

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
 Data File : VW003753.D
 Acq On : 07 Jul 2018 01:24
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 07 03:54:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179463	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	428920	150.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.66%	
35) Dibromofluoromethane	7.88	113	378405	152.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.82%	
50) Toluene-d8	10.32	98	1502926	154.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.18%	
62) 4-Bromofluorobenzene	12.62	95	544217	155.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	178721	157.950	ug/l	97
3) Chloromethane	2.20	50	267781	141.261	ug/l	97
4) Vinyl Chloride	2.36	62	368666	142.857	ug/l	99
5) Bromomethane	2.77	94	271444	158.079	ug/l	99
6) Chloroethane	2.91	64	247654	159.742	ug/l	98
7) Trichlorofluoromethane	3.24	101	142295	107.622	ug/l	99
8) Diethyl Ether	3.67	74	160602	130.237	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	328266	144.286	ug/l	99
10) Methyl Iodide	4.26	142	512063	153.529	ug/l	99
11) Tert butyl alcohol	5.22	59	125223	714.207	ug/l	98
12) 1,1-Dichloroethene	4.03	96	342452	151.522	ug/l	98
13) Acrolein	3.90	56	133739	1174.145	ug/l	100
14) Allyl chloride	4.65	41	574123	148.378	ug/l	97
15) Acrylonitrile	5.37	53	451180	756.878	ug/l	99
16) Acetone	4.14	43	389612	588.229	ug/l	100
17) Carbon Disulfide	4.37	76	1044434	153.876	ug/l	99
18) Methyl Acetate	4.67	43	223385	135.824	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	698752	155.866	ug/l	99
20) Methylene Chloride	4.90	84	370525	120.810	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	384397	154.397	ug/l	99
22) Diisopropyl ether	6.31	45	1284169	159.958	ug/l	97
23) Vinyl Acetate	6.25	43	3995673	816.683	ug/l	100
24) 1,1-Dichloroethane	6.21	63	735669	154.192	ug/l	99
25) 2-Butanone	7.18	43	631404	727.104	ug/l	100
26) 2,2-Dichloropropane	7.17	77	362063	126.023	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	431954	158.797	ug/l	98
28) Bromochloromethane	7.51	49	313314	150.309	ug/l	99
29) Tetrahydrofuran	7.53	42	410635	779.962	ug/l	99
30) Chloroform	7.67	83	737978	152.719	ug/l	99
31) Cyclohexane	7.95	56	623238	144.421	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	546553	145.806	ug/l	99
36) 1,1-Dichloropropene	8.08	75	577801	151.364	ug/l	100
37) Ethyl Acetate	7.26	43	274433	146.454	ug/l	99
38) Carbon Tetrachloride	8.07	117	536235	147.759	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	683855	156.480	ug/l	98
40) Benzene	8.32	78	1650811	153.349	ug/l	99
41) Methacrylonitrile	7.49	41	172649	161.495	ug/l	94
42) 1,2-Dichloroethane	8.40	62	508425	148.991	ug/l	99
43) Isopropyl Acetate	8.43	43	555819	156.809	ug/l	100
44) Trichloroethene	9.09	130	421133	151.611	ug/l	97
45) 1,2-Dichloropropane	9.37	63	432833	154.617	ug/l	100
46) Dibromomethane	9.46	93	219612	150.362	ug/l	99
47) Bromodichloromethane	9.65	83	557346	155.028	ug/l	99
48) Methyl methacrylate	9.44	41	280603	166.510	ug/l	98
49) 1,4-Dioxane	9.47	88	71437	3139.587	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	1452816	775.476	ug/l	99
52) Toluene	10.39	92	1041688	155.292	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	585922	157.549	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	661341	157.307	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	309479	150.713	ug/l	96
56) Ethyl methacrylate	10.65	69	434908	168.150	ug/l	99
57) 1,3-Dichloropropane	10.93	76	544200	152.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1063764	925.793	ug/l	100
59) 2-Hexanone	10.98	43	1007675	755.712	ug/l	99
60) Dibromochloromethane	11.13	129	374131	155.517	ug/l	100
61) 1,2-Dibromoethane	11.24	107	298100	151.104	ug/l	100
64) Tetrachloroethene	10.87	164	393982	160.029	ug/l	98
65) Chlorobenzene	11.66	112	1136504	149.771	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	406426	153.462	ug/l	99
67) Ethyl Benzene	11.74	91	2086546	157.498	ug/l	100
68) m/p-Xylenes	11.84	106	1551190	307.263	ug/l	99
69) o-Xylene	12.17	106	738697	157.985	ug/l	99
70) Styrene	12.19	104	1260535	160.409	ug/l	100
71) Bromoform	12.35	173	226614	152.754	ug/l #	100
73) Isopropylbenzene	12.47	105	2001787	163.648	ug/l	100
74) N-amyl acetate	12.28	43	543913	166.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	362599	149.778	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	495266	304.959	ug/l #	100
77) Bromobenzene	12.75	156	463230	157.612	ug/l	98
78) n-propylbenzene	12.81	91	2431112	160.761	ug/l	100
79) 2-Chlorotoluene	12.90	91	1377225	160.116	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1661250	160.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	119511	156.624	ug/l	95
82) 4-Chlorotoluene	12.99	91	1459268	159.085	ug/l	100
83) tert-Butylbenzene	13.21	119	1417284	162.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1722895	161.387	ug/l	99
85) sec-Butylbenzene	13.39	105	2062773	159.015	ug/l	100
86) p-Isopropyltoluene	13.51	119	1824270	160.562	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	914636	152.997	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	894453	149.652	ug/l	100
89) n-Butylbenzene	13.83	91	1770105	157.917	ug/l	100
90) Hexachloroethane	14.10	117	338295	160.051	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	814883	152.183	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	64189	151.714	ug/l	99

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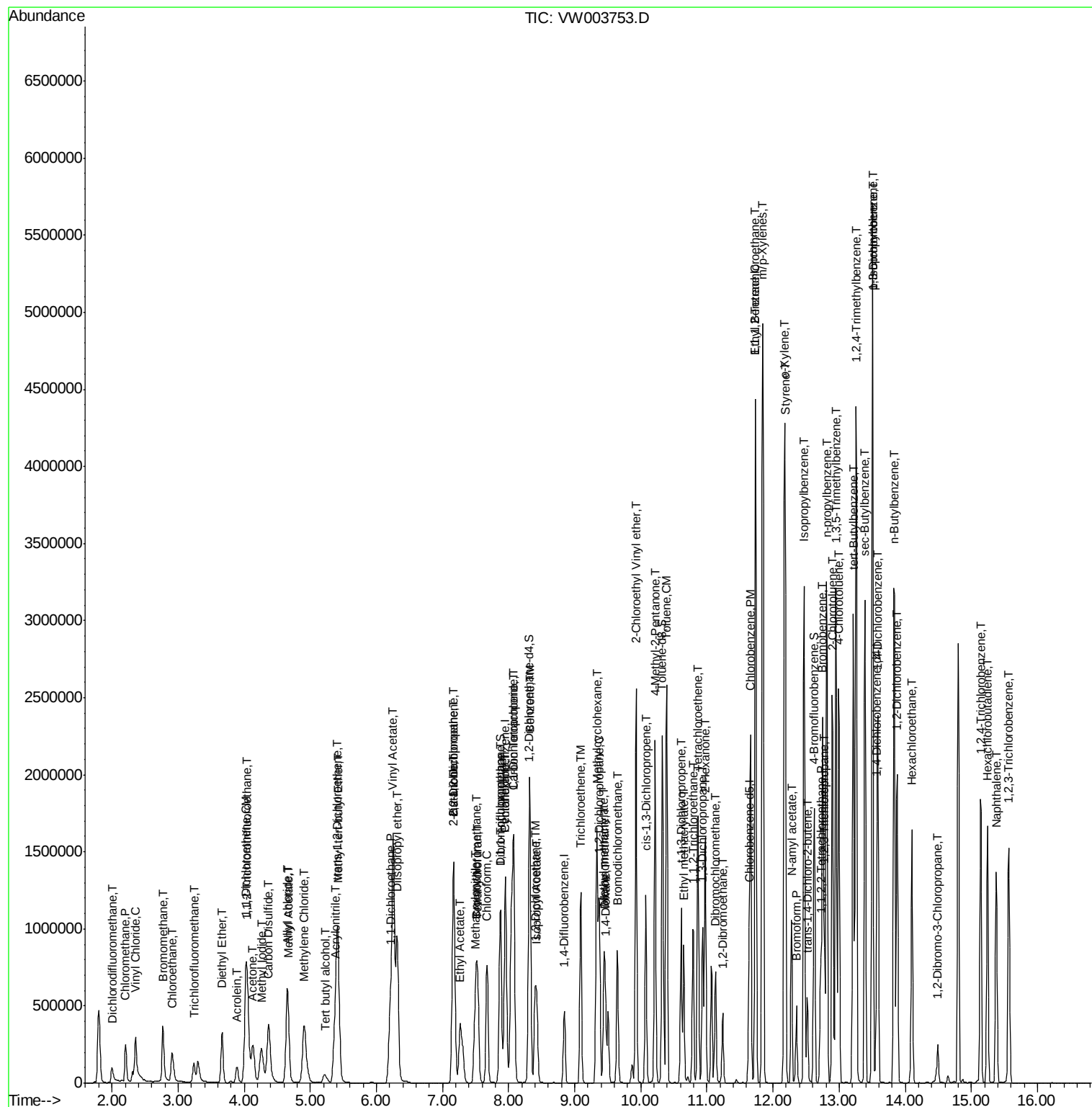
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	580749	154.280	ug/l	99
94) Hexachlorobutadiene	15.24	225	317786	147.164	ug/l	98
95) Naphthalene	15.38	128	1131528	164.520	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	518690	154.074	ug/l	100

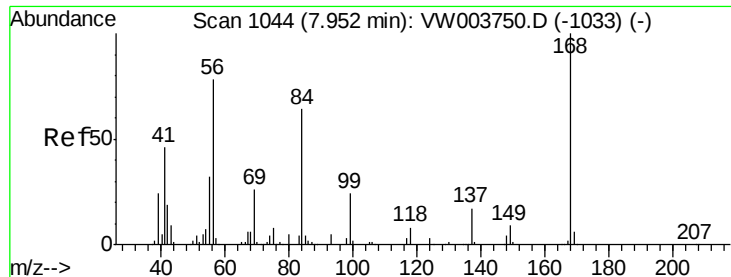
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

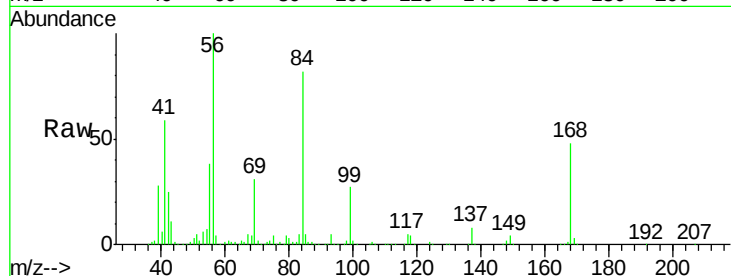
VSTDIC150

Tgt Ion:168 Resp: 235536

Ion Ratio Lower Upper

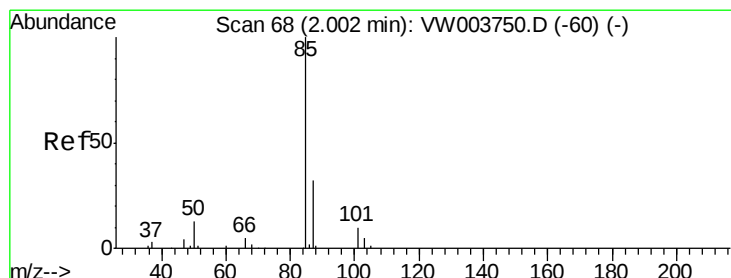
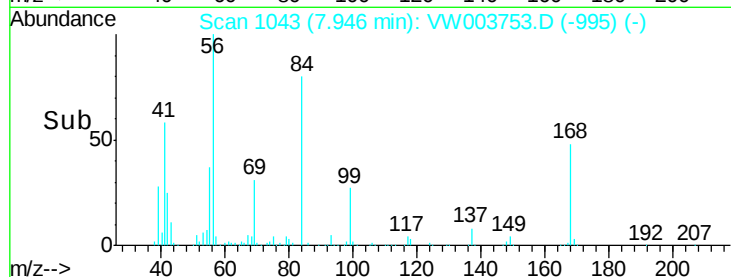
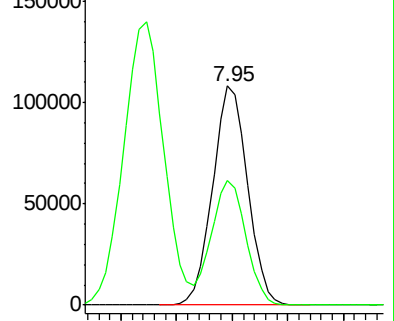
168 100

99 57.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 157.950 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003753.D

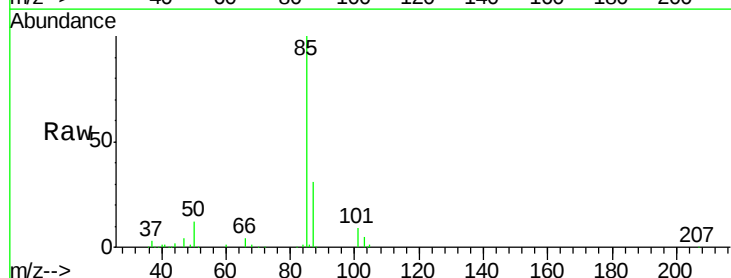
Acq: 07 Jul 2018 01:24

Tgt Ion: 85 Resp: 178721

Ion Ratio Lower Upper

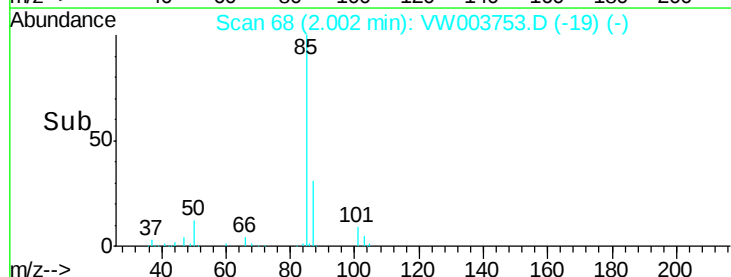
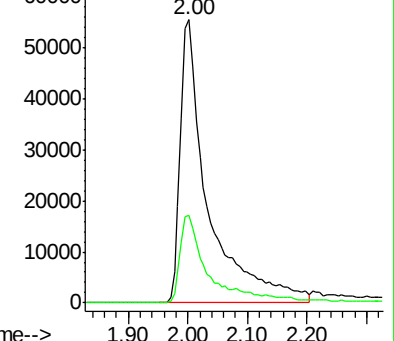
85 100

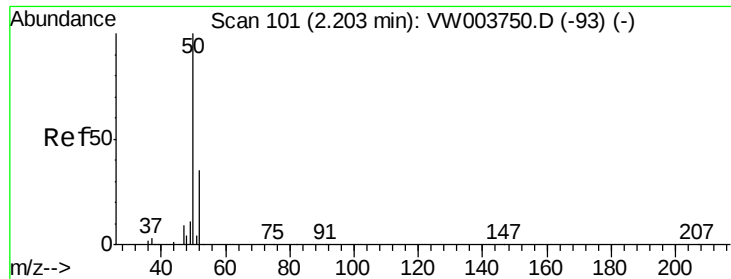
87 30.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 141.261 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

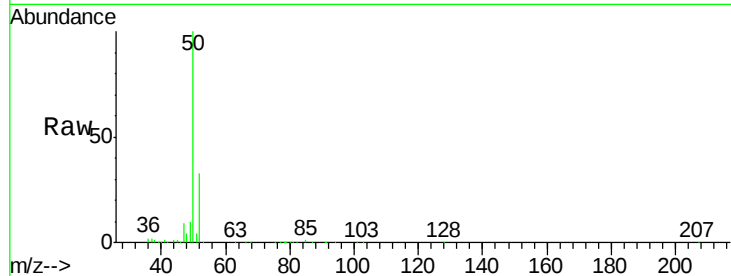
VSTDIC150

Tgt Ion: 50 Resp: 267781

Ion Ratio Lower Upper

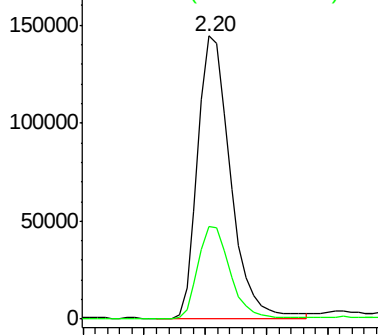
50 100

52 33.0 27.8 41.6

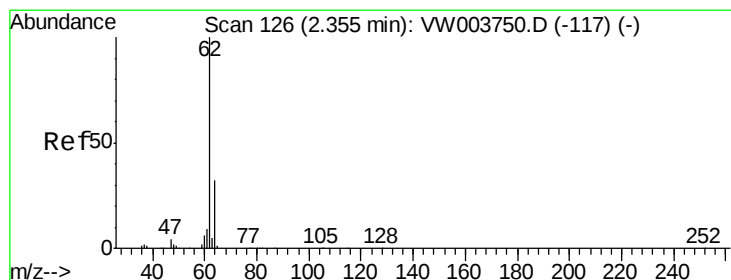
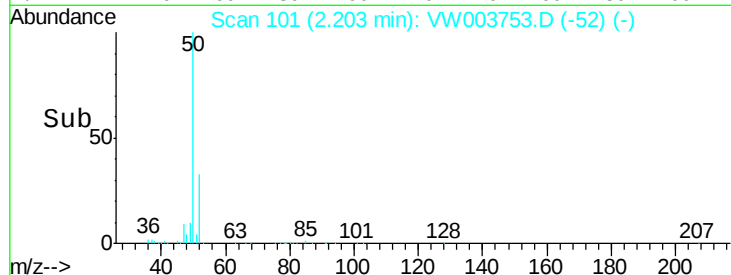


Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



Time--> 2.10 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 142.857 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003753.D

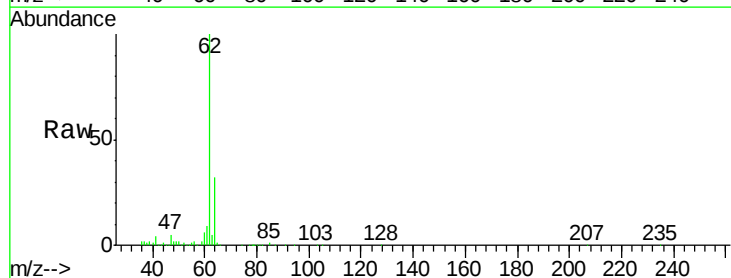
Acq: 07 Jul 2018 01:24

Tgt Ion: 62 Resp: 368666

Ion Ratio Lower Upper

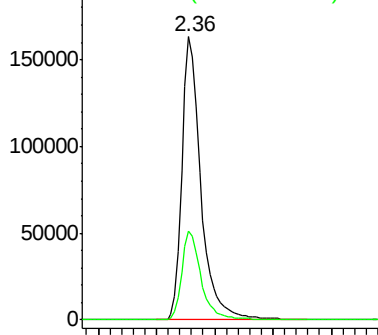
62 100

64 31.6 25.8 38.8

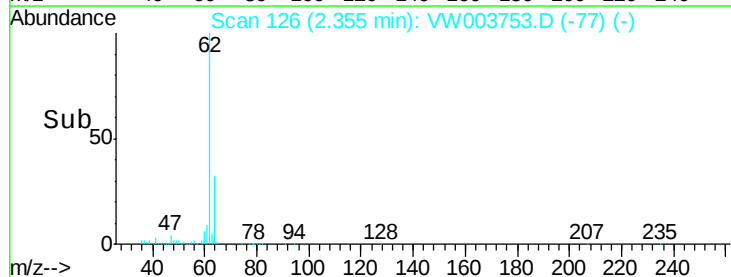


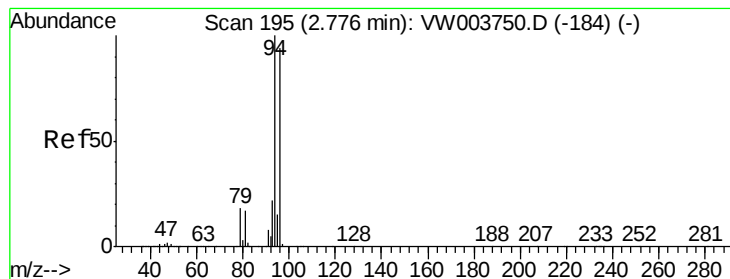
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



Time--> 2.20 2.30 2.40 2.50 2.60





#5

Bromomethane

Concen: 158.079 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

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ClientSampleId :

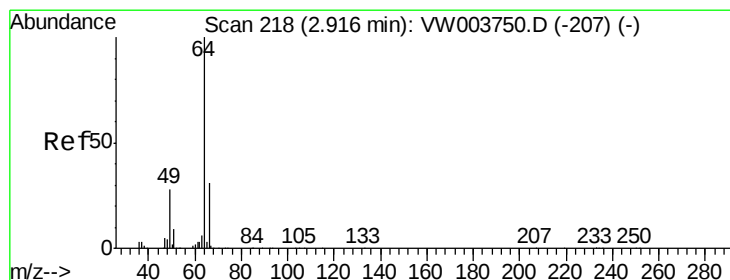
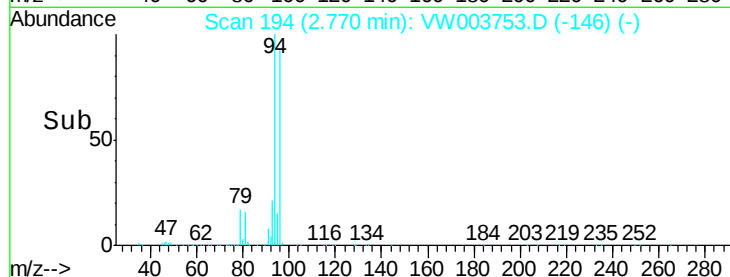
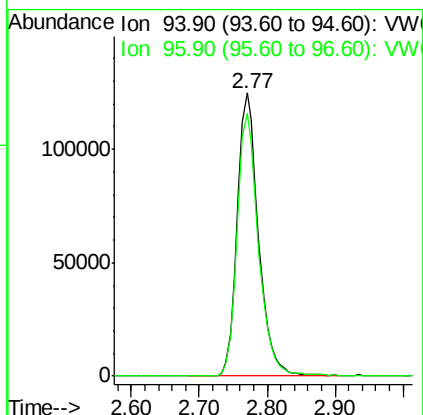
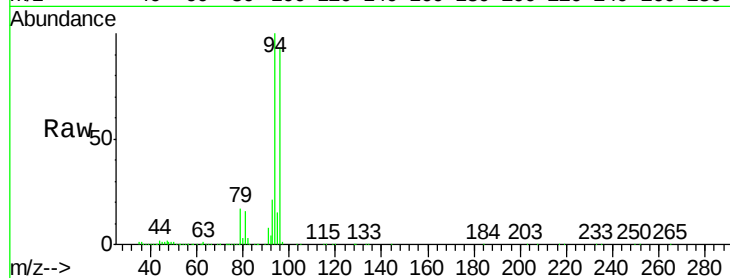
VSTDIC150

Tgt Ion: 94 Resp: 271444

Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2



#6

Chloroethane

Concen: 159.742 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003753.D

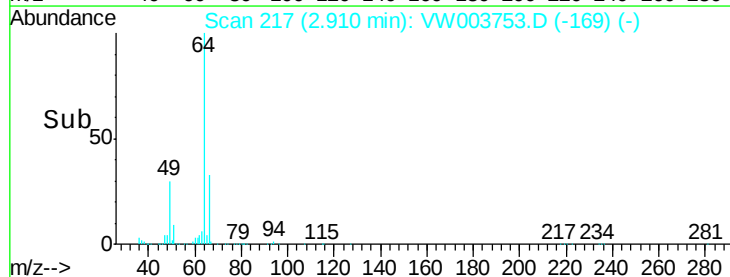
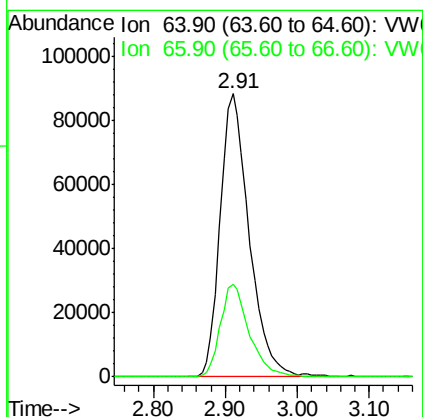
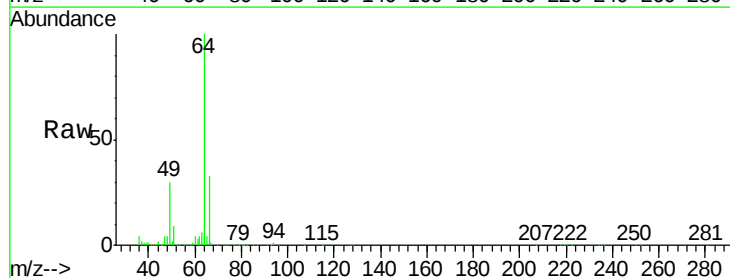
Acq: 07 Jul 2018 01:24

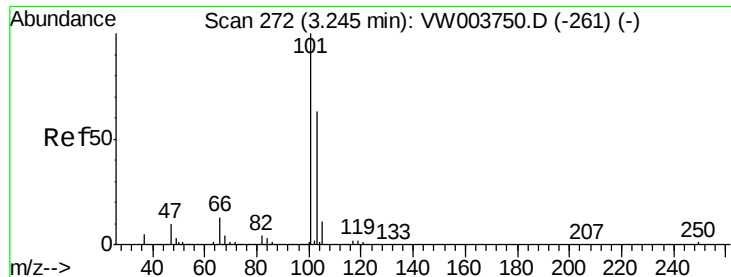
Tgt Ion: 64 Resp: 247654

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



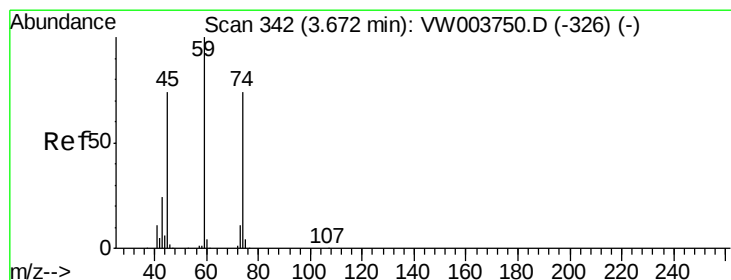
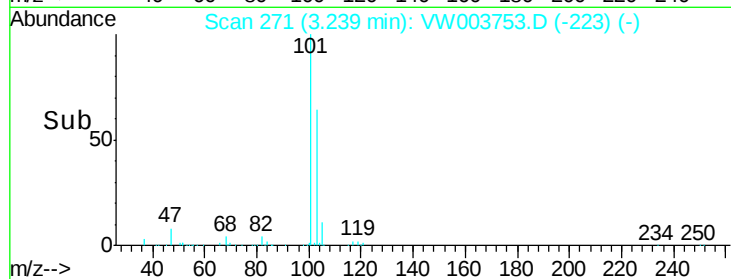
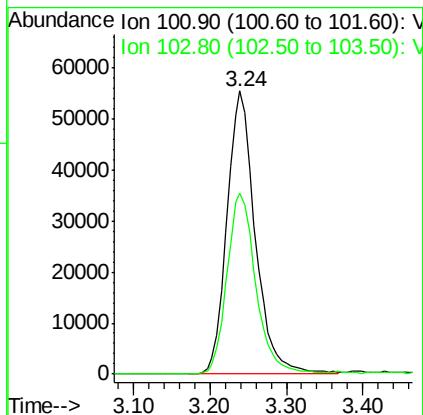
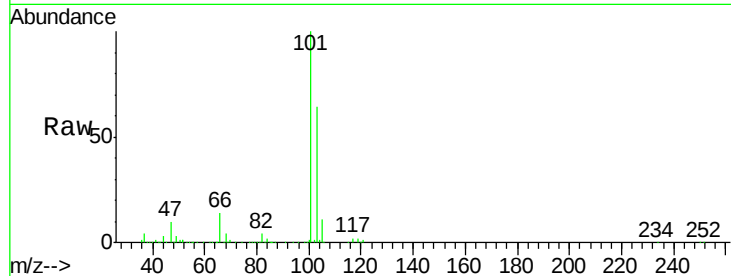


#7

Trichlorofluoromethane
Concen: 107.622 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

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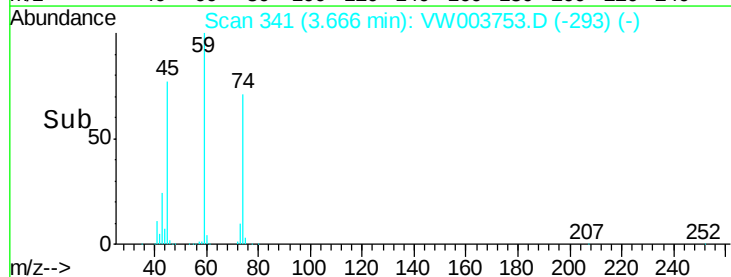
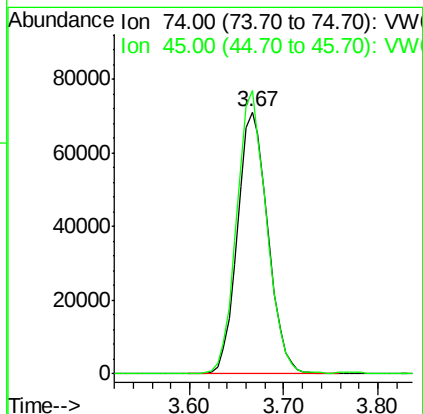
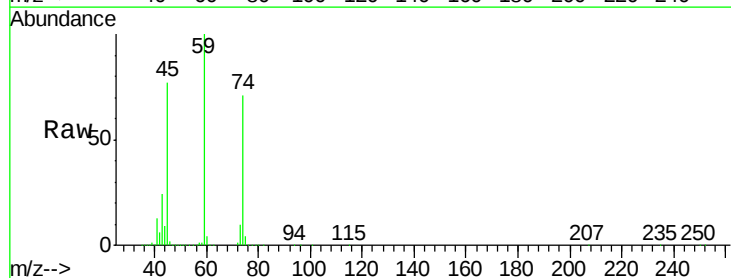
Tgt Ion: 101 Resp: 142295
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

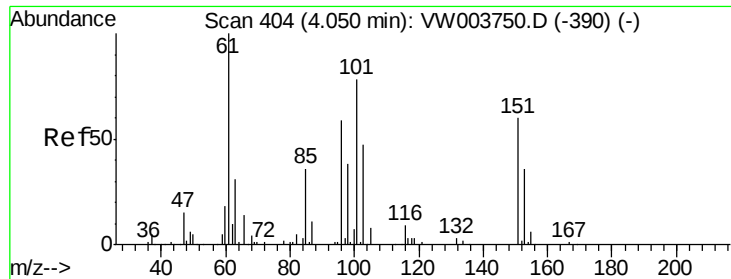


#8

Diethyl Ether
Concen: 130.237 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 74 Resp: 160602
Ion Ratio Lower Upper
74 100
45 105.9 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.286 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

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VSTDIC150

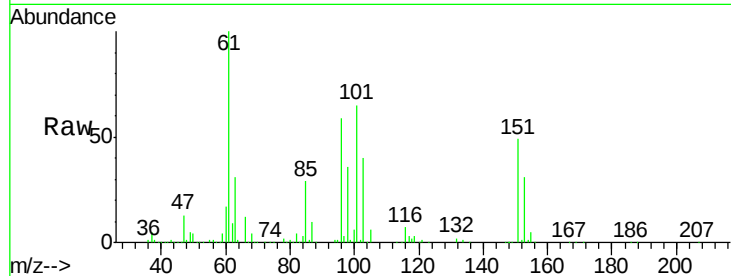
Tgt Ion:101 Resp: 328266

Ion Ratio Lower Upper

101 100

85 45.7 37.1 55.7

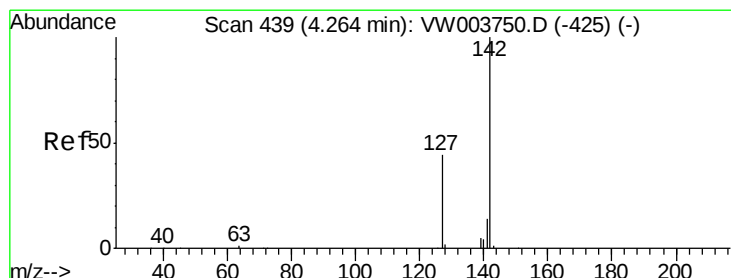
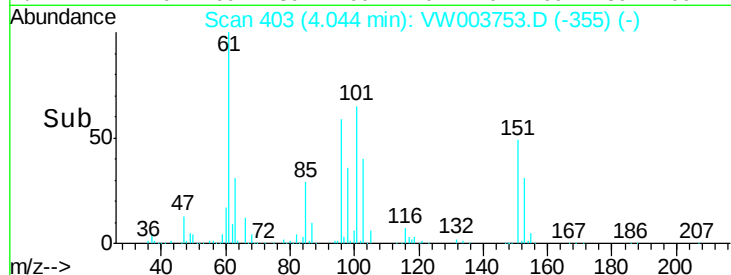
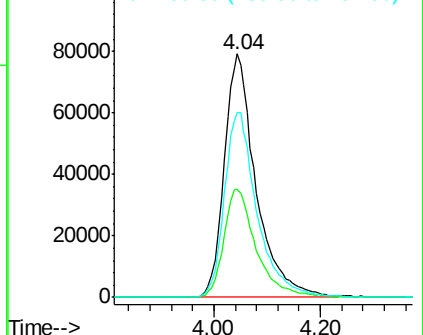
151 78.5 62.3 93.5



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: 153.529 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

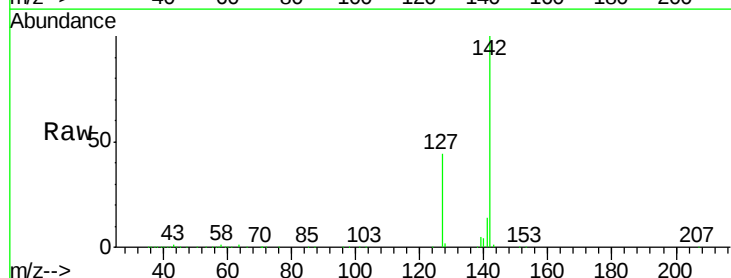
Tgt Ion:142 Resp: 512063

Ion Ratio Lower Upper

142 100

127 44.4 36.1 54.1

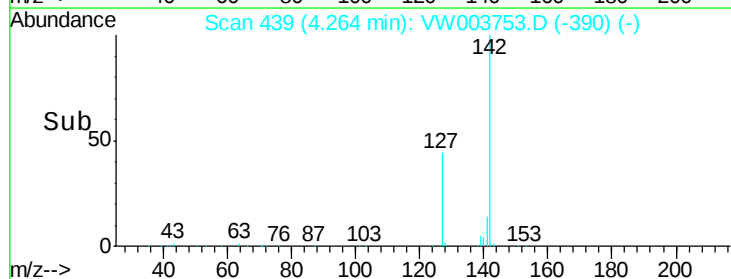
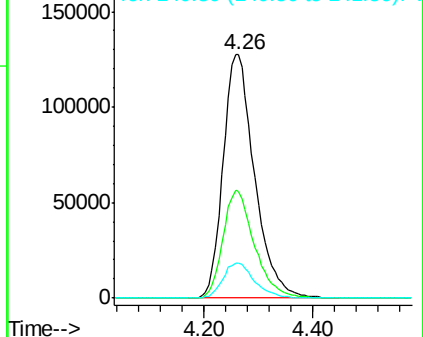
141 14.5 11.6 17.4

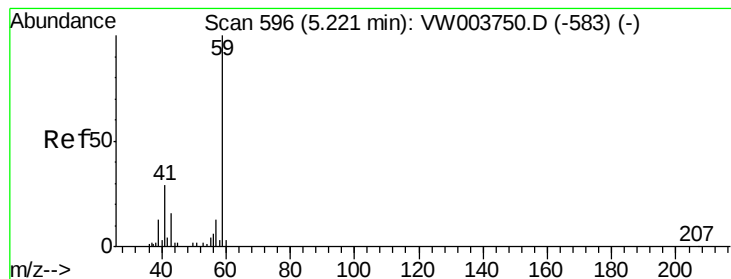


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



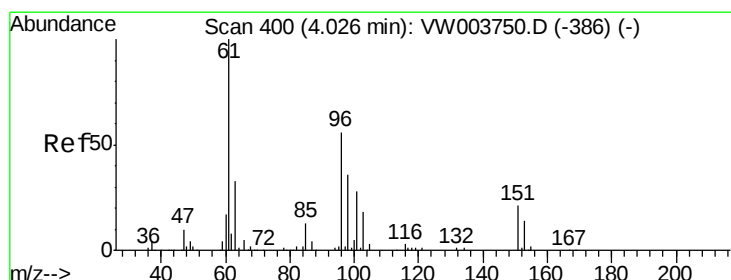
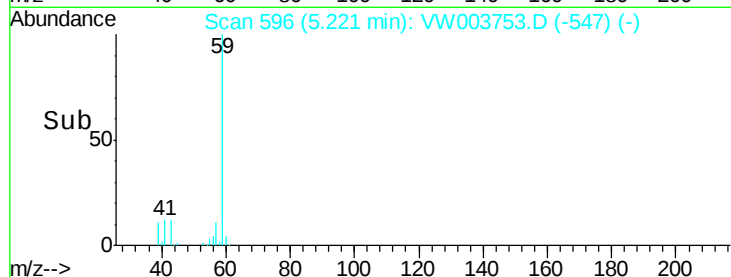
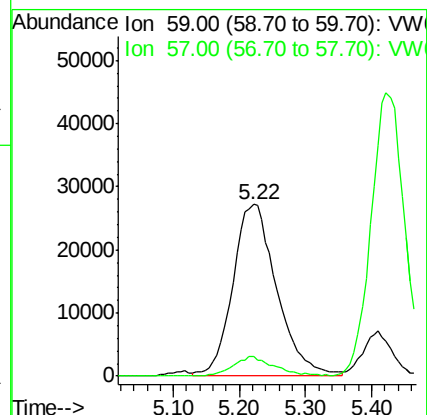
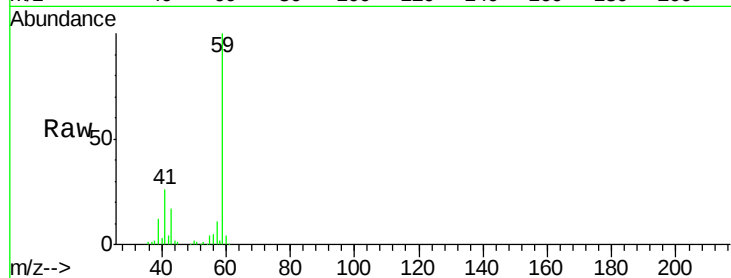


#11

Tert butyl alcohol
Concen: 714.207 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

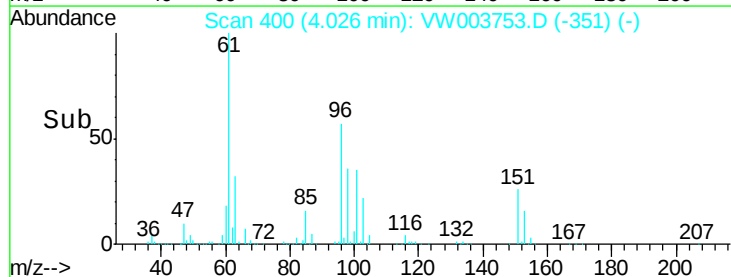
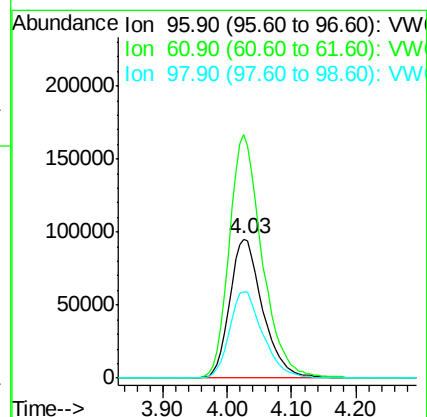
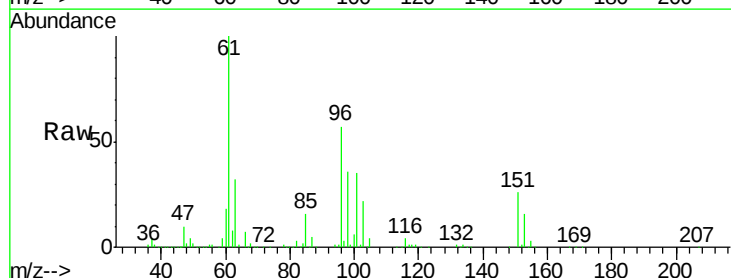
Tgt Ion: 59 Resp: 125223
Ion Ratio Lower Upper
59 100
57 10.8 9.3 13.9

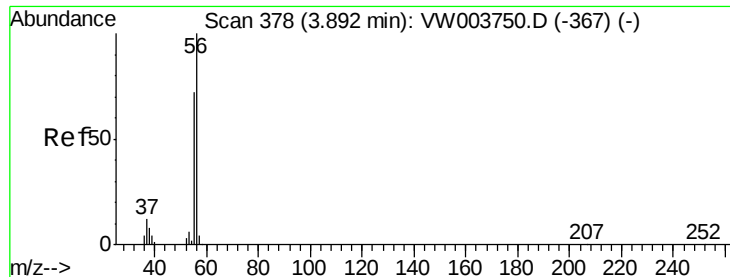


#12

1,1-Dichloroethene
Concen: 151.522 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 96 Resp: 342452
Ion Ratio Lower Upper
96 100
61 175.5 143.2 214.8
98 62.5 51.4 77.0





#13

Acrolein

Concen: 1174.145 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

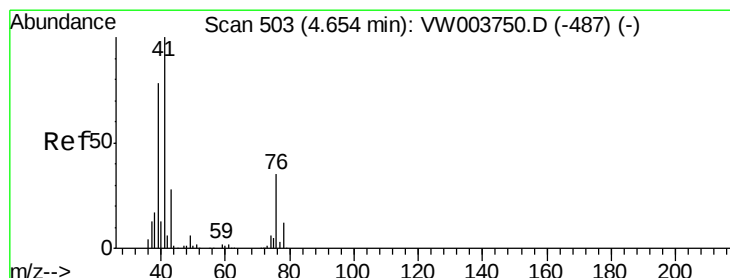
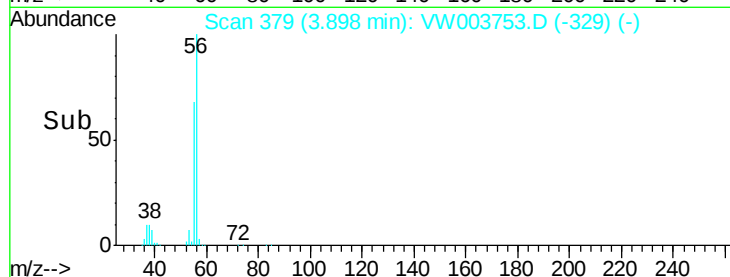
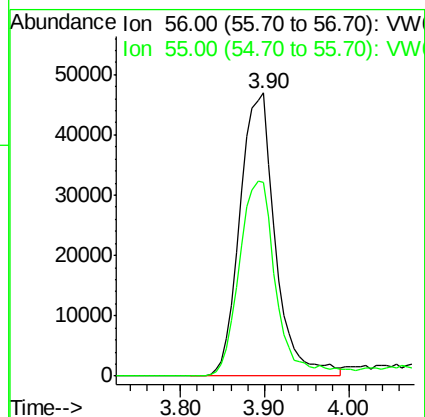
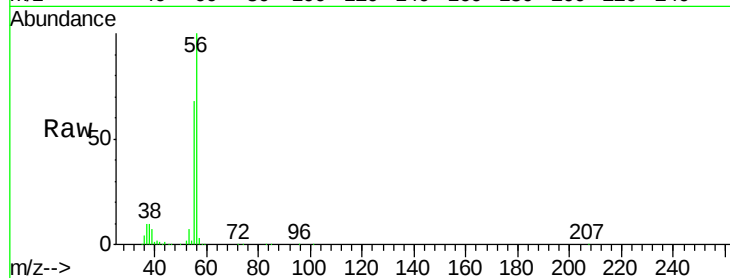
VSTDIC150

Tgt Ion: 56 Resp: 133739

Ion Ratio Lower Upper

56 100

55 72.1 57.5 86.3



#14

Allyl chloride

Concen: 148.378 ug/l

RT: 4.65 min Scan# 502

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

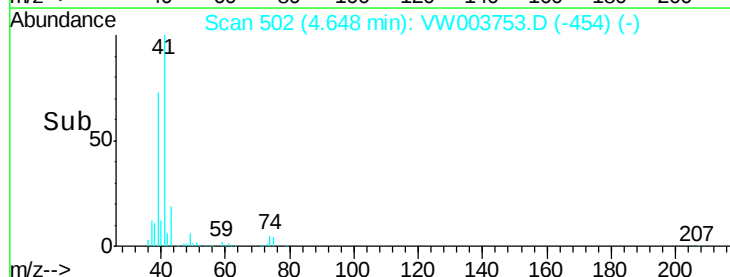
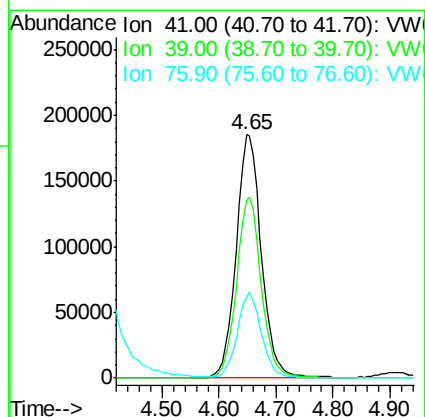
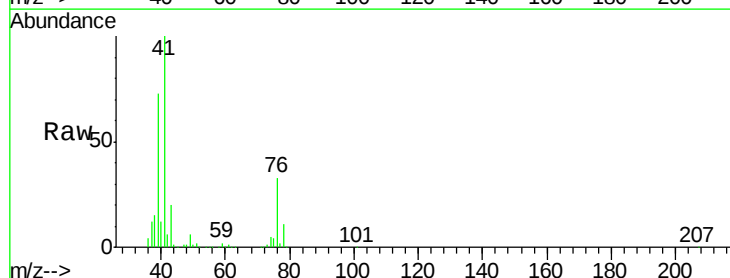
Tgt Ion: 41 Resp: 574123

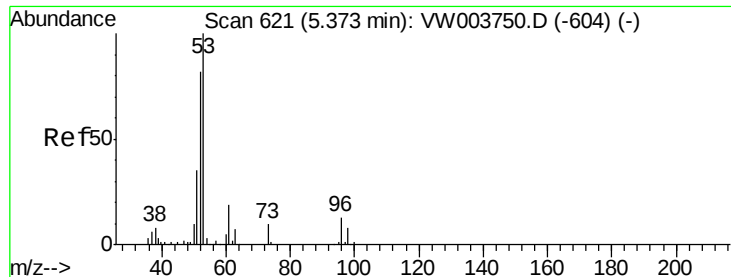
Ion Ratio Lower Upper

41 100

39 72.8 60.9 91.3

76 33.5 27.5 41.3





#15

Acrylonitrile

Concen: 756.878 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

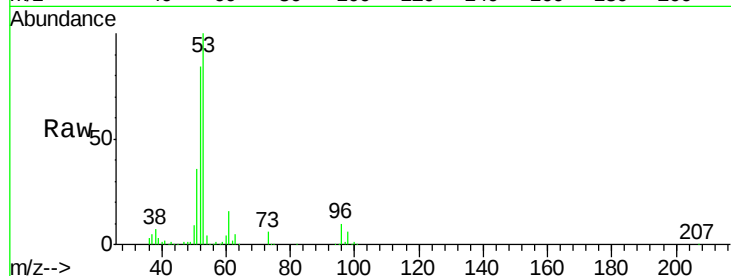
Tgt Ion: 53 Resp: 451180

Ion Ratio Lower Upper

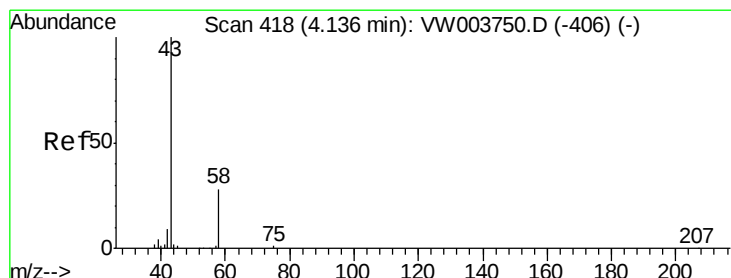
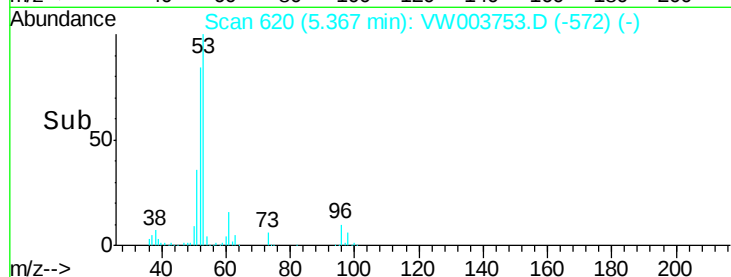
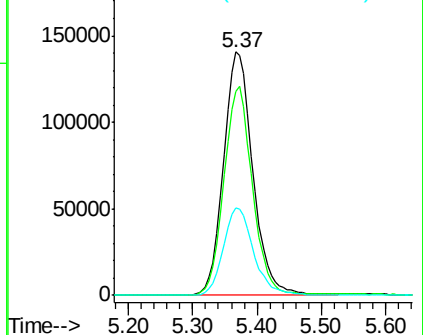
53 100

52 83.4 66.2 99.2

51 36.9 30.2 45.4



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: 588.229 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003753.D

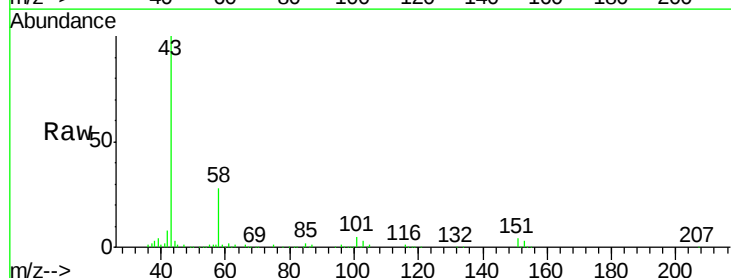
Acq: 07 Jul 2018 01:24

Tgt Ion: 43 Resp: 389612

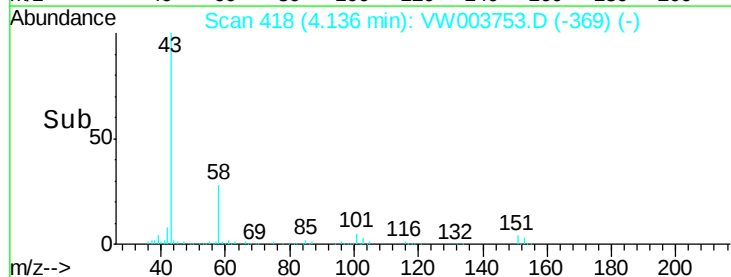
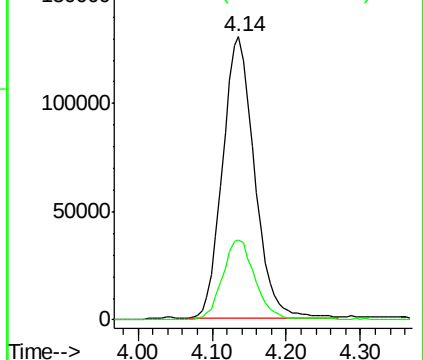
Ion Ratio Lower Upper

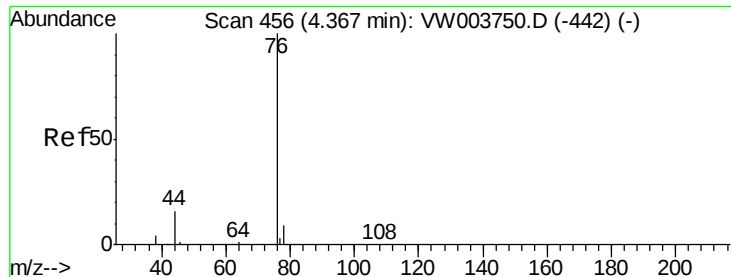
43 100

58 28.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

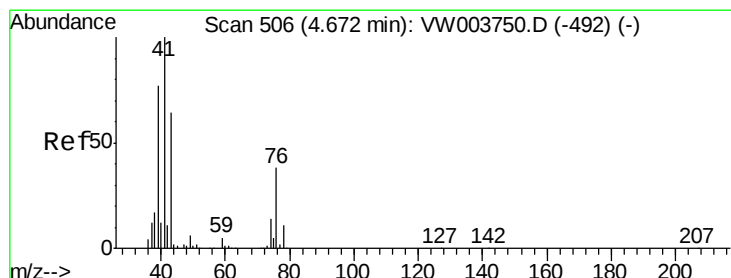
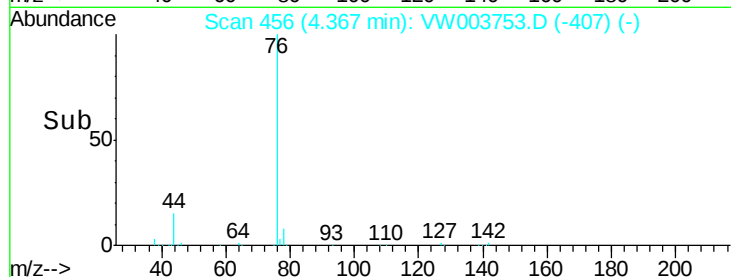
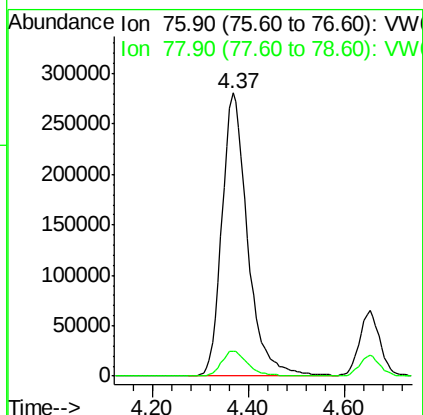
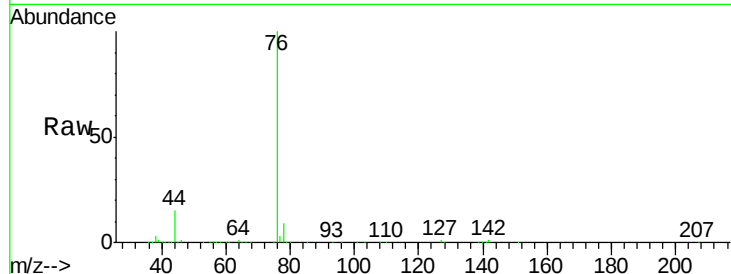




#17
Carbon Disulfide
Concen: 153.876 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

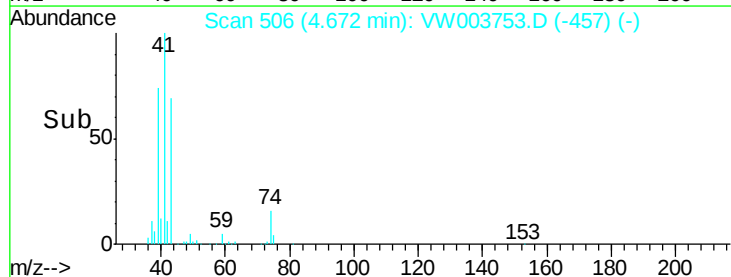
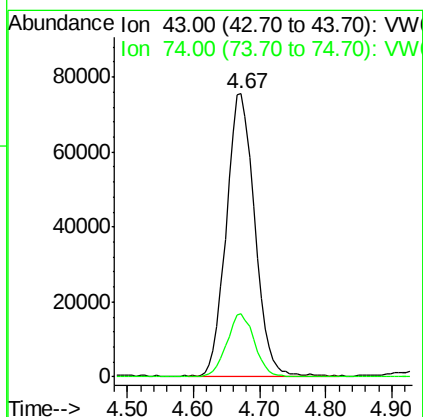
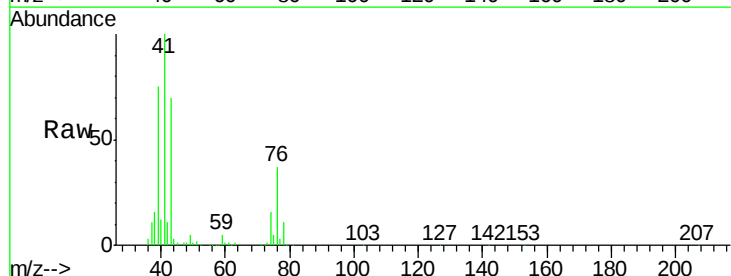
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

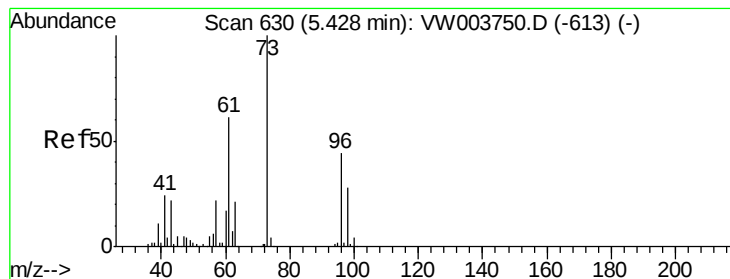
Tgt Ion: 76 Resp: 1044434
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 135.824 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 43 Resp: 223385
Ion Ratio Lower Upper
43 100
74 22.1 17.3 25.9



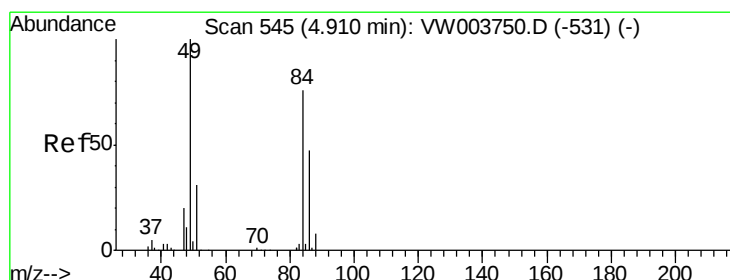
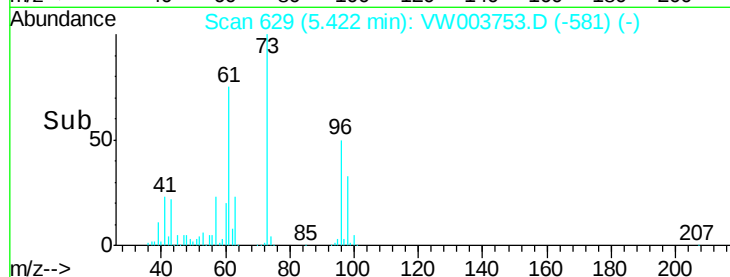
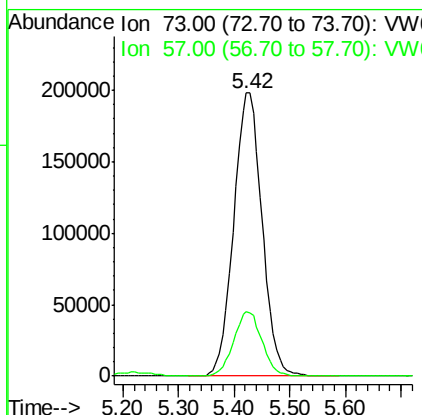
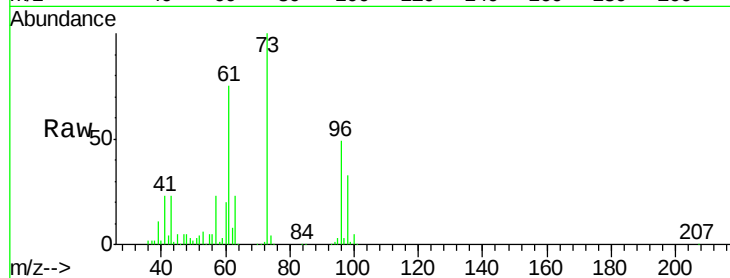


#19

Methyl tert-butyl Ether
 Concen: 155.866 ug/l
 RT: 5.42 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

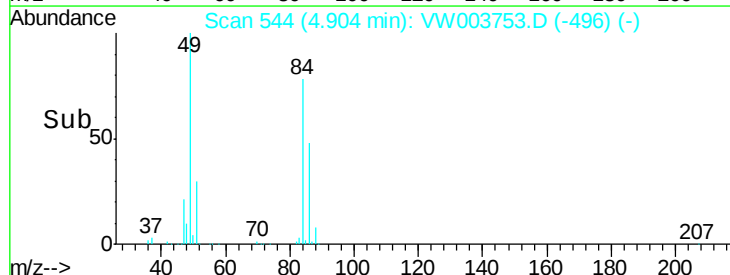
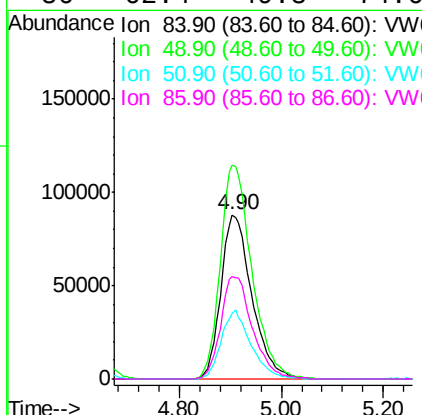
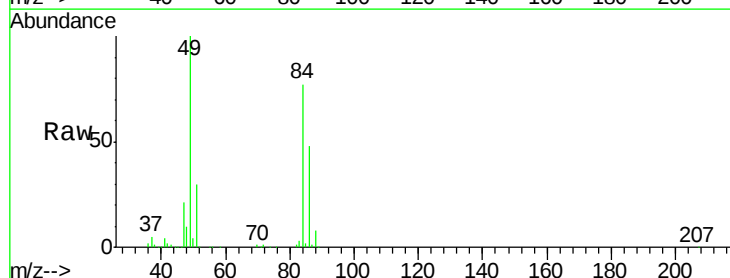
Tgt Ion: 73 Resp: 698752
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.9 26.9

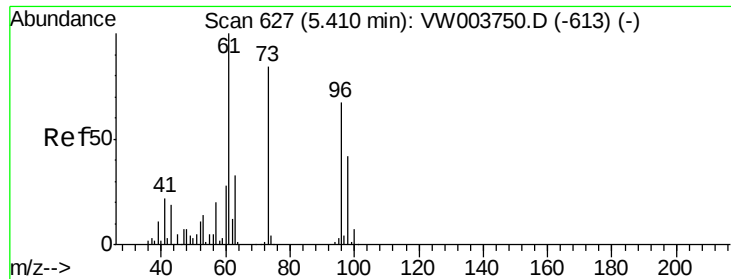


#20

Methylene Chloride
 Concen: 120.810 ug/l
 RT: 4.90 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion: 84 Resp: 370525
 Ion Ratio Lower Upper
 84 100
 49 130.0 105.1 157.7
 51 39.5 32.5 48.7
 86 62.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 154.397 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

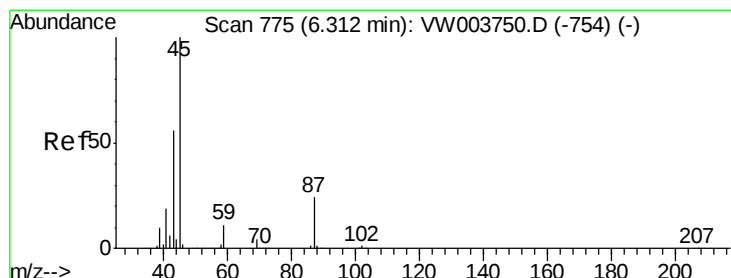
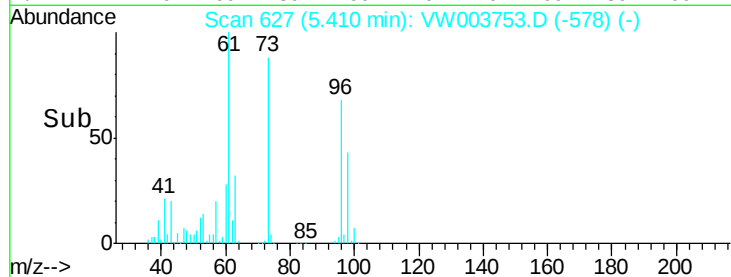
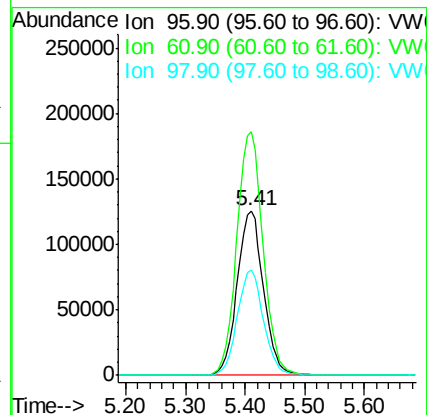
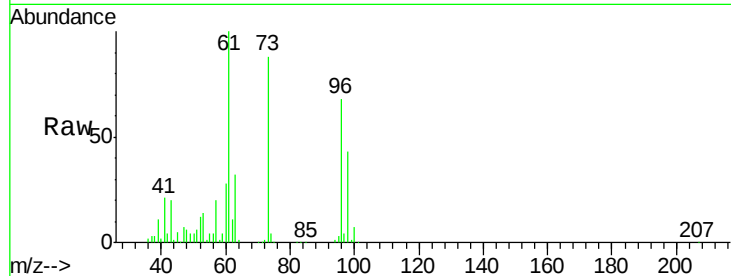
Tgt Ion: 96 Resp: 384397

Ion Ratio Lower Upper

96 100

61 148.1 119.0 178.6

98 64.1 49.8 74.8



#22

Diisopropyl ether

Concen: 159.958 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Tgt Ion: 45 Resp: 1284169

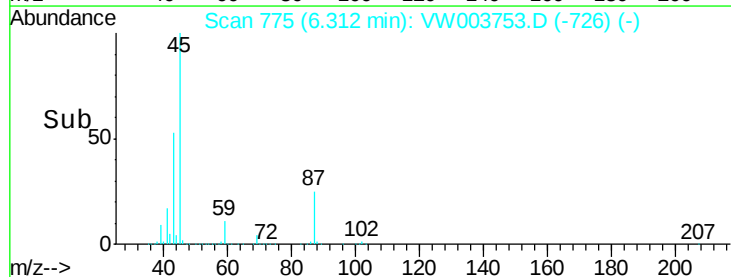
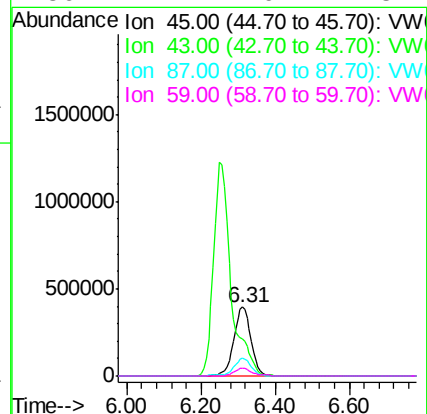
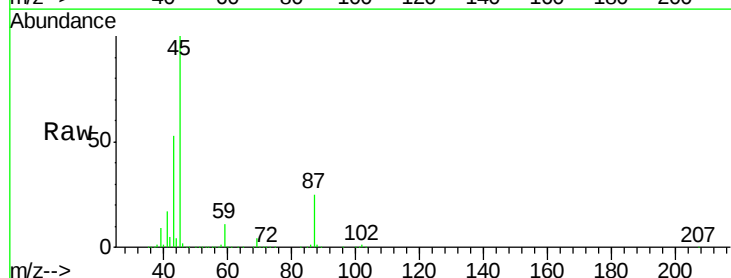
Ion Ratio Lower Upper

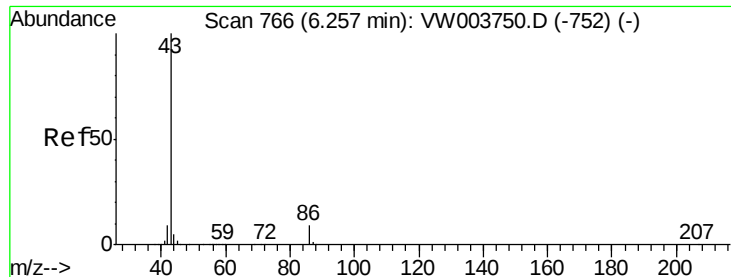
45 100

43 53.0 44.5 66.7

87 25.2 19.6 29.4

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 816.683 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

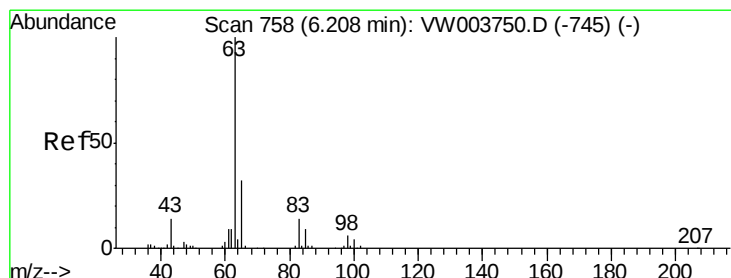
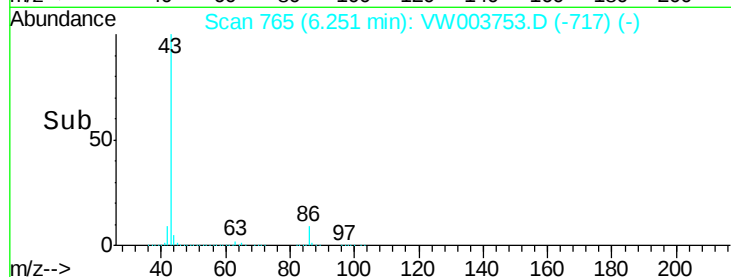
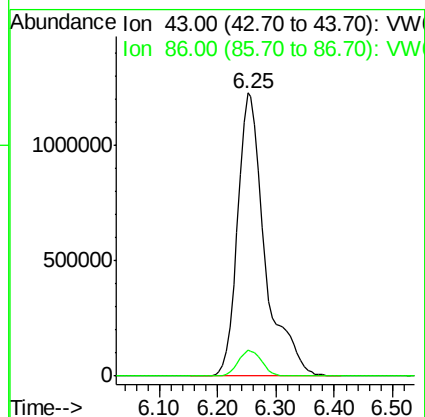
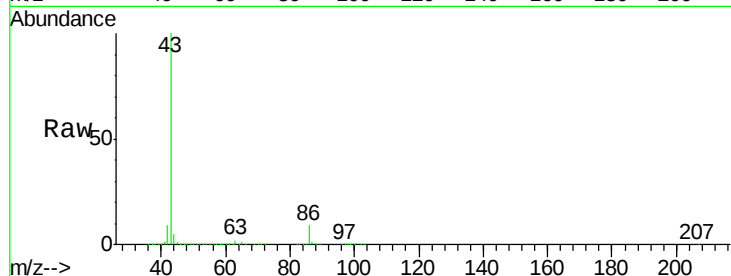
VSTDIC150

Tgt Ion: 43 Resp: 3995673

Ion Ratio Lower Upper

43 100

86 9.2 7.3 10.9



#24

1,1-Dichloroethane

Concen: 154.192 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

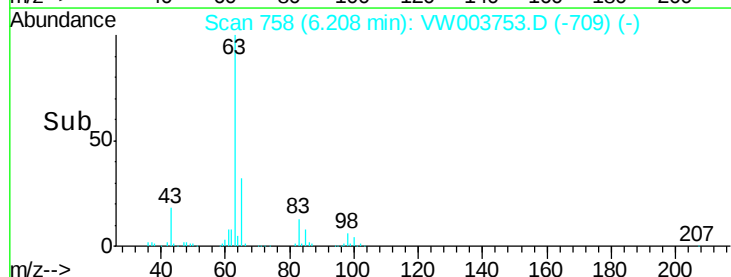
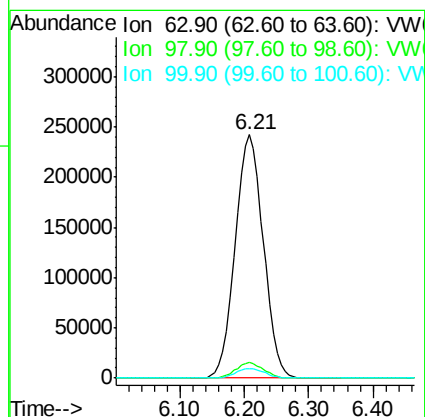
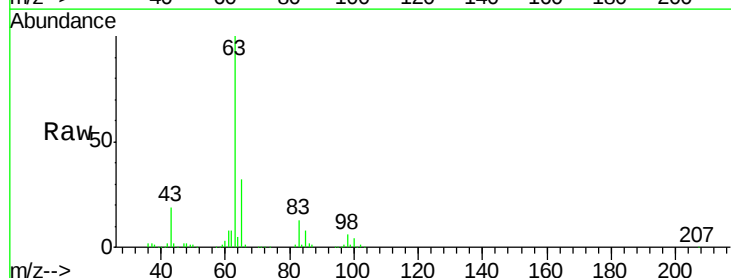
Tgt Ion: 63 Resp: 735669

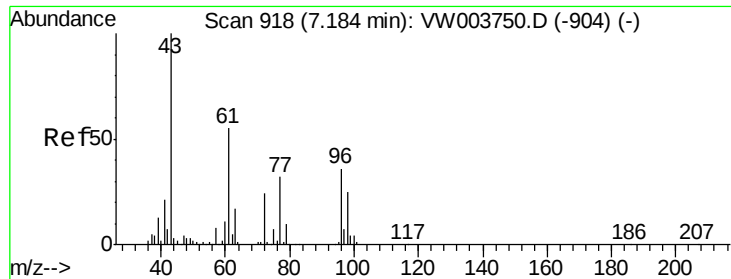
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 727.104 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampled :

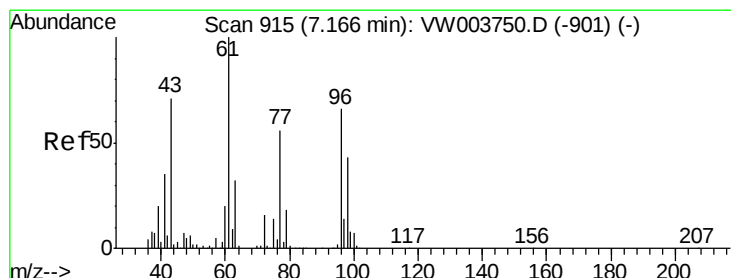
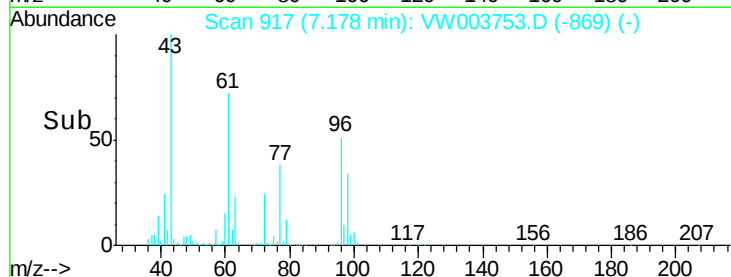
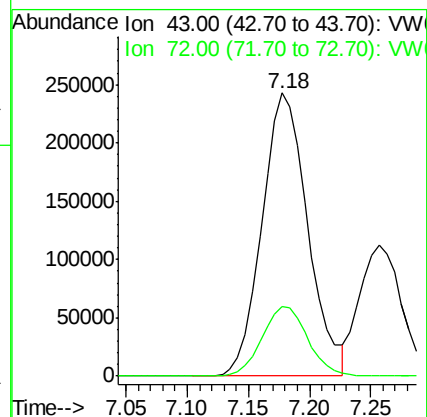
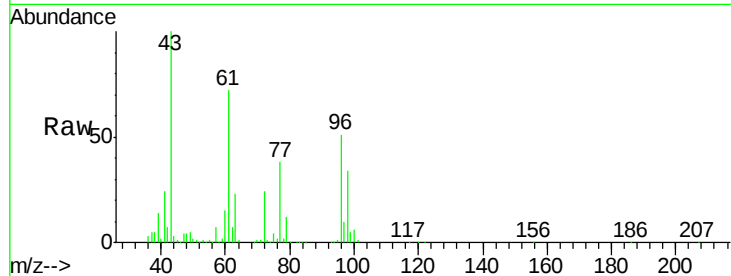
VSTDIC150

Tgt Ion: 43 Resp: 631404

Ion Ratio Lower Upper

43 100

72 24.5 19.4 29.2



#26

2,2-Dichloropropane

Concen: 126.023 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003753.D

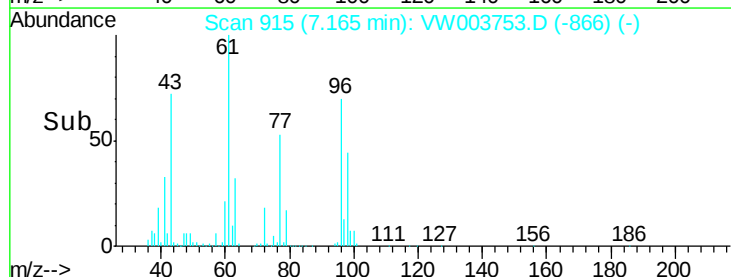
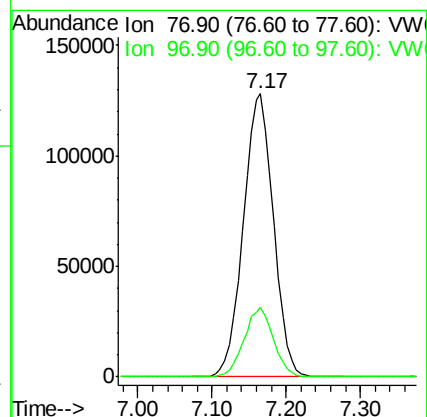
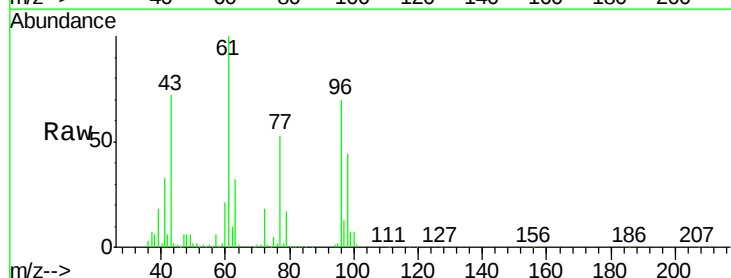
Acq: 07 Jul 2018 01:24

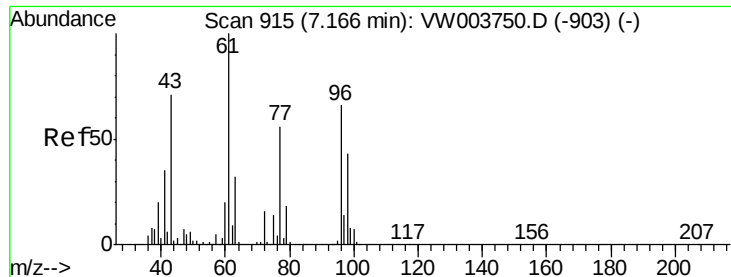
Tgt Ion: 77 Resp: 362063

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5



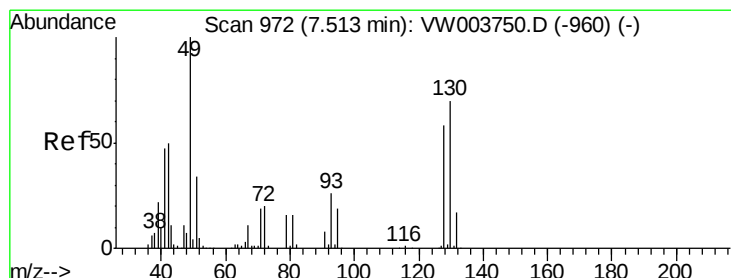
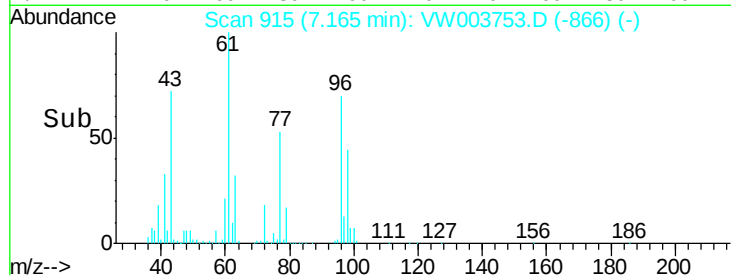
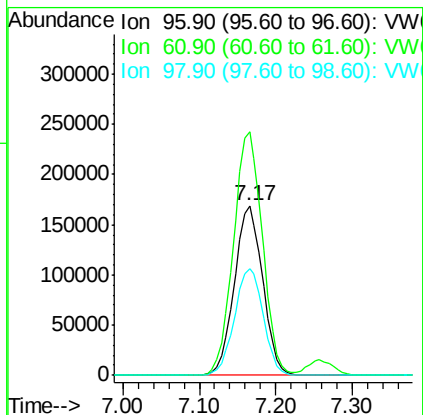
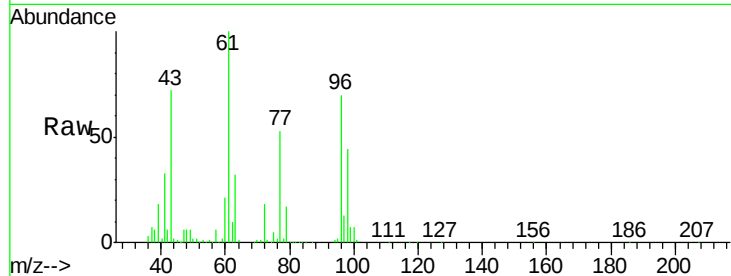


#27

cis-1,2-Dichloroethene
Concen: 158.797 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

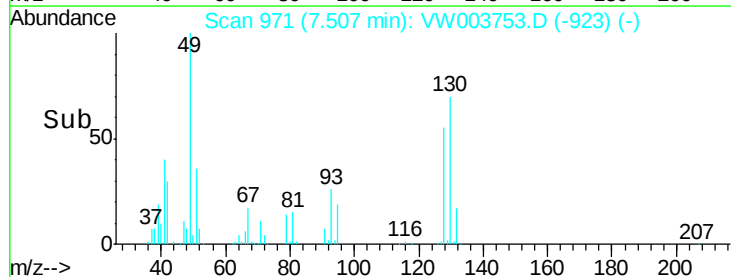
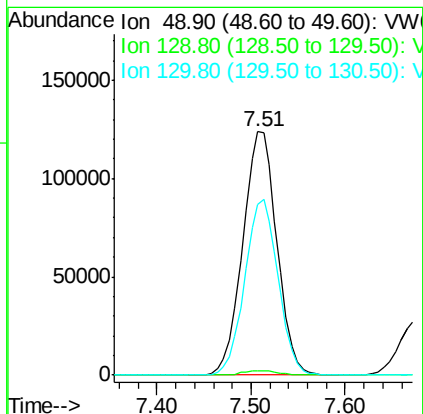
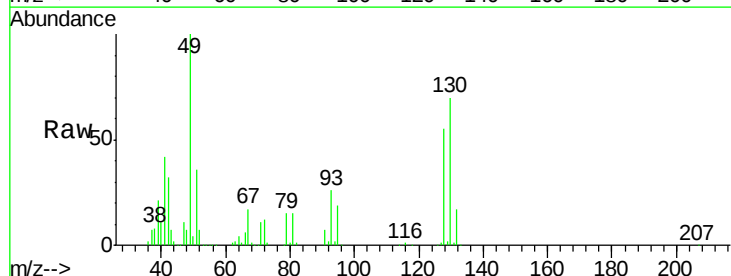
Tgt Ion: 96 Resp: 431954
Ion Ratio Lower Upper
96 100
61 146.5 0.0 300.8
98 64.2 0.0 128.6

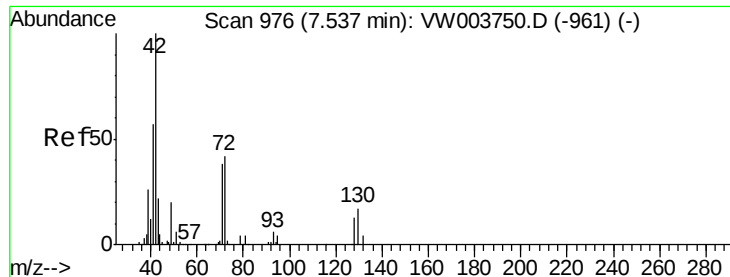


#28

Bromochloromethane
Concen: 150.309 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 49 Resp: 313314
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 70.6 56.9 85.3





#29

Tetrahydrofuran

Concen: 779.962 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

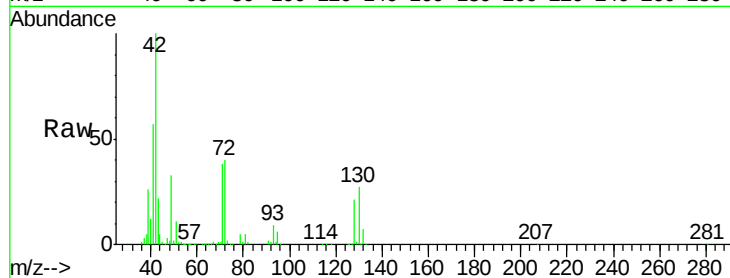
Tgt Ion: 42 Resp: 410635

Ion Ratio Lower Upper

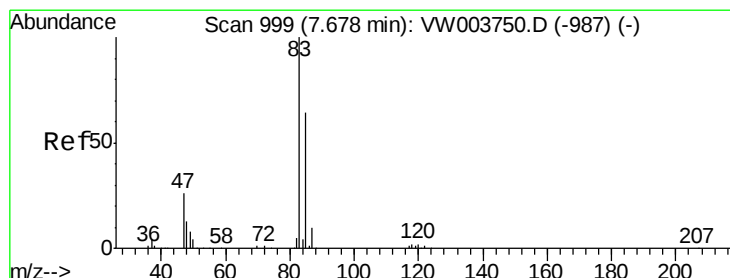
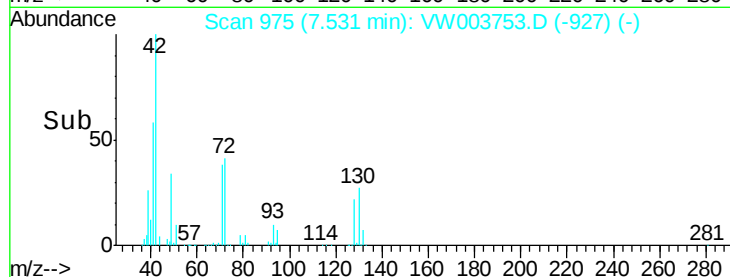
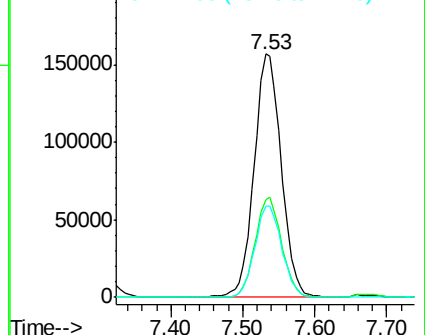
42 100

72 40.2 31.8 47.8

71 37.5 30.3 45.5



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: 152.719 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW003753.D

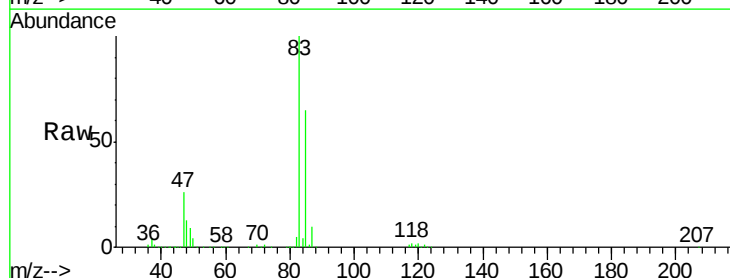
Acq: 07 Jul 2018 01:24

Tgt Ion: 83 Resp: 737978

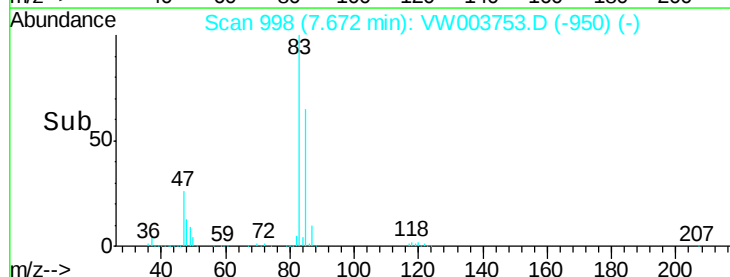
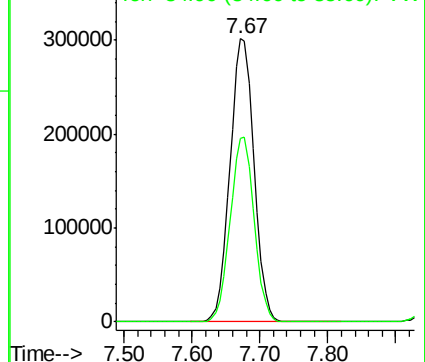
Ion Ratio Lower Upper

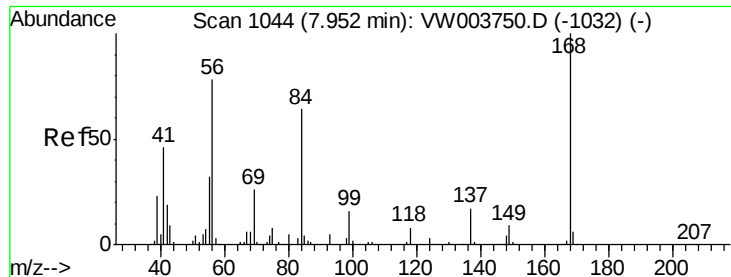
83 100

85 64.9 51.5 77.3



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

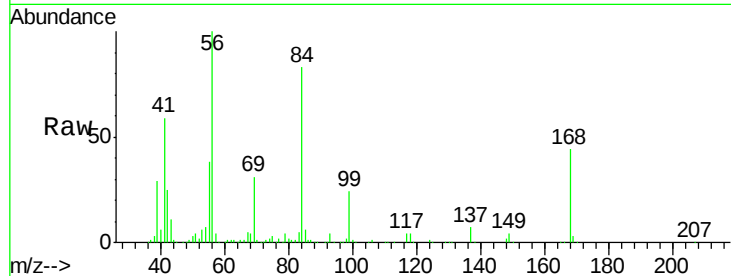




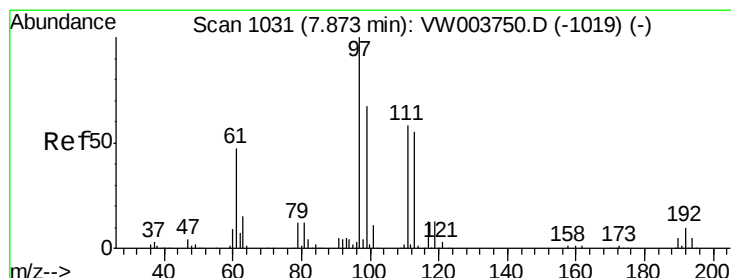
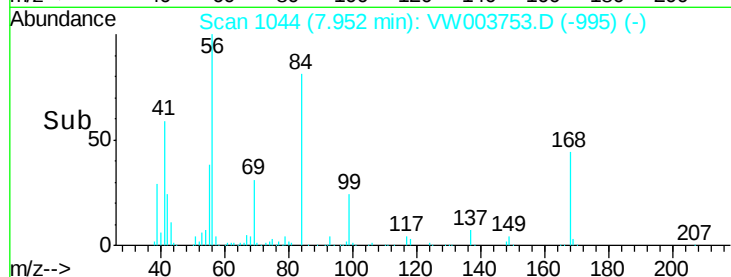
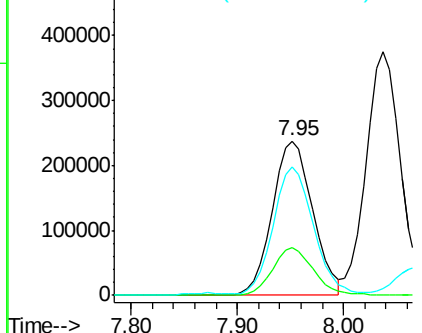
#31
Cyclohexane
Concen: 144.421 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 623238
Ion Ratio Lower Upper
56 100
69 30.7 26.2 39.4
84 82.1 65.5 98.3

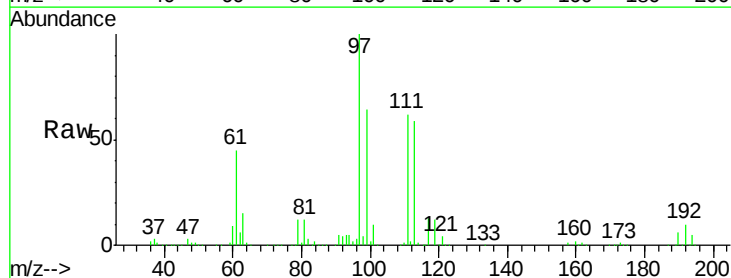


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

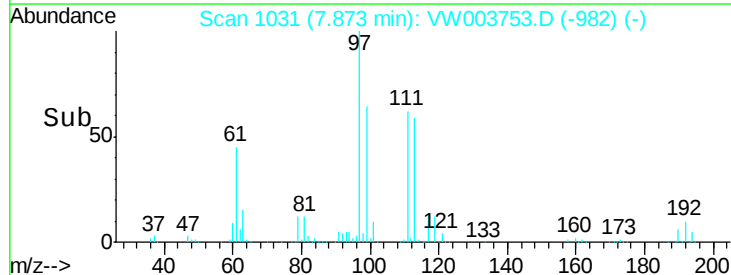
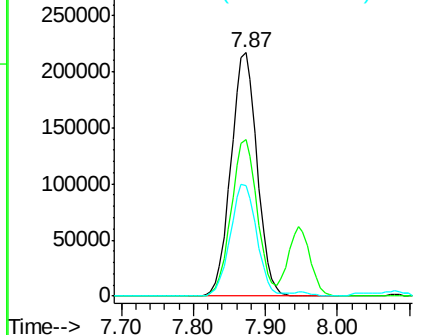


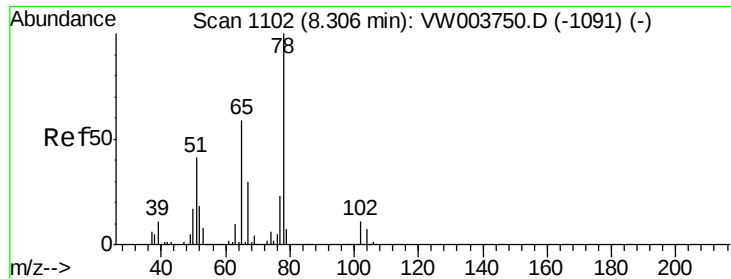
#32
1,1,1-Trichloroethane
Concen: 145.806 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 97 Resp: 546553
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 46.4 37.6 56.4



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

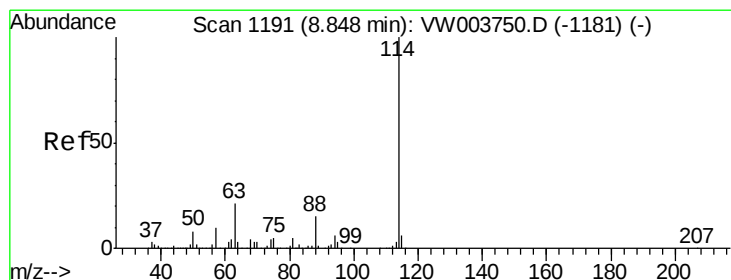
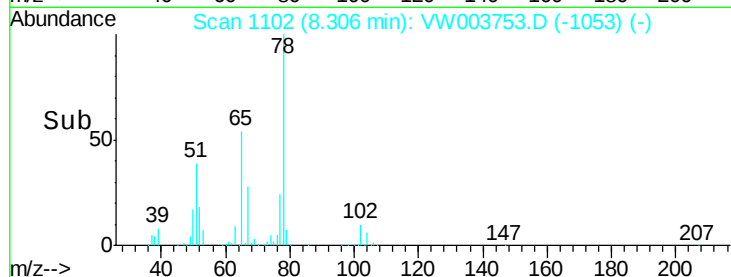
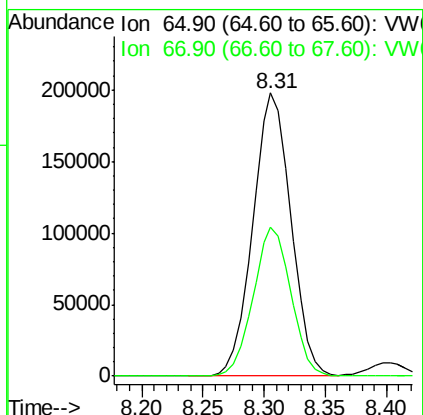
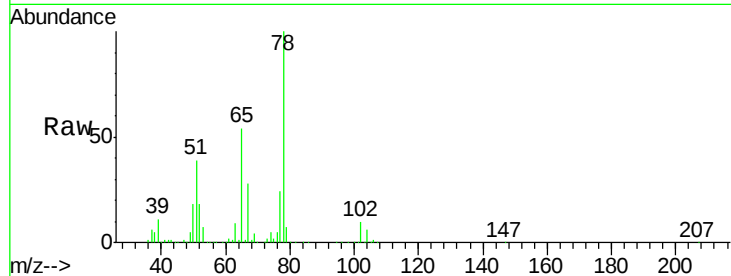




#33
 1,2-Dichloroethane-d4
 Concen: 150.330 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

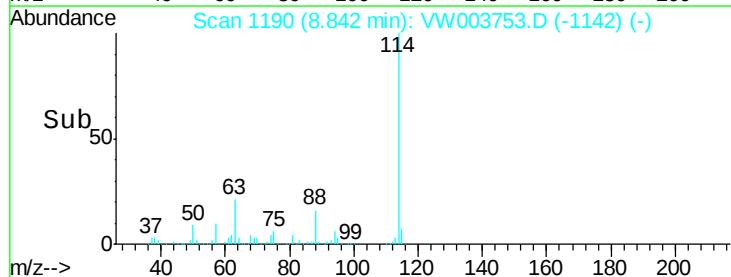
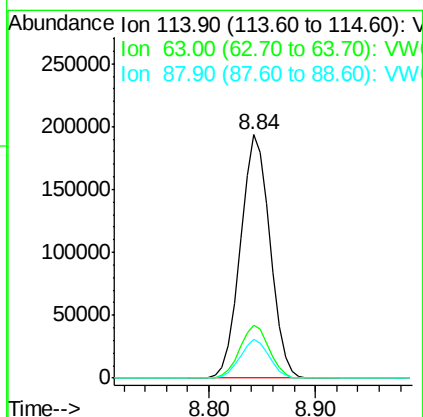
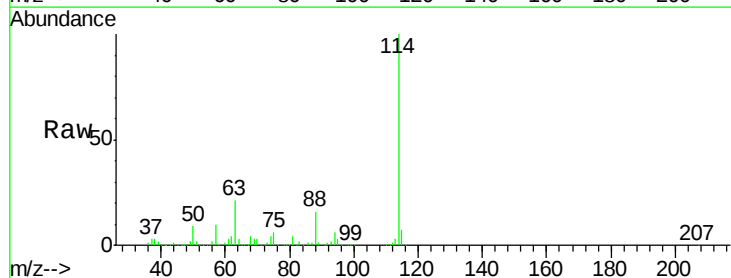
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

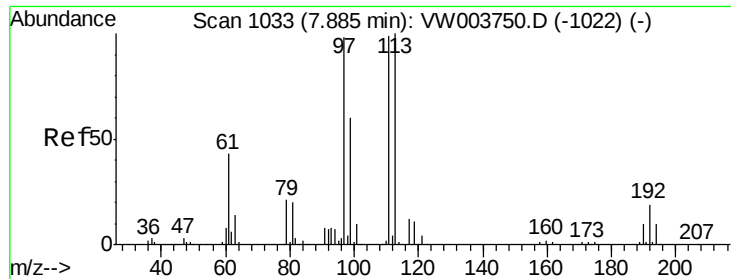
Tgt Ion: 65 Resp: 428920
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion: 114 Resp: 377007
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.8
 88 15.8 0.0 30.2

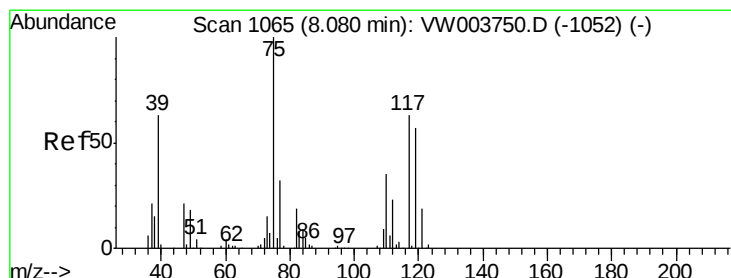
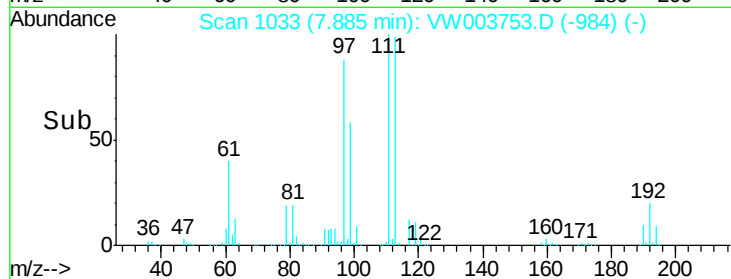
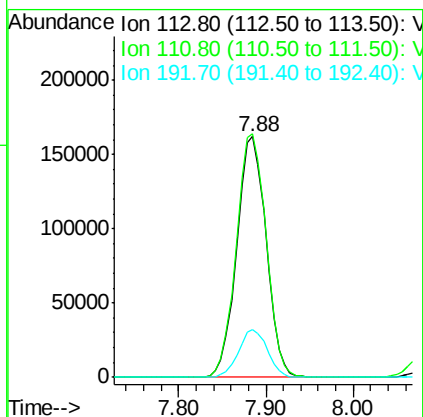
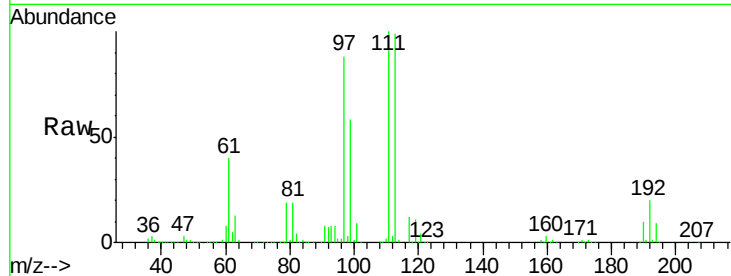




#35
 Dibromofluoromethane
 Concen: 152.407 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

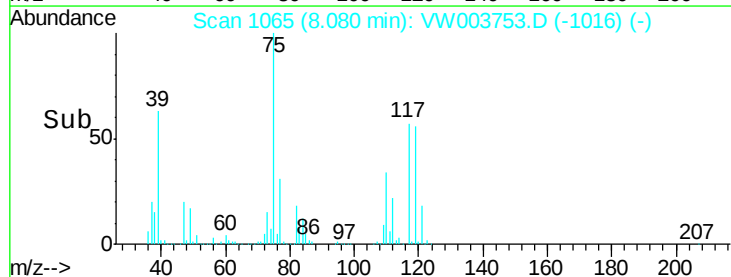
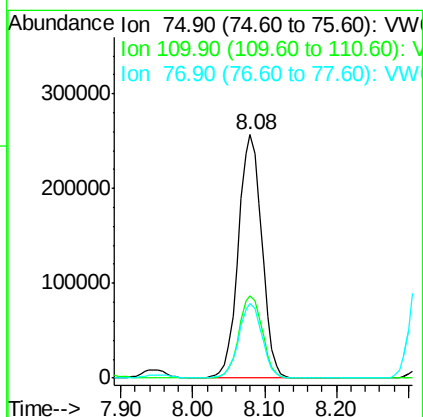
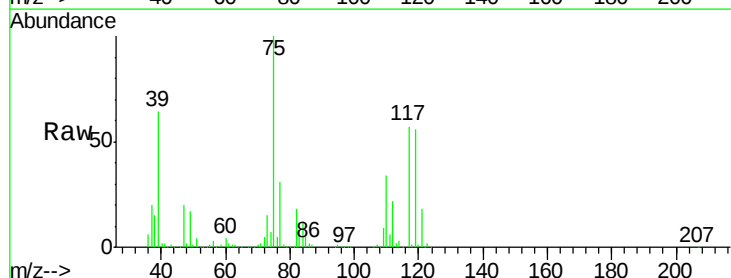
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

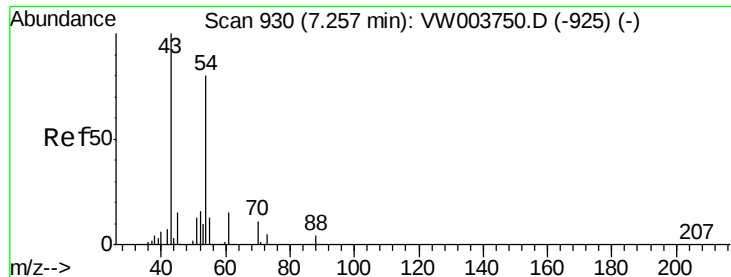
Tgt Ion: 113 Resp: 378405
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 151.364 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion: 75 Resp: 577801
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 30.7 24.8 37.2

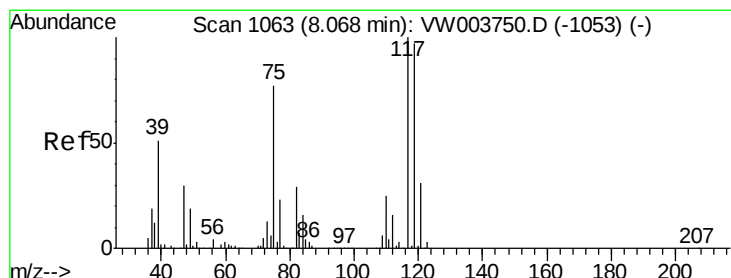
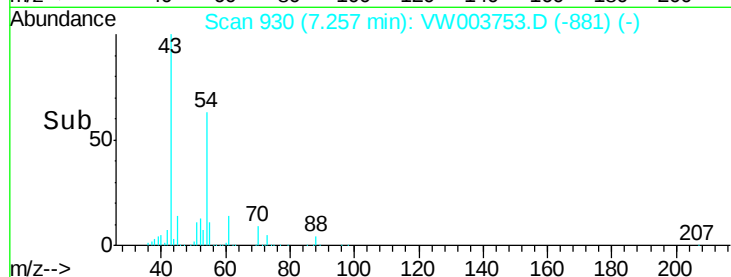
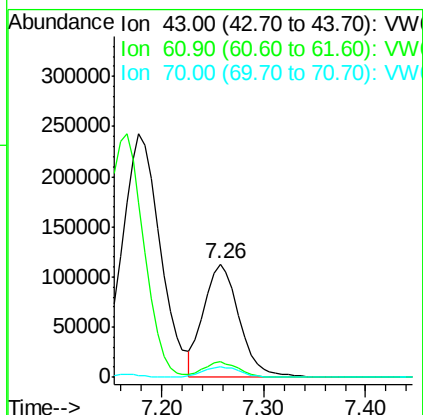
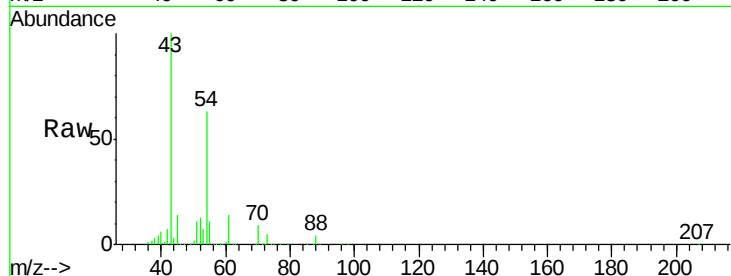




#37
Ethyl Acetate
Concen: 146.454 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

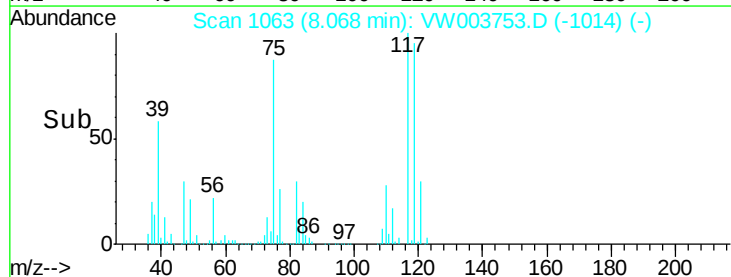
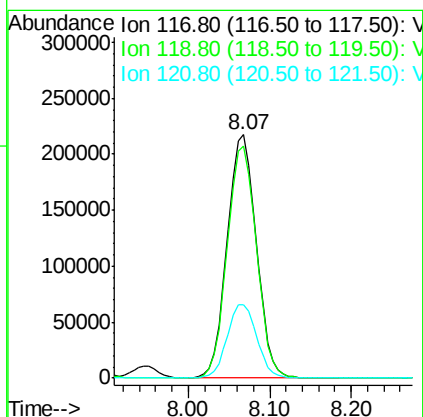
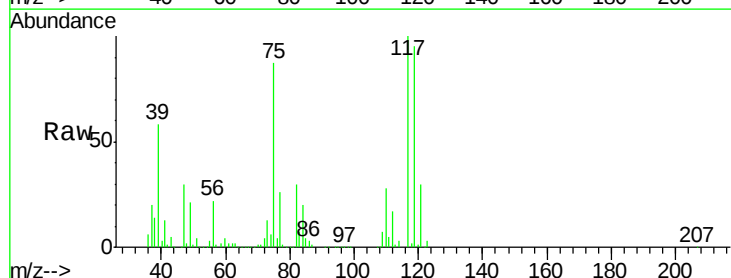
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

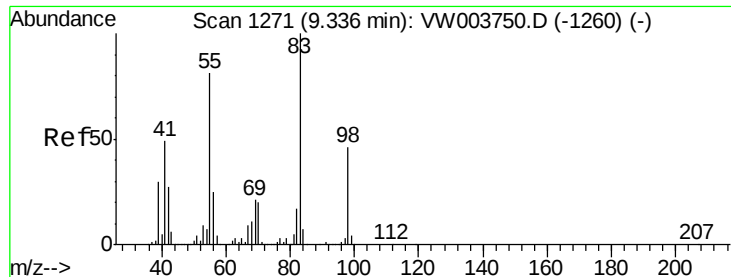
Tgt Ion: 43 Resp: 274433
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 9.8 7.5 11.3



#38
Carbon Tetrachloride
Concen: 147.759 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 117 Resp: 536235
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2
121 30.1 24.6 37.0

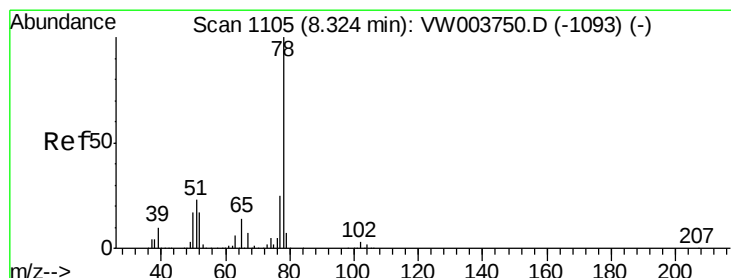
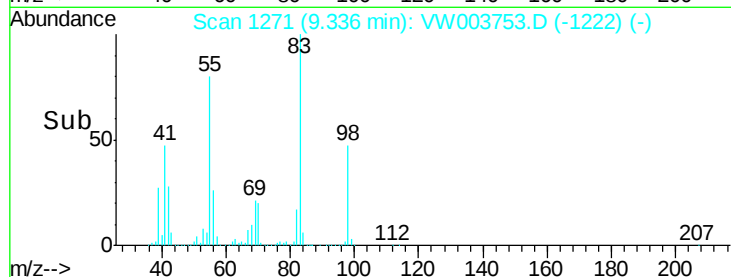
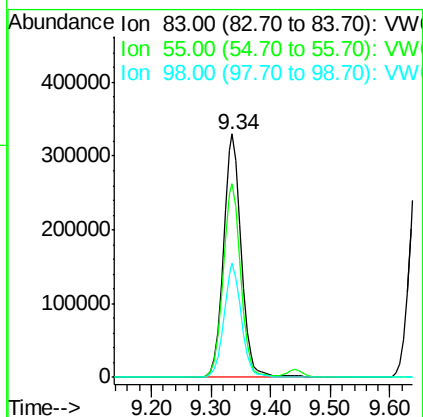
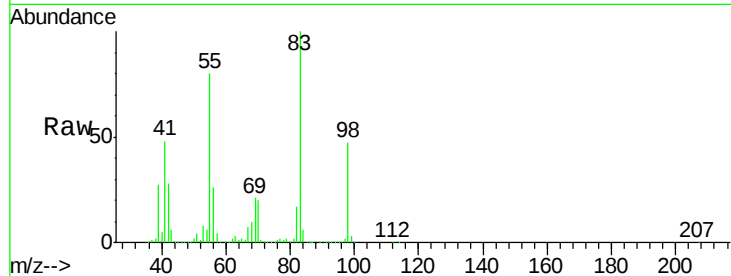




#39
Methylcyclohexane
Concen: 156.480 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

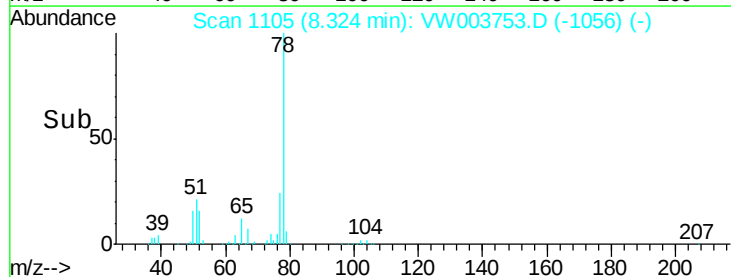
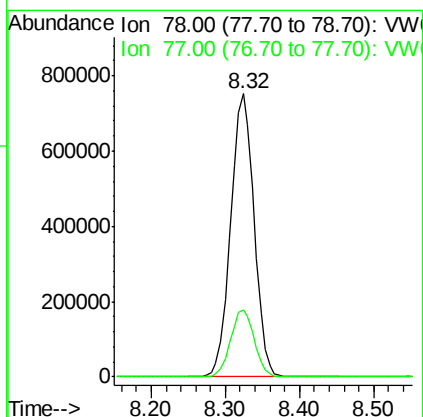
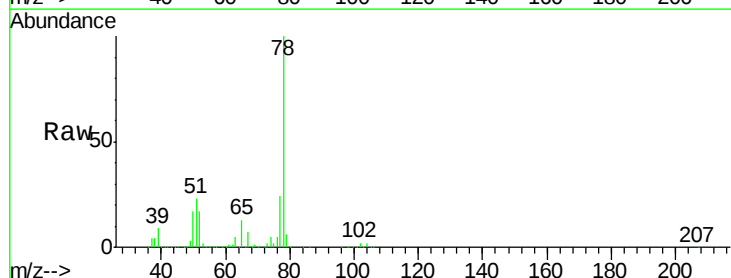
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

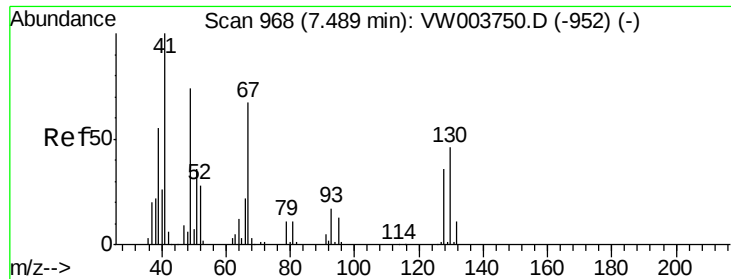
Tgt Ion: 83 Resp: 683855
Ion Ratio Lower Upper
83 100
55 79.8 65.1 97.7
98 47.1 36.7 55.1



#40
Benzene
Concen: 153.349 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 78 Resp: 1650811
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5

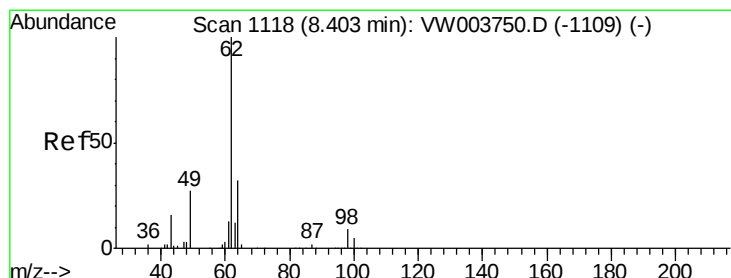
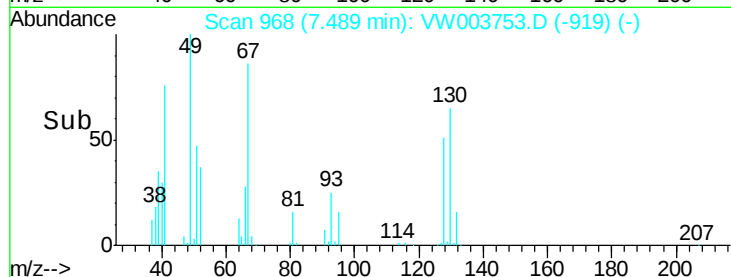
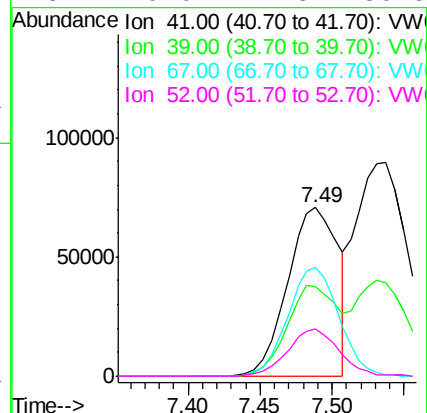
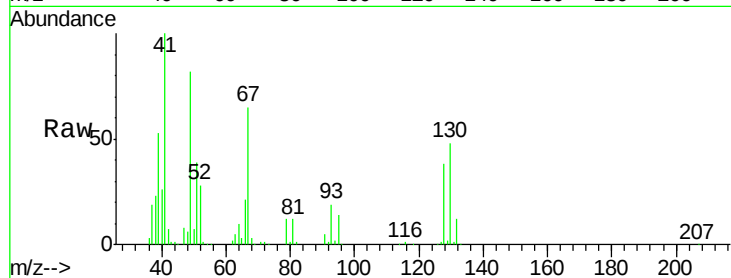




#41
Methacrylonitrile
Concen: 161.495 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

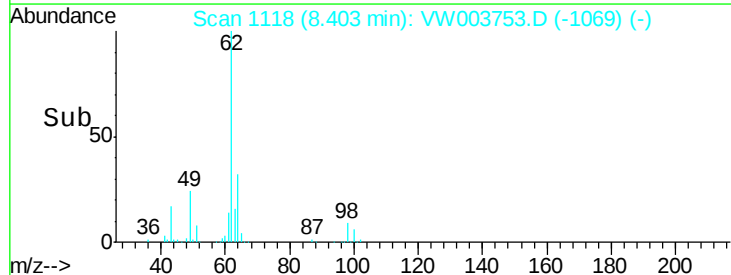
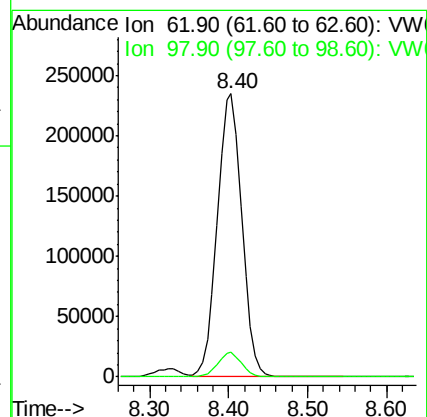
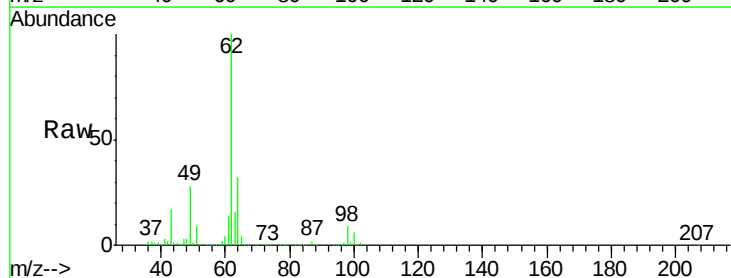
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

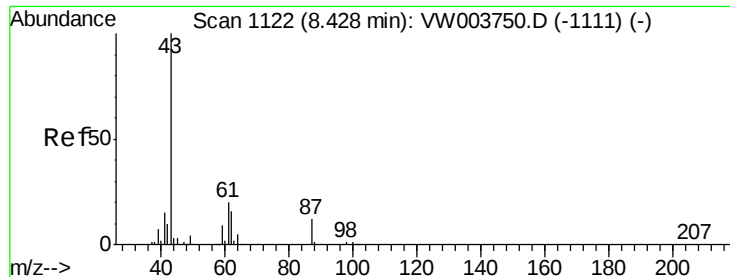
Tgt Ion:	41	Resp:	172649
Ion	Ratio	Lower	Upper
41	100		
39	53.3	49.5	74.3
67	65.8	53.8	80.8
52	29.0	24.3	36.5



#42
1,2-Dichloroethane
Concen: 148.991 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion:	62	Resp:	508425
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 156.809 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

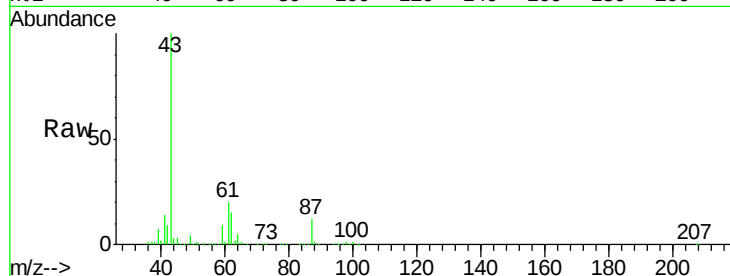
Tgt Ion: 43 Resp: 555819

Ion Ratio Lower Upper

43 100

61 28.3 22.8 34.2

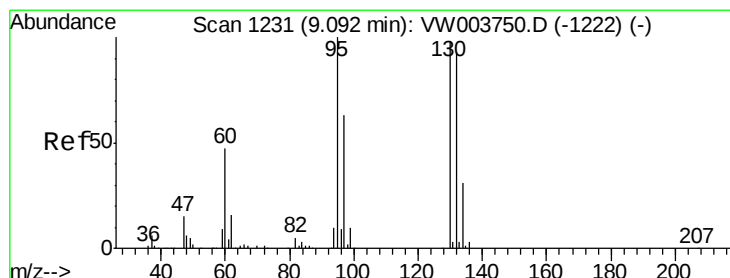
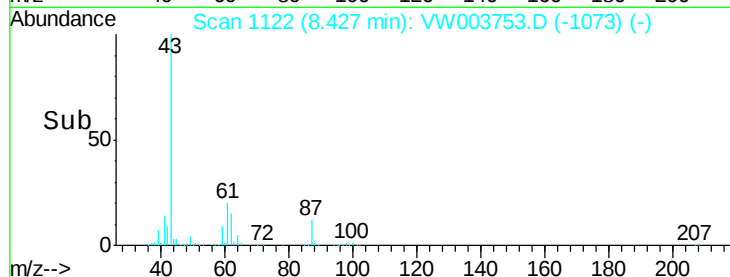
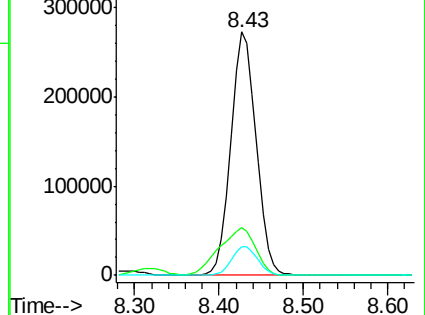
87 12.2 9.5 14.3



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: 151.611 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003753.D

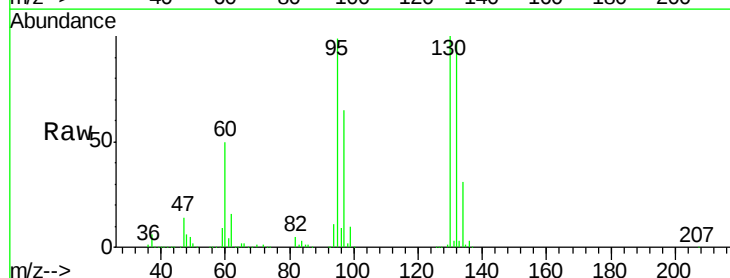
Acq: 07 Jul 2018 01:24

Tgt Ion: 130 Resp: 421133

Ion Ratio Lower Upper

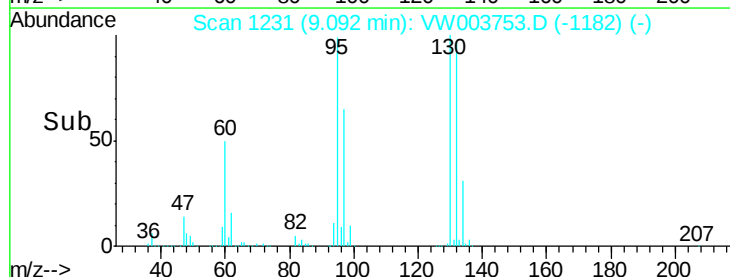
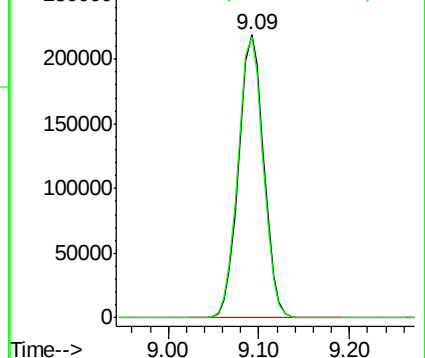
130 100

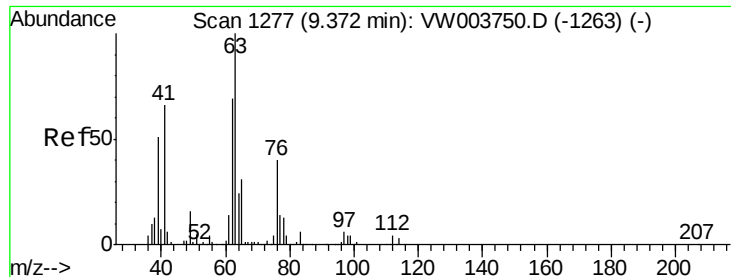
95 99.0 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 154.617 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

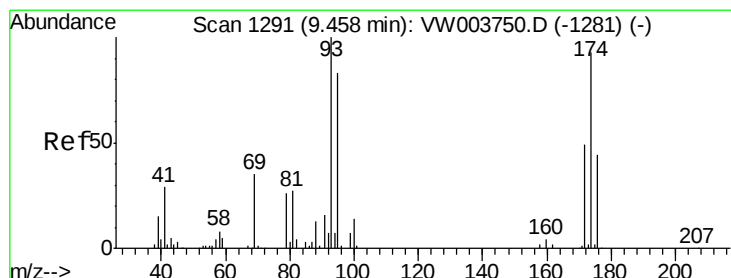
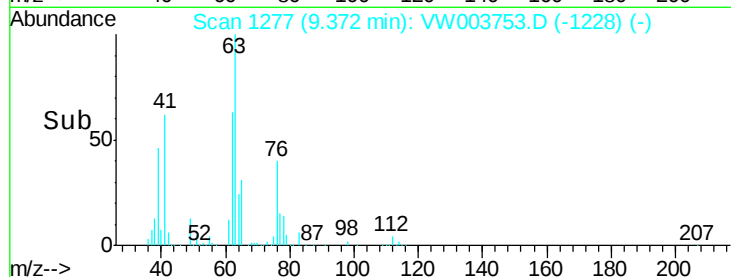
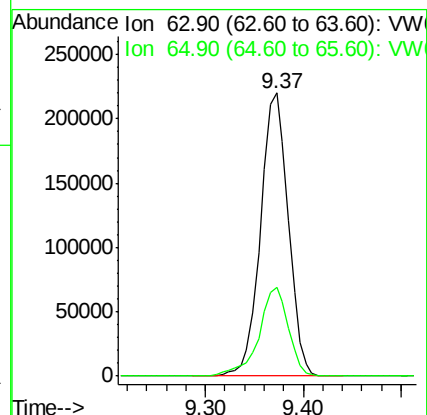
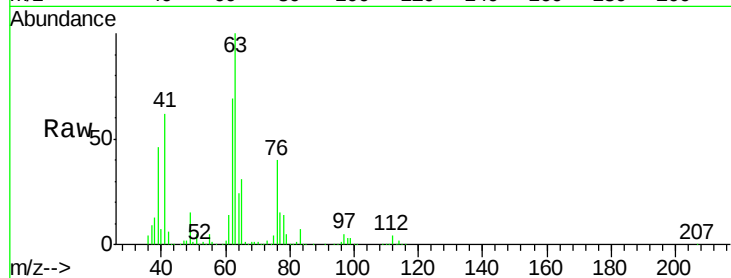
VSTDIC150

Tgt Ion: 63 Resp: 432833

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 150.362 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

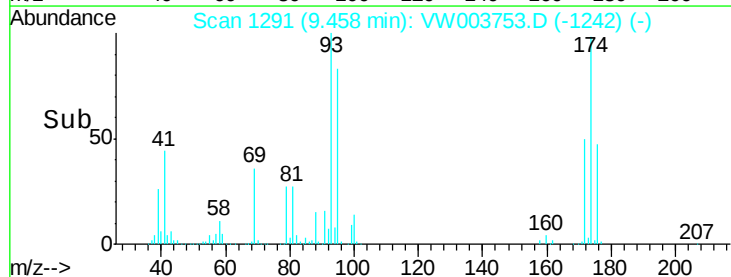
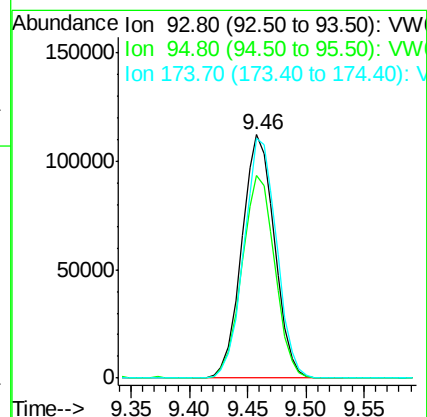
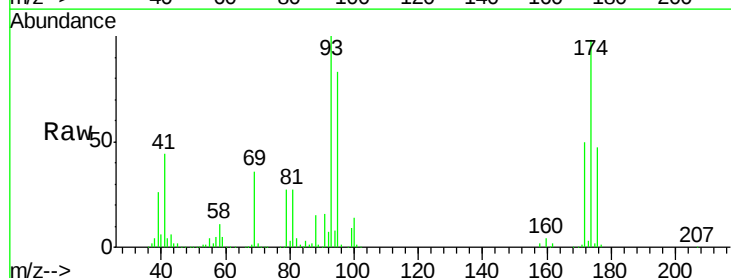
Tgt Ion: 93 Resp: 219612

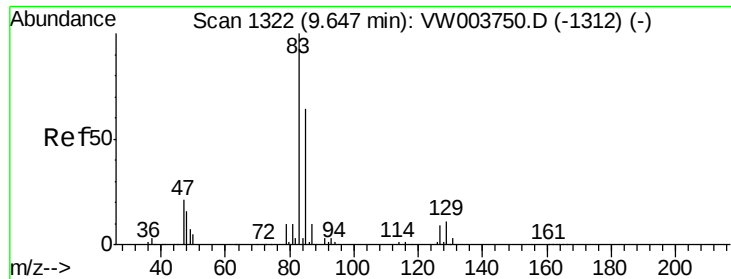
Ion Ratio Lower Upper

93 100

95 83.6 67.2 100.8

174 98.5 78.1 117.1





#47

Bromodichloromethane

Concen: 155.028 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

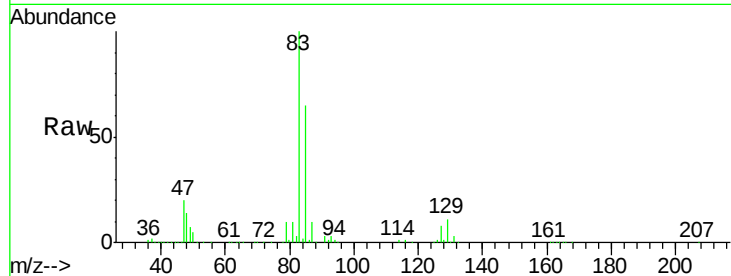
Tgt Ion: 83 Resp: 557346

Ion Ratio Lower Upper

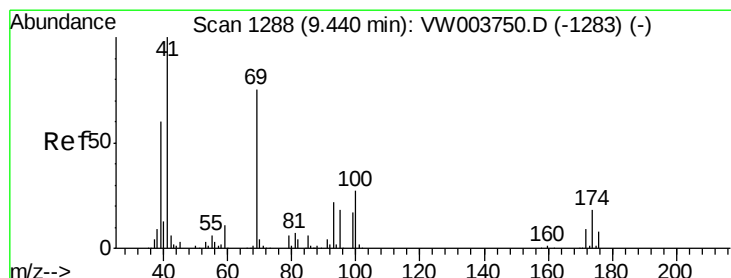
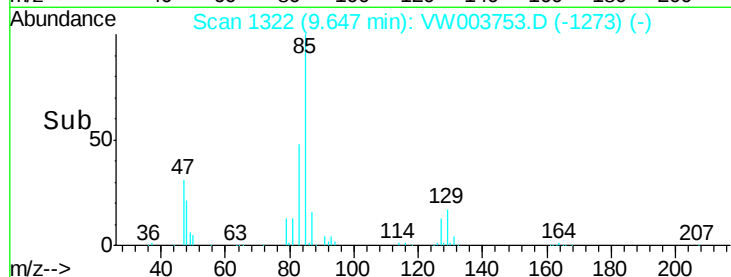
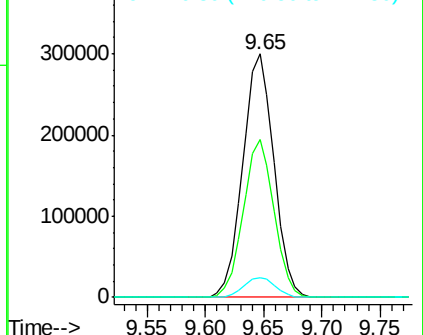
83 100

85 64.9 51.4 77.0

127 8.1 6.8 10.2



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



#48

Methyl methacrylate

Concen: 166.510 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

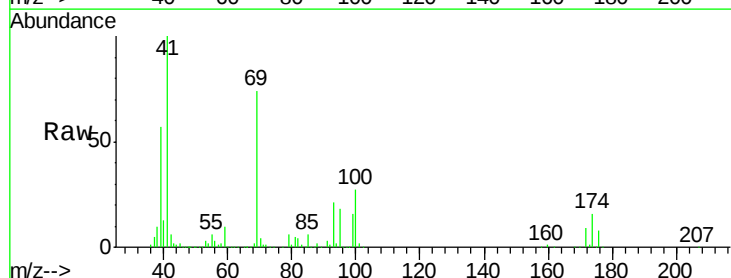
Tgt Ion: 41 Resp: 280603

Ion Ratio Lower Upper

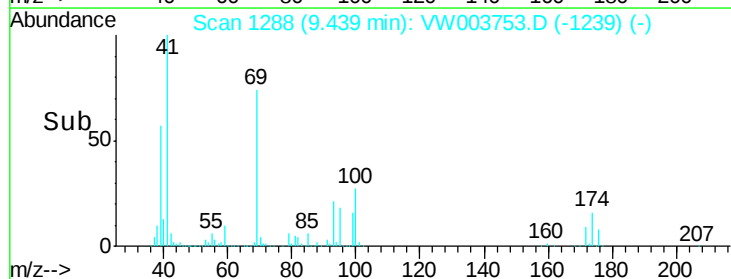
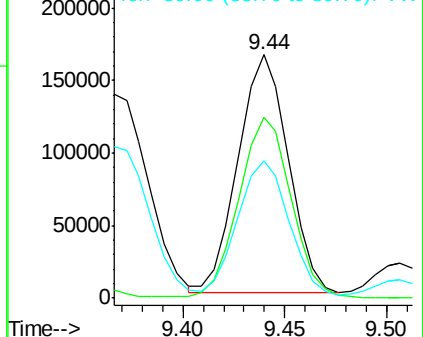
41 100

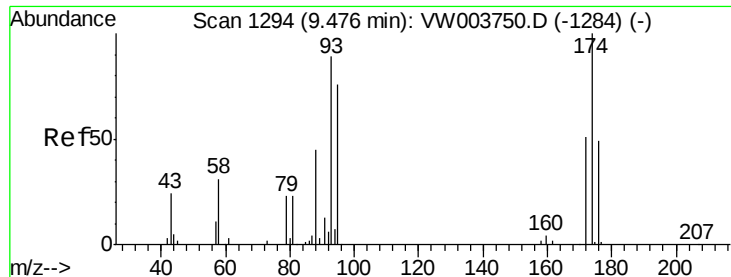
69 79.3 63.8 95.8

39 60.1 50.2 75.2



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: 3139.587 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

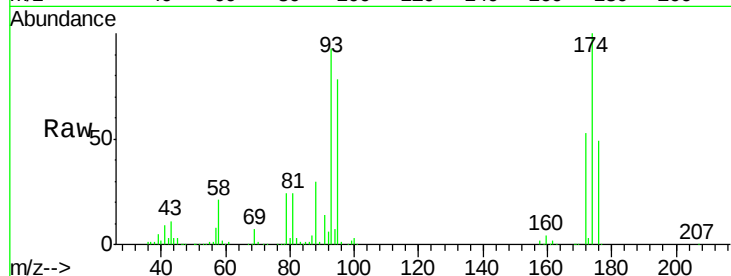
Tgt Ion: 88 Resp: 71437

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

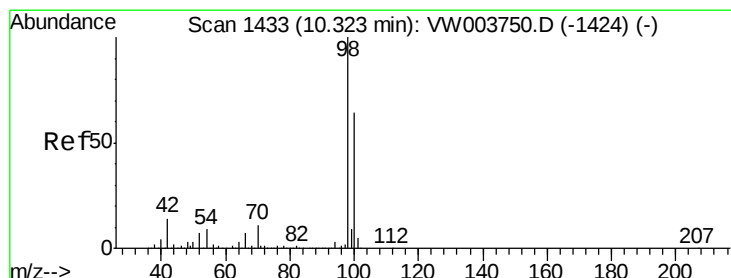
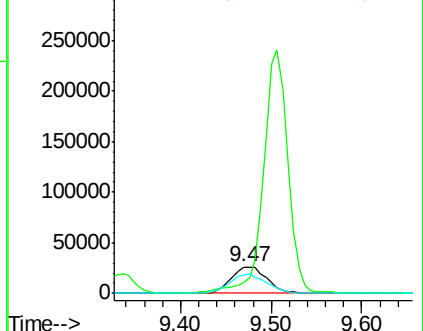
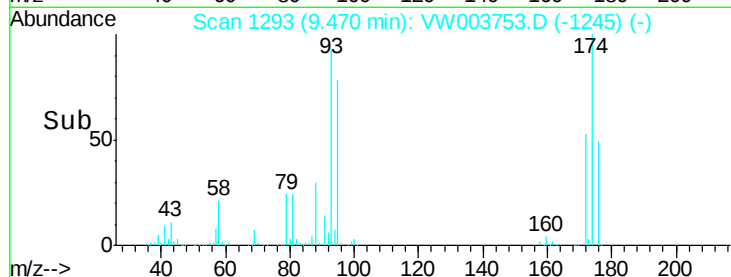
58 74.9 59.7 89.5



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: 154.594 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW003753.D

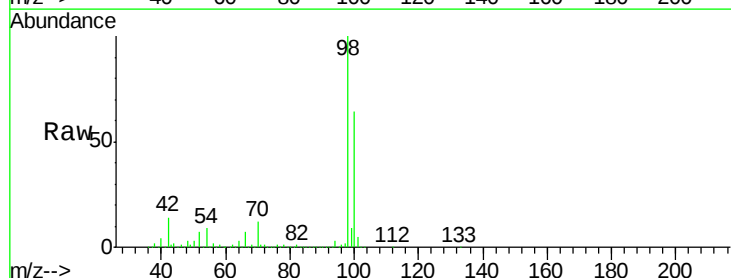
Acq: 07 Jul 2018 01:24

Tgt Ion: 98 Resp: 1502926

Ion Ratio Lower Upper

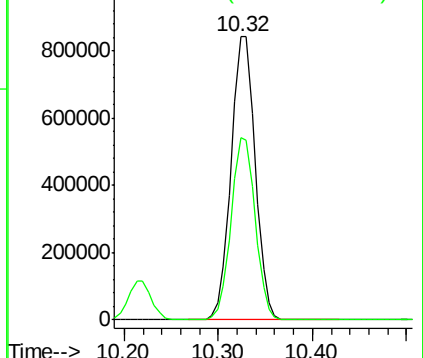
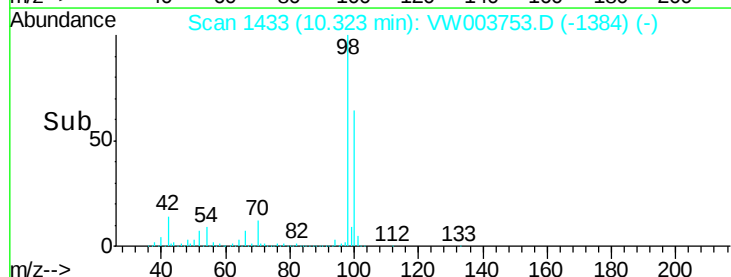
98 100

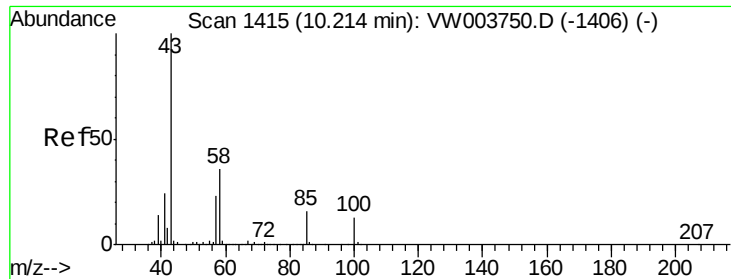
100 64.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

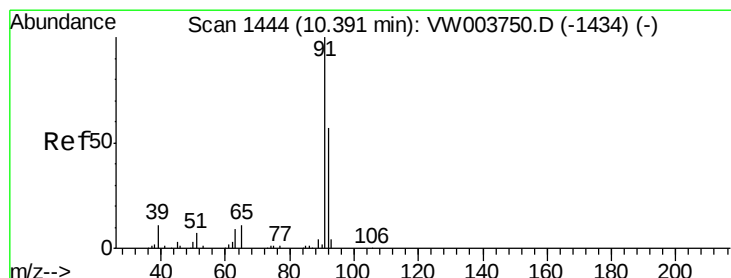
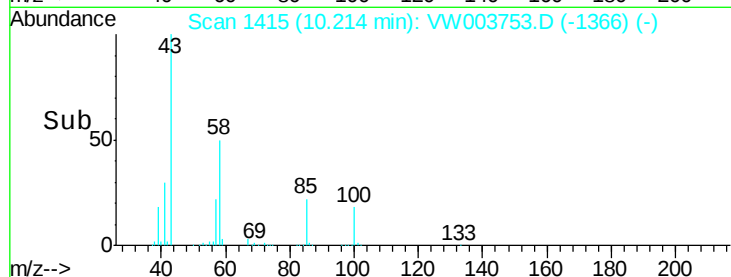
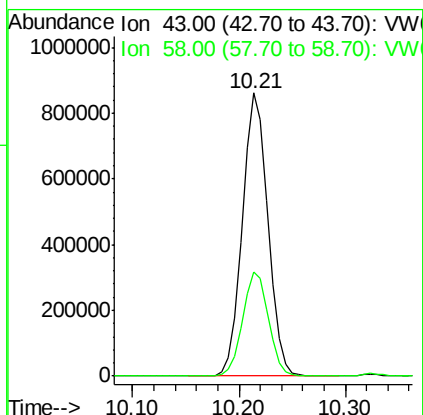
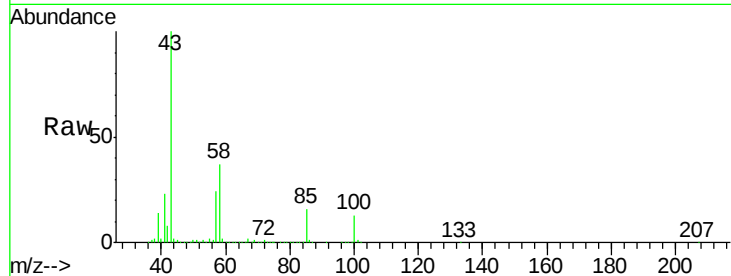




#51
 4-Methyl-2-Pentanone
 Concen: 775.476 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

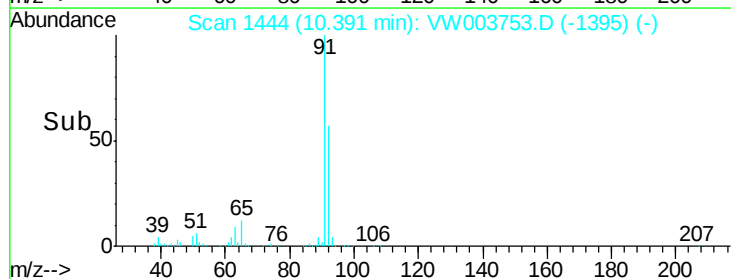
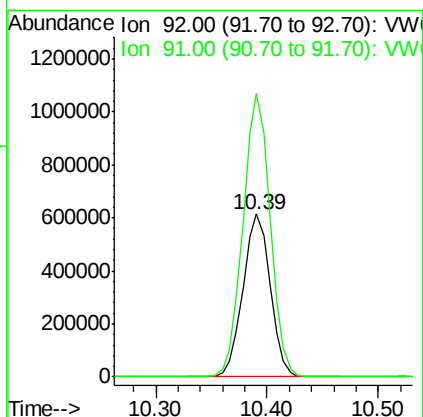
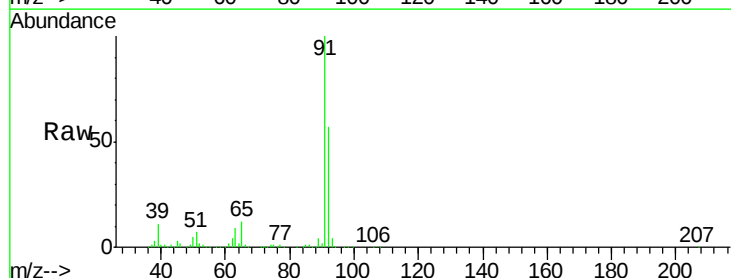
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

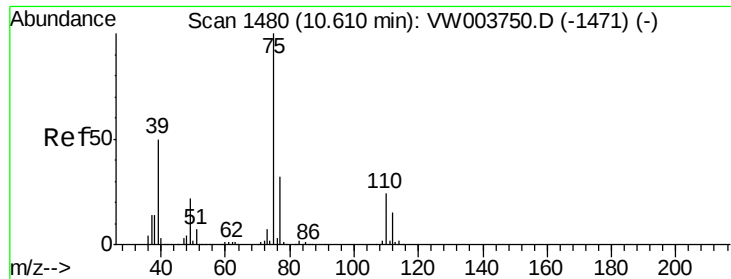
Tgt Ion: 43 Resp: 1452816
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.3 43.9



#52
 Toluene
 Concen: 155.292 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion: 92 Resp: 1041688
 Ion Ratio Lower Upper
 92 100
 91 174.1 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 157.549 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

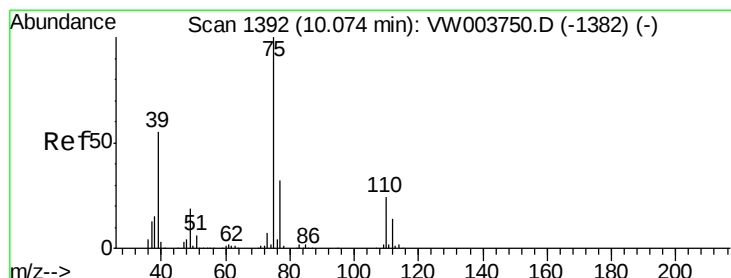
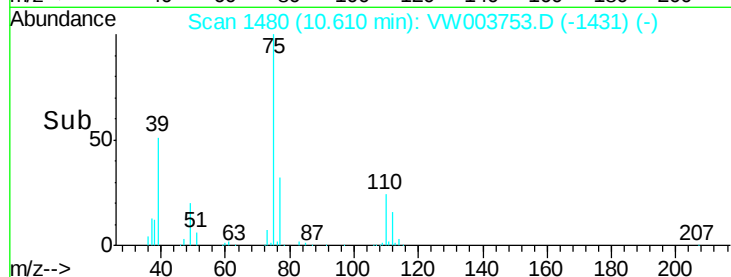
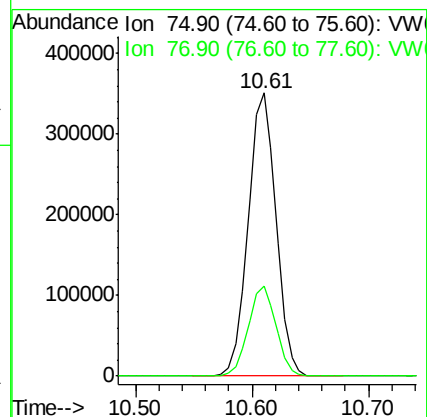
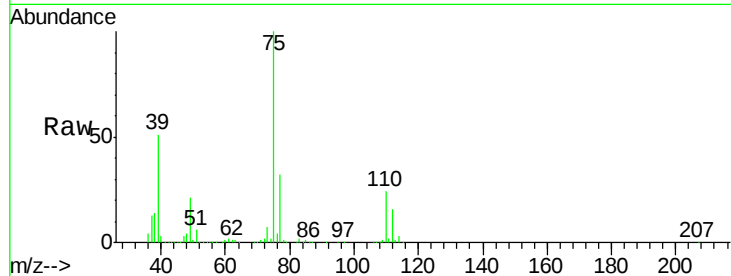
VSTDIC150

Tgt Ion: 75 Resp: 585922

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 157.307 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

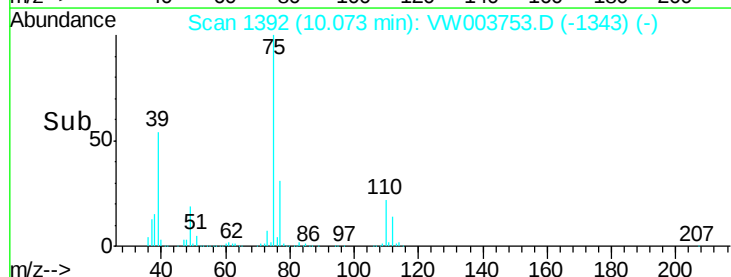
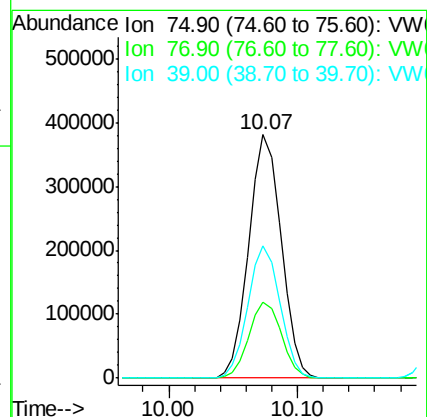
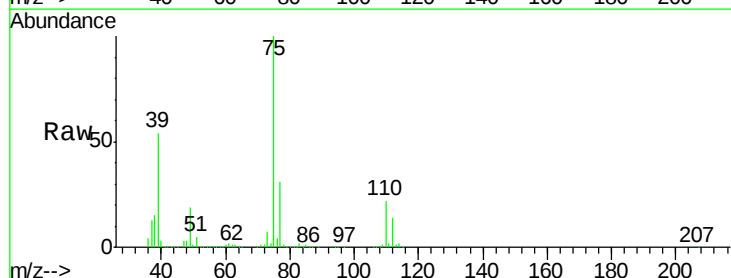
Tgt Ion: 75 Resp: 661341

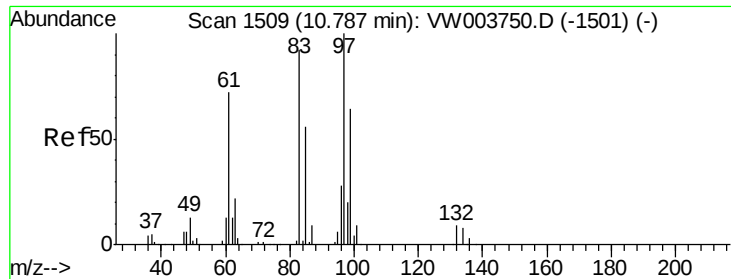
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 54.3 43.6 65.4

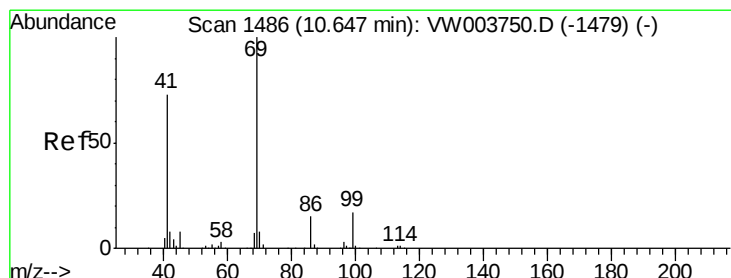
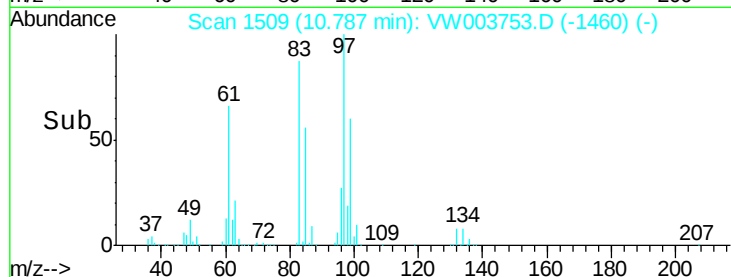
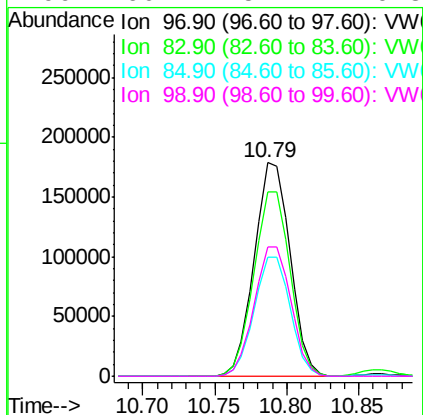
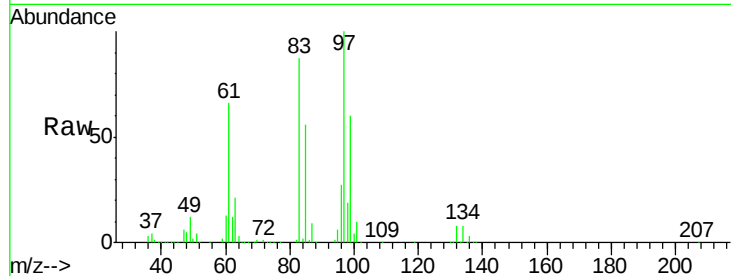




#55
 1,1,2-Trichloroethane
 Concen: 150.713 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

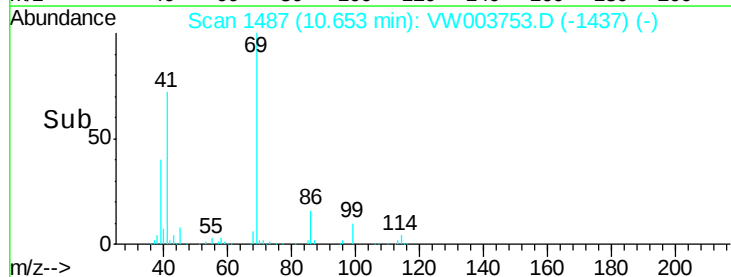
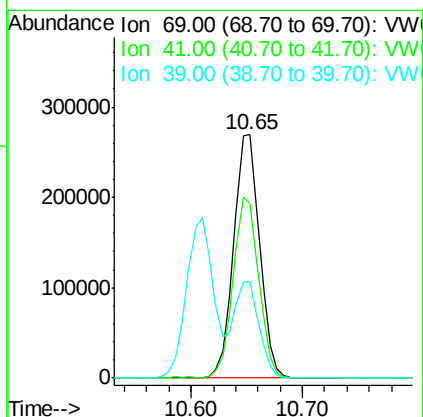
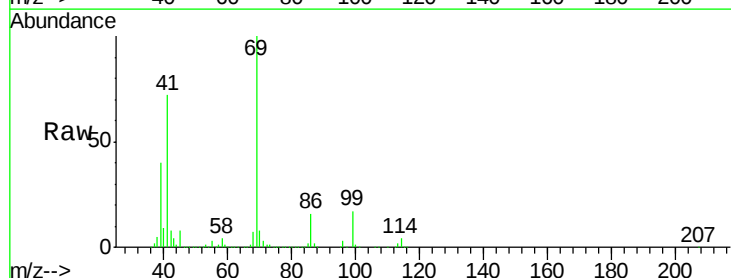
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

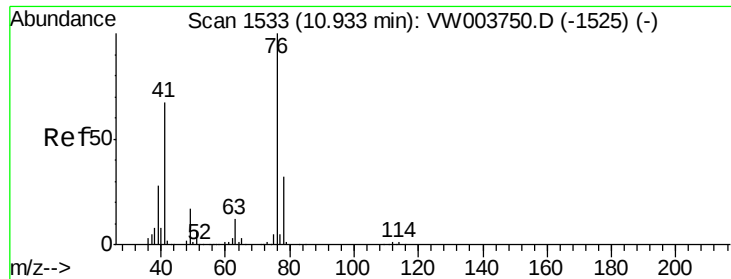
Tgt Ion: 97 Resp: 309479
 Ion Ratio Lower Upper
 97 100
 83 86.5 73.8 110.6
 85 55.7 45.0 67.4
 99 60.4 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 168.150 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion: 69 Resp: 434908
 Ion Ratio Lower Upper
 69 100
 41 73.0 59.0 88.4
 39 39.5 32.8 49.2

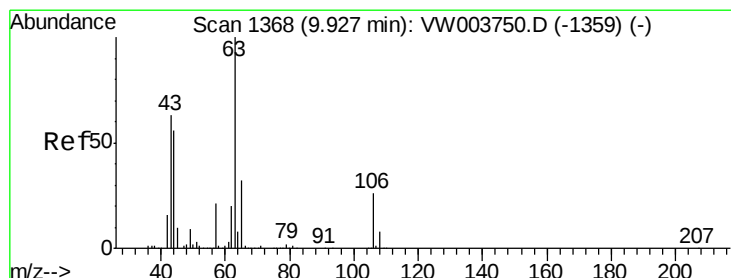
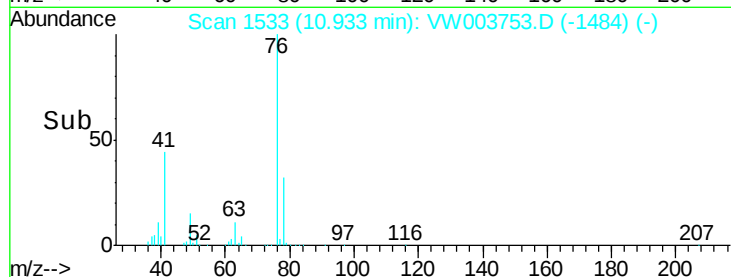
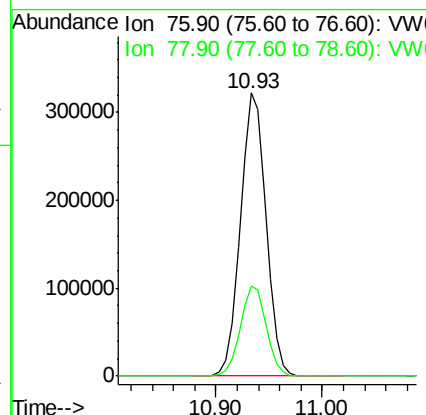
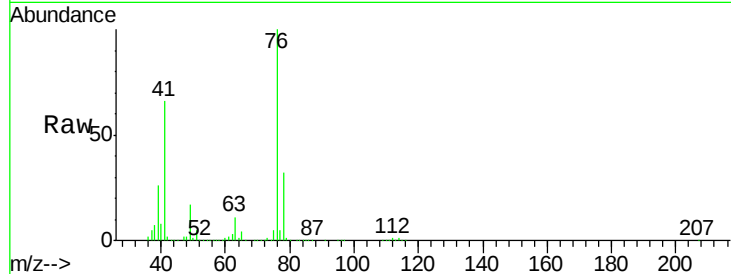




#57
 1,3-Dichloropropane
 Concen: 152.295 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

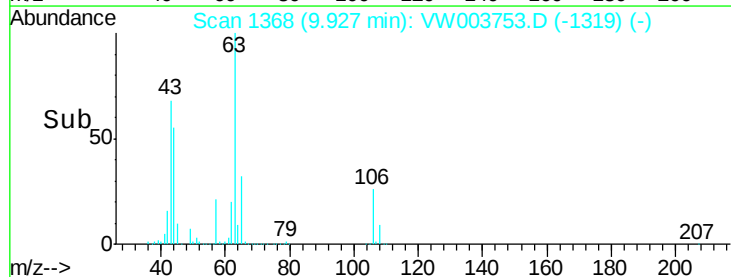
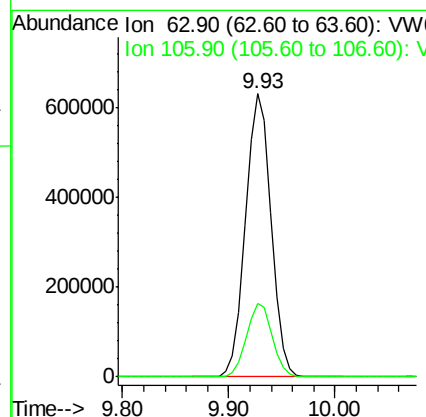
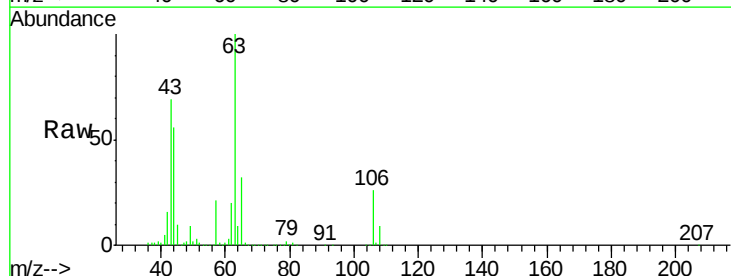
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

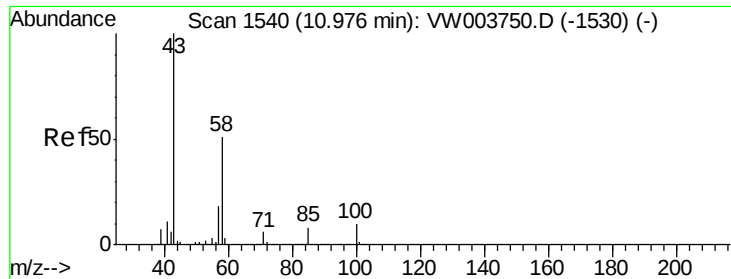
Tgt Ion: 76 Resp: 544200
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 925.793 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion: 63 Resp: 1063764
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.9 31.3

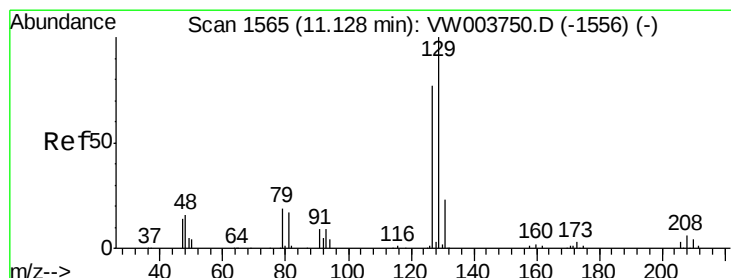
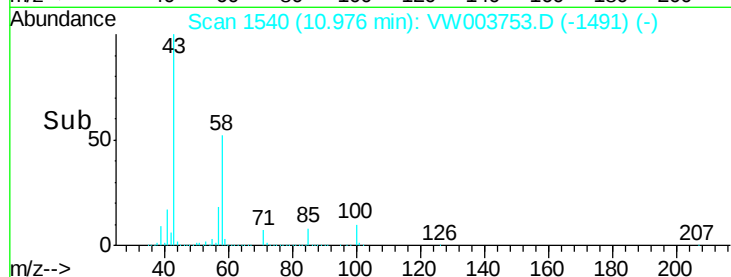
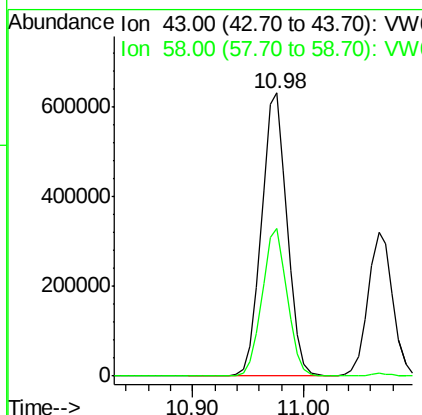
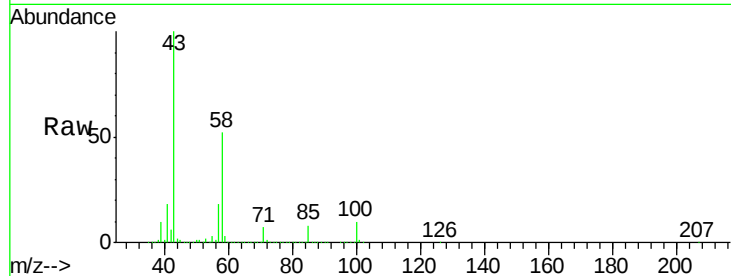




#59
2-Hexanone
Concen: 755.712 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

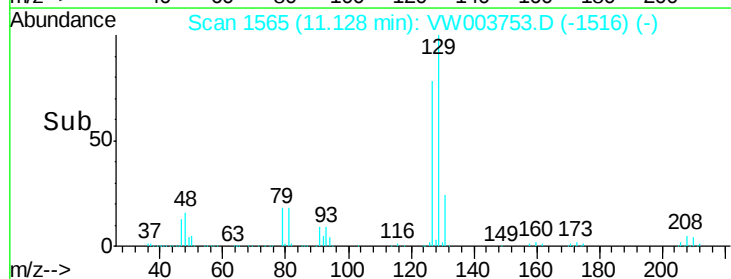
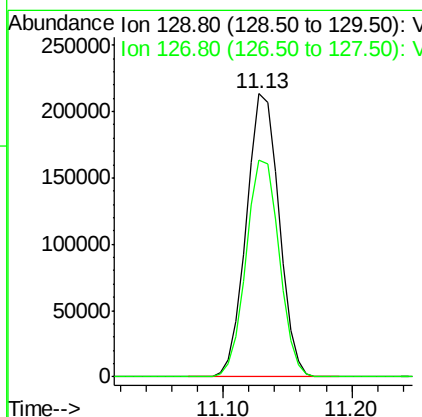
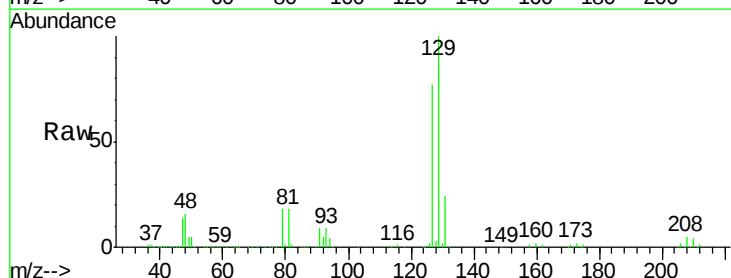
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

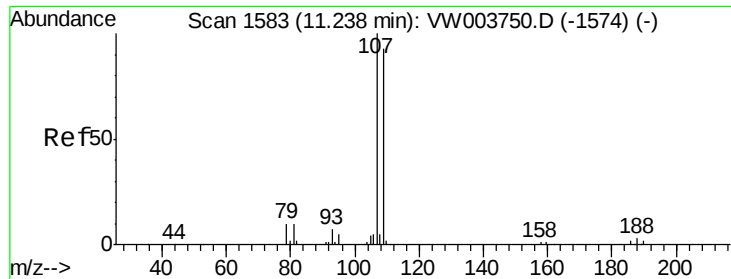
Tgt Ion: 43 Resp: 1007675
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.2



#60
Dibromochloromethane
Concen: 155.517 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 129 Resp: 374131
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6

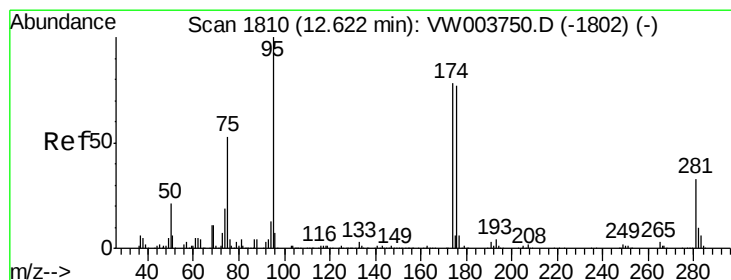
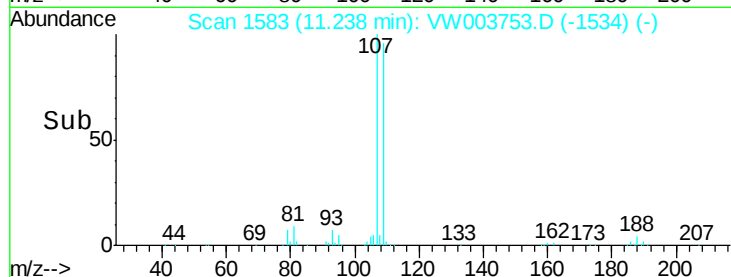
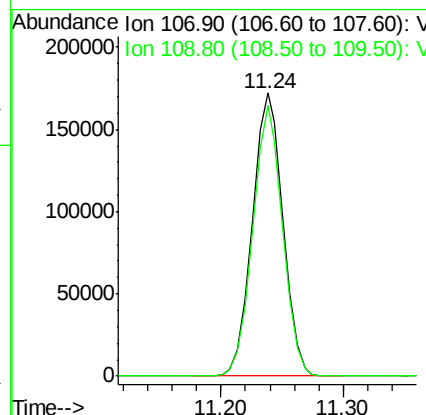
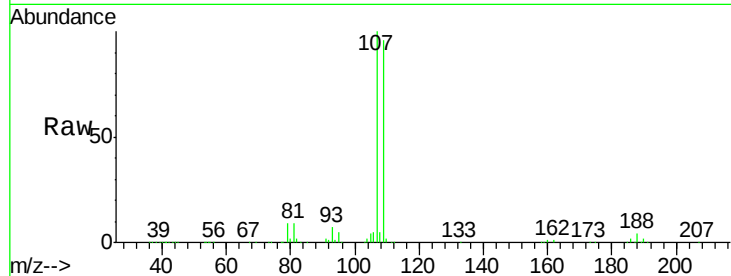




#61
 1,2-Dibromoethane
 Concen: 151.104 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

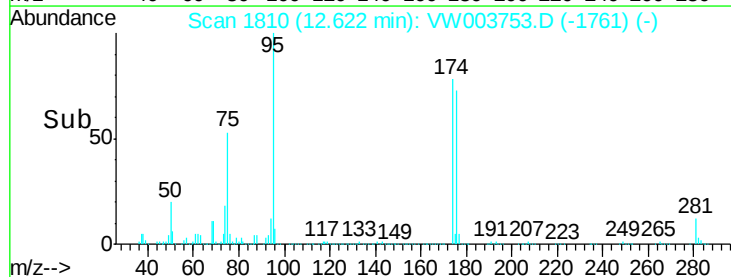
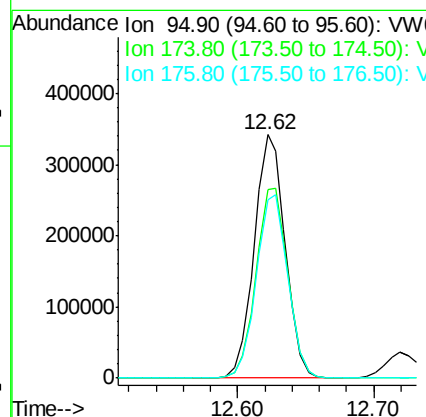
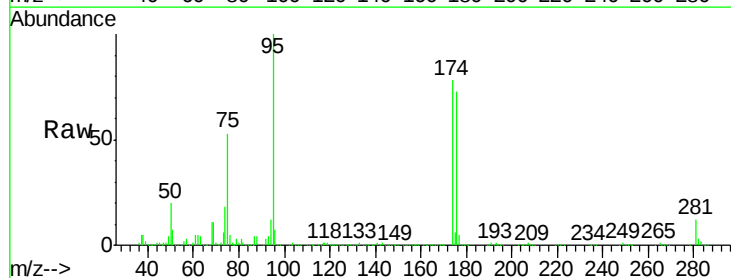
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

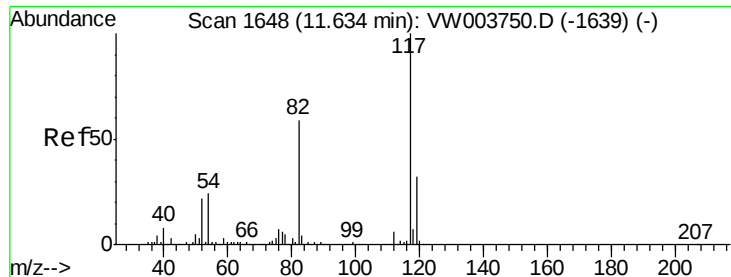
Tgt Ion: 107 Resp: 298100
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 155.767 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion: 95 Resp: 544217
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 163.4
 176 76.7 0.0 156.8

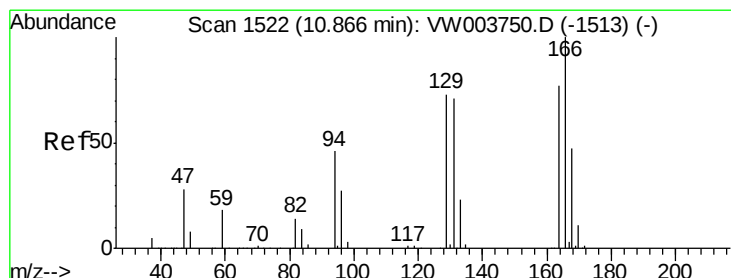
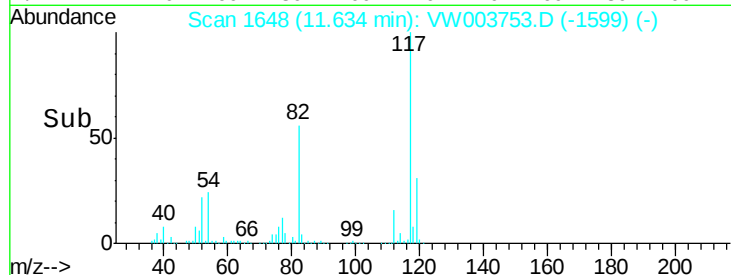
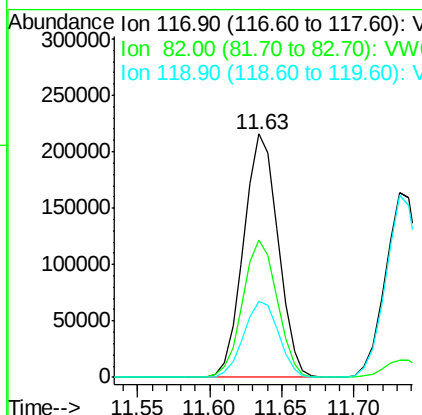
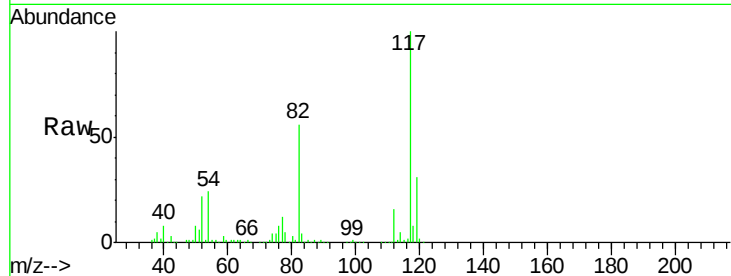




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

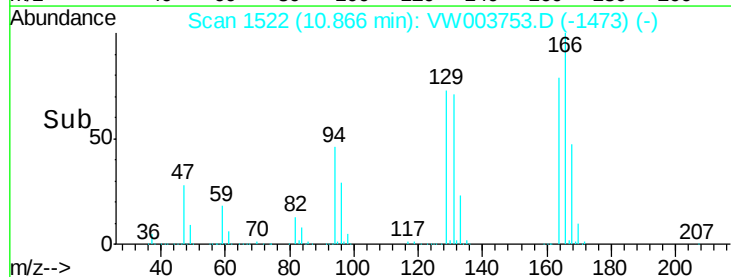
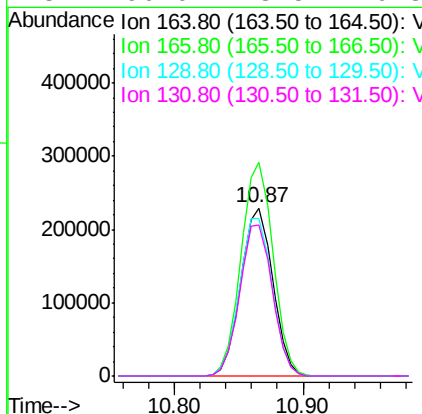
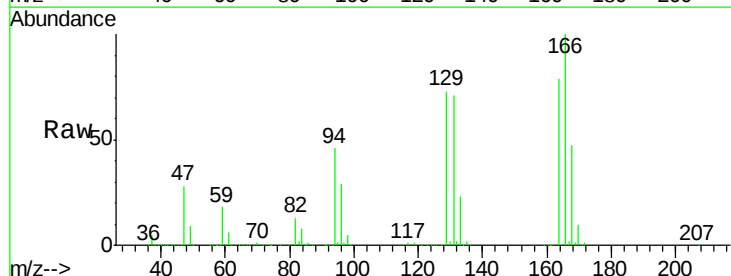
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

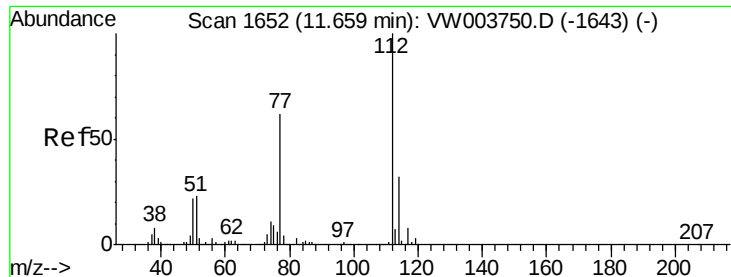
Tgt Ion:117 Resp: 357675
Ion Ratio Lower Upper
117 100
82 56.4 46.9 70.3
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 160.029 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion:164 Resp: 393982
Ion Ratio Lower Upper
164 100
166 127.2 104.2 156.4
129 93.4 75.8 113.8
131 90.0 73.5 110.3





#65

Chlorobenzene

Concen: 149.771 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

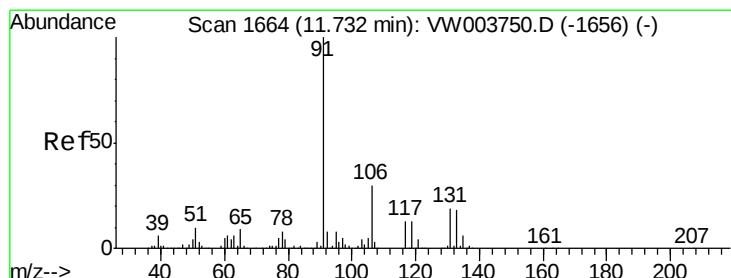
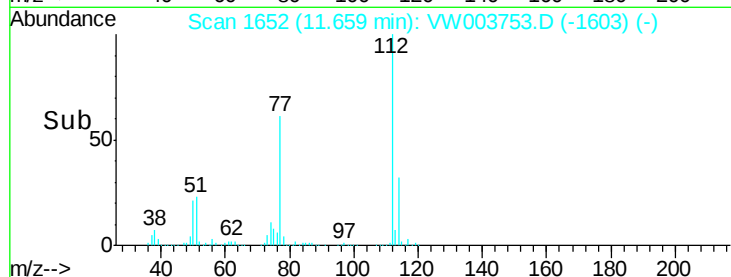
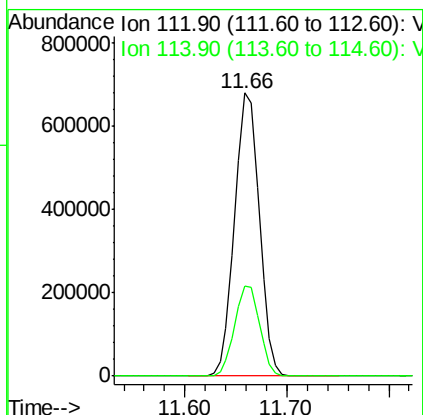
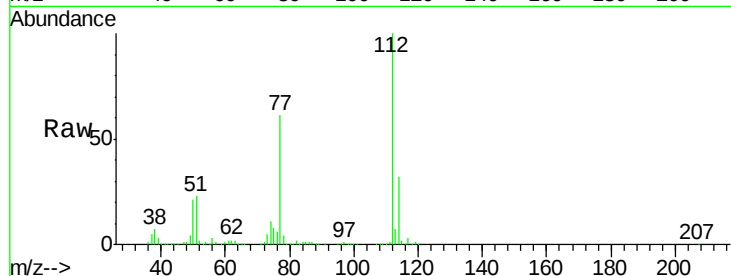
VSTDIC150

Tgt Ion:112 Resp: 1136504

Ion Ratio Lower Upper

112 100

114 31.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 153.462 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

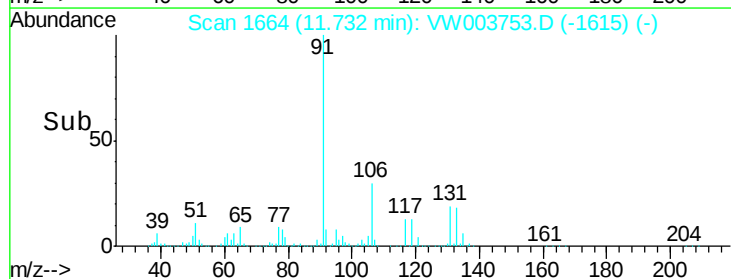
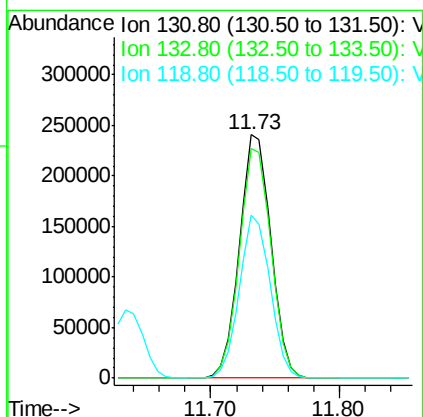
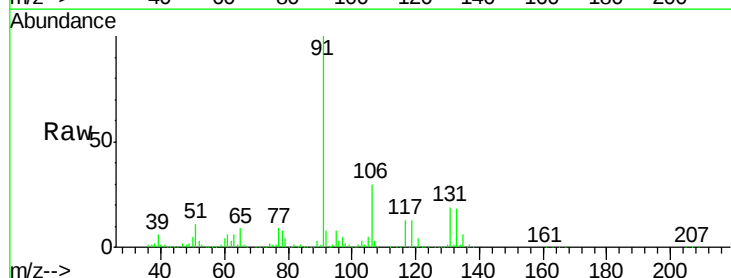
Tgt Ion:131 Resp: 406426

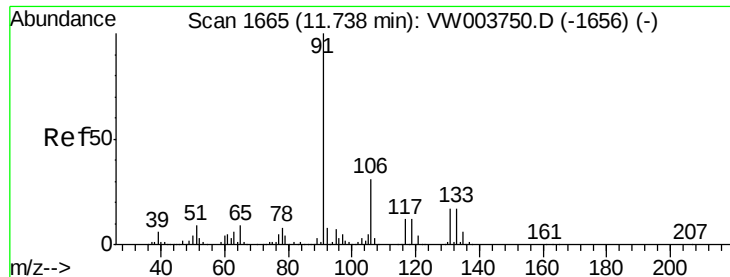
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

119 65.5 33.2 99.6

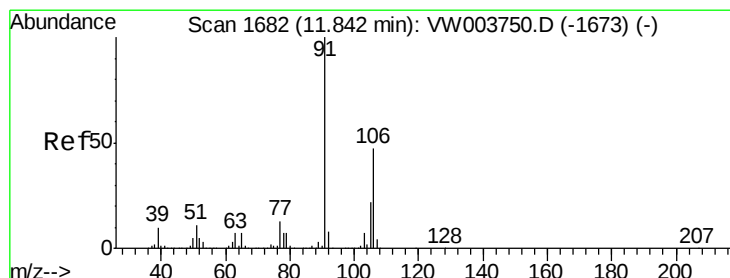
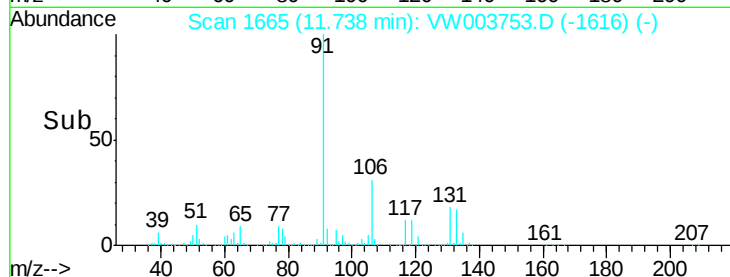
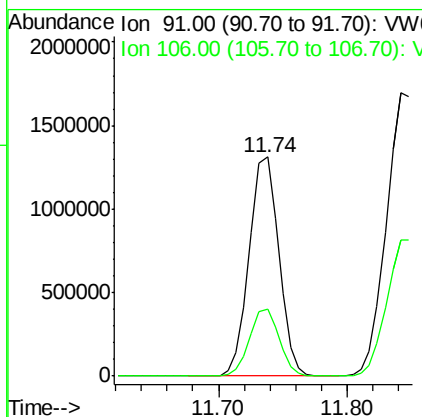
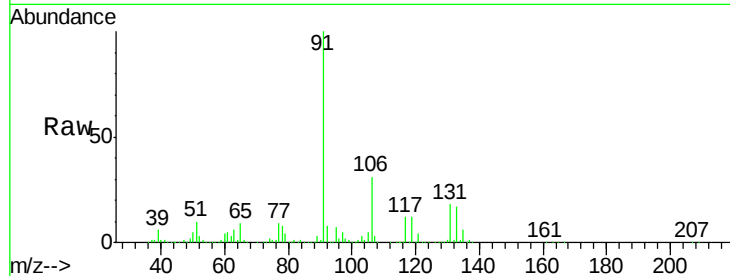




#67
Ethyl Benzene
Concen: 157.498 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

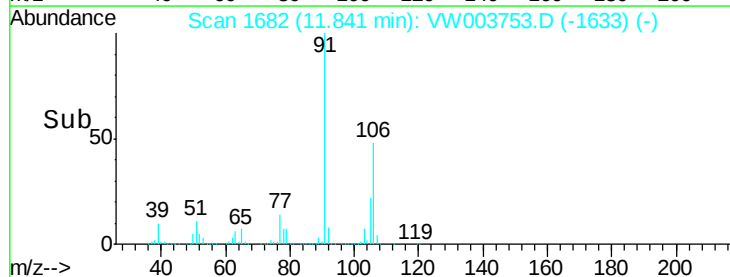
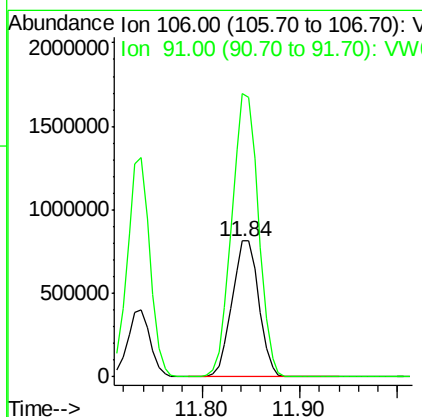
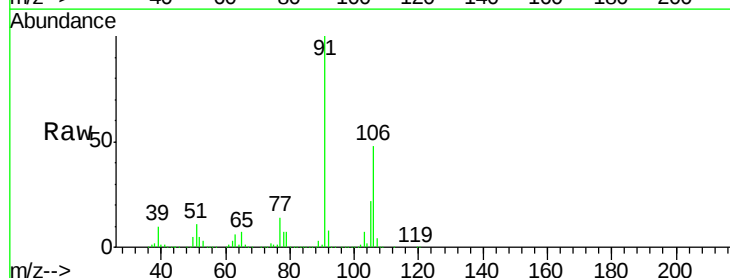
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

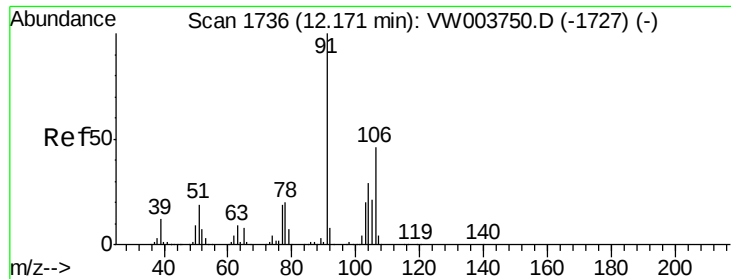
Tgt Ion: 91 Resp: 2086546
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 307.263 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 106 Resp: 1551190
Ion Ratio Lower Upper
106 100
91 206.7 164.3 246.5

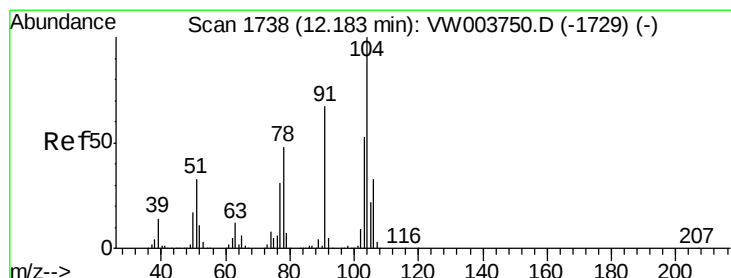
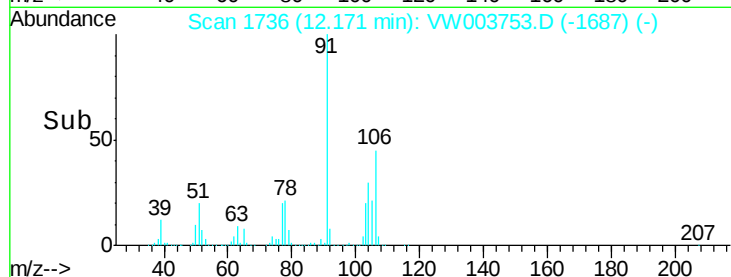
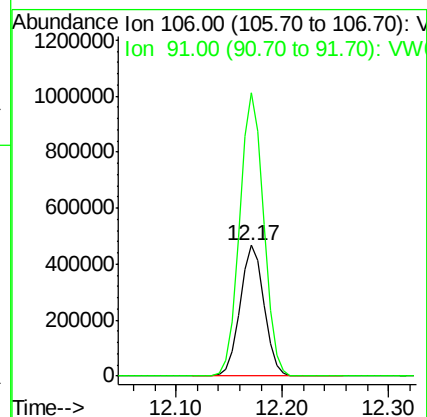
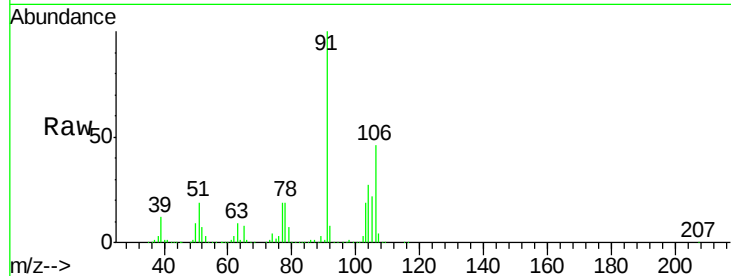




#69
o-Xylene
Concen: 157.985 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

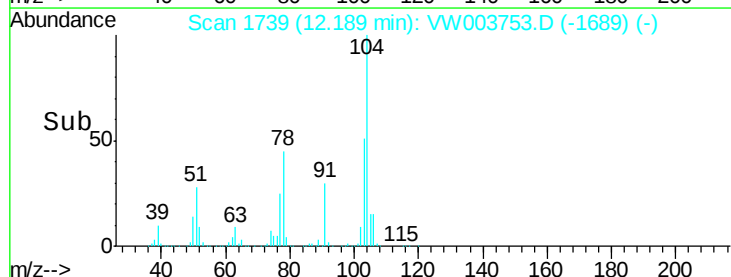
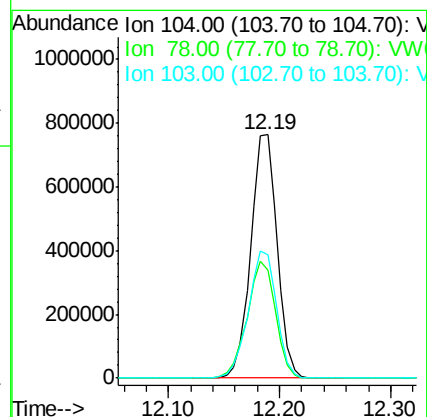
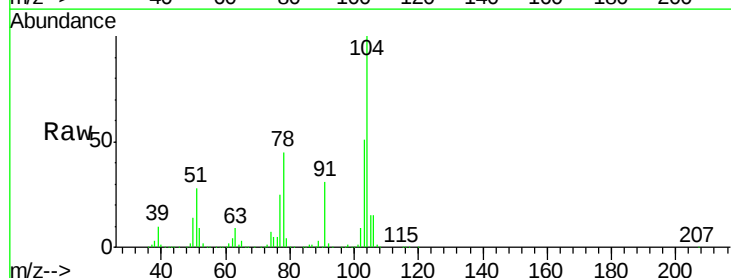
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

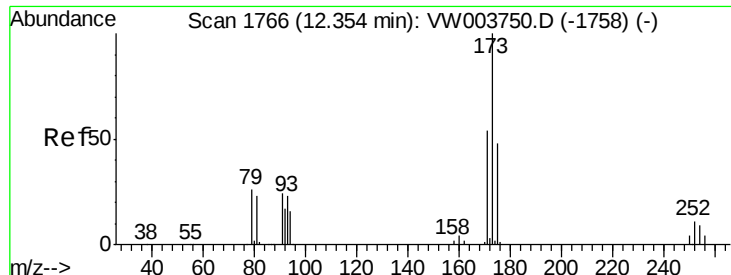
Tgt Ion:106 Resp: 738697
Ion Ratio Lower Upper
106 100
91 217.3 109.1 327.2



#70
Styrene
Concen: 160.409 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion:104 Resp: 1260535
Ion Ratio Lower Upper
104 100
78 51.5 41.1 61.7
103 55.5 44.6 67.0





#71

Bromoform

Concen: 152.754 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

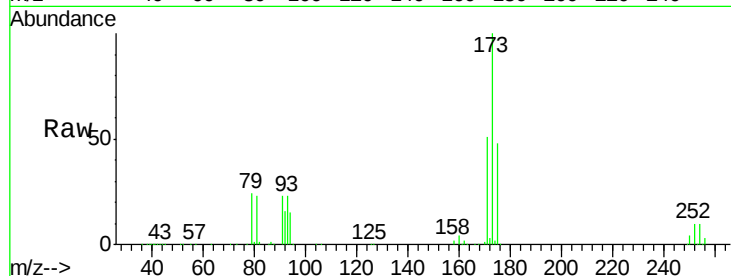
Tgt Ion:173 Resp: 226614

Ion Ratio Lower Upper

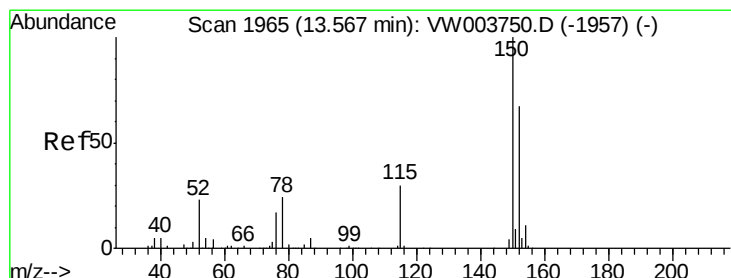
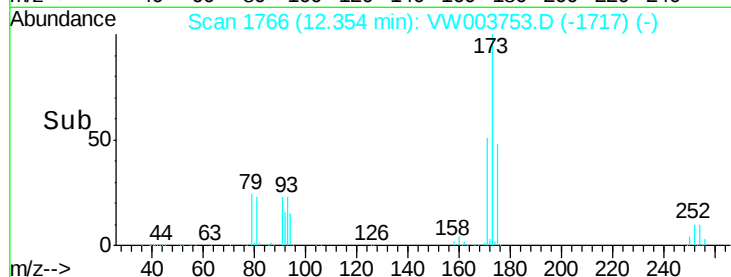
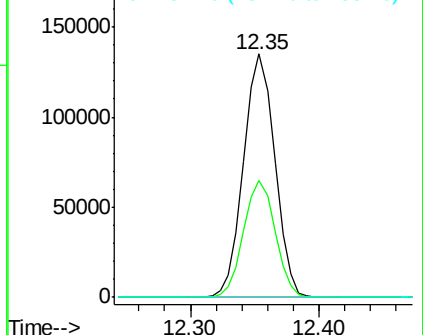
173 100

175 48.4 24.1 72.4

254 0.2 0.0 0.0#



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: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

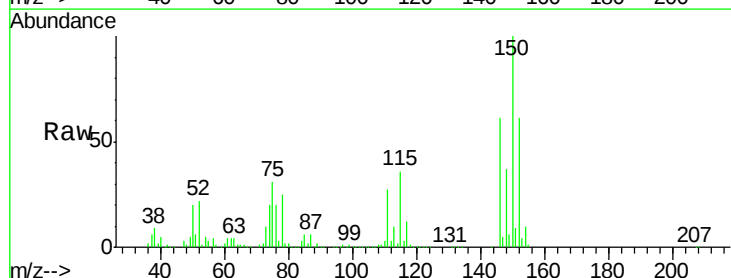
Tgt Ion:152 Resp: 179463

Ion Ratio Lower Upper

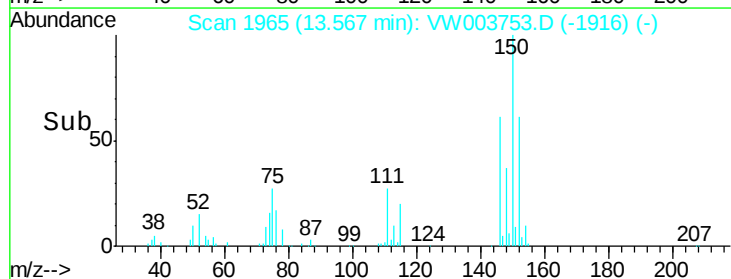
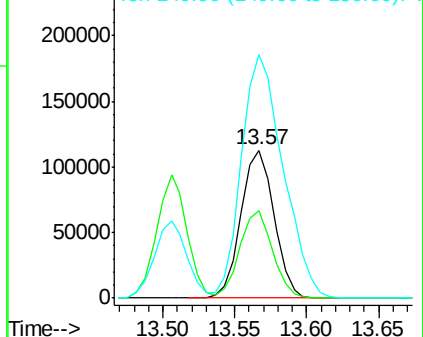
152 100

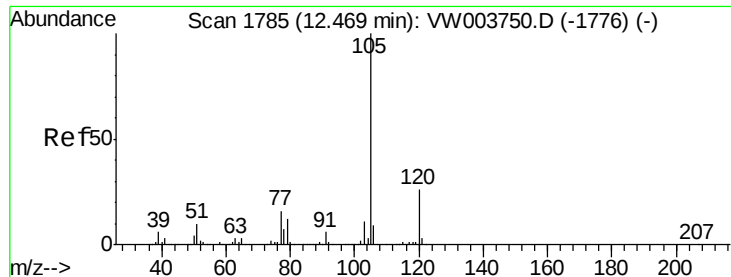
115 58.3 28.9 86.8

150 207.8 0.0 342.4



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: 163.648 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

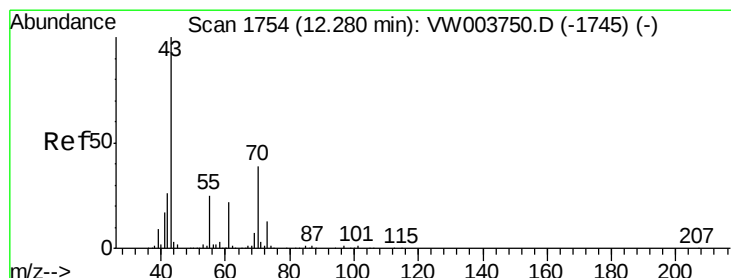
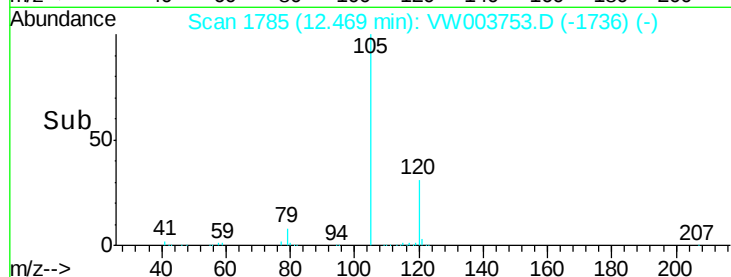
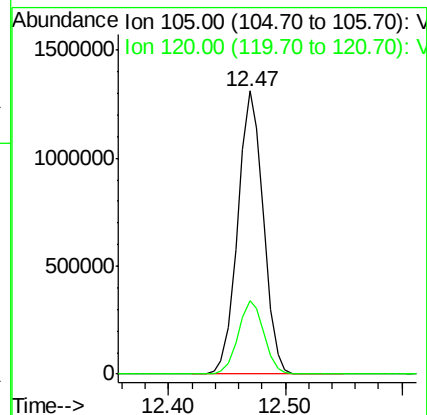
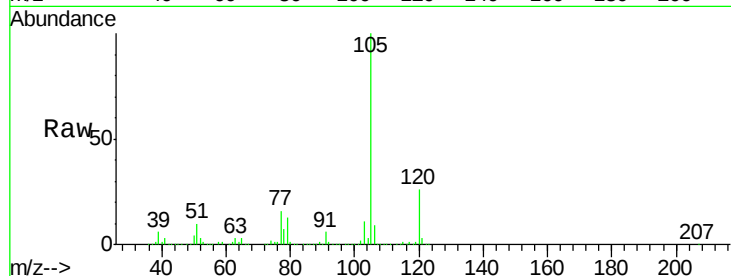
VSTDIC150

Tgt Ion:105 Resp: 2001787

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#74

N-ethyl acetate

Concen: 166.560 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Tgt Ion: 43 Resp: 543913

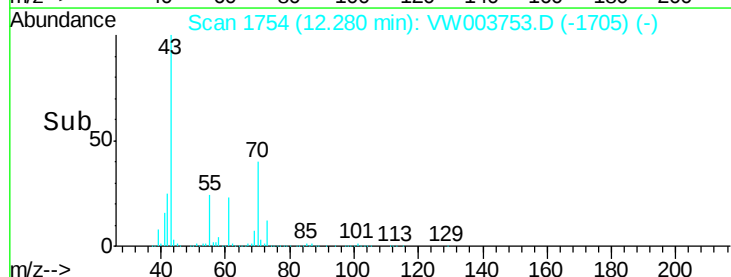
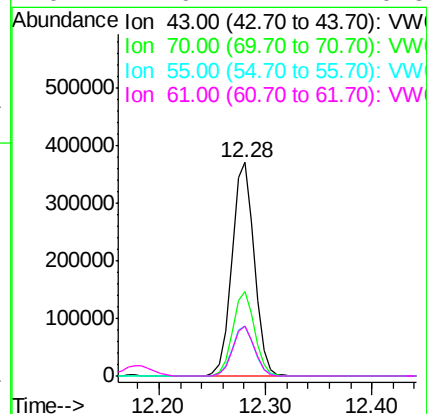
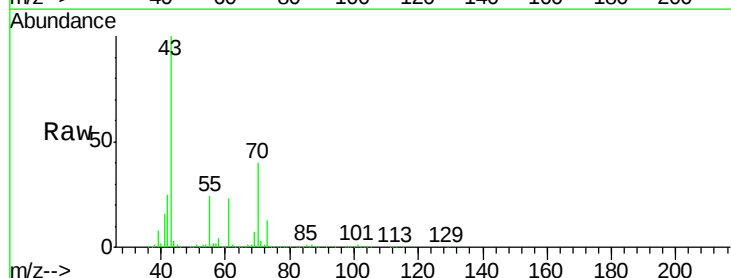
Ion Ratio Lower Upper

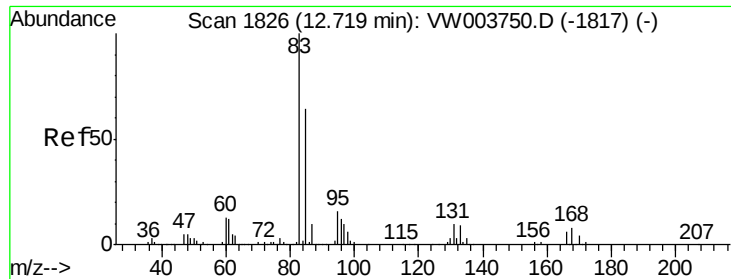
43 100

70 39.1 31.3 46.9

55 23.7 20.1 30.1

61 22.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 149.778 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

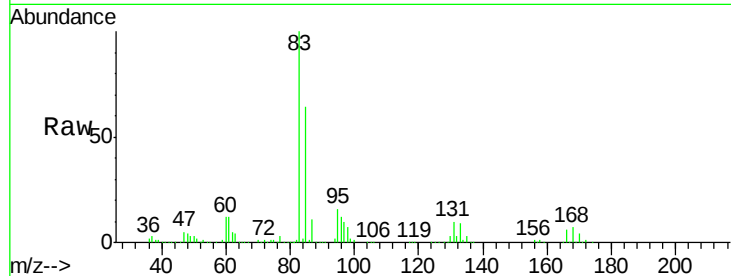
Tgt Ion: 83 Resp: 362599

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

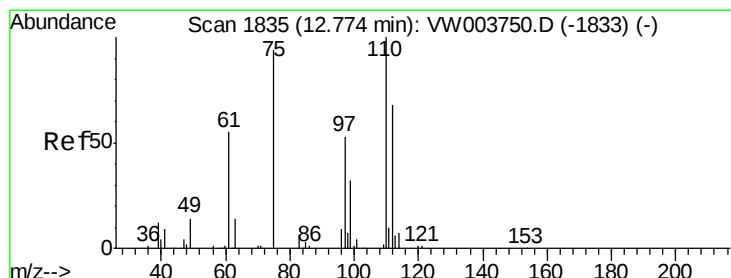
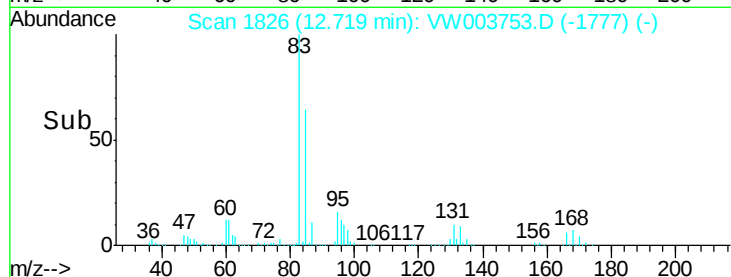
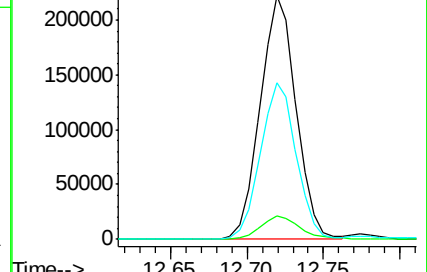
85 64.2 32.1 96.3



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: 304.959 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003753.D

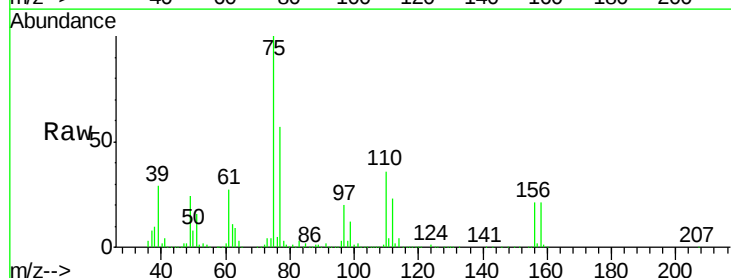
Acq: 07 Jul 2018 01:24

Tgt Ion: 75 Resp: 495266

Ion Ratio Lower Upper

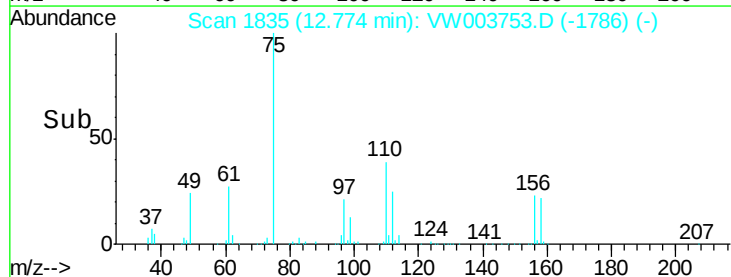
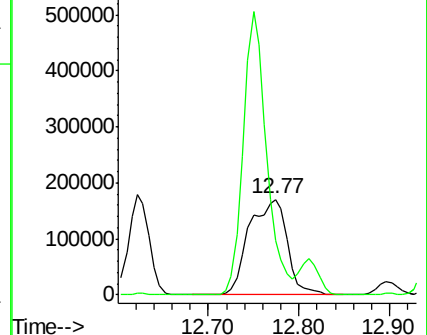
75 100

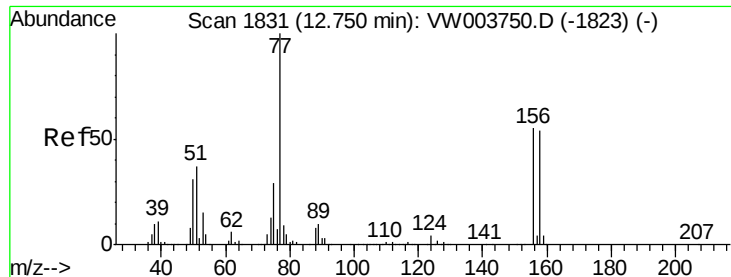
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

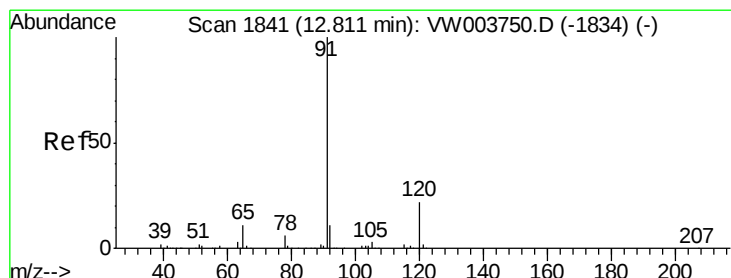
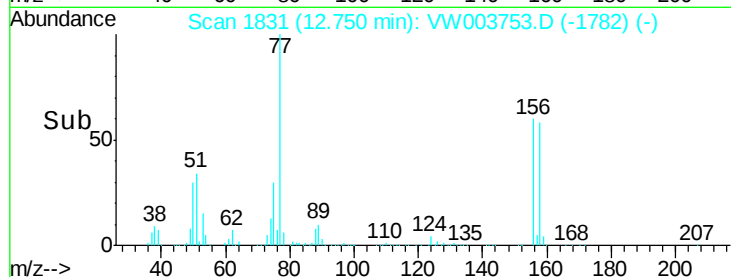
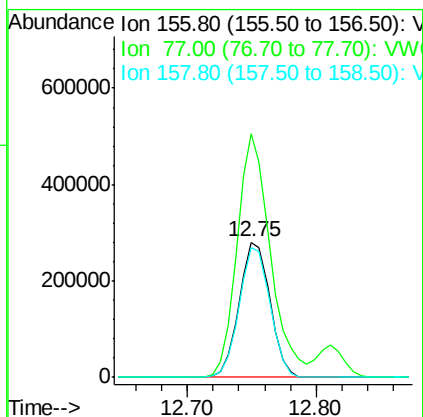
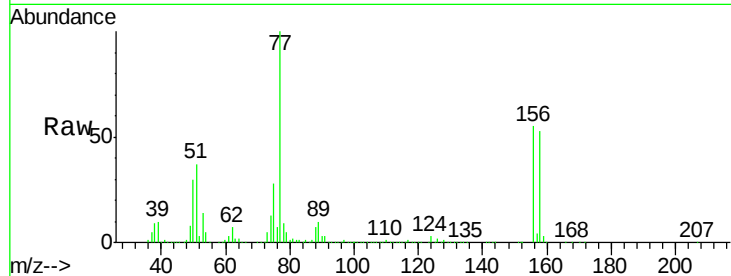




#77
Bromobenzene
Concen: 157.612 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

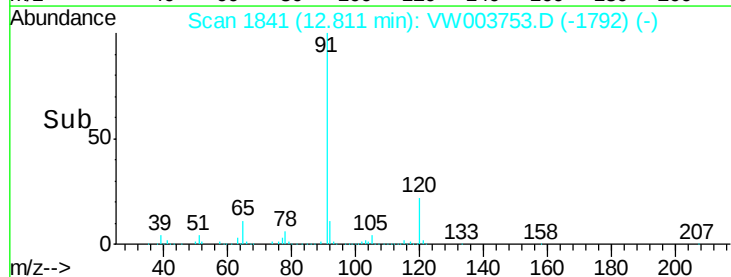
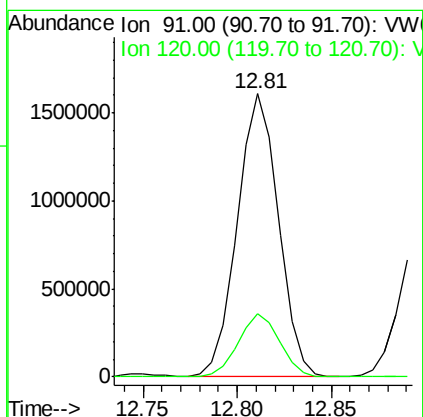
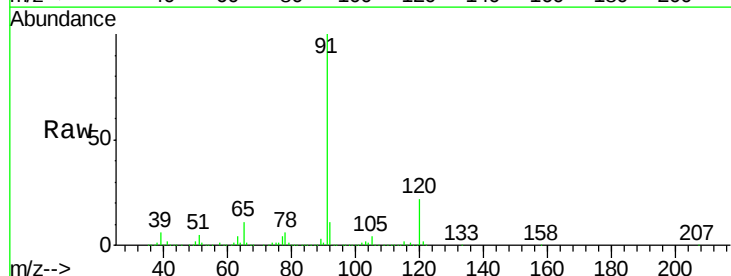
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

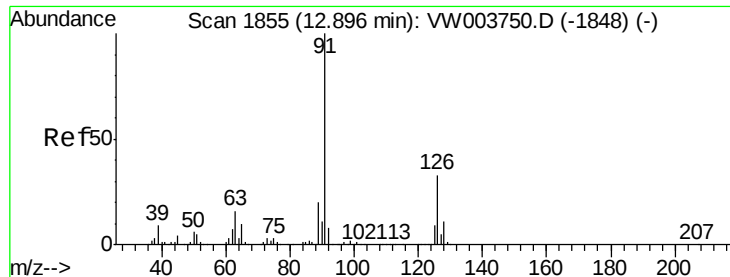
Tgt Ion:156 Resp: 463230
Ion Ratio Lower Upper
156 100
77 194.9 98.7 296.0
158 96.3 49.0 147.0



#78
n-propylbenzene
Concen: 160.761 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion: 91 Resp: 2431112
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 160.116 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampled :

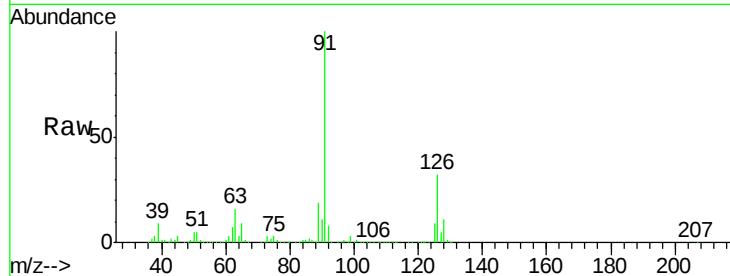
VSTDIC150

Tgt Ion: 91 Resp: 1377225

Ion Ratio Lower Upper

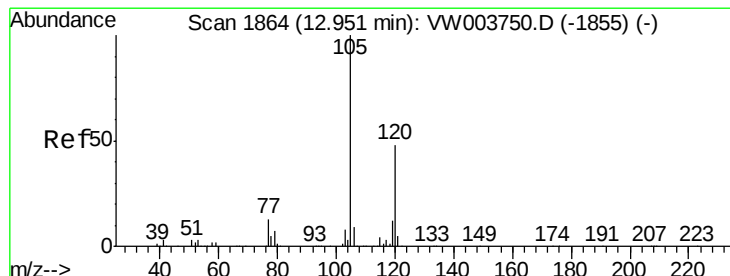
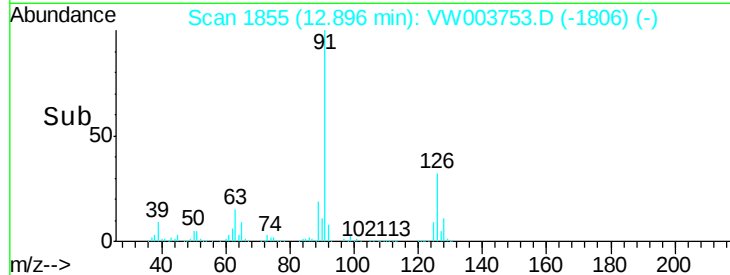
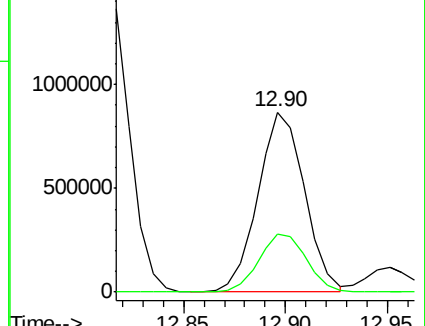
91 100

126 33.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 160.145 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003753.D

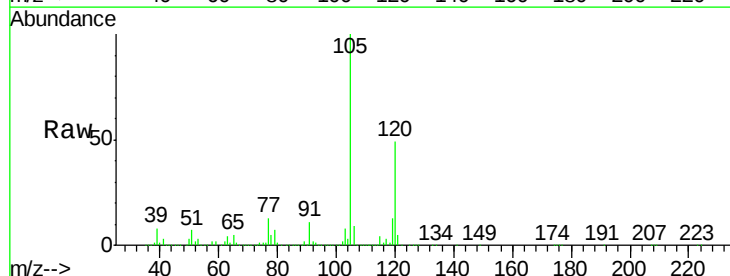
Acq: 07 Jul 2018 01:24

Tgt Ion: 105 Resp: 1661250

Ion Ratio Lower Upper

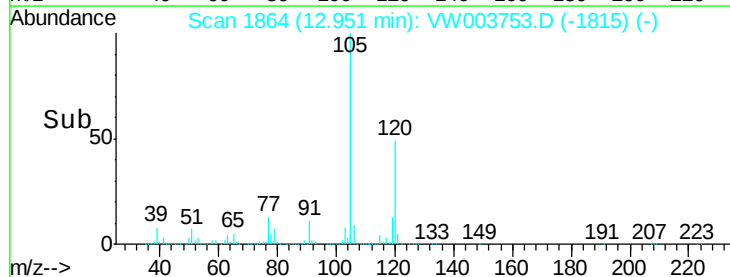
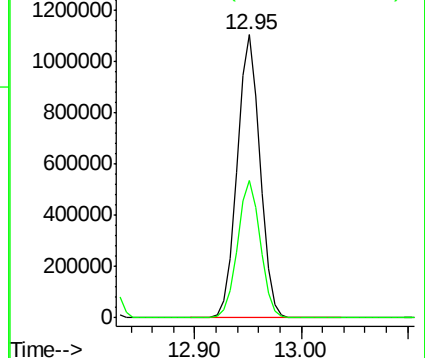
105 100

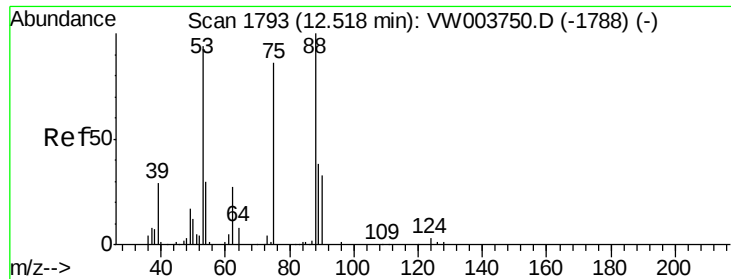
120 48.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 156.624 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

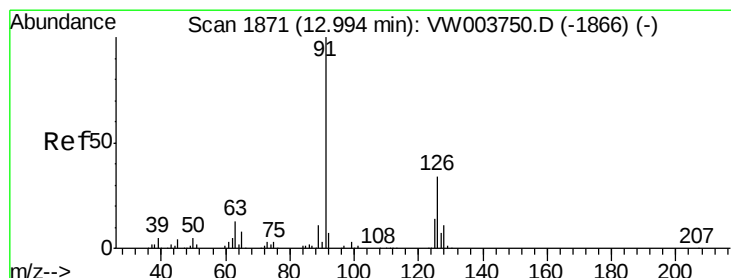
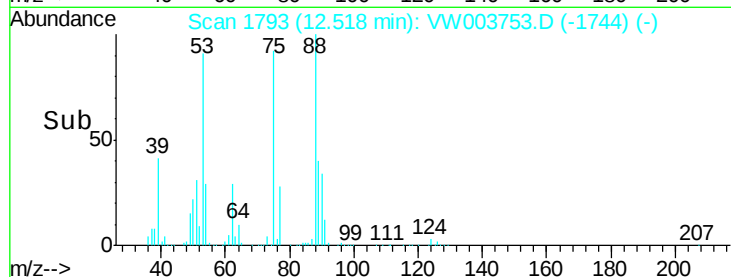
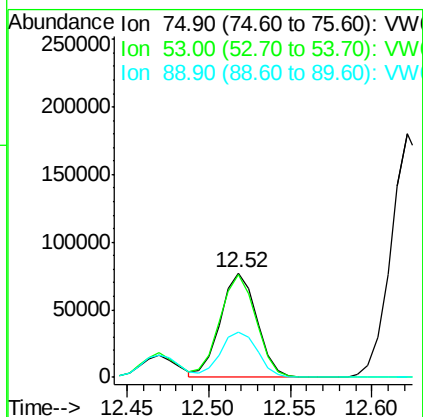
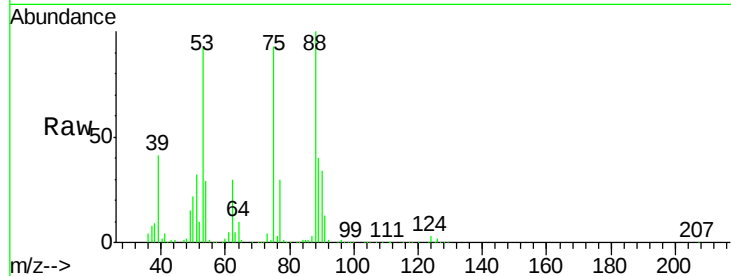
Tgt Ion: 75 Resp: 119511

Ion Ratio Lower Upper

75 100

53 99.0 85.0 127.6

89 44.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 159.085 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003753.D

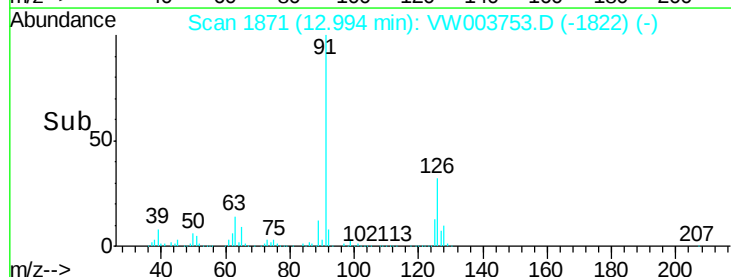
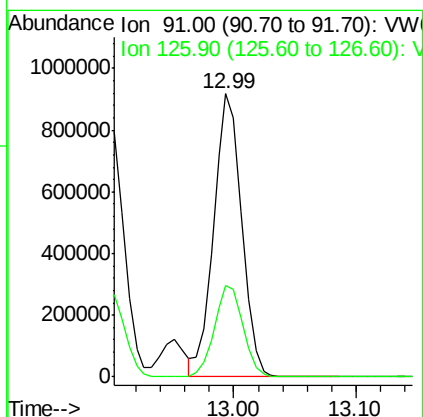
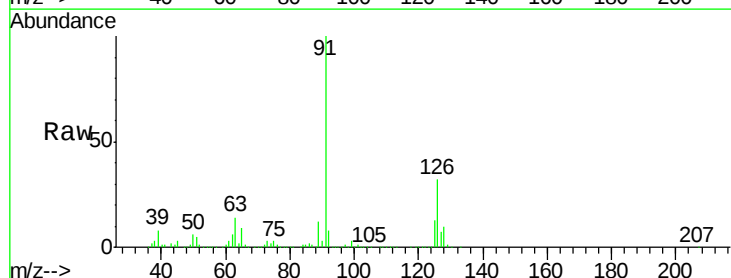
Acq: 07 Jul 2018 01:24

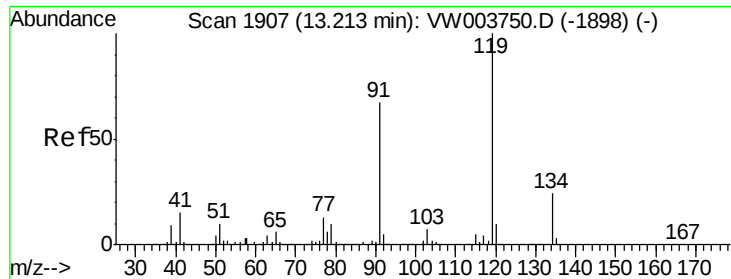
Tgt Ion: 91 Resp: 1459268

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5

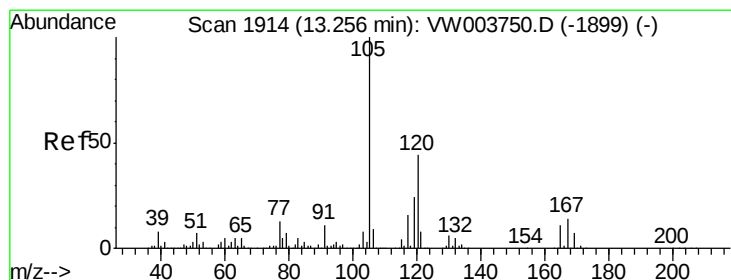
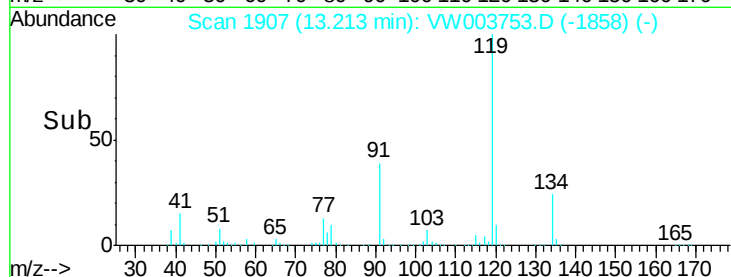
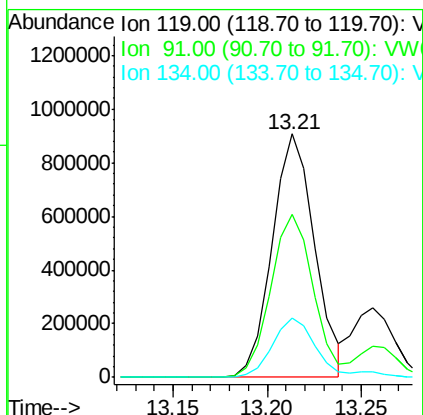
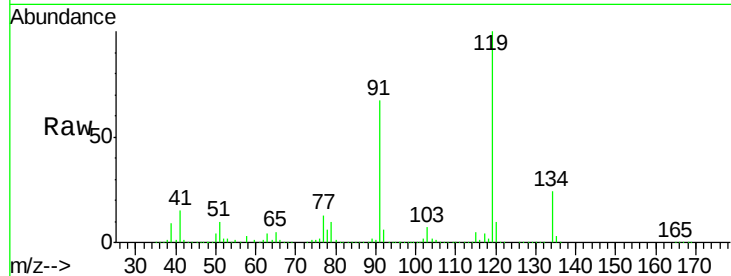




#83
 tert-Butylbenzene
 Concen: 162.267 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

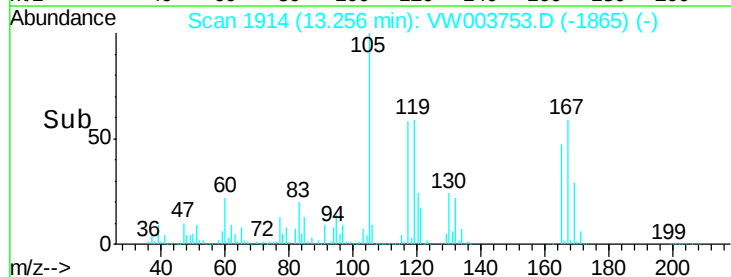
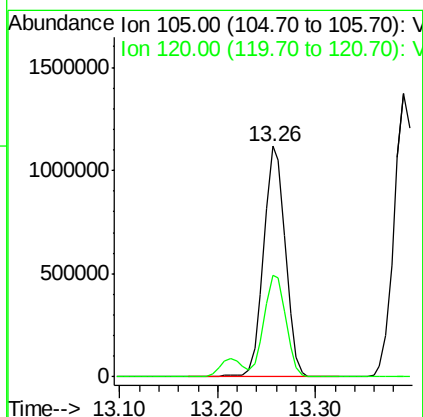
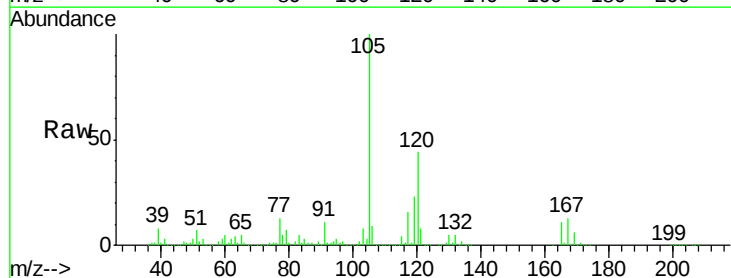
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

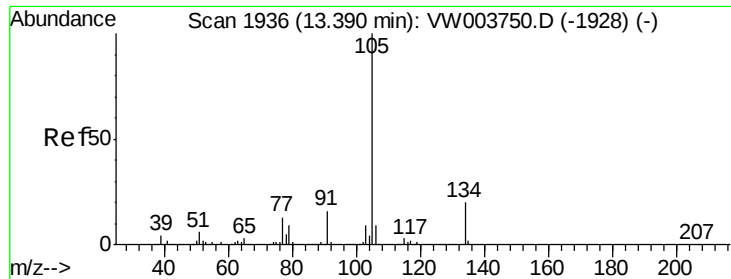
Tgt Ion:119 Resp: 1417284
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.0 98.9
 134 26.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 161.387 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion:105 Resp: 1722895
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0

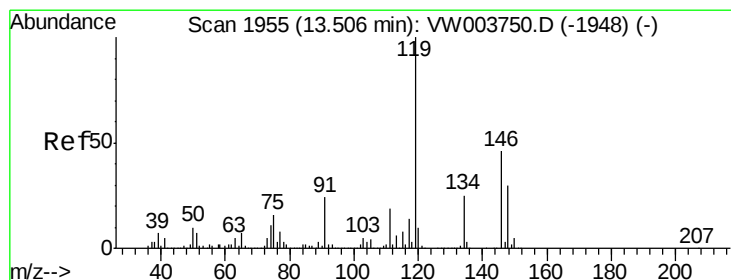
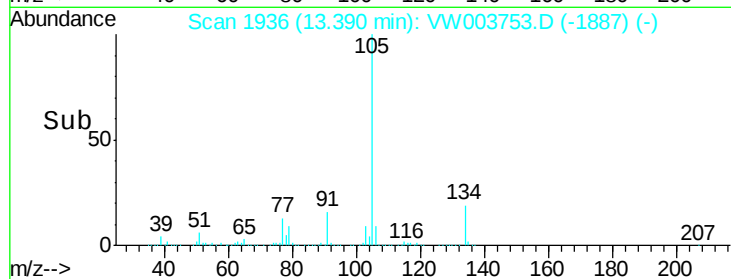
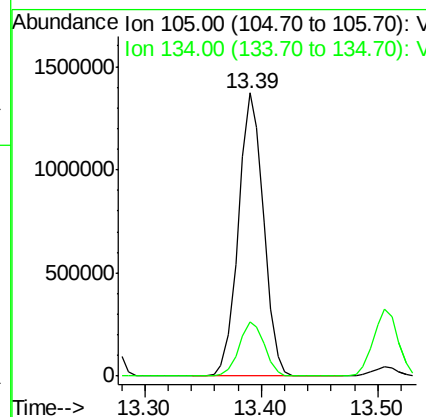
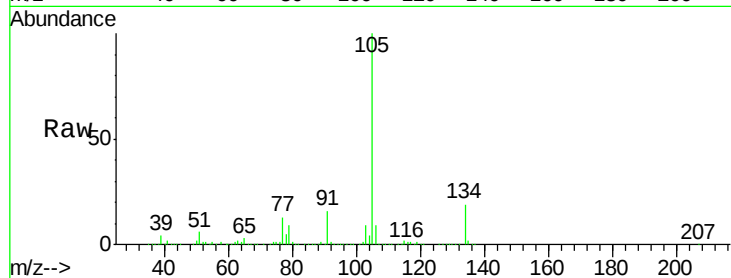




#85
 sec-Butylbenzene
 Concen: 159.015 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

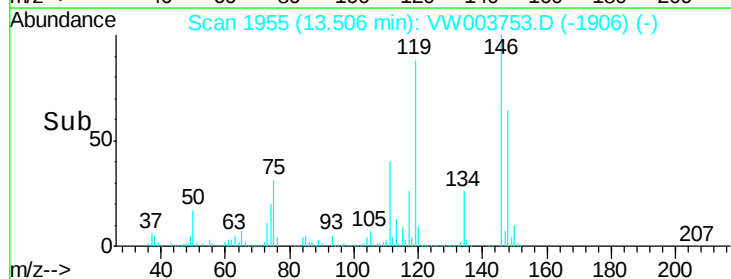
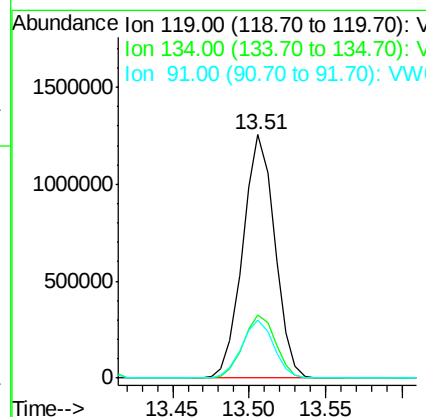
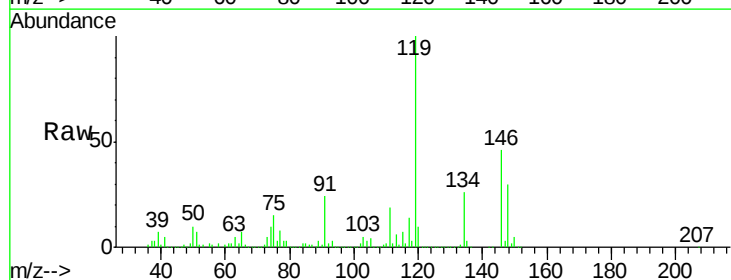
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

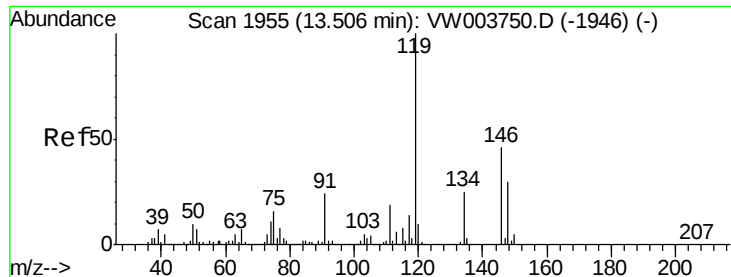
Tgt Ion:105 Resp: 2062773
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 160.562 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion:119 Resp: 1824270
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 152.997 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

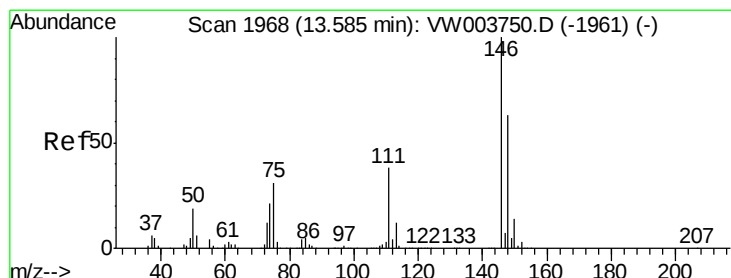
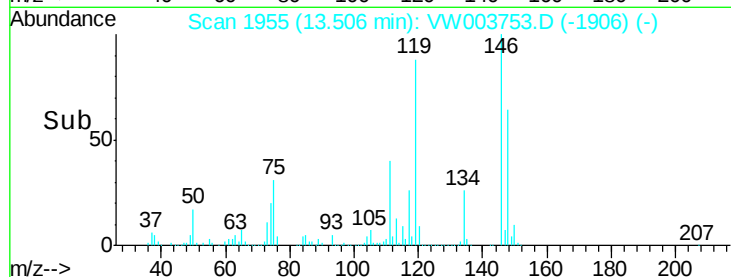
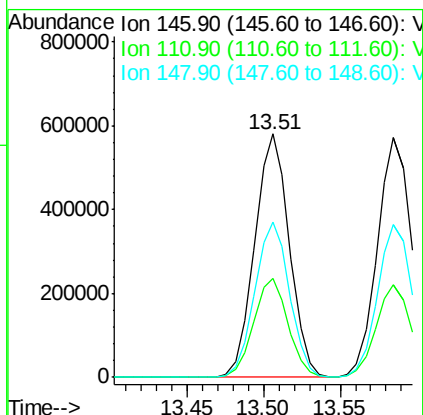
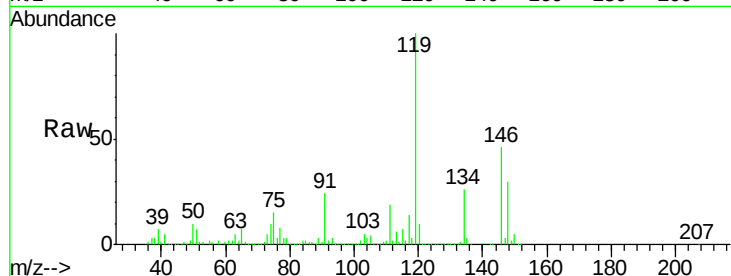
Tgt Ion:146 Resp: 914636

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 149.652 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

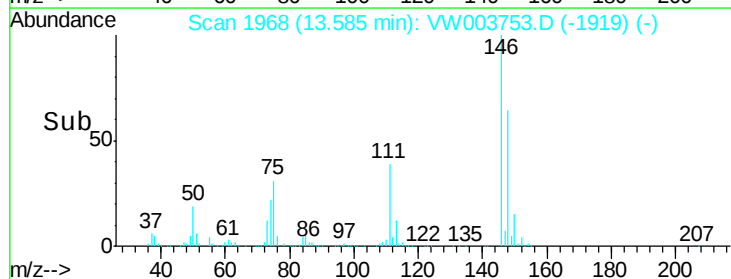
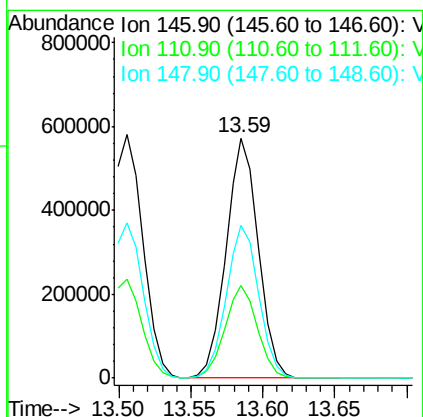
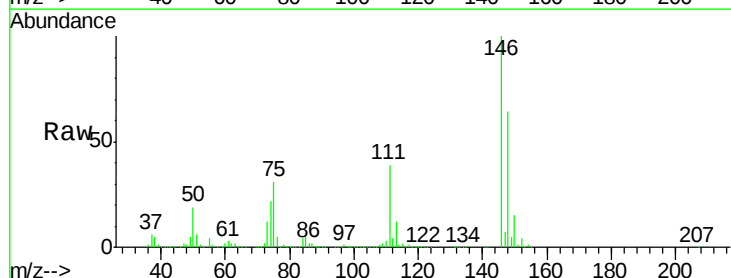
Tgt Ion:146 Resp: 894453

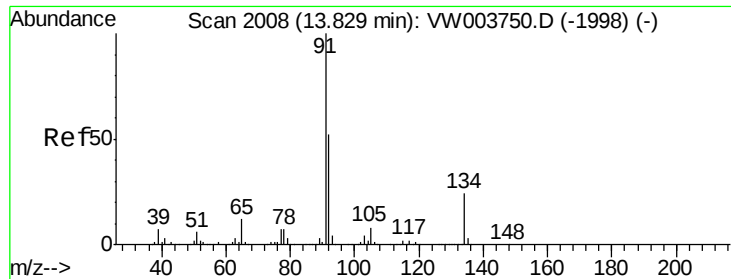
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.4

148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 157.917 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

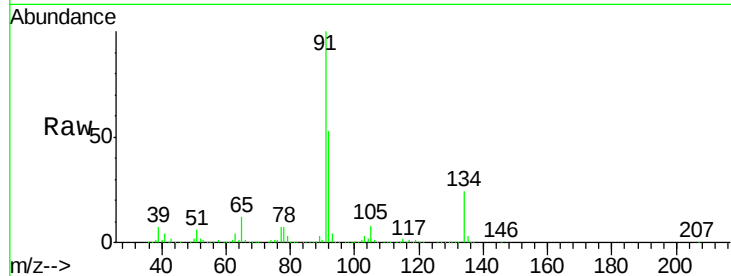
Tgt Ion: 91 Resp: 1770105

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

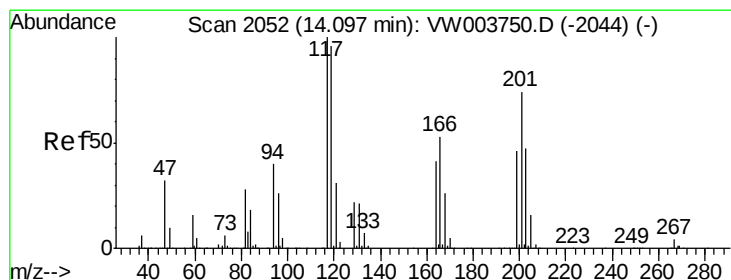
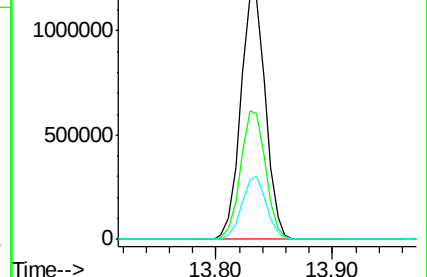
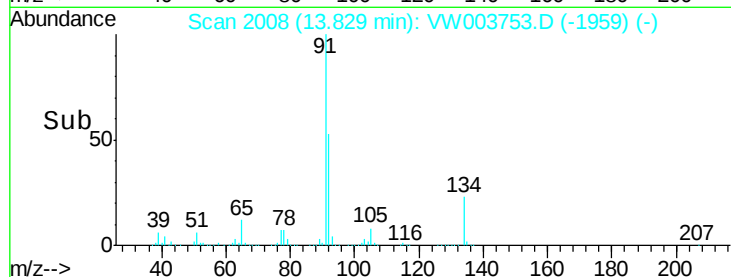
134 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 160.051 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW003753.D

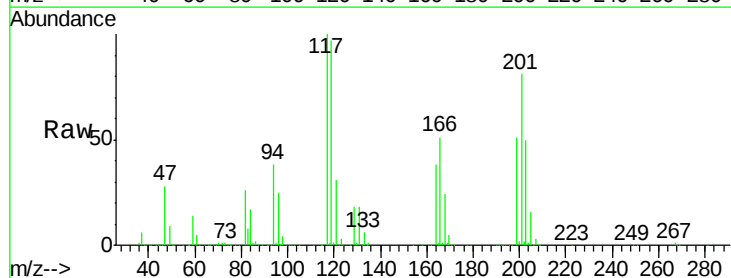
Acq: 07 Jul 2018 01:24

Tgt Ion: 117 Resp: 338295

Ion Ratio Lower Upper

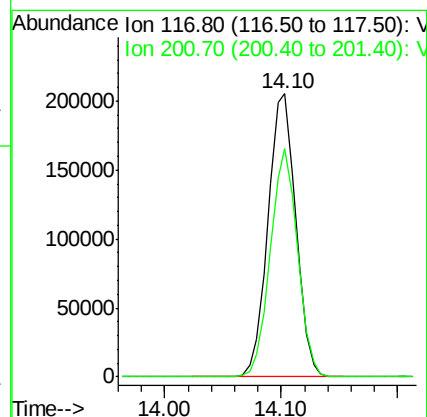
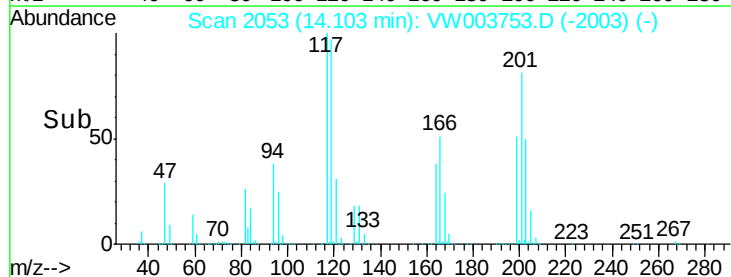
117 100

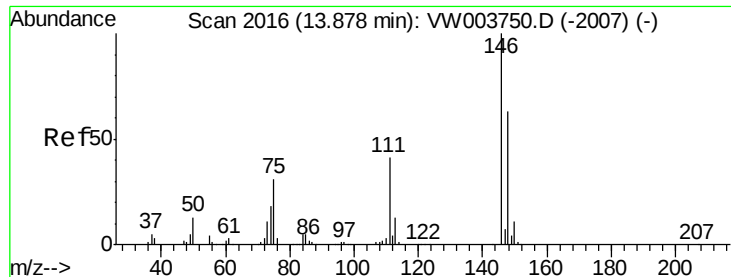
201 78.5 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 152.183 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

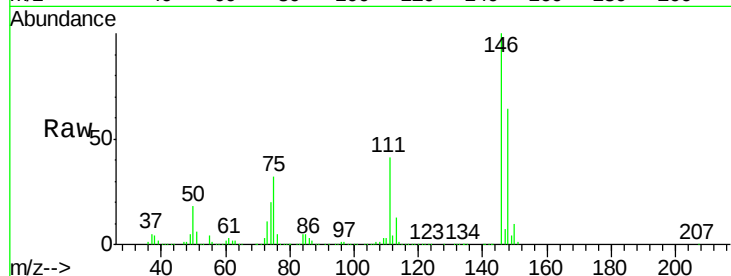
Tgt Ion:146 Resp: 814883

Ion Ratio Lower Upper

146 100

111 41.3 20.7 62.1

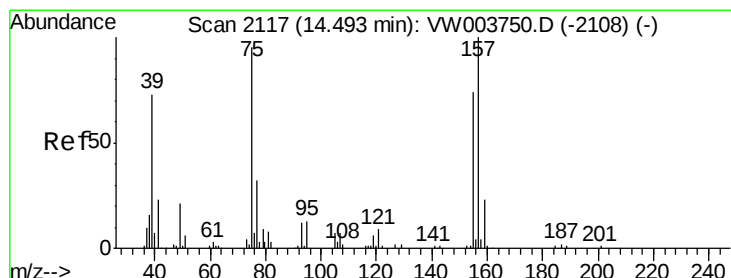
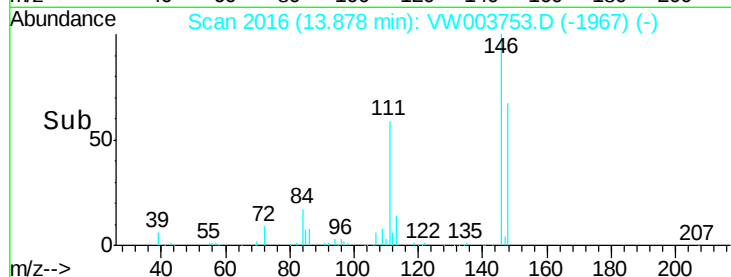
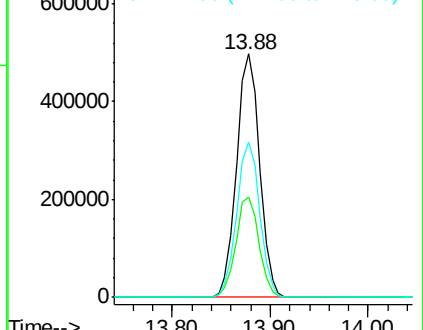
148 63.8 31.9 95.9



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: 151.714 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003753.D

Acq: 07 Jul 2018 01:24

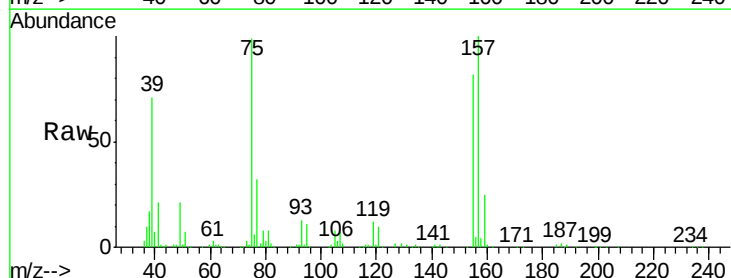
Tgt Ion: 75 Resp: 64189

Ion Ratio Lower Upper

75 100

155 80.4 39.2 117.6

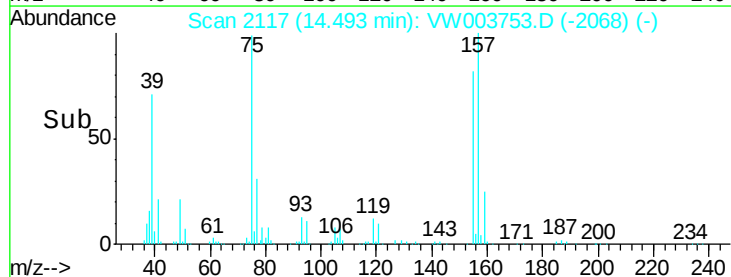
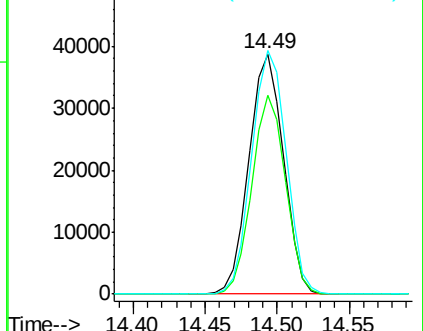
157 101.7 50.7 152.1

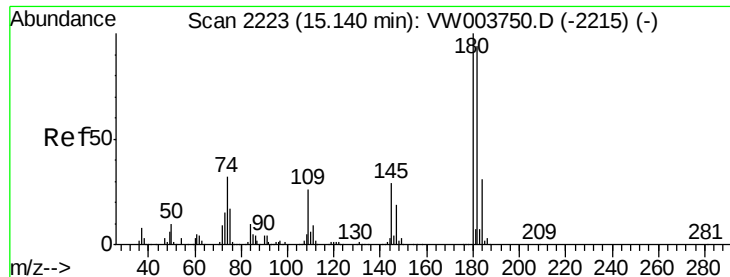


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

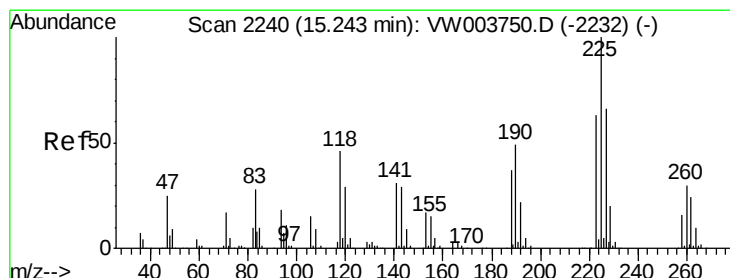
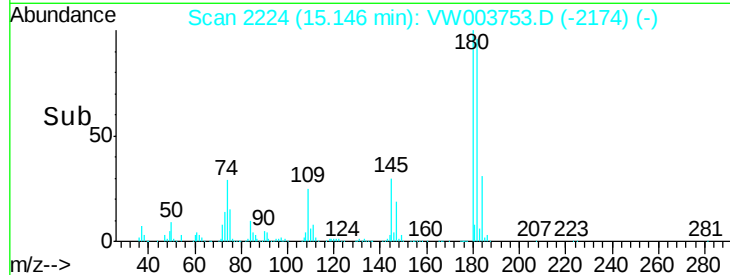
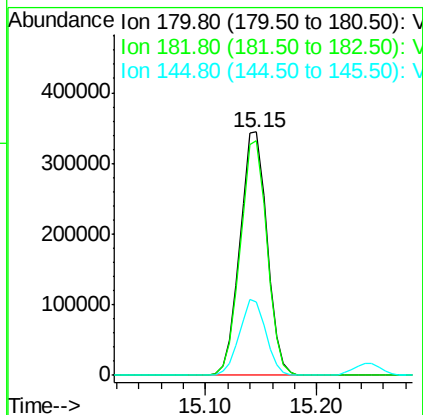
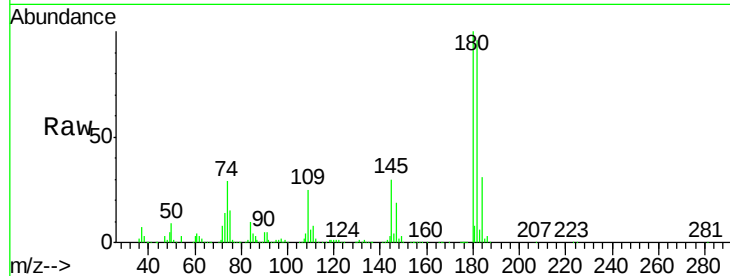




#93
 1,2,4-Trichlorobenzene
 Concen: 154.280 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

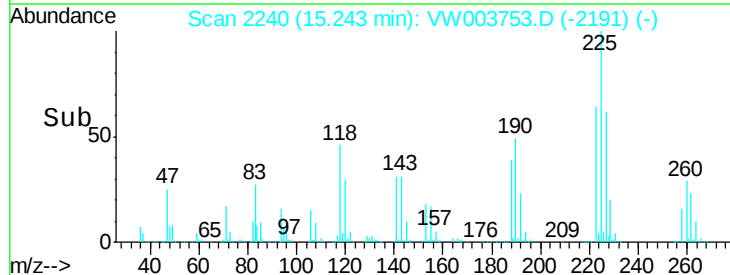
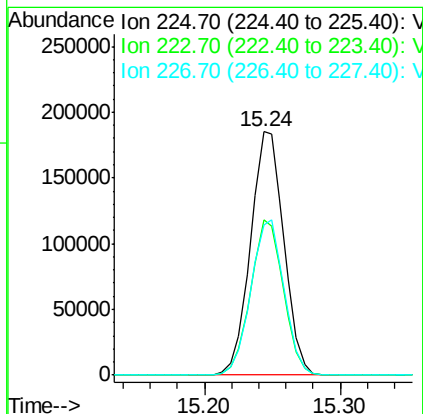
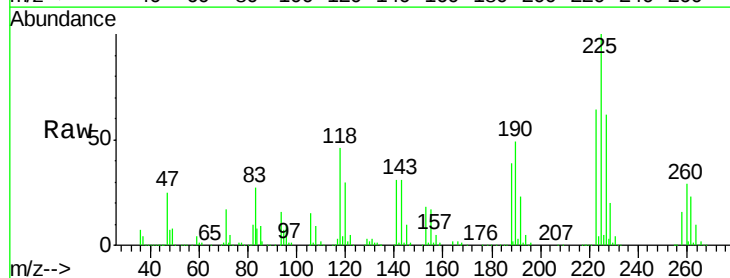
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

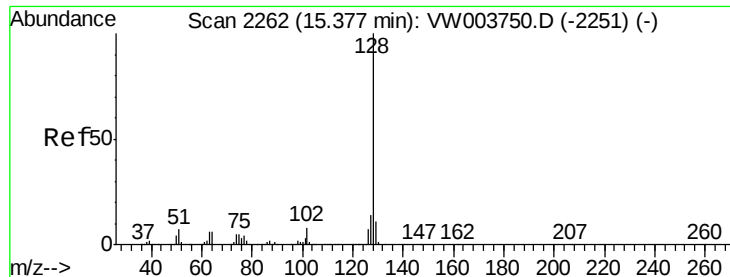
Tgt Ion:180 Resp: 580749
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.2
 145 30.5 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 147.164 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003753.D
 Acq: 07 Jul 2018 01:24

Tgt Ion:225 Resp: 317786
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.6 97.7
 227 63.4 32.5 97.5

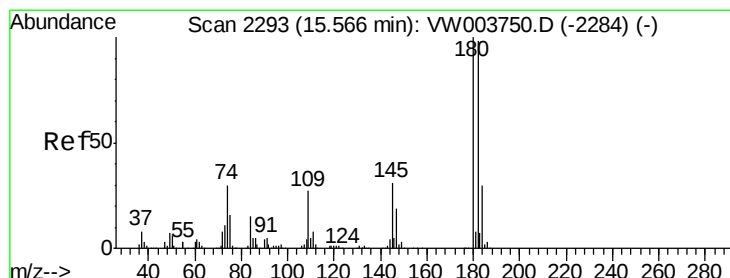
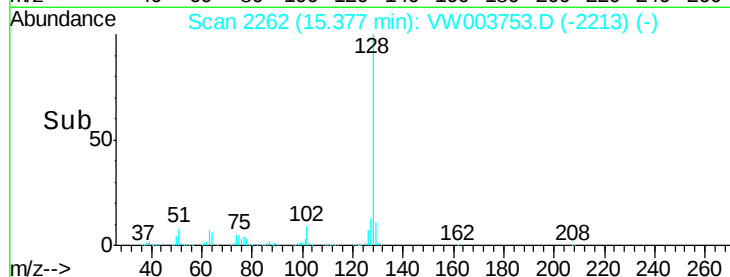
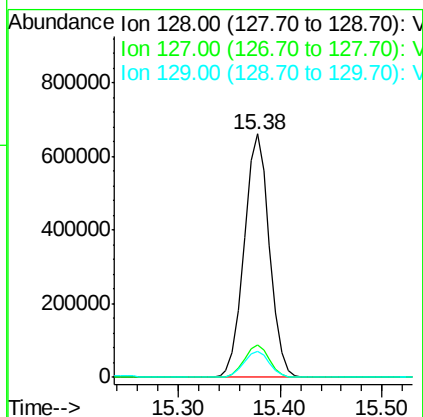
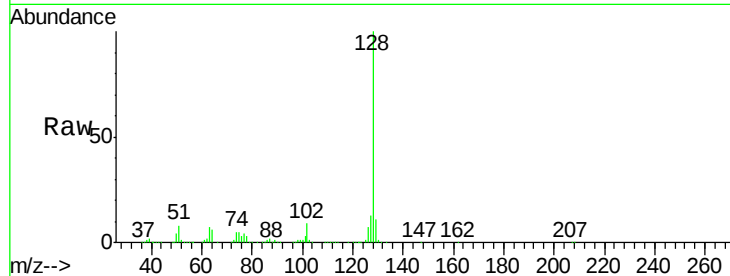




#95
Naphthalene
Concen: 164.520 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1131528
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 154.074 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003753.D
Acq: 07 Jul 2018 01:24

Tgt Ion:180 Resp: 518690
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 31.8 15.8 47.4

