

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003683.D
 Acq On : 02 Jul 2018 18:16
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Jul 03 02:30:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	222155	75.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.22%	
35) Dibromofluoromethane	7.88	113	194161	73.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.12%	
50) Toluene-d8	10.33	98	772353	73.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.90%	
62) 4-Bromofluorobenzene	12.62	95	277468	74.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	95572	106.551	ug/l	97
3) Chloromethane	2.21	50	145149	69.623	ug/l	98
4) Vinyl Chloride	2.36	62	194490	64.516	ug/l	100
5) Bromomethane	2.77	94	127283	63.932	ug/l	99
6) Chloroethane	2.92	64	112545	54.886	ug/l	96
7) Trichlorofluoromethane	3.25	101	97727	55.650	ug/l	96
8) Diethyl Ether	3.67	74	95706	71.674	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	168555	67.047	ug/l	98
10) Methyl Iodide	4.26	142	257295	67.838	ug/l	99
11) Tert butyl alcohol	5.21	59	65112	405.335	ug/l	98
12) 1,1-Dichloroethene	4.03	96	170189	68.796	ug/l	97
13) Acrolein	3.89	56	19171	97.370	ug/l	98
14) Allyl chloride	4.65	41	298467	70.053	ug/l	99
15) Acrylonitrile	5.37	53	224440	401.100	ug/l	100
16) Acetone	4.13	43	234698	372.868	ug/l	99
17) Carbon Disulfide	4.37	76	539336	72.880	ug/l	99
18) Methyl Acetate	4.67	43	103392	70.658	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	346238	74.641	ug/l	98
20) Methylene Chloride	4.91	84	188101	61.511	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	196347	72.722	ug/l	100
22) Diisopropyl ether	6.31	45	632919	73.559	ug/l	99
23) Vinyl Acetate	6.26	43	2039177	405.536	ug/l	99
24) 1,1-Dichloroethane	6.21	63	363647	71.201	ug/l	99
25) 2-Butanone	7.18	43	328616	416.493	ug/l	99
26) 2,2-Dichloropropane	7.17	77	208155	62.192	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	212044	72.172	ug/l	99
28) Bromochloromethane	7.51	49	156378	73.753	ug/l	100
29) Tetrahydrofuran	7.53	42	202606	418.587	ug/l	100
30) Chloroform	7.68	83	363279	70.085	ug/l	96
31) Cyclohexane	7.95	56	328507	68.629	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	279481	65.885	ug/l	98
36) 1,1-Dichloropropene	8.08	75	292110	70.550	ug/l	100
37) Ethyl Acetate	7.26	43	138810	79.081	ug/l	99
38) Carbon Tetrachloride	8.07	117	271406	67.395	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	352412	73.344	ug/l	99
40) Benzene	8.32	78	821116	71.917	ug/l	99
41) Methacrylonitrile	7.49	41	84192	79.178	ug/l	97
42) 1,2-Dichloroethane	8.40	62	253624	70.985	ug/l	100
43) Isopropyl Acetate	8.43	43	273374	79.314	ug/l	100
44) Trichloroethene	9.09	130	209926	69.996	ug/l	100
45) 1,2-Dichloropropane	9.37	63	212676	73.179	ug/l	99
46) Dibromomethane	9.46	93	110473	73.940	ug/l	99
47) Bromodichloromethane	9.65	83	275828	72.424	ug/l	100
48) Methyl methacrylate	9.44	41	133999	82.462	ug/l	99
49) 1,4-Dioxane	9.46	88	33651	1488.615	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	718336	406.342	ug/l	100
52) Toluene	10.39	92	521003	71.296	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	295739	75.819	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	334458	75.231	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	153918	73.143	ug/l	97
56) Ethyl methacrylate	10.65	69	212201	82.487	ug/l	99
57) 1,3-Dichloropropane	10.93	76	272255	74.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	414487	365.456	ug/l	99
59) 2-Hexanone	10.98	43	519635	419.894	ug/l	99
60) Dibromochloromethane	11.13	129	185151	74.427	ug/l	99
61) 1,2-Dibromoethane	11.24	107	150936	75.804	ug/l	98
64) Tetrachloroethene	10.87	164	182024	68.372	ug/l	96
65) Chlorobenzene	11.66	112	567336	68.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	198879	68.354	ug/l	99
67) Ethyl Benzene	11.74	91	1034260	70.298	ug/l	99
68) m/p-Xylenes	11.85	106	782673	139.928	ug/l	100
69) o-Xylene	12.17	106	367061	71.059	ug/l	100
70) Styrene	12.19	104	625730	72.416	ug/l	99
71) Bromoform	12.35	173	111789	73.603	ug/l #	100
73) Isopropylbenzene	12.47	105	1007796	69.343	ug/l	100
74) N-amyl acetate	12.28	43	269836	79.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	185780	74.041	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	255311	141.633	ug/l #	100
77) Bromobenzene	12.76	156	235592	69.303	ug/l	100
78) n-propylbenzene	12.81	91	1241477	69.562	ug/l	99
79) 2-Chlorotoluene	12.90	91	694468	68.855	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	849587	69.579	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	62936	79.317	ug/l	97
82) 4-Chlorotoluene	12.99	91	745817	69.741	ug/l	98
83) tert-Butylbenzene	13.21	119	722333	69.488	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	877078	69.670	ug/l	100
85) sec-Butylbenzene	13.39	105	1061622	68.647	ug/l	100
86) p-Isopropyltoluene	13.51	119	943932	69.358	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	472645	67.898	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	466085	67.308	ug/l	99
89) n-Butylbenzene	13.83	91	926903	69.718	ug/l	99
90) Hexachloroethane	14.10	117	168969	68.532	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	419276	68.627	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32548	76.978	ug/l	99

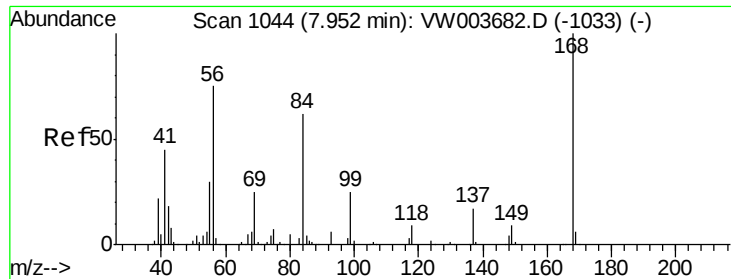
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	300881	70.105	ug/l	100
94) Hexachlorobutadiene	15.25	225	170247	66.468	ug/l	99
95) Naphthalene	15.38	128	569921	77.337	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	265196	70.052	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

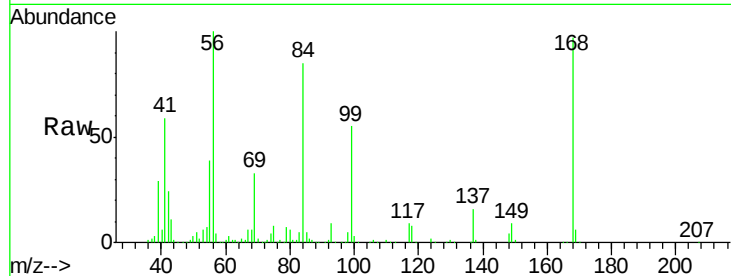
VSTDIC075

Tgt Ion:168 Resp: 267541

Ion Ratio Lower Upper

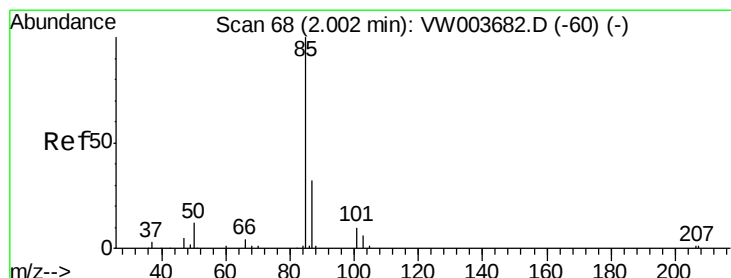
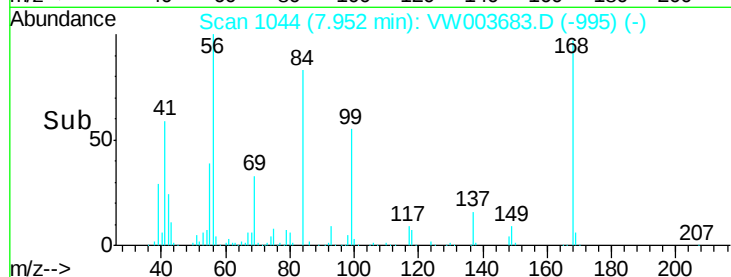
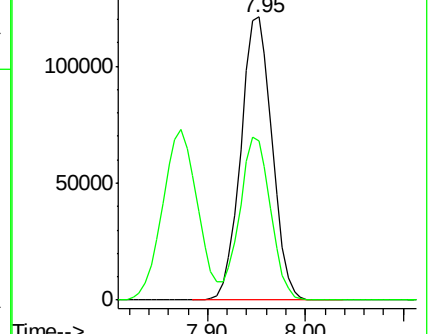
168 100

99 56.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 106.551 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003683.D

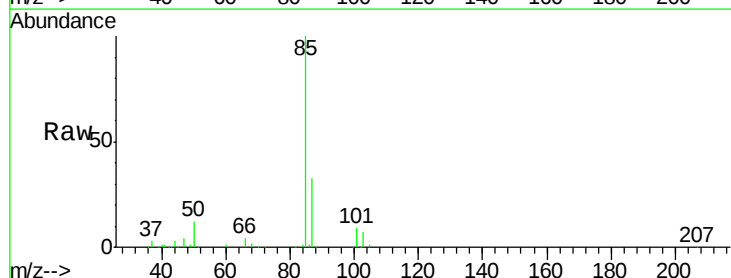
Acq: 02 Jul 2018 18:16

Tgt Ion: 85 Resp: 95572

Ion Ratio Lower Upper

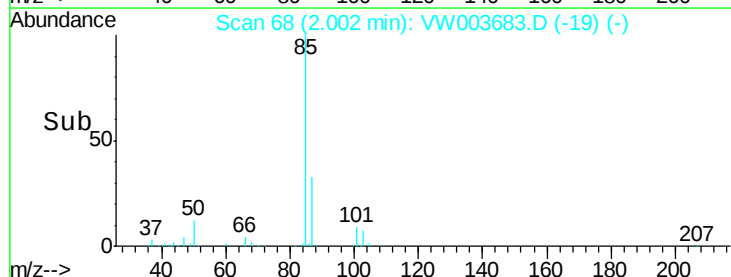
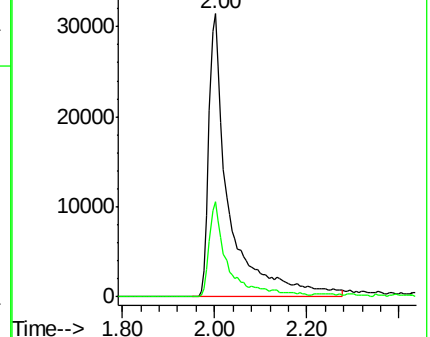
85 100

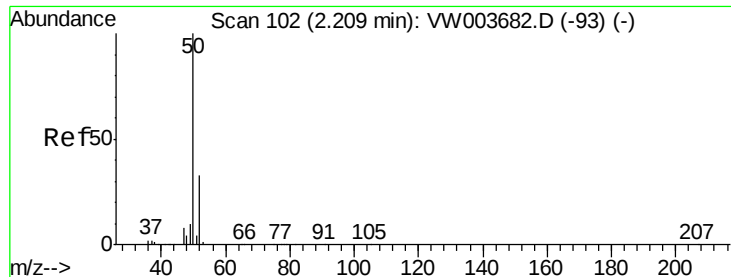
87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 69.623 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

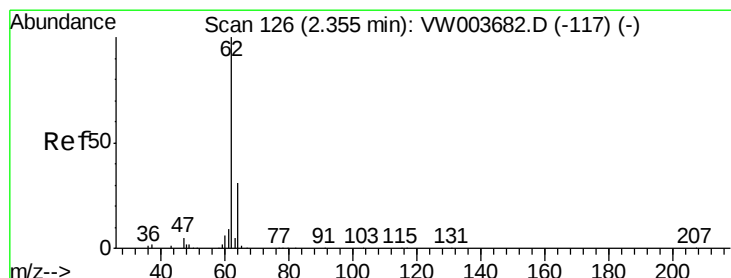
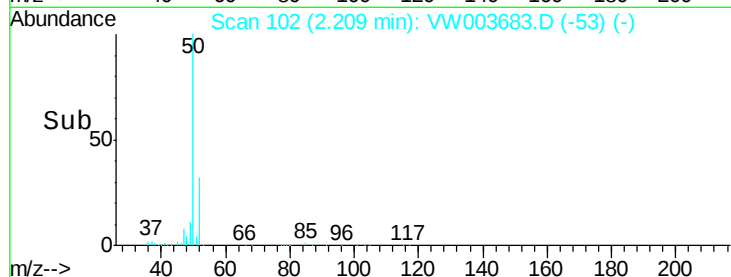
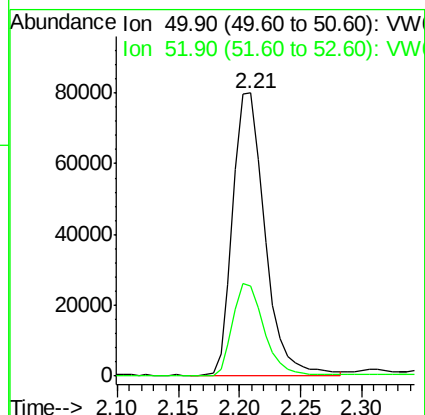
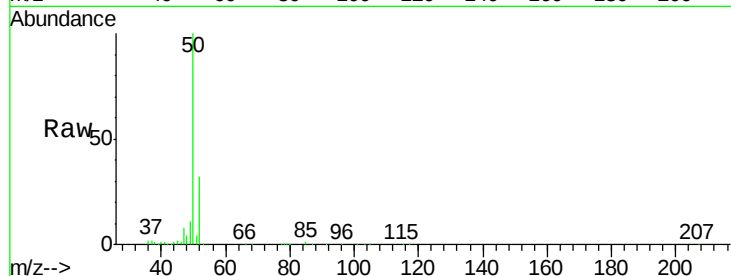
VSTDIC075

Tgt Ion: 50 Resp: 145149

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 64.516 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003683.D

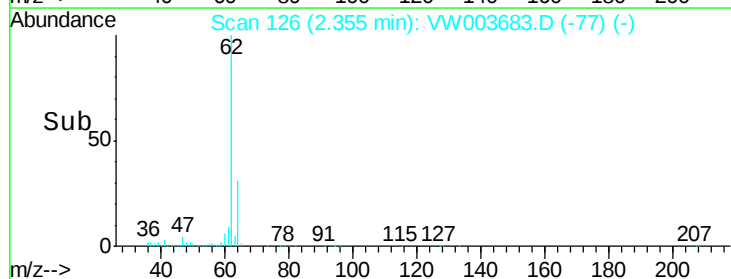
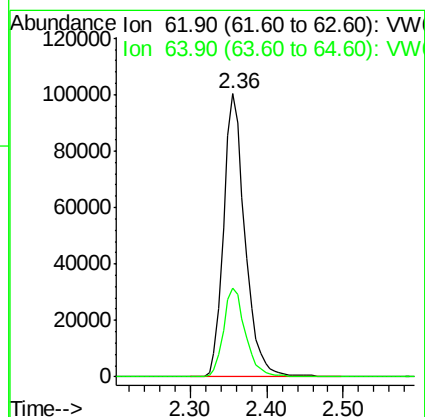
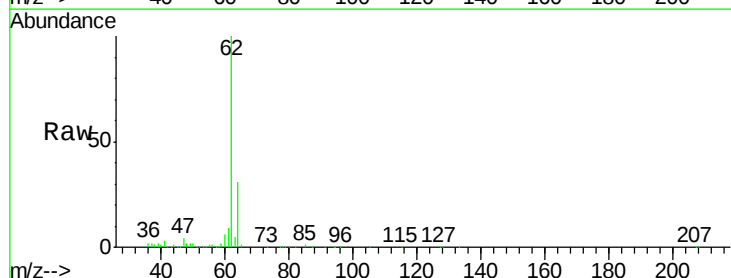
Acq: 02 Jul 2018 18:16

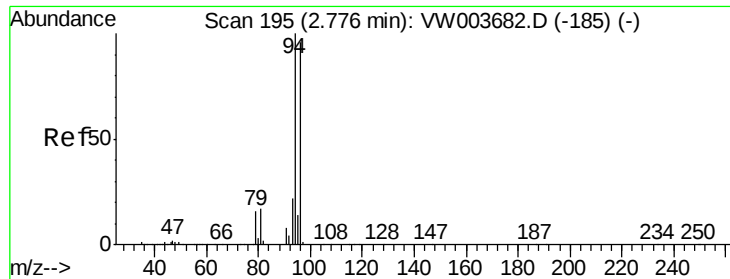
Tgt Ion: 62 Resp: 194490

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 63.932 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

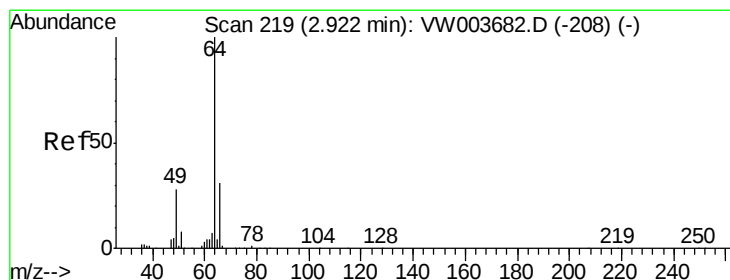
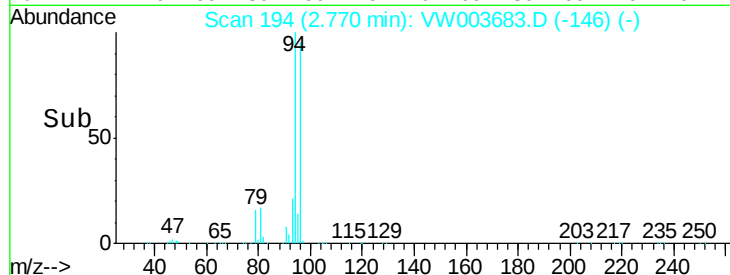
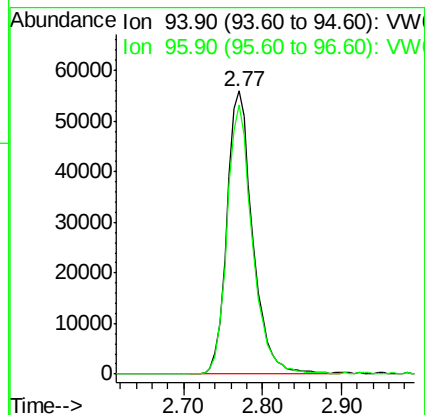
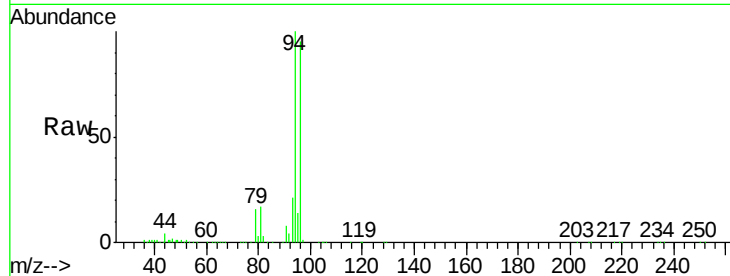
VSTDIC075

Tgt Ion: 94 Resp: 127283

Ion Ratio Lower Upper

94 100

96 94.9 76.6 115.0



#6

Chloroethane

Concen: 54.886 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003683.D

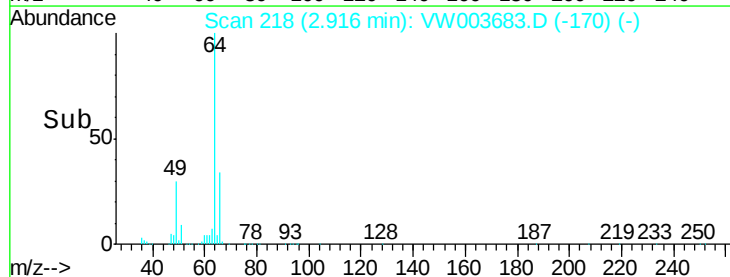
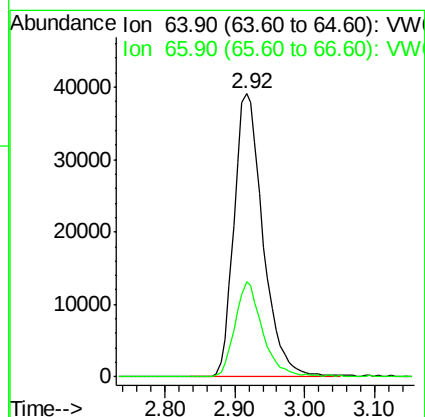
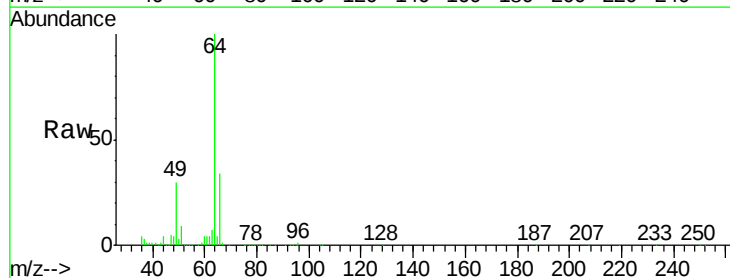
Acq: 02 Jul 2018 18:16

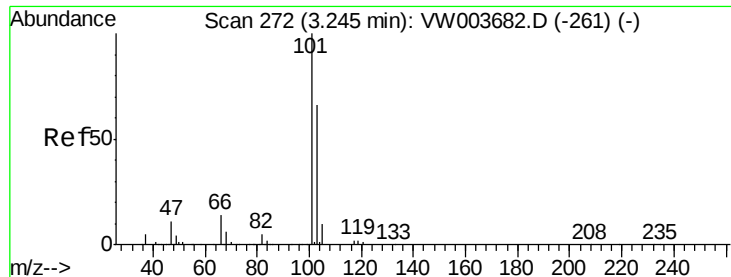
Tgt Ion: 64 Resp: 112545

Ion Ratio Lower Upper

64 100

66 33.6 25.0 37.6



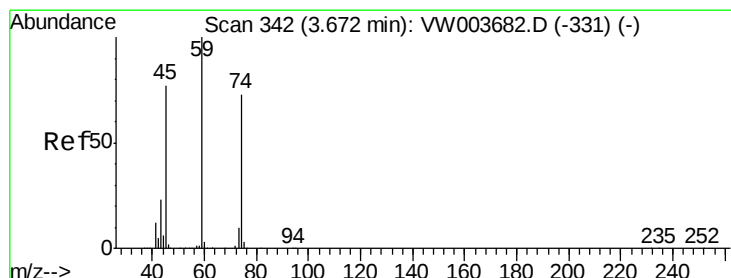
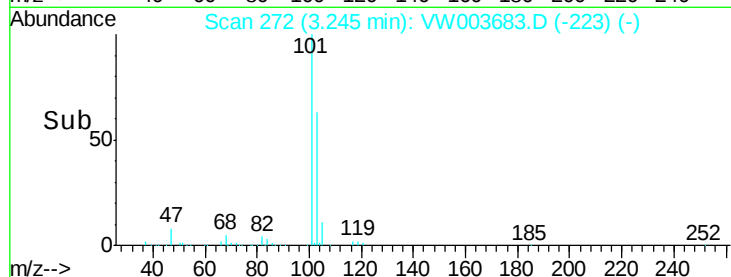
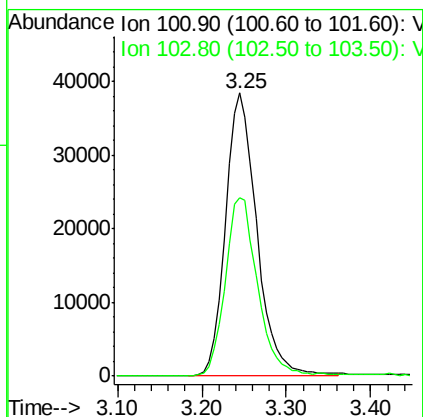
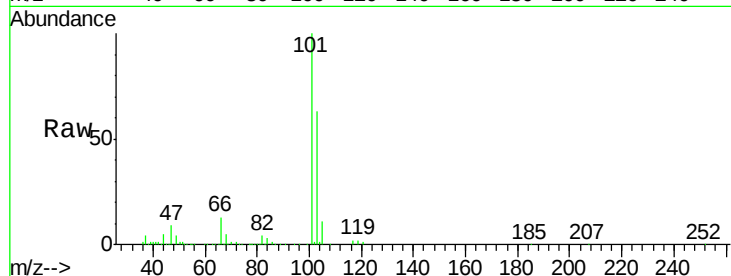


#7

Trichlorofluoromethane
 Concen: 55.650 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Instrument :
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 ClientSampleId :
 VSTDIC075

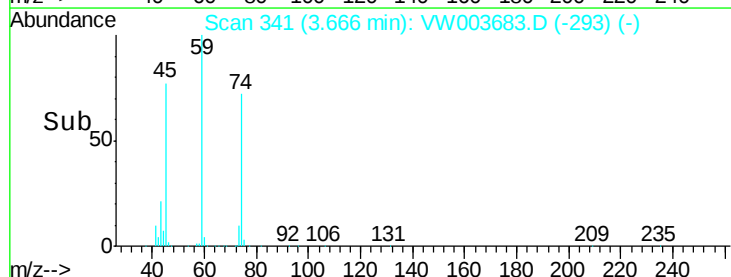
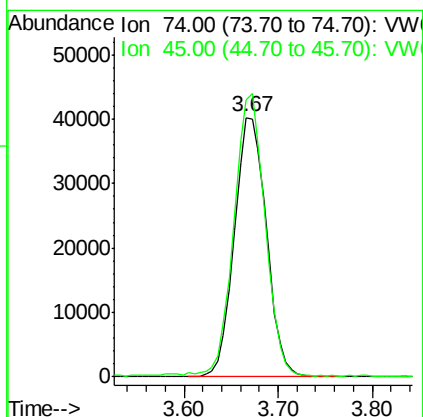
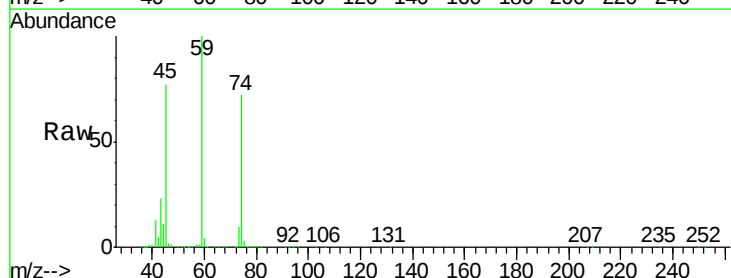
Tgt Ion: 101 Resp: 97727
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.9 79.3

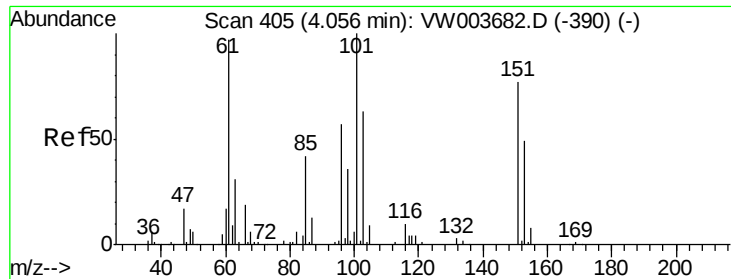


#8

Diethyl Ether
 Concen: 71.674 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 74 Resp: 95706
 Ion Ratio Lower Upper
 74 100
 45 105.2 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 67.047 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

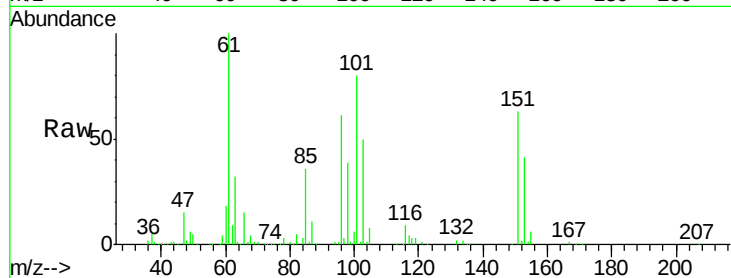
Tgt Ion:101 Resp: 168555

Ion Ratio Lower Upper

101 100

85 44.9 36.6 55.0

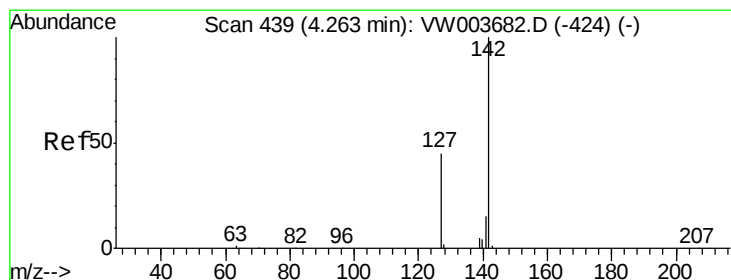
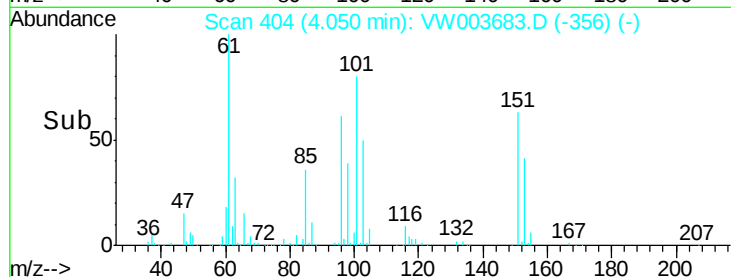
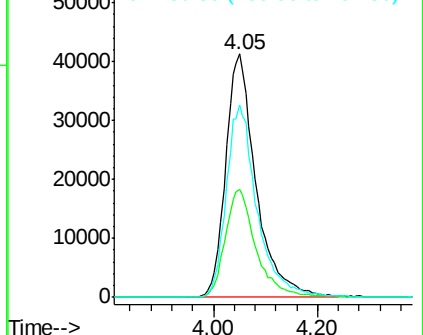
151 80.2 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 67.838 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

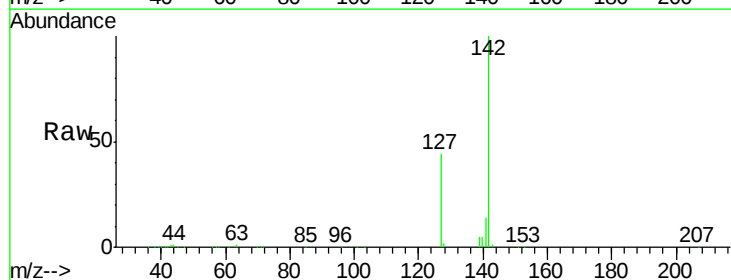
Tgt Ion:142 Resp: 257295

Ion Ratio Lower Upper

142 100

127 44.4 36.0 54.0

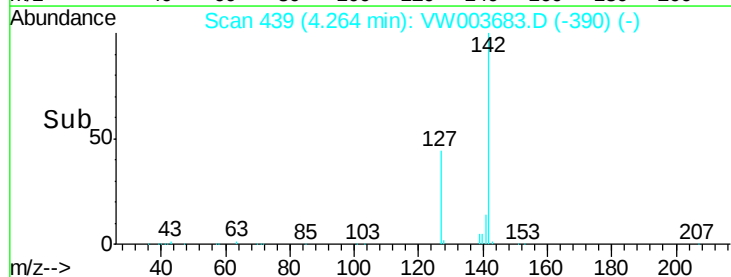
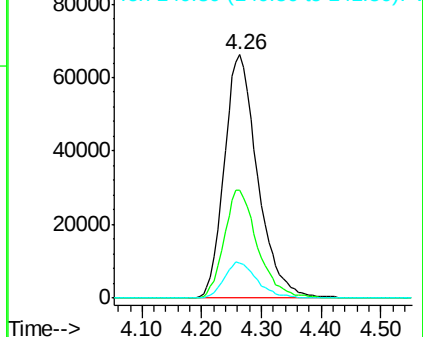
141 14.6 11.9 17.9

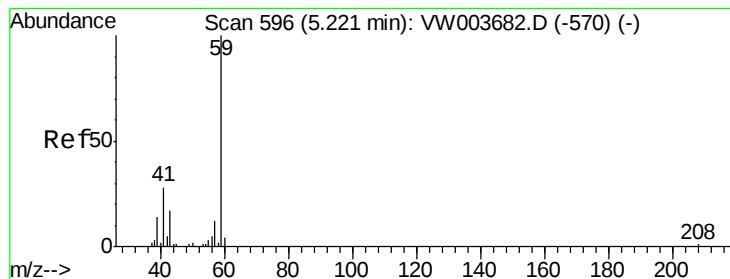


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



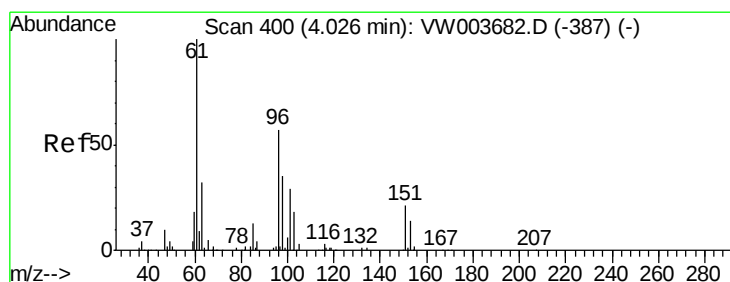
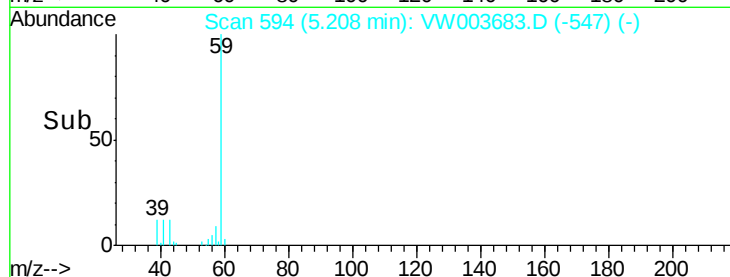
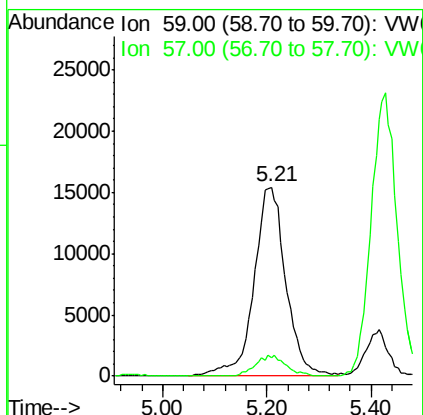
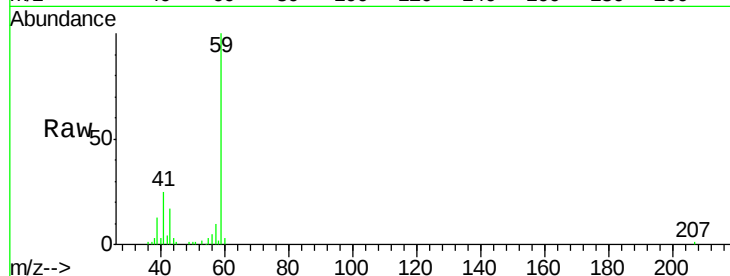


#11

Tert butyl alcohol
 Concen: 405.335 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

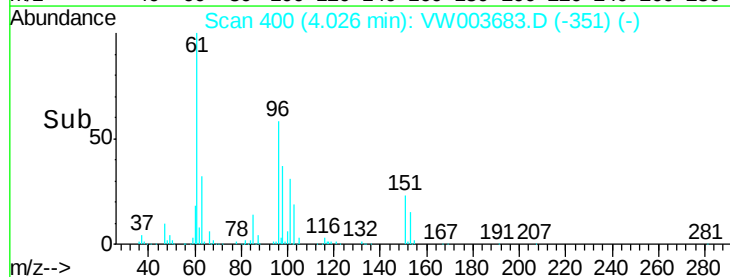
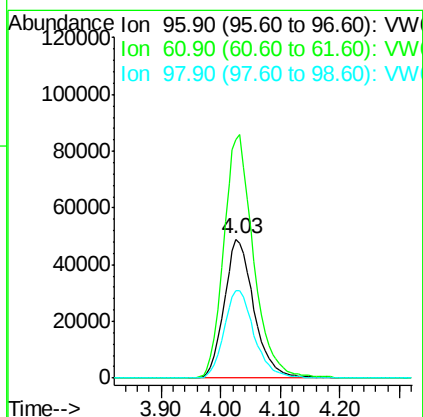
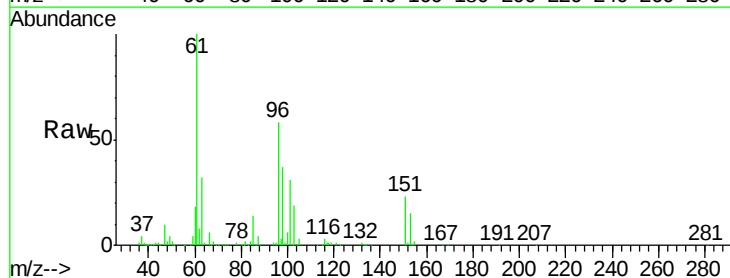
Tgt Ion: 59 Resp: 65112
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.0 13.4

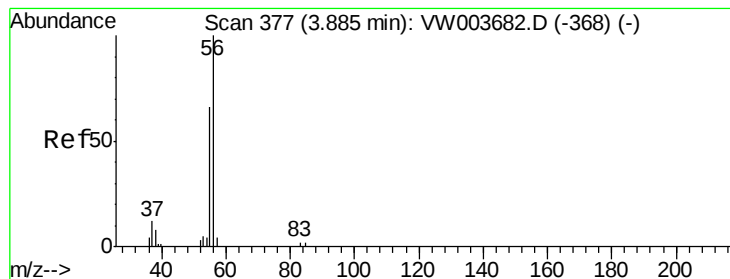


#12

1,1-Dichloroethene
 Concen: 68.796 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 96 Resp: 170189
 Ion Ratio Lower Upper
 96 100
 61 171.8 140.6 211.0
 98 63.4 49.4 74.0





#13

Acrolein

Concen: 97.370 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

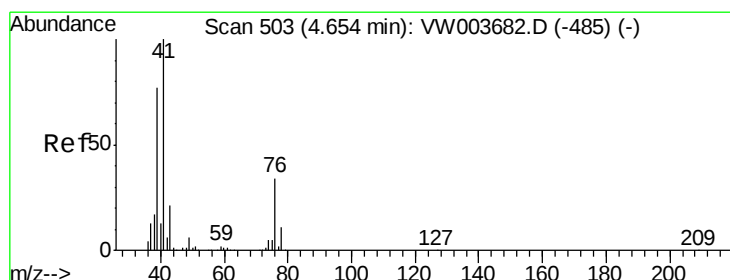
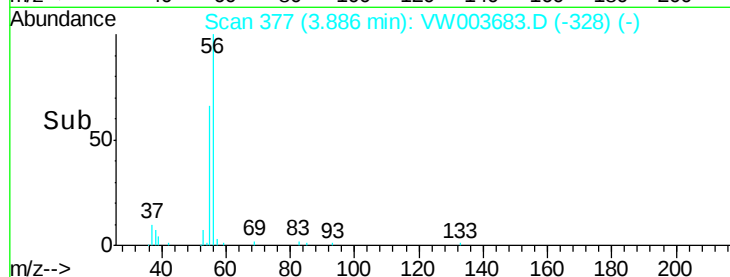
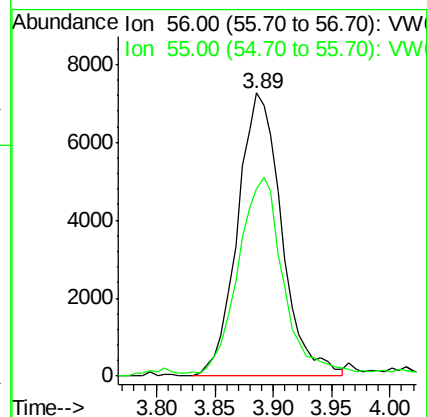
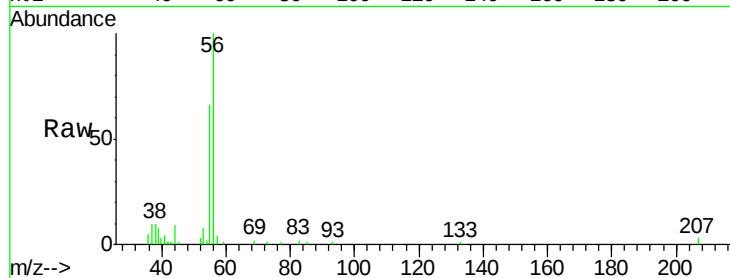
VSTDIC075

Tgt Ion: 56 Resp: 19171

Ion Ratio Lower Upper

56 100

55 70.4 54.7 82.1



#14

Allyl chloride

Concen: 70.053 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

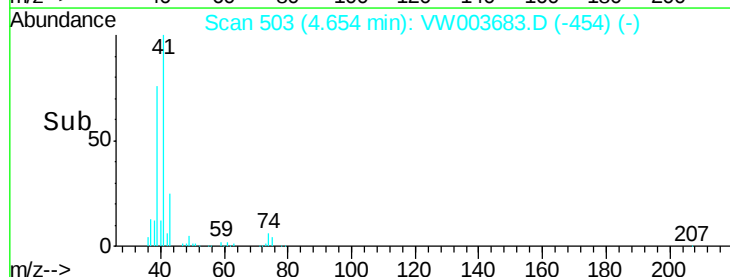
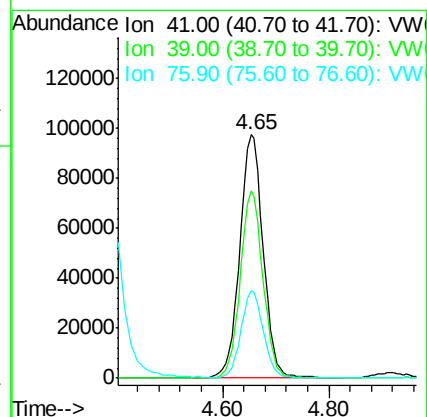
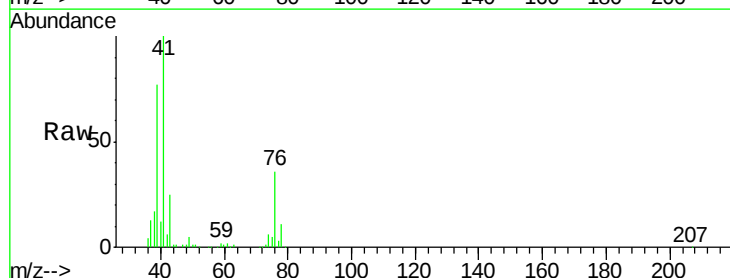
Tgt Ion: 41 Resp: 298467

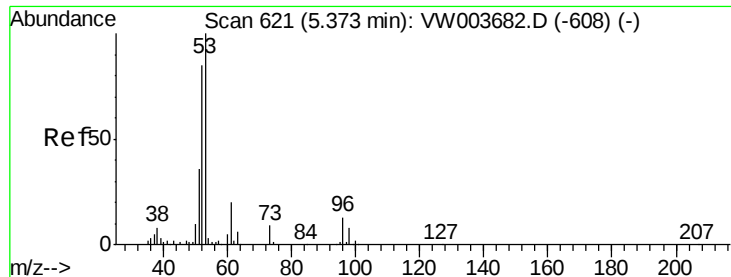
Ion Ratio Lower Upper

41 100

39 74.3 60.1 90.1

76 33.9 27.2 40.8





#15

Acrylonitrile

Concen: 401.100 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

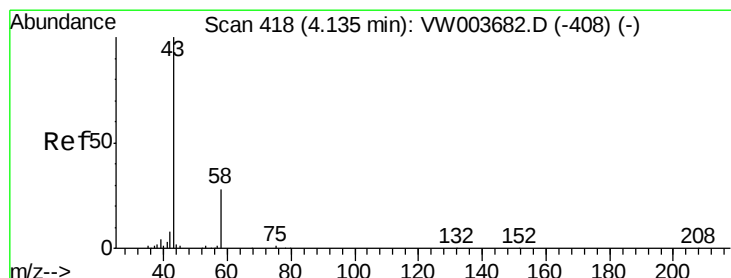
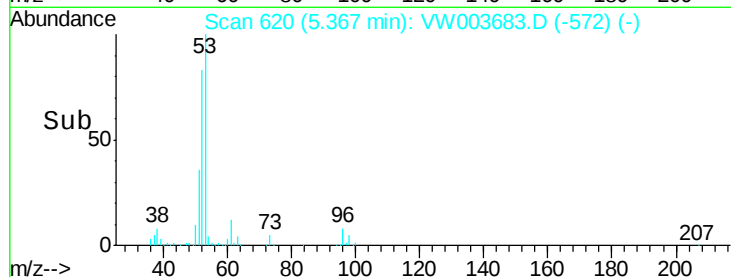
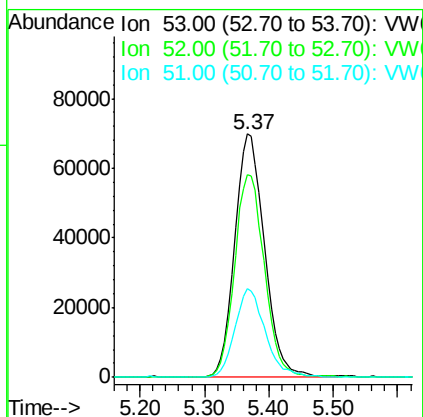
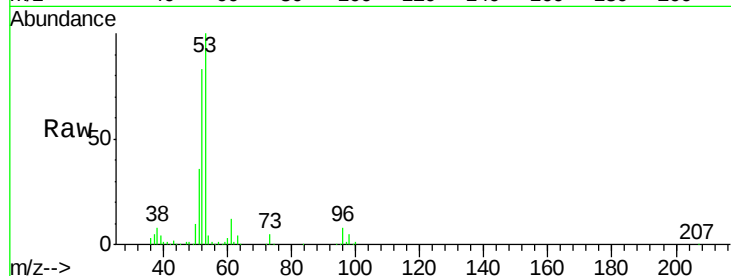
Tgt Ion: 53 Resp: 224440

Ion Ratio Lower Upper

53 100

52 83.3 66.8 100.2

51 37.5 30.2 45.4



#16

Acetone

Concen: 372.868 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003683.D

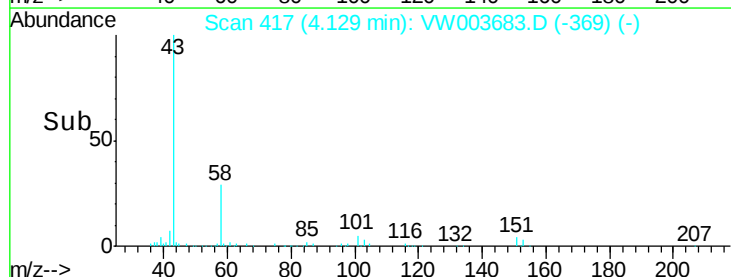
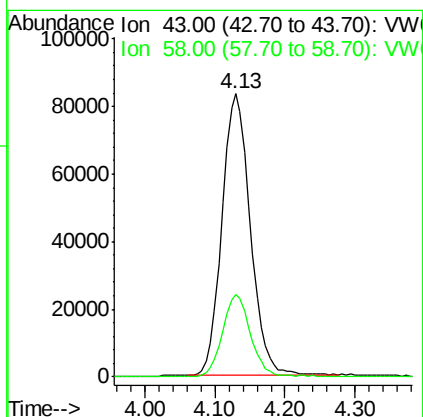
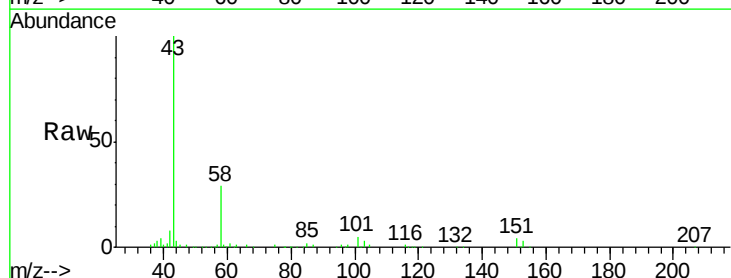
Acq: 02 Jul 2018 18:16

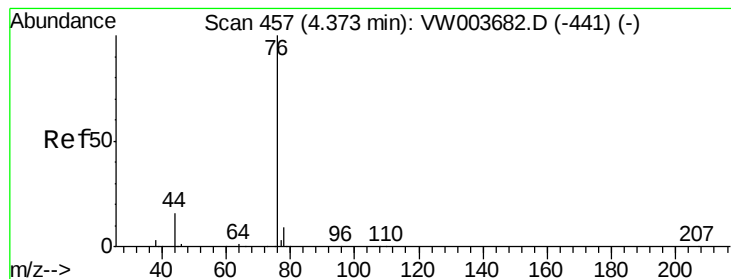
Tgt Ion: 43 Resp: 234698

Ion Ratio Lower Upper

43 100

58 29.1 22.7 34.1





#17

Carbon Disulfide

Concen: 72.880 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

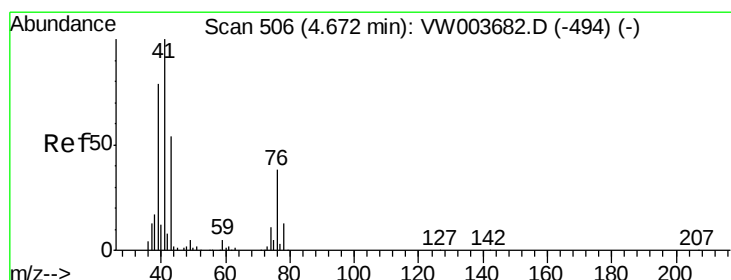
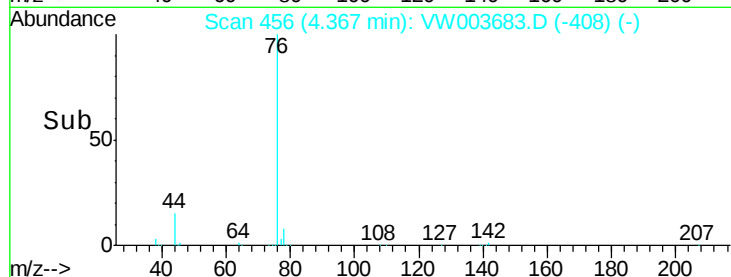
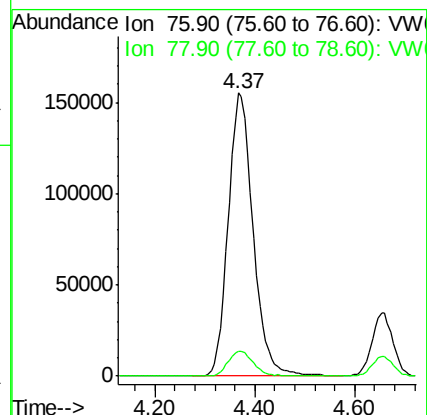
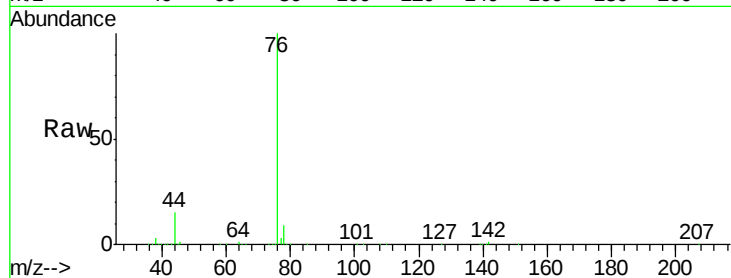
VSTDIC075

Tgt Ion: 76 Resp: 539336

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 70.658 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003683.D

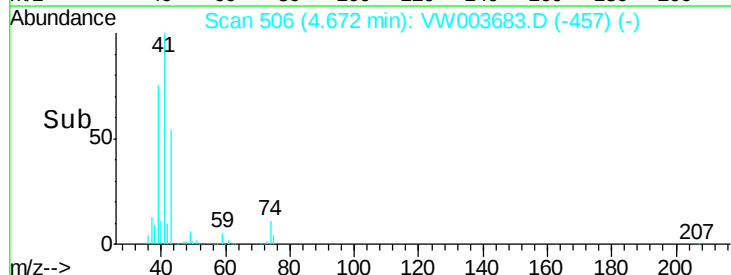
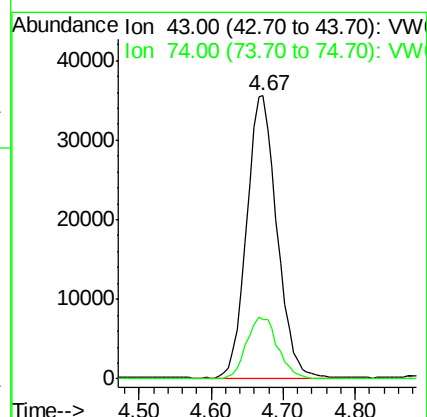
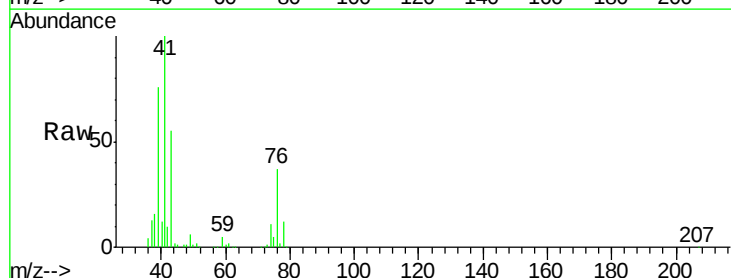
Acq: 02 Jul 2018 18:16

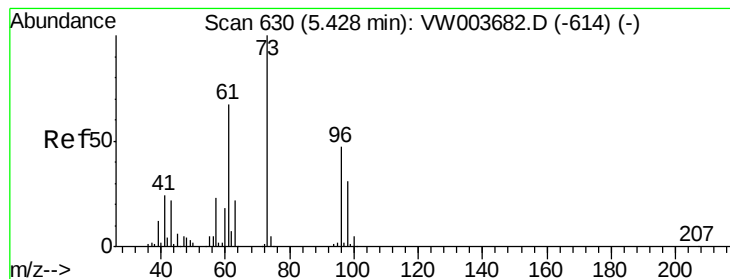
Tgt Ion: 43 Resp: 103392

Ion Ratio Lower Upper

43 100

74 22.6 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 74.641 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

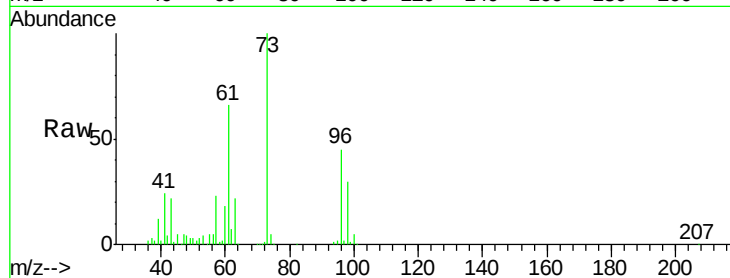
VSTDIC075

Tgt Ion: 73 Resp: 346238

Ion Ratio Lower Upper

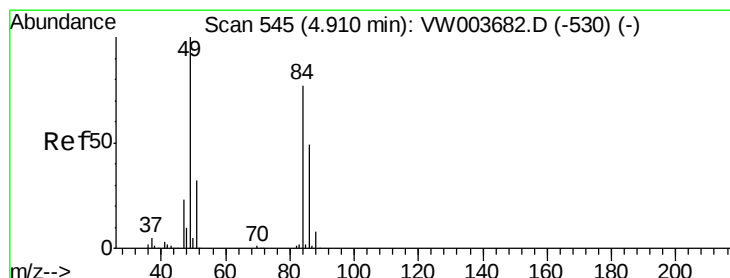
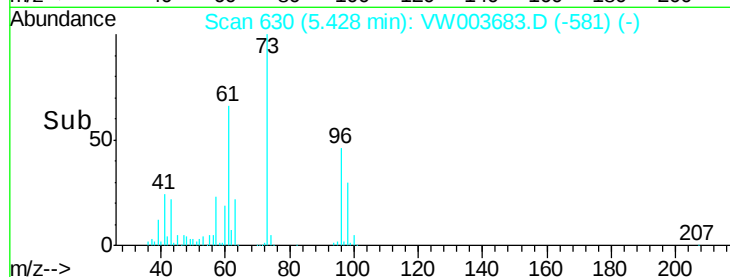
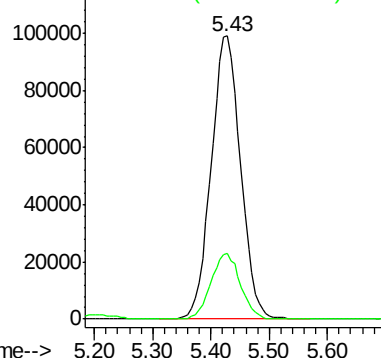
73 100

57 23.3 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 61.511 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Tgt Ion: 84 Resp: 188101

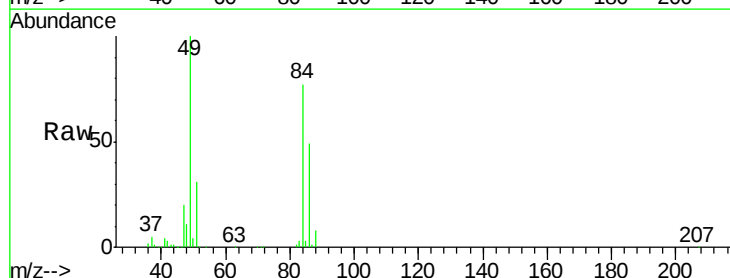
Ion Ratio Lower Upper

84 100

49 129.3 104.6 156.8

51 40.1 33.2 49.8

86 63.6 51.7 77.5

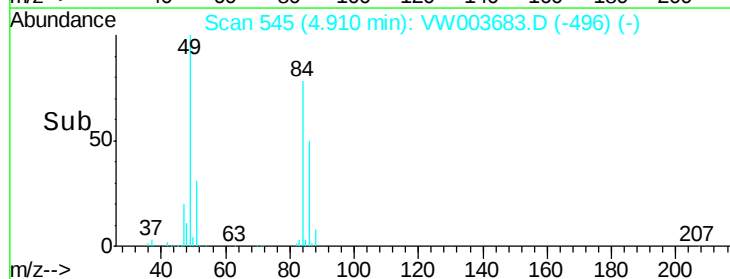
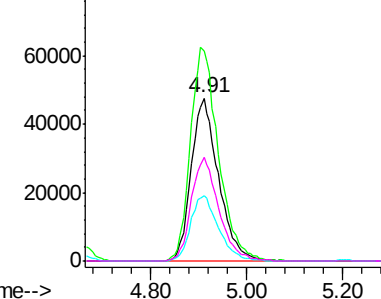


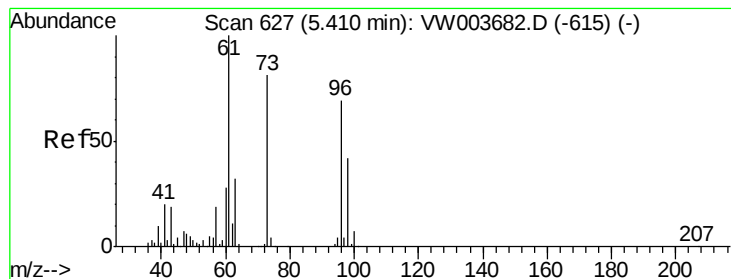
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 72.722 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

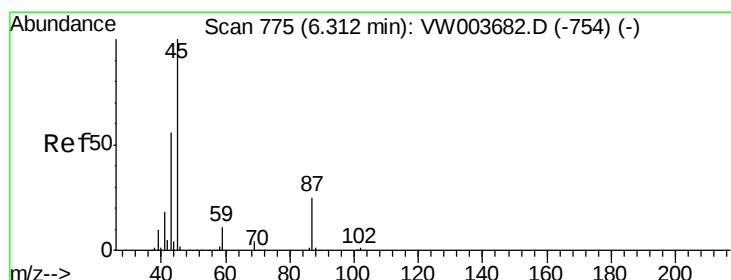
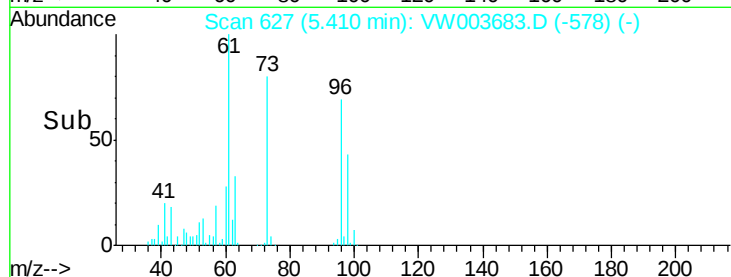
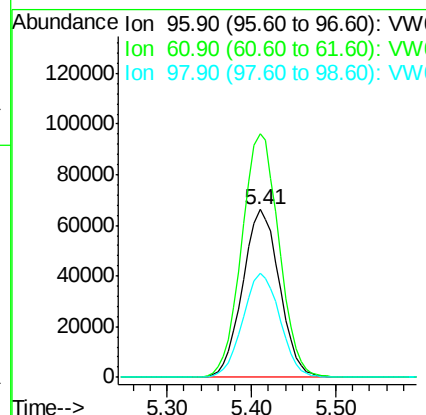
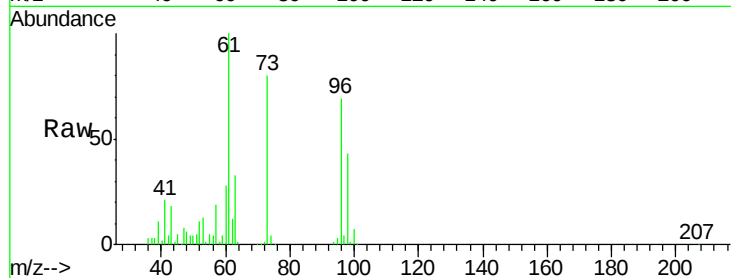
Tgt Ion: 96 Resp: 196347

Ion Ratio Lower Upper

96 100

61 145.2 116.8 175.2

98 62.1 49.6 74.4



#22

Diisopropyl ether

Concen: 73.559 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Tgt Ion: 45 Resp: 632919

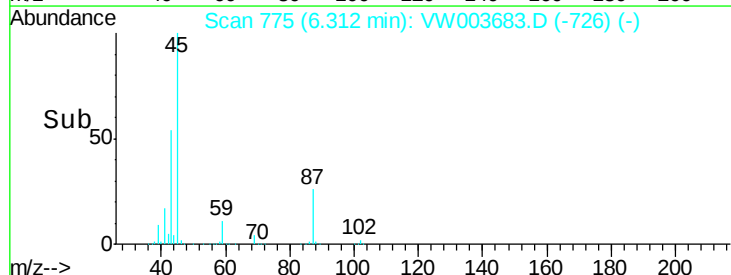
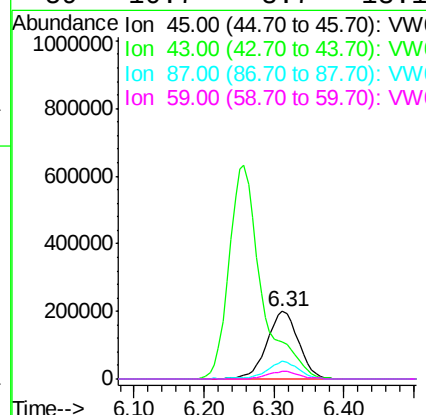
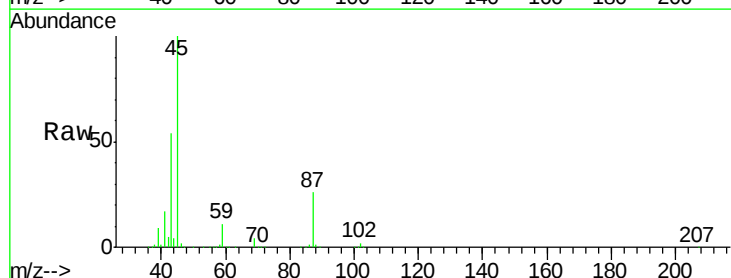
Ion Ratio Lower Upper

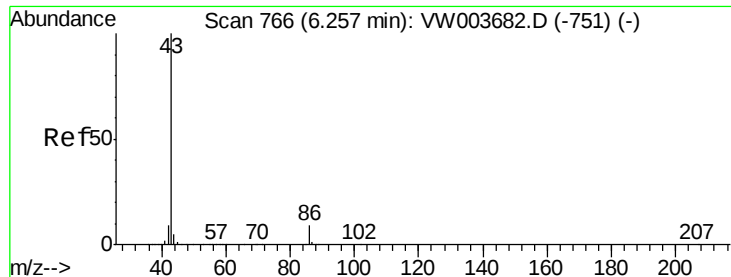
45 100

43 54.2 44.5 66.7

87 25.6 20.2 30.4

59 10.7 8.7 13.1





#23

Vinyl Acetate

Concen: 405.536 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

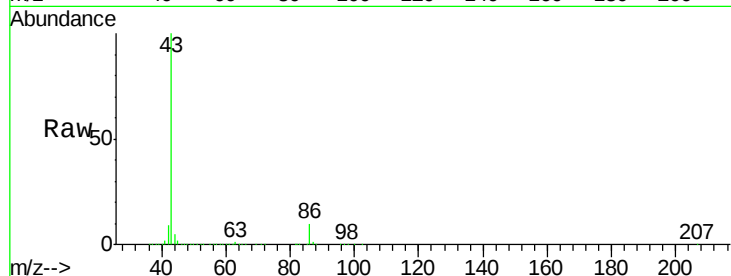
VSTDIC075

Tgt Ion: 43 Resp: 2039177

Ion Ratio Lower Upper

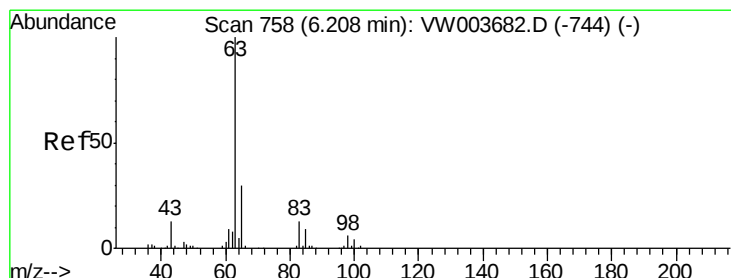
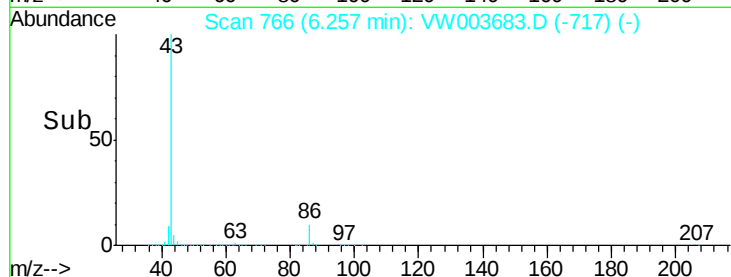
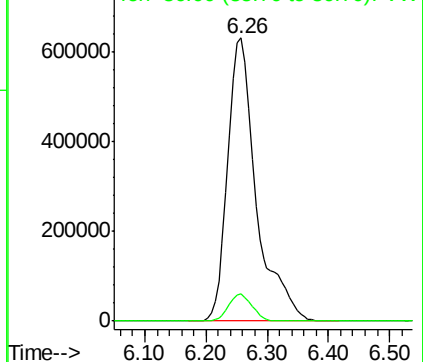
43 100

86 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 71.201 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

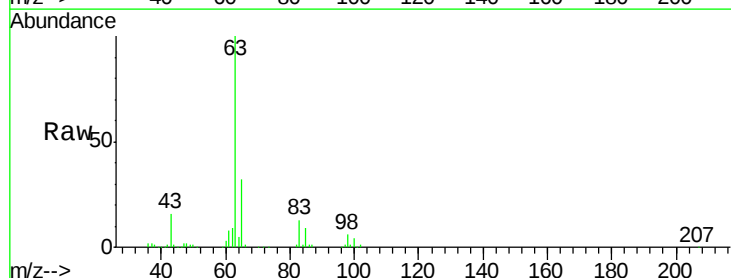
Tgt Ion: 63 Resp: 363647

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.6

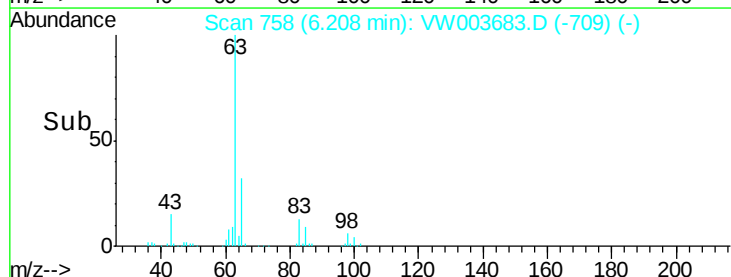
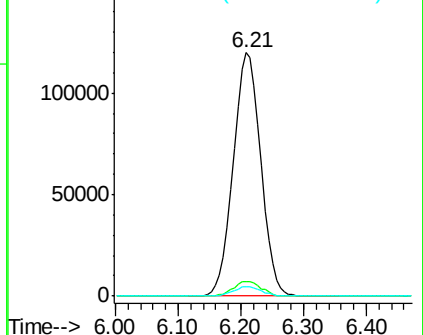
100 4.0 1.9 5.7

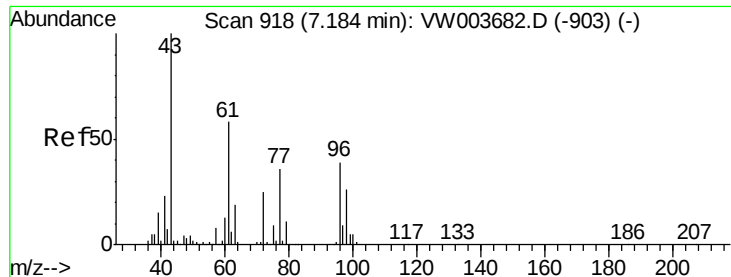


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 416.493 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

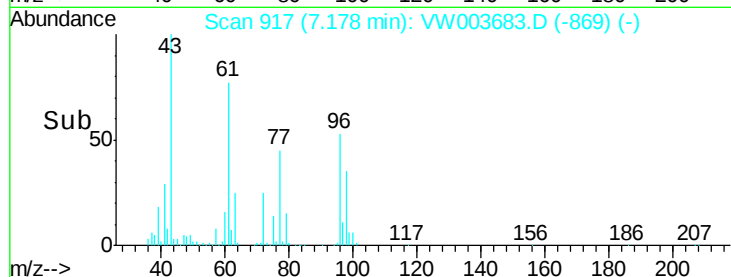
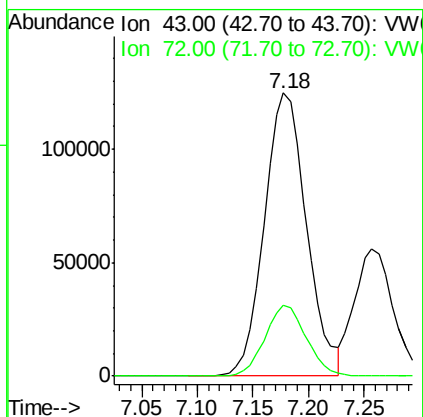
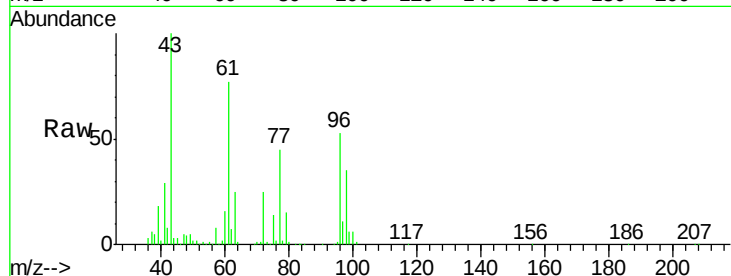
VSTDIC075

Tgt Ion: 43 Resp: 328616

Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.4



#26

2,2-Dichloropropane

Concen: 62.192 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003683.D

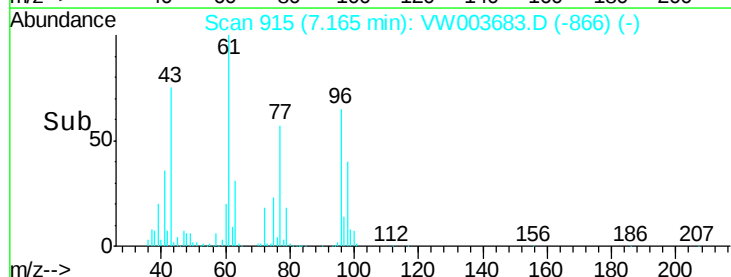
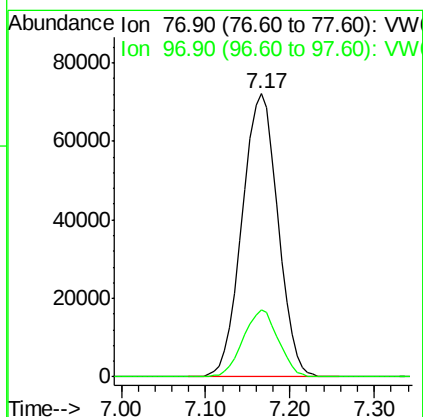
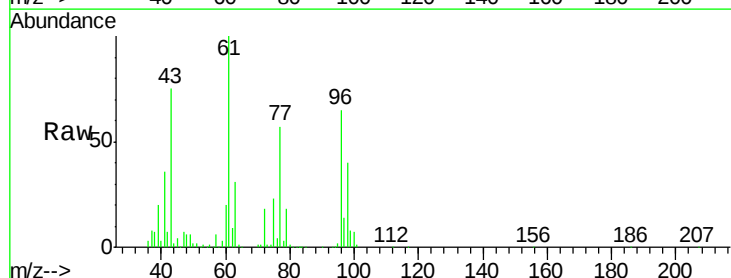
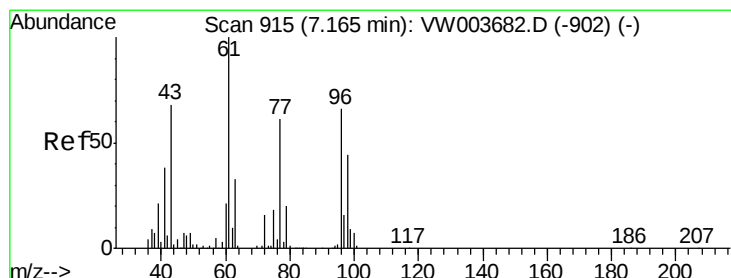
Acq: 02 Jul 2018 18:16

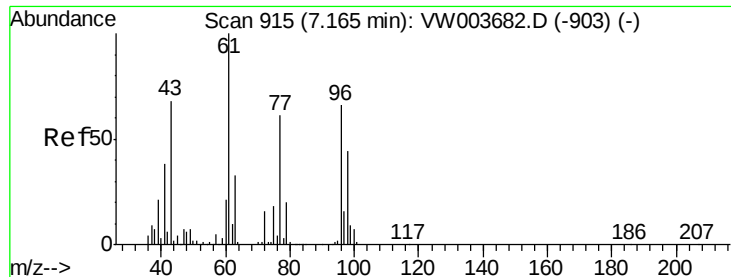
Tgt Ion: 77 Resp: 208155

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1



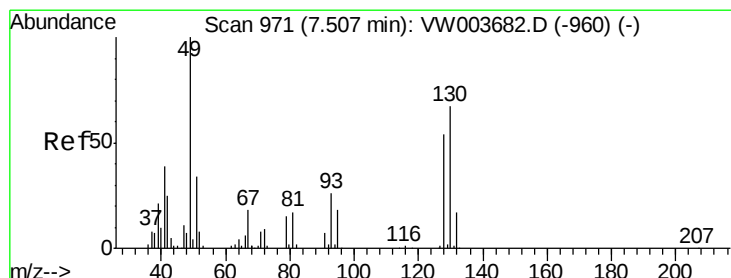
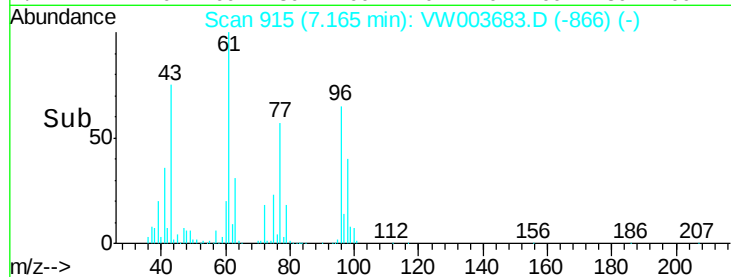
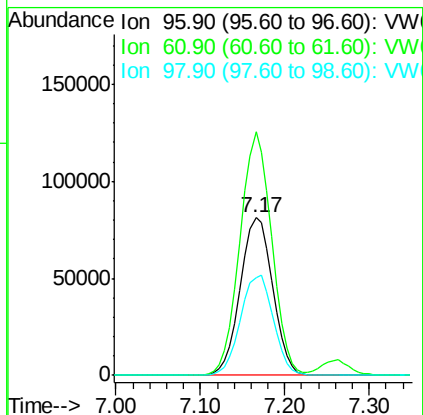
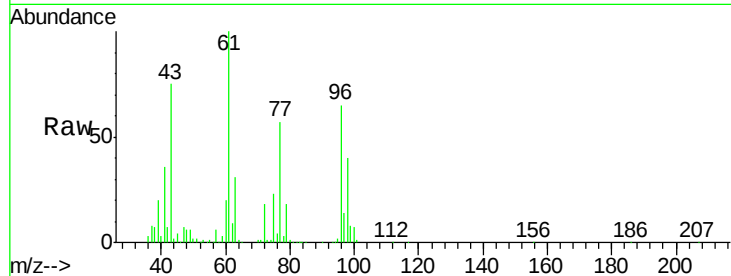


#27

cis-1,2-Dichloroethene
Concen: 72.172 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

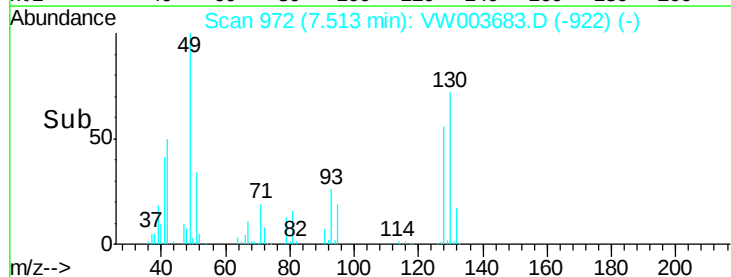
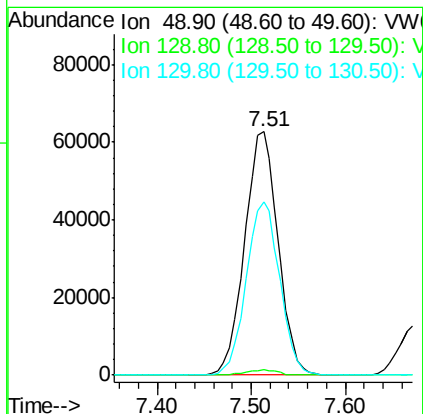
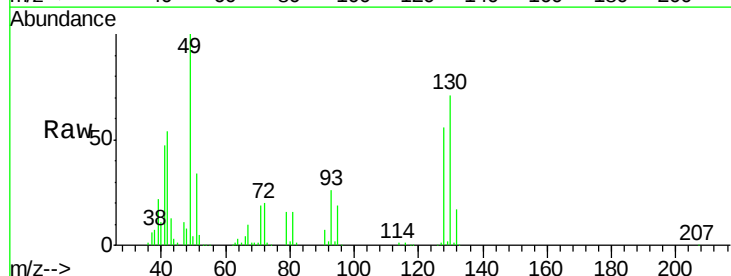
Tgt Ion: 96 Resp: 212044
Ion Ratio Lower Upper
96 100
61 150.4 0.0 305.0
98 64.1 0.0 129.6

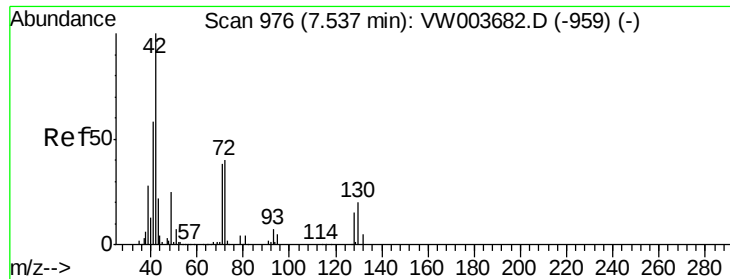


#28

Bromochloromethane
Concen: 73.753 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion: 49 Resp: 156378
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.0
130 71.2 57.0 85.6

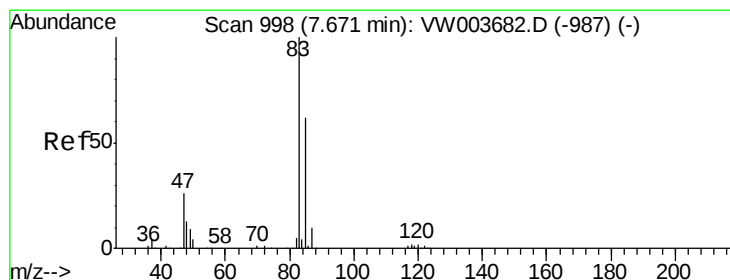
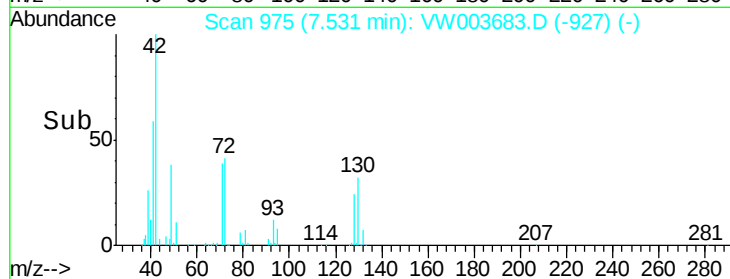
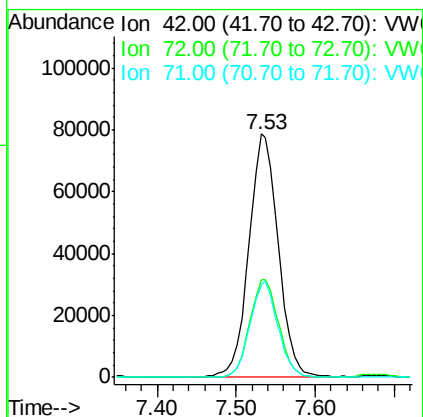
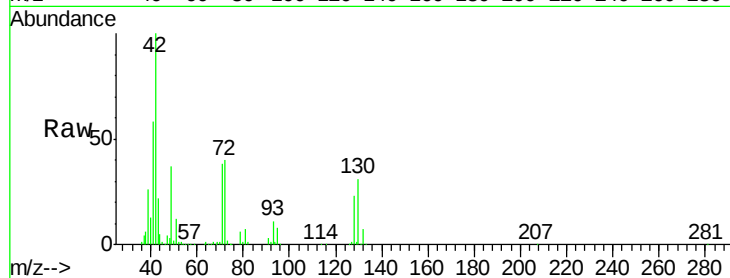




#29
Tetrahydrofuran
Concen: 418.587 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

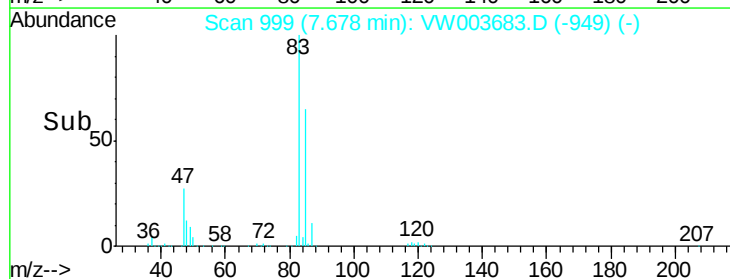
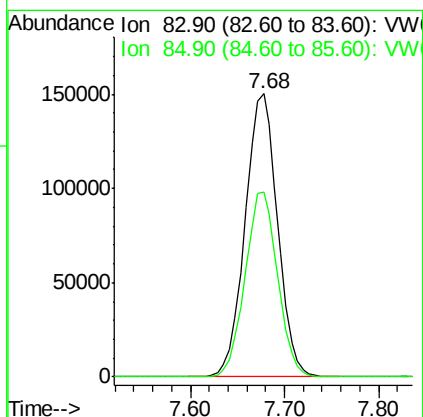
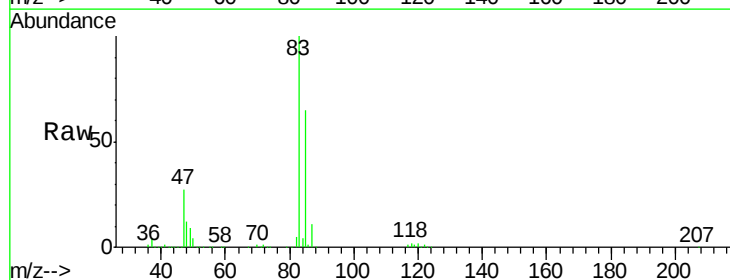
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

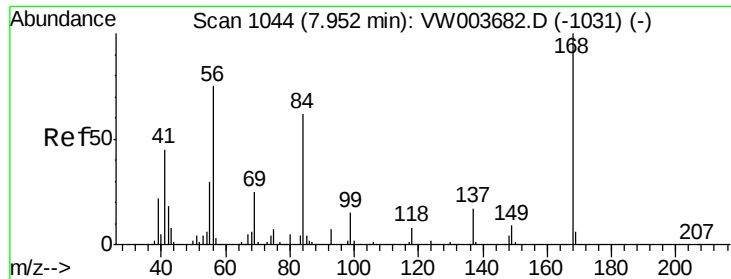
Tgt Ion: 42 Resp: 202606
Ion Ratio Lower Upper
42 100
72 39.8 32.0 48.0
71 37.6 30.2 45.2



#30
Chloroform
Concen: 70.085 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion: 83 Resp: 363279
Ion Ratio Lower Upper
83 100
85 65.5 49.7 74.5

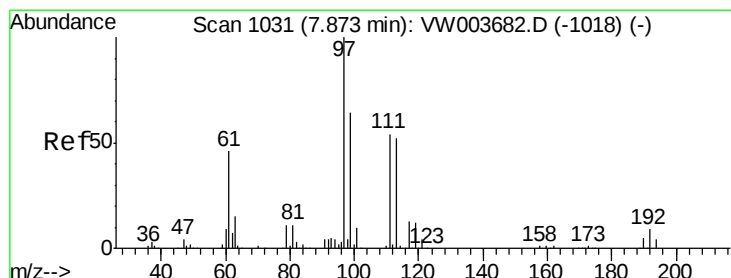
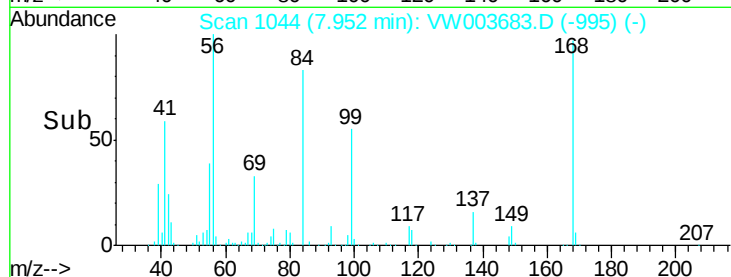
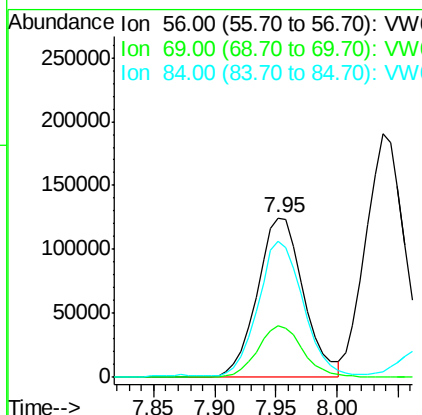
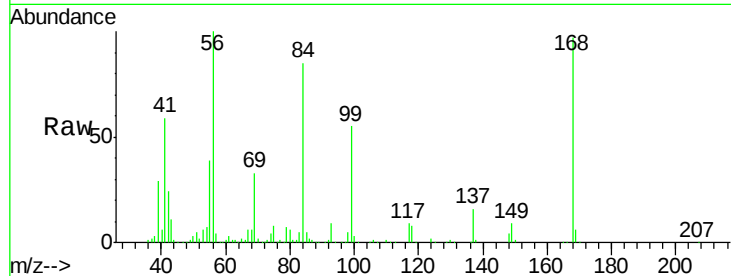




#31
Cyclohexane
Concen: 68.629 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

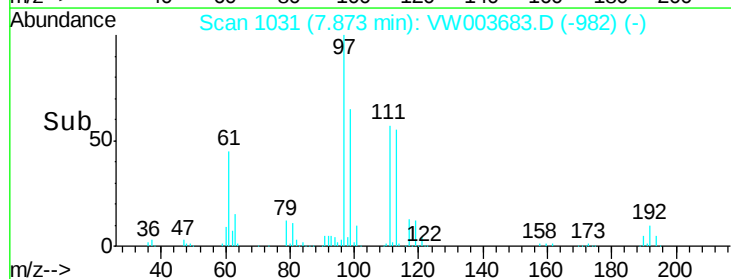
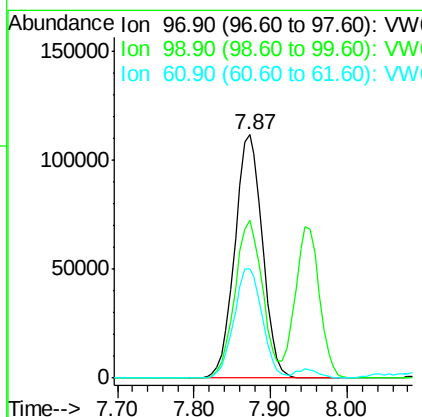
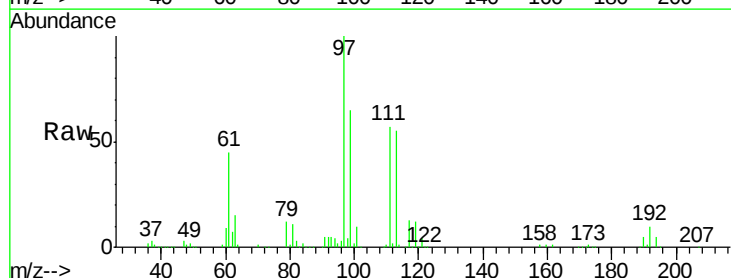
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

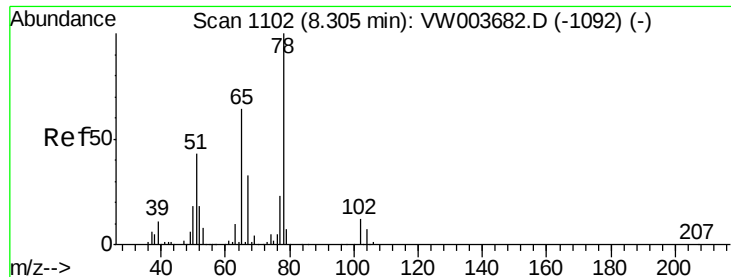
Tgt Ion: 56 Resp: 328507
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.4
84 83.6 65.4 98.0



#32
1,1,1-Trichloroethane
Concen: 65.885 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion: 97 Resp: 279481
Ion Ratio Lower Upper
97 100
99 65.4 50.6 76.0
61 46.1 37.2 55.8

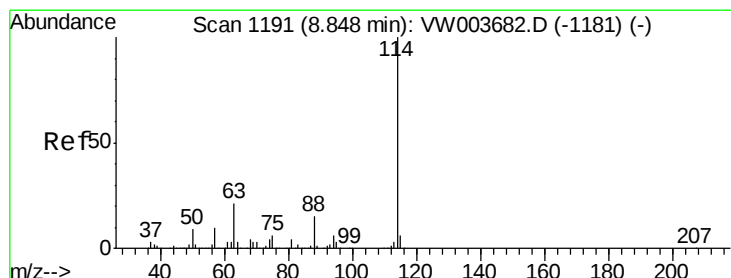
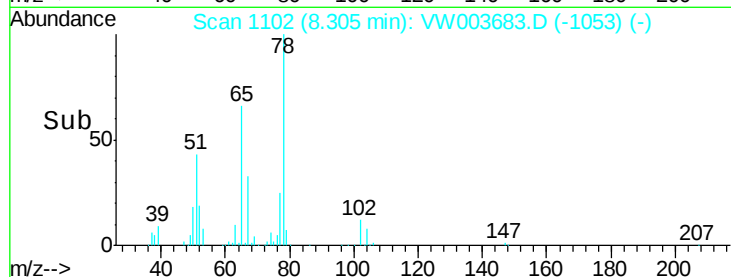
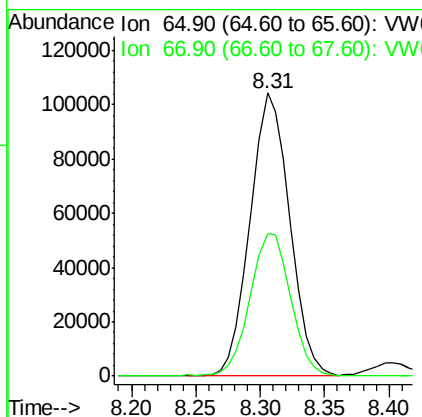
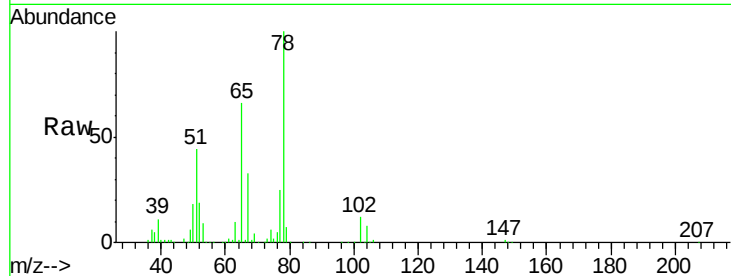




#33
 1,2-Dichloroethane-d4
 Concen: 75.111 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

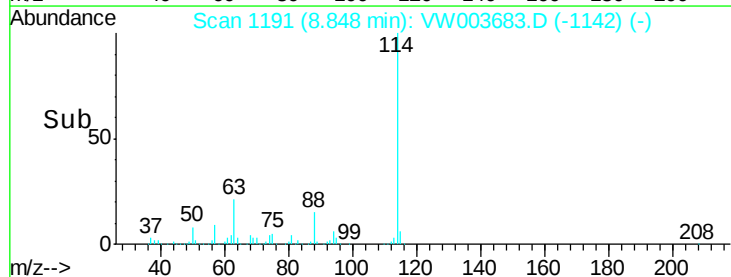
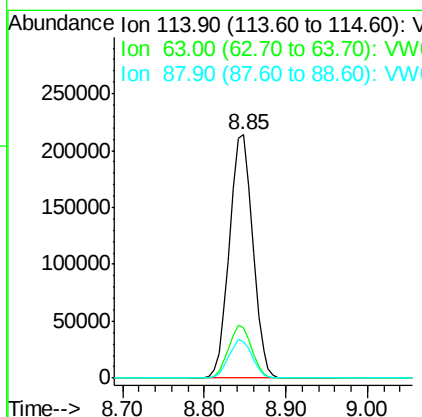
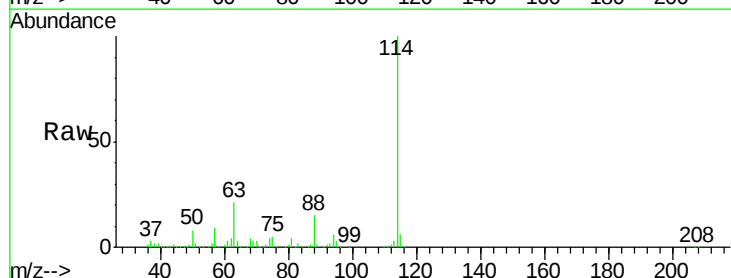
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

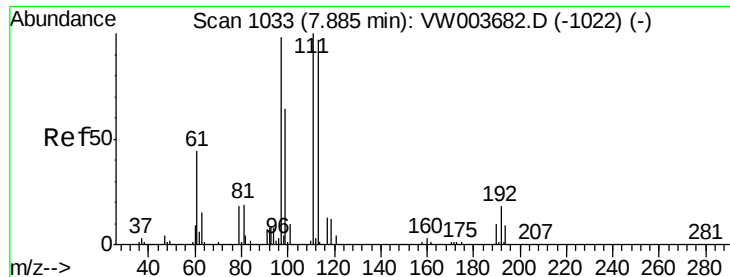
Tgt Ion: 65 Resp: 222155
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 114 Resp: 420889
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 73.064 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

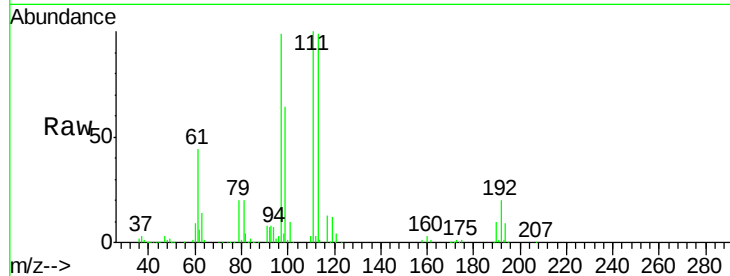
Tgt Ion: 113 Resp: 194161

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

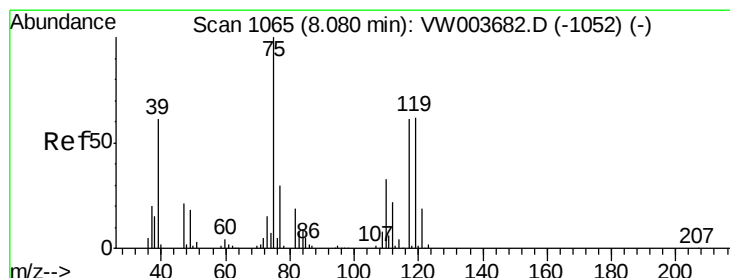
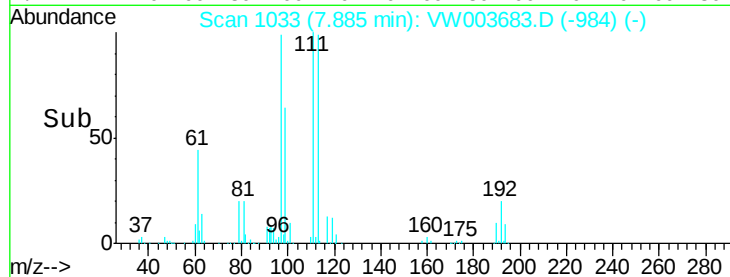
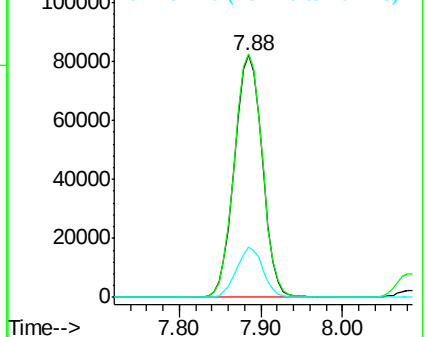
192 19.5 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 70.550 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

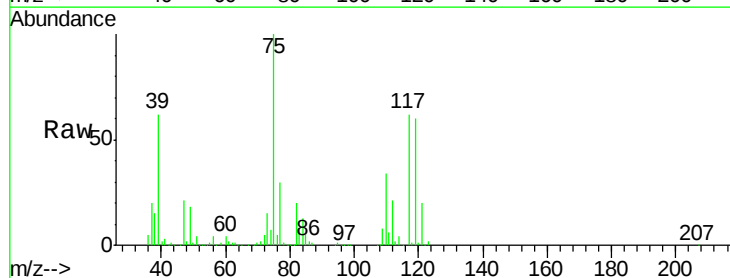
Tgt Ion: 75 Resp: 292110

Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.6

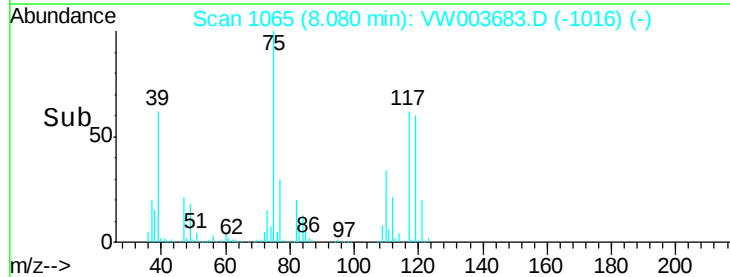
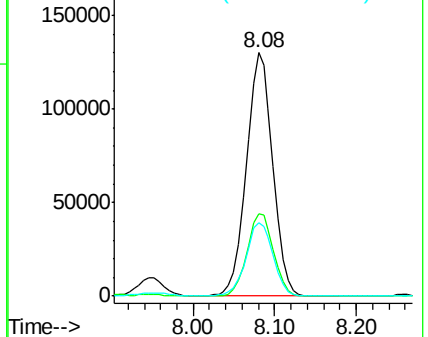
77 31.1 24.9 37.3

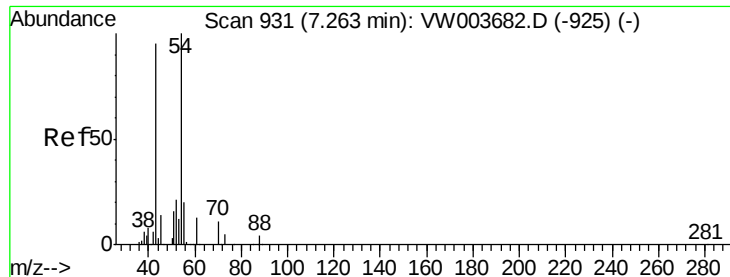


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

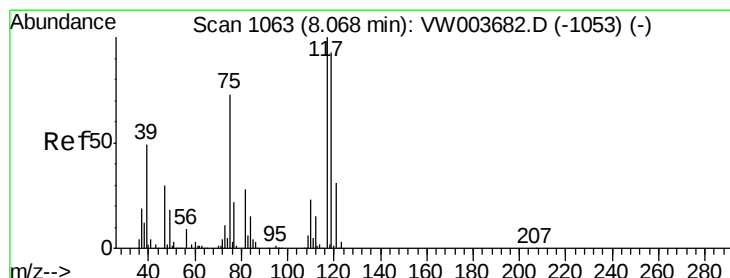
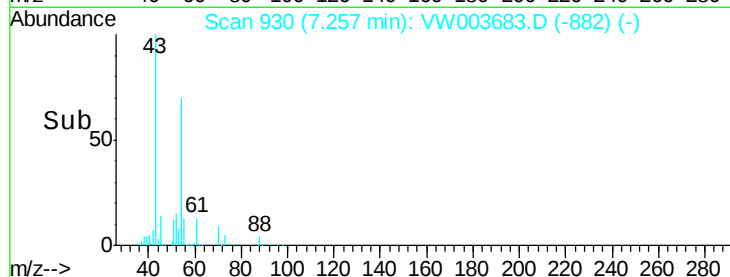
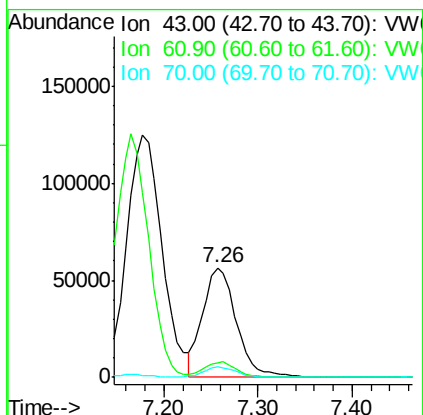
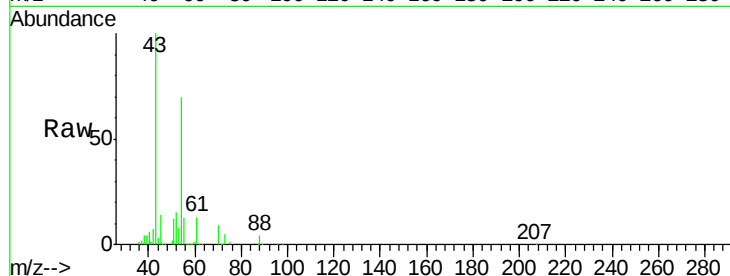




#37
Ethyl Acetate
Concen: 79.081 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

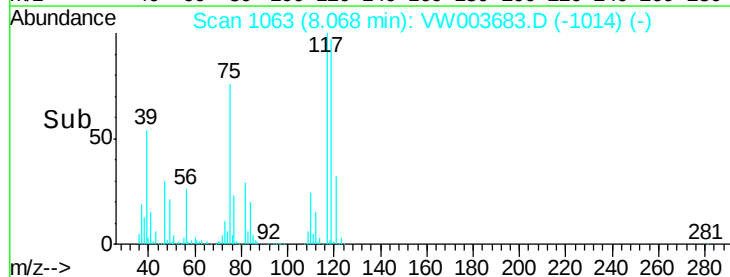
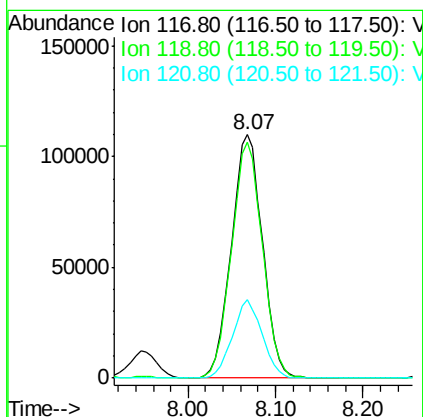
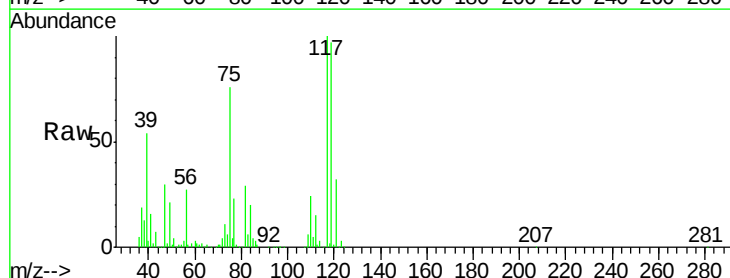
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

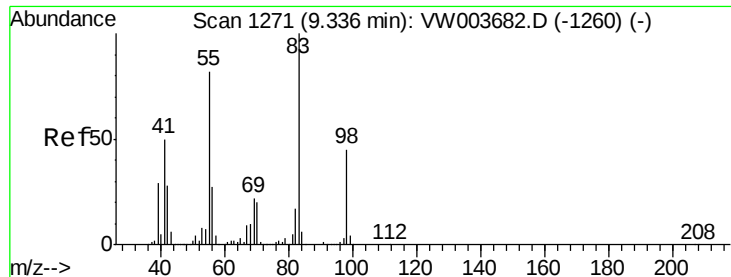
Tgt Ion: 43 Resp: 138810
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 67.395 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion: 117 Resp: 271406
Ion Ratio Lower Upper
117 100
119 96.9 74.1 111.1
121 32.3 25.0 37.4

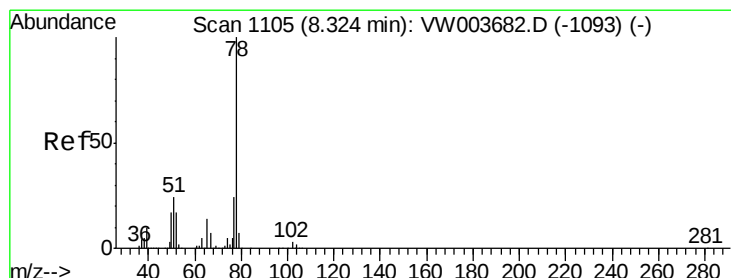
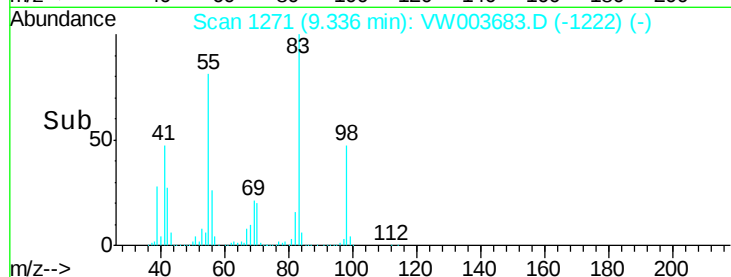
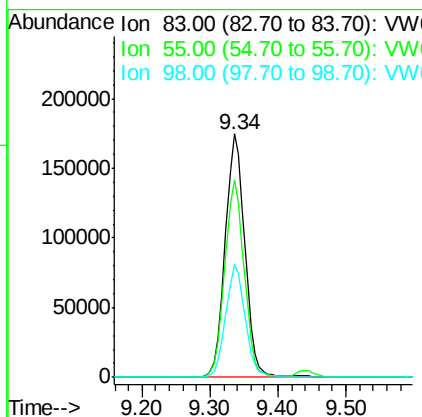
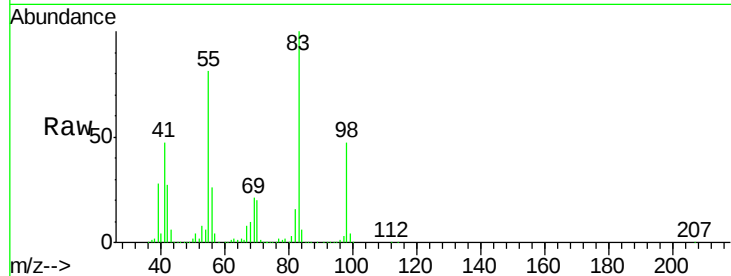




#39
Methylcyclohexane
Concen: 73.344 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

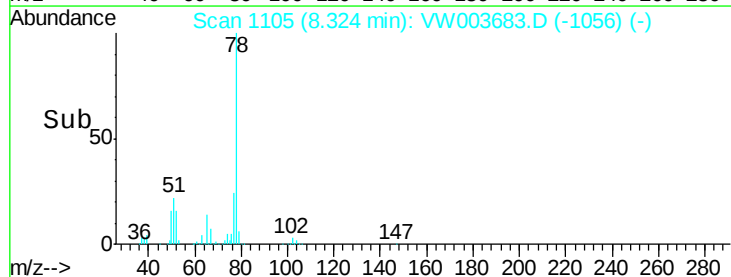
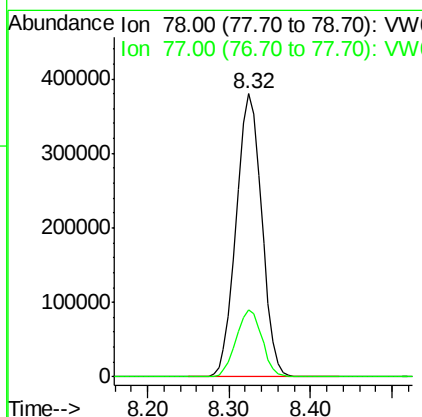
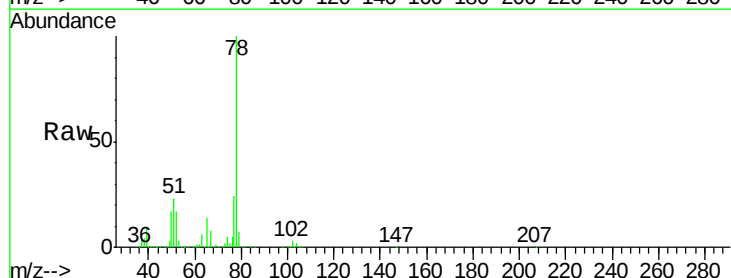
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

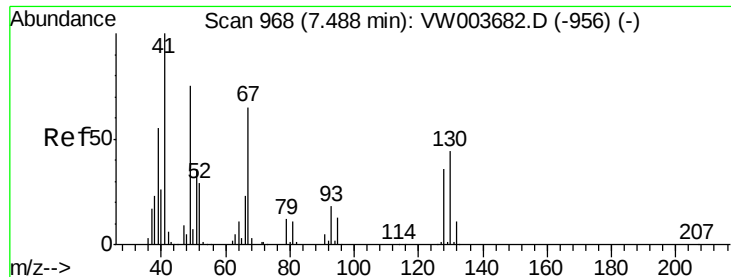
Tgt Ion: 83 Resp: 352412
Ion Ratio Lower Upper
83 100
55 81.0 65.3 97.9
98 46.6 36.3 54.5



#40
Benzene
Concen: 71.917 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion: 78 Resp: 821116
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41

Methacrylonitrile

Concen: 79.178 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 41 Resp: 84192

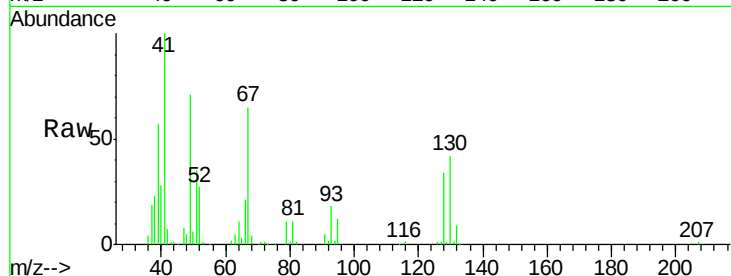
Ion Ratio Lower Upper

41 100

39 61.6 47.8 71.8

67 65.3 53.9 80.9

52 28.9 25.0 37.6

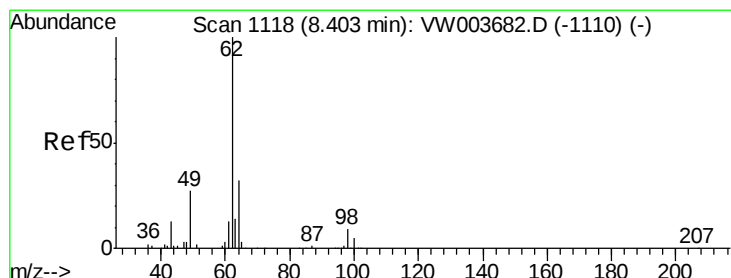
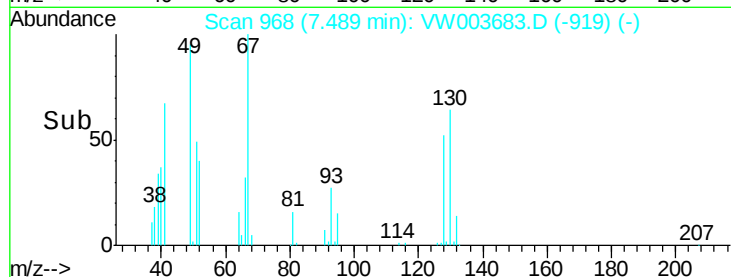
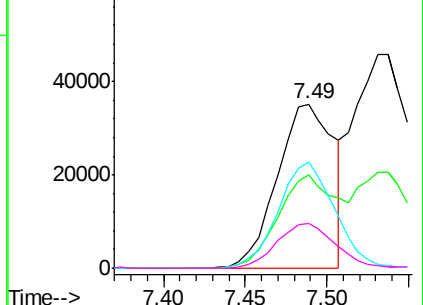


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 70.985 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003683.D

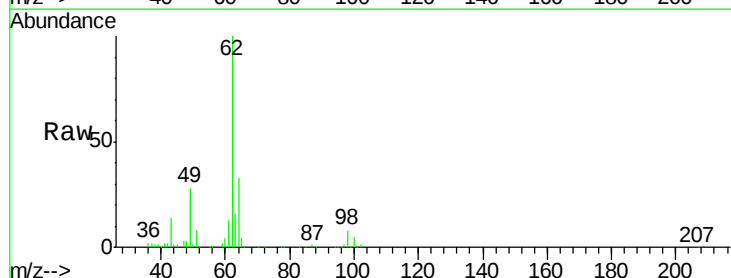
Acq: 02 Jul 2018 18:16

Tgt Ion: 62 Resp: 253624

Ion Ratio Lower Upper

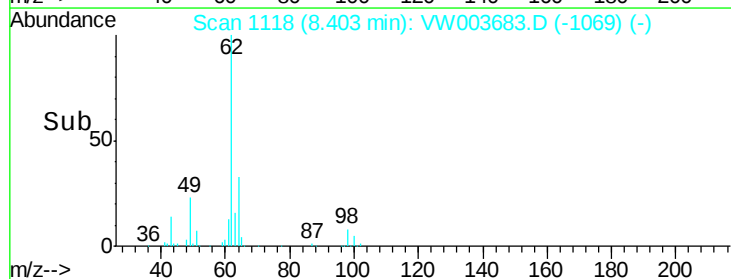
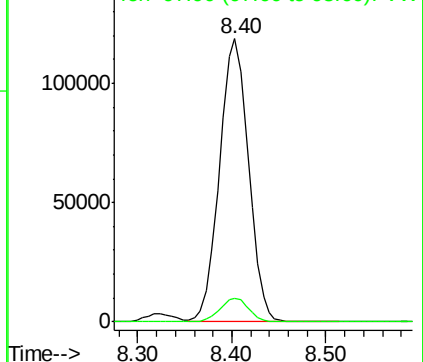
62 100

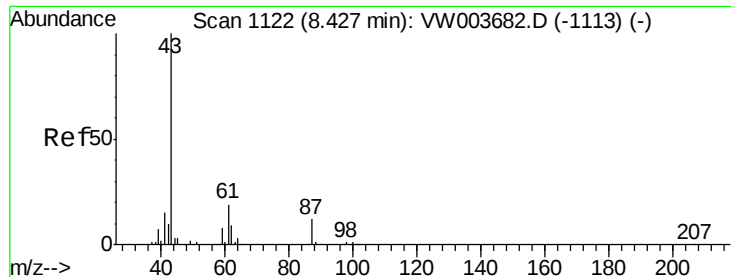
98 8.4 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

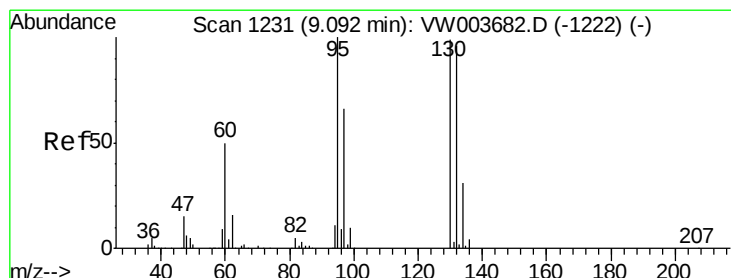
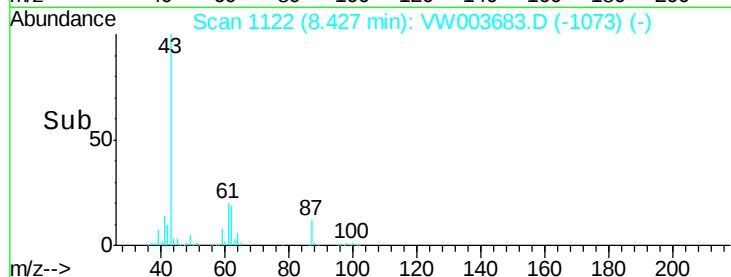
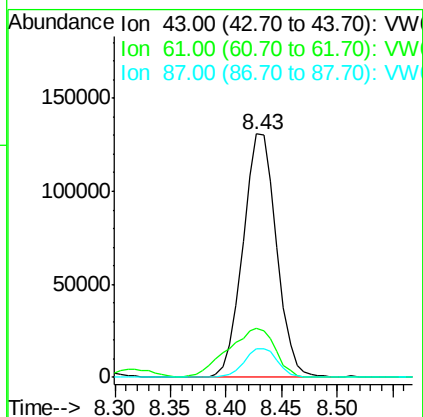
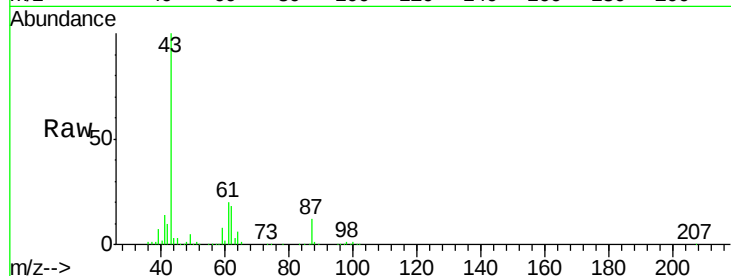




#43
Isopropyl Acetate
Concen: 79.314 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

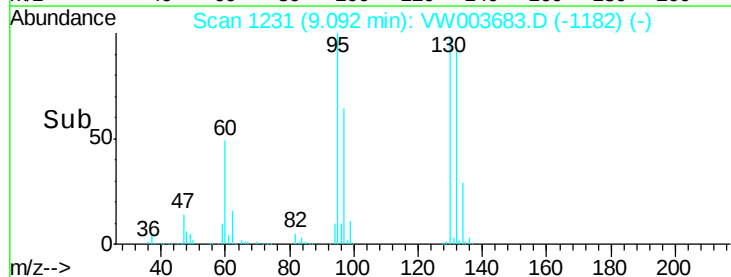
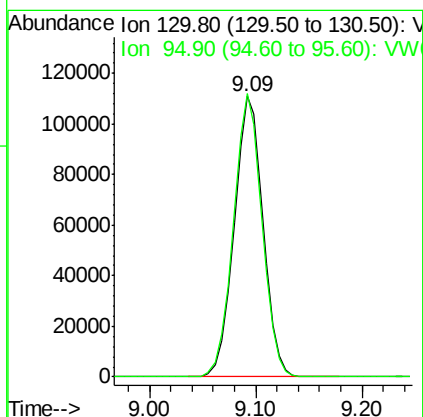
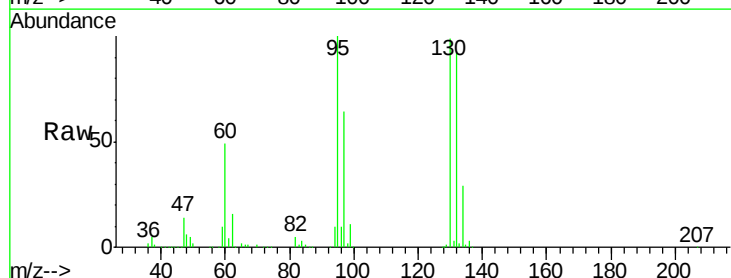
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

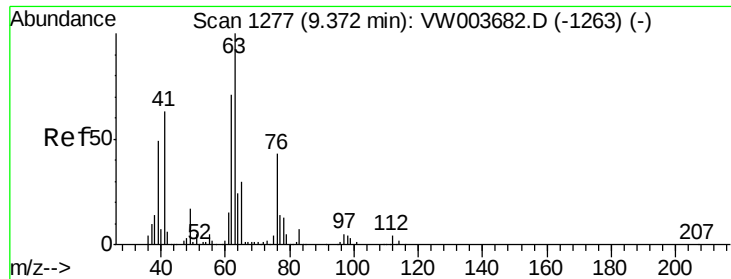
Tgt Ion: 43 Resp: 273374
Ion Ratio Lower Upper
43 100
61 28.6 23.0 34.6
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 69.996 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion: 130 Resp: 209926
Ion Ratio Lower Upper
130 100
95 100.9 0.0 202.6

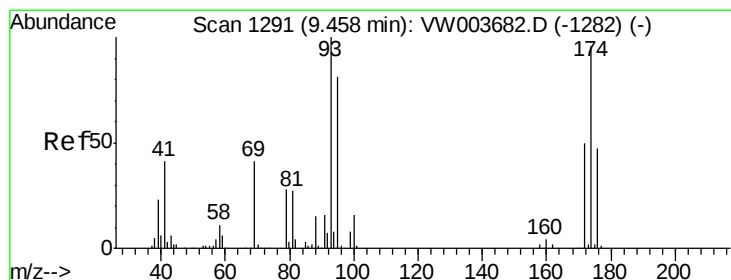
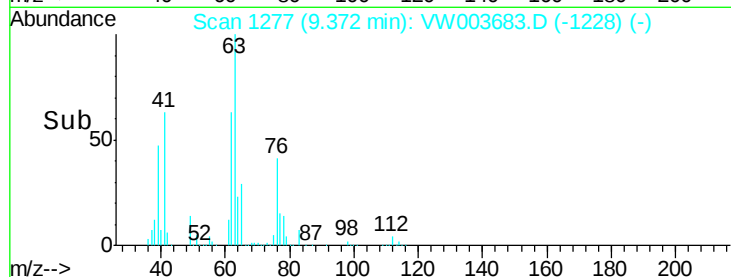
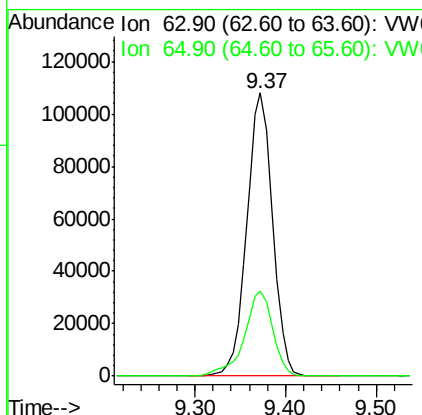
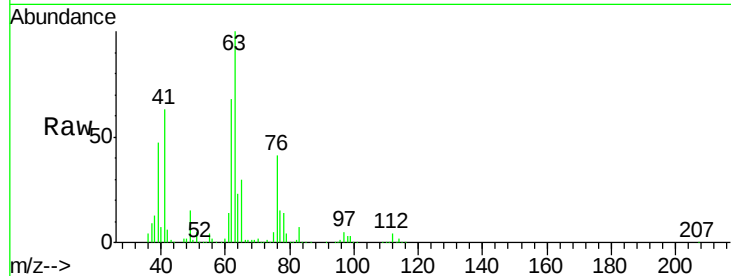




#45
 1,2-Dichloropropane
 Concen: 73.179 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

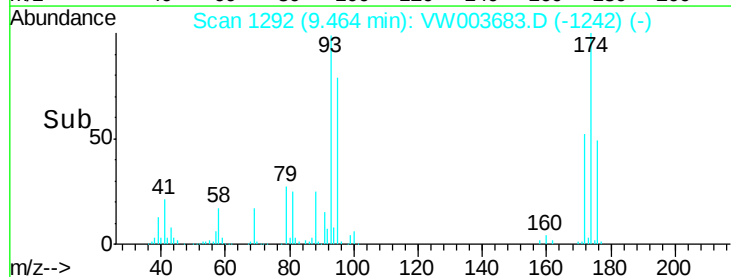
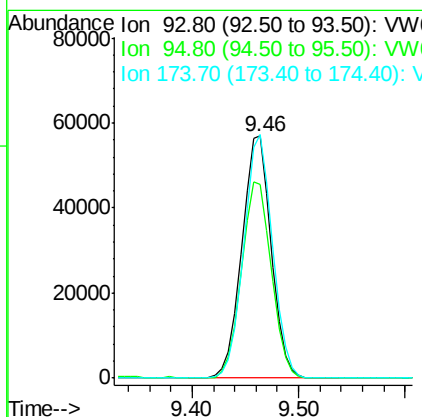
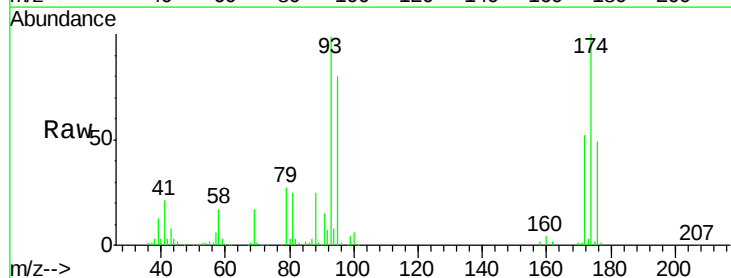
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

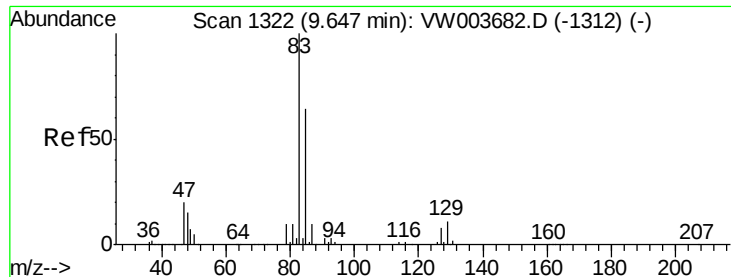
Tgt Ion: 63 Resp: 212676
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.3 36.5



#46
 Dibromomethane
 Concen: 73.940 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 93 Resp: 110473
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.2 99.4
 174 98.4 79.6 119.4





#47

Bromodichloromethane

Concen: 72.424 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

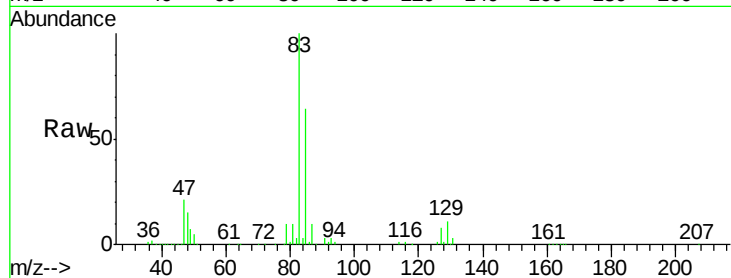
Tgt Ion: 83 Resp: 275828

Ion Ratio Lower Upper

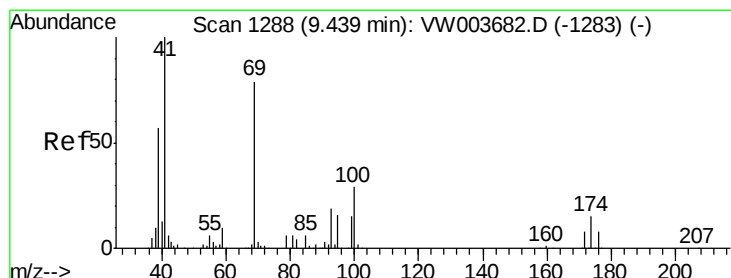
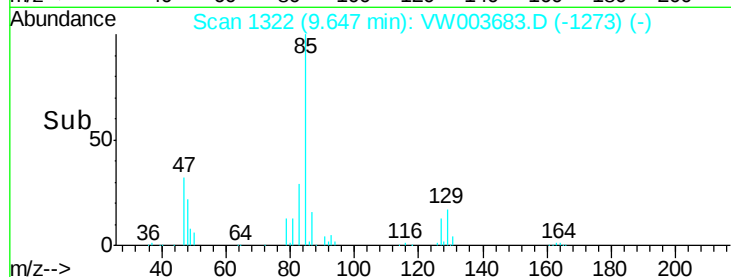
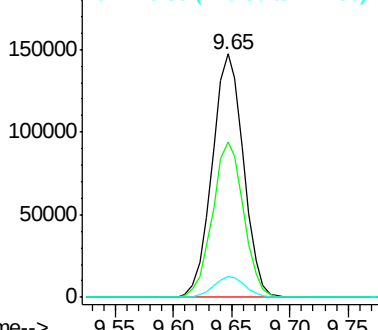
83 100

85 64.0 51.1 76.7

127 8.3 6.5 9.7



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: 82.462 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

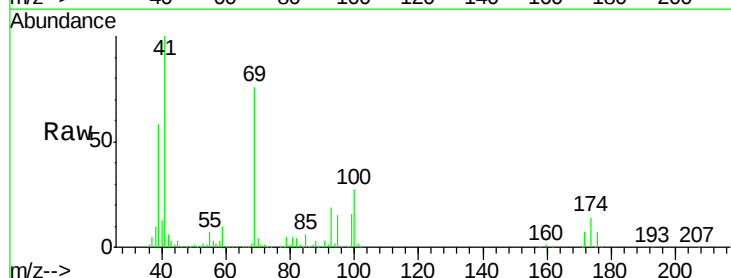
Tgt Ion: 41 Resp: 133999

Ion Ratio Lower Upper

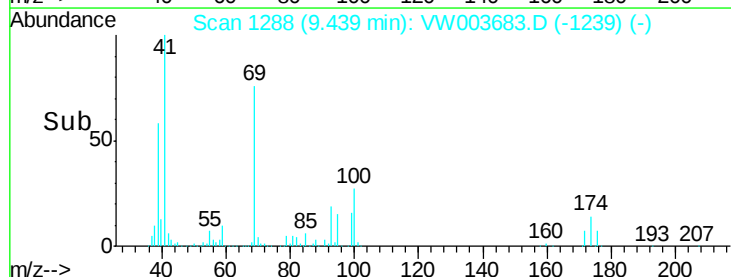
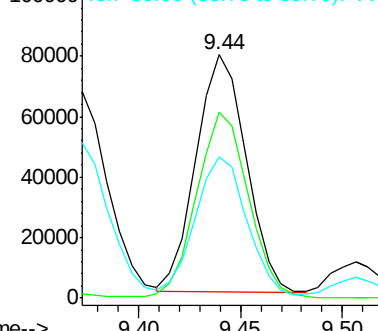
41 100

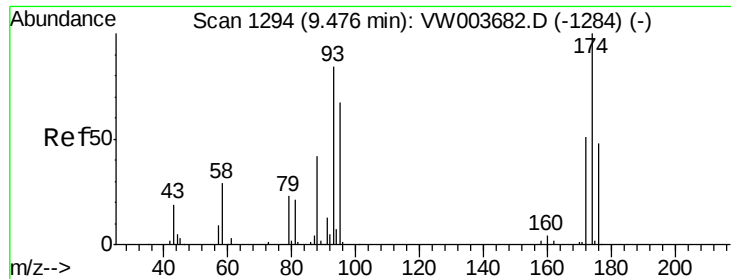
69 81.4 65.4 98.2

39 62.0 50.0 75.0



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: 1488.615 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

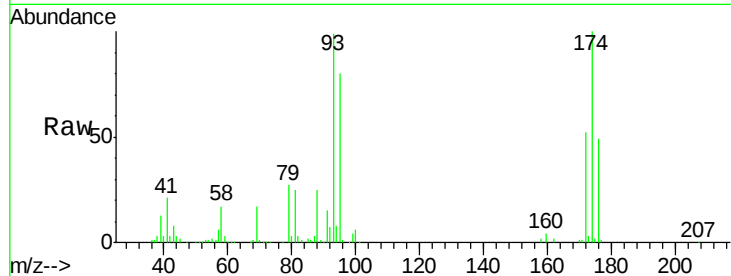
Tgt Ion: 88 Resp: 33651

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

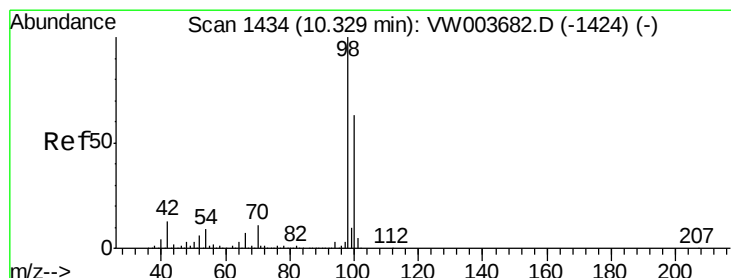
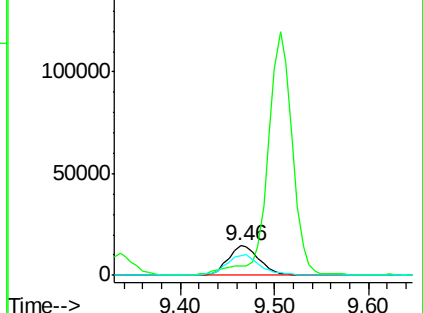
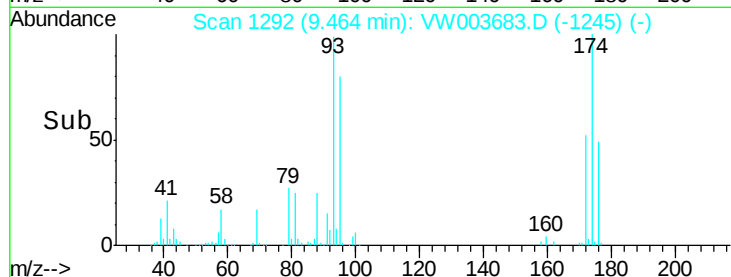
58 74.3 61.8 92.6



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: 73.448 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003683.D

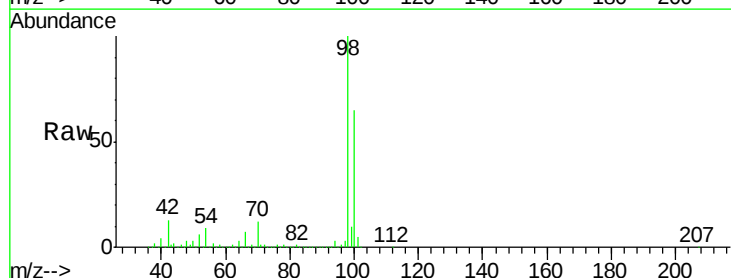
Acq: 02 Jul 2018 18:16

Tgt Ion: 98 Resp: 772353

Ion Ratio Lower Upper

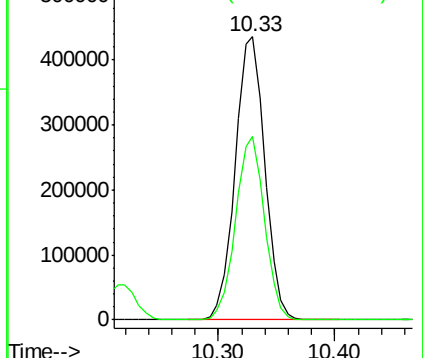
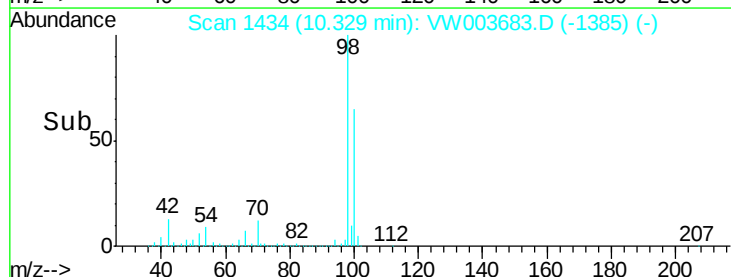
98 100

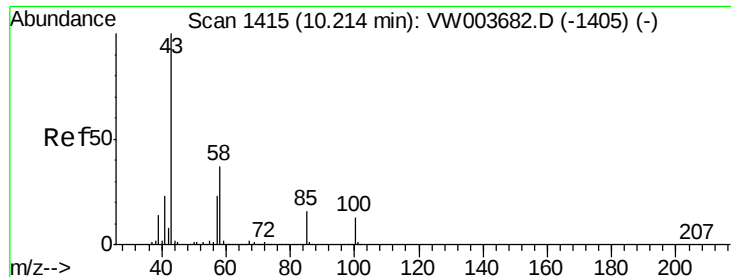
100 63.3 50.8 76.2



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: 406.342 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

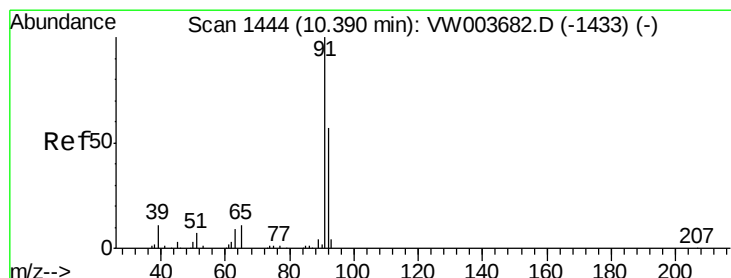
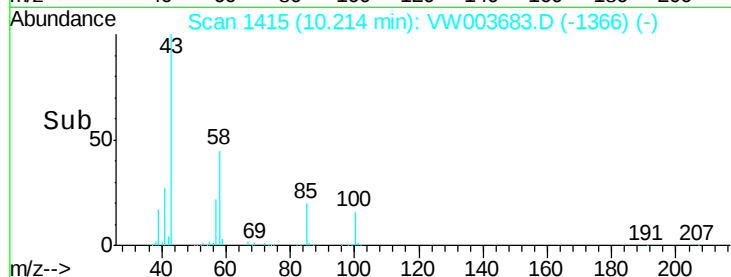
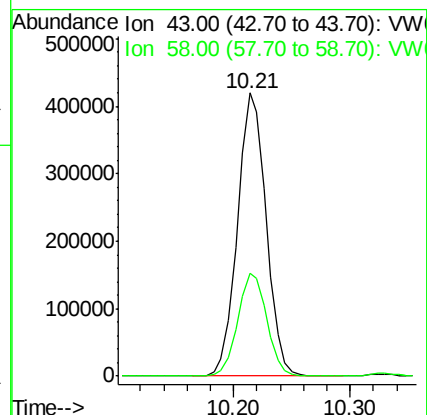
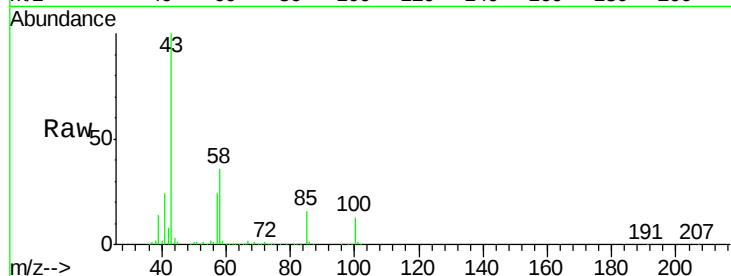
VSTDIC075

Tgt Ion: 43 Resp: 718336

Ion Ratio Lower Upper

43 100

58 36.8 29.6 44.4



#52

Toluene

Concen: 71.296 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003683.D

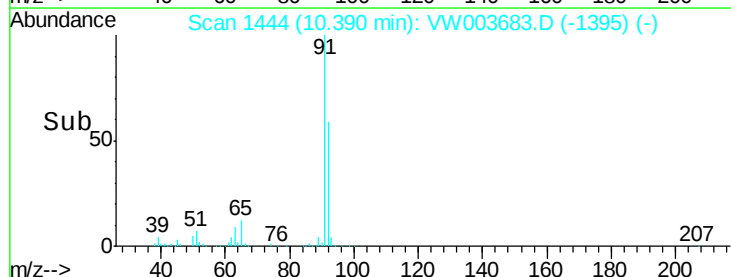
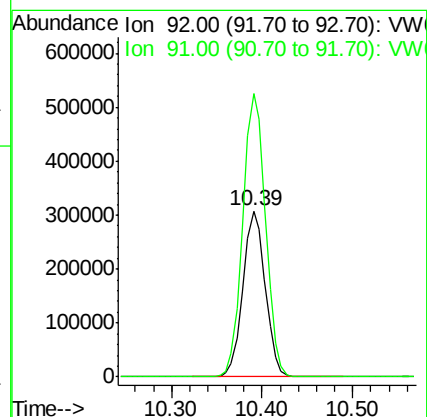
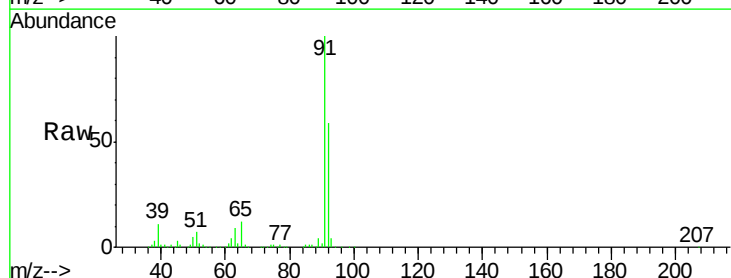
Acq: 02 Jul 2018 18:16

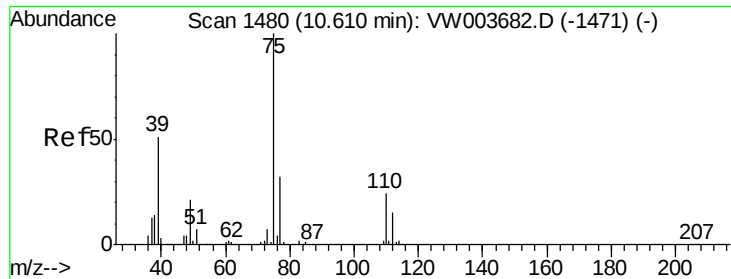
Tgt Ion: 92 Resp: 521003

Ion Ratio Lower Upper

92 100

91 174.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 75.819 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

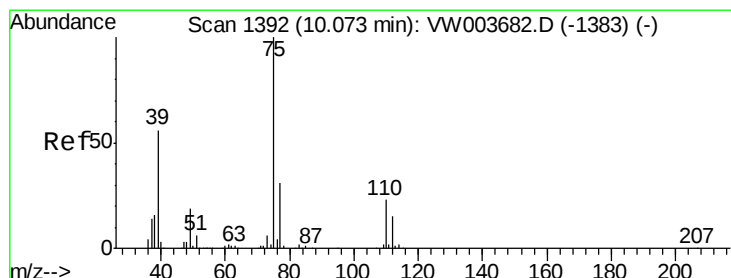
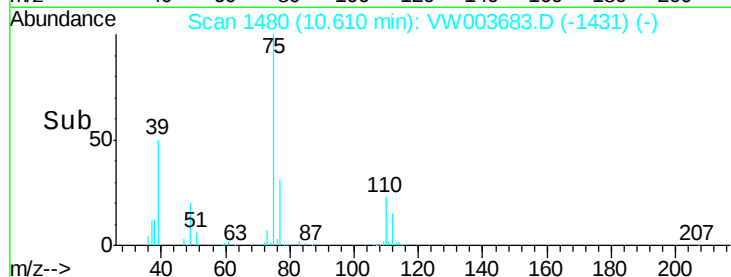
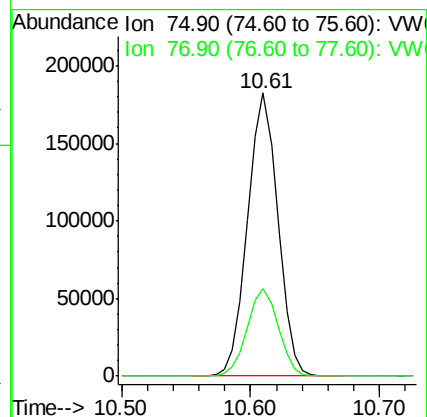
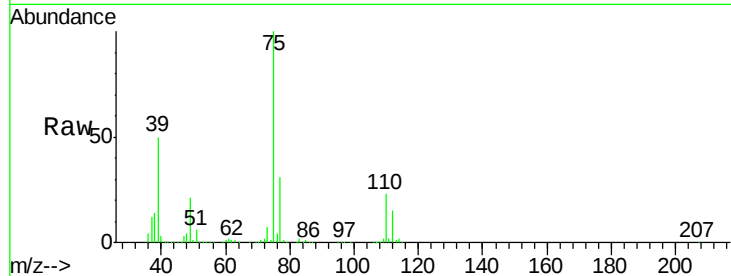
VSTDIC075

Tgt Ion: 75 Resp: 295739

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 75.231 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

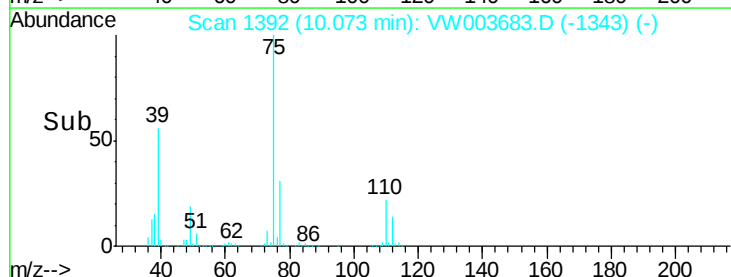
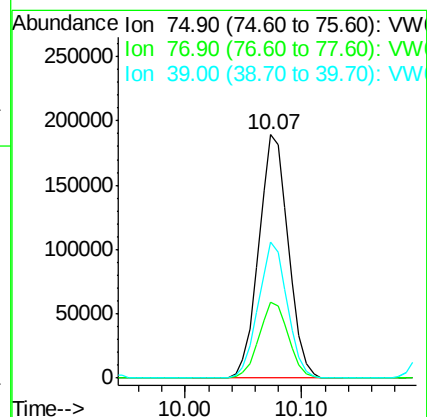
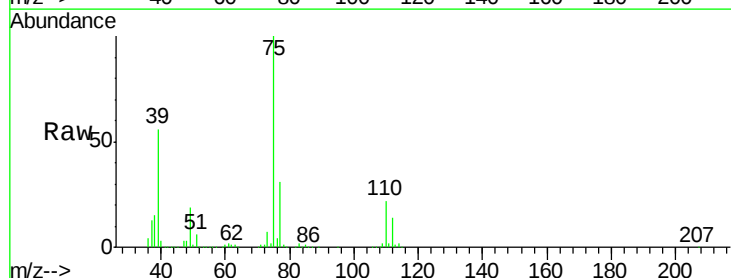
Tgt Ion: 75 Resp: 334458

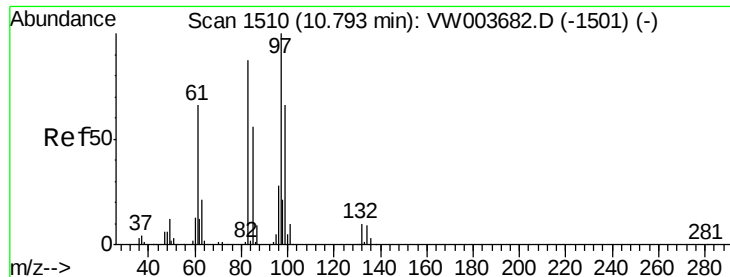
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 55.8 44.6 67.0

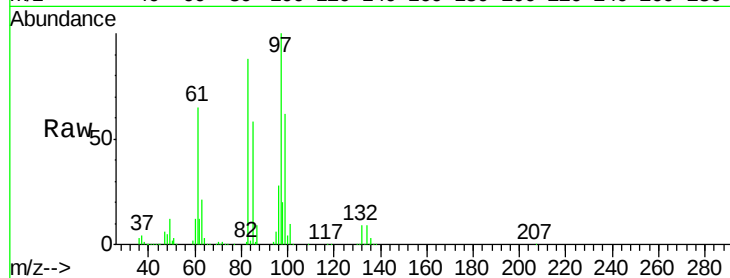




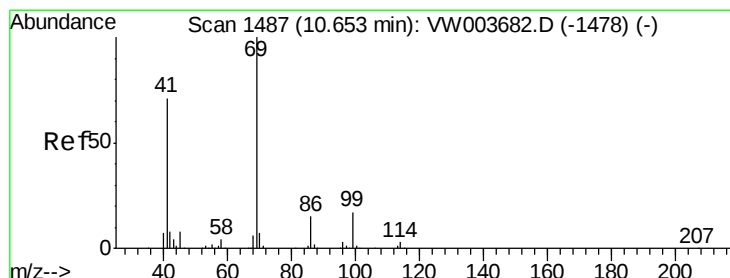
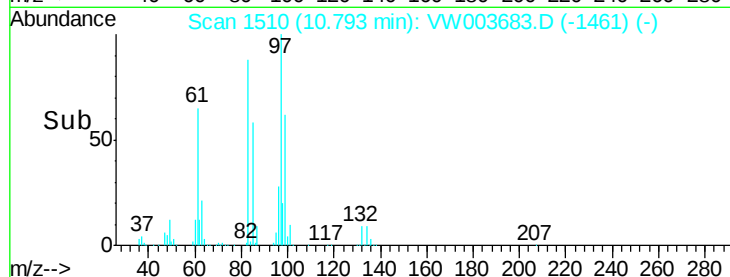
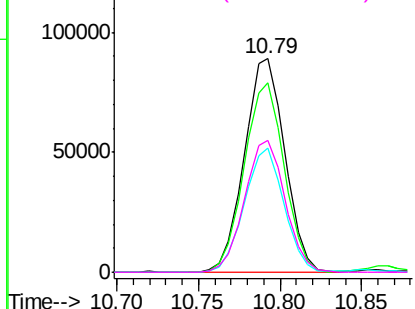
#55
 1,1,2-Trichloroethane
 Concen: 73.143 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 97 Resp: 153918
 Ion Ratio Lower Upper
 97 100
 83 88.4 69.5 104.3
 85 58.0 44.7 67.1
 99 62.0 52.6 78.8

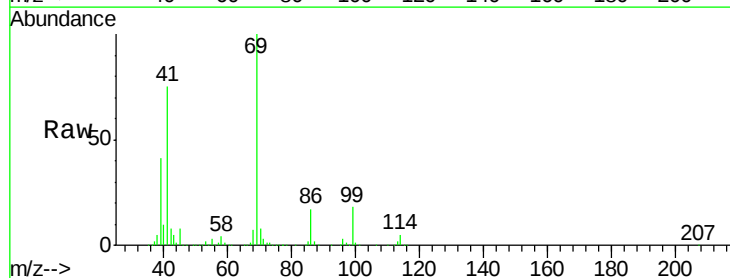


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

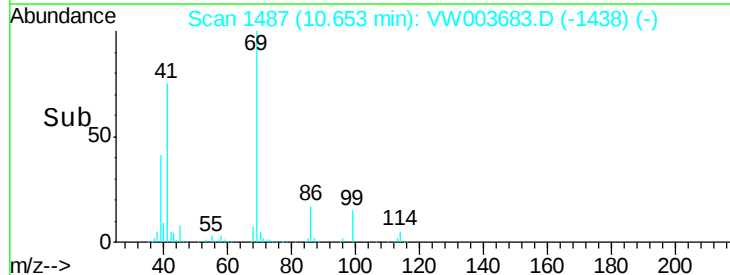
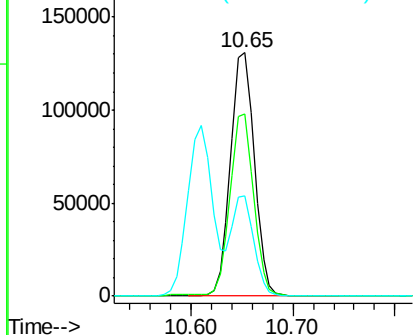


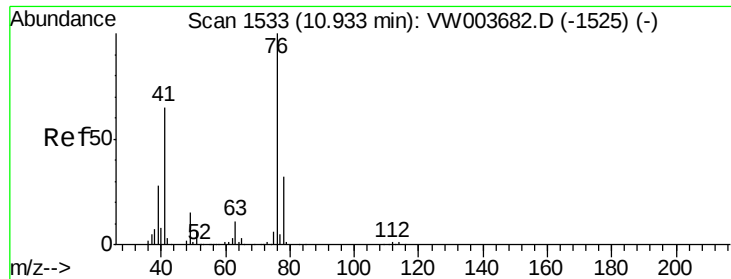
#56
 Ethyl methacrylate
 Concen: 82.487 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 69 Resp: 212201
 Ion Ratio Lower Upper
 69 100
 41 73.1 57.5 86.3
 39 36.2 29.4 44.0



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

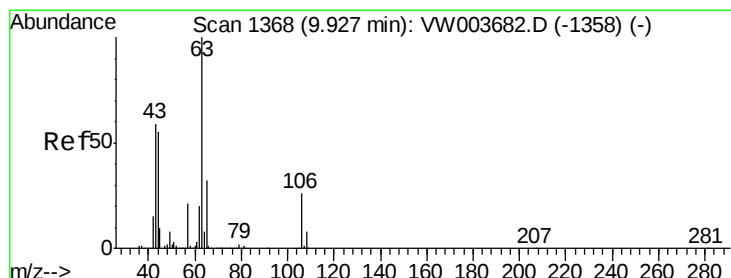
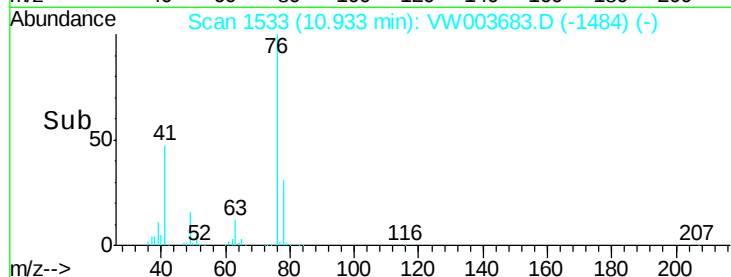
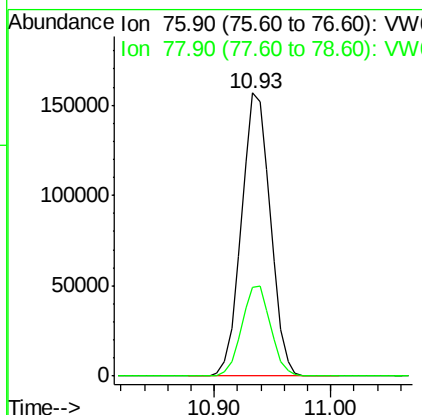
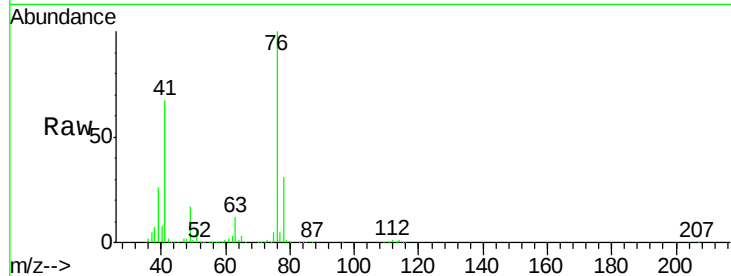




#57
 1,3-Dichloropropane
 Concen: 74.849 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

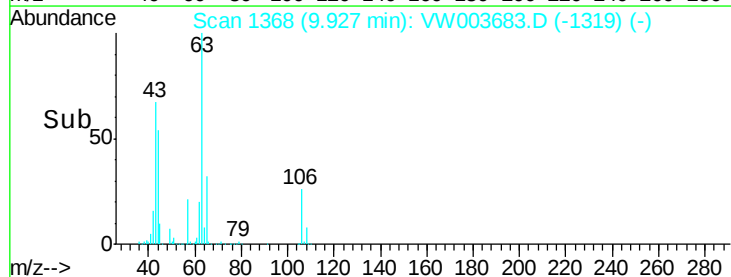
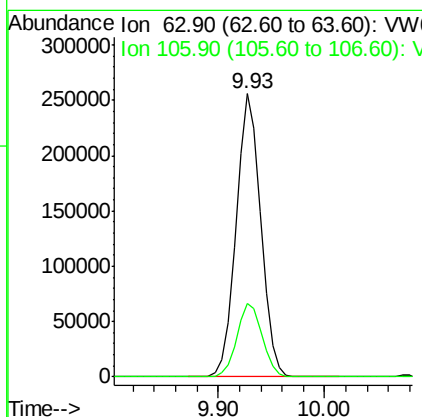
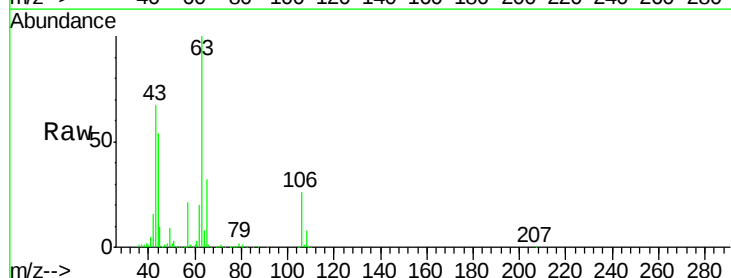
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

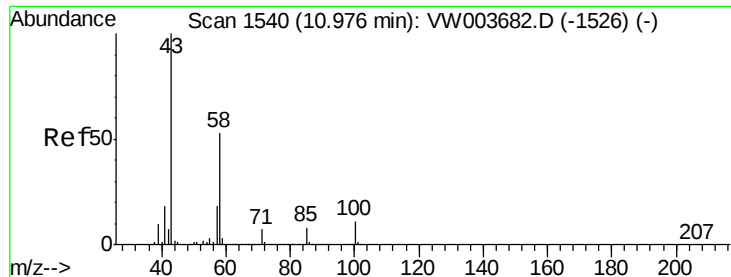
Tgt Ion: 76 Resp: 272255
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 365.456 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 63 Resp: 414487
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.7 31.1

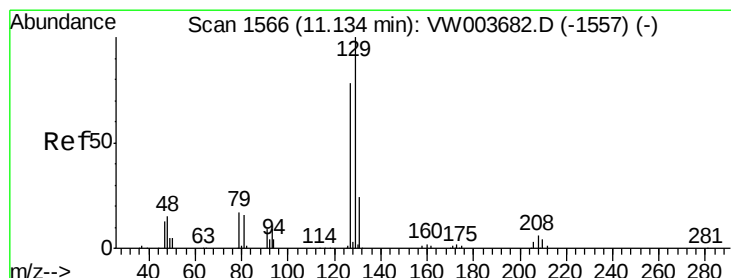
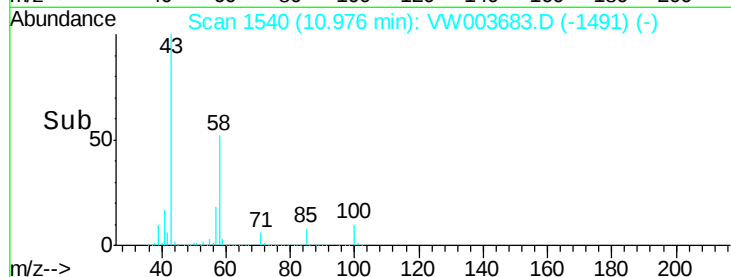
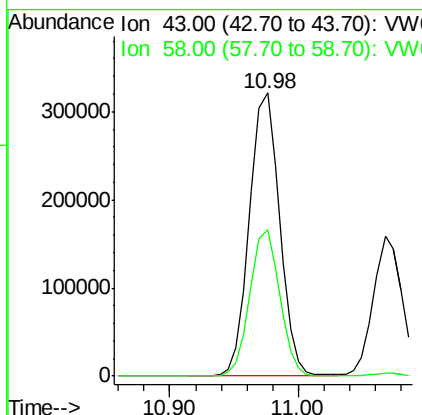
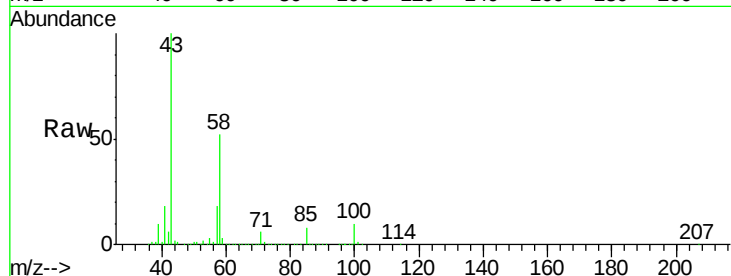




#59
2-Hexanone
Concen: 419.894 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

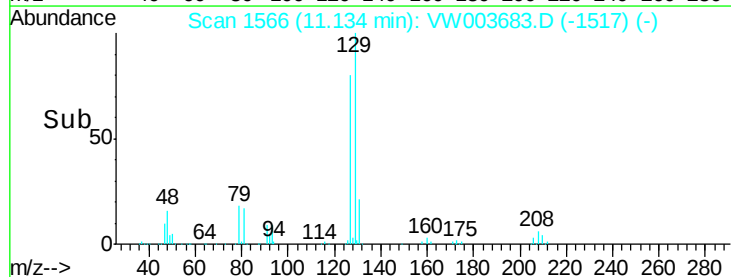
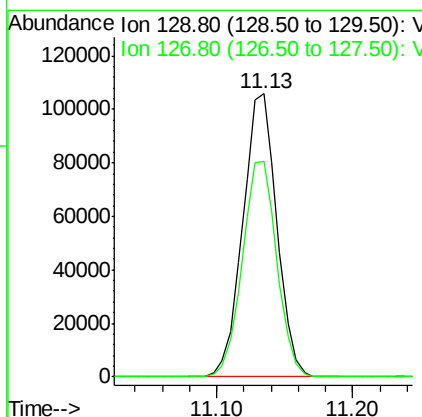
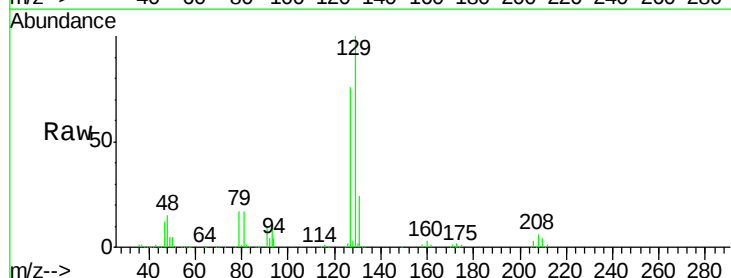
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

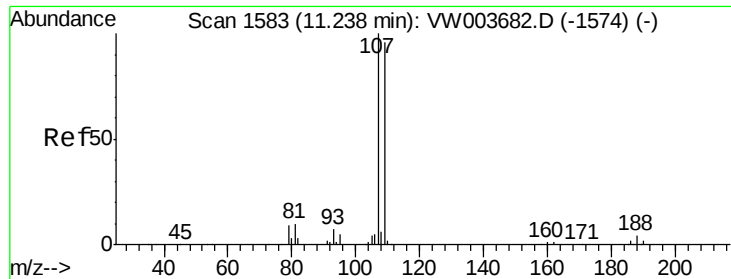
Tgt Ion: 43 Resp: 519635
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.6



#60
Dibromochloromethane
Concen: 74.427 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion: 129 Resp: 185151
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

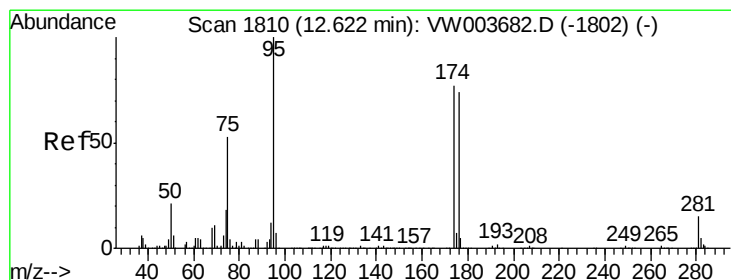
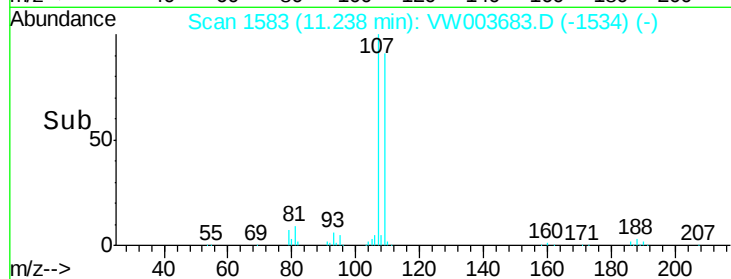
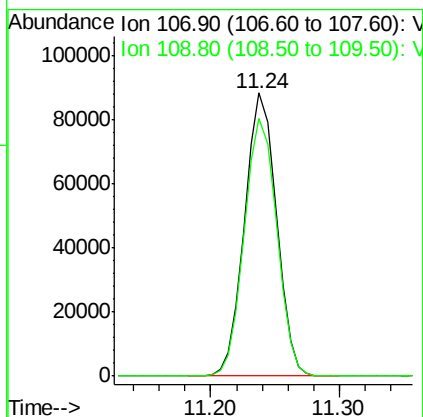
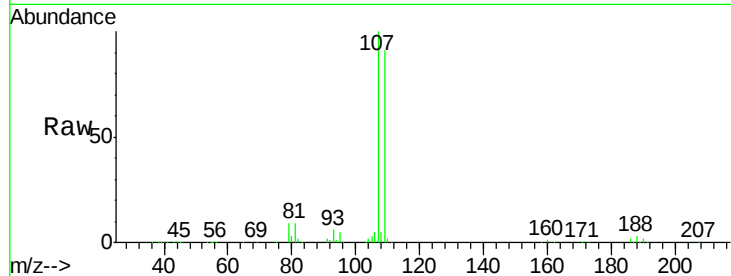




#61
 1,2-Dibromoethane
 Concen: 75.804 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

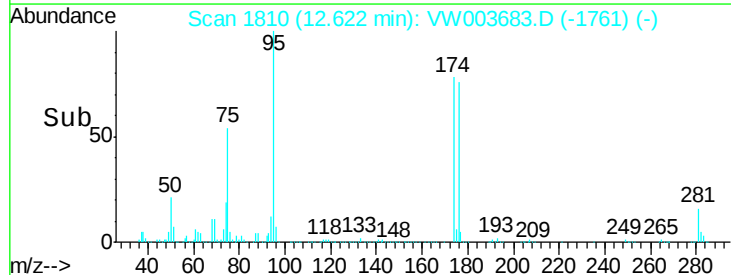
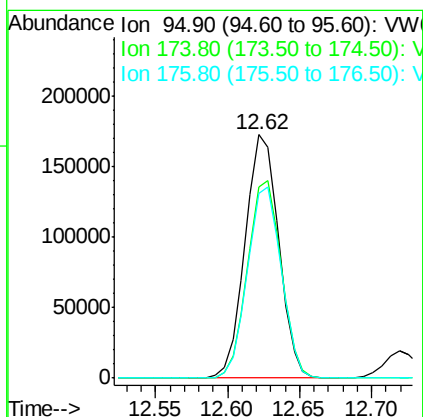
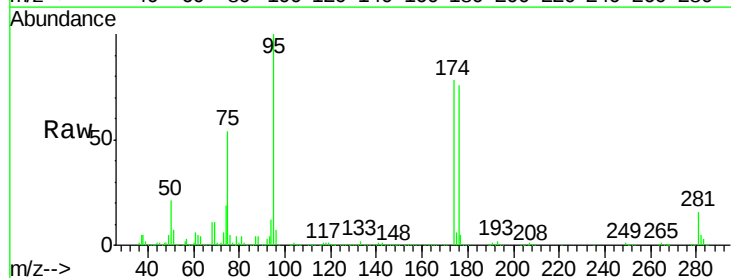
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

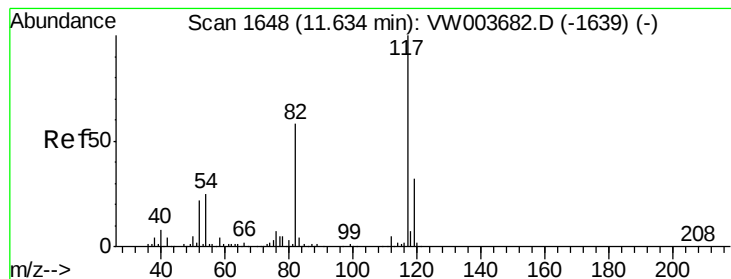
Tgt Ion: 107 Resp: 150936
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 74.231 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 95 Resp: 277468
 Ion Ratio Lower Upper
 95 100
 174 81.6 0.0 161.2
 176 79.1 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

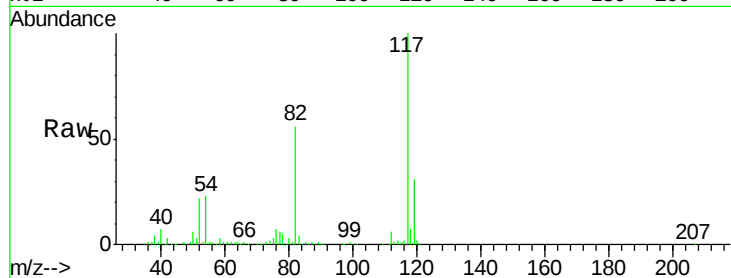
Tgt Ion:117 Resp: 394757

Ion Ratio Lower Upper

117 100

82 56.0 46.0 69.0

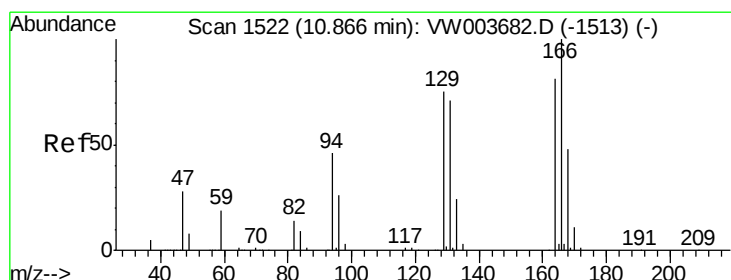
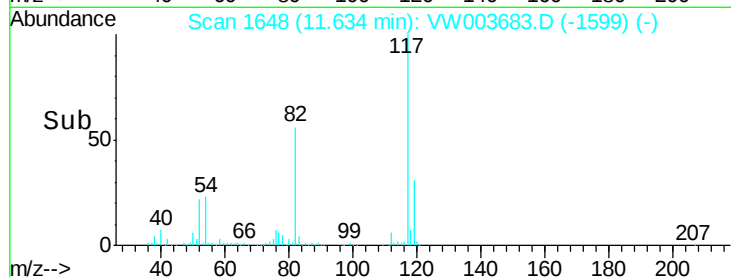
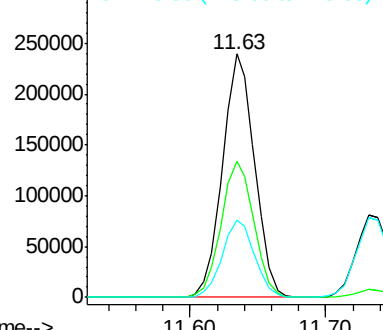
119 31.5 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 68.372 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Tgt Ion:164 Resp: 182024

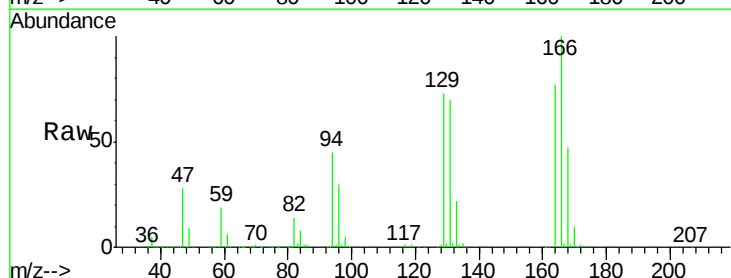
Ion Ratio Lower Upper

164 100

166 130.0 99.0 148.4

129 94.9 73.8 110.6

131 91.2 70.6 106.0

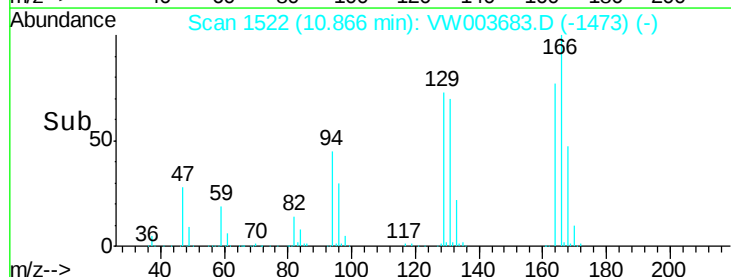
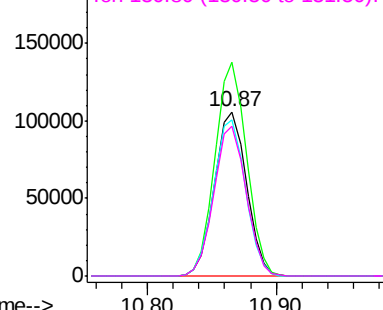


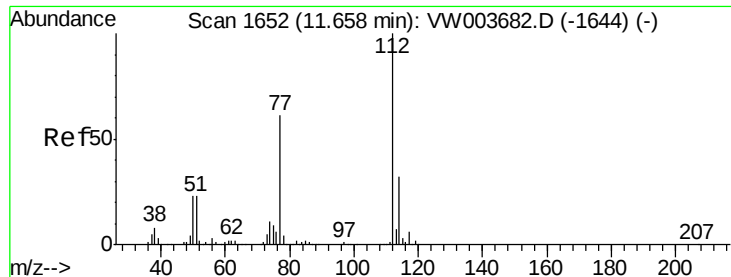
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 68.416 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

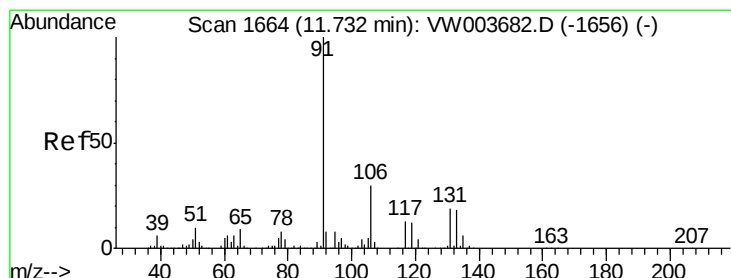
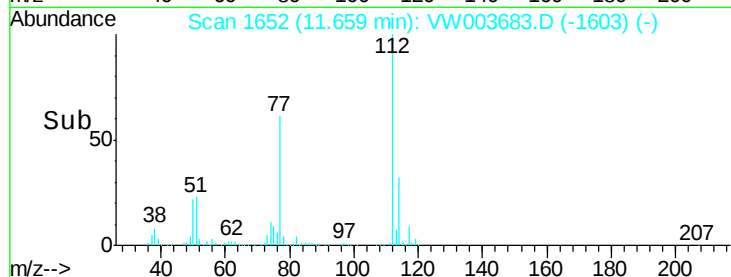
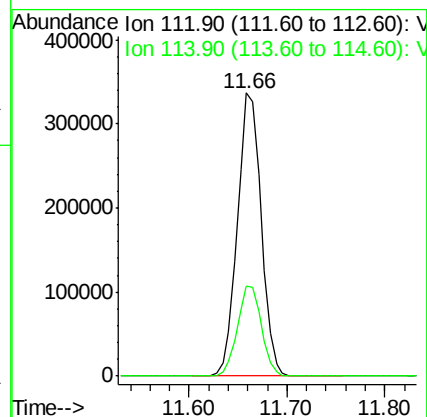
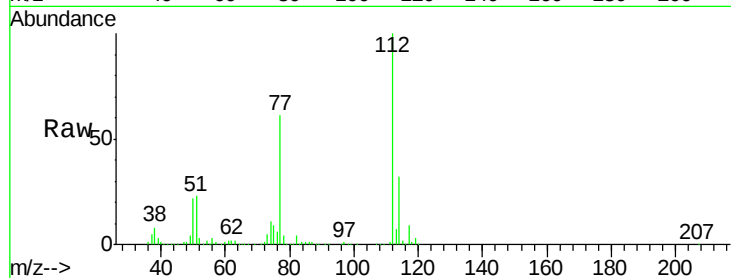
VSTDIC075

Tgt Ion:112 Resp: 567336

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 68.354 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

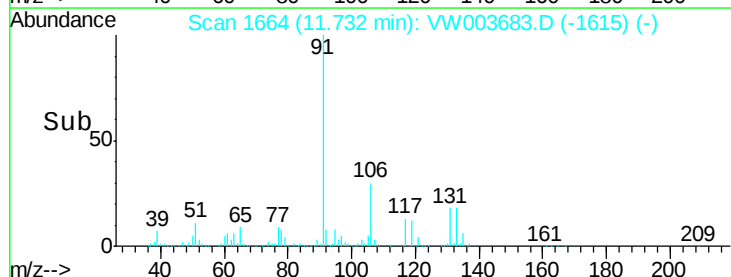
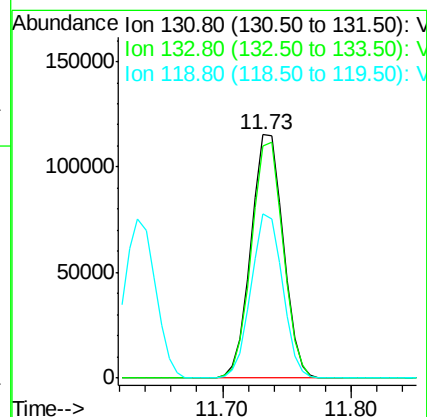
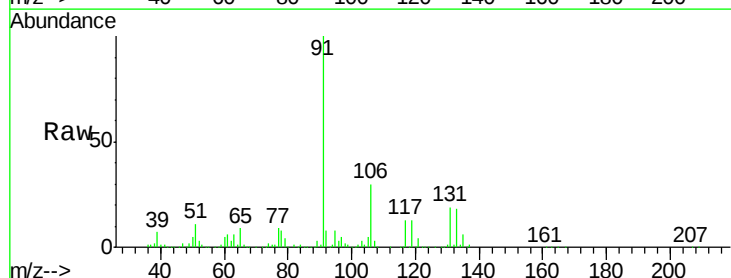
Tgt Ion:131 Resp: 198879

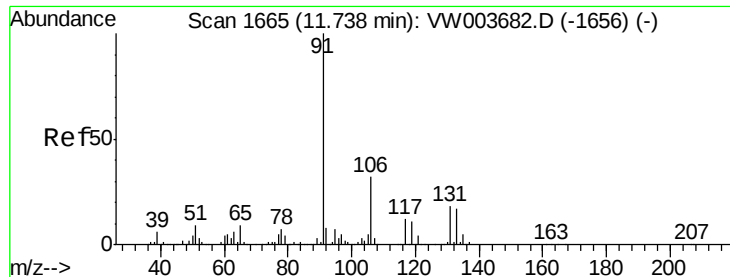
Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.8

119 66.0 31.9 95.9





#67

Ethyl Benzene

Concen: 70.298 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

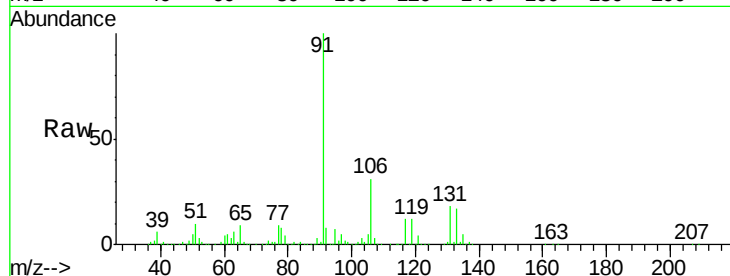
VSTDIC075

Tgt Ion: 91 Resp: 1034260

Ion Ratio Lower Upper

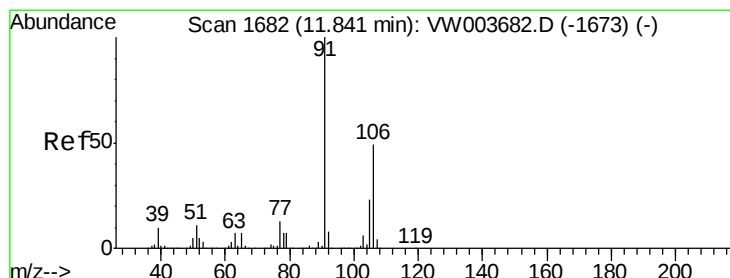
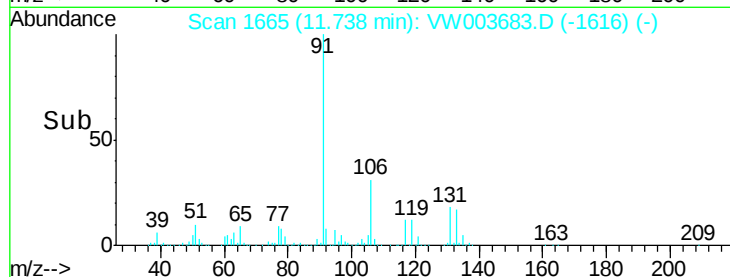
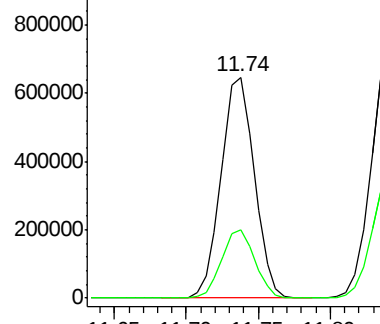
91 100

106 31.0 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 139.928 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VW003683.D

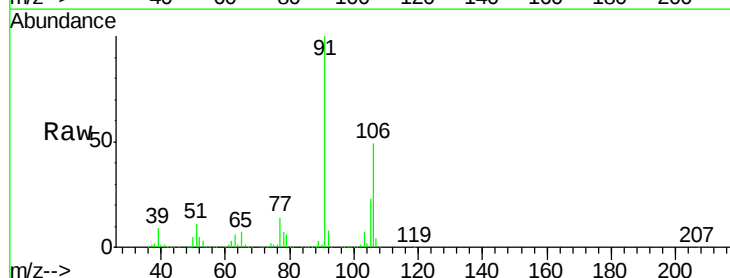
Acq: 02 Jul 2018 18:16

Tgt Ion: 106 Resp: 782673

Ion Ratio Lower Upper

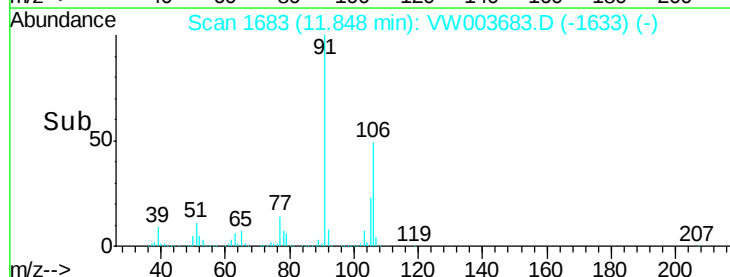
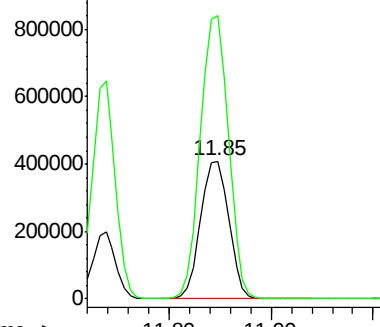
106 100

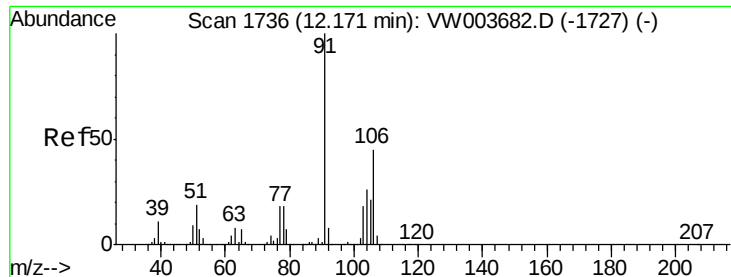
91 204.6 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

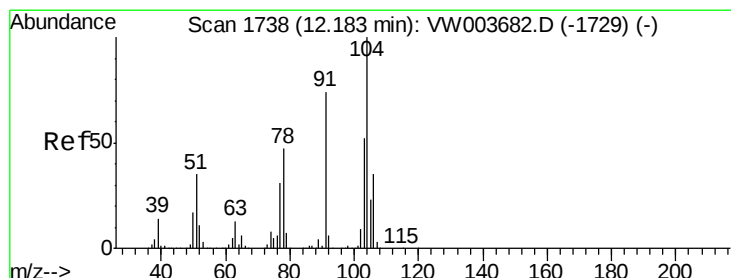
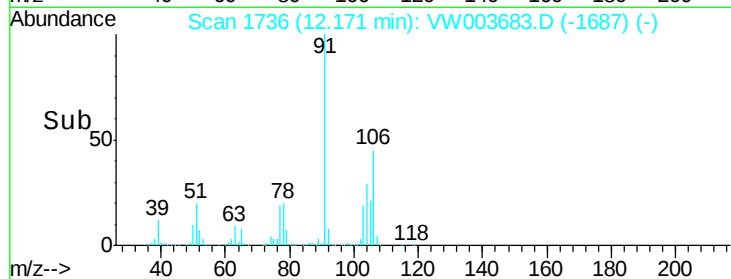
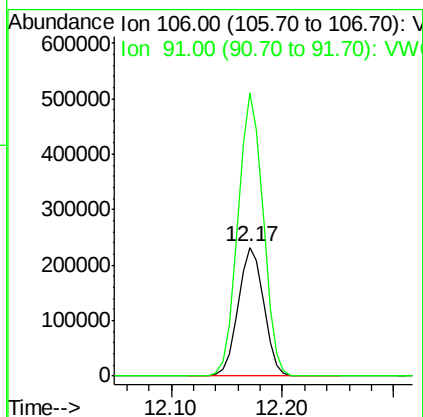
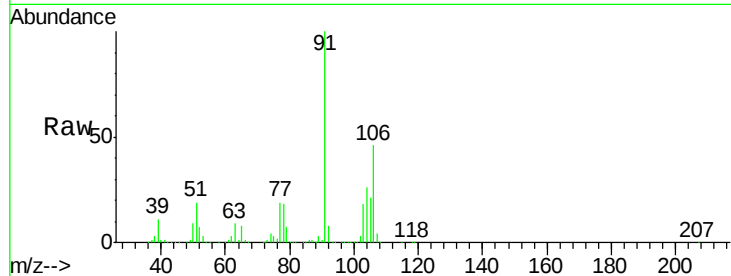




#69
o-Xylene
Concen: 71.059 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

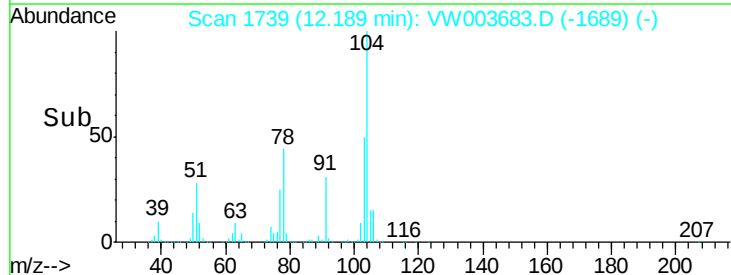
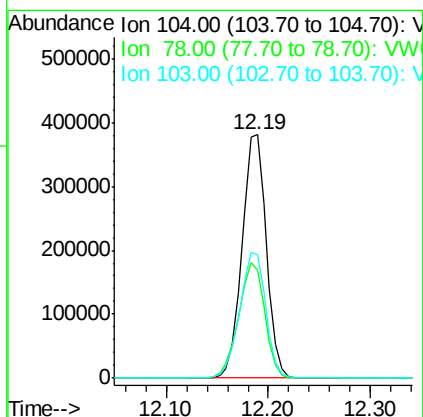
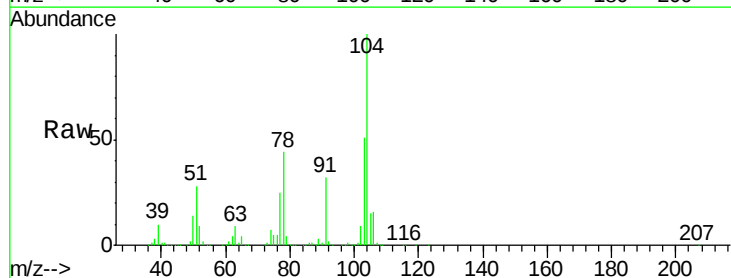
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

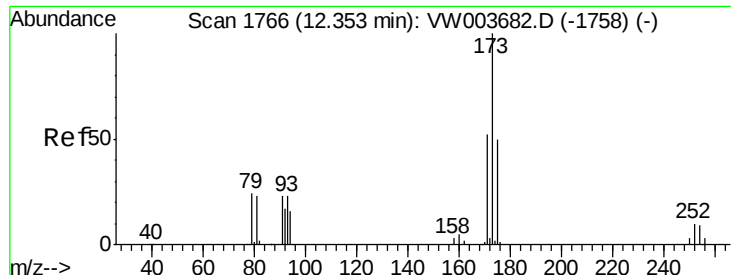
Tgt Ion:106 Resp: 367061
Ion Ratio Lower Upper
106 100
91 217.9 109.3 327.8



#70
Styrene
Concen: 72.416 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion:104 Resp: 625730
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 55.6 44.4 66.6





#71

Bromoform

Concen: 73.603 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

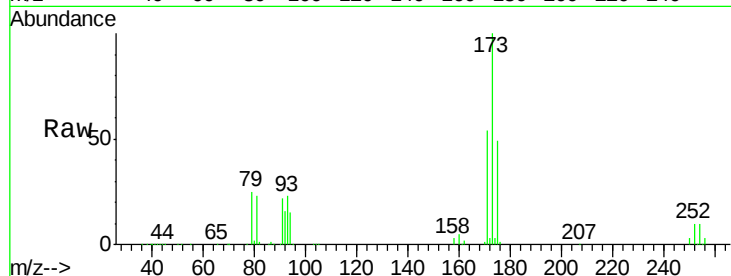
Tgt Ion:173 Resp: 111789

Ion Ratio Lower Upper

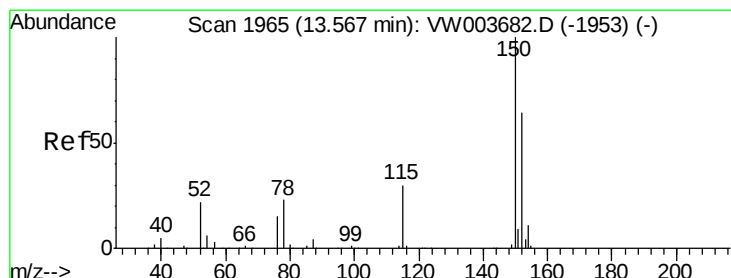
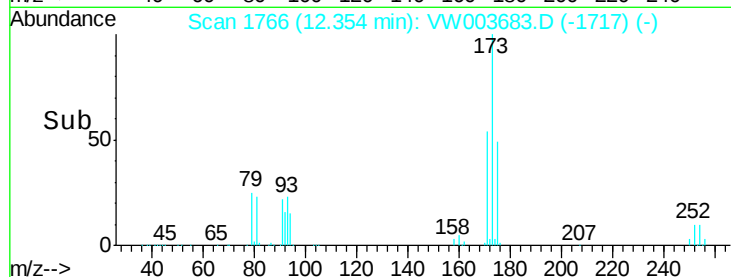
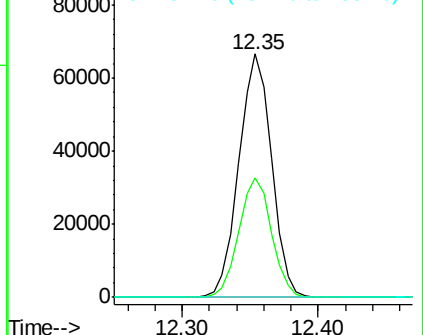
173 100

175 49.0 24.5 73.5

254 0.1 0.2 0.2#



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: VW003683.D

Acq: 02 Jul 2018 18:16

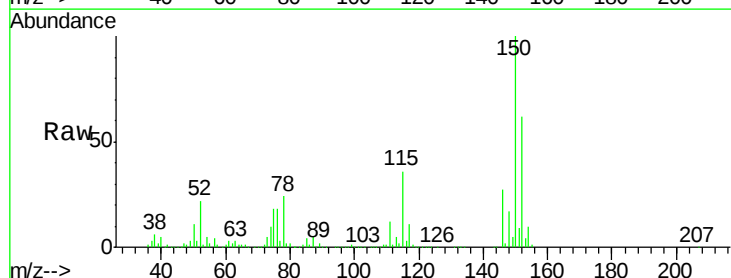
Tgt Ion:152 Resp: 208119

Ion Ratio Lower Upper

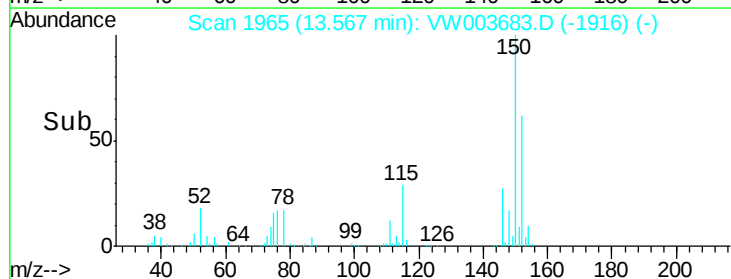
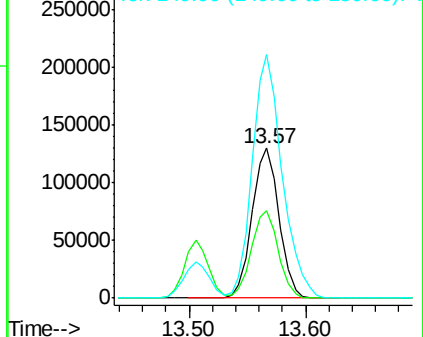
152 100

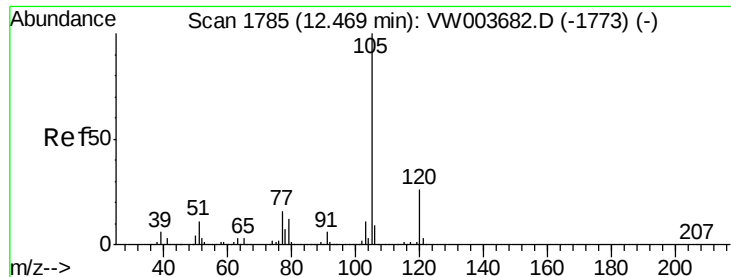
115 57.9 29.3 88.0

150 180.7 0.0 352.0



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: 69.343 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

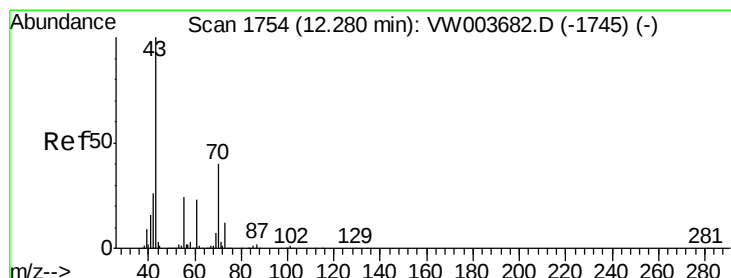
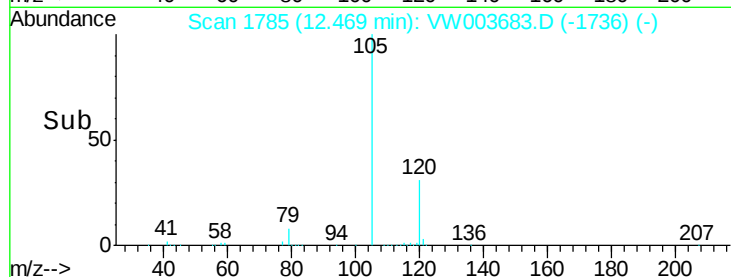
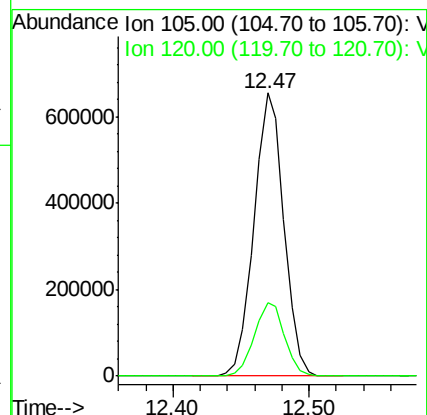
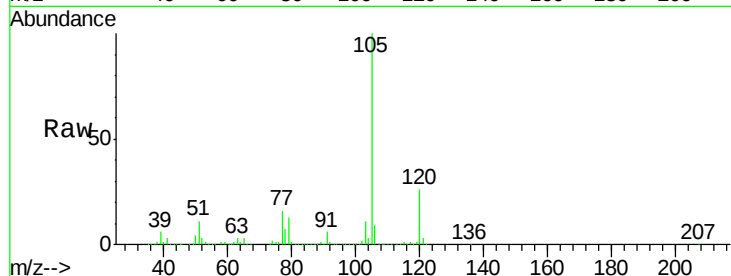
VSTDIC075

Tgt Ion:105 Resp: 1007796

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 79.699 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Tgt Ion: 43 Resp: 269836

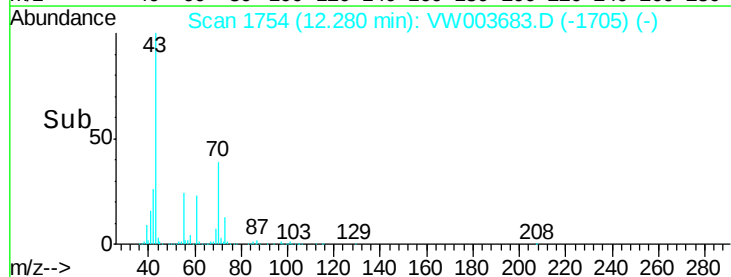
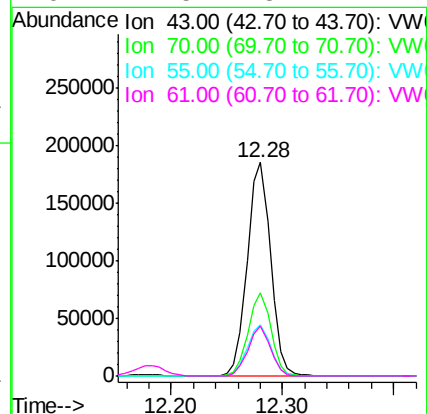
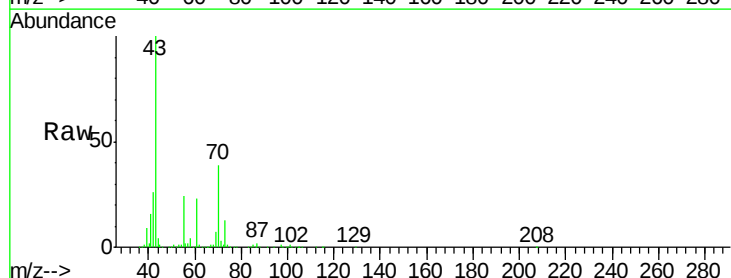
Ion Ratio Lower Upper

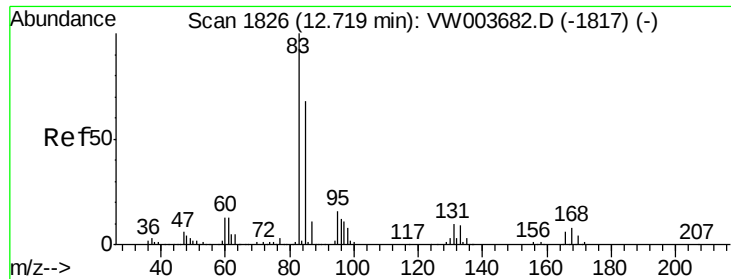
43 100

70 38.4 31.3 46.9

55 24.3 20.1 30.1

61 22.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 74.041 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

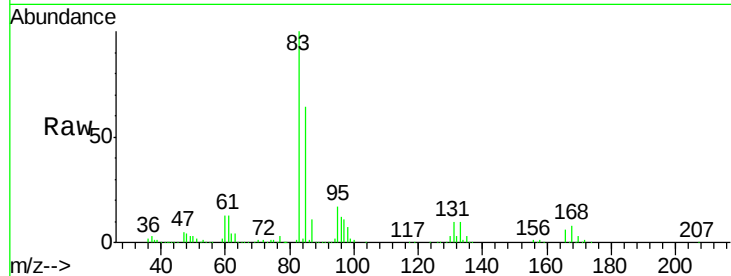
Tgt Ion: 83 Resp: 185780

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

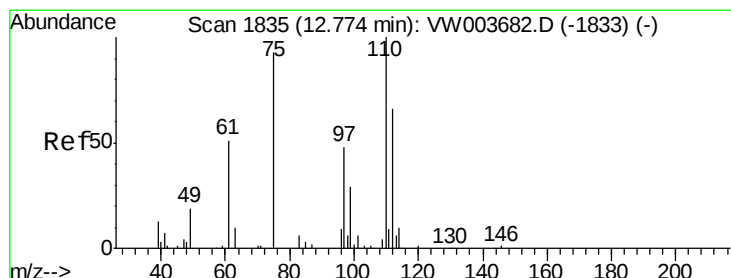
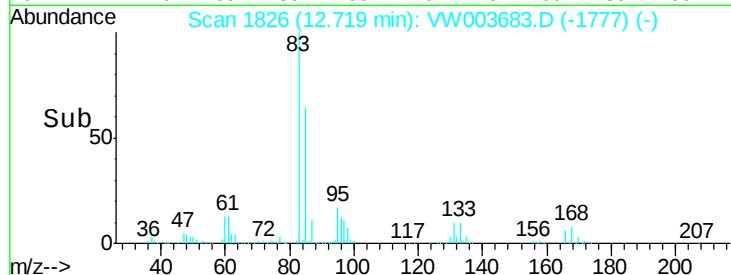
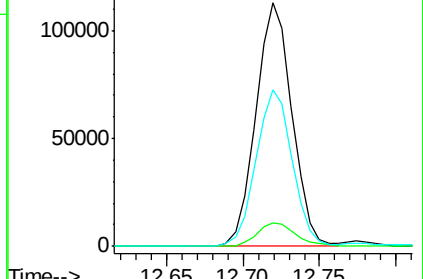
85 64.3 31.9 95.9



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: 141.633 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003683.D

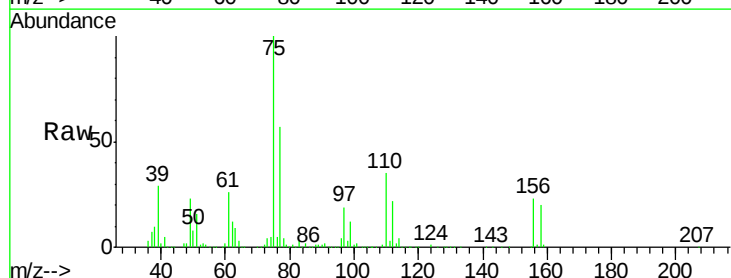
Acq: 02 Jul 2018 18:16

Tgt Ion: 75 Resp: 255311

Ion Ratio Lower Upper

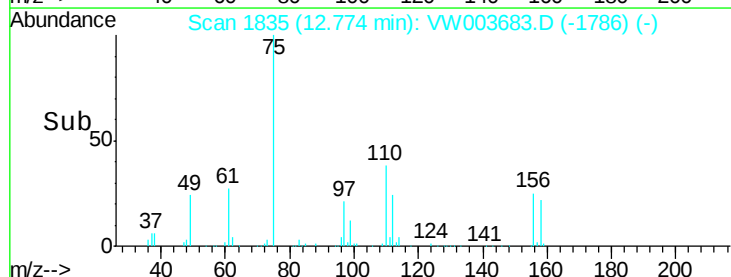
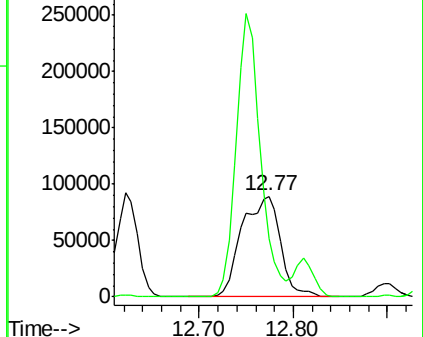
75 100

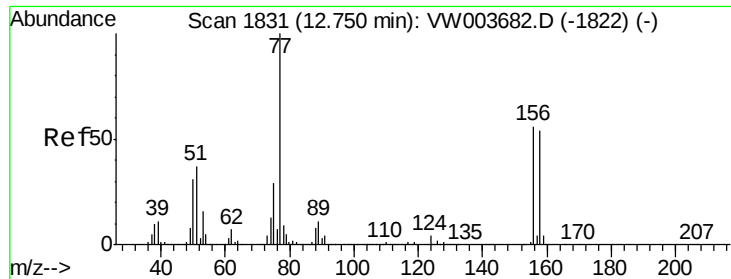
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 69.303 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

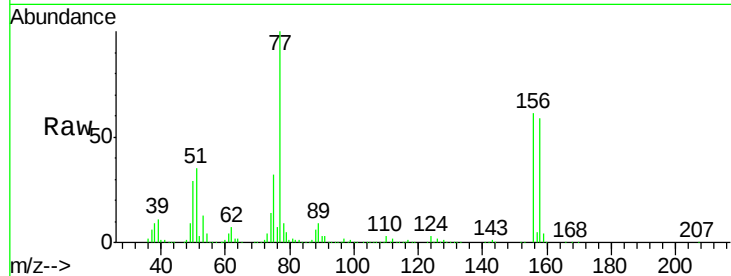
Tgt Ion:156 Resp: 235592

Ion Ratio Lower Upper

156 100

77 192.2 95.8 287.4

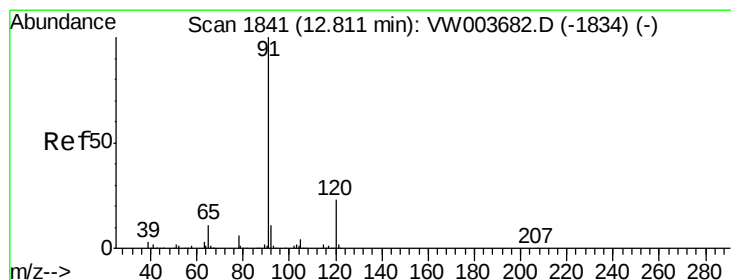
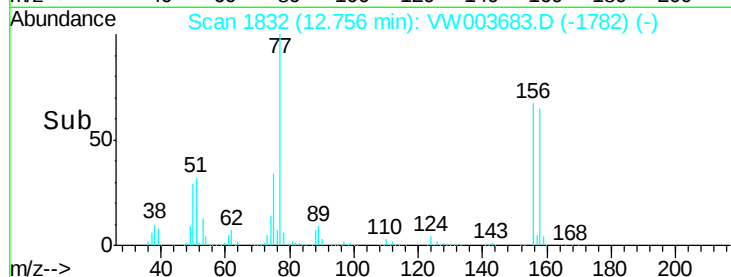
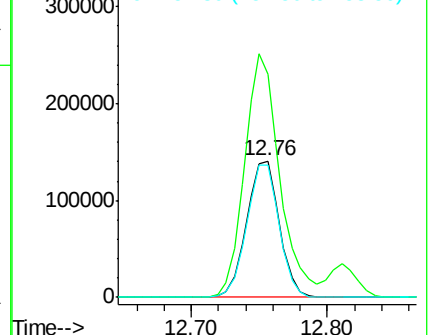
158 97.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 69.562 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003683.D

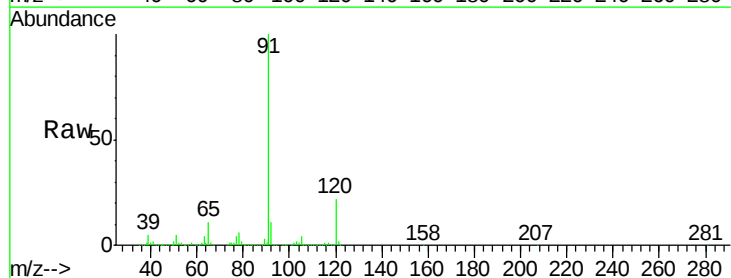
Acq: 02 Jul 2018 18:16

Tgt Ion: 91 Resp: 1241477

Ion Ratio Lower Upper

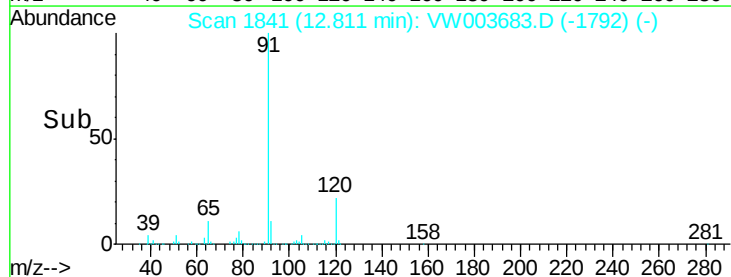
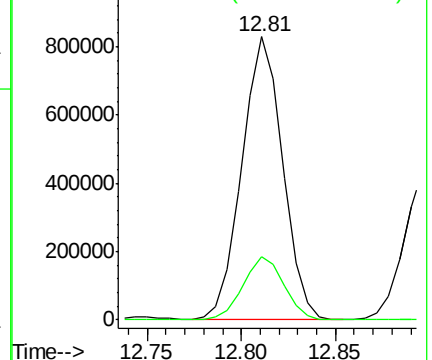
91 100

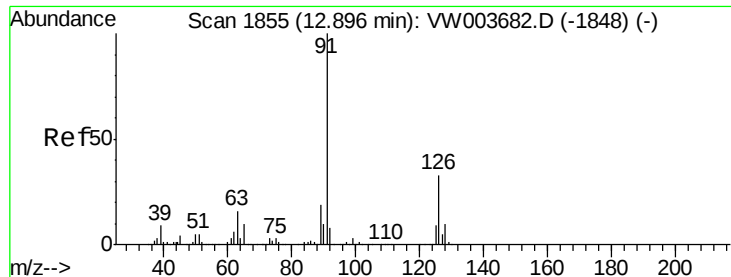
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 68.855 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

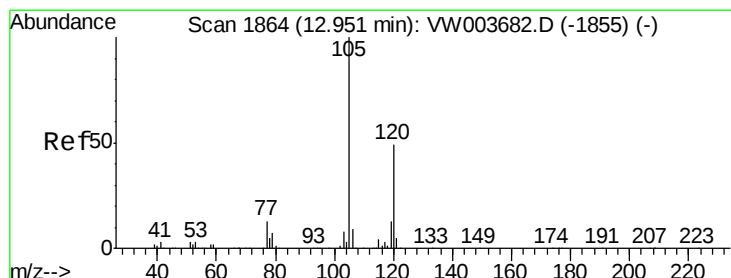
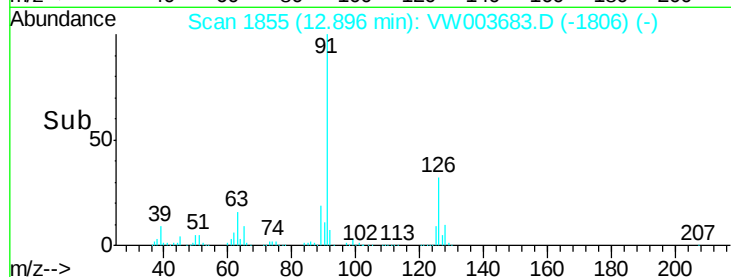
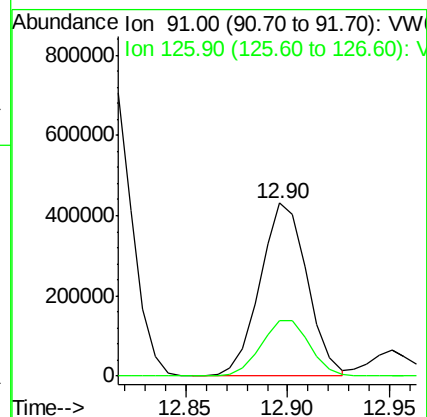
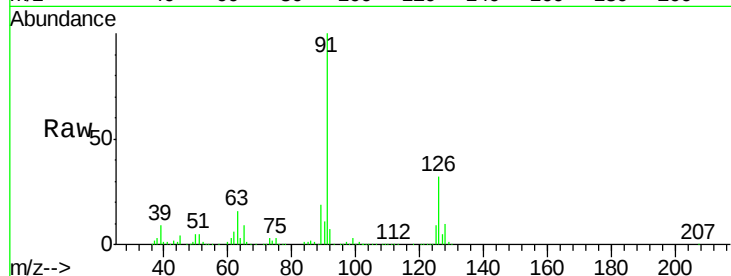
VSTDIC075

Tgt Ion: 91 Resp: 694468

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 69.579 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003683.D

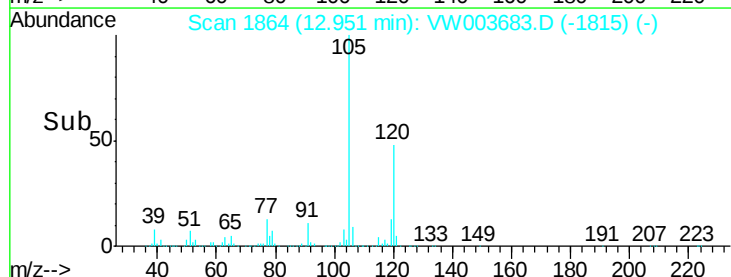
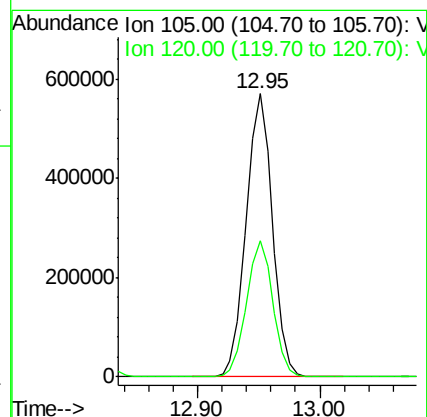
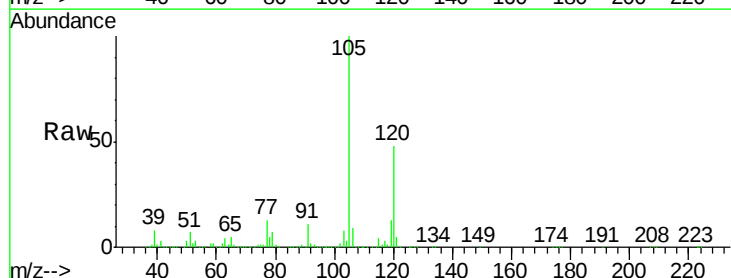
Acq: 02 Jul 2018 18:16

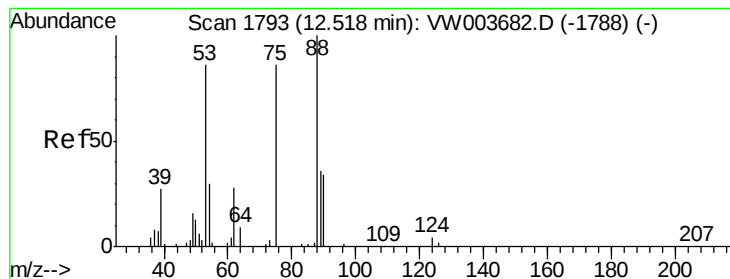
Tgt Ion: 105 Resp: 849587

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 79.317 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

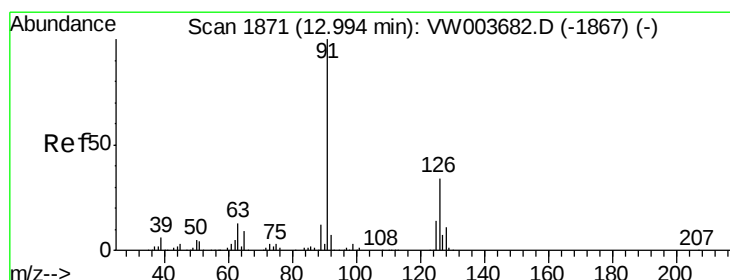
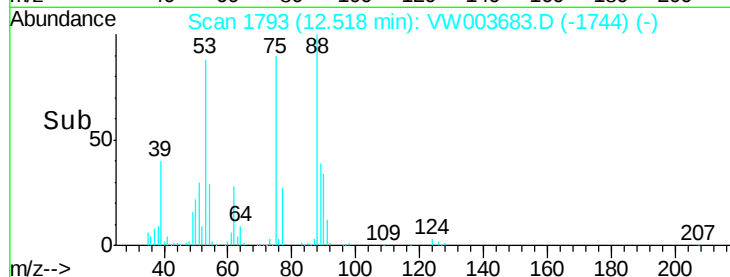
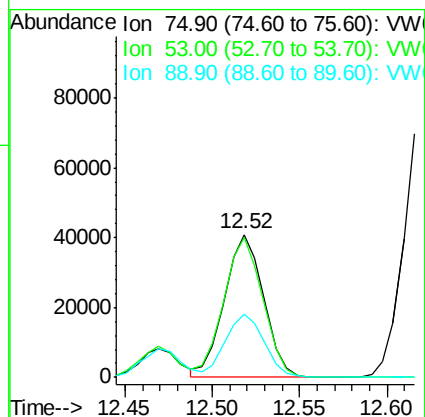
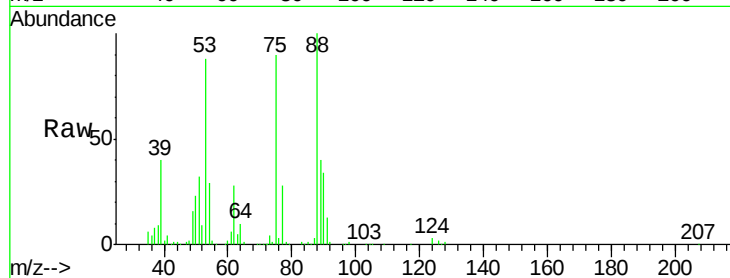
Tgt Ion: 75 Resp: 62936

Ion Ratio Lower Upper

75 100

53 99.0 82.4 123.6

89 44.5 35.9 53.9



#82

4-Chlorotoluene

Concen: 69.741 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003683.D

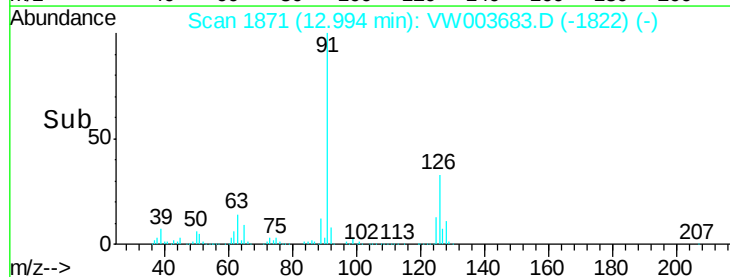
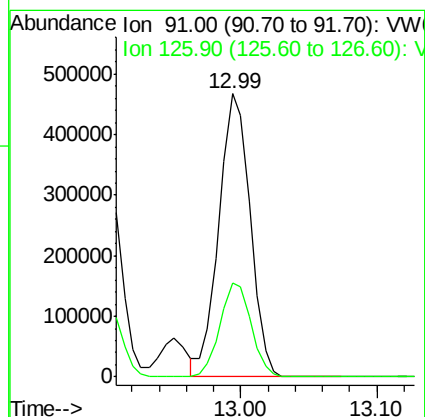
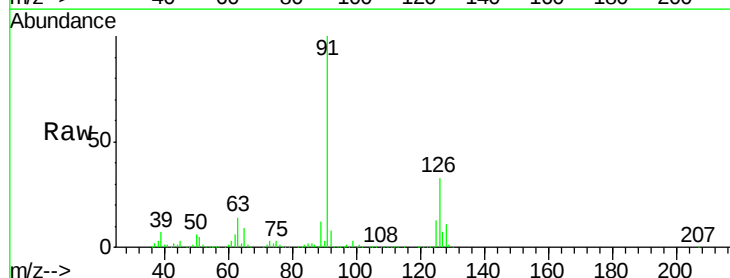
Acq: 02 Jul 2018 18:16

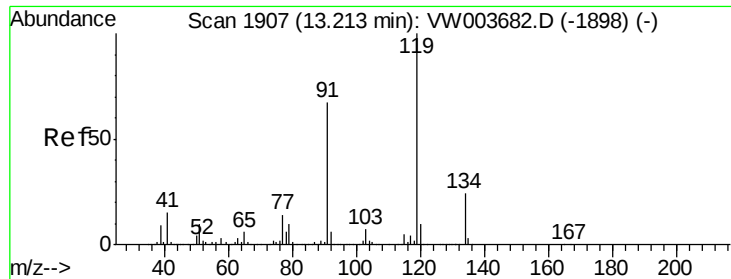
Tgt Ion: 91 Resp: 745817

Ion Ratio Lower Upper

91 100

126 33.0 17.0 50.9

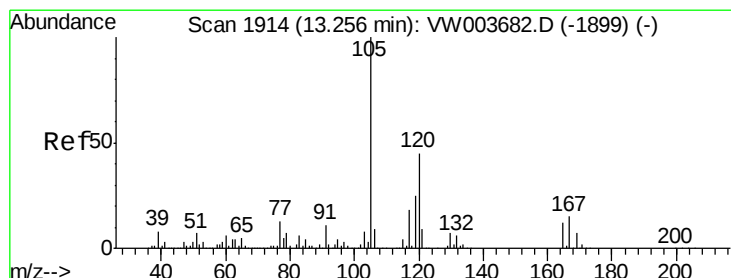
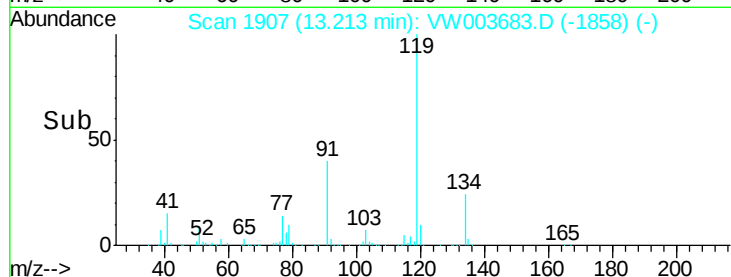
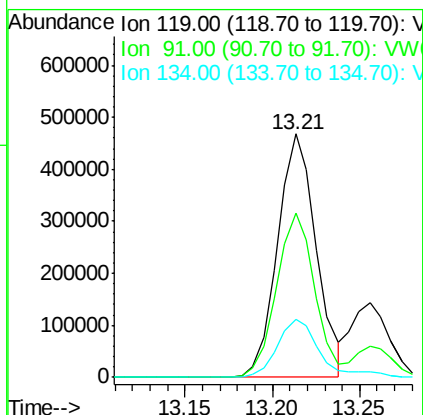
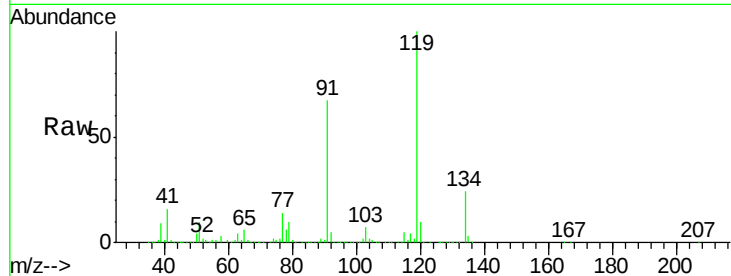




#83
 tert-Butylbenzene
 Concen: 69.488 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

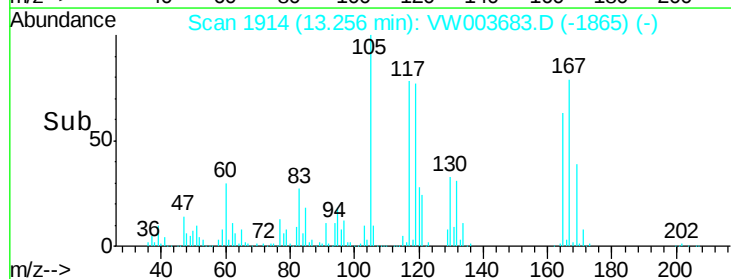
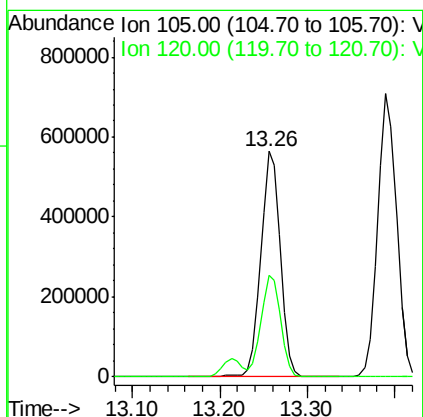
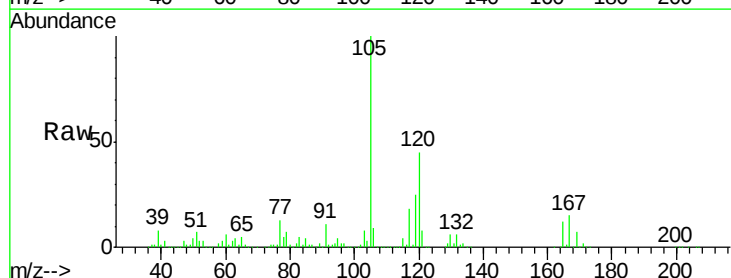
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

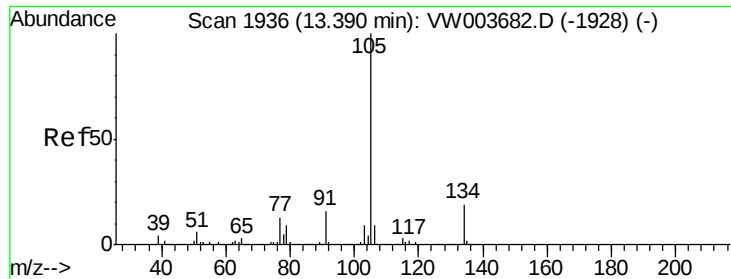
Tgt Ion:119 Resp: 722333
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.8 101.3
 134 26.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 69.670 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion:105 Resp: 877078
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

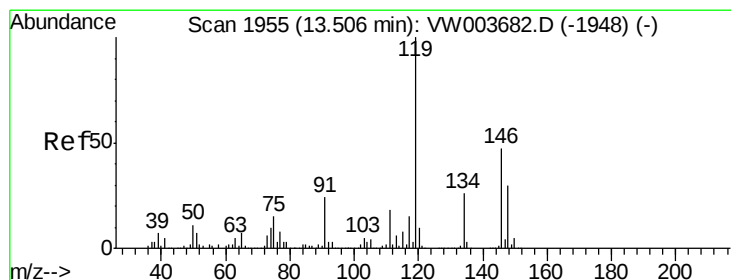
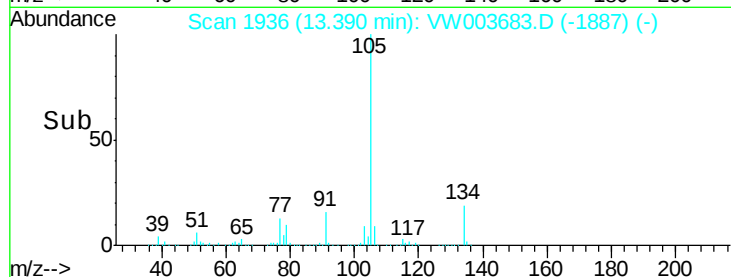
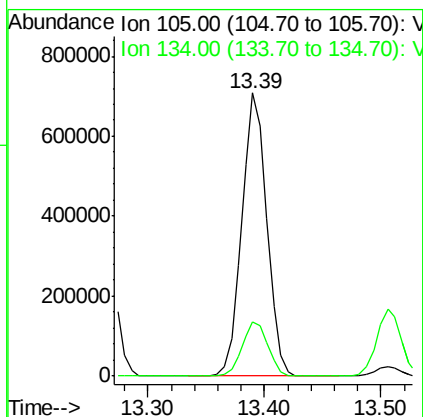
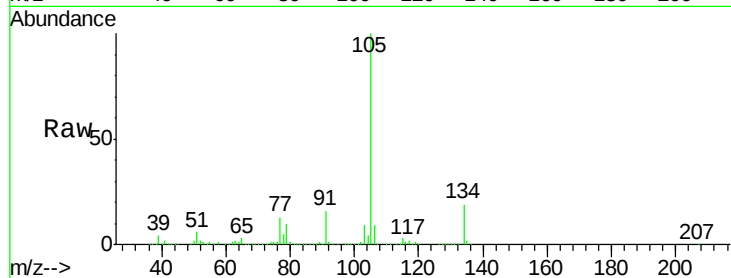




#85
 sec-Butylbenzene
 Concen: 68.647 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

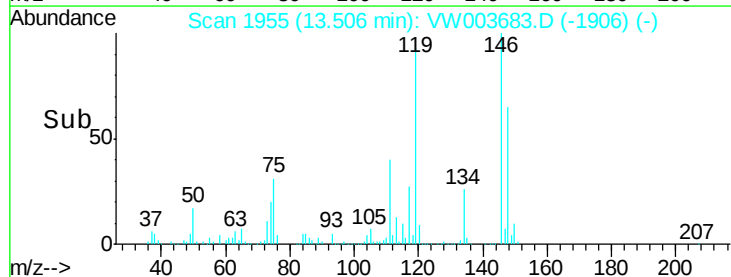
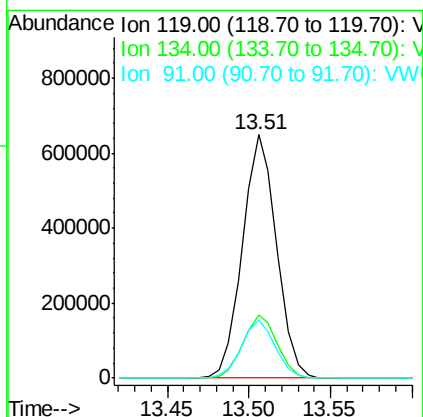
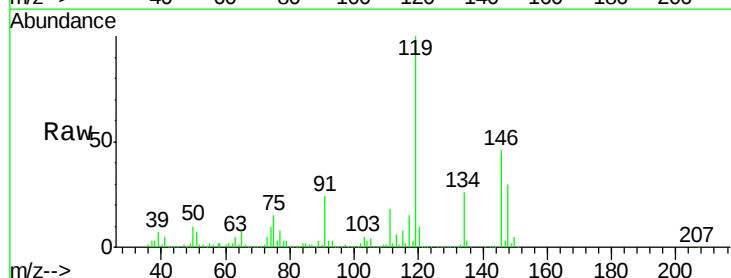
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

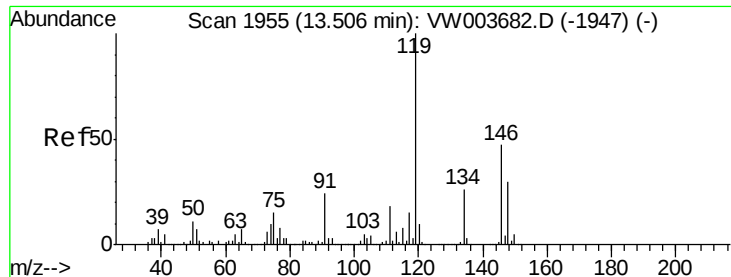
Tgt Ion:105 Resp: 1061622
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 69.358 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion:119 Resp: 943932
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.5 11.8 35.4

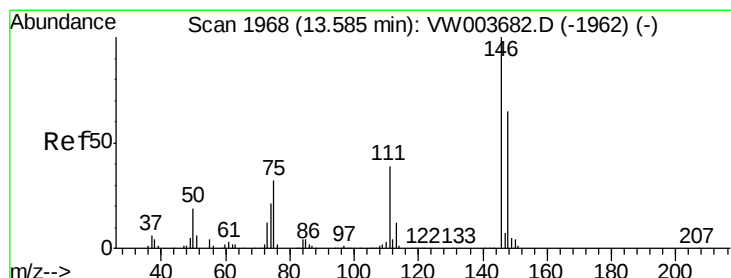
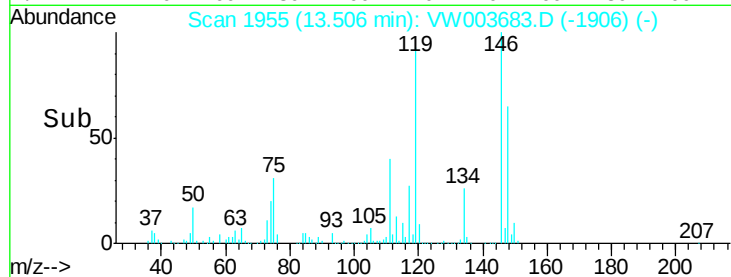
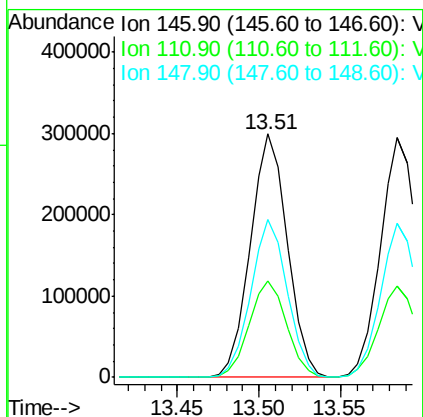
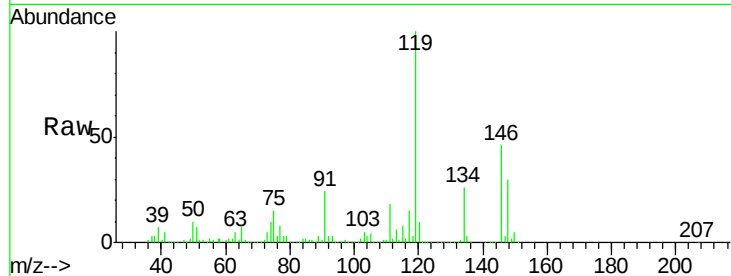




#87
 1,3-Dichlorobenzene
 Concen: 67.898 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

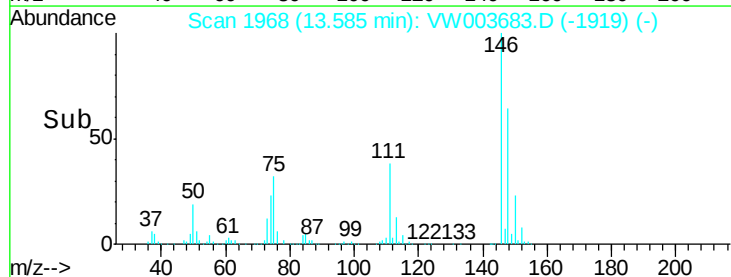
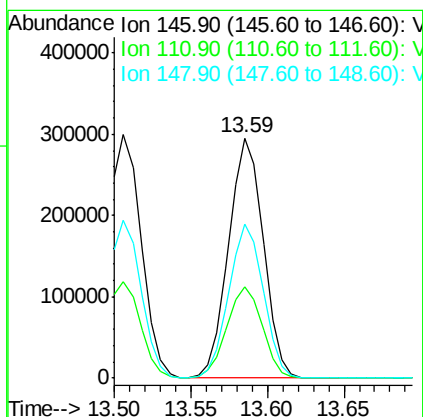
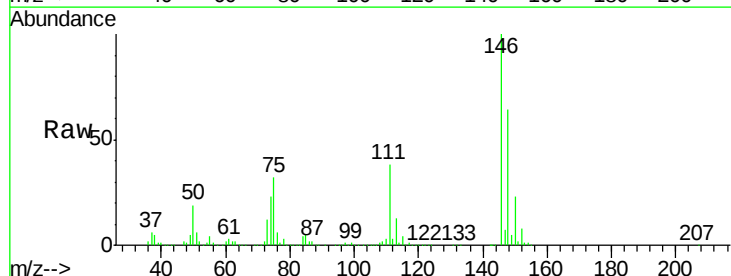
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

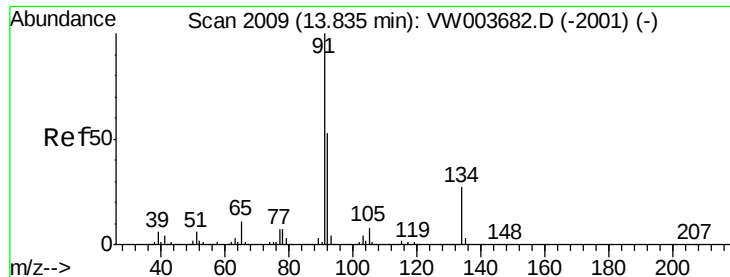
Tgt Ion:146 Resp: 472645
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 67.308 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion:146 Resp: 466085
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 64.1 32.3 96.9





#89

n-Butylbenzene

Concen: 69.718 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003683.D

Acq: 02 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

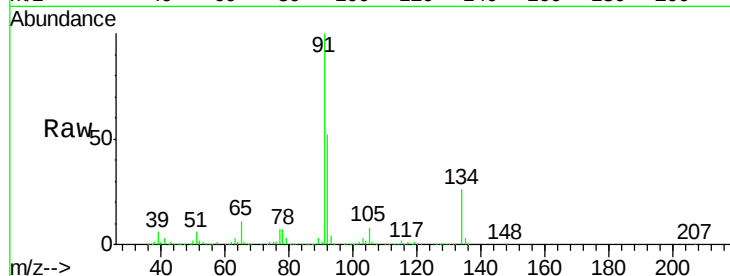
Tgt Ion: 91 Resp: 926903

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

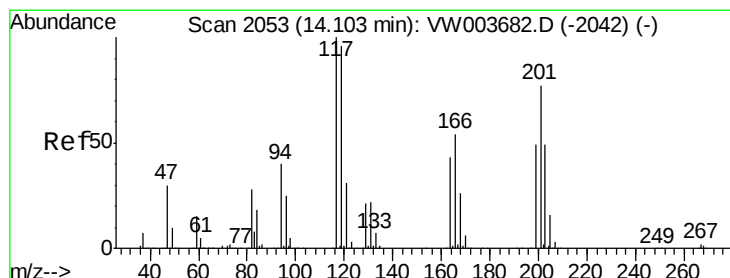
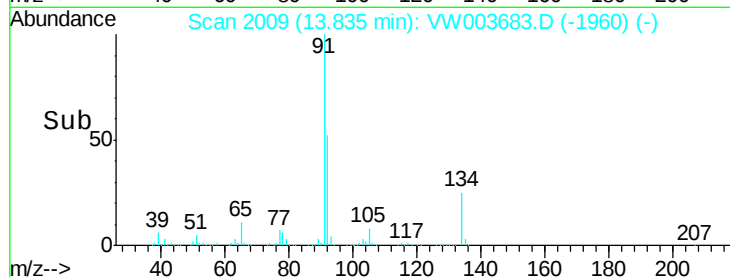
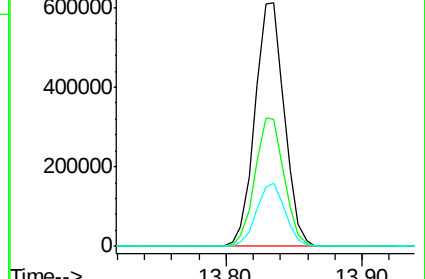
134 25.2 12.7 38.1



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: 68.532 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003683.D

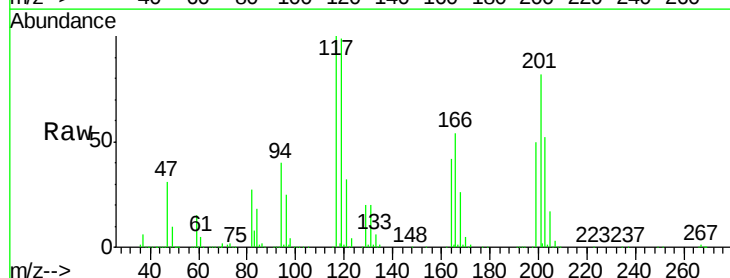
Acq: 02 Jul 2018 18:16

Tgt Ion: 117 Resp: 168969

Ion Ratio Lower Upper

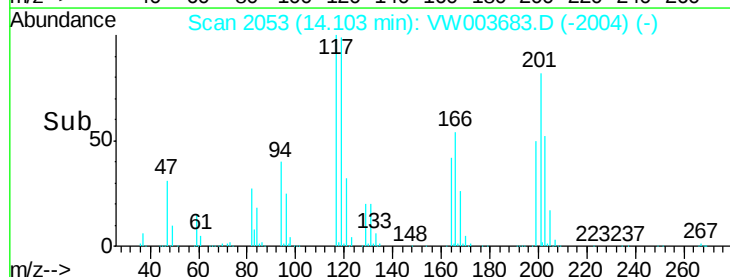
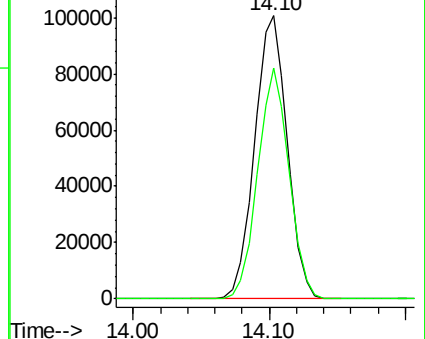
117 100

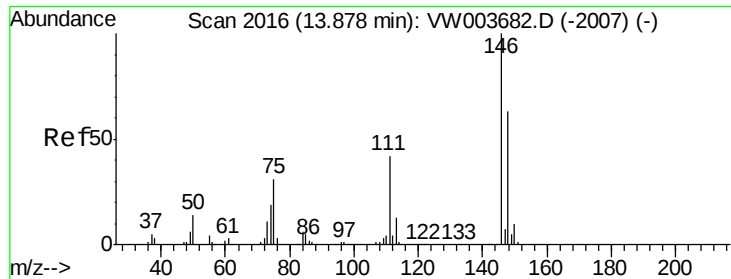
201 78.6 39.1 117.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

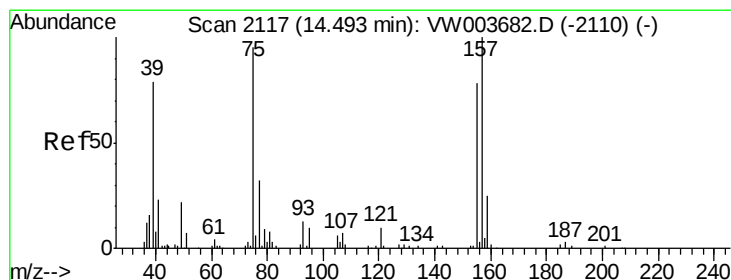
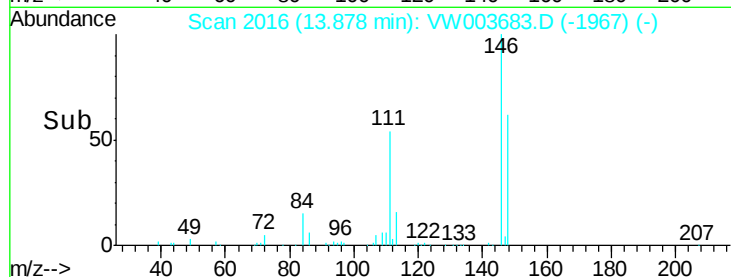
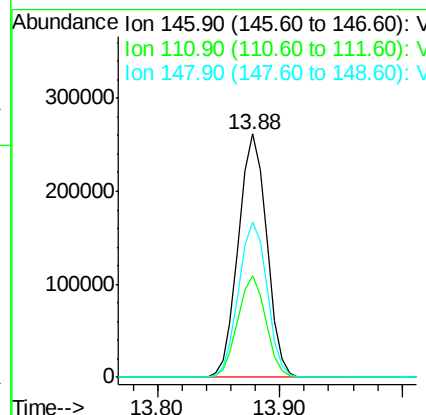
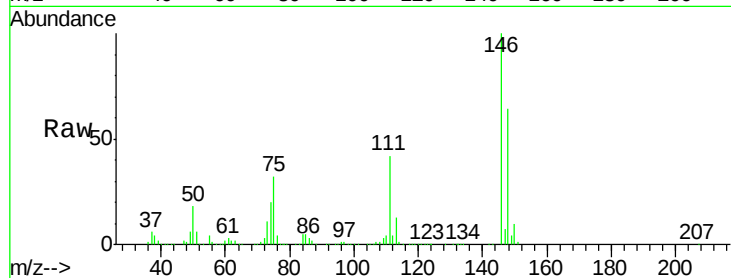




#91
 1,2-Dichlorobenzene
 Concen: 68.627 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

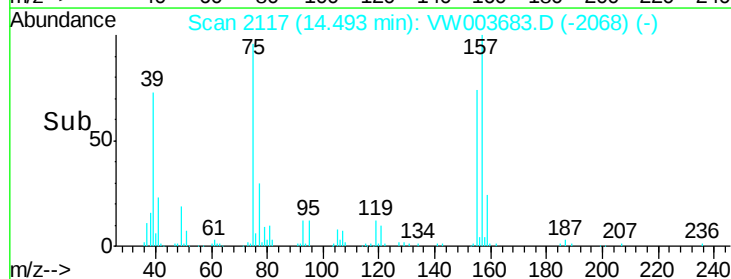
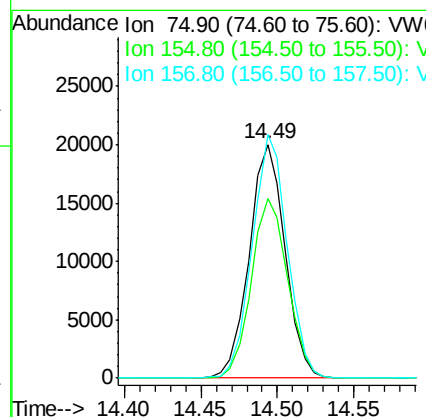
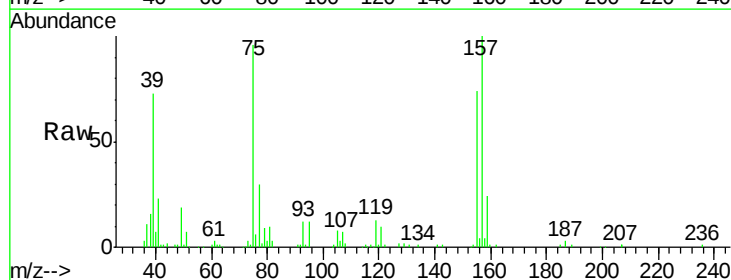
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

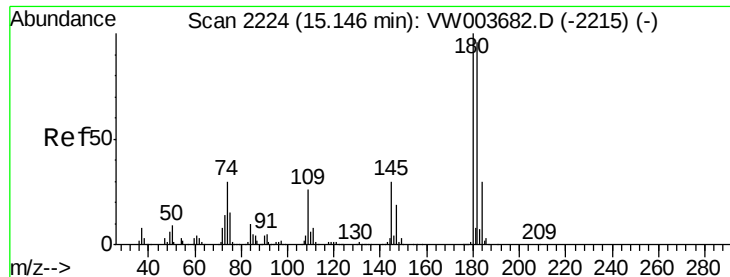
Tgt Ion: 146 Resp: 419276
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 64.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 76.978 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion: 75 Resp: 32548
 Ion Ratio Lower Upper
 75 100
 155 78.4 40.2 120.6
 157 101.9 50.7 152.3

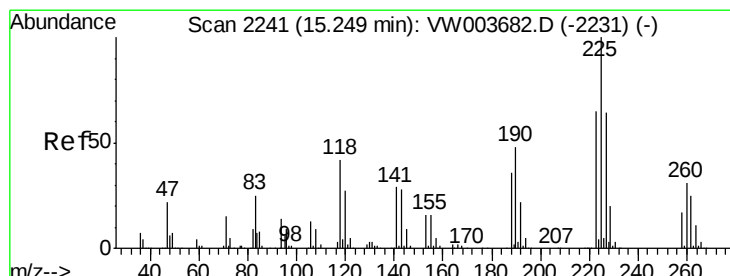
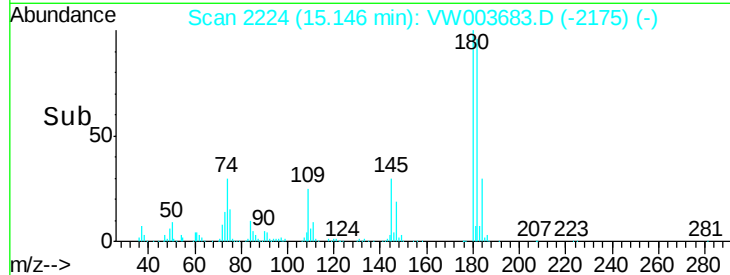
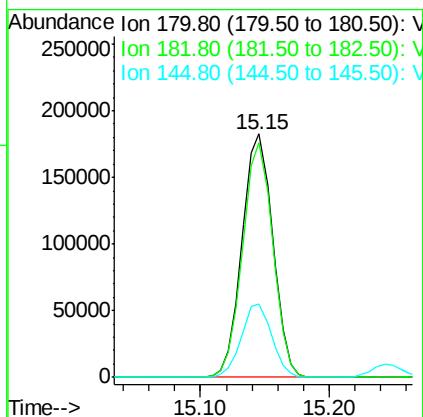
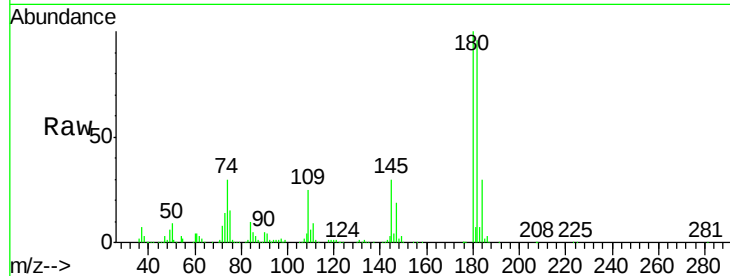




#93
 1,2,4-Trichlorobenzene
 Concen: 70.105 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

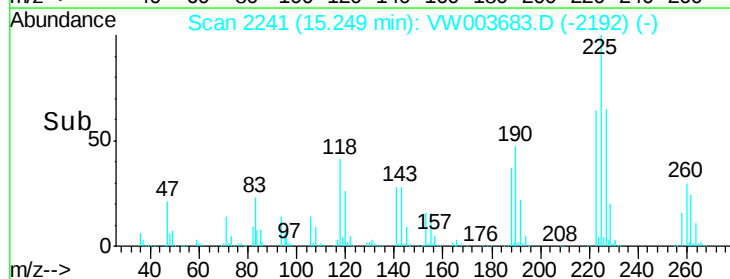
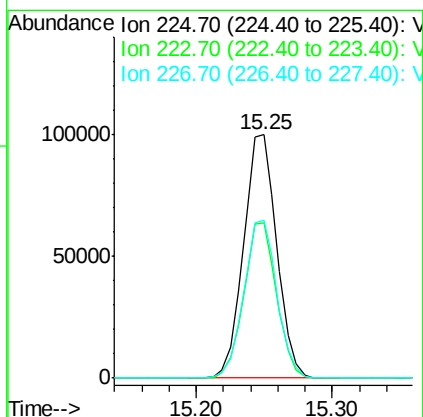
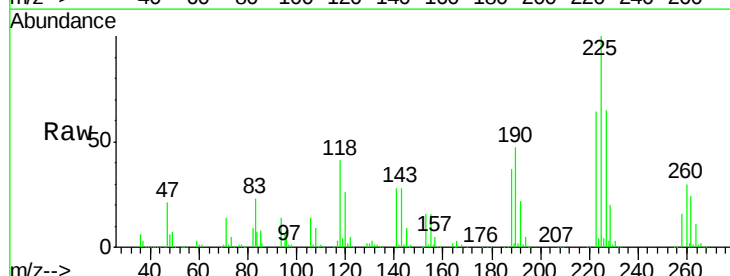
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

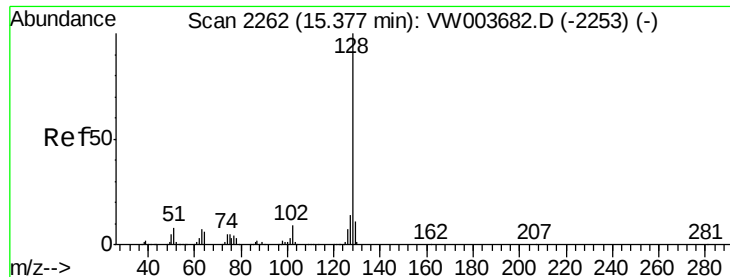
Tgt Ion:180 Resp: 300881
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.8
 145 29.8 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 66.468 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003683.D
 Acq: 02 Jul 2018 18:16

Tgt Ion:225 Resp: 170247
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.0 96.2
 227 64.7 31.9 95.7

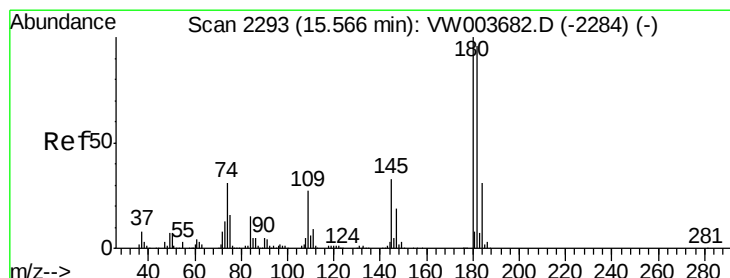
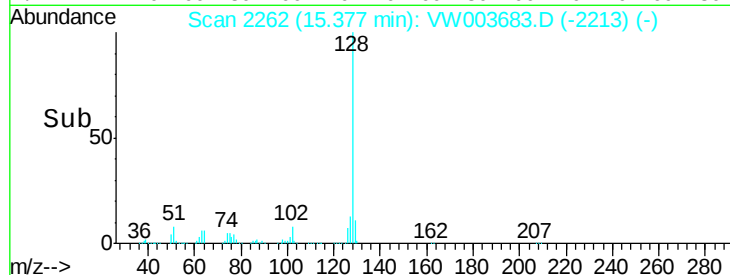
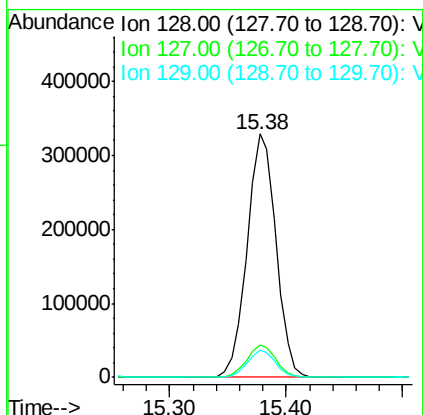
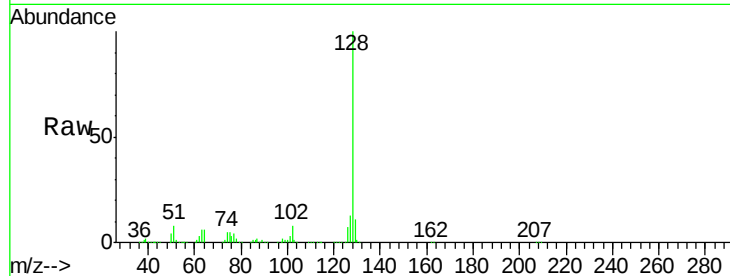




#95
Naphthalene
Concen: 77.337 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 70.052 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003683.D
Acq: 02 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	32.1	15.9	47.7

