

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015701.D
 Acq On : 25 Jun 2020 00:12
 Operator : SY/VA
 Sample : VW0624SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Quant Time: Jun 25 02:08:28 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	168963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162026	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102319	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.88	113	89555	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.32	98	374629	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	153250	59.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	15741	15.625	ug/l	100
3) Chloromethane	2.21	50	30420	25.714	ug/l	100
4) Vinyl Chloride	2.36	62	44877	23.465	ug/l	100
5) Bromomethane	2.77	94	37785	26.880	ug/l	97
6) Chloroethane	2.92	64	29732	23.623	ug/l	98
7) Trichlorofluoromethane	3.26	101	26678	18.578	ug/l	93
8) Diethyl Ether	3.68	74	18625	22.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38960	23.017	ug/l	99
10) Methyl Iodide	4.27	142	50848	21.245	ug/l	100
11) Tert butyl alcohol	5.20	59	15799	136.467	ug/l	97
12) 1,1-Dichloroethene	4.03	96	35531	21.558	ug/l	100
13) Acrolein	3.89	56	15062	115.334	ug/l	94
14) Allyl chloride	4.67	41	51477	19.251	ug/l	99
15) Acrylonitrile	5.37	53	46478	135.831	ug/l	99
16) Acetone	4.13	43	39174	109.613	ug/l	99
17) Carbon Disulfide	4.38	76	96085	20.255	ug/l	99
18) Methyl Acetate	4.67	43	23462	29.864	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	60024	24.199	ug/l	99
20) Methylene Chloride	4.92	84	46600	24.433	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	37925	20.070	ug/l	99
22) Diisopropyl ether	6.31	45	124837	23.473	ug/l	95
23) Vinyl Acetate	6.26	43	363549	117.221	ug/l	99
24) 1,1-Dichloroethane	6.21	63	71001	21.209	ug/l	99
25) 2-Butanone	7.18	43	60899	126.081	ug/l	100
26) 2,2-Dichloropropane	7.17	77	43327	19.296	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44150	21.719	ug/l	99
28) Bromochloromethane	7.51	49	30355	23.572	ug/l	100
29) Tetrahydrofuran	7.54	42	39243	138.258	ug/l	100
30) Chloroform	7.68	83	75714	22.053	ug/l	100
31) Cyclohexane	7.95	56	66468	20.525	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	63097	21.560	ug/l	99
36) 1,1-Dichloropropene	8.09	75	57072	19.267	ug/l	99
37) Ethyl Acetate	7.26	43	28340	25.057	ug/l	98
38) Carbon Tetrachloride	8.07	117	57222	19.928	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015701.D
 Acq On : 25 Jun 2020 00:12
 Operator : SY/VA
 Sample : VW0624SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Quant Time: Jun 25 02:08:28 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	70411	19.625	ug/l	99
40) Benzene	8.32	78	163173	20.259	ug/l	99
41) Methacrylonitrile	7.49	41	14039	21.627	ug/l	90
42) 1,2-Dichloroethane	8.40	62	54222	21.760	ug/l	100
43) Isopropyl Acetate	8.43	43	54037	23.941	ug/l	99
44) Trichloroethene	9.09	130	43020	19.816	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41696	21.179	ug/l	99
46) Dibromomethane	9.46	93	23189	22.765	ug/l	99
47) Bromodichloromethane	9.65	83	55135	20.751	ug/l	98
48) Methyl methacrylate	9.44	41	24884	24.115	ug/l	99
49) 1,4-Dioxane	9.46	88	6332	473.855	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	142229	130.668	ug/l	99
52) Toluene	10.39	92	115418	22.192	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	55365	21.569	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	64240	20.949	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34654	24.468	ug/l	98
56) Ethyl methacrylate	10.65	69	44290	25.133	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59077	23.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104622	125.459	ug/l	99
59) 2-Hexanone	10.97	43	95413	128.757	ug/l	100
60) Dibromochloromethane	11.13	129	37961	23.001	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33086	24.440	ug/l	98
64) Tetrachloroethene	10.87	164	39909	18.895	ug/l	96
65) Chlorobenzene	11.66	112	129133	20.371	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	45574	20.505	ug/l	98
67) Ethyl Benzene	11.73	91	236943	20.085	ug/l	99
68) m/p-Xylenes	11.84	106	183697	41.468	ug/l	99
69) o-Xylene	12.16	106	85126	20.900	ug/l	100
70) Styrene	12.18	104	146440	21.044	ug/l	98
71) Bromoform	12.35	173	21221	20.751	ug/l #	98
73) Isopropylbenzene	12.46	105	241265	19.520	ug/l	100
74) N-amyl acetate	12.27	43	53666	20.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42185	21.334	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53529	36.219	ug/l	27
77) Bromobenzene	12.75	156	54646	19.828	ug/l	97
78) n-propylbenzene	12.80	91	291232	19.575	ug/l	99
79) 2-Chlorotoluene	12.89	91	170253	20.324	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	212171	20.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10610	18.091	ug/l	89
82) 4-Chlorotoluene	12.99	91	177135	19.988	ug/l	99
83) tert-Butylbenzene	13.21	119	173323	19.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	212896	20.384	ug/l	98
85) sec-Butylbenzene	13.38	105	249855	19.757	ug/l	100
86) p-Isopropyltoluene	13.50	119	229830	20.002	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110726	20.238	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108507	20.025	ug/l	98
89) n-Butylbenzene	13.82	91	212819	19.294	ug/l	99
90) Hexachloroethane	14.09	117	38984	19.065	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	100999	21.351	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6254	19.752	ug/l	97

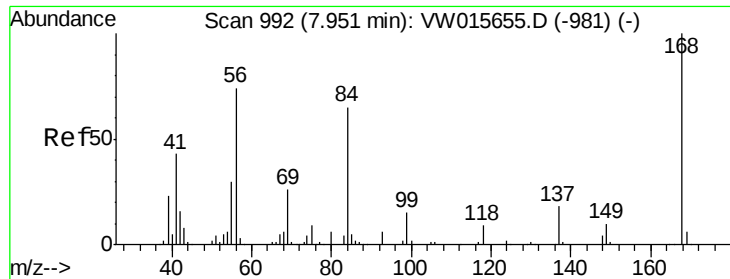
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015701.D
Acq On : 25 Jun 2020 00:12
Operator : SY/VA
Sample : VW0624SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Quant Time: Jun 25 02:08:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55199	17.670	ug/l	99
94) Hexachlorobutadiene	15.24	225	35728	17.953	ug/l	98
95) Naphthalene	15.37	128	92745	17.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	46179	17.170	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

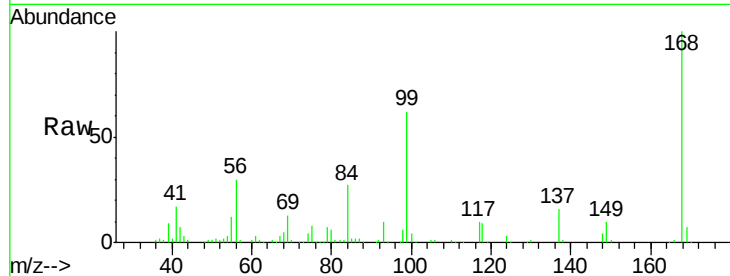
VW0624SBSD02

Tgt Ion:168 Resp: 168963

Ion Ratio Lower Upper

168 100

99 61.5 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

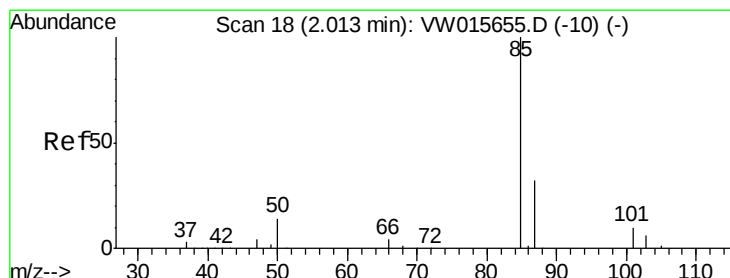
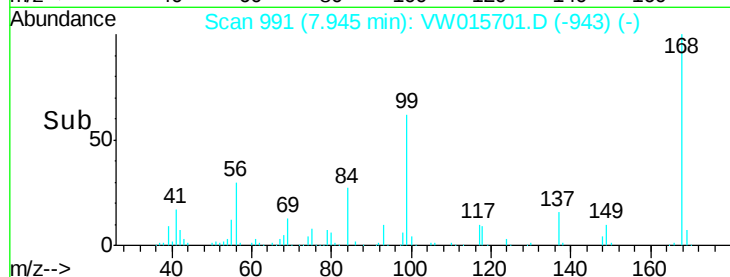
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 15.625 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015701.D

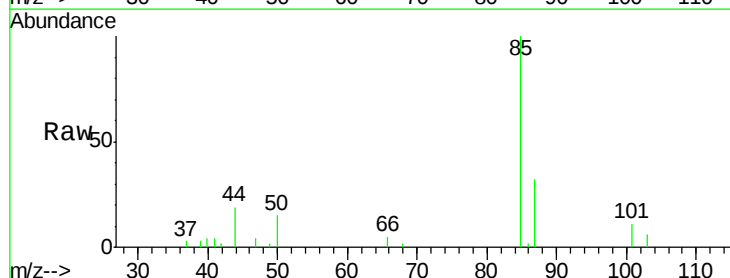
Acq: 25 Jun 2020 00:12

Tgt Ion: 85 Resp: 15741

Ion Ratio Lower Upper

85 100

87 31.9 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

5000

4000

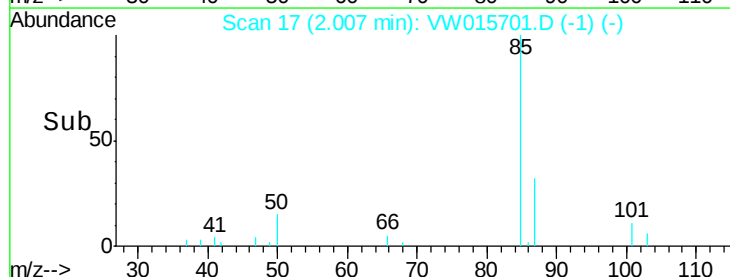
3000

2000

1000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 25.714 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

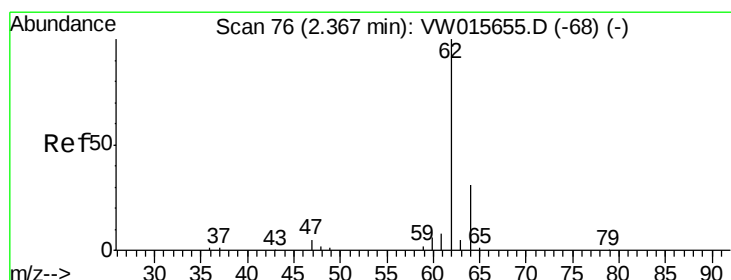
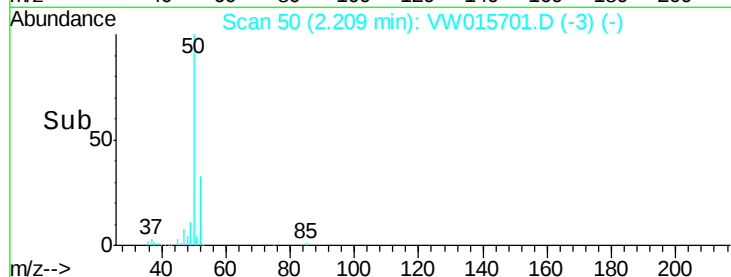
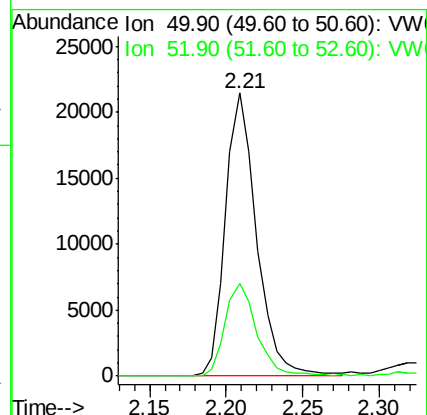
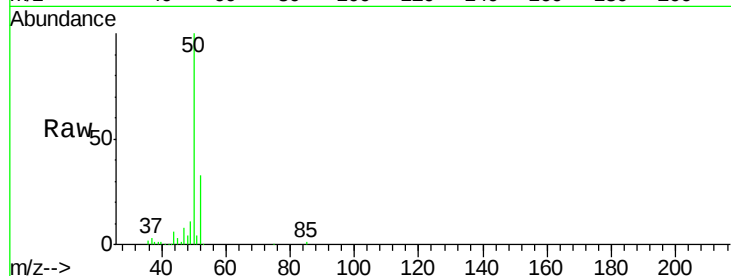
VW0624SBSD02

Tgt Ion: 50 Resp: 30420

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 23.465 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015701.D

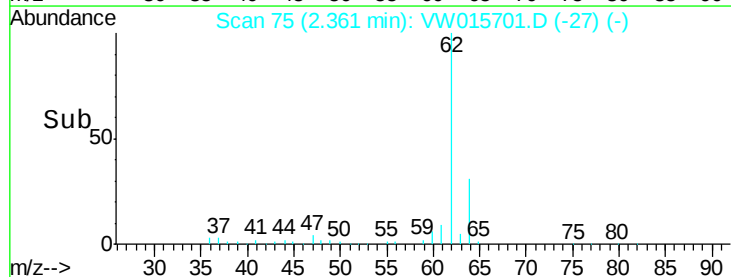
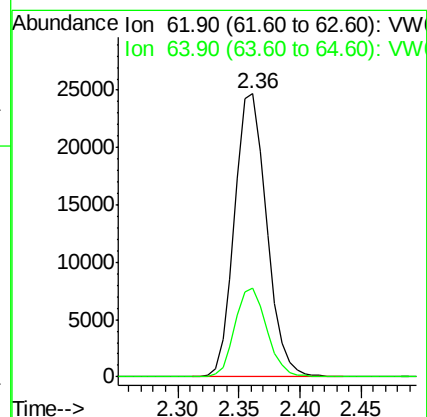
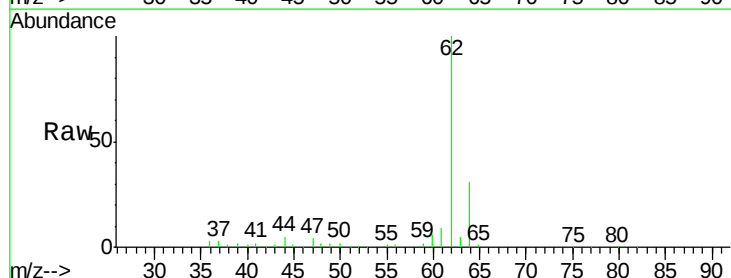
Acq: 25 Jun 2020 00:12

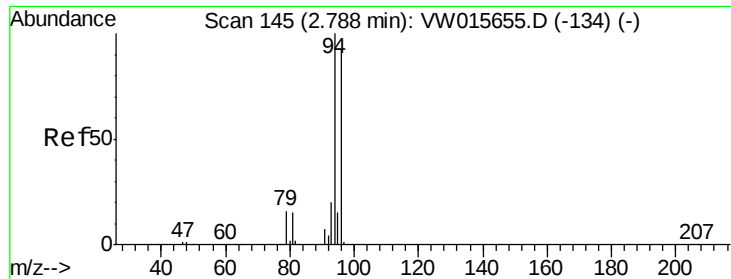
Tgt Ion: 62 Resp: 44877

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 26.880 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.02 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

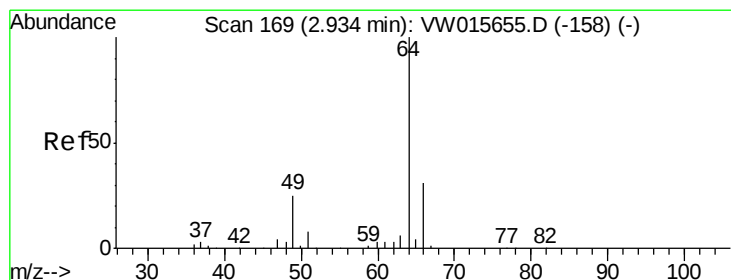
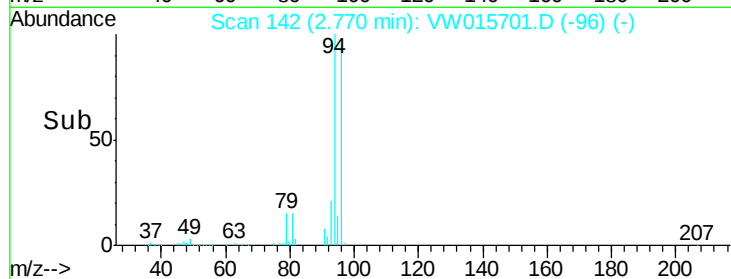
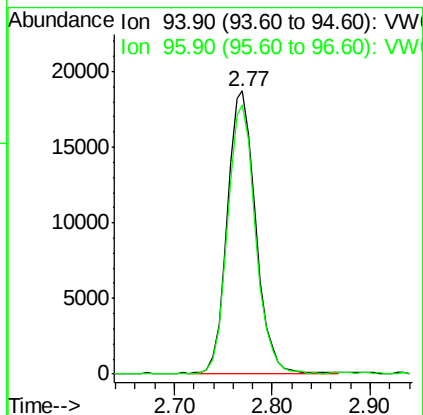
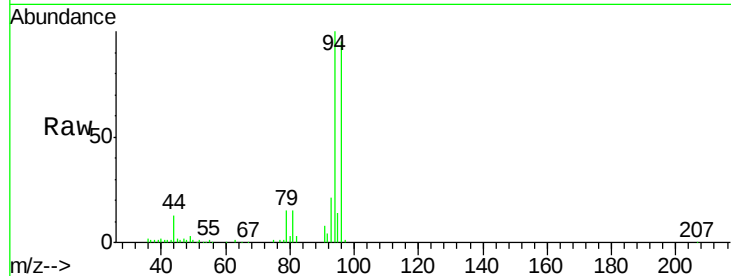
VW0624SBSD02

Tgt Ion: 94 Resp: 37785

Ion Ratio Lower Upper

94 100

96 95.0 73.8 110.6



#6

Chloroethane

Concen: 23.623 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.02 min

Lab File: VW015701.D

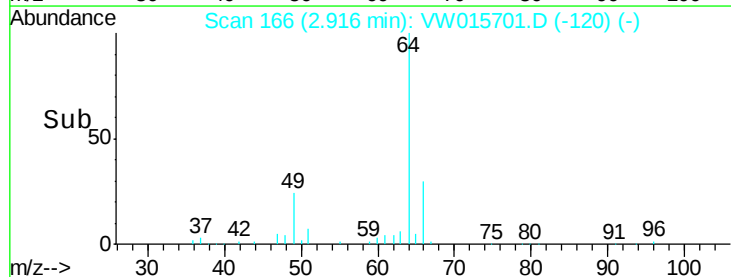
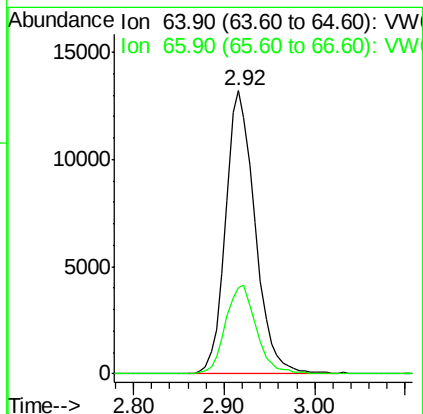
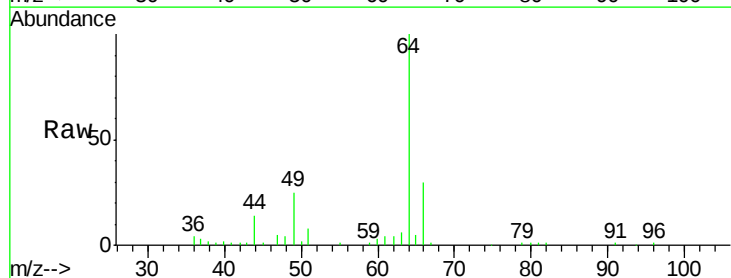
Acq: 25 Jun 2020 00:12

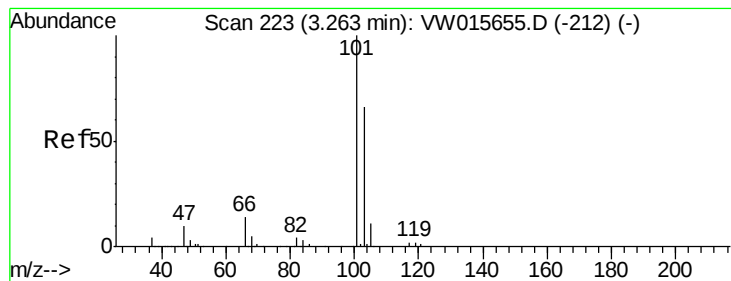
Tgt Ion: 64 Resp: 29732

Ion Ratio Lower Upper

64 100

66 30.4 25.3 37.9



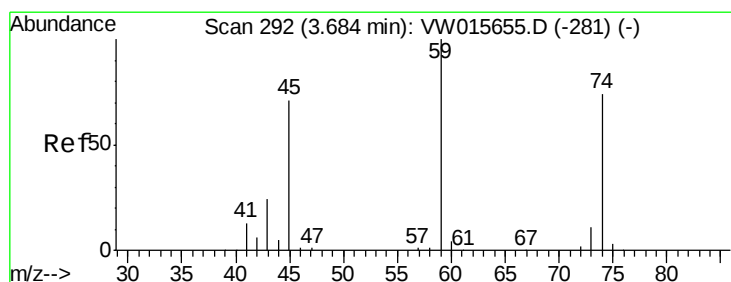
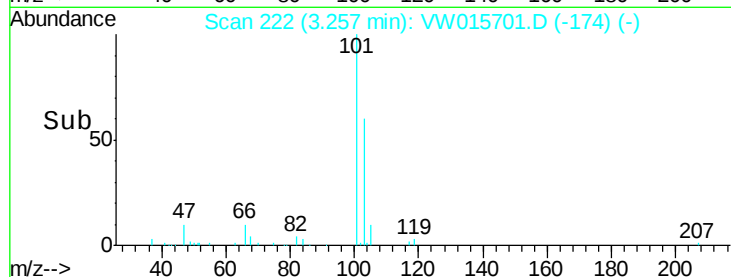
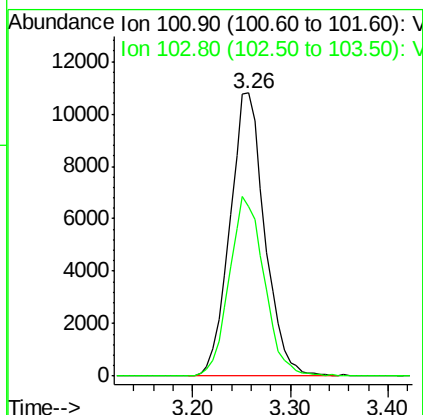
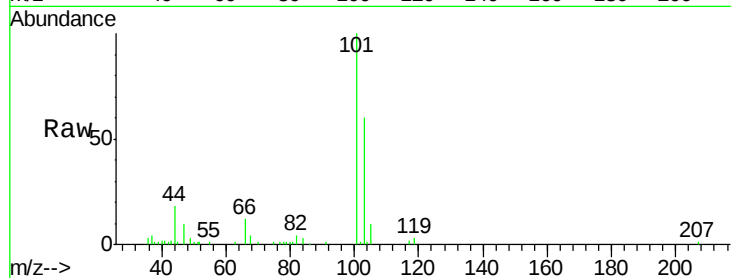


#7

Trichlorofluoromethane
 Concen: 18.578 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

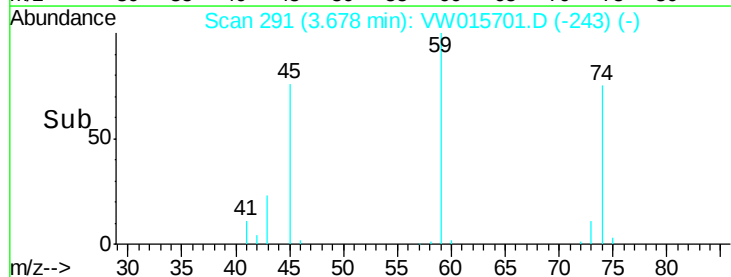
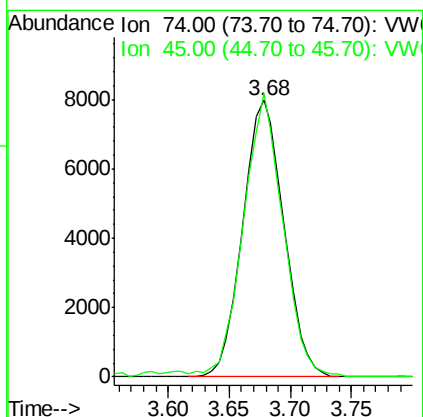
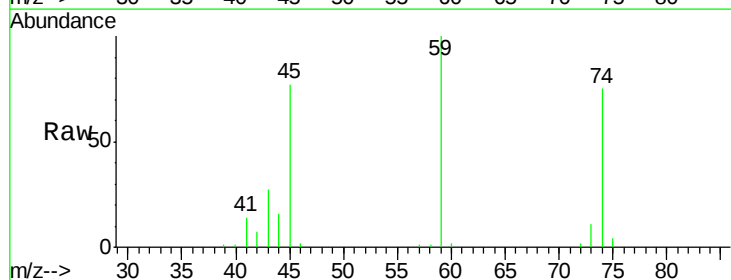
Tgt Ion:101 Resp: 26678
 Ion Ratio Lower Upper
 101 100
 103 59.8 52.6 78.8

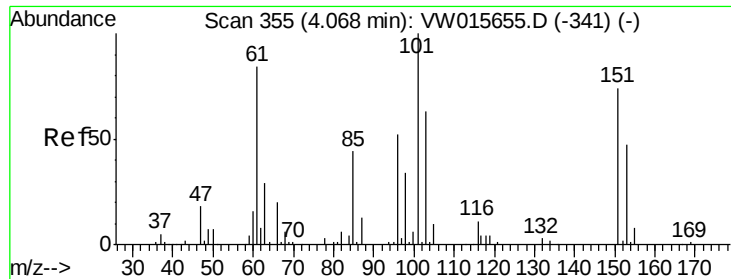


#8

Diethyl Ether
 Concen: 22.458 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 74 Resp: 18625
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.017 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

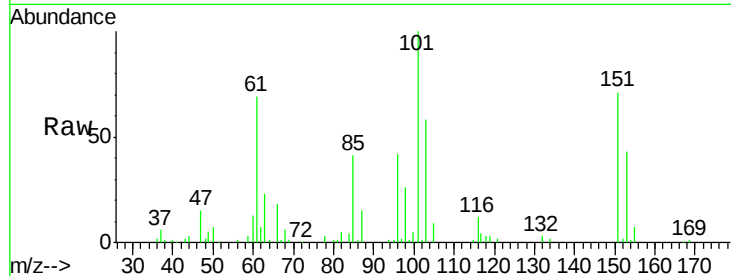
Tgt Ion:101 Resp: 38960

Ion Ratio Lower Upper

101 100

85 43.7 36.6 55.0

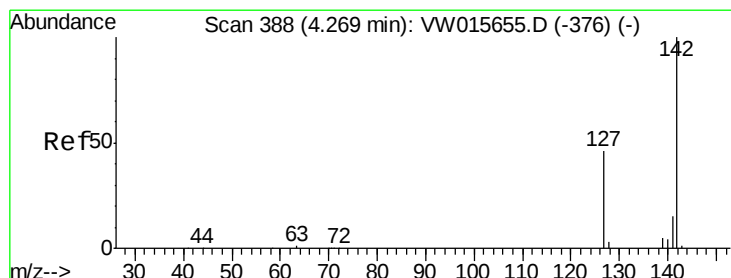
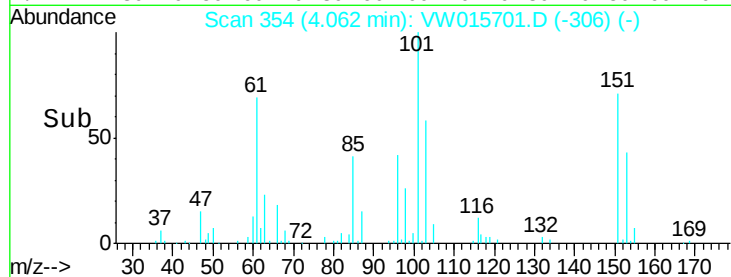
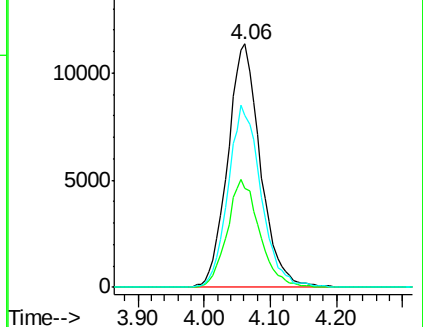
151 75.3 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.245 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

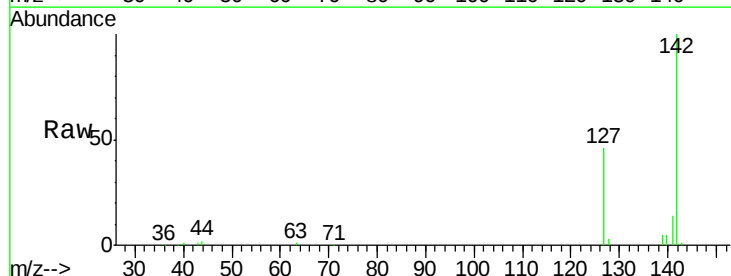
Tgt Ion:142 Resp: 50848

Ion Ratio Lower Upper

142 100

127 45.7 36.4 54.6

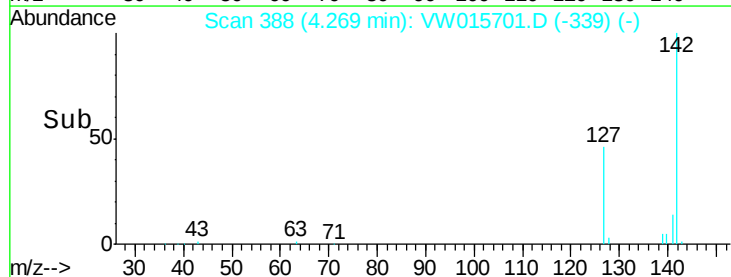
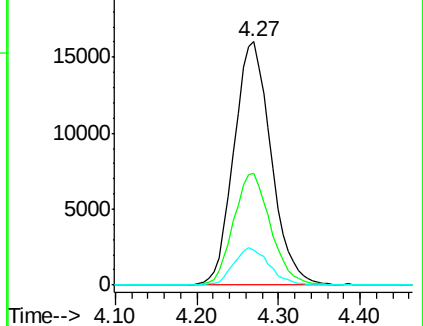
141 14.6 11.6 17.4

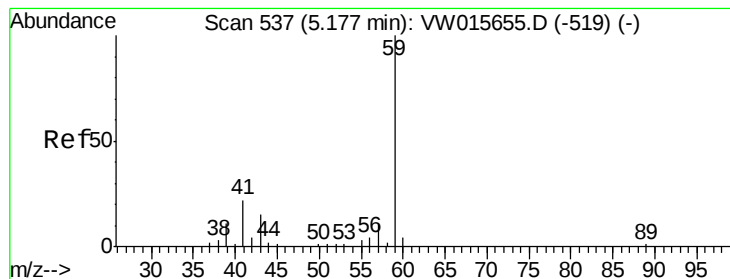


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



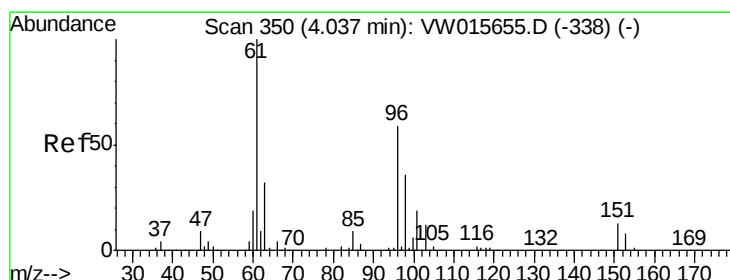
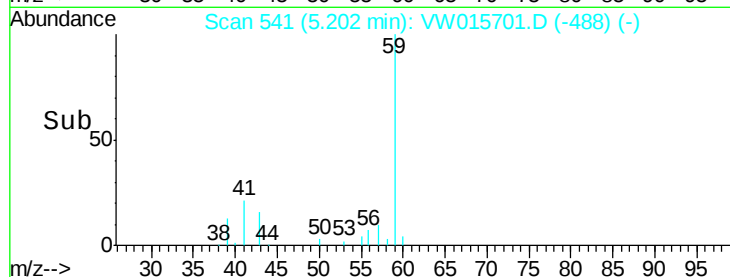
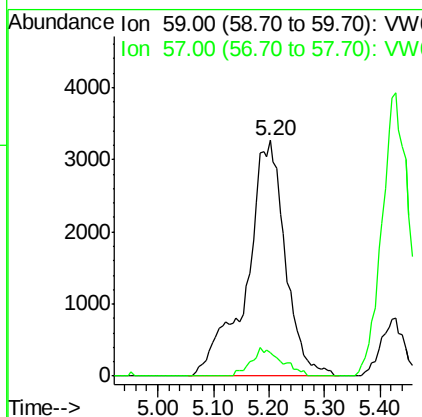
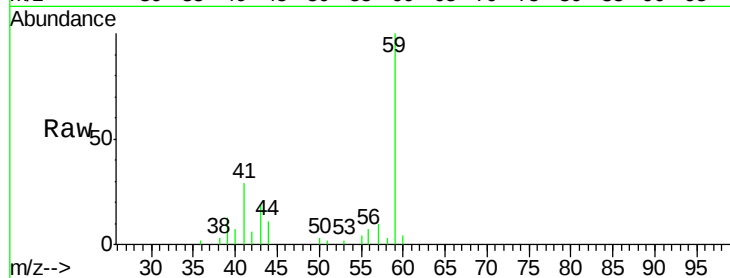


#11

Tert butyl alcohol
 Concen: 136.467 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.03 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

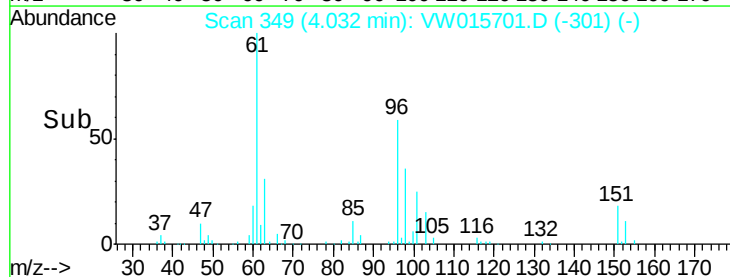
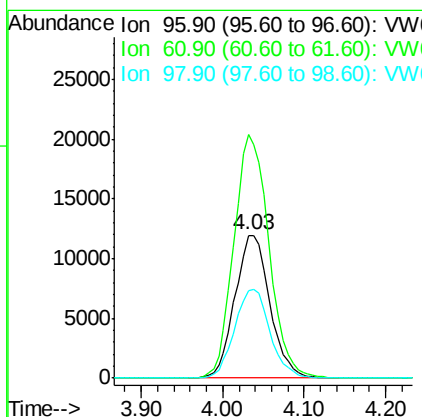
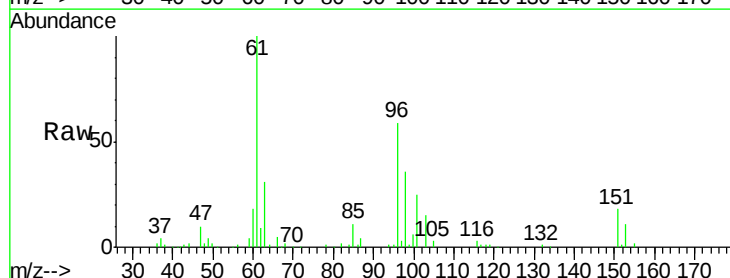
Tgt Ion: 59 Resp: 15799
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.4 12.6

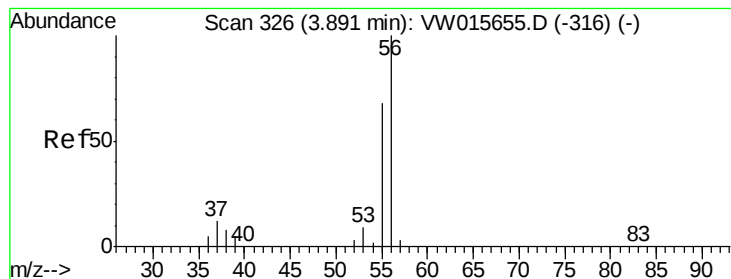


#12

1,1-Dichloroethene
 Concen: 21.558 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 96 Resp: 35531
 Ion Ratio Lower Upper
 96 100
 61 170.7 136.7 205.1
 98 61.2 49.2 73.8





#13

Acrolein

Concen: 115.334 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

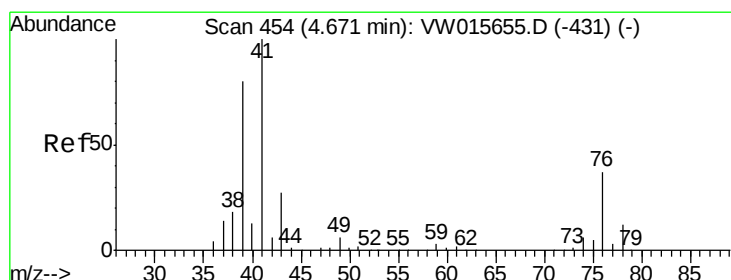
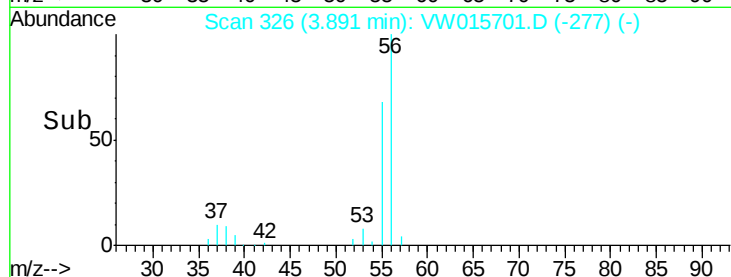
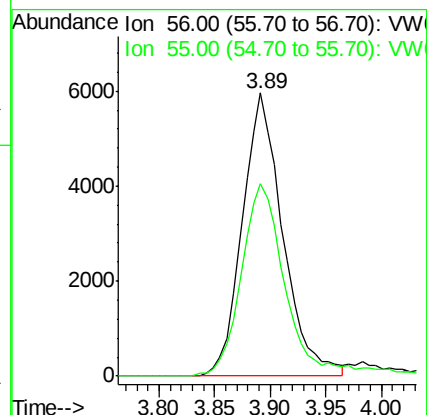
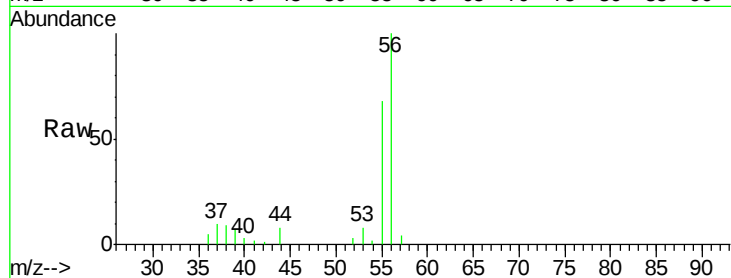
VW0624SBSD02

Tgt Ion: 56 Resp: 15062

Ion Ratio Lower Upper

56 100

55 75.0 56.2 84.2



#14

Allyl chloride

Concen: 19.251 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

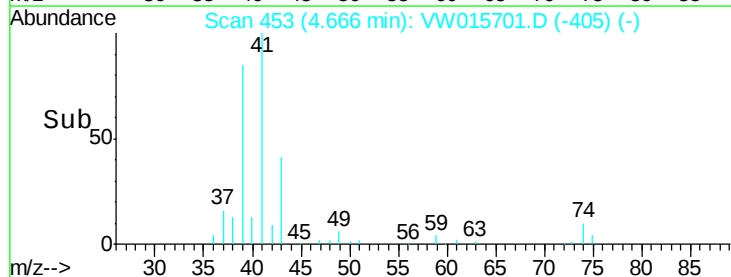
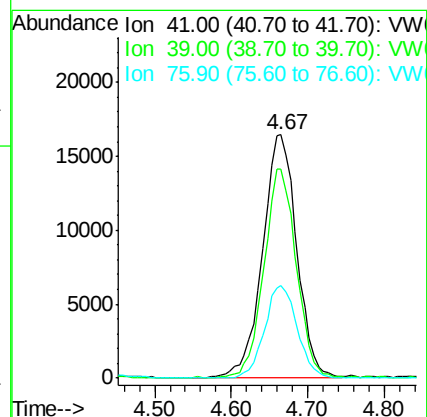
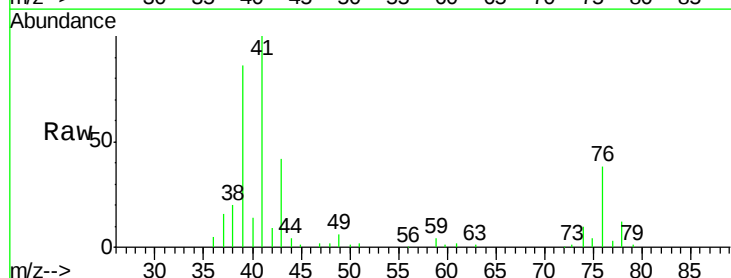
Tgt Ion: 41 Resp: 51477

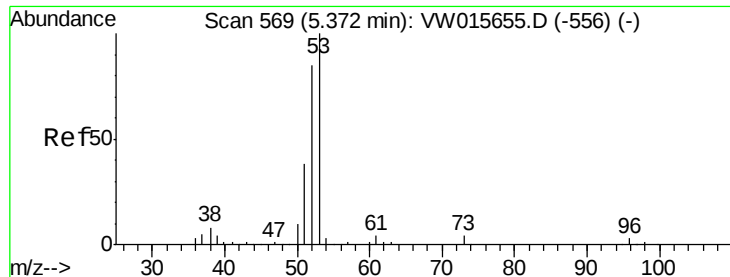
Ion Ratio Lower Upper

41 100

39 81.3 64.6 97.0

76 36.1 29.1 43.7





#15

Acrylonitrile

Concen: 135.831 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

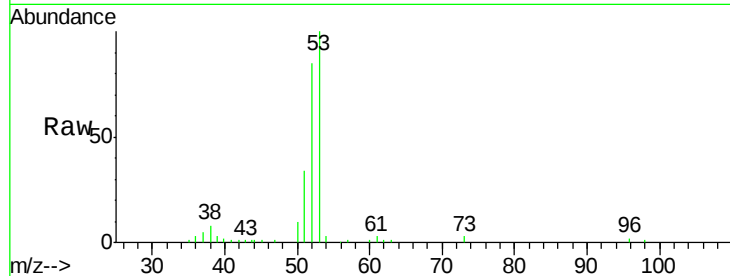
Tgt Ion: 53 Resp: 46478

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

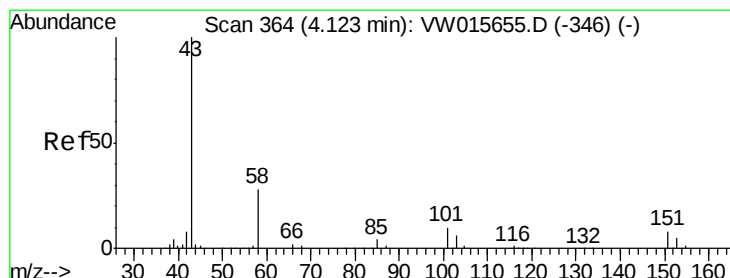
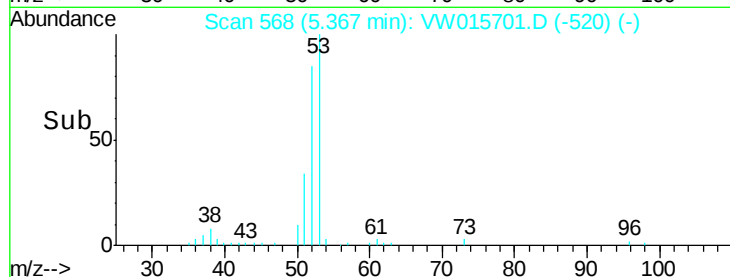
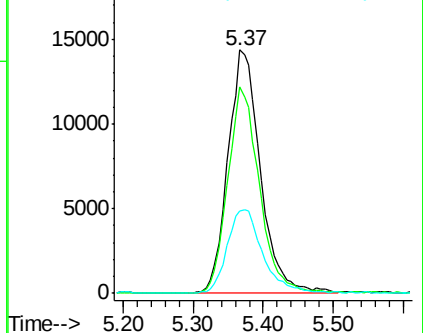
51 37.7 30.7 46.1



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: 109.613 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015701.D

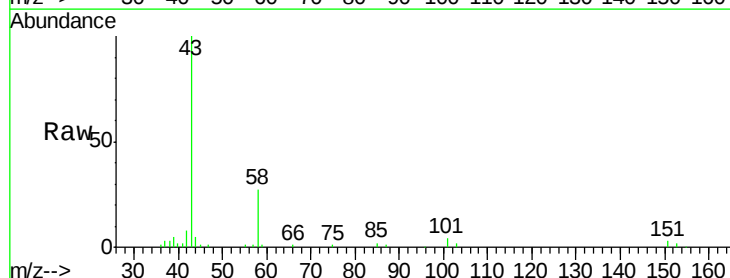
Acq: 25 Jun 2020 00:12

Tgt Ion: 43 Resp: 39174

Ion Ratio Lower Upper

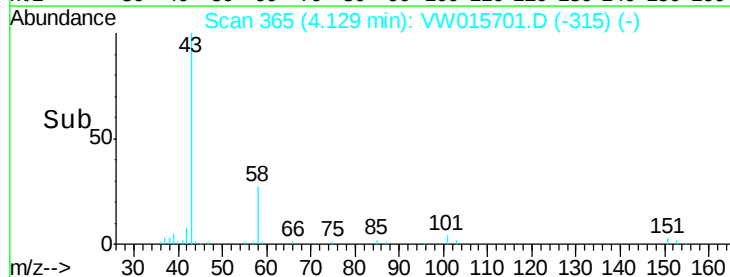
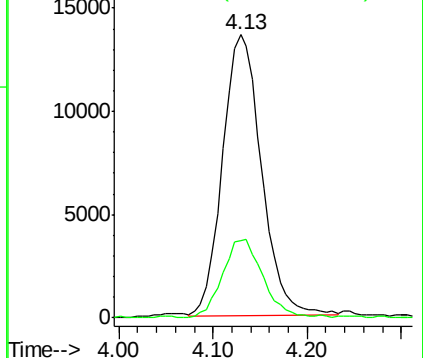
43 100

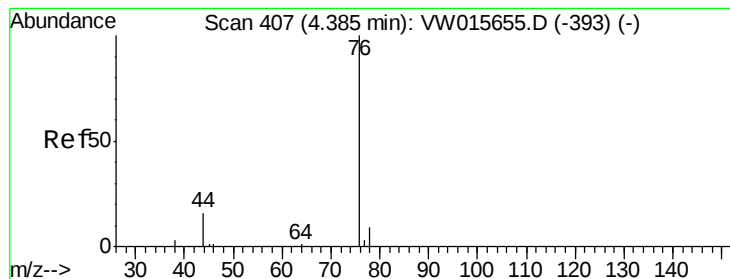
58 27.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 20.255 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

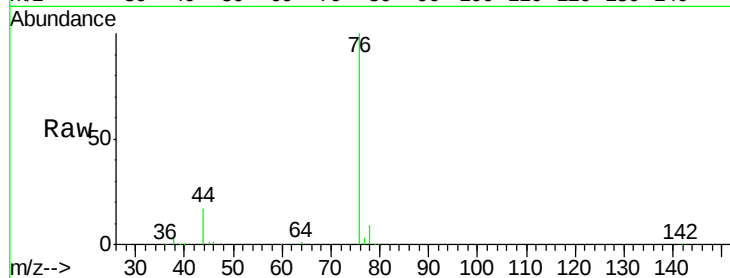
VW0624SBSD02

Tgt Ion: 76 Resp: 96085

Ion Ratio Lower Upper

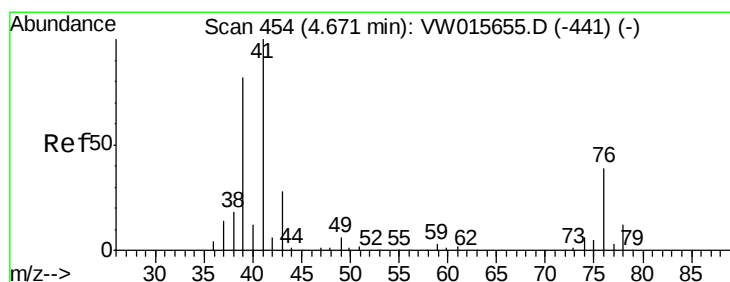
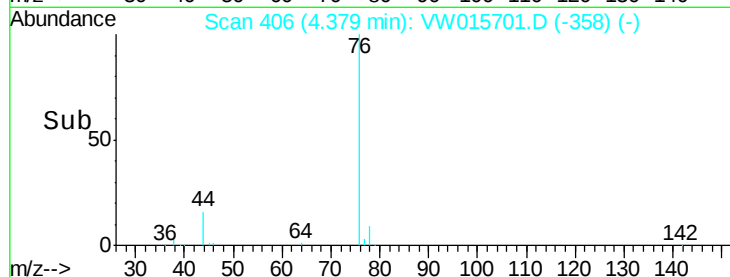
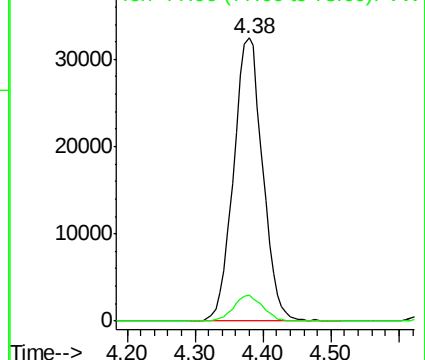
76 100

78 9.3 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: 29.864 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015701.D

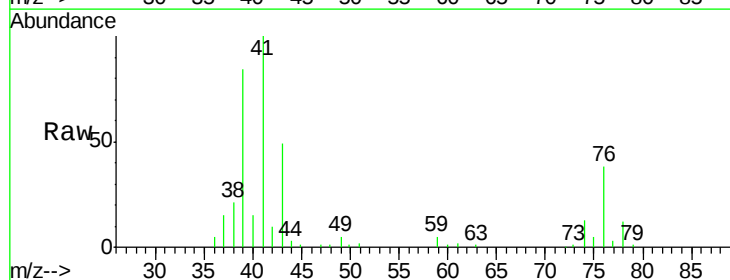
Acq: 25 Jun 2020 00:12

Tgt Ion: 43 Resp: 23462

Ion Ratio Lower Upper

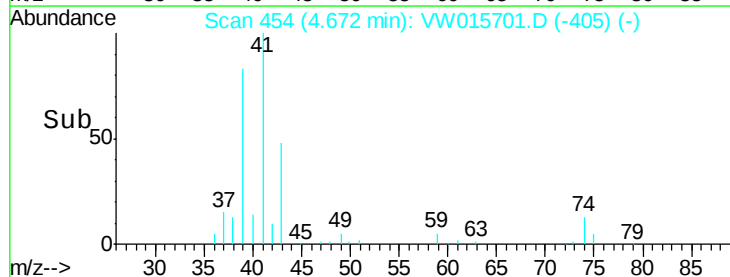
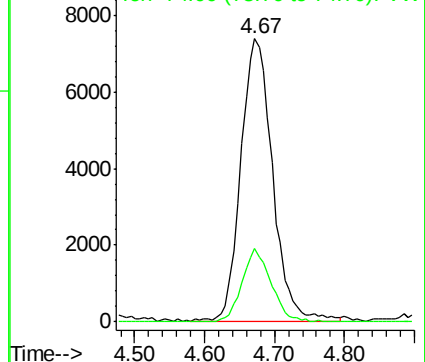
43 100

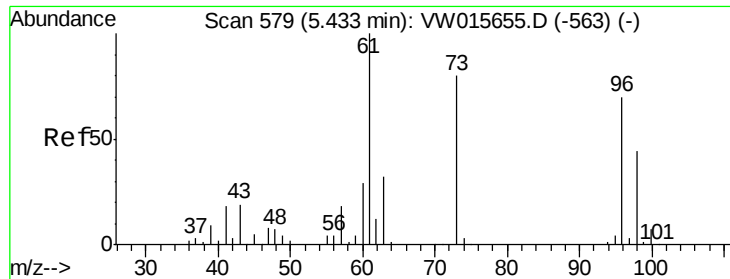
74 23.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

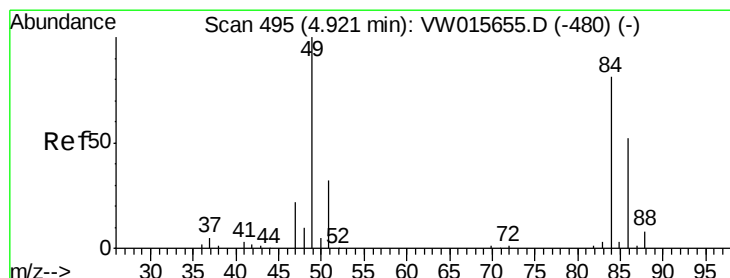
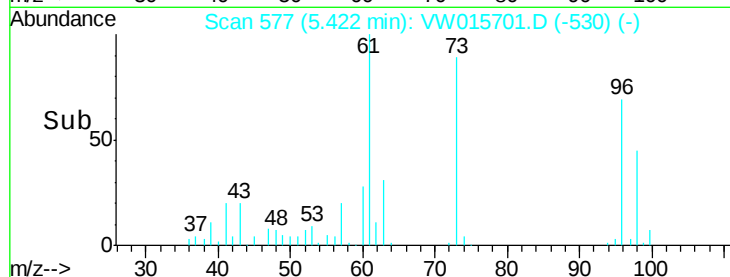
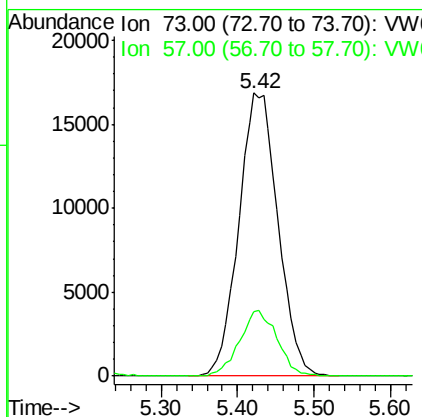
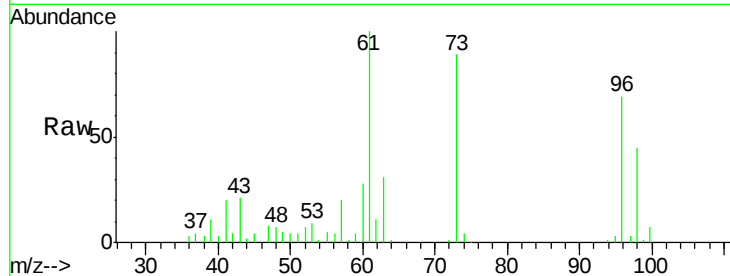




#19
Methyl tert-butyl Ether
Concen: 24.199 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

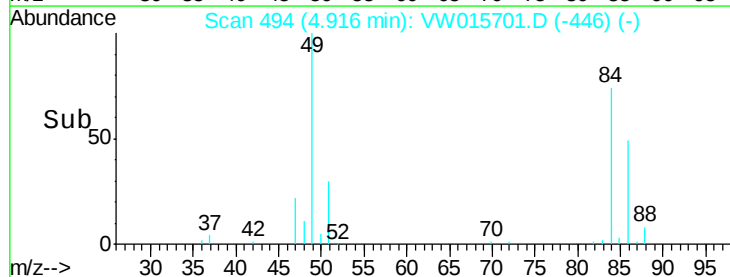
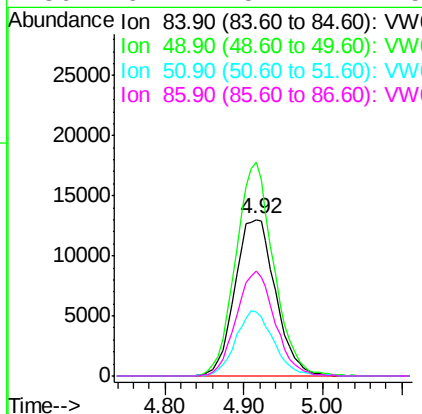
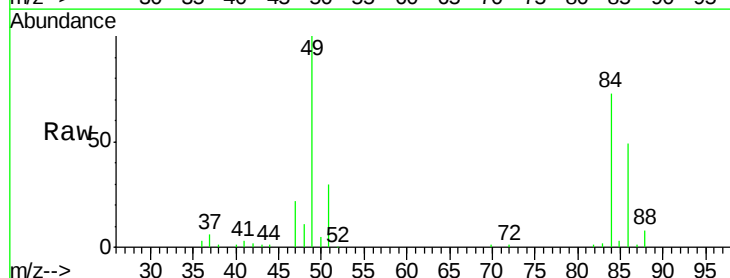
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

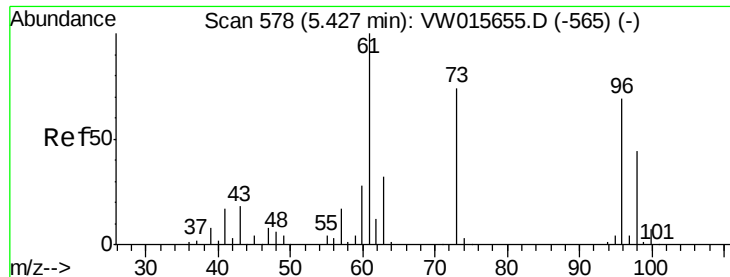
Tgt Ion: 73 Resp: 60024
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1



#20
Methylene Chloride
Concen: 24.433 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 84 Resp: 46600
Ion Ratio Lower Upper
84 100
49 136.4 99.3 148.9
51 40.6 31.8 47.6
86 67.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.070 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleID :

VW0624SBSD02

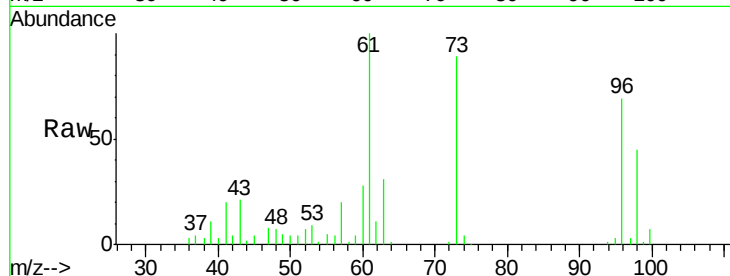
Tgt Ion: 96 Resp: 37925

Ion Ratio Lower Upper

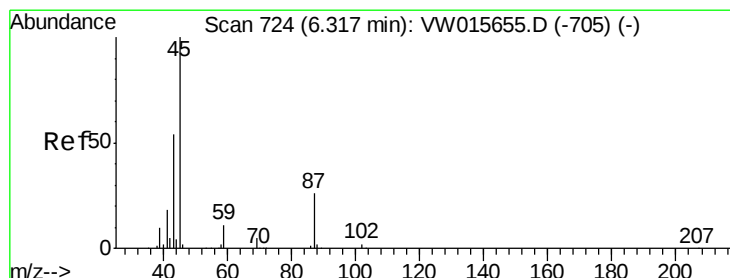
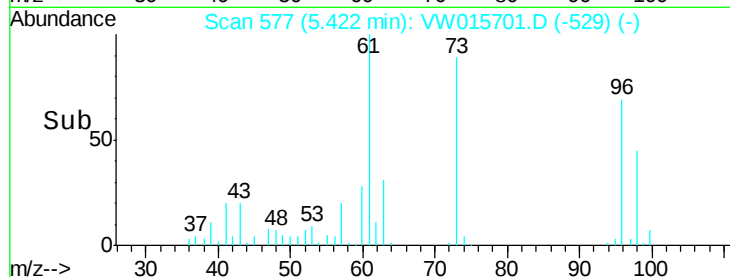
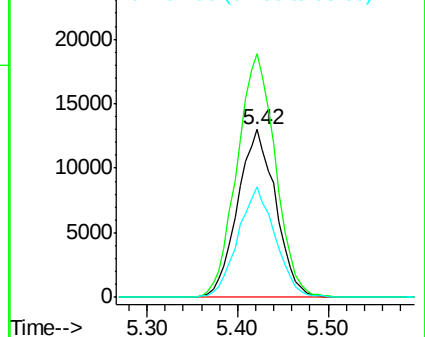
96 100

61 144.9 116.2 174.2

98 65.4 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: 23.473 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion: 45 Resp: 124837

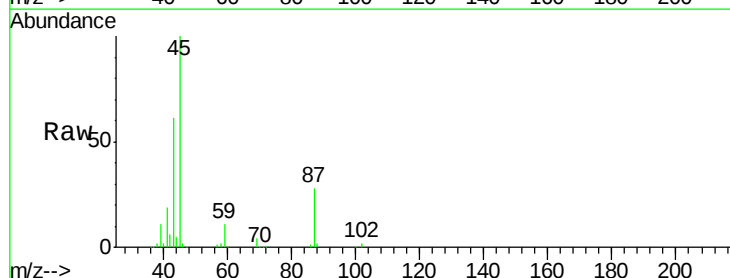
Ion Ratio Lower Upper

45 100

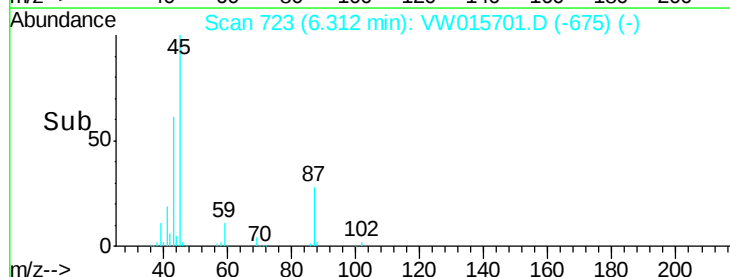
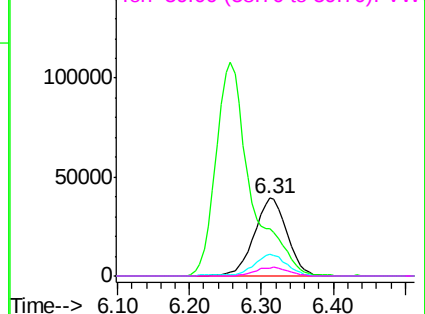
43 60.0 43.9 65.9

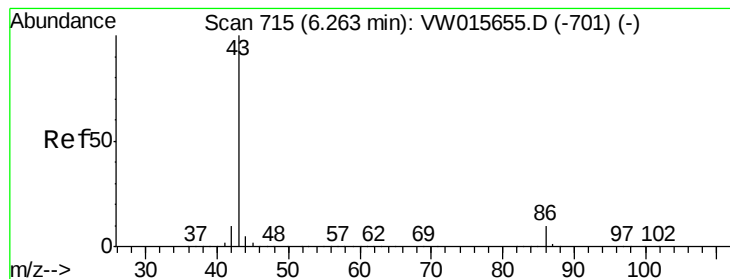
87 27.7 21.2 31.8

59 10.7 9.2 13.8



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





#23

Vinyl Acetate

Concen: 117.221 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

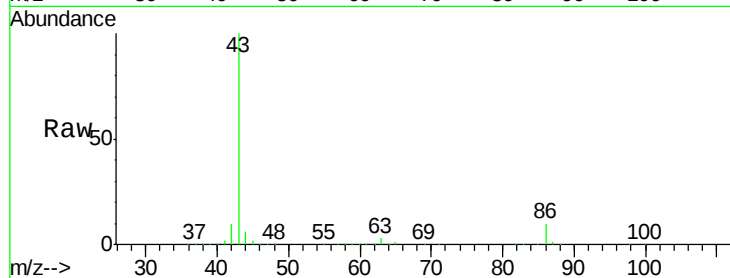
VW0624SBSD02

Tgt Ion: 43 Resp: 363549

Ion Ratio Lower Upper

43 100

86 10.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

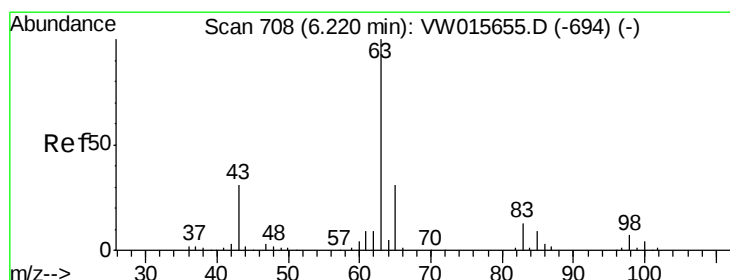
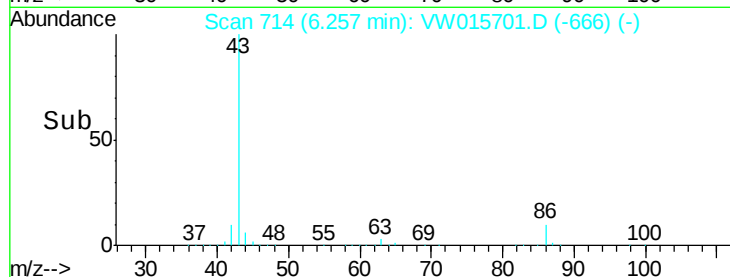
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.209 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

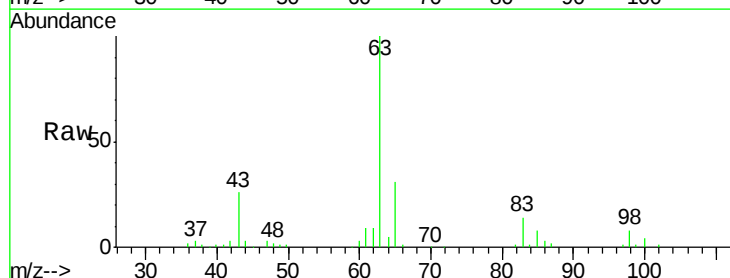
Tgt Ion: 63 Resp: 71001

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

30000

25000

20000

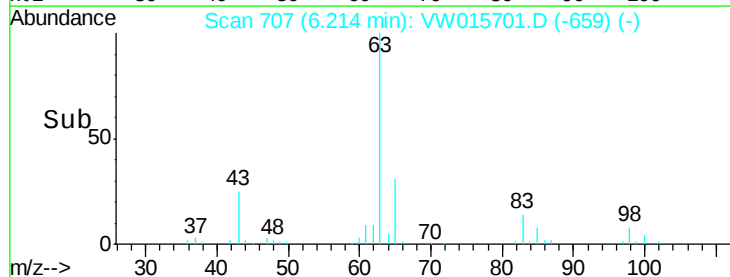
15000

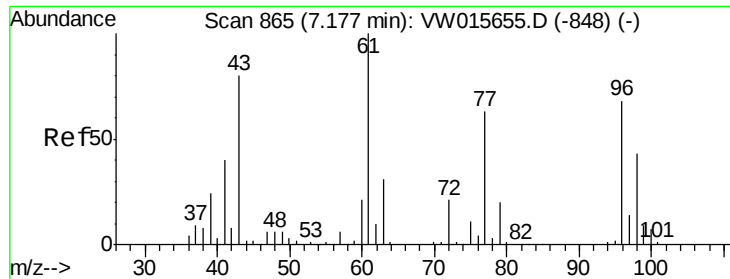
10000

5000

0

Time-->

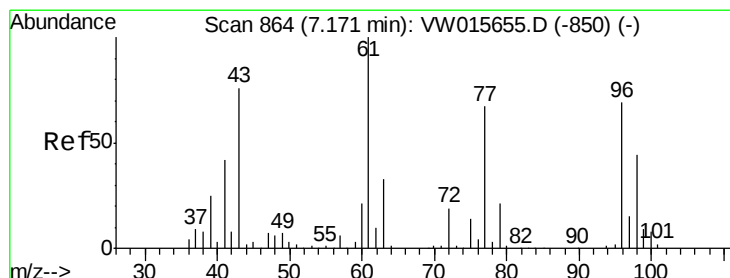
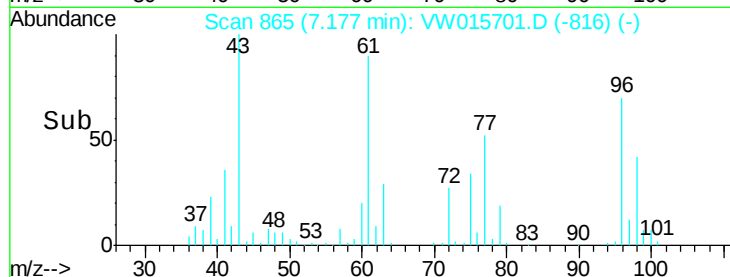
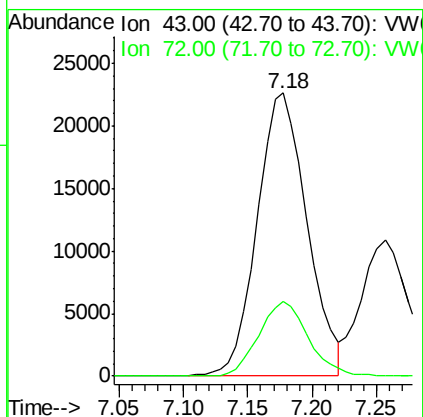
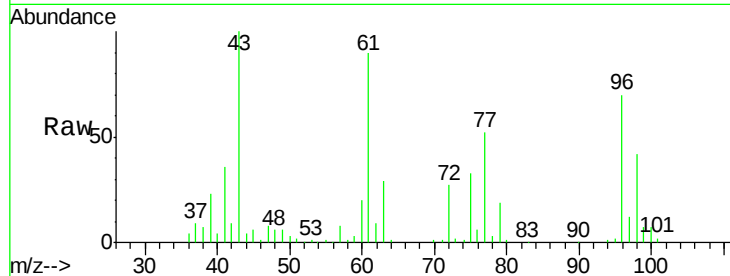




#25
2-Butanone
Concen: 126.081 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

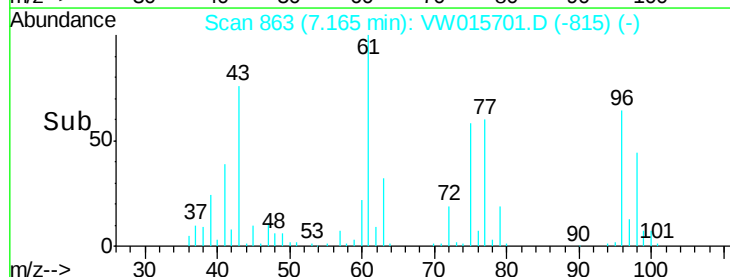
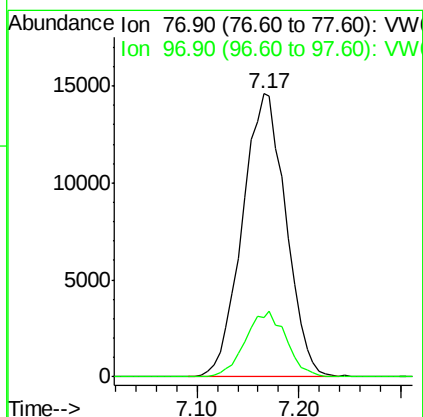
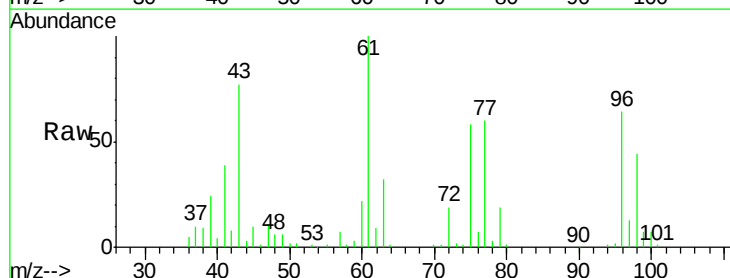
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

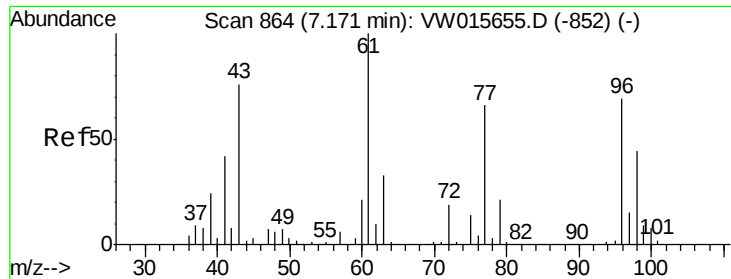
Tgt Ion: 43 Resp: 60899
Ion Ratio Lower Upper
43 100
72 26.6 21.1 31.7



#26
2,2-Dichloropropane
Concen: 19.296 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 77 Resp: 43327
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.5

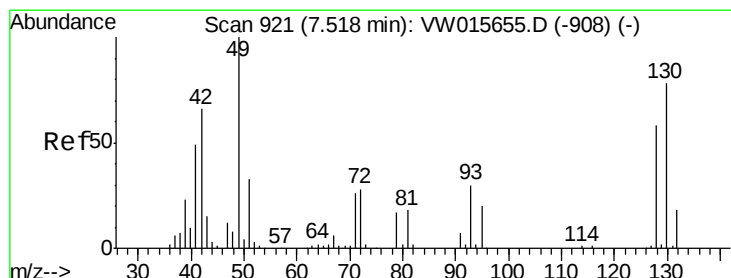
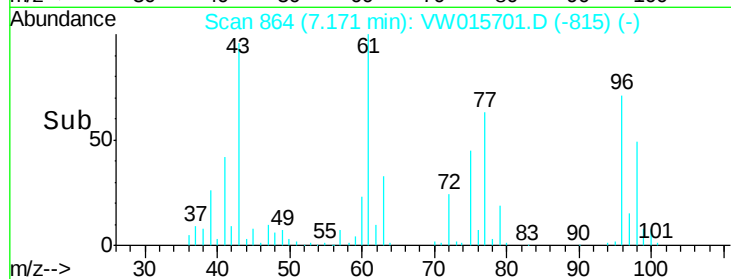
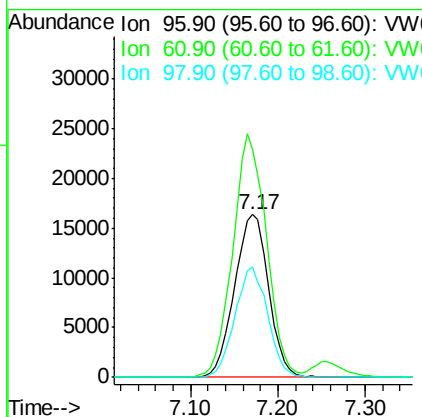
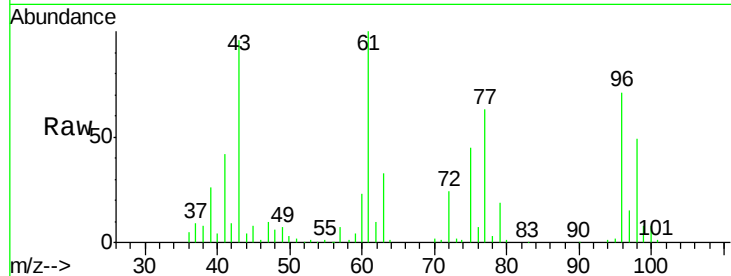




#27
 cis-1,2-Dichloroethene
 Concen: 21.719 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

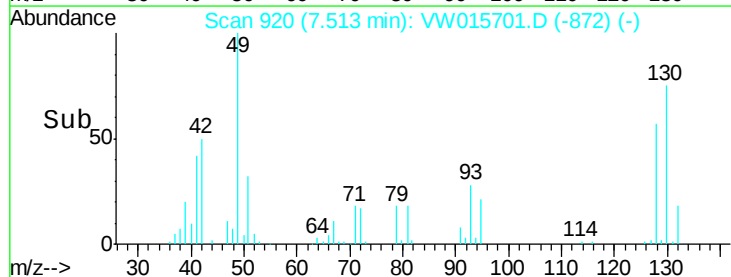
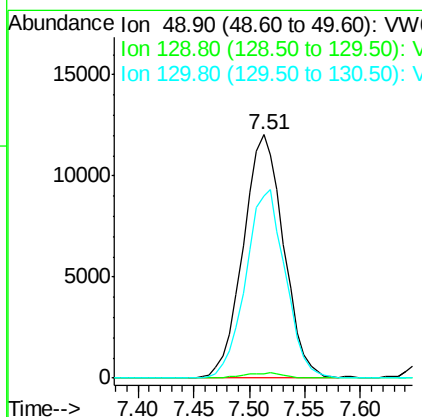
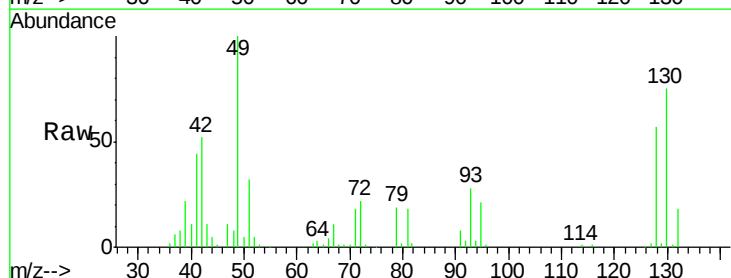
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tgt Ion: 96 Resp: 44150
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 296.8
 98 65.3 0.0 128.0



#28
 Bromochloromethane
 Concen: 23.572 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 49 Resp: 30355
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 75.9 61.0 91.4

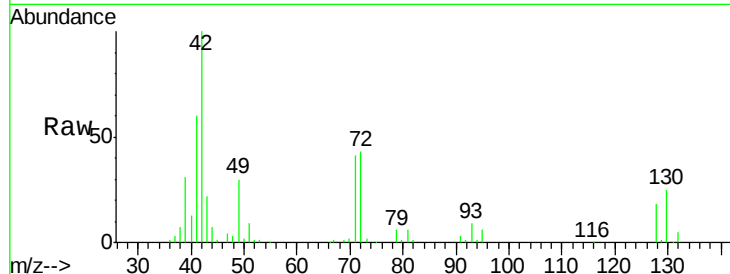




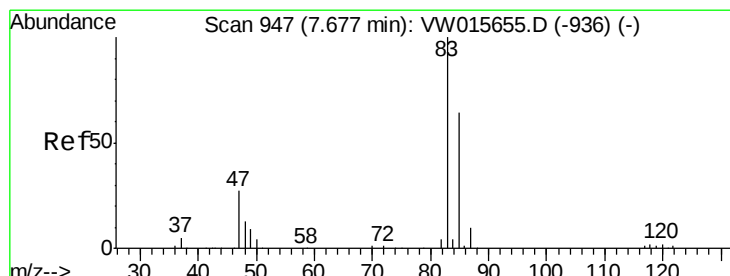
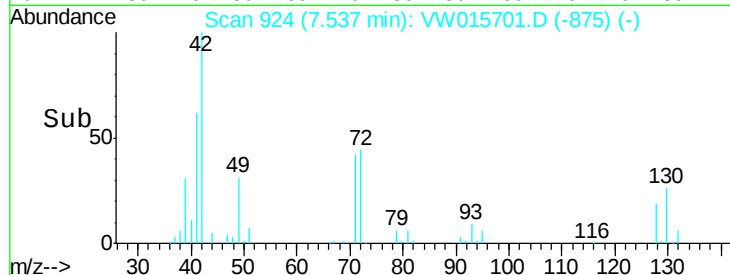
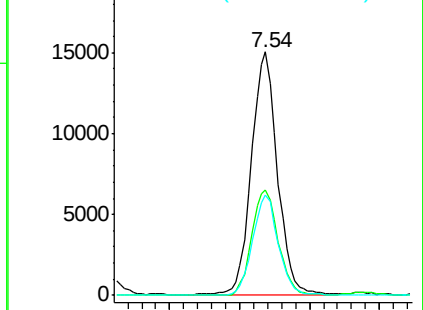
#29
Tetrahydrofuran
Concen: 138.258 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tgt Ion: 42 Resp: 39243
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.6
71 40.2 32.6 49.0

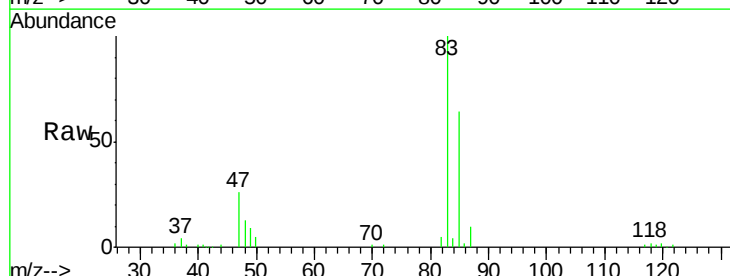


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

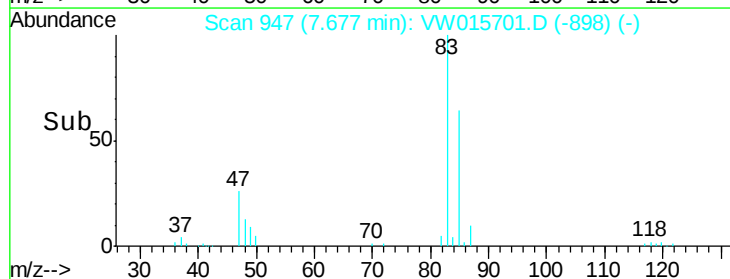
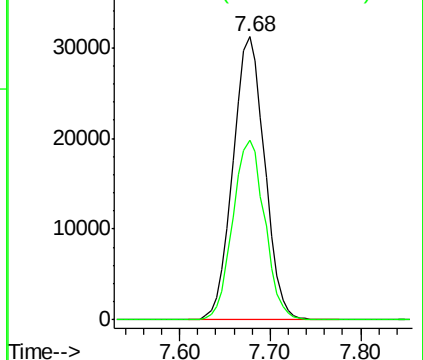


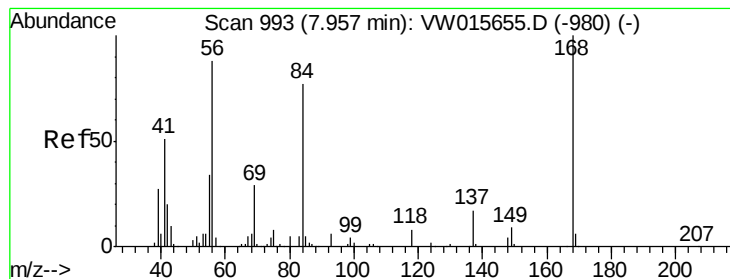
#30
Chloroform
Concen: 22.053 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 83 Resp: 75714
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.525 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

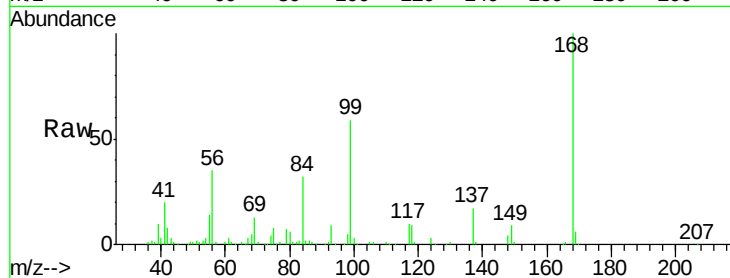
Tgt Ion: 56 Resp: 66468

Ion Ratio Lower Upper

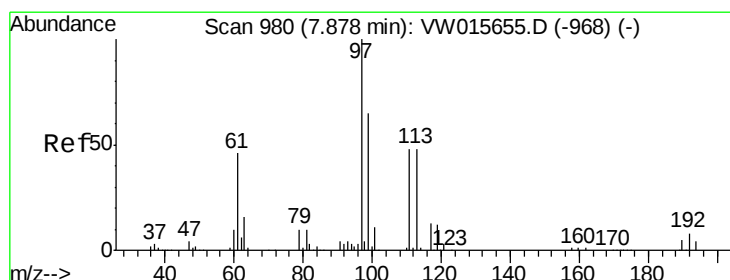
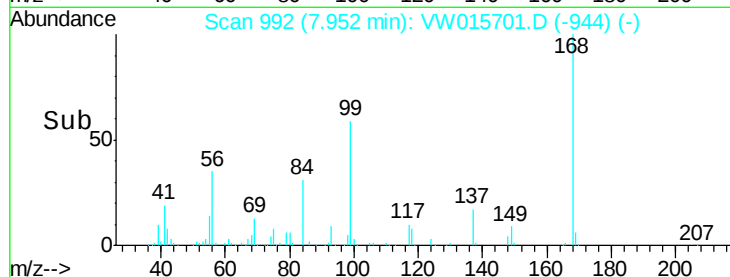
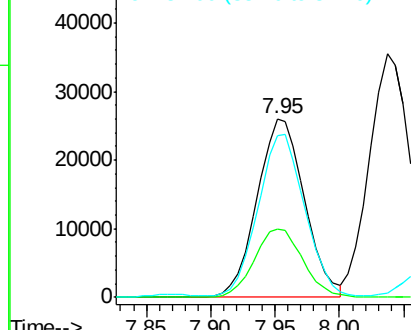
56 100

69 38.5 26.2 39.4

84 89.6 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: 21.560 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

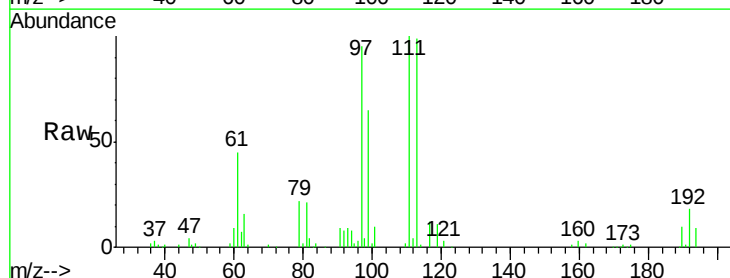
Tgt Ion: 97 Resp: 63097

Ion Ratio Lower Upper

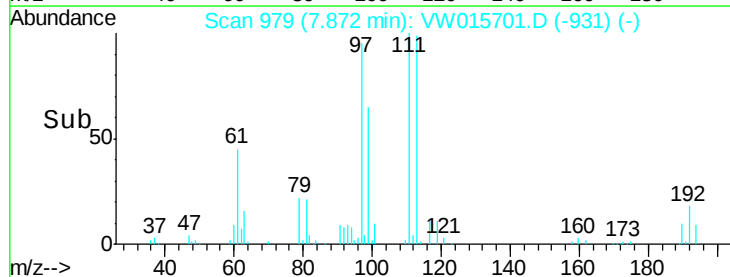
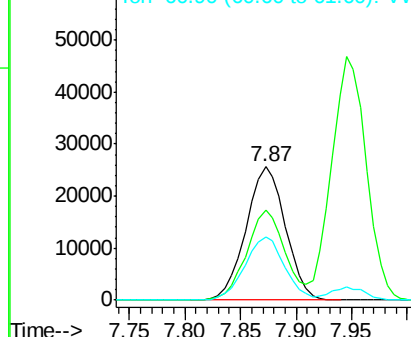
97 100

99 66.0 51.9 77.9

61 47.4 37.3 55.9



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

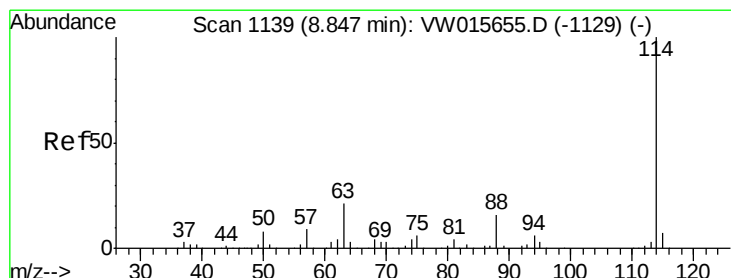
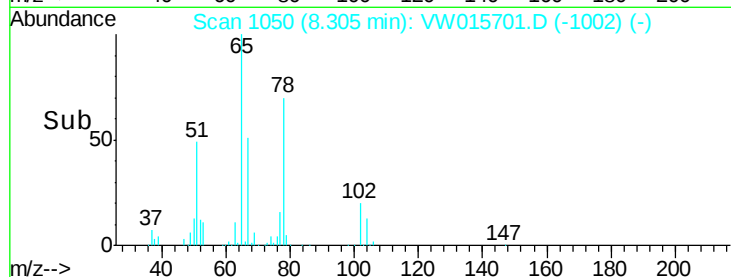
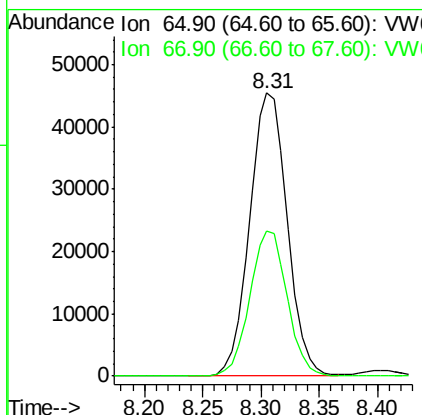
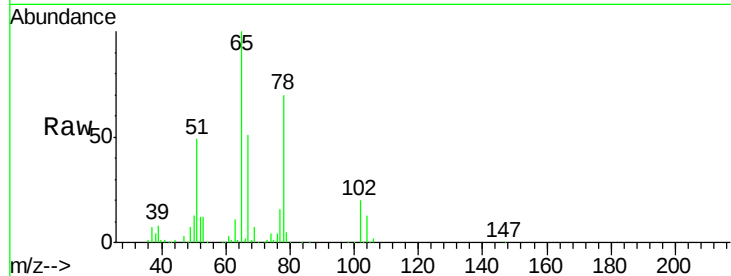




#33
 1,2-Dichloroethane-d4
 Concen: 54.427 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

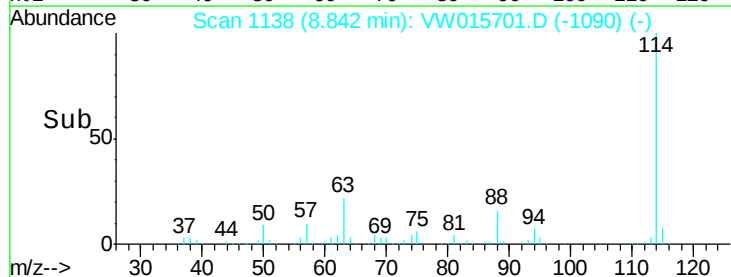
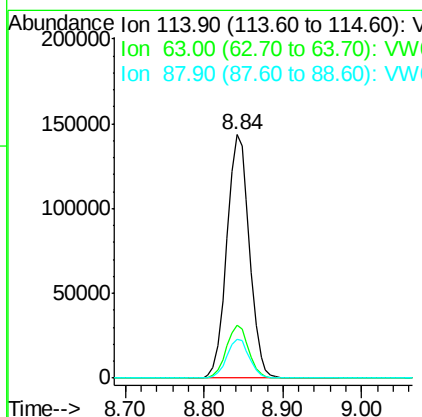
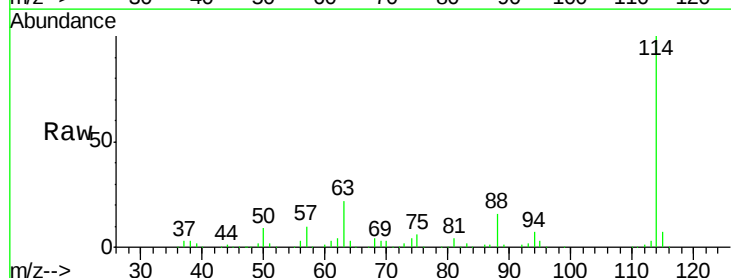
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

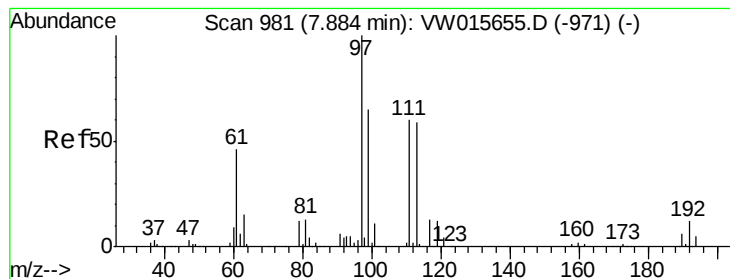
Tgt Ion: 65 Resp: 102319
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 114 Resp: 284801
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.4
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.989 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

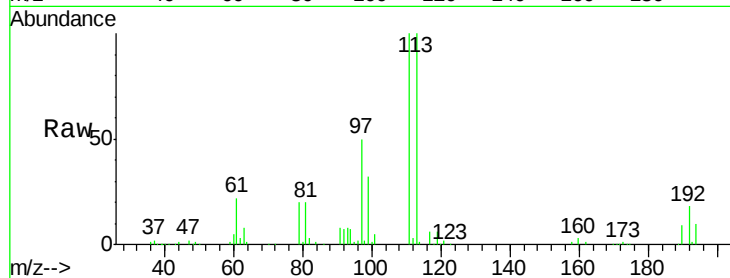
Tgt Ion:113 Resp: 89555

Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

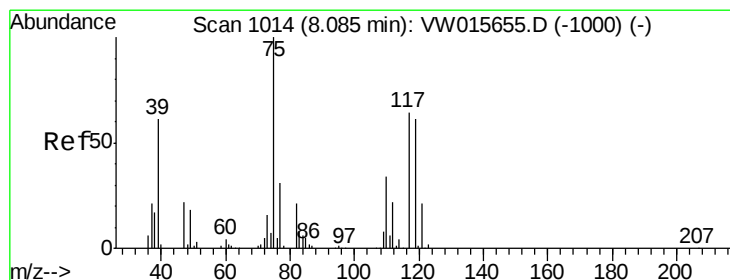
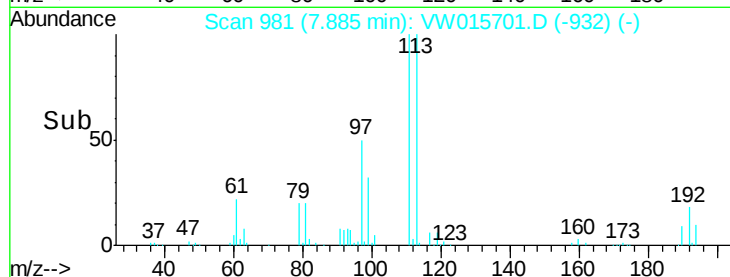
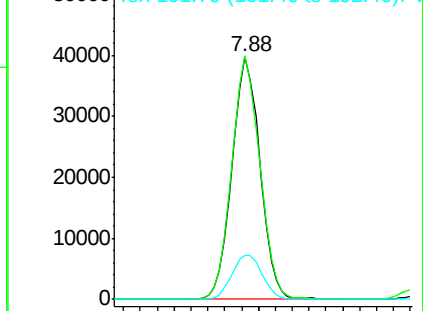
192 19.6 16.4 24.6



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: 19.267 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

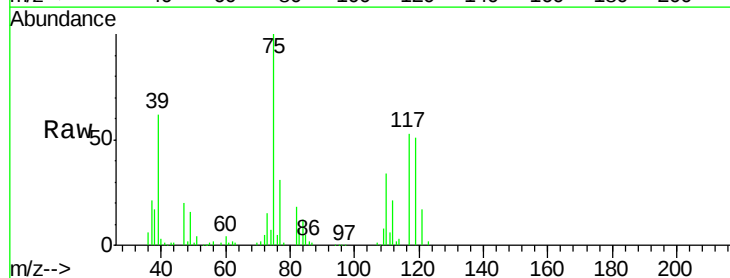
Tgt Ion: 75 Resp: 57072

Ion Ratio Lower Upper

75 100

110 34.1 17.0 51.0

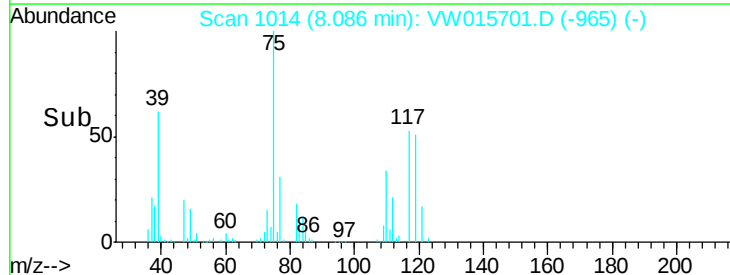
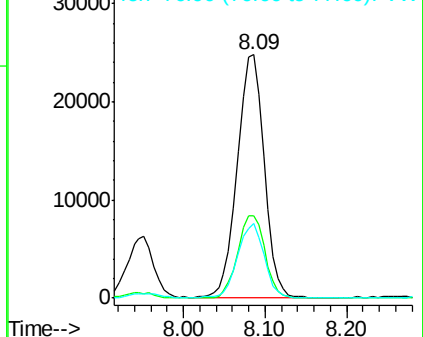
77 30.2 24.6 36.8

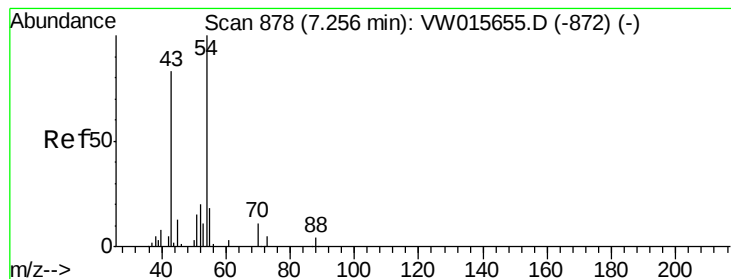


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 25.057 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

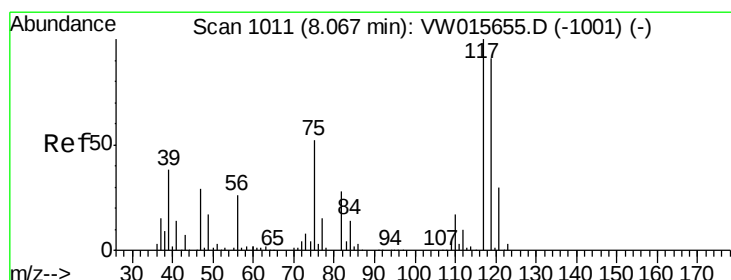
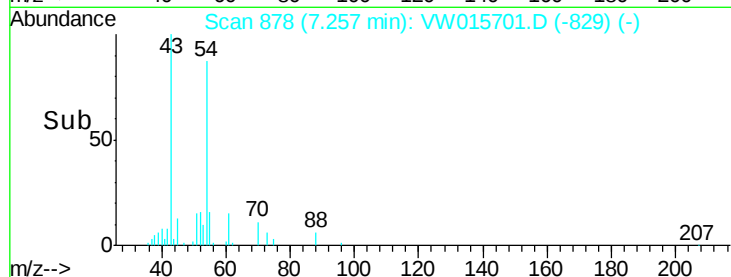
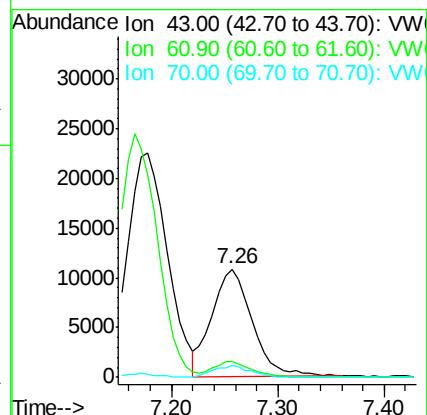
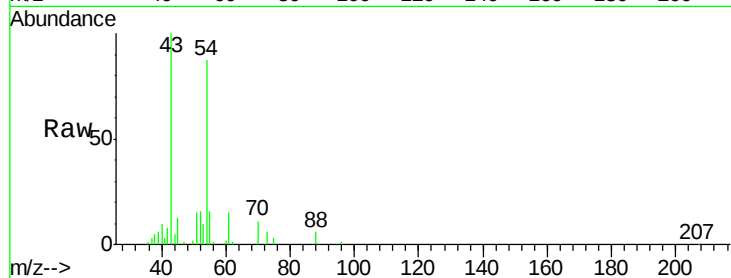
Tgt Ion: 43 Resp: 28340

Ion Ratio Lower Upper

43 100

61 14.0 10.4 15.6

70 10.0 8.4 12.6



#38

Carbon Tetrachloride

Concen: 19.928 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

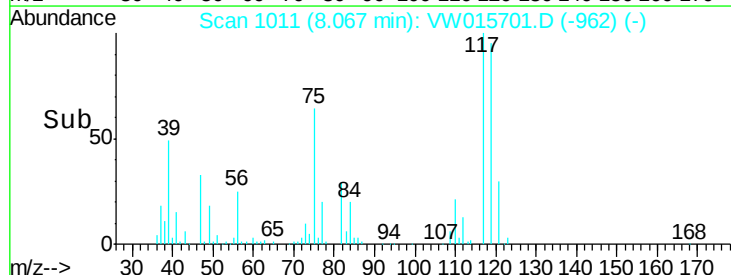
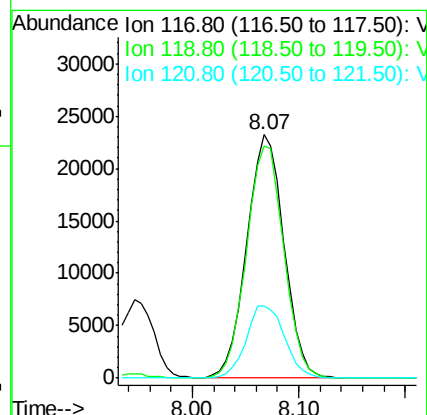
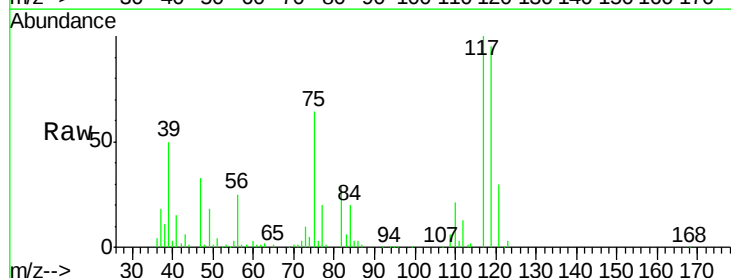
Tgt Ion: 117 Resp: 57222

Ion Ratio Lower Upper

117 100

119 95.1 73.2 109.8

121 29.9 23.9 35.9

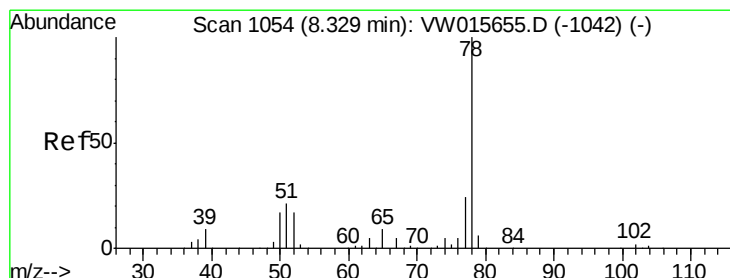
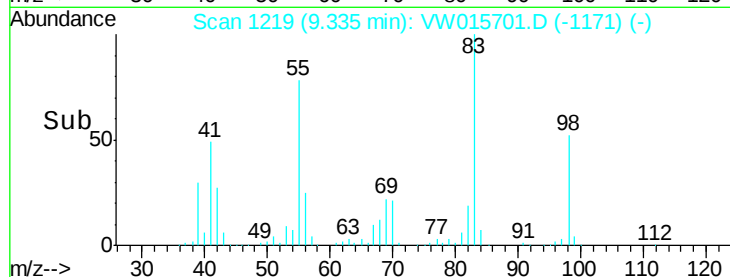
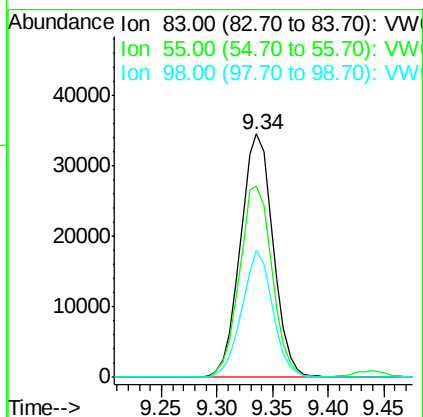
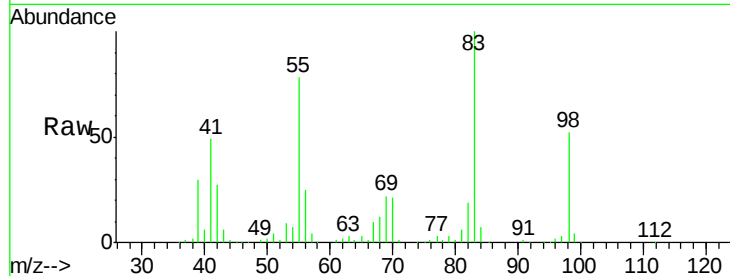




#39
Methylcyclohexane
Concen: 19.625 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

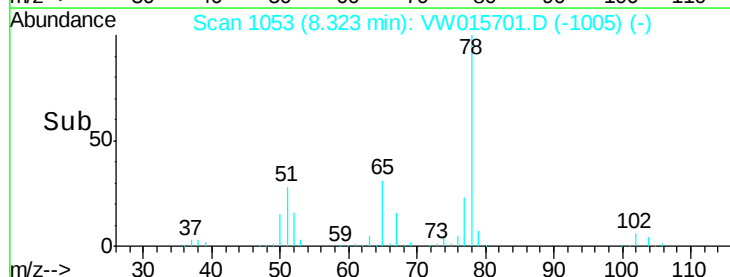
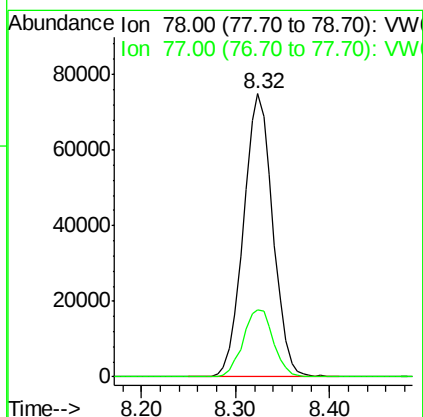
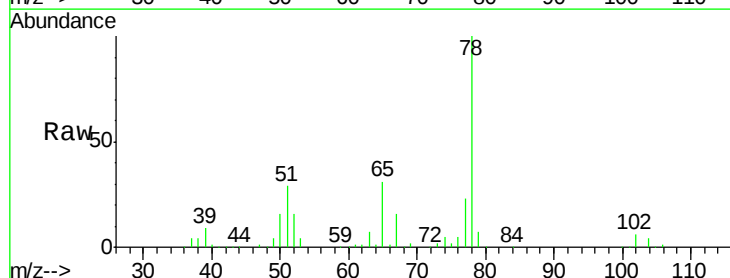
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

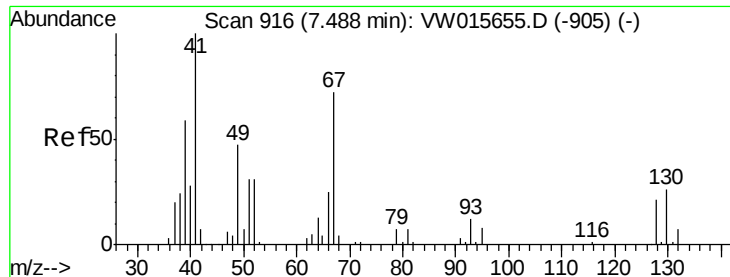
Tgt Ion: 83 Resp: 70411
Ion Ratio Lower Upper
83 100
55 78.5 62.8 94.2
98 52.2 39.9 59.9



#40
Benzene
Concen: 20.259 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 78 Resp: 163173
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

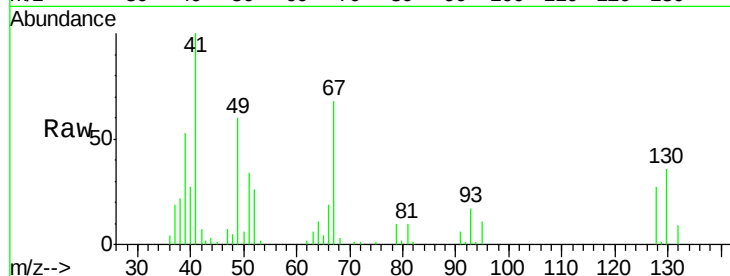




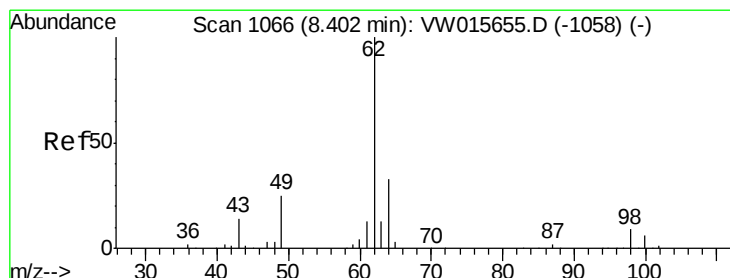
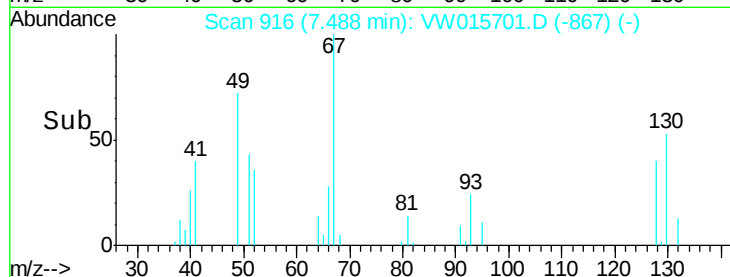
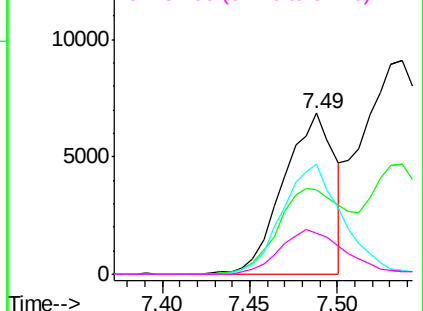
#41
Methacrylonitrile
Concen: 21.627 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tgt Ion:	41	Resp:	14039
Ion	Ratio	Lower	Upper
41	100		
39	73.9	52.0	78.0
67	80.6	57.5	86.3
52	35.5	26.5	39.7

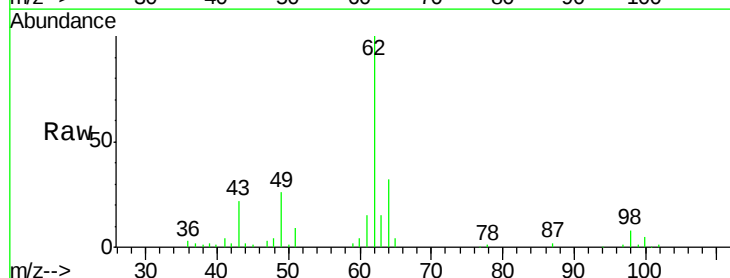


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

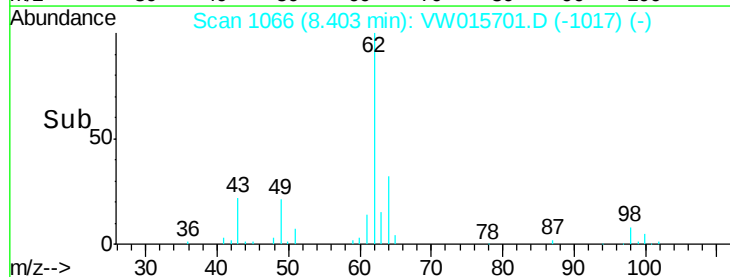
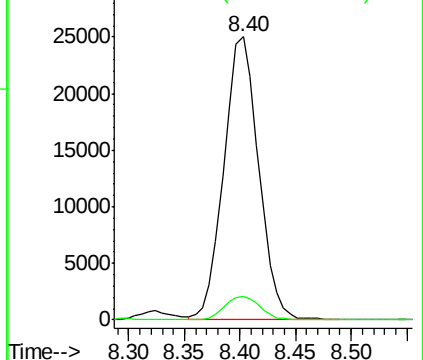


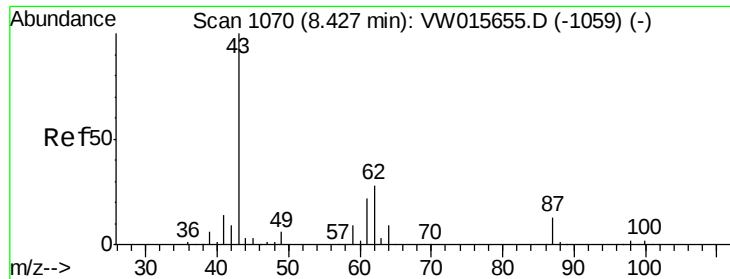
#42
1,2-Dichloroethane
Concen: 21.760 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion:	62	Resp:	54222
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4



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





#43

Isopropyl Acetate

Concen: 23.941 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

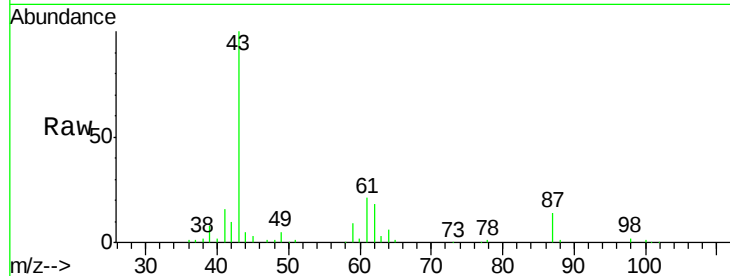
Tgt Ion: 43 Resp: 54037

Ion Ratio Lower Upper

43 100

61 30.2 24.7 37.1

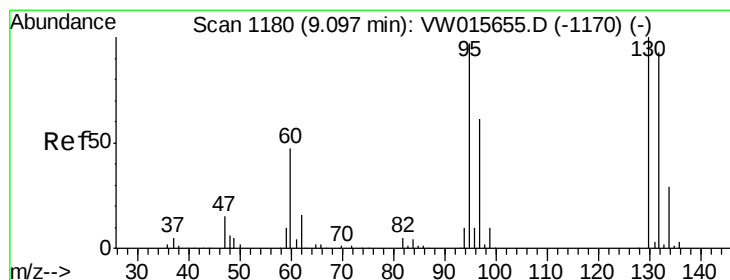
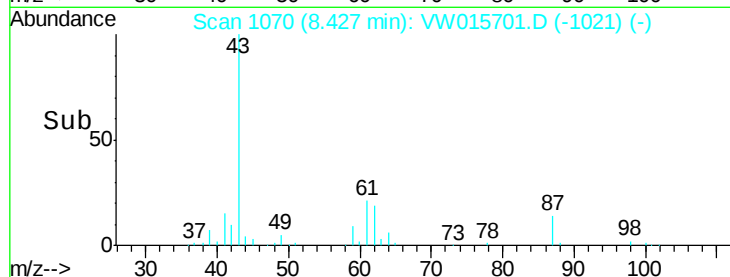
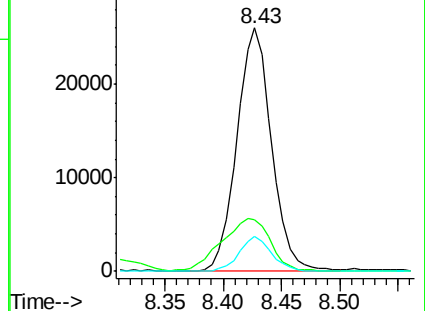
87 13.3 10.2 15.2



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: 19.816 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015701.D

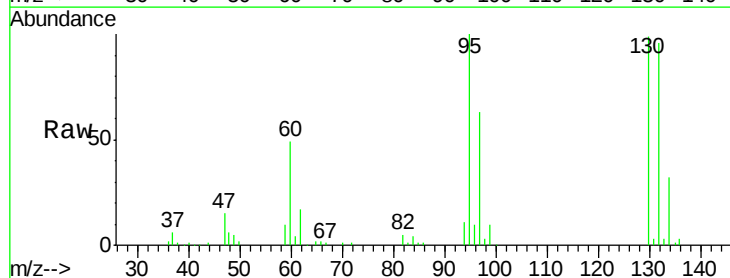
Acq: 25 Jun 2020 00:12

Tgt Ion: 130 Resp: 43020

Ion Ratio Lower Upper

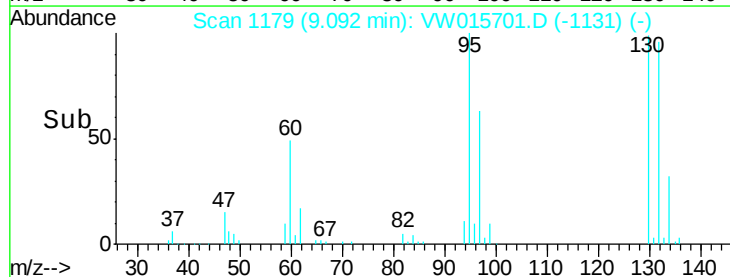
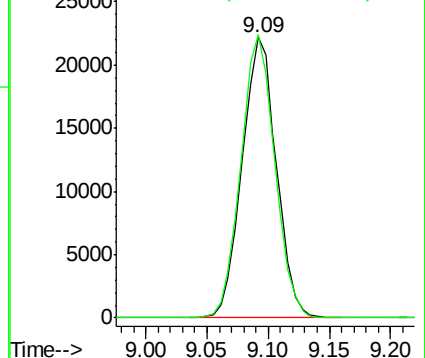
130 100

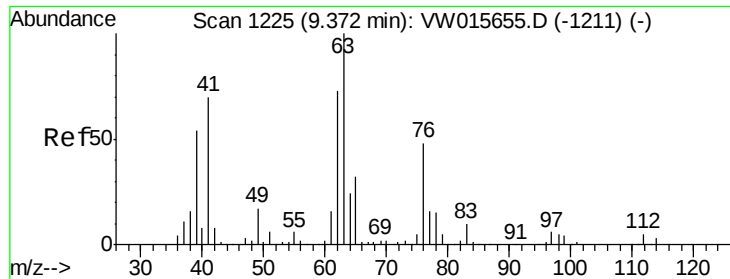
95 101.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

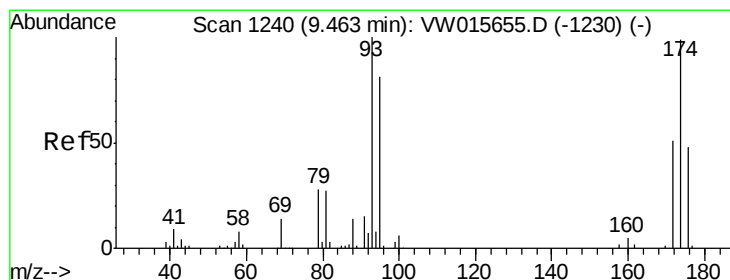
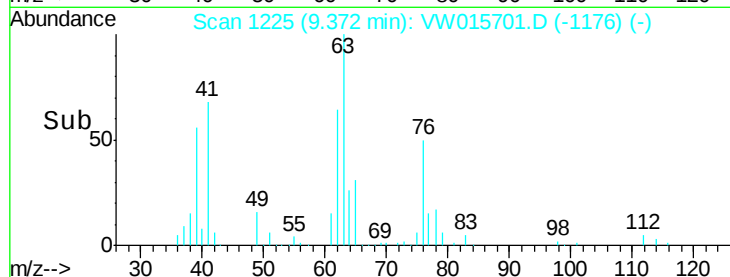
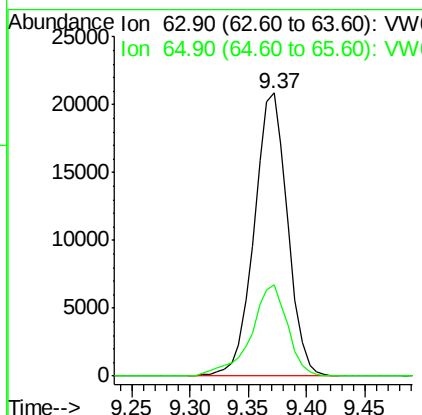
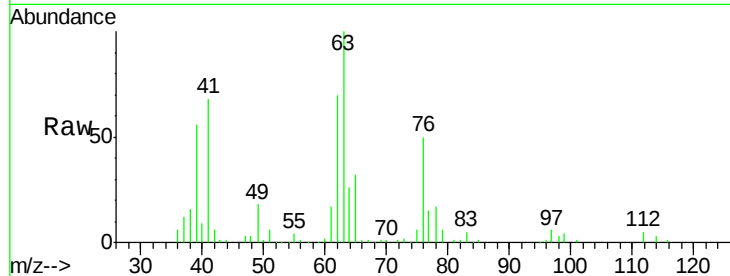




#45
 1,2-Dichloropropane
 Concen: 21.179 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

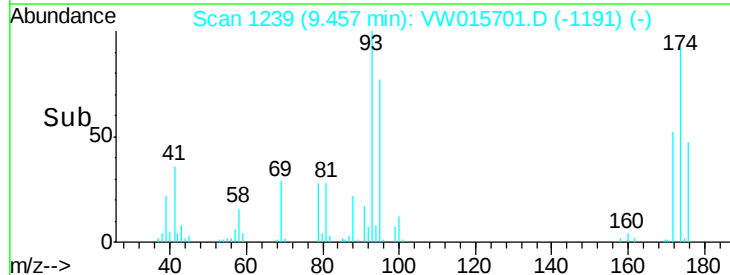
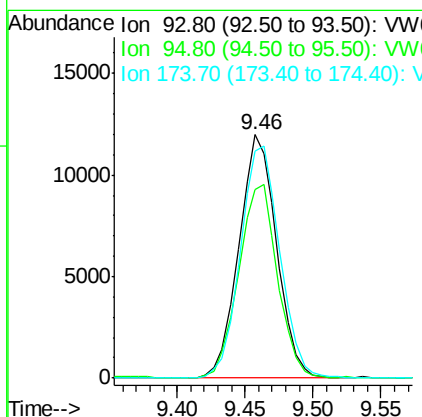
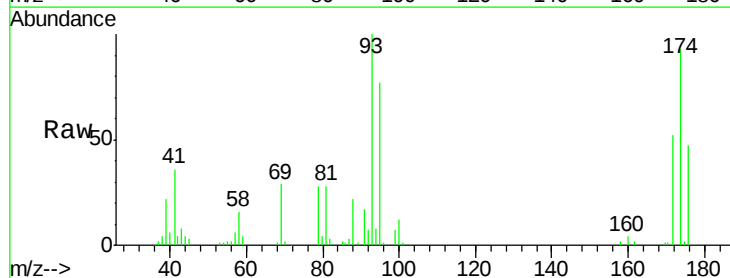
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

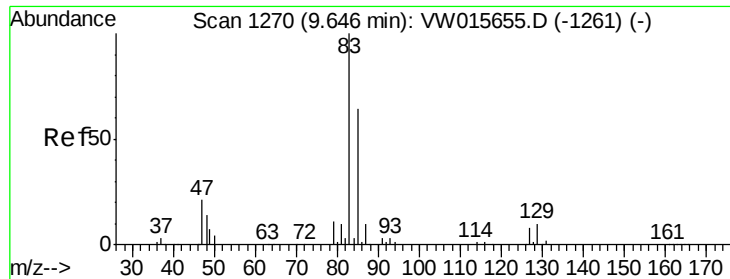
Tgt Ion: 63 Resp: 41696
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.3 37.9



#46
 Dibromomethane
 Concen: 22.765 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 93 Resp: 23189
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.7 98.5
 174 99.5 79.0 118.6





#47

Bromodichloromethane

Concen: 20.751 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

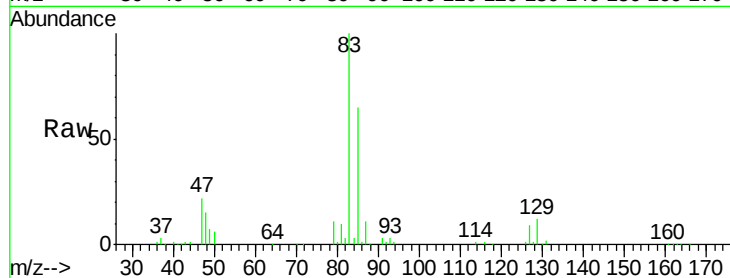
Tgt Ion: 83 Resp: 55135

Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2

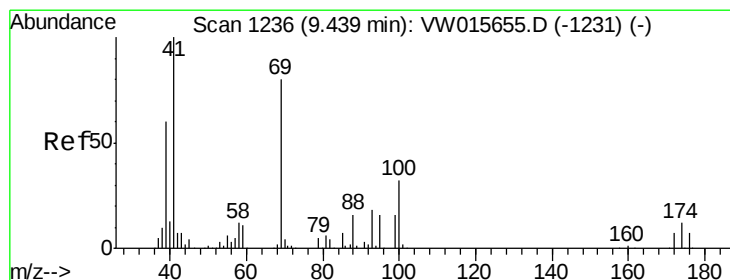
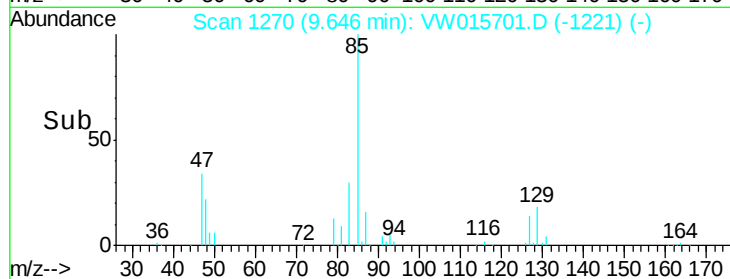
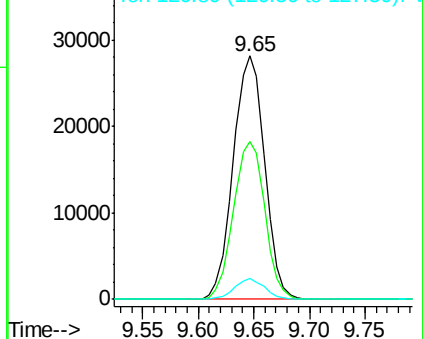
127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 24.115 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

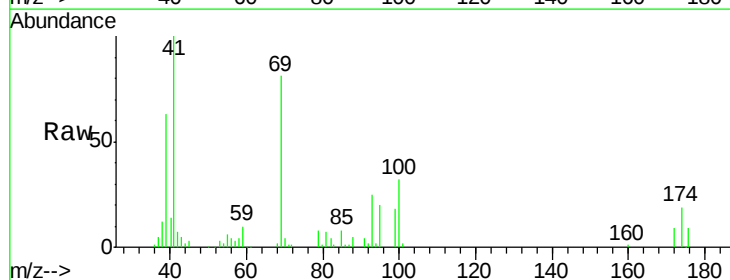
Tgt Ion: 41 Resp: 24884

Ion Ratio Lower Upper

41 100

69 86.8 68.2 102.2

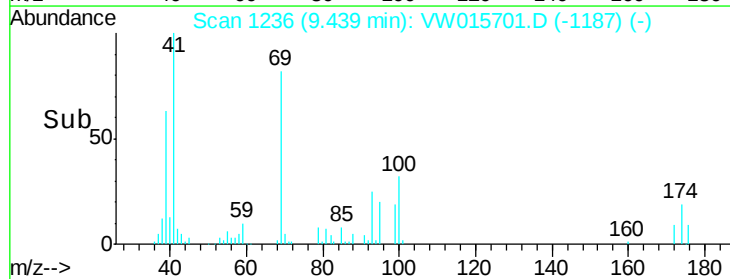
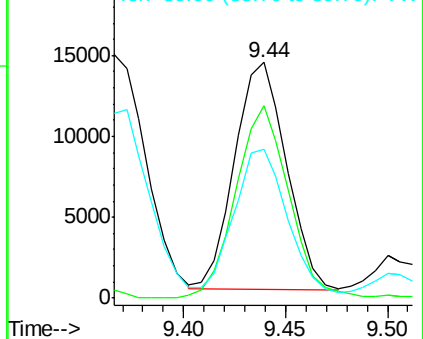
39 62.7 49.8 74.6

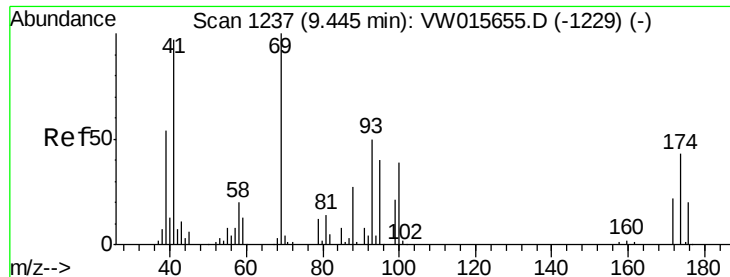


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 473.855 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

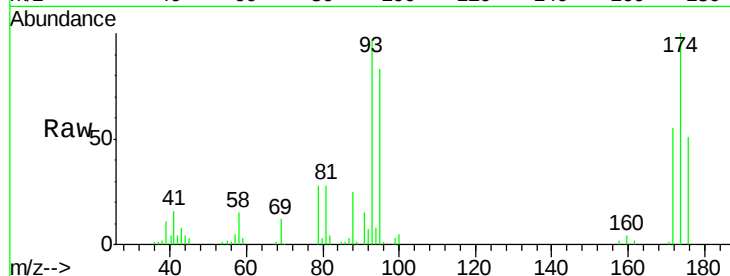
Tgt Ion: 88 Resp: 6332

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

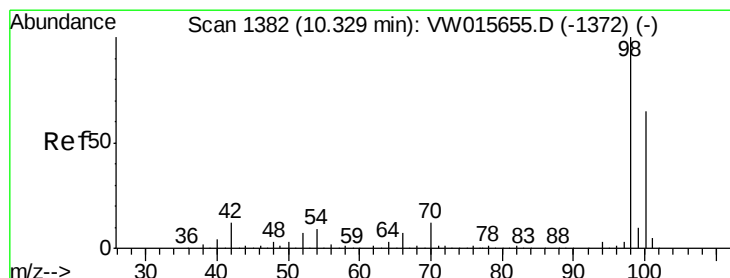
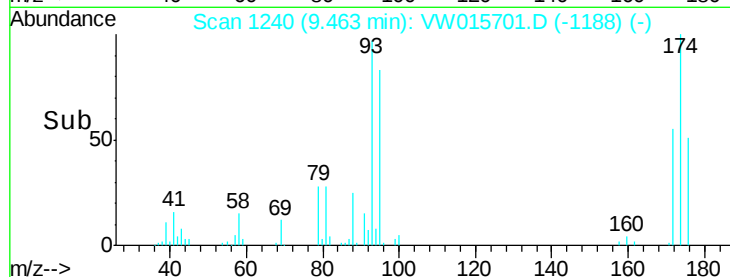
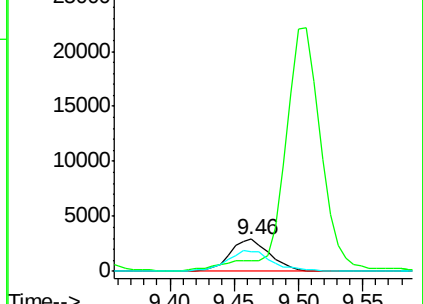
58 72.8 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.137 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015701.D

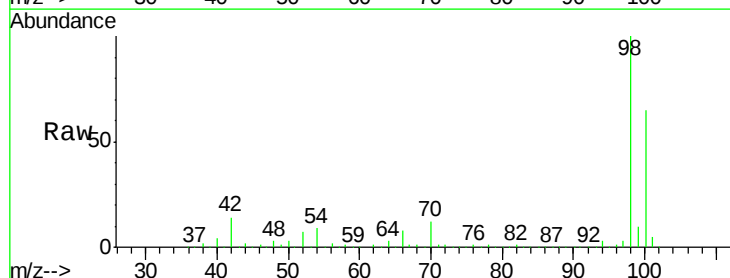
Acq: 25 Jun 2020 00:12

Tgt Ion: 98 Resp: 374629

Ion Ratio Lower Upper

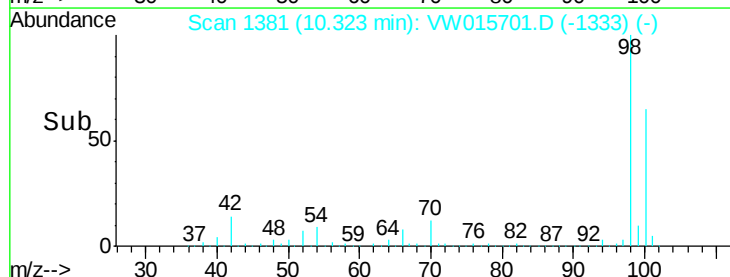
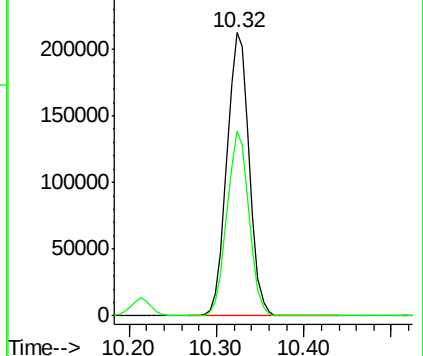
98 100

100 64.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

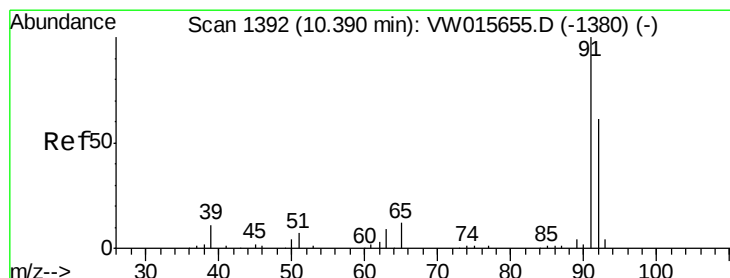
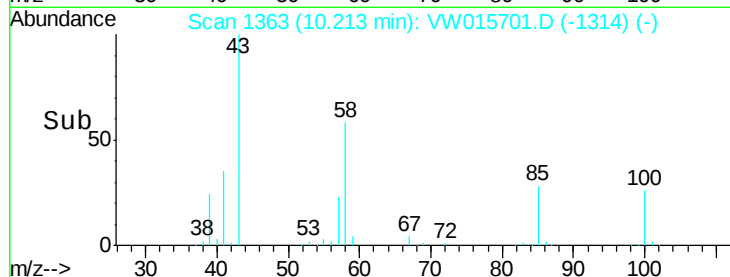
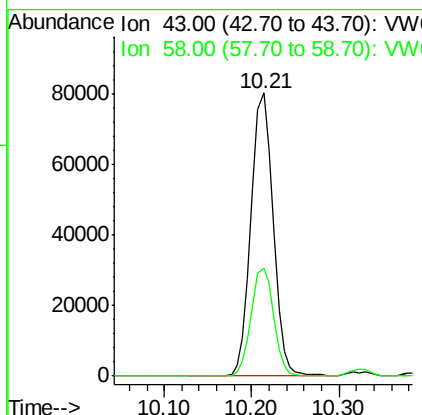
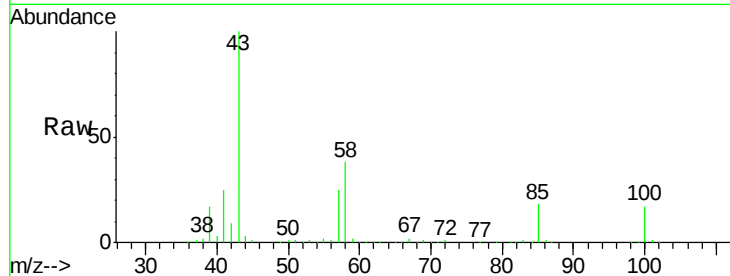




#51
4-Methyl-2-Pentanone
Concen: 130.668 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

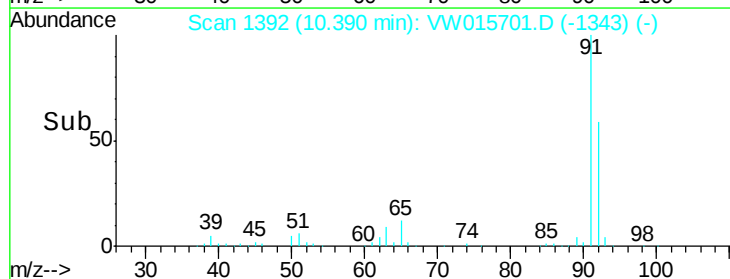
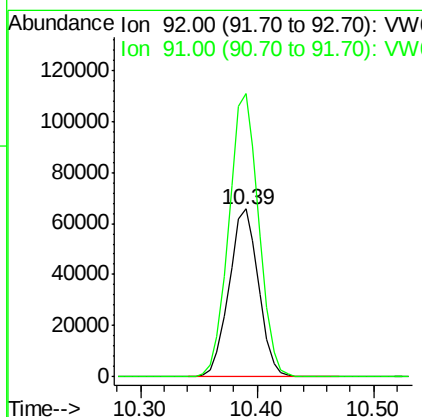
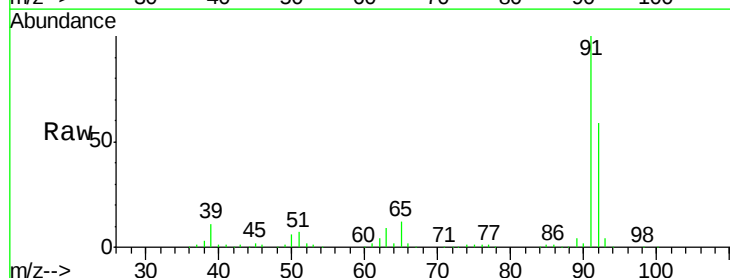
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

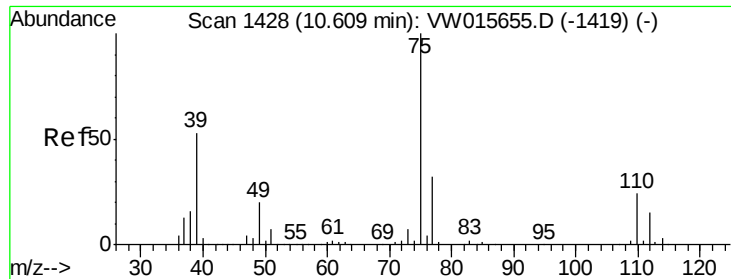
Tgt Ion: 43 Resp: 142229
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8



#52
Toluene
Concen: 22.192 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 92 Resp: 115418
Ion Ratio Lower Upper
92 100
91 170.9 135.5 203.3

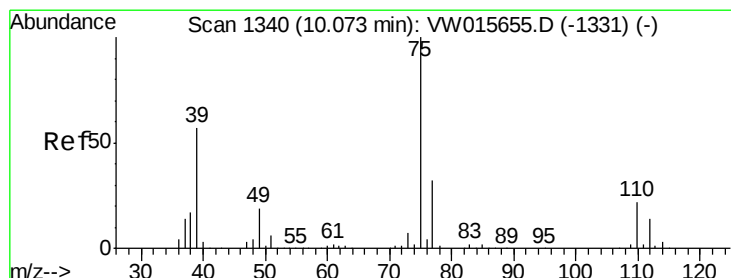
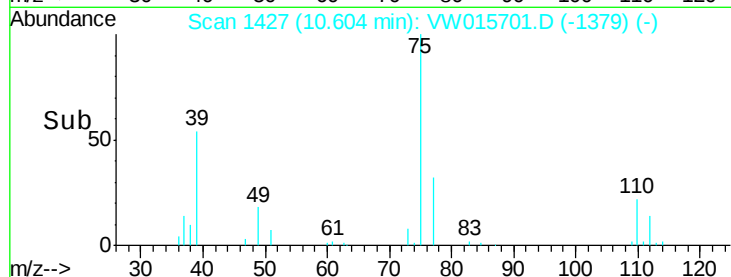
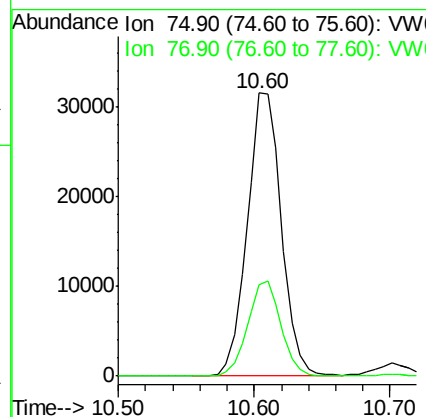
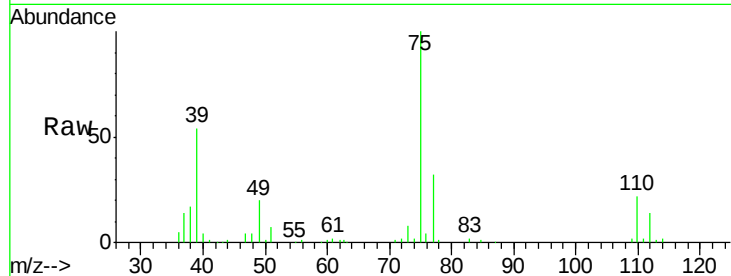




#53
 t-1,3-Dichloropropene
 Concen: 21.569 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

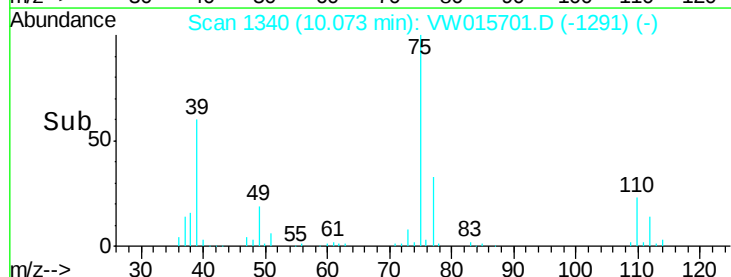
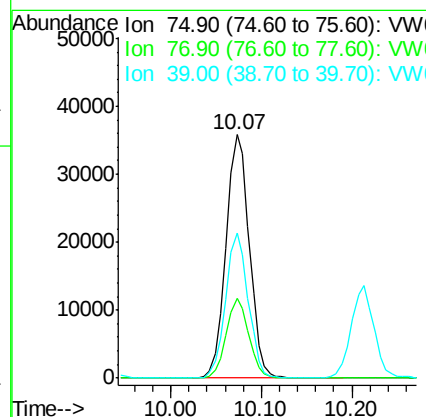
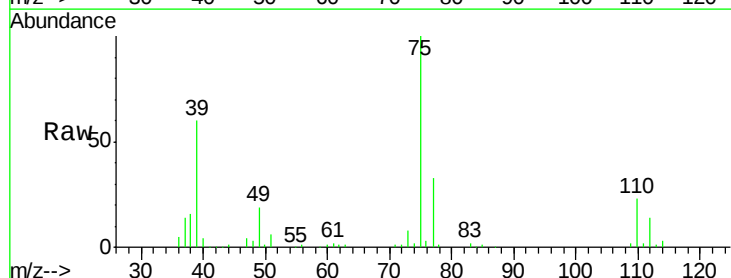
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

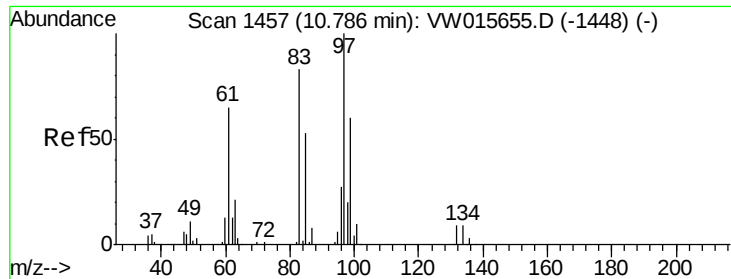
Tgt Ion: 75 Resp: 55365
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.949 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 75 Resp: 64240
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2
 39 59.7 45.8 68.6





#55

1,1,2-Trichloroethane

Concen: 24.468 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tgt Ion: 97 Resp: 34654

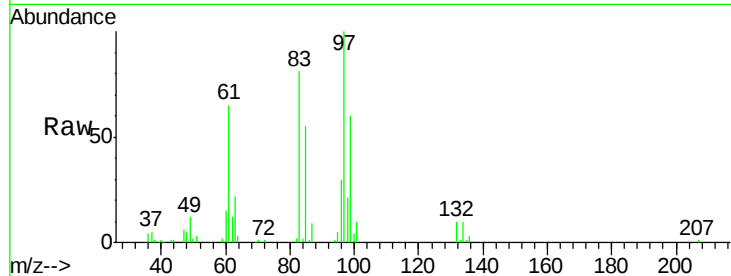
Ion Ratio Lower Upper

97 100

83 80.8 66.3 99.5

85 55.5 42.5 63.7

99 60.0 48.3 72.5

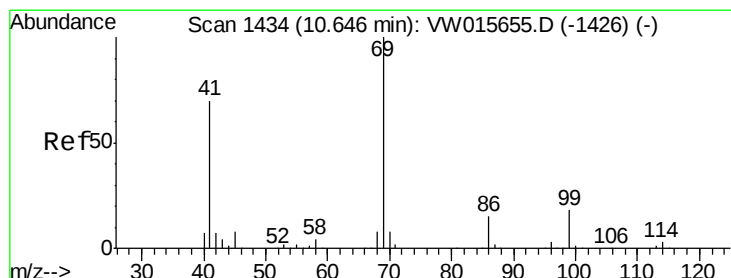
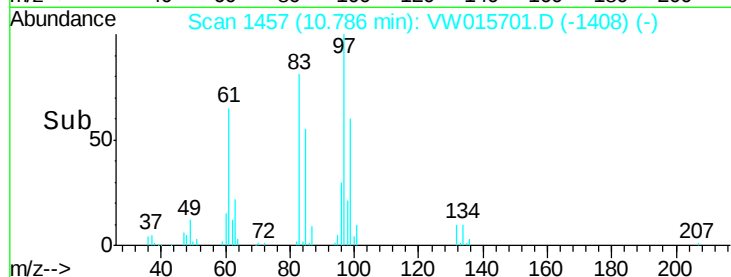
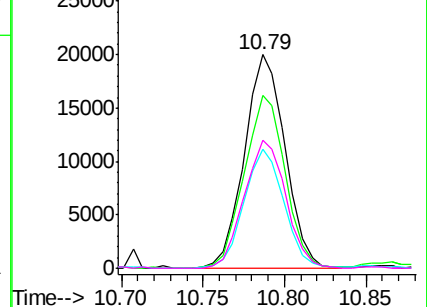


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 25.133 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

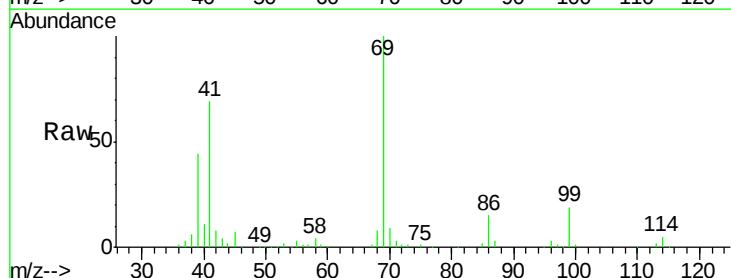
Tgt Ion: 69 Resp: 44290

Ion Ratio Lower Upper

69 100

41 71.1 55.8 83.6

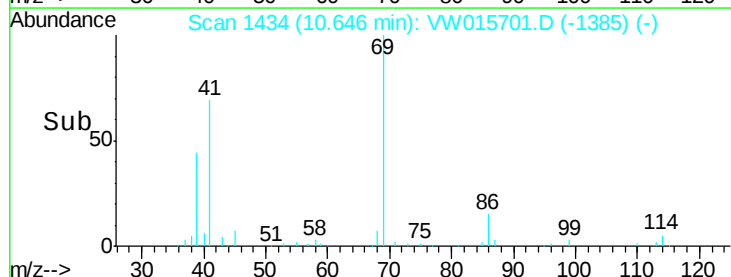
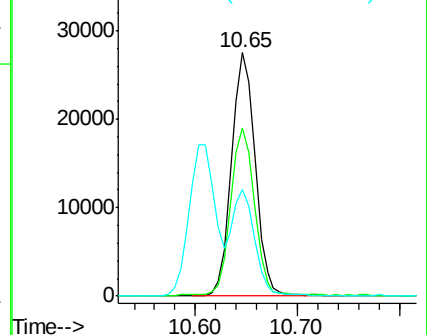
39 41.7 29.5 44.3

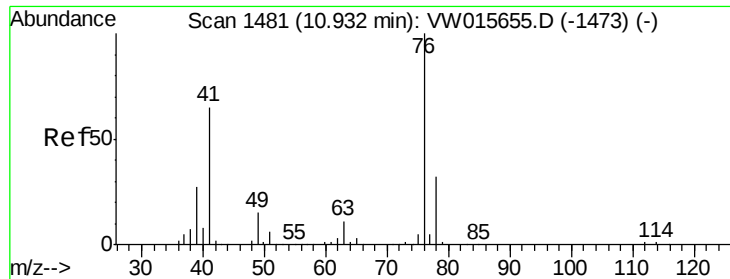


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

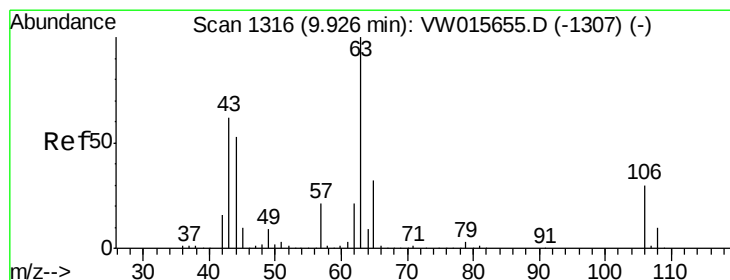
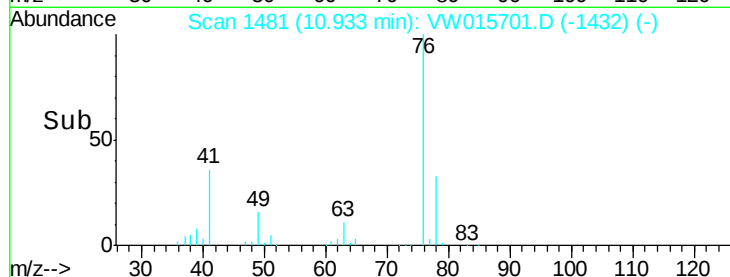
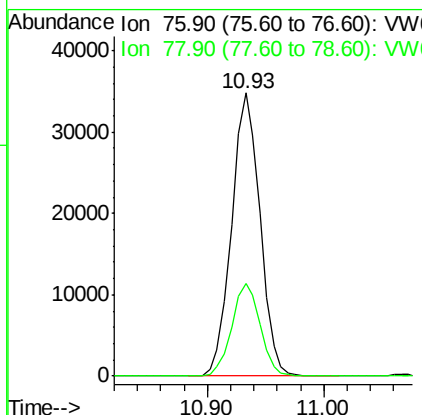
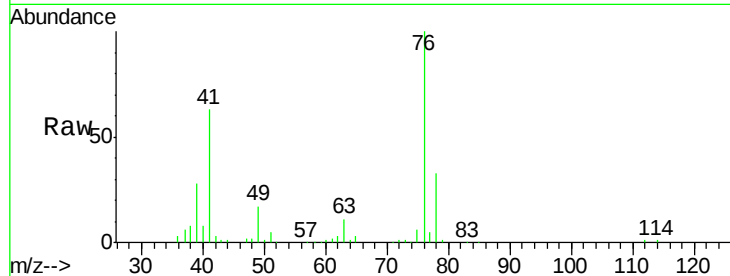




#57
 1,3-Dichloropropane
 Concen: 23.529 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

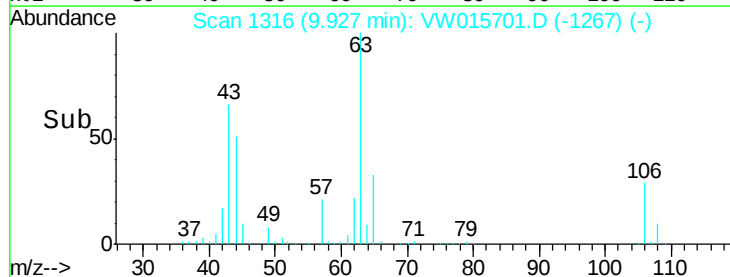
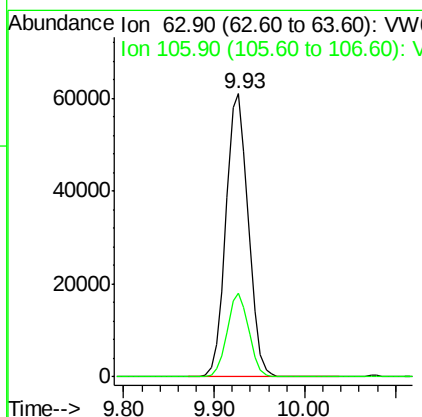
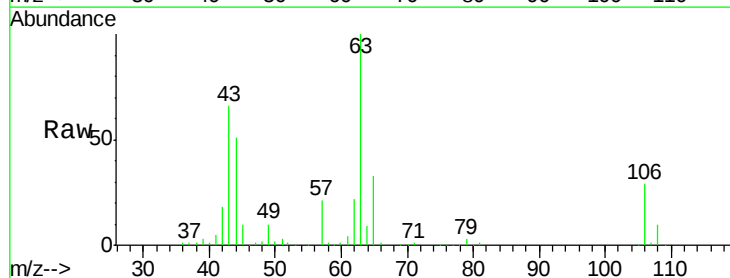
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

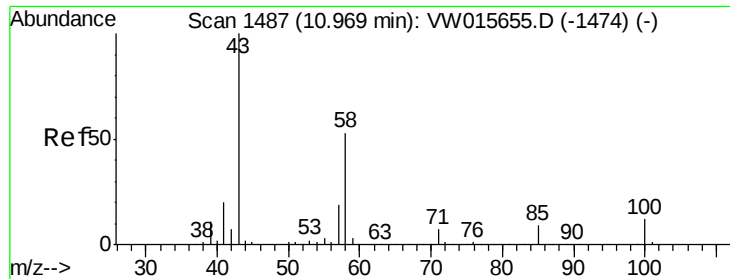
Tgt Ion: 76 Resp: 59077
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 125.459 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 63 Resp: 104622
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.3 34.9





#59

2-Hexanone

Concen: 128.757 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

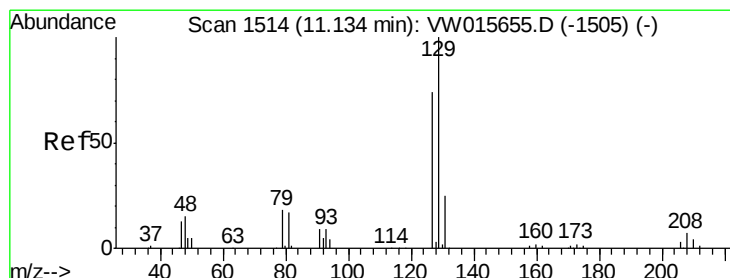
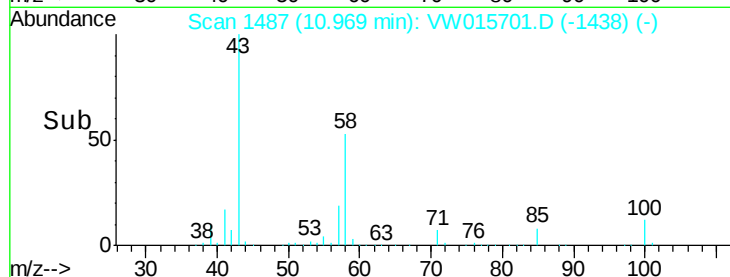
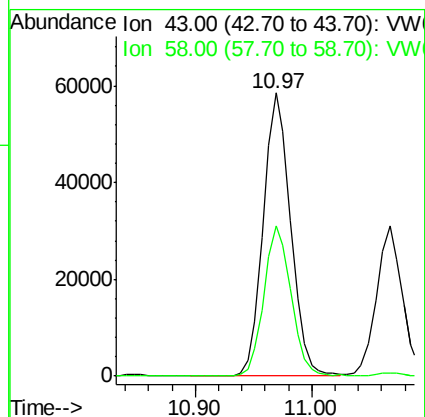
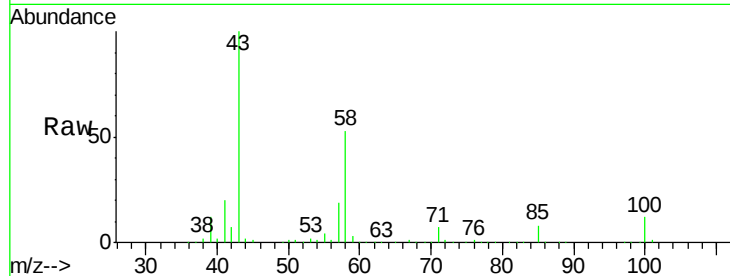
VW0624SBSD02

Tgt Ion: 43 Resp: 95413

Ion Ratio Lower Upper

43 100

58 52.6 26.5 79.4



#60

Dibromochloromethane

Concen: 23.001 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW015701.D

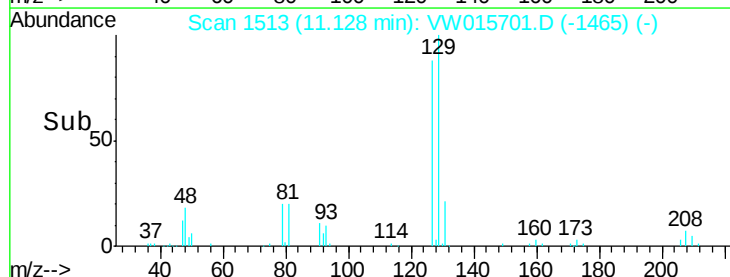
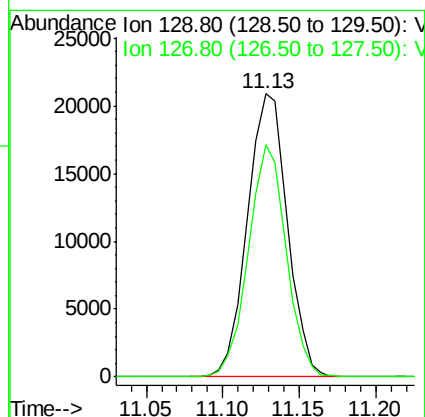
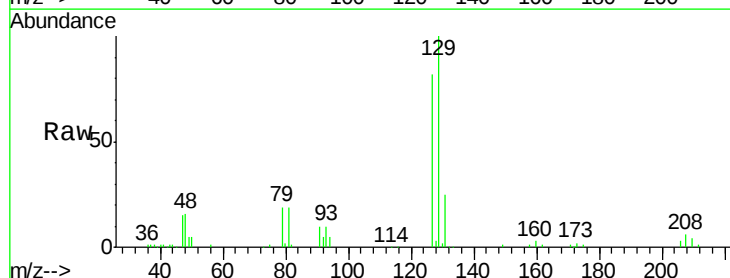
Acq: 25 Jun 2020 00:12

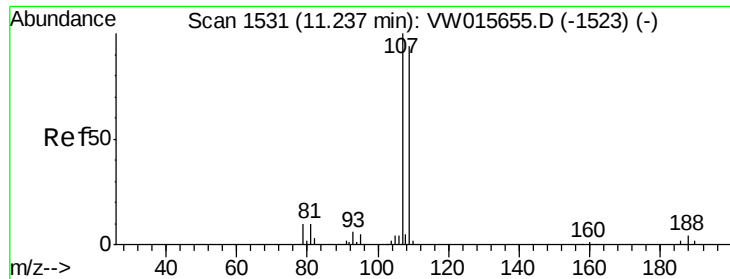
Tgt Ion: 129 Resp: 37961

Ion Ratio Lower Upper

129 100

127 77.3 38.0 114.1

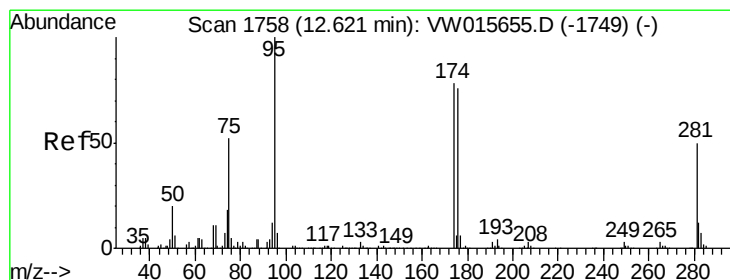
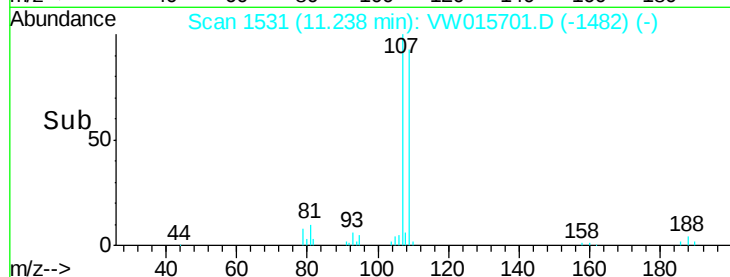
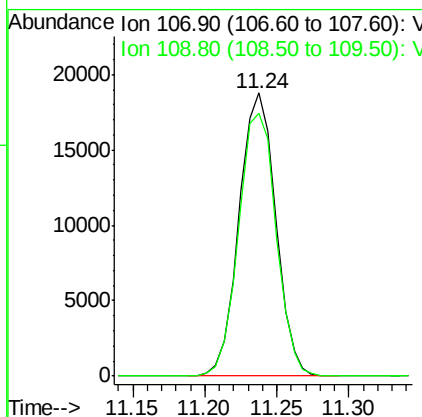
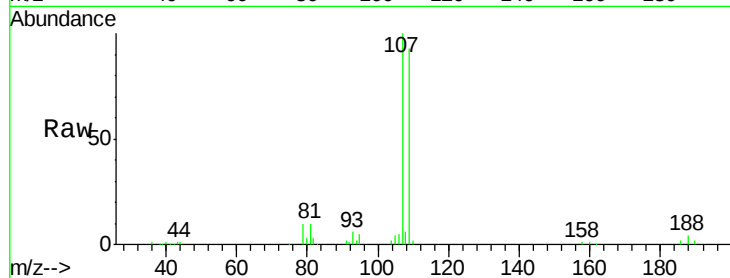




#61
 1,2-Dibromoethane
 Concen: 24.440 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

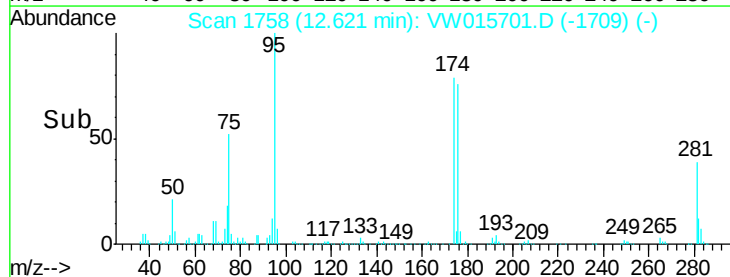
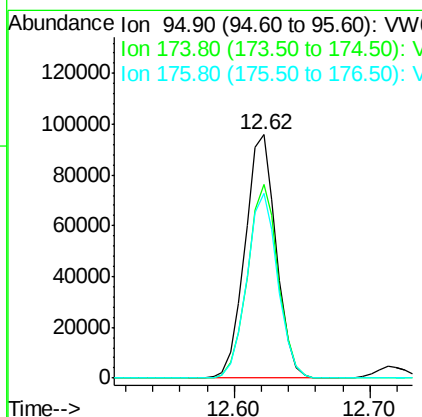
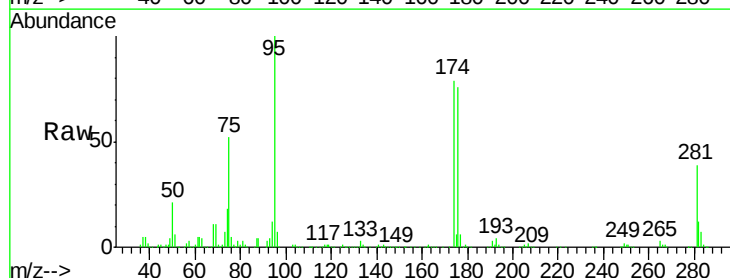
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

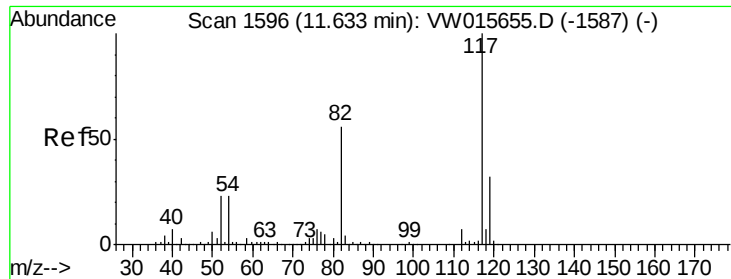
Tgt Ion: 107 Resp: 33086
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 59.024 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 95 Resp: 153250
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 157.0
 176 75.2 0.0 151.4

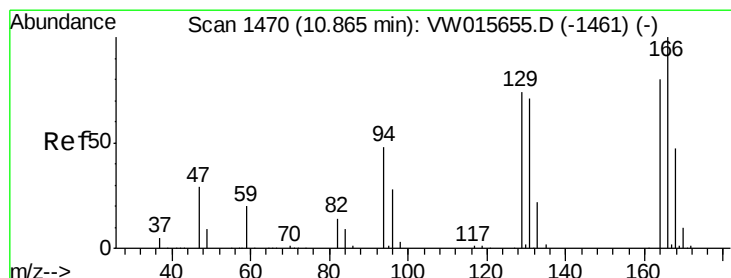
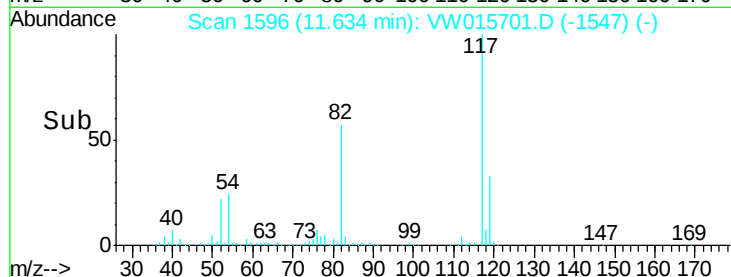
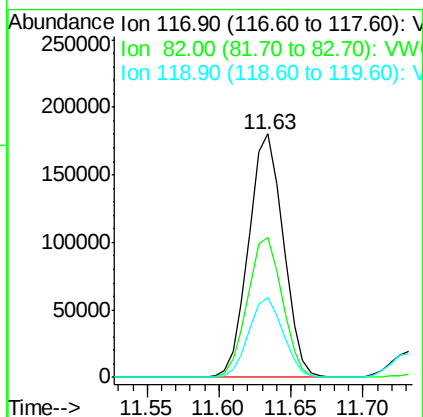
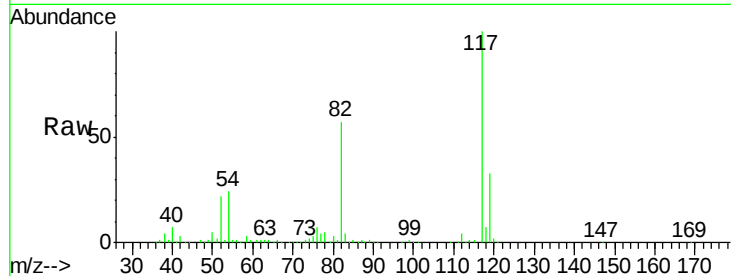




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

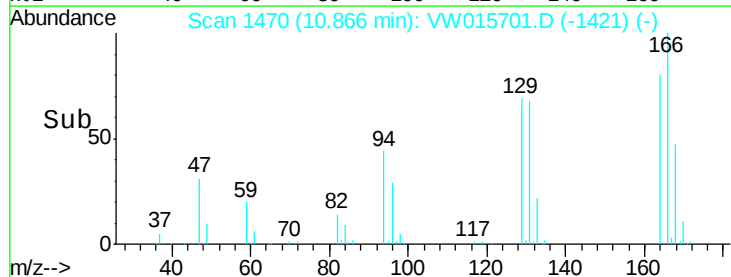
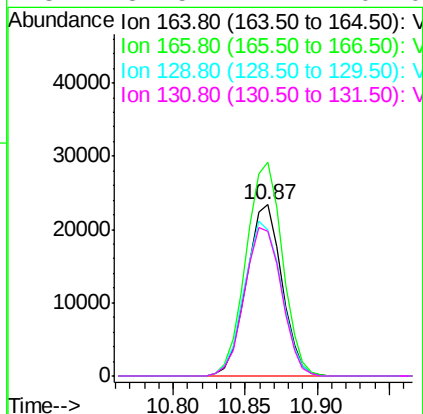
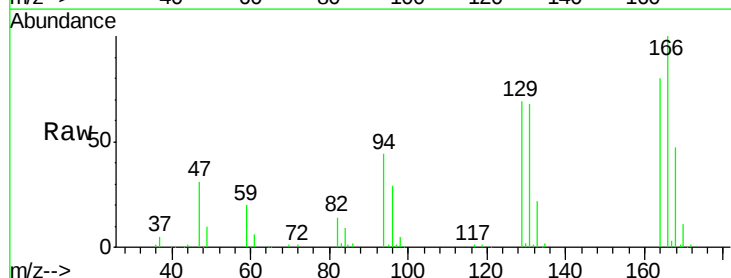
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

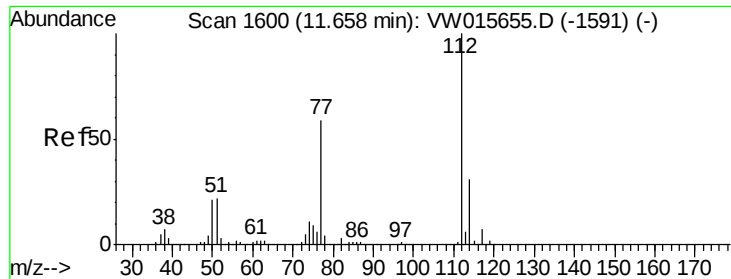
Tgt Ion:117 Resp: 300653
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 18.895 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion:164 Resp: 39909
Ion Ratio Lower Upper
164 100
166 125.0 99.9 149.9
129 85.6 74.2 111.2
131 84.5 71.4 107.0

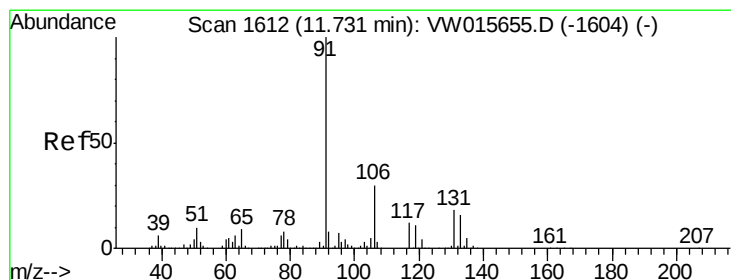
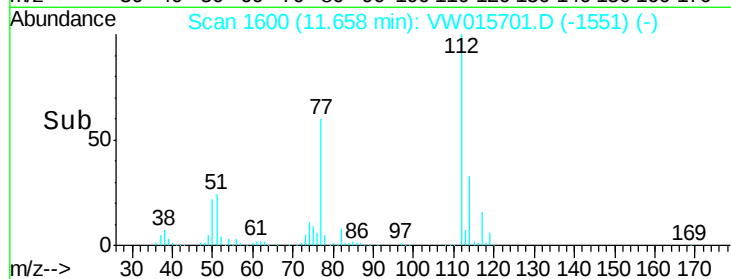
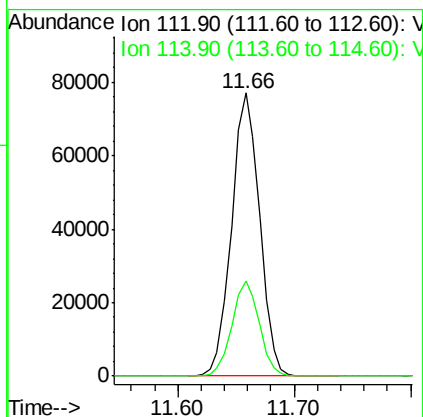
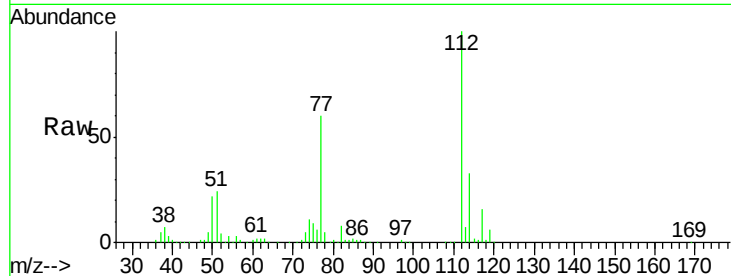




#65
Chlorobenzene
Concen: 20.371 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

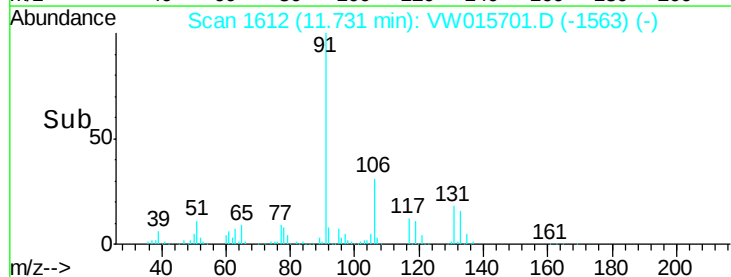
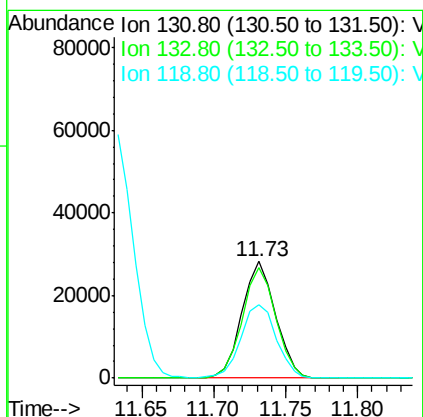
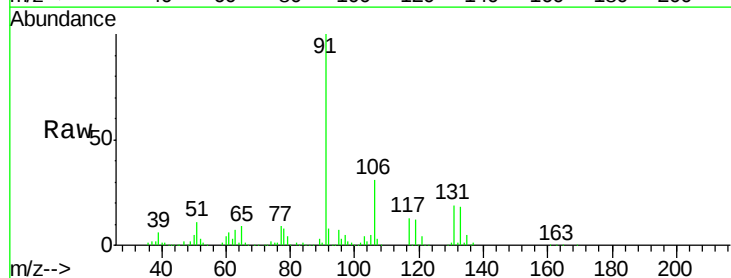
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

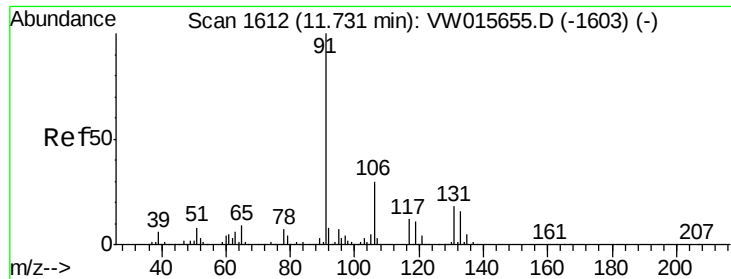
Tgt Ion:112 Resp: 129133
Ion Ratio Lower Upper
112 100
114 33.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.505 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion:131 Resp: 45574
Ion Ratio Lower Upper
131 100
133 94.6 46.5 139.5
119 66.8 32.5 97.5

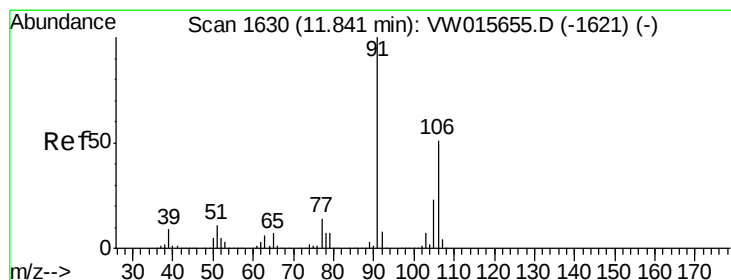
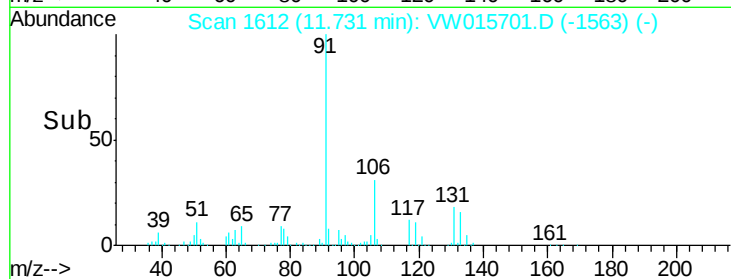
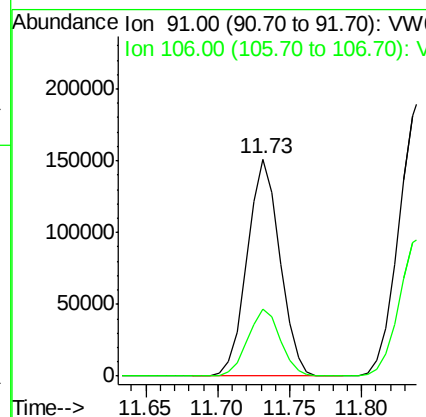
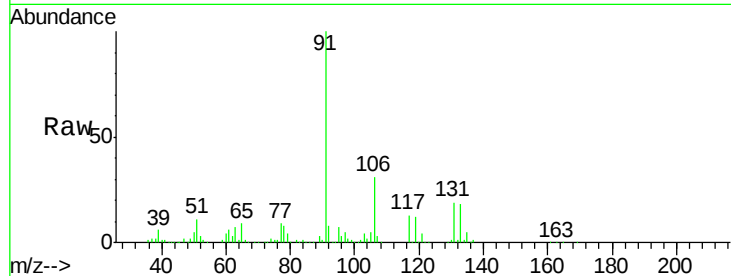




#67
Ethyl Benzene
Concen: 20.085 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

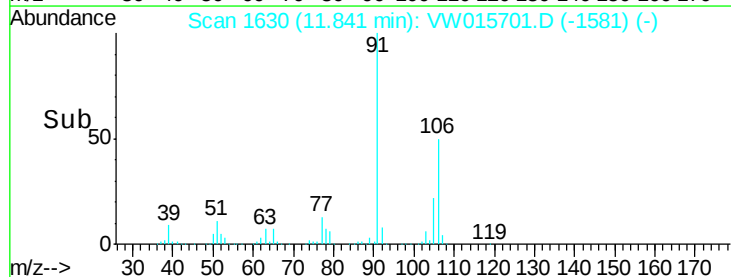
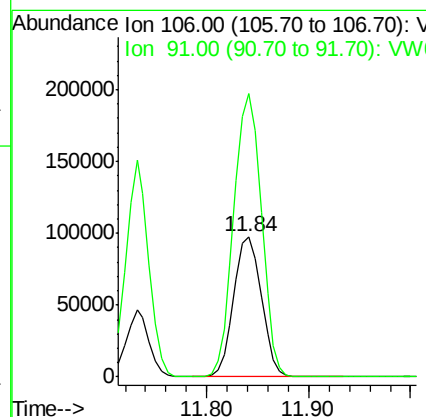
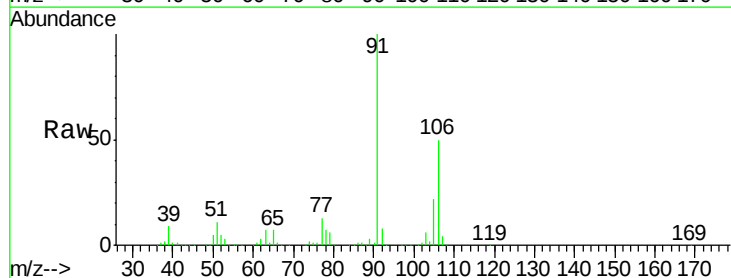
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tgt Ion: 91 Resp: 236943
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1



#68
m/p-Xylenes
Concen: 41.468 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 106 Resp: 183697
Ion Ratio Lower Upper
106 100
91 202.1 162.6 244.0

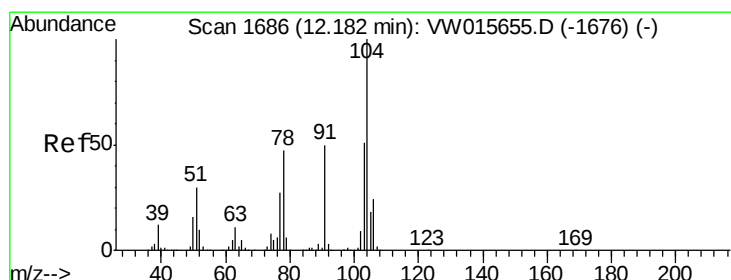
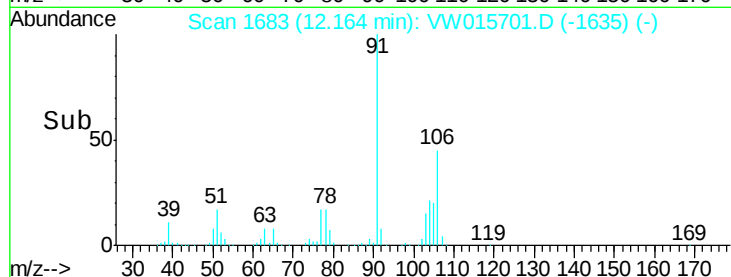
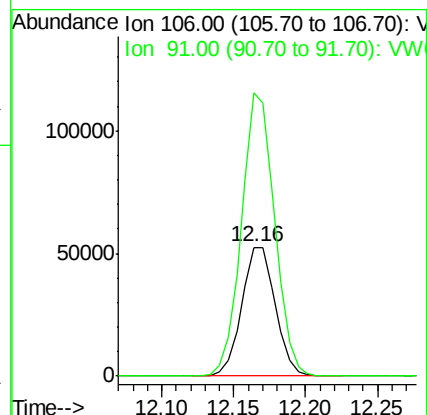
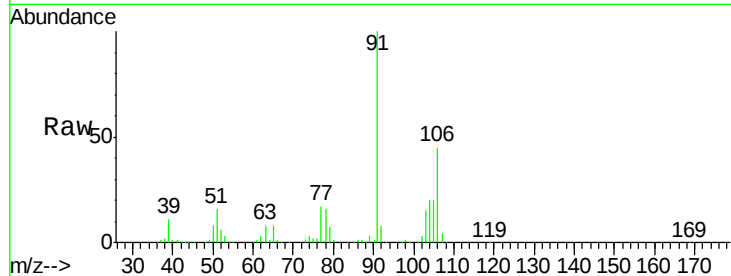




#69
o-Xylene
Concen: 20.900 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

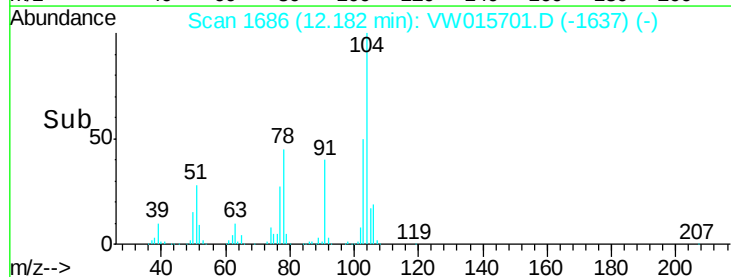
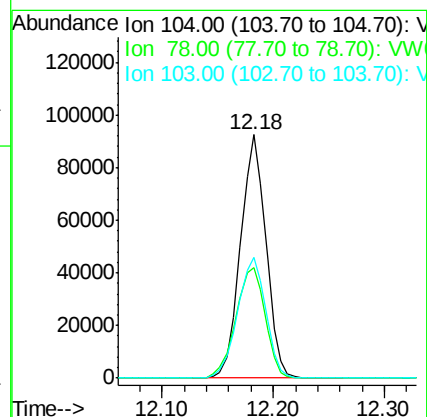
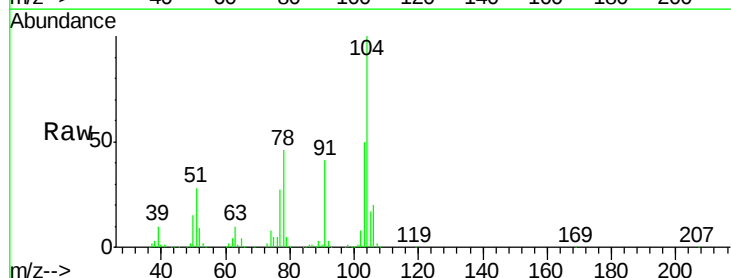
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

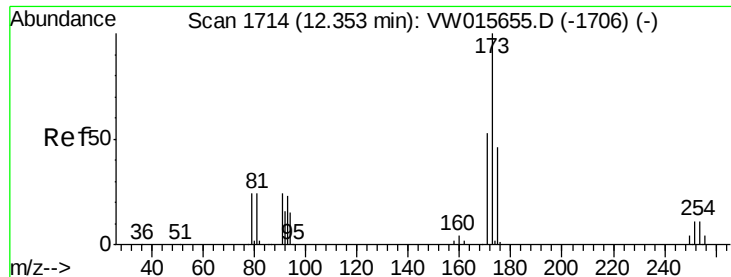
Tgt Ion:106 Resp: 85126
Ion Ratio Lower Upper
106 100
91 216.7 108.3 324.9



#70
Styrene
Concen: 21.044 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion:104 Resp: 146440
Ion Ratio Lower Upper
104 100
78 52.4 40.9 61.3
103 54.9 43.1 64.7





#71

Bromoform

Concen: 20.751 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

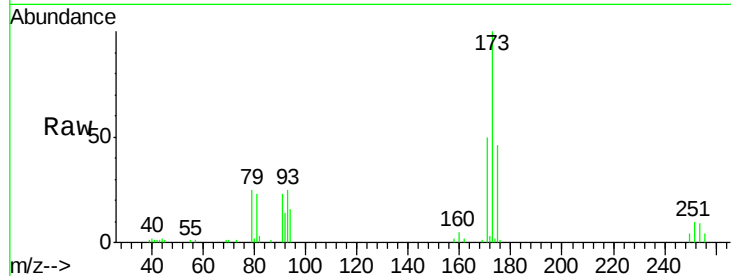
Tgt Ion:173 Resp: 21221

Ion Ratio Lower Upper

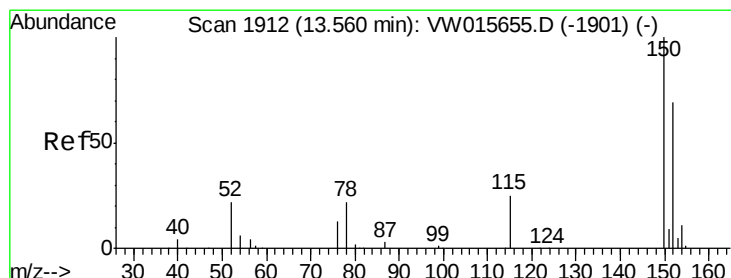
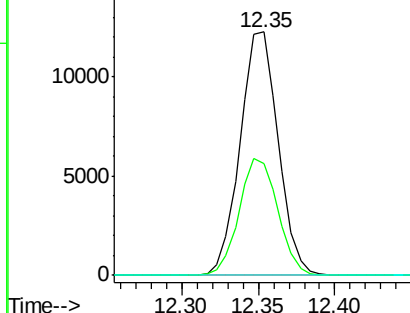
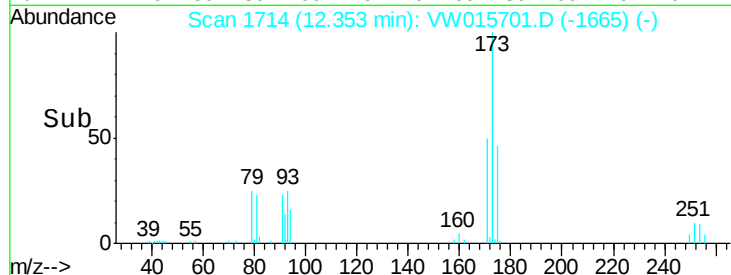
173 100

175 48.6 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: VW015701.D

Acq: 25 Jun 2020 00:12

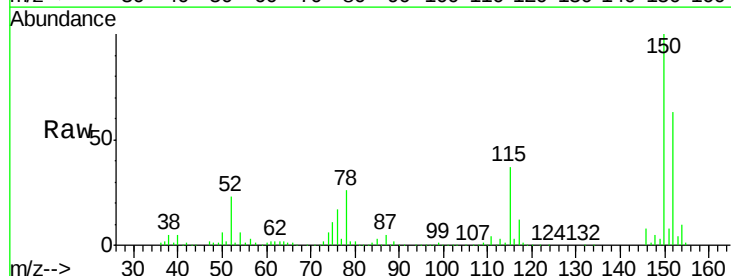
Tgt Ion:152 Resp: 162026

Ion Ratio Lower Upper

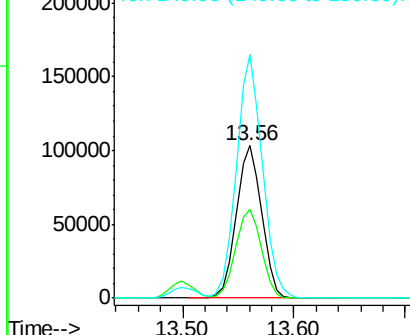
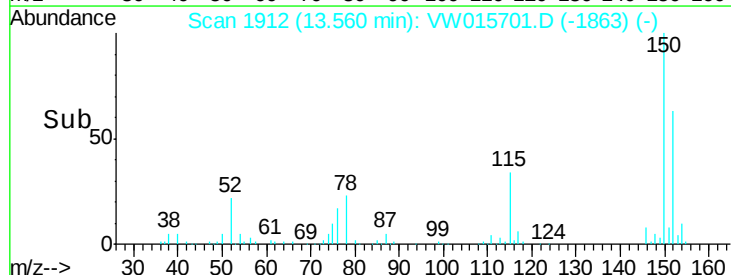
152 100

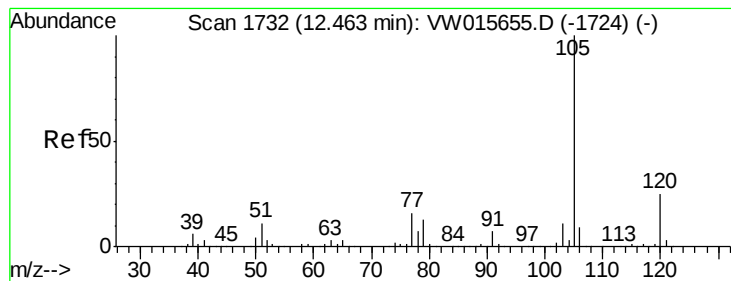
115 59.3 30.1 90.5

150 164.0 0.0 345.6



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





#73

Isopropylbenzene

Concen: 19.520 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

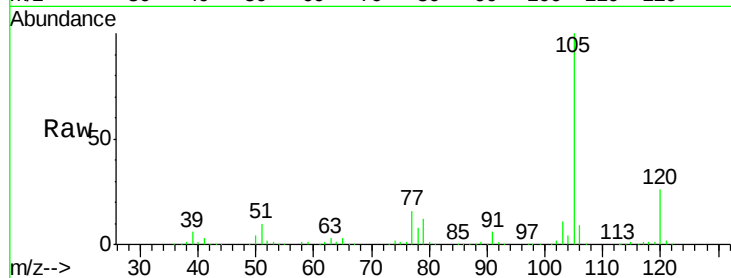
VW0624SBSD02

Tgt Ion: 105 Resp: 241265

Ion Ratio Lower Upper

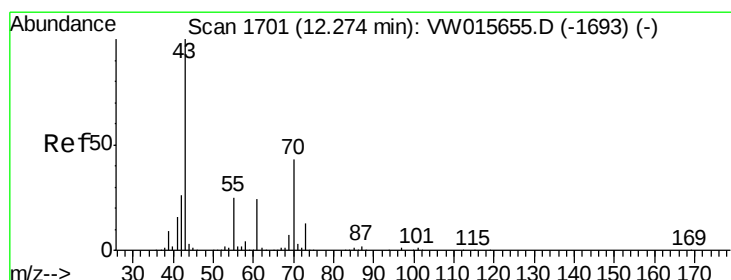
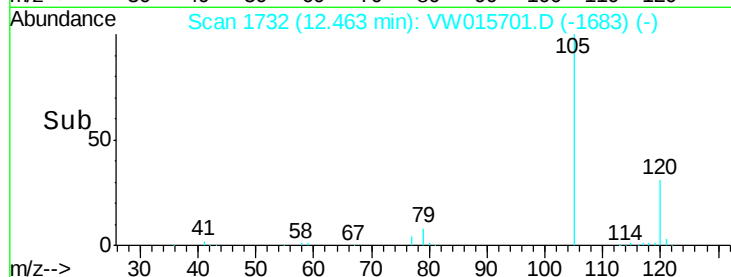
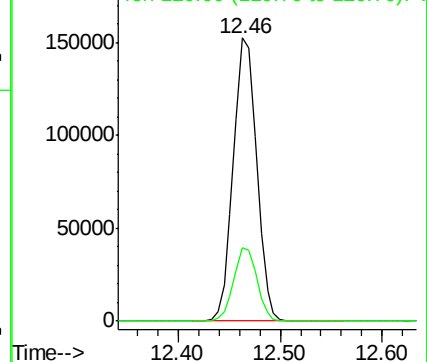
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.482 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion: 43 Resp: 53666

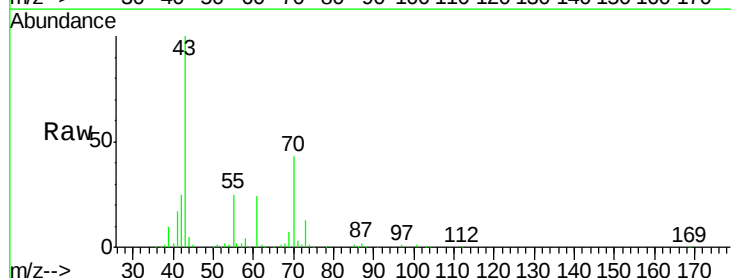
Ion Ratio Lower Upper

43 100

70 42.5 33.6 50.4

55 24.8 19.7 29.5

61 23.8 18.7 28.1

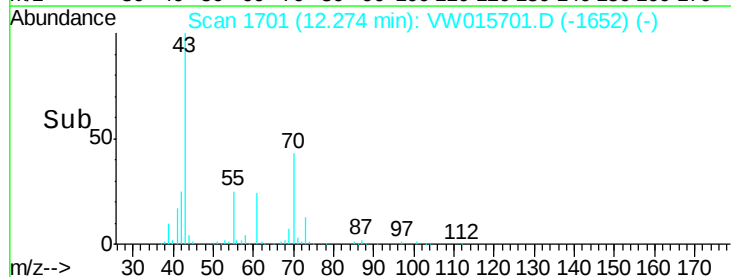
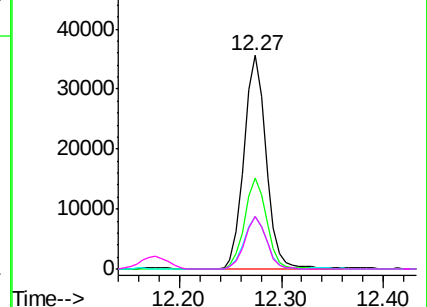


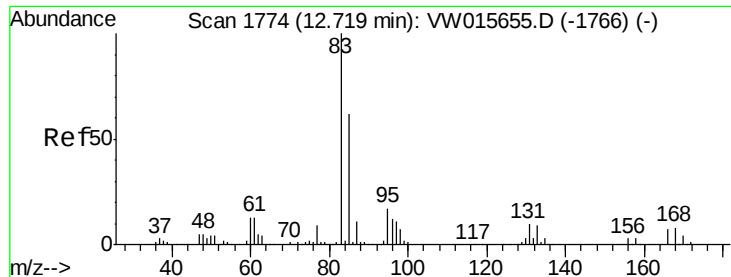
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.334 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

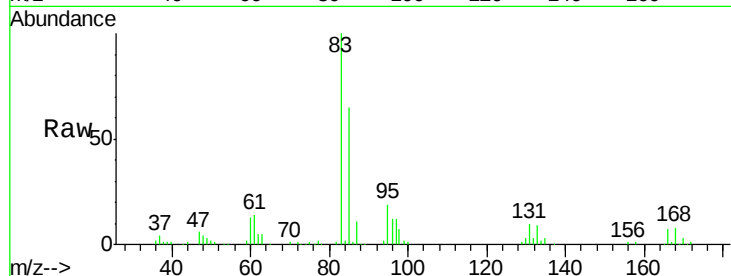
Tgt Ion: 83 Resp: 42185

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

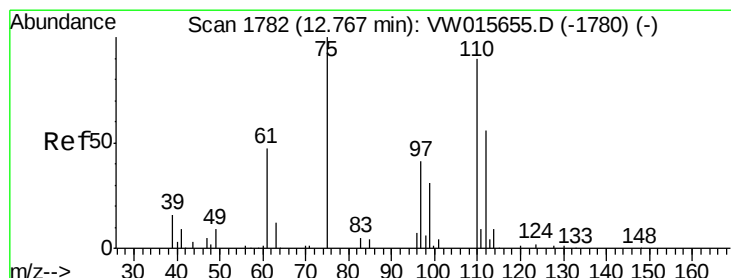
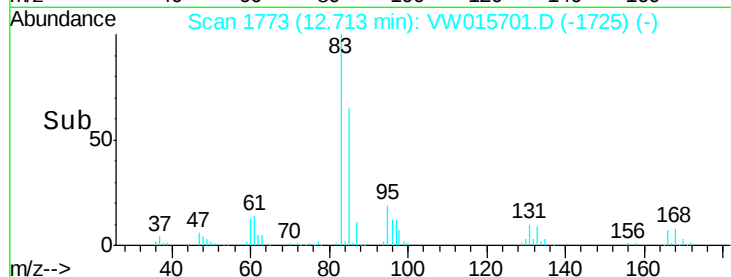
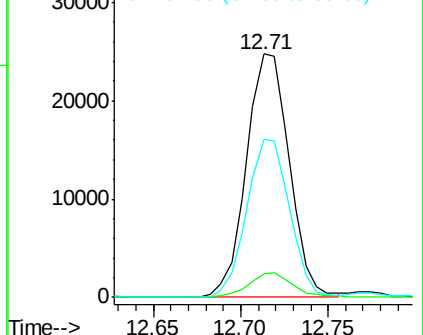
85 64.9 31.9 95.7



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: 36.219 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015701.D

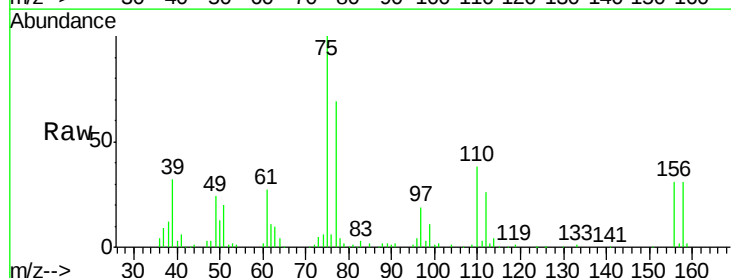
Acq: 25 Jun 2020 00:12

Tgt Ion: 75 Resp: 53529

Ion Ratio Lower Upper

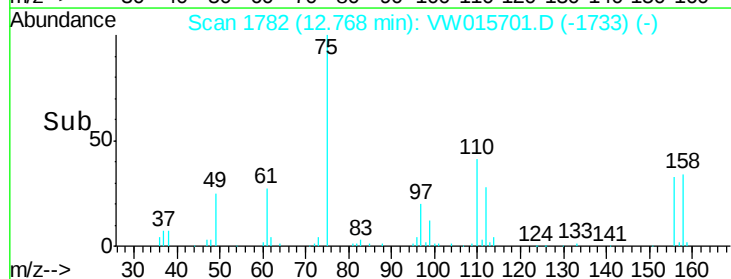
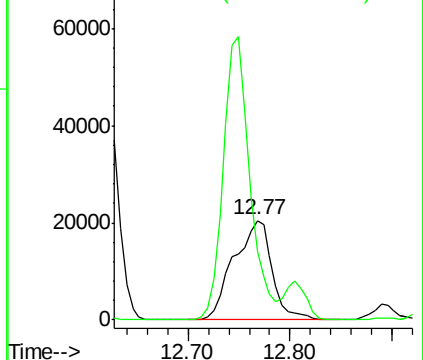
75 100

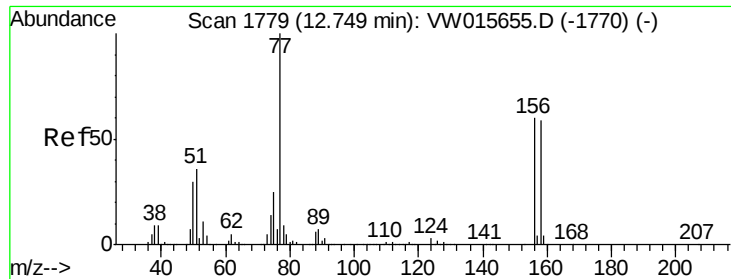
77 197.4 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

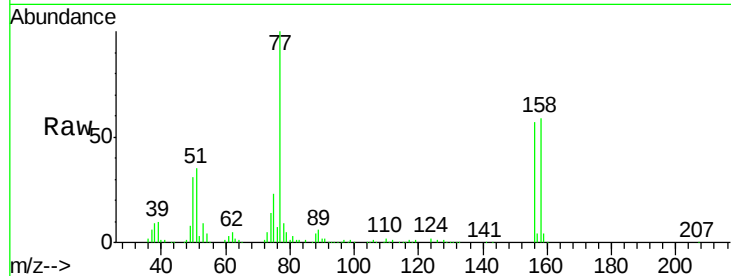




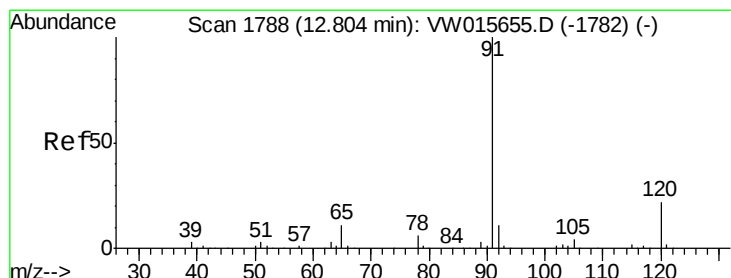
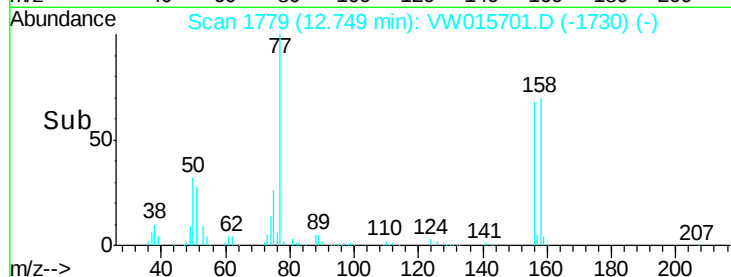
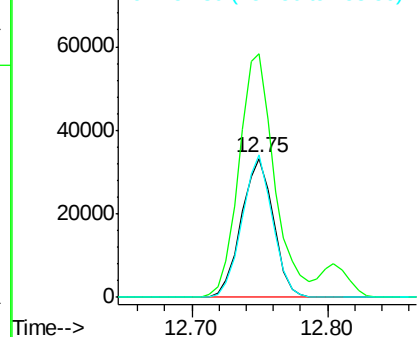
#77
Bromobenzene
Concen: 19.828 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tgt Ion: 156 Resp: 54646
Ion Ratio Lower Upper
156 100
77 193.3 94.5 283.5
158 97.3 47.9 143.6

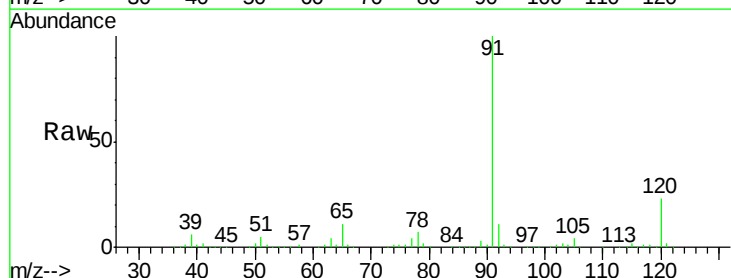


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

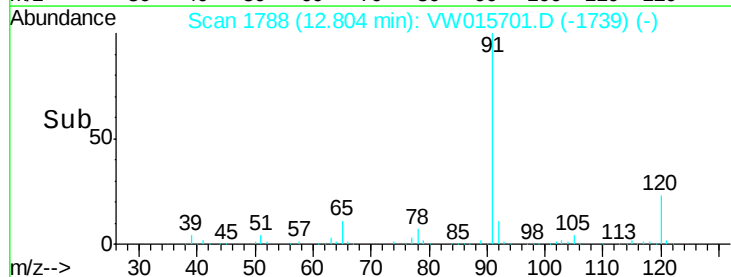
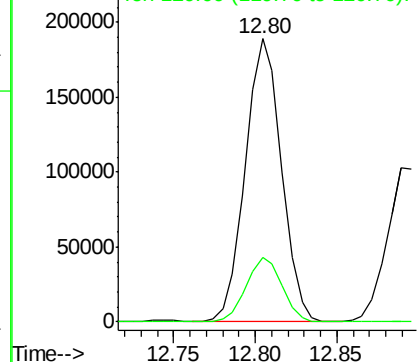


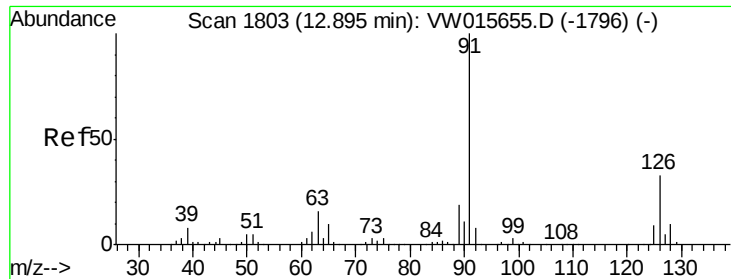
#78
n-propylbenzene
Concen: 19.575 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 91 Resp: 291232
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5



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





#79

2-Chlorotoluene

Concen: 20.324 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

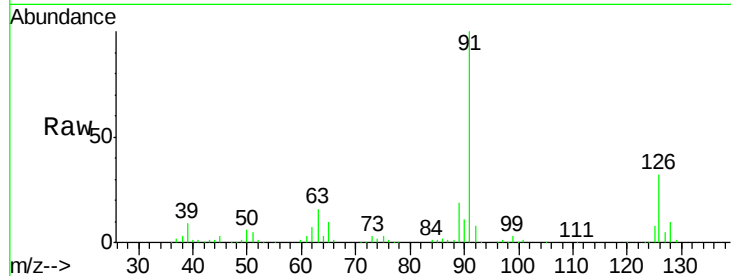
VW0624SBSD02

Tgt Ion: 91 Resp: 170253

Ion Ratio Lower Upper

91 100

126 32.0 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

120000

100000

80000

60000

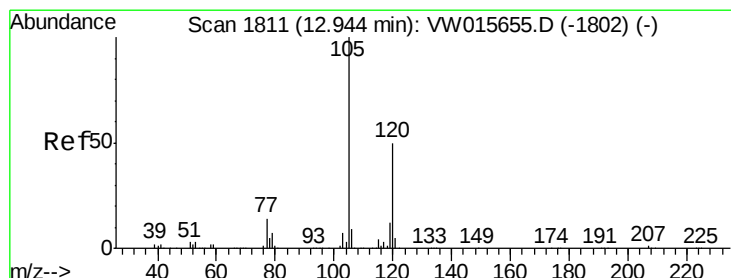
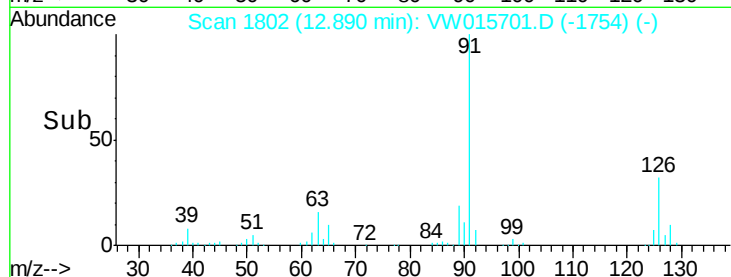
40000

20000

0

12.85 12.89 12.93 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.259 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015701.D

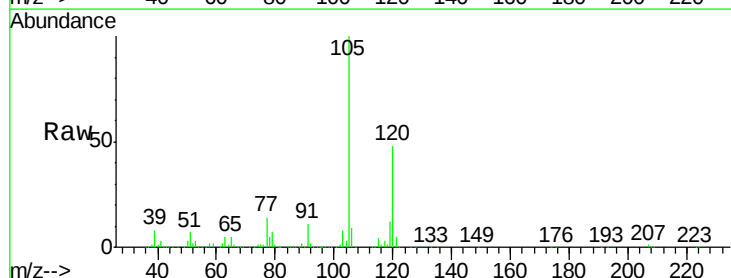
Acq: 25 Jun 2020 00:12

Tgt Ion:105 Resp: 212171

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

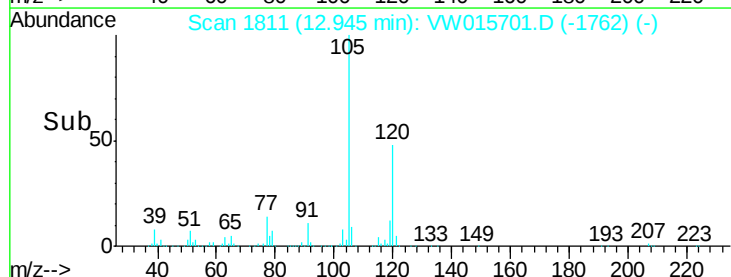
100000

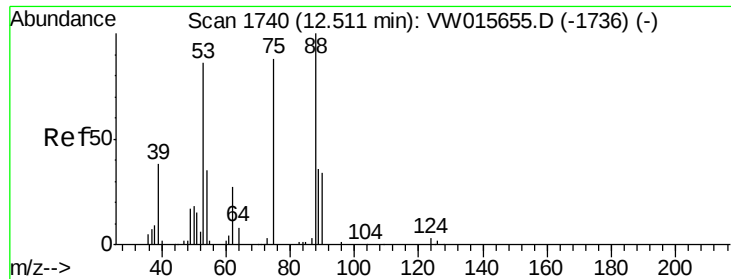
50000

0

12.85 12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.091 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

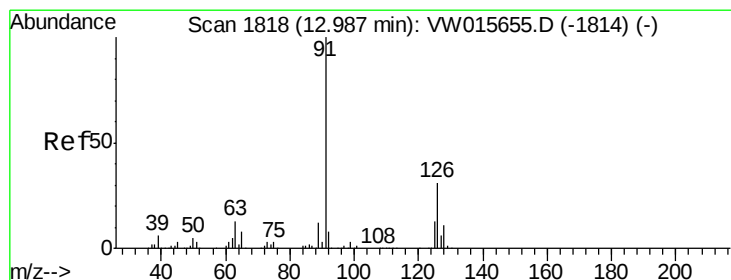
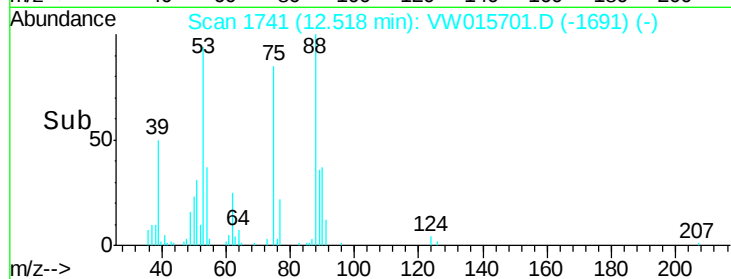
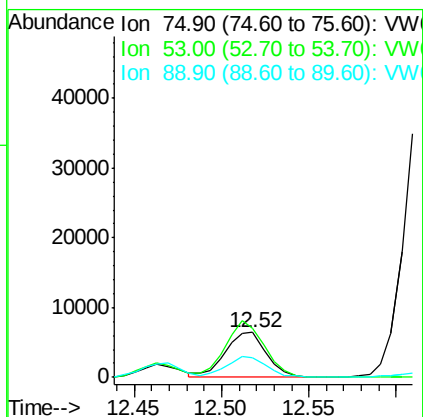
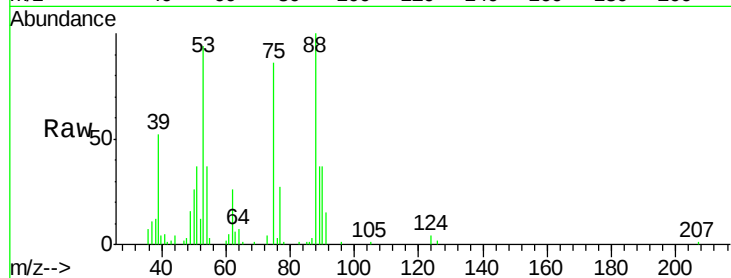
Tgt Ion: 75 Resp: 10610

Ion Ratio Lower Upper

75 100

53 120.4 83.8 125.8

89 44.9 36.6 55.0



#82

4-Chlorotoluene

Concen: 19.988 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015701.D

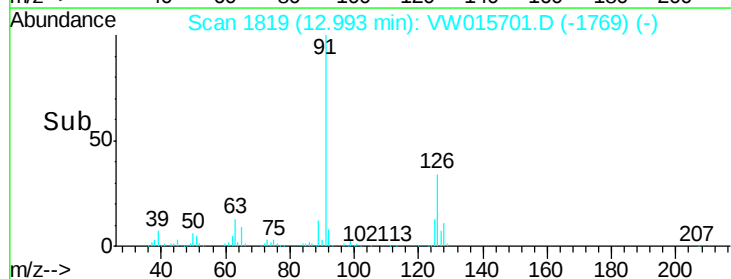
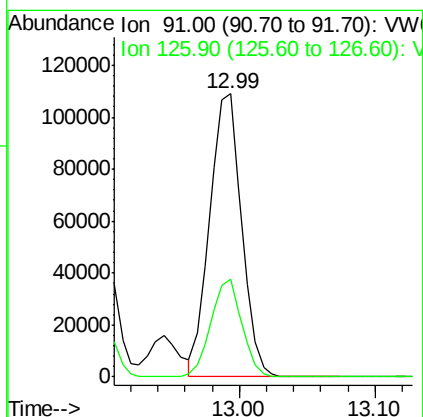
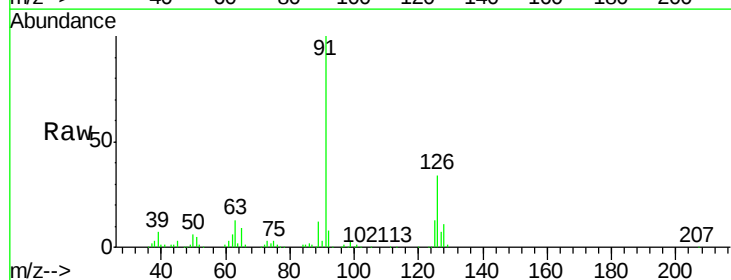
Acq: 25 Jun 2020 00:12

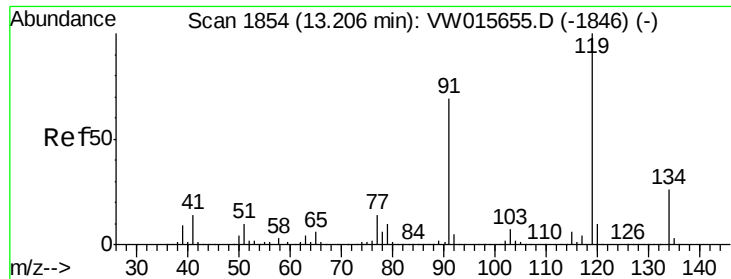
Tgt Ion: 91 Resp: 177135

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.9

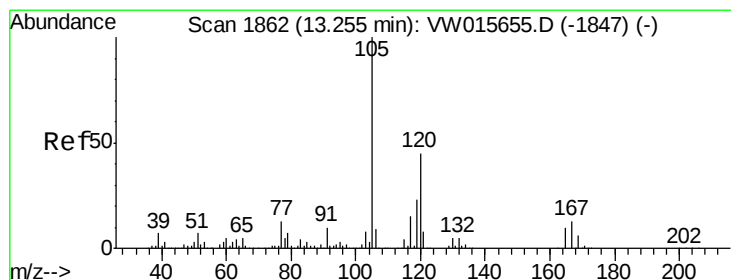
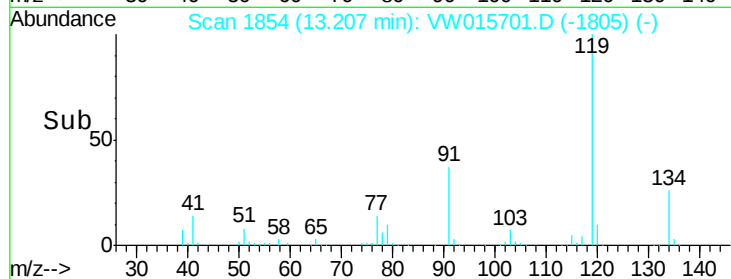
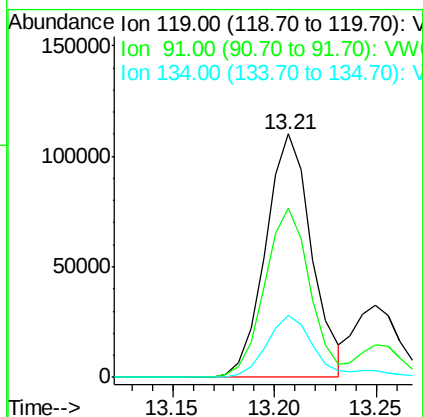
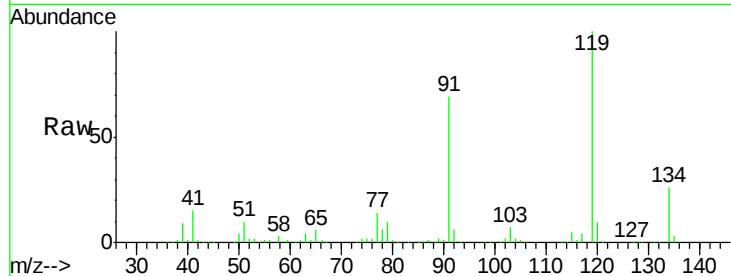




#83
 tert-Butylbenzene
 Concen: 19.587 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

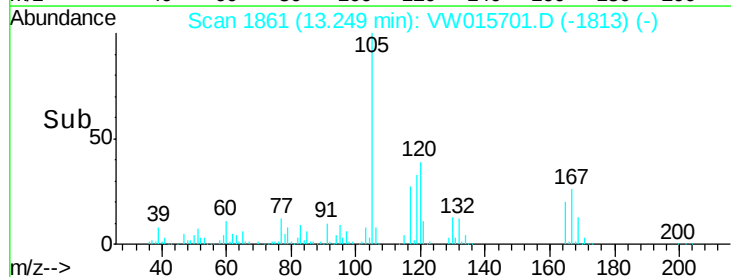
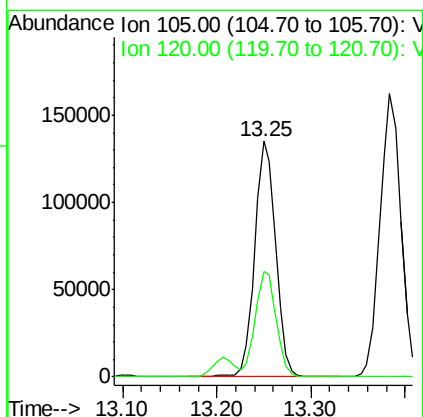
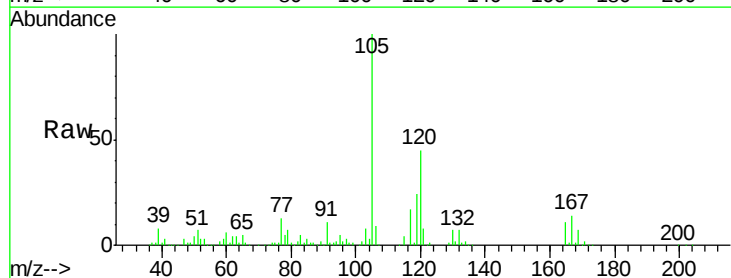
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

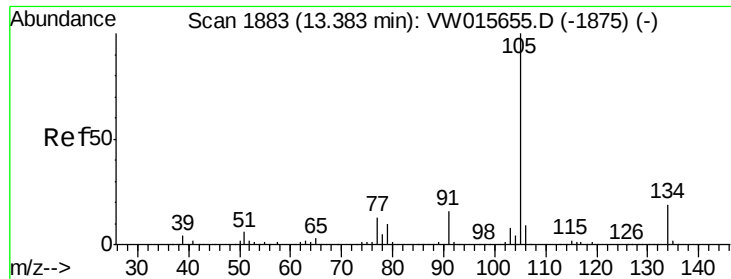
Tgt Ion:119 Resp: 173323
 Ion Ratio Lower Upper
 119 100
 91 68.1 34.7 104.1
 134 25.3 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.384 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion:105 Resp: 212896
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.8 68.3

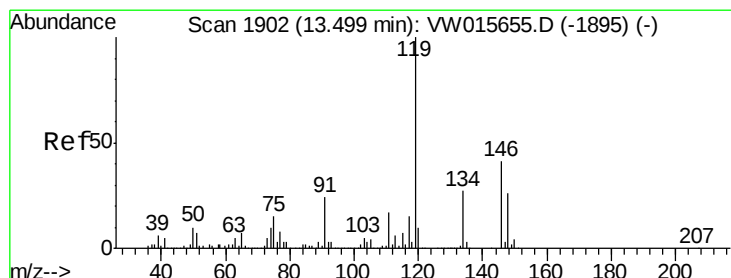
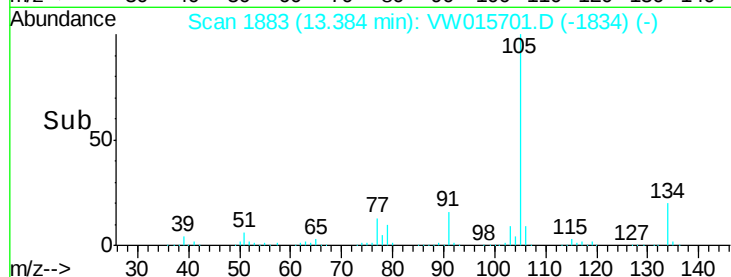
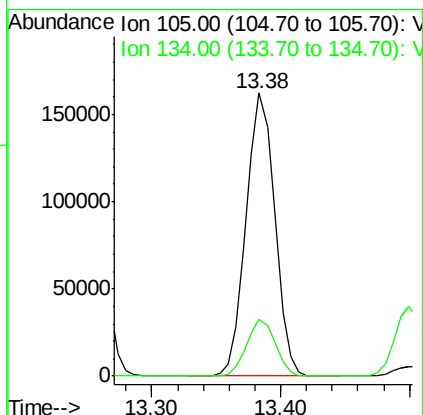
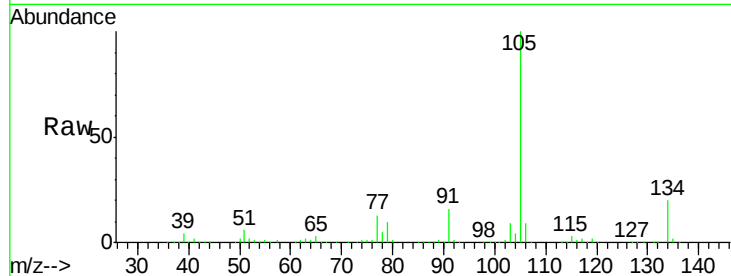




#85
 sec-Butylbenzene
 Concen: 19.757 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

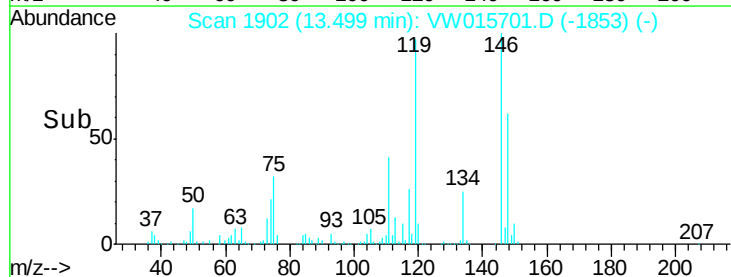
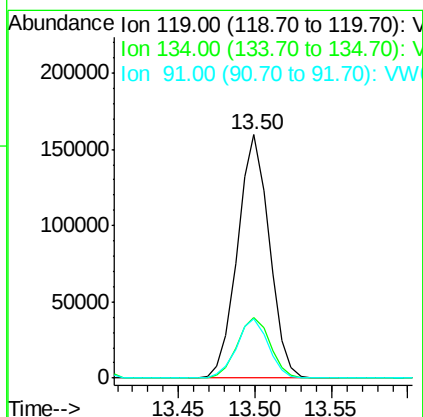
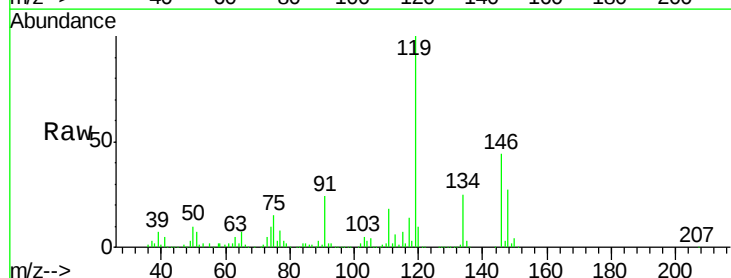
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

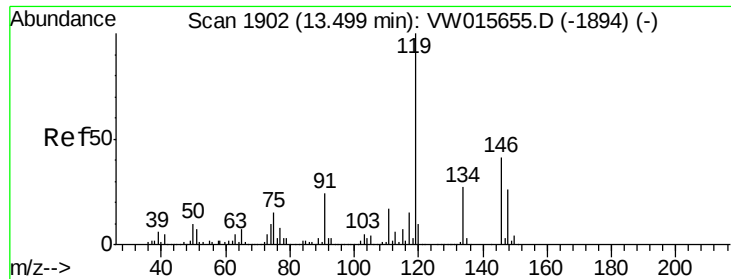
Tgt Ion:105 Resp: 249855
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.002 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion:119 Resp: 229830
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 24.3 12.3 36.8

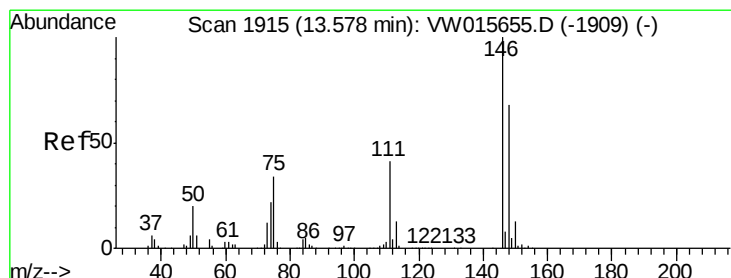
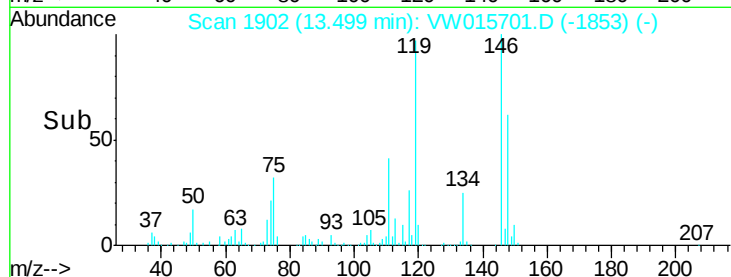
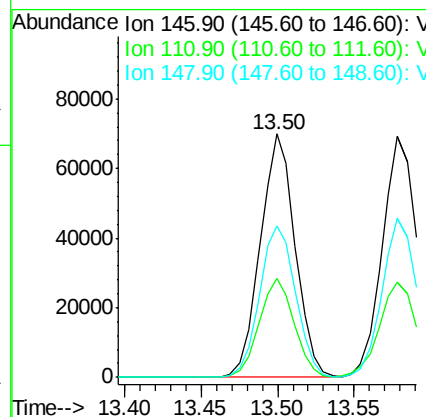
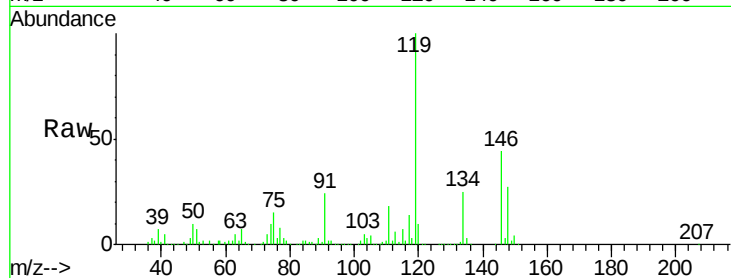




#87
 1,3-Dichlorobenzene
 Concen: 20.238 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

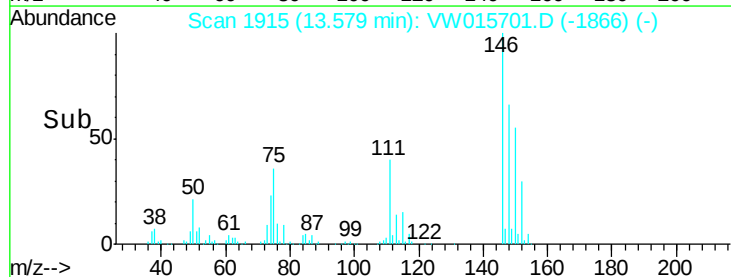
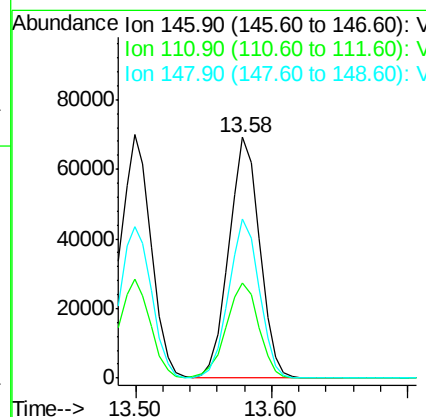
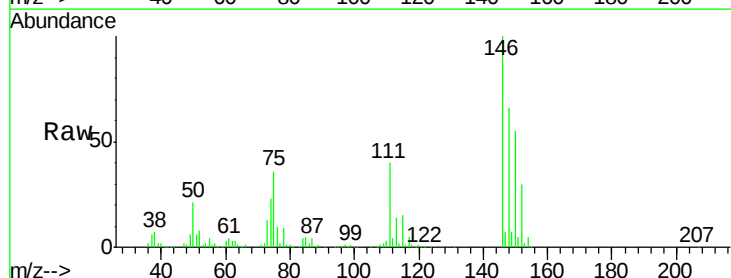
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

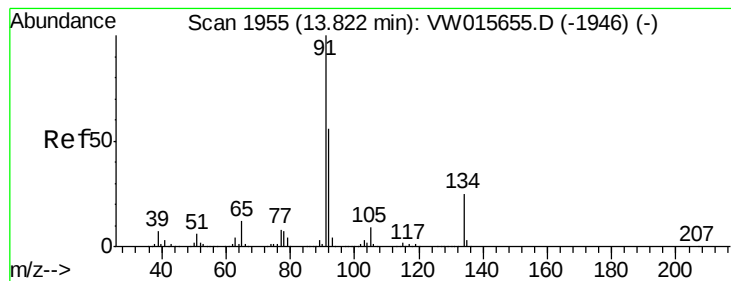
Tgt Ion:146 Resp: 110726
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 64.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.025 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion:146 Resp: 108507
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 60.9
 148 65.8 33.7 101.1





#89

n-Butylbenzene

Concen: 19.294 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

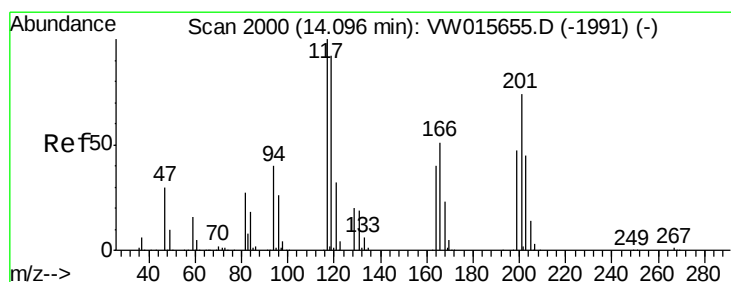
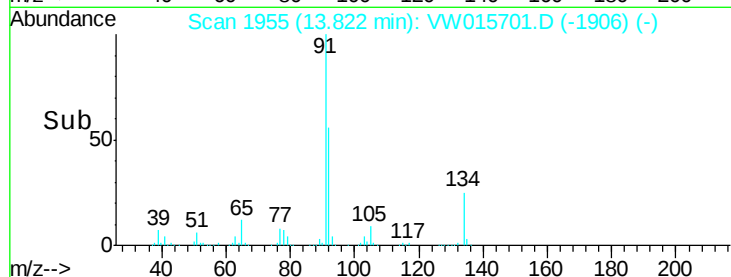
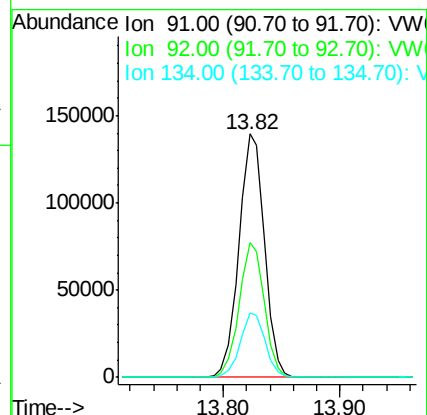
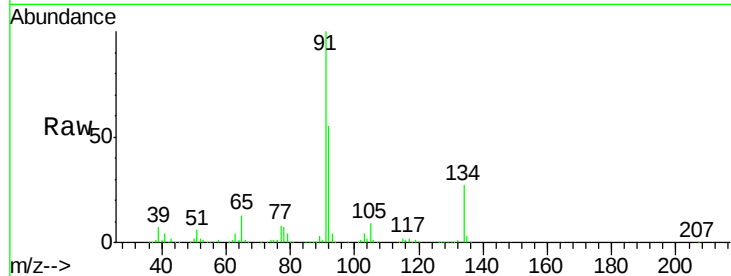
Tgt Ion: 91 Resp: 212819

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 19.065 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW015701.D

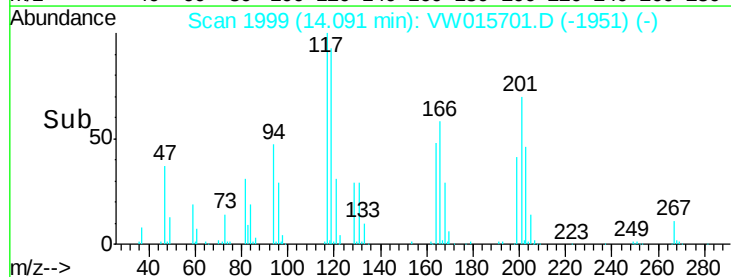
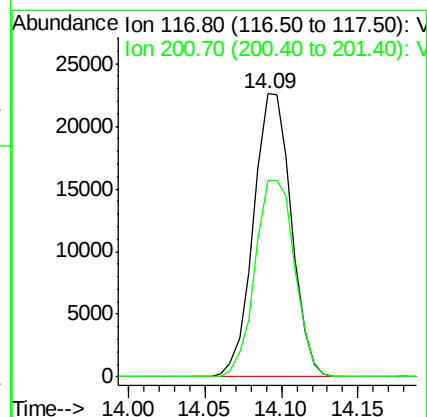
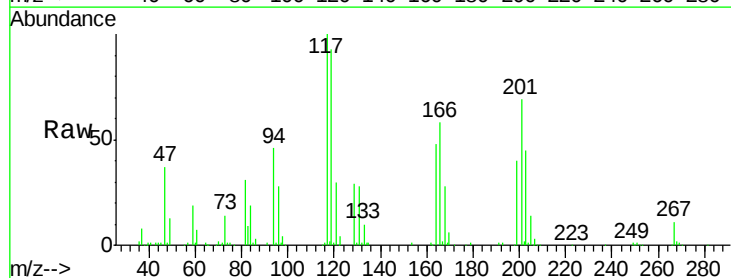
Acq: 25 Jun 2020 00:12

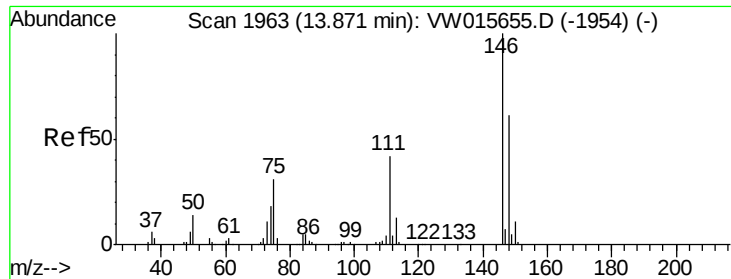
Tgt Ion: 117 Resp: 38984

Ion Ratio Lower Upper

117 100

201 72.7 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 21.351 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

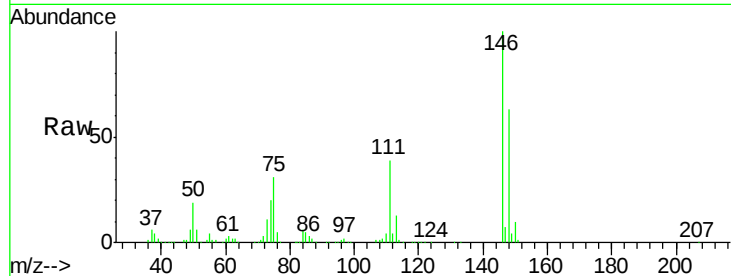
Tgt Ion:146 Resp: 100999

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

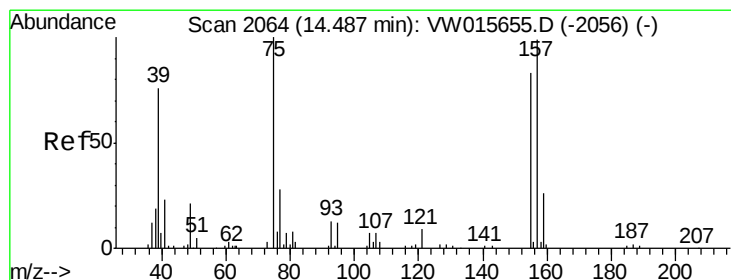
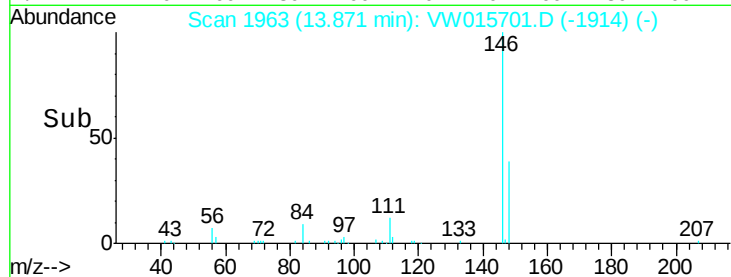
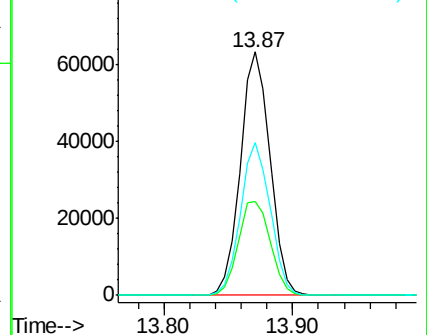
148 62.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.752 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

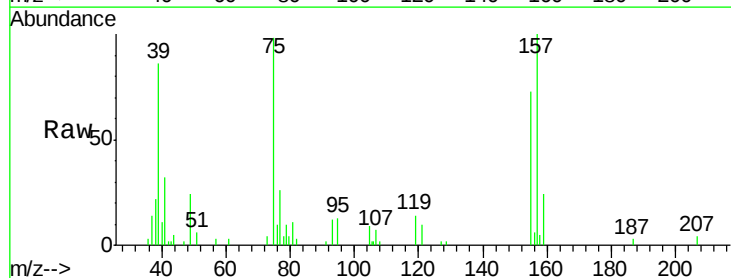
Tgt Ion: 75 Resp: 6254

Ion Ratio Lower Upper

75 100

155 78.1 40.8 122.2

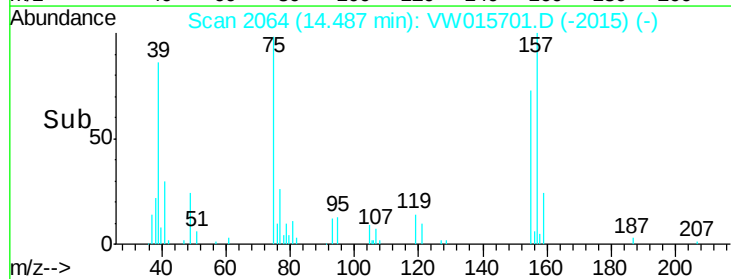
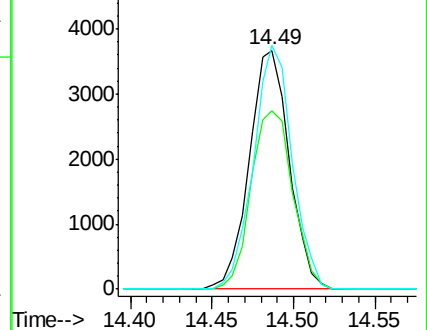
157 99.0 50.7 152.1

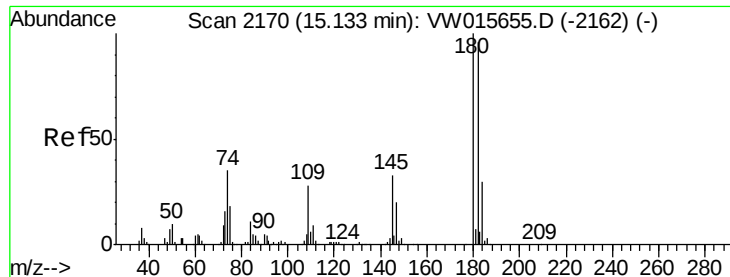


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

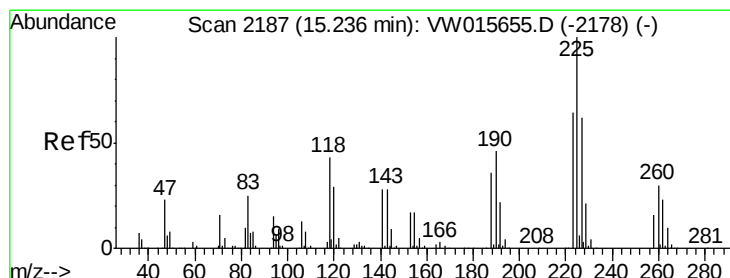
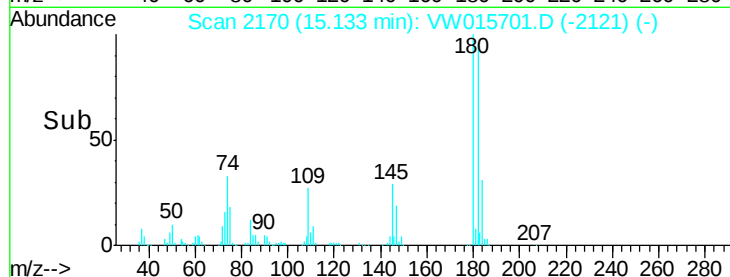
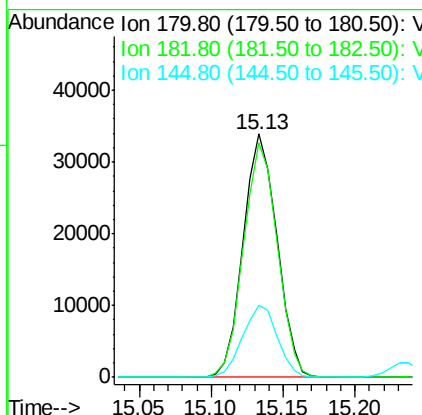
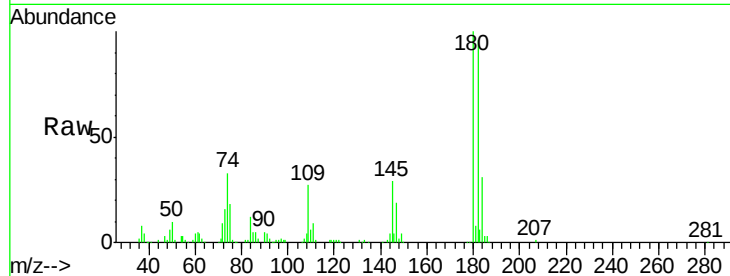




#93
 1,2,4-Trichlorobenzene
 Concen: 17.670 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

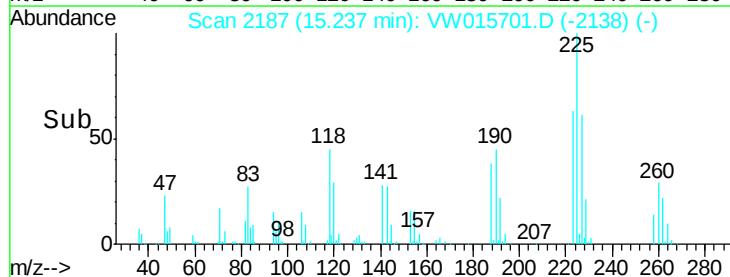
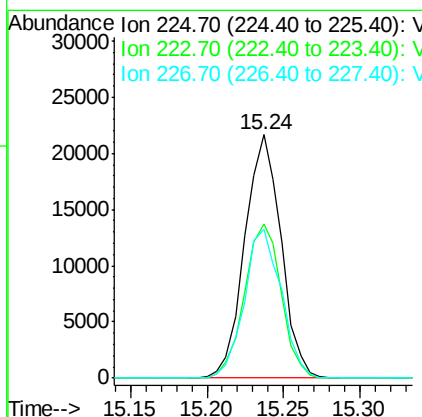
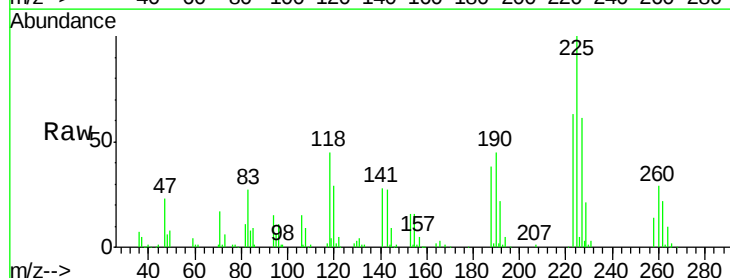
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tgt Ion:180 Resp: 55199
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.9 143.6
 145 30.3 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 17.953 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion:225 Resp: 35728
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.0 93.0
 227 62.2 31.9 95.9

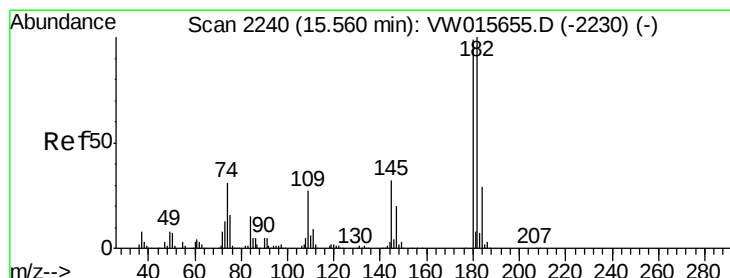
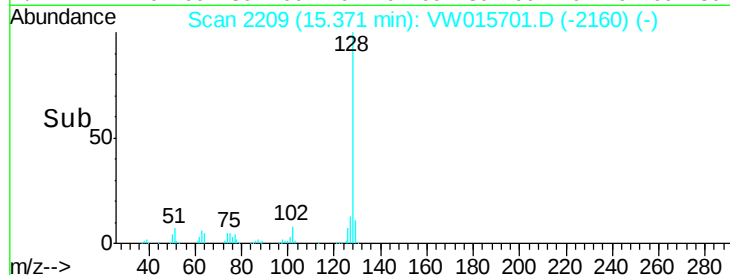
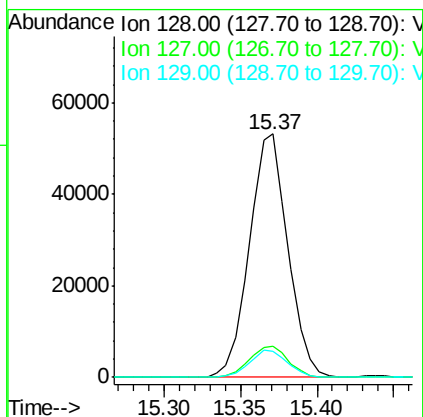
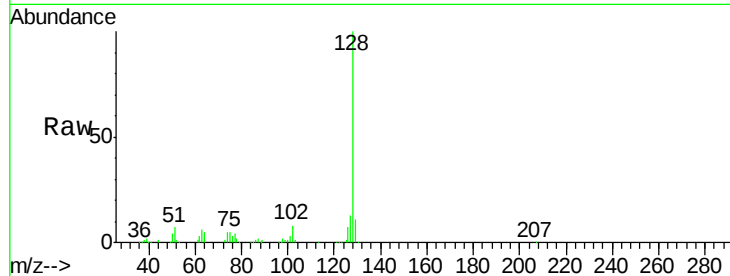




#95
Naphthalene
Concen: 17.950 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tgt Ion:128 Resp: 92745
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.170 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion:180 Resp: 46179
Ion Ratio Lower Upper
180 100
182 98.3 49.0 147.0
145 33.4 16.4 49.2

