147.0
145 32.8 16.4 49.2

