

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007175.D
 Acq On : 04 Dec 2018 02:10
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 04 03:49:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	115015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	186953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86788	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119662	106.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.38%	
35) Dibromofluoromethane	7.88	113	115163	109.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.14%	
50) Toluene-d8	10.33	98	463489	100.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.06%	
62) 4-Bromofluorobenzene	12.62	95	174716	96.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	104356	92.967	ug/l	100
3) Chloromethane	2.21	50	156944	150.150	ug/l	99
4) Vinyl Chloride	2.35	62	88948	96.917	ug/l	99
5) Bromomethane	2.73	94	38531	82.256	ug/l	98
6) Chloroethane	2.89	64	52904	104.395	ug/l	95
7) Trichlorofluoromethane	3.24	101	184363	101.399	ug/l	96
8) Diethyl Ether	3.68	74	60983	103.614	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113500	96.525	ug/l	99
10) Methyl Iodide	4.26	142	90089	73.439	ug/l	99
11) Tert butyl alcohol	5.17	59	53827	687.132	ug/l	97
12) 1,1-Dichloroethene	4.03	96	108366	104.319	ug/l	98
13) Acrolein	3.89	56	41468	546.262	ug/l	99
14) Allyl chloride	4.67	41	181652	105.260	ug/l	99
15) Acrylonitrile	5.37	53	128557	576.796	ug/l	99
16) Acetone	4.12	43	111898	658.006	ug/l	99
17) Carbon Disulfide	4.37	76	369634	108.988	ug/l	98
18) Methyl Acetate	4.67	43	66720	113.696	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	288455	106.875	ug/l	98
20) Methylene Chloride	4.91	84	126504	78.381	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	127266	104.904	ug/l	97
22) Diisopropyl ether	6.31	45	331414	99.112	ug/l	93
23) Vinyl Acetate	6.26	43	953294	537.825	ug/l	97
24) 1,1-Dichloroethane	6.21	63	212815	104.320	ug/l	99
25) 2-Butanone	7.17	43	158265	565.042	ug/l	99
26) 2,2-Dichloropropane	7.17	77	177545	97.204	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	139566	107.710	ug/l	99
28) Bromochloromethane	7.51	49	80571	106.009	ug/l	100
29) Tetrahydrofuran	7.52	42	105118	580.478	ug/l	99
30) Chloroform	7.68	83	226189	104.261	ug/l	96
31) Cyclohexane	7.95	56	184635	86.541	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	198583	101.772	ug/l	99
36) 1,1-Dichloropropene	8.08	75	168572	93.617	ug/l	100
37) Ethyl Acetate	7.25	43	69755	105.731	ug/l	99
38) Carbon Tetrachloride	8.07	117	172760	99.670	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	213548	94.673	ug/l	94
40) Benzene	8.32	78	486516	99.438	ug/l	98
41) Methacrylonitrile	7.48	41	42111	101.805	ug/l	91
42) 1,2-Dichloroethane	8.40	62	145577	102.572	ug/l	100
43) Isopropyl Acetate	8.43	43	139045	109.991	ug/l	98
44) Trichloroethene	9.09	130	133880	97.555	ug/l	99
45) 1,2-Dichloropropane	9.37	63	116799	97.379	ug/l	98
46) Dibromomethane	9.46	93	64790	106.492	ug/l	98
47) Bromodichloromethane	9.65	83	162001	101.593	ug/l	99
48) Methyl methacrylate	9.44	41	69470	114.382	ug/l	97
49) 1,4-Dioxane	9.45	88	21778	2351.775	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	336929	530.411	ug/l	100
52) Toluene	10.39	92	334470	100.455	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	166437	107.471	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	189518	102.134	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90938	102.200	ug/l	98
56) Ethyl methacrylate	10.65	69	120770	115.237	ug/l	100
57) 1,3-Dichloropropane	10.93	76	153700	103.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	235258	443.636	ug/l	98
59) 2-Hexanone	10.97	43	234246	540.146	ug/l	97
60) Dibromochloromethane	11.13	129	111661	109.293	ug/l	98
61) 1,2-Dibromoethane	11.24	107	90518	110.147	ug/l	98
64) Tetrachloroethene	10.87	164	122986	109.802	ug/l	94
65) Chlorobenzene	11.66	112	372291	103.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	120569	109.610	ug/l	99
67) Ethyl Benzene	11.73	91	660187	100.332	ug/l	100
68) m/p-Xylenes	11.84	106	517794	200.430	ug/l	98
69) o-Xylene	12.17	106	241457	99.184	ug/l	94
70) Styrene	12.18	104	398428	102.496	ug/l	99
71) Bromoform	12.35	173	63032	120.488	ug/l #	97
73) Isopropylbenzene	12.47	105	648526	97.294	ug/l	98
74) N-amyl acetate	12.27	43	125806	110.562	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	95617	106.337	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	134117	190.628	ug/l #	1
77) Bromobenzene	12.75	156	146484	102.056	ug/l	96
78) n-propylbenzene	12.81	91	767700	95.310	ug/l	100
79) 2-Chlorotoluene	12.90	91	463903	99.705	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	576488	100.023	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	30650	111.839	ug/l	96
82) 4-Chlorotoluene	12.99	91	478982	98.221	ug/l	100
83) tert-Butylbenzene	13.21	119	481721	96.381	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	583975	101.571	ug/l	97
85) sec-Butylbenzene	13.39	105	670227	95.223	ug/l	96
86) p-Isopropyltoluene	13.51	119	600116	96.527	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	285912	97.816	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	300897	102.689	ug/l	97
89) n-Butylbenzene	13.83	91	568284	97.305	ug/l	97
90) Hexachloroethane	14.10	117	96582	105.088	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	258766	100.667	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17986	116.367	ug/l	99

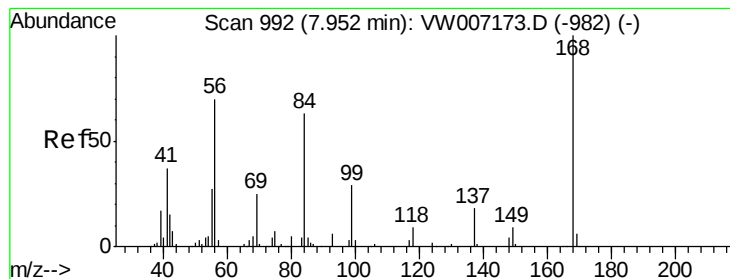
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182449	106.876	ug/l	97
94) Hexachlorobutadiene	15.24	225	90198	98.537	ug/l	99
95) Naphthalene	15.38	128	335109	107.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	153601	108.484	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

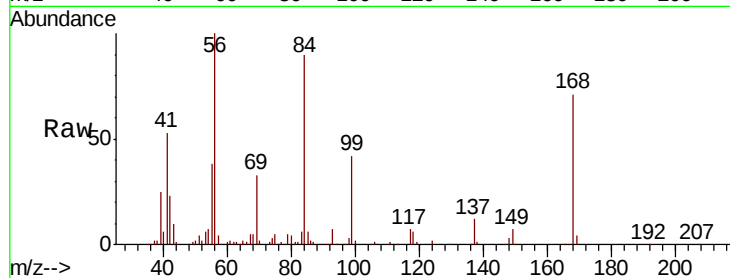
VSTDIC100

Tgt Ion:168 Resp: 115015

Ion Ratio Lower Upper

168 100

99 58.7 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

20000

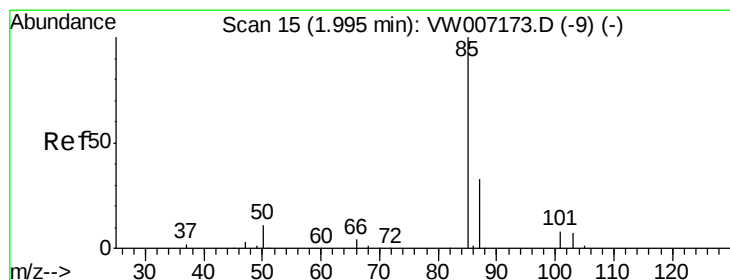
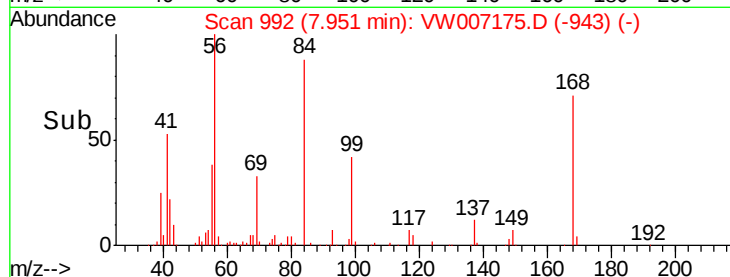
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 92.967 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW007175.D

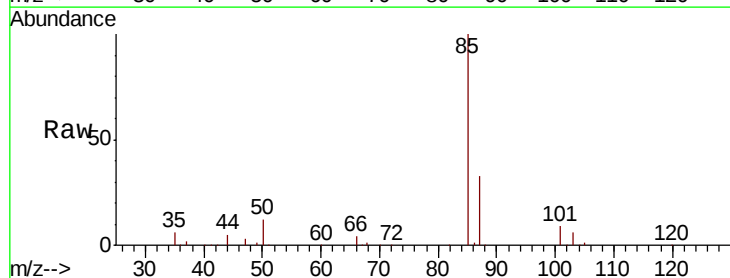
Acq: 04 Dec 2018 02:10

Tgt Ion: 85 Resp: 104356

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

60000

40000

20000

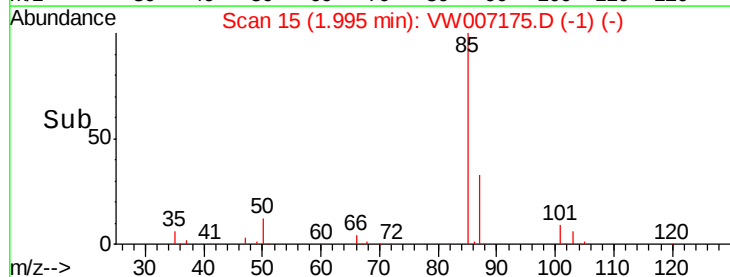
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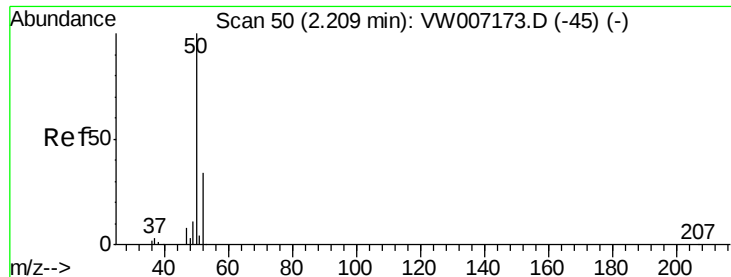
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 150.150 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

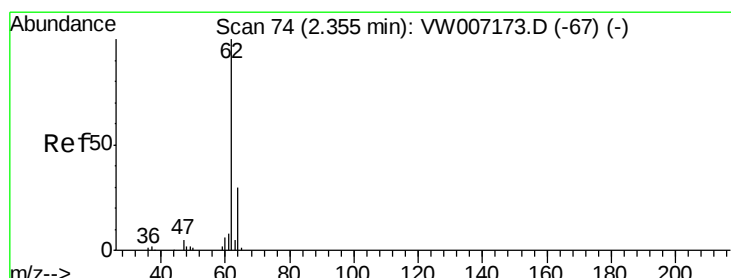
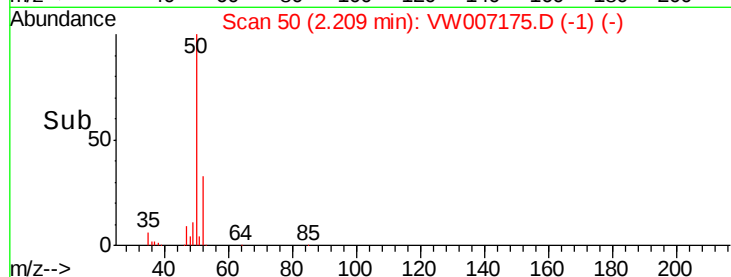
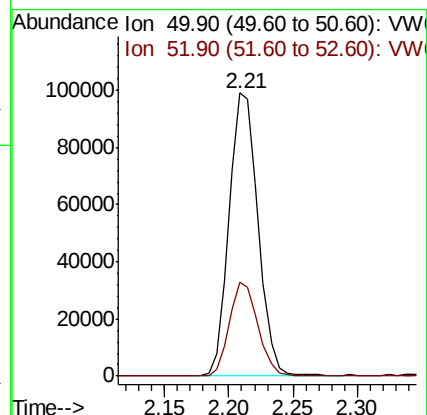
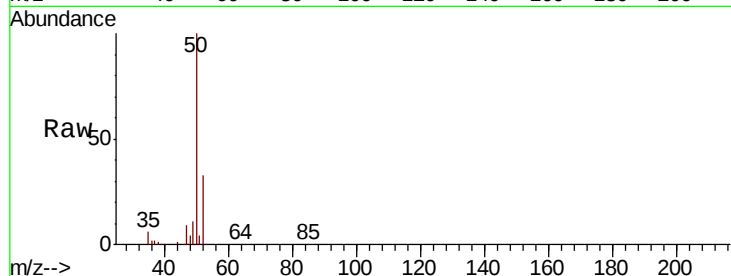
VSTDIC100

Tgt Ion: 50 Resp: 156944

Ion Ratio Lower Upper

50 100

52 33.0 26.9 40.3



#4

Vinyl Chloride

Concen: 96.917 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW007175.D

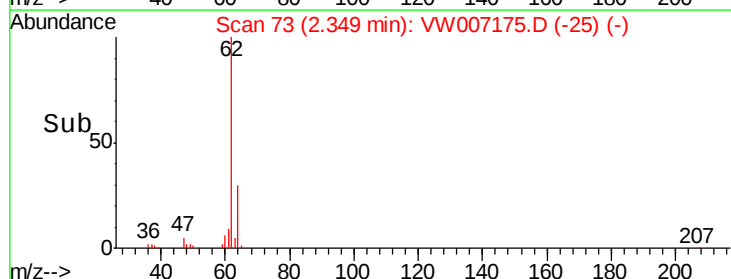
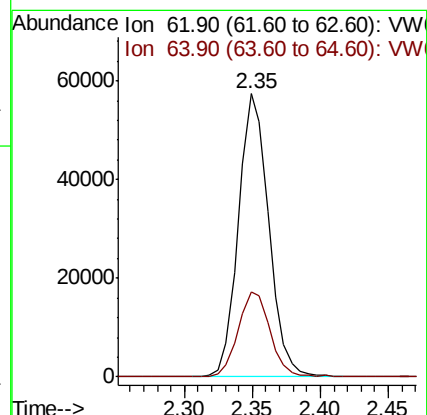
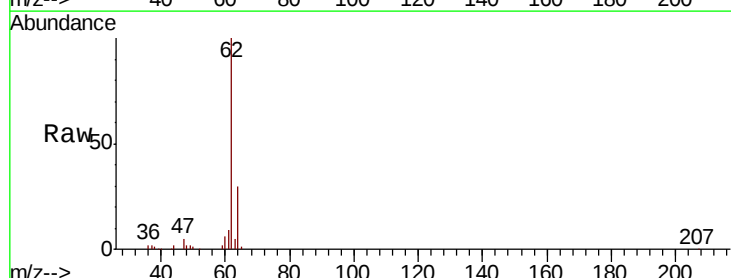
Acq: 04 Dec 2018 02:10

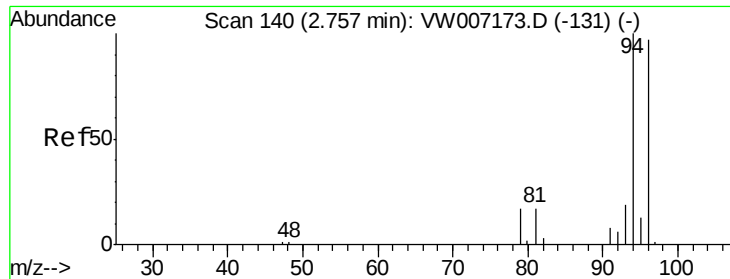
Tgt Ion: 62 Resp: 88948

Ion Ratio Lower Upper

62 100

64 29.8 24.3 36.5





#5

Bromomethane

Concen: 82.256 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.02 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

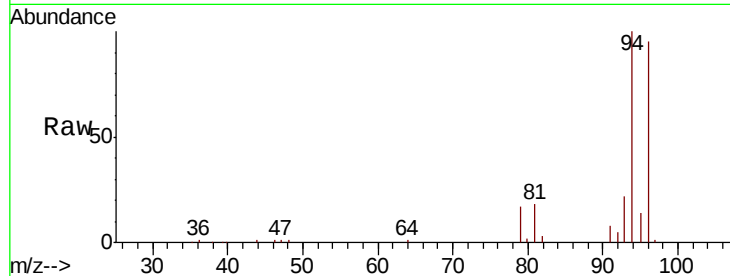
VSTDIC100

Tgt Ion: 94 Resp: 38531

Ion Ratio Lower Upper

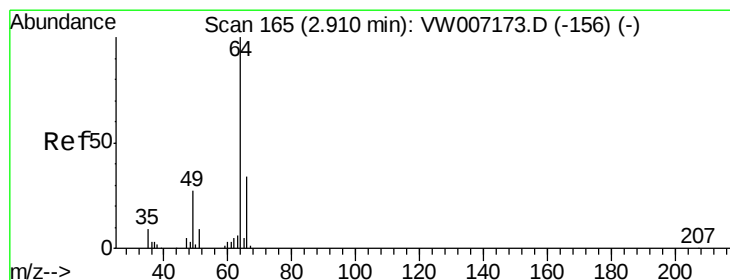
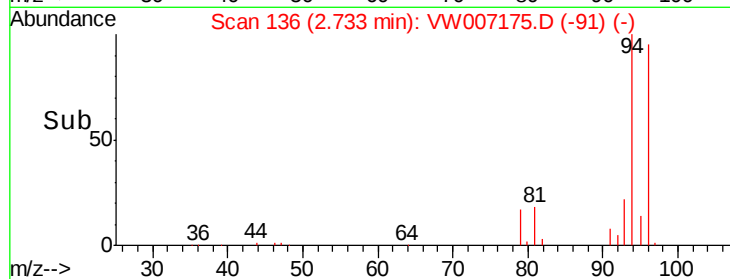
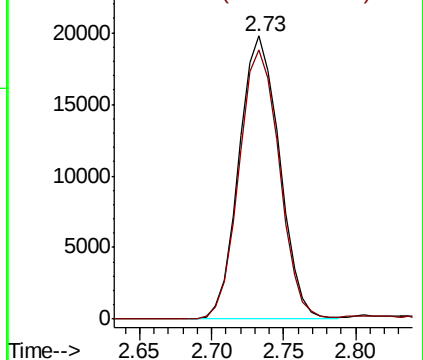
94 100

96 95.2 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 104.395 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW007175.D

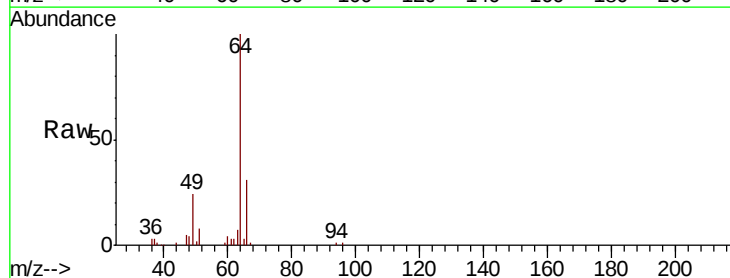
Acq: 04 Dec 2018 02:10

Tgt Ion: 64 Resp: 52904

Ion Ratio Lower Upper

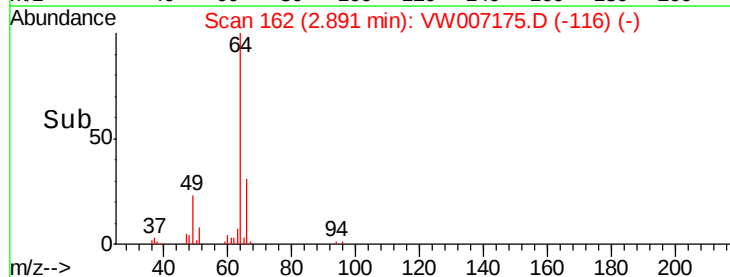
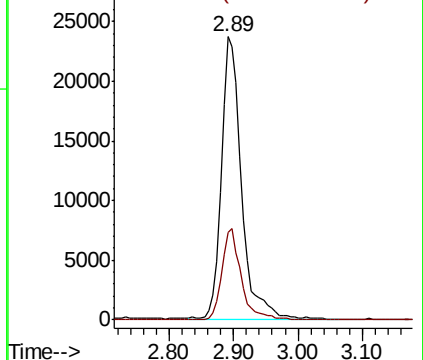
64 100

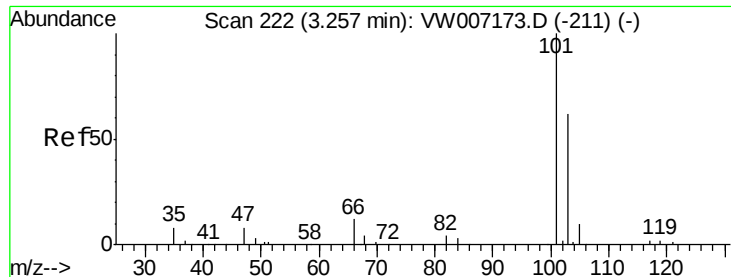
66 31.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



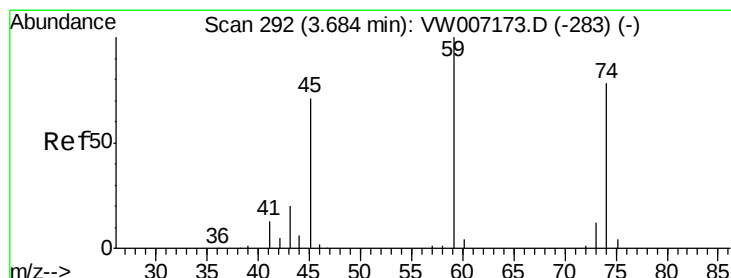
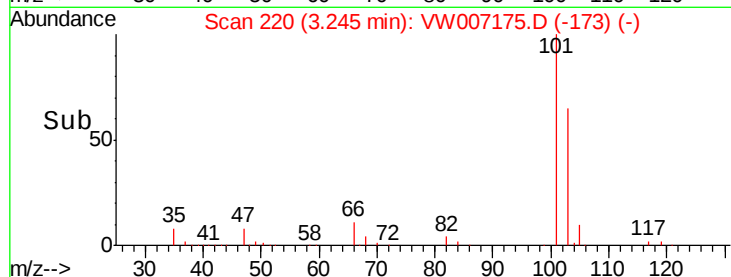
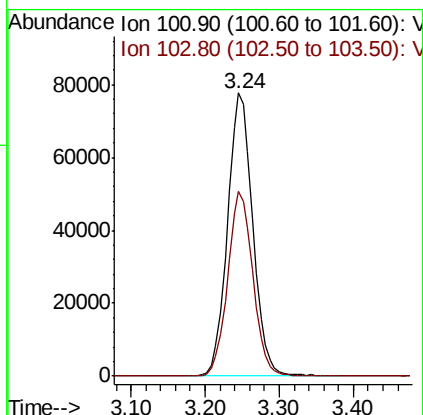
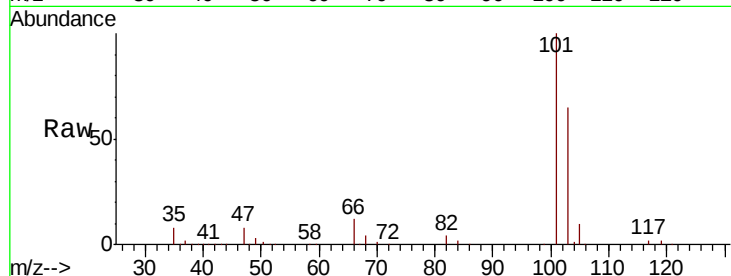


#7

Trichlorofluoromethane
 Concen: 101.399 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

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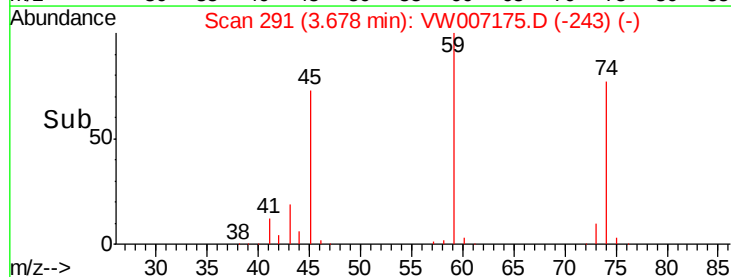
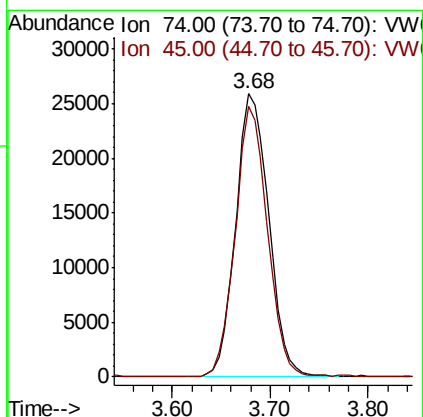
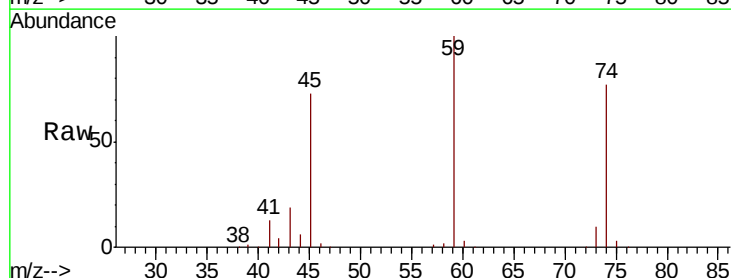
Tgt Ion: 101 Resp: 184363
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.6 74.4

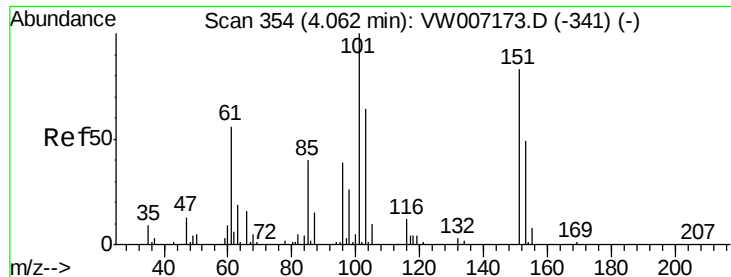


#8

Diethyl Ether
 Concen: 103.614 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion: 74 Resp: 60983
 Ion Ratio Lower Upper
 74 100
 45 92.8 45.6 136.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.525 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

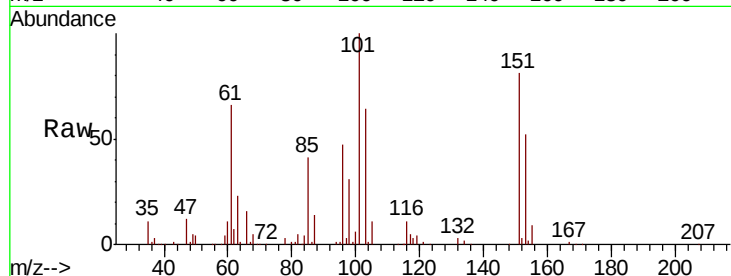
Tgt Ion:101 Resp: 113500

Ion Ratio Lower Upper

101 100

85 41.7 34.2 51.2

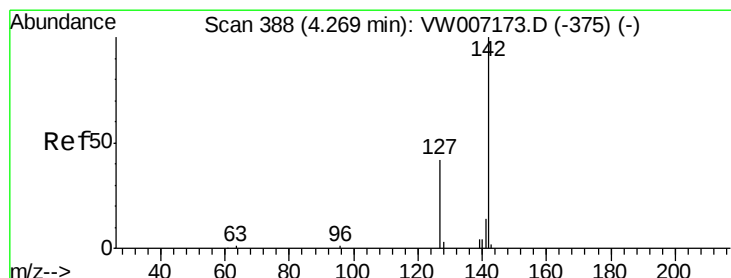
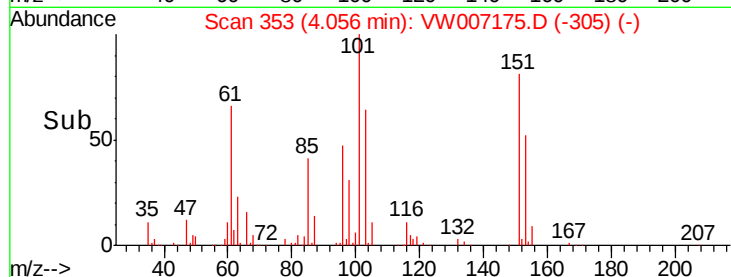
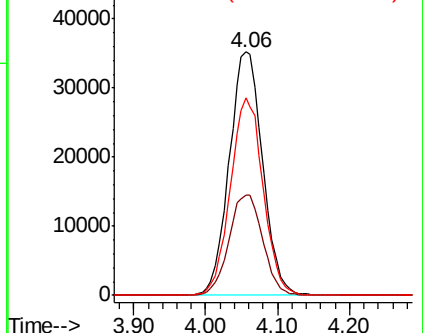
151 79.4 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 73.439 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

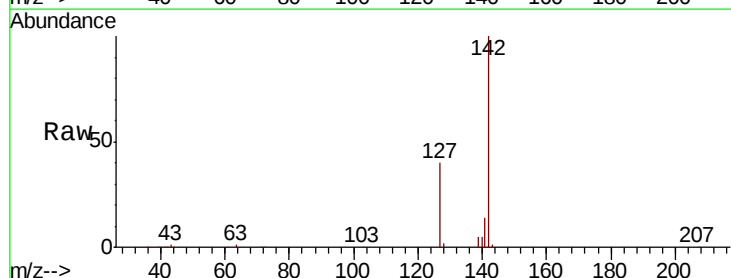
Tgt Ion:142 Resp: 90089

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.8

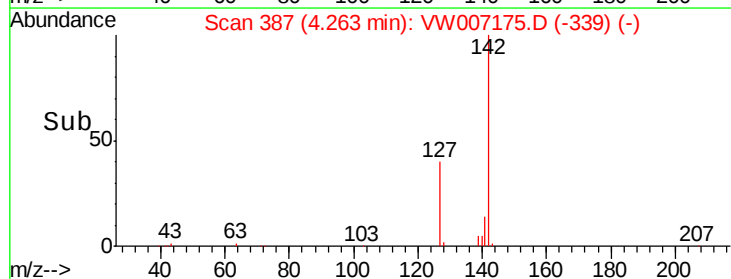
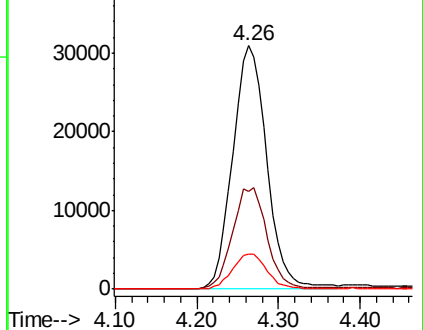
141 14.6 11.7 17.5

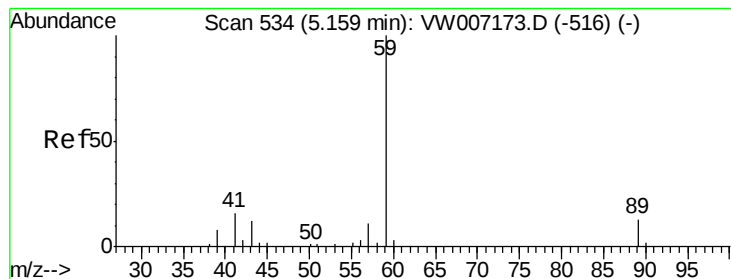


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



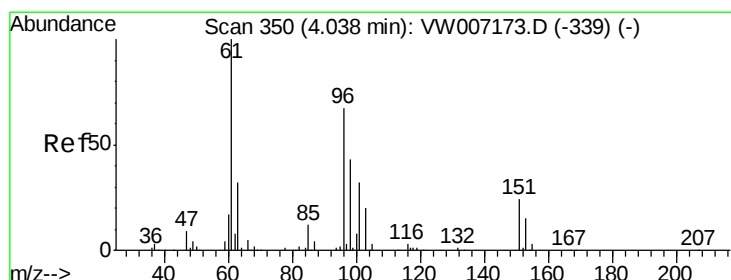
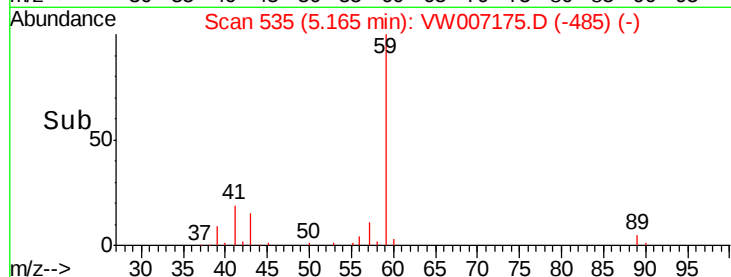
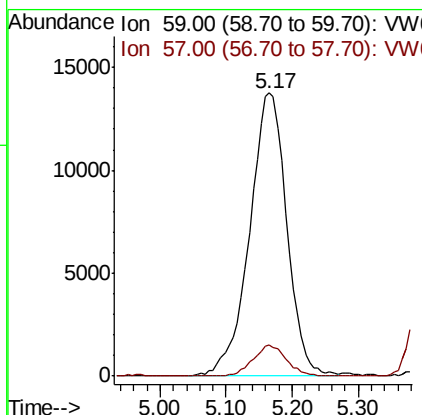
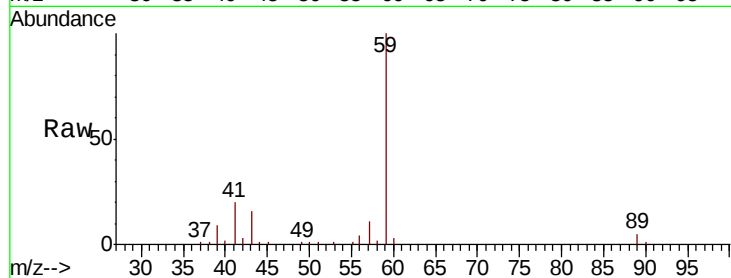


#11

Tert butyl alcohol
 Concen: 687.132 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

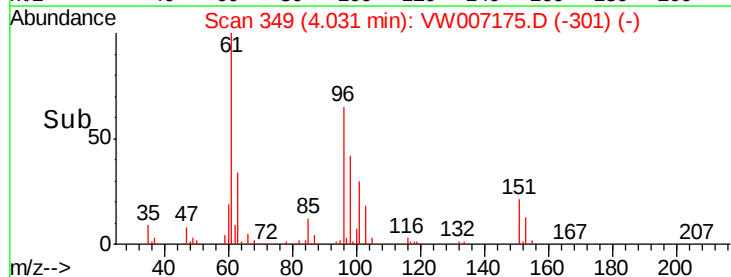
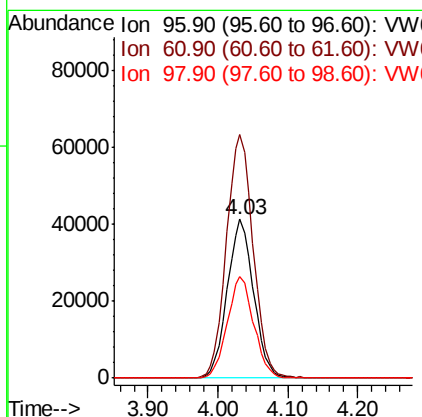
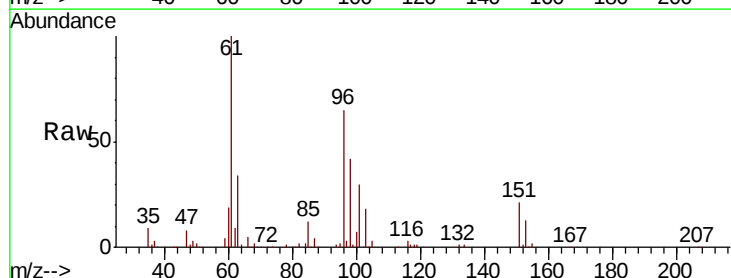
Tgt Ion: 59 Resp: 53827
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.0 10.4

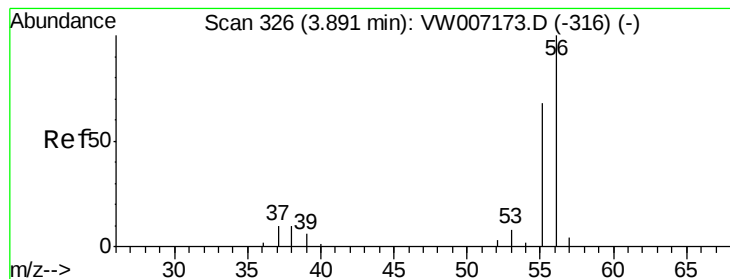


#12

1,1-Dichloroethene
 Concen: 104.319 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion: 96 Resp: 108366
 Ion Ratio Lower Upper
 96 100
 61 153.4 119.4 179.2
 98 63.7 51.0 76.6





#13

Acrolein

Concen: 546.262 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

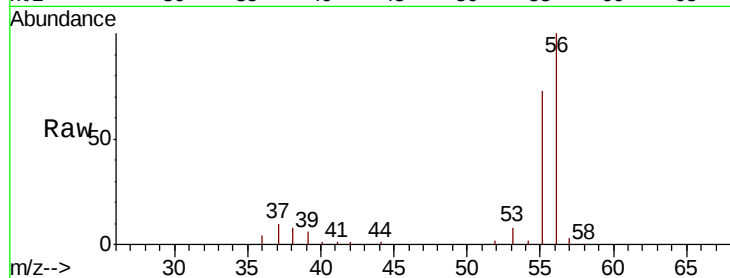
VSTDIC100

Tgt Ion: 56 Resp: 41468

Ion Ratio Lower Upper

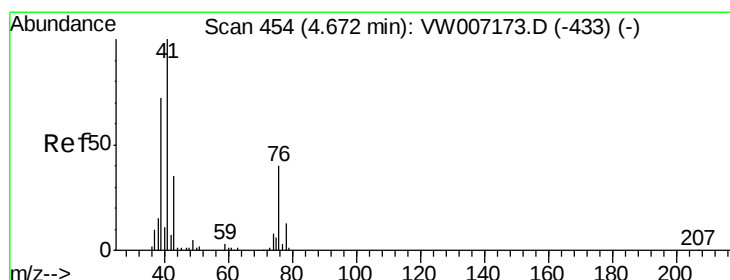
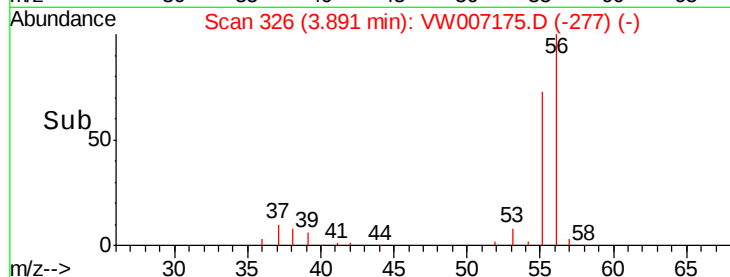
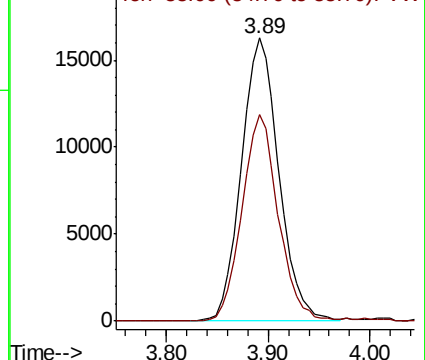
56 100

55 70.4 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 105.260 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

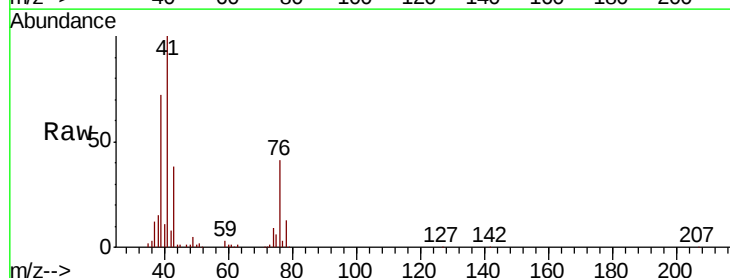
Tgt Ion: 41 Resp: 181652

Ion Ratio Lower Upper

41 100

39 69.5 55.1 82.7

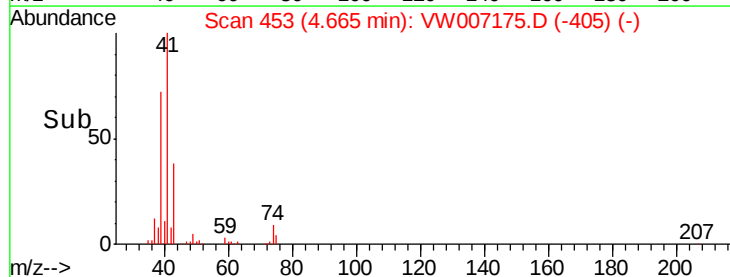
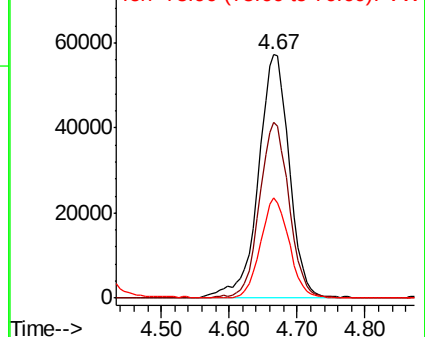
76 37.6 29.7 44.5

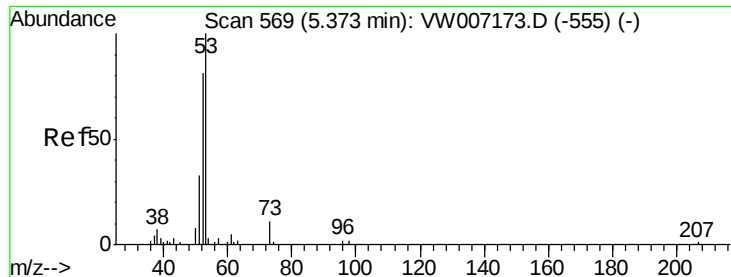


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 576.796 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

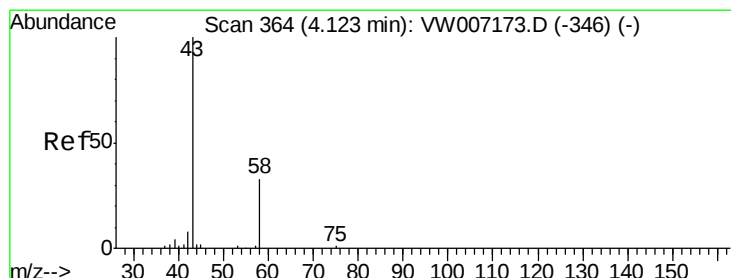
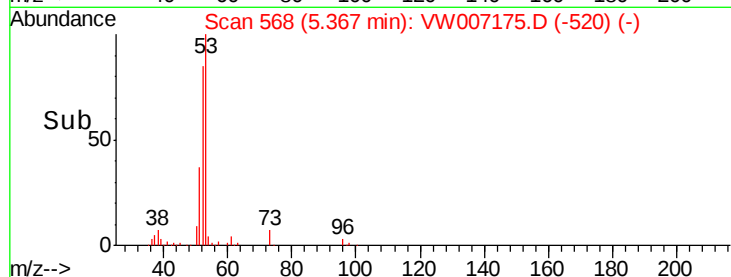
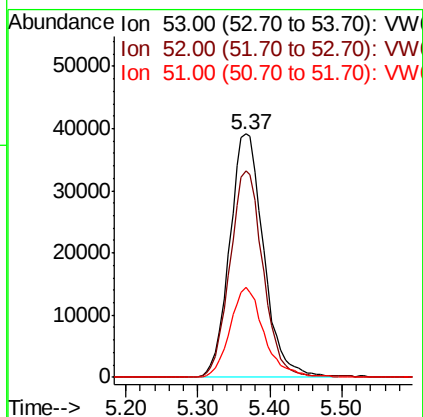
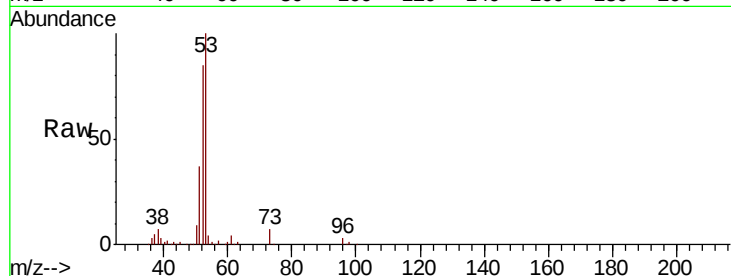
Tgt Ion: 53 Resp: 128557

Ion Ratio Lower Upper

53 100

52 82.7 65.2 97.8

51 37.0 29.2 43.8



#16

Acetone

Concen: 658.006 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007175.D

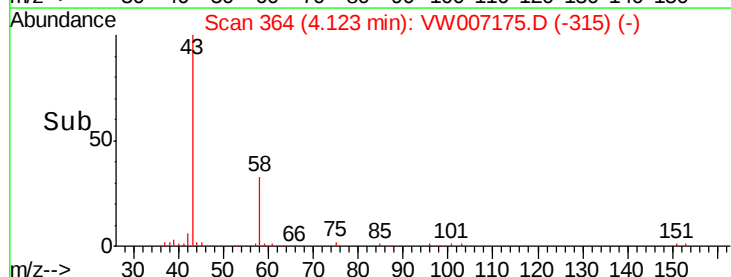
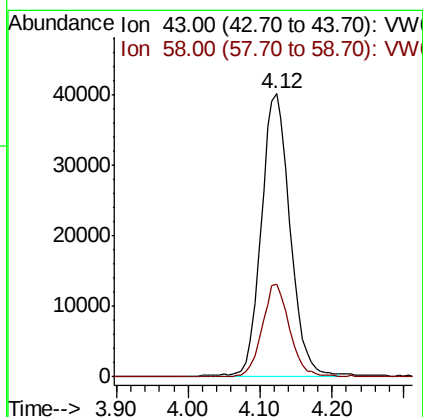
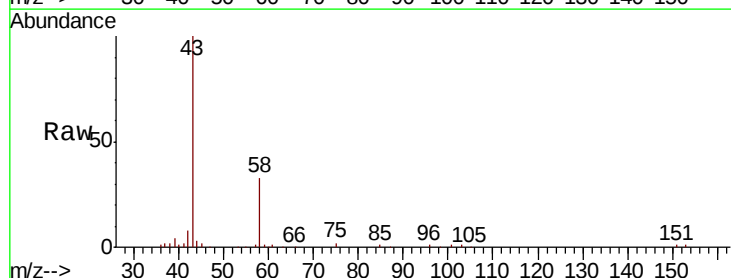
Acq: 04 Dec 2018 02:10

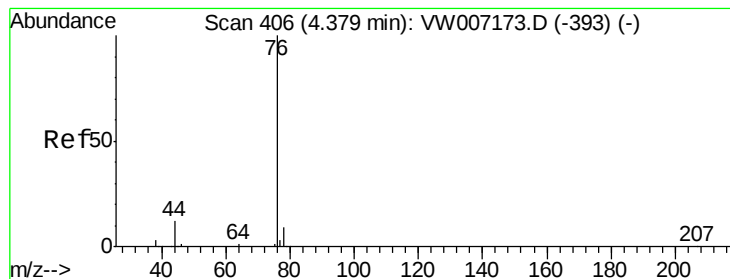
Tgt Ion: 43 Resp: 111898

Ion Ratio Lower Upper

43 100

58 32.3 26.5 39.7





#17

Carbon Disulfide

Concen: 108.988 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

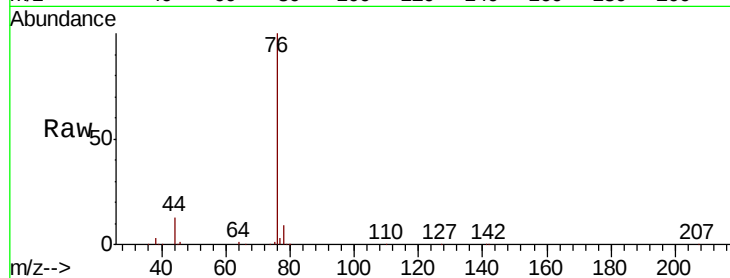
VSTDIC100

Tgt Ion: 76 Resp: 369634

Ion Ratio Lower Upper

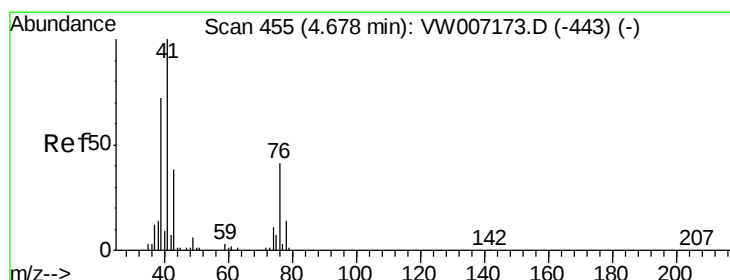
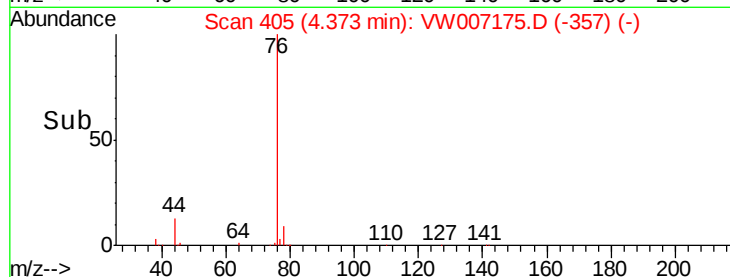
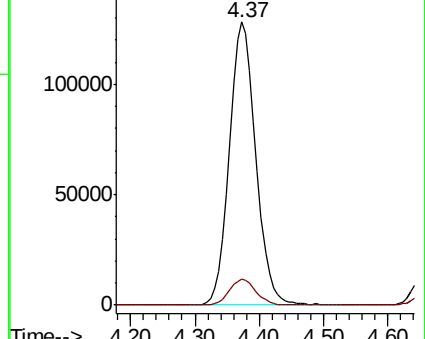
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 113.696 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007175.D

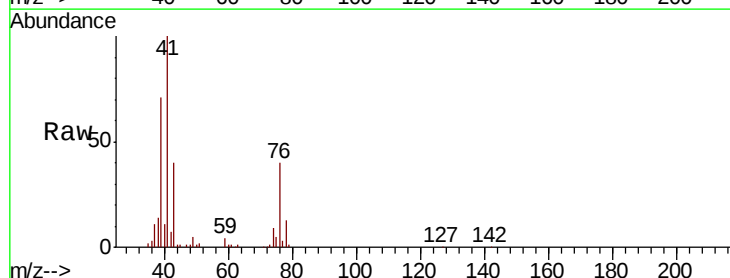
Acq: 04 Dec 2018 02:10

Tgt Ion: 43 Resp: 66720

Ion Ratio Lower Upper

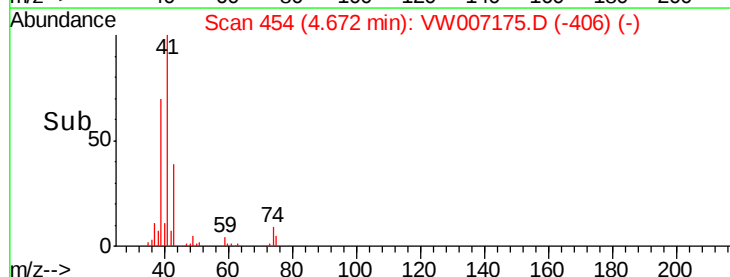
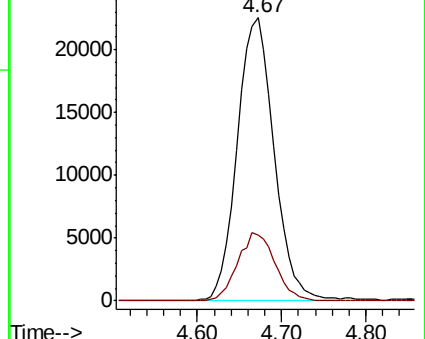
43 100

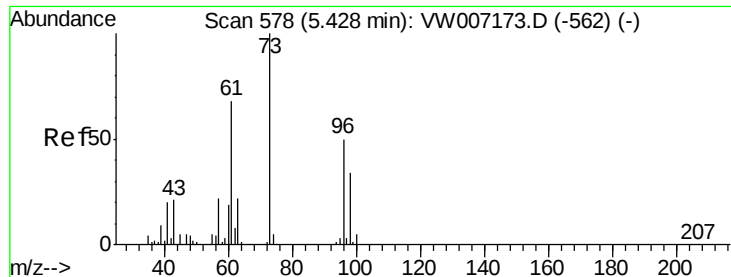
74 24.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

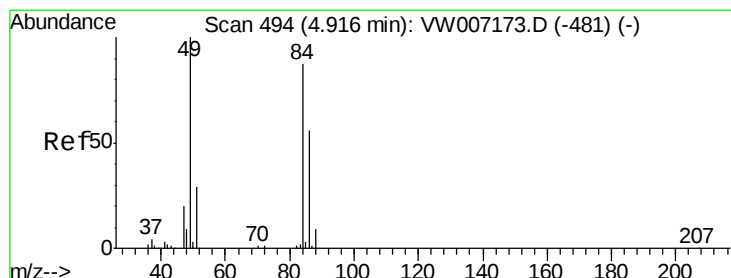
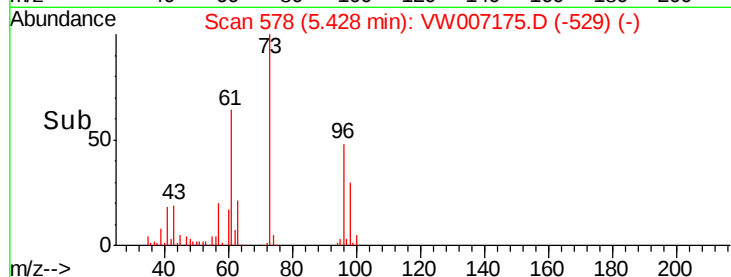
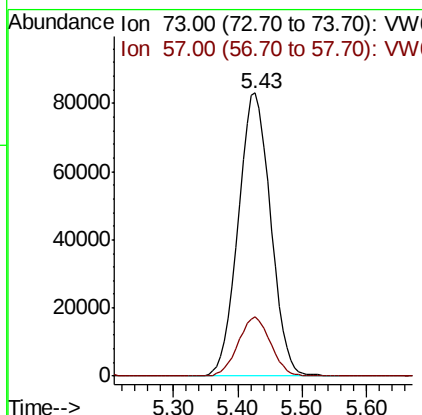
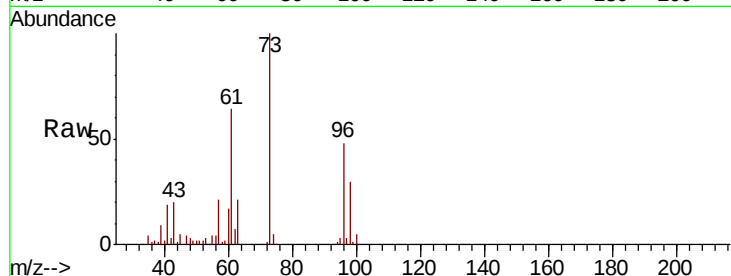




#19
Methyl tert-butyl Ether
Concen: 106.875 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

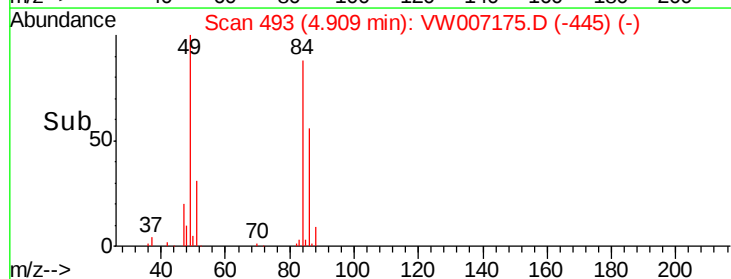
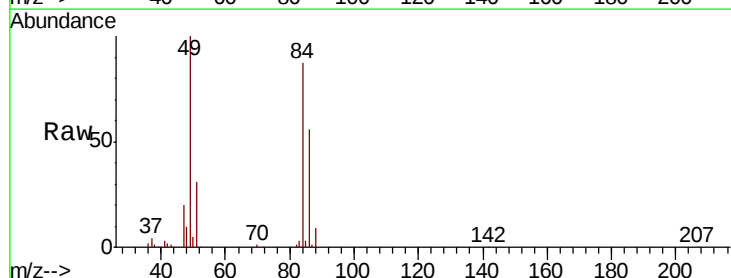
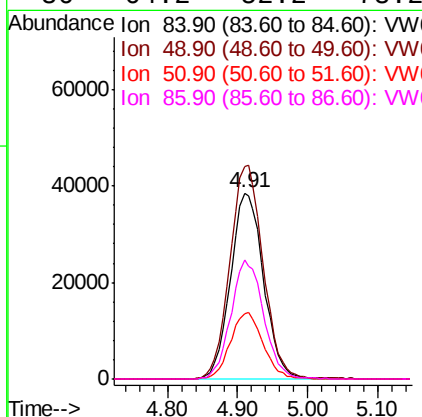
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

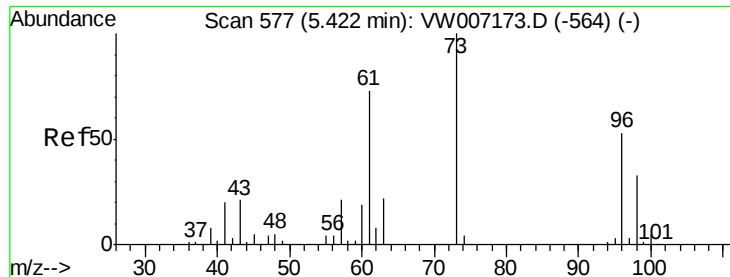
Tgt Ion: 73 Resp: 288455
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 78.381 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 84 Resp: 126504
Ion Ratio Lower Upper
84 100
49 114.6 92.5 138.7
51 35.4 27.1 40.7
86 64.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 104.904 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

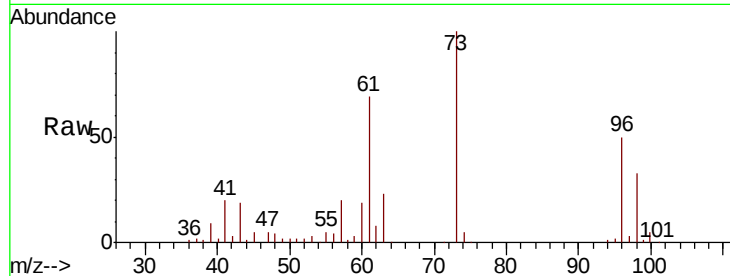
Tgt Ion: 96 Resp: 127266

Ion Ratio Lower Upper

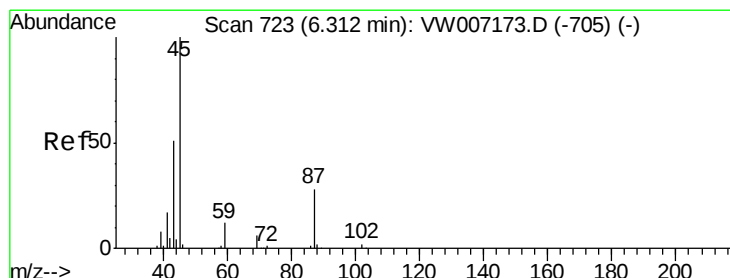
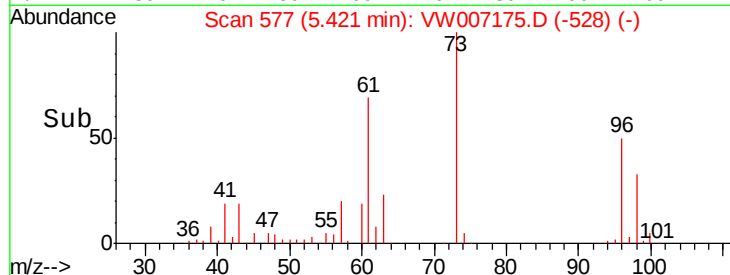
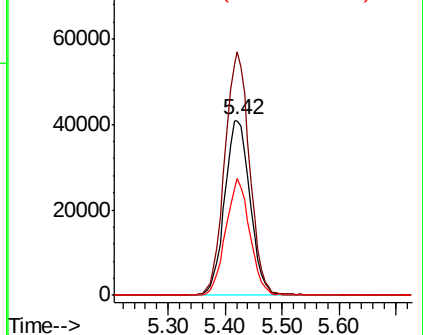
96 100

61 139.3 109.8 164.8

98 66.9 50.0 75.0



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



#22

Diisopropyl ether

Concen: 99.112 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Tgt Ion: 45 Resp: 331414

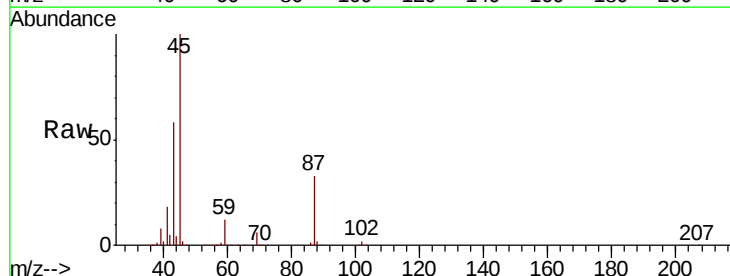
Ion Ratio Lower Upper

45 100

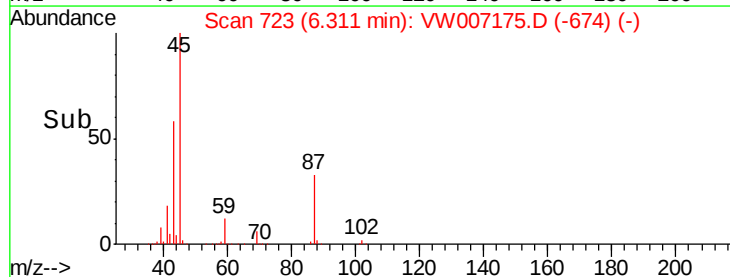
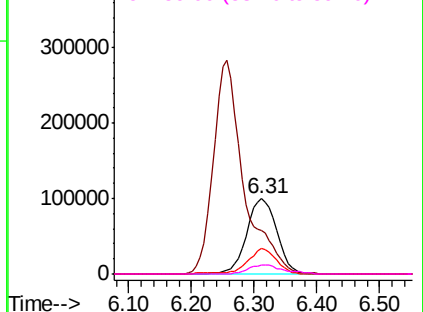
43 57.6 42.2 63.4

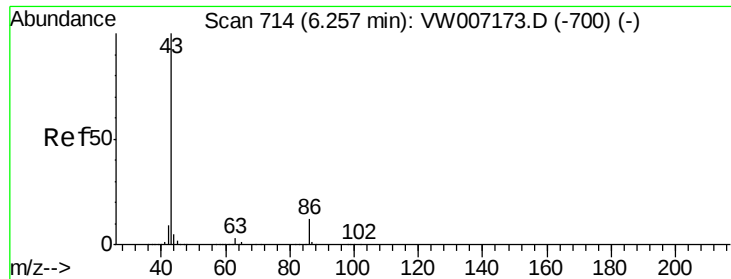
87 33.4 22.8 34.2

59 11.7 9.5 14.3



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

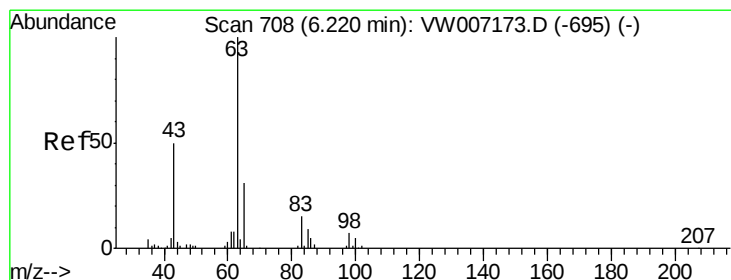
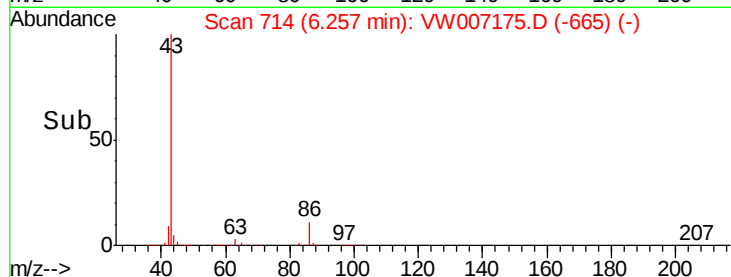
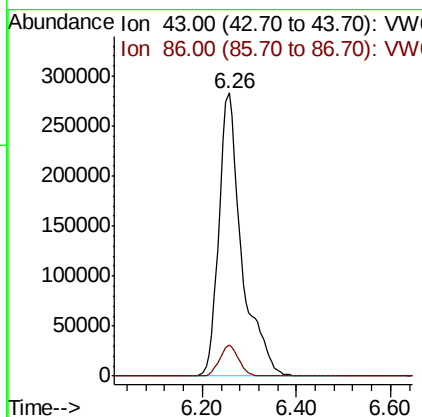
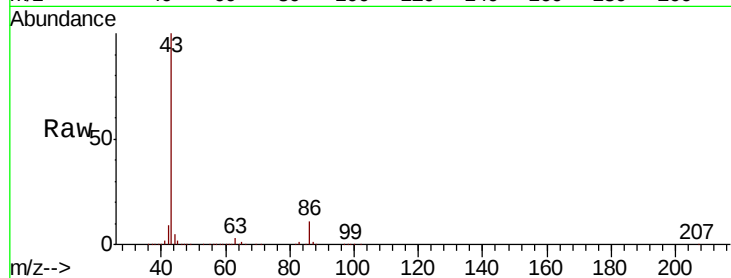




#23
 Vinyl Acetate
 Concen: 537.825 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

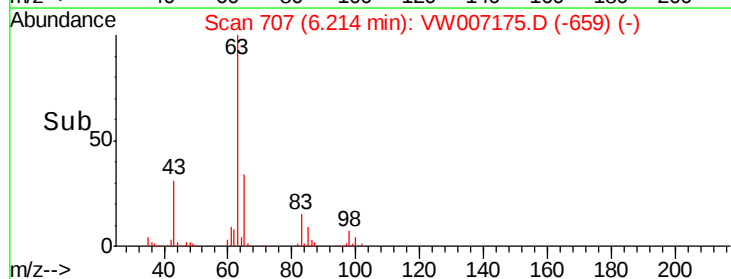
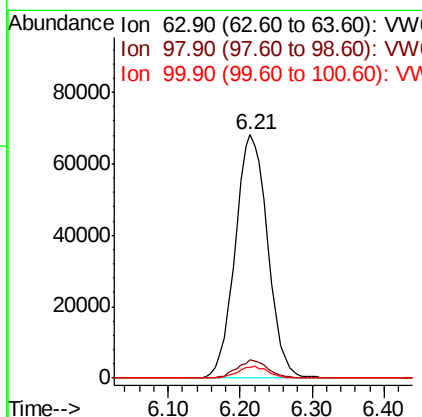
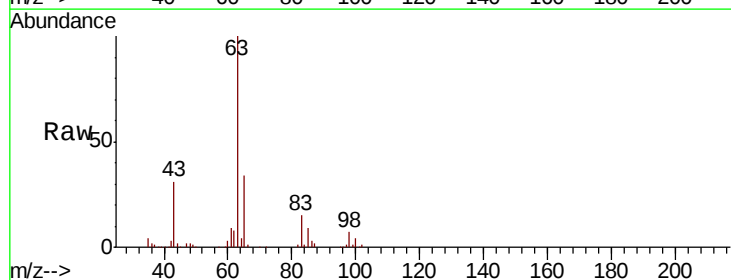
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

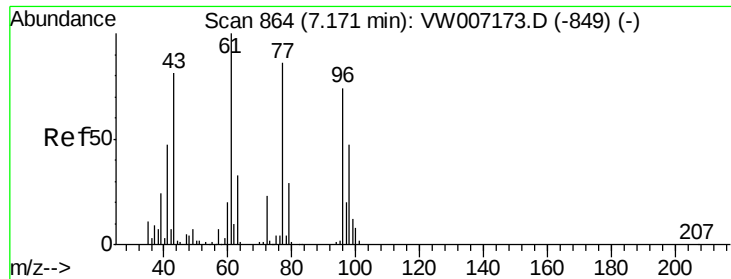
Tgt Ion: 43 Resp: 953294
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 104.320 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion: 63 Resp: 212815
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.4 2.4 7.1

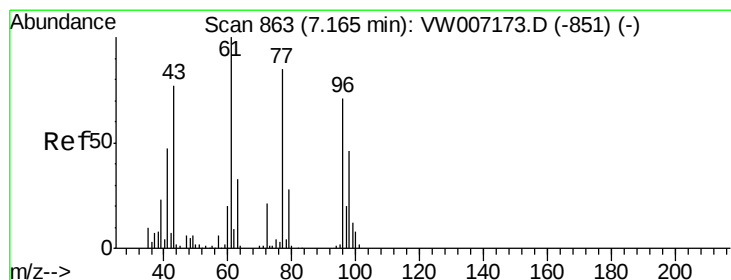
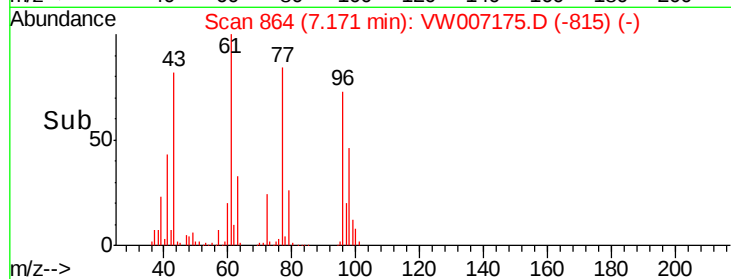
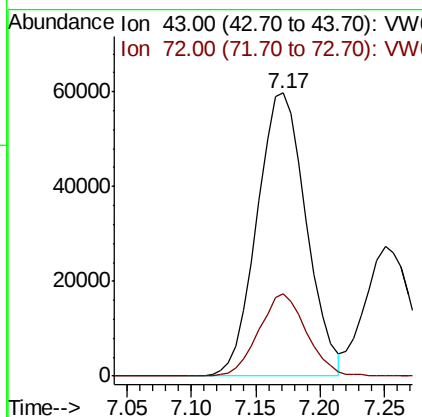
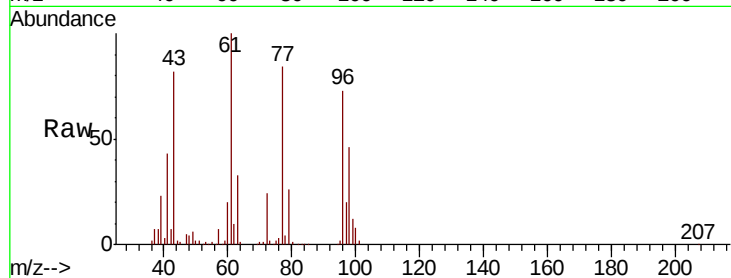




#25
2-Butanone
Concen: 565.042 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

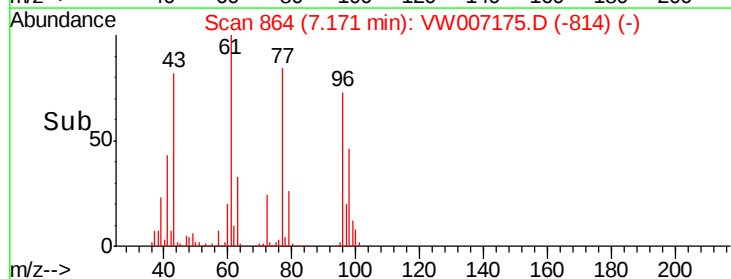
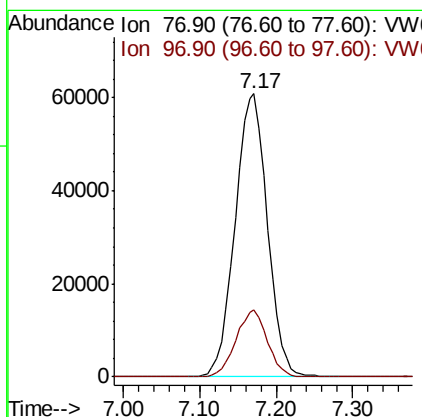
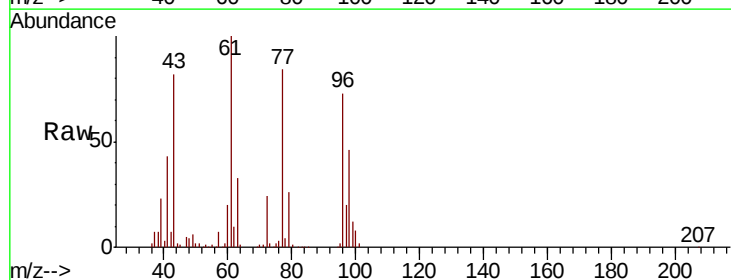
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

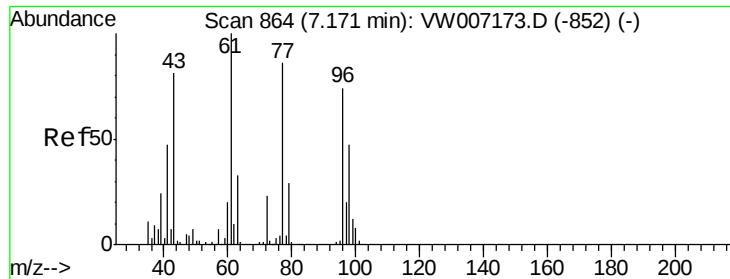
Tgt Ion: 43 Resp: 158265
Ion Ratio Lower Upper
43 100
72 29.3 23.0 34.4



#26
2,2-Dichloropropane
Concen: 97.204 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 77 Resp: 177545
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1



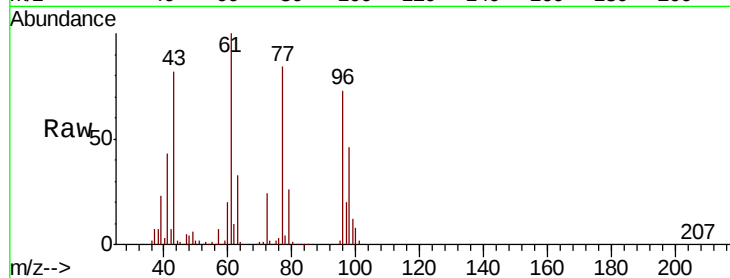


#27

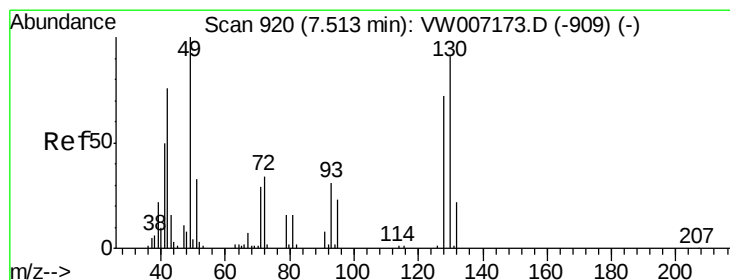
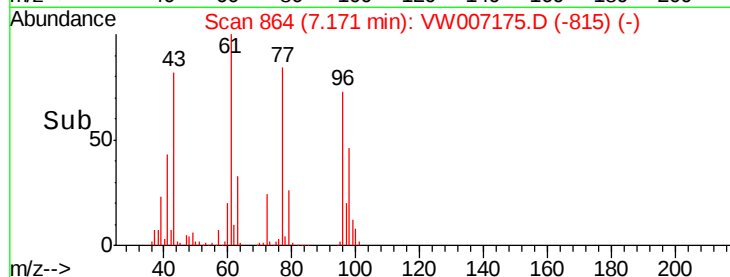
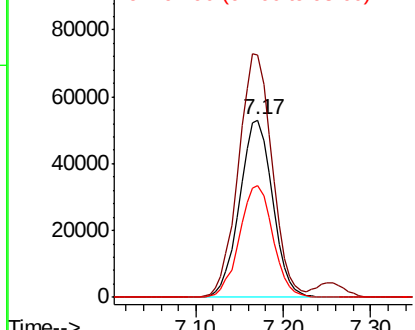
cis-1,2-Dichloroethene
Concen: 107.710 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 139566
Ion Ratio Lower Upper
96 100
61 139.9 0.0 282.2
98 63.9 0.0 129.8



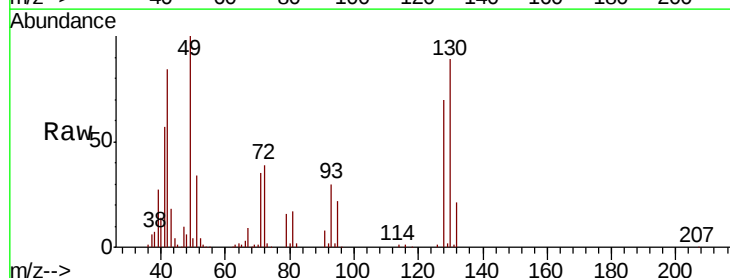
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



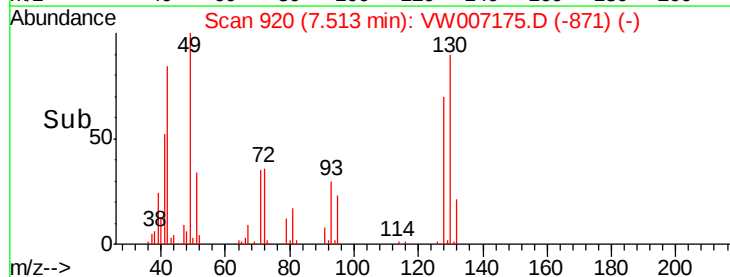
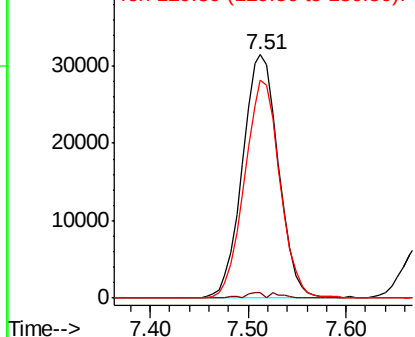
#28

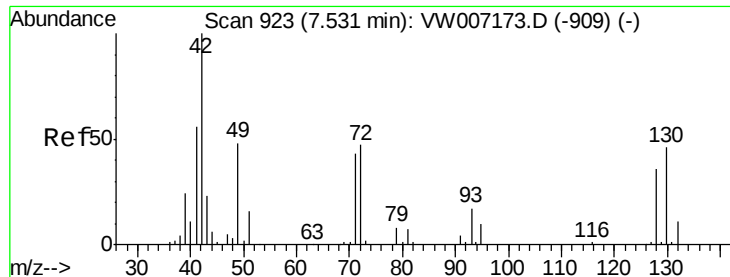
Bromochloromethane
Concen: 106.009 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 49 Resp: 80571
Ion Ratio Lower Upper
49 100
129 1.2 0.0 1.8
130 88.0 70.5 105.7



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

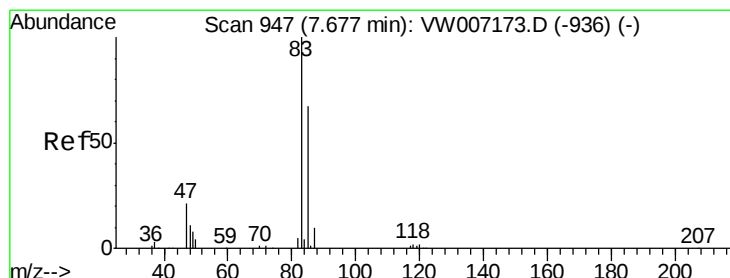
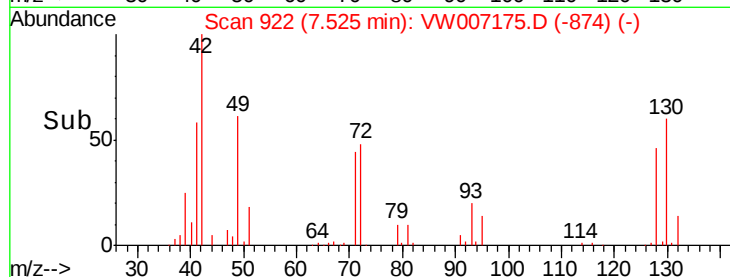
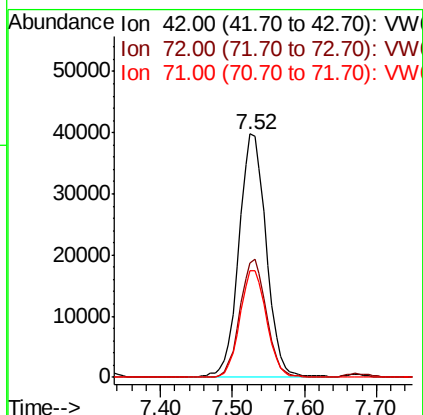
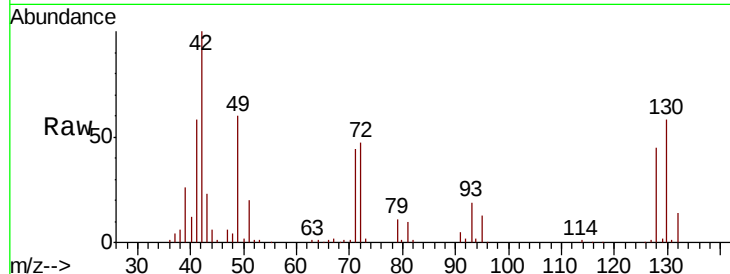




#29
Tetrahydrofuran
Concen: 580.478 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

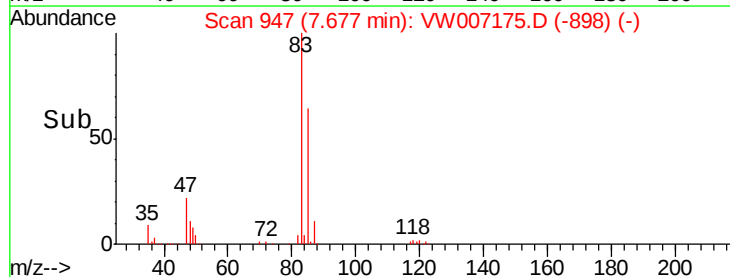
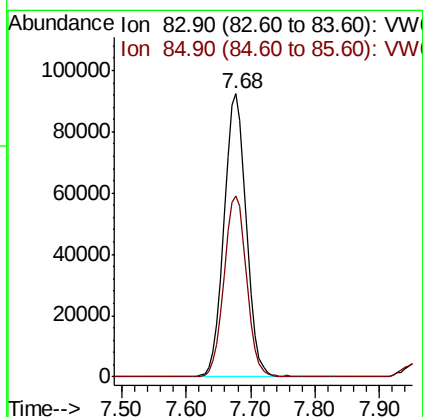
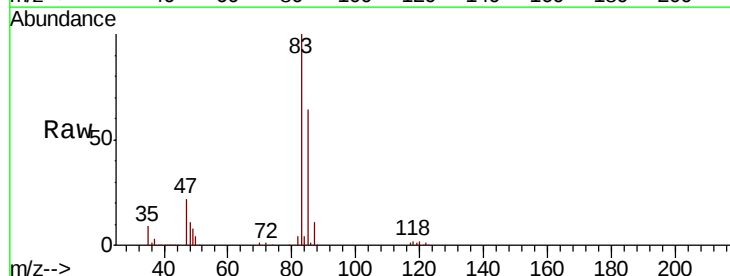
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

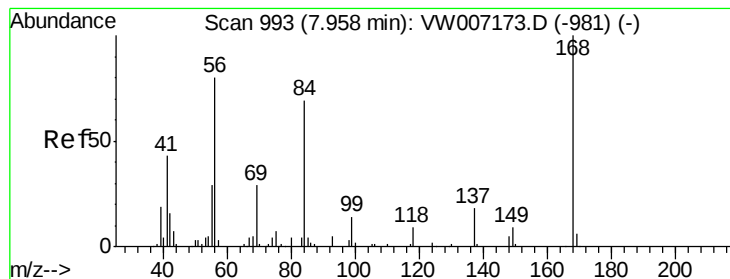
Tgt Ion: 42 Resp: 105118
Ion Ratio Lower Upper
42 100
72 46.9 37.3 55.9
71 42.9 35.0 52.6



#30
Chloroform
Concen: 104.261 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 83 Resp: 226189
Ion Ratio Lower Upper
83 100
85 64.1 53.8 80.6





#31

Cyclohexane

Concen: 86.541 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

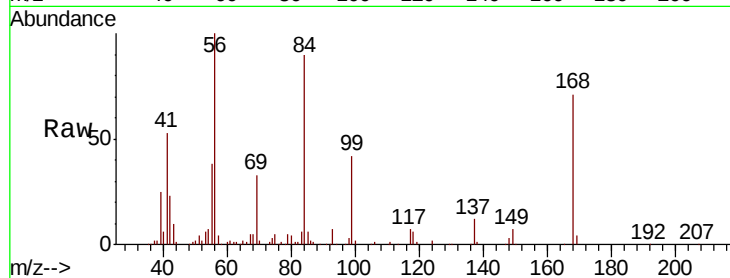
Tgt Ion: 56 Resp: 184635

Ion Ratio Lower Upper

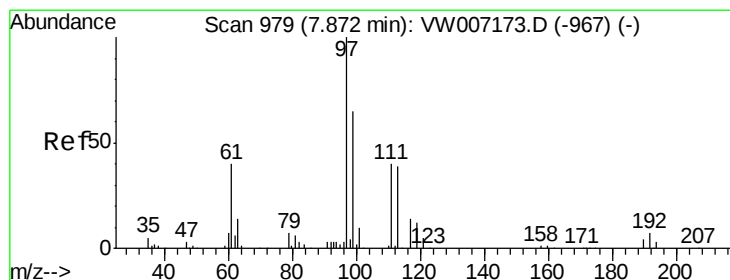
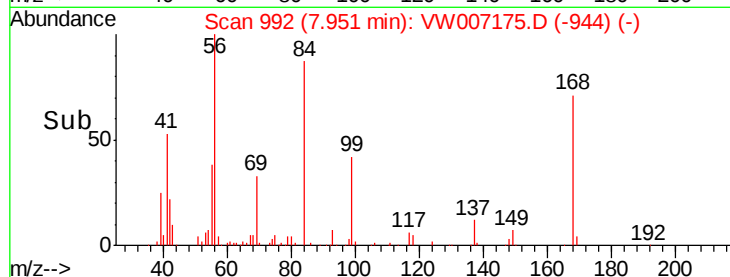
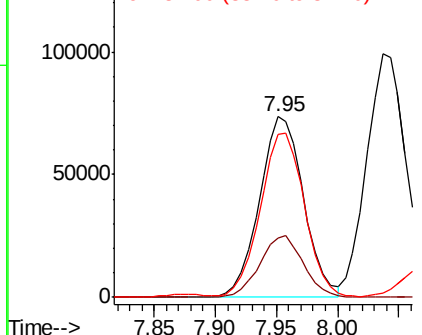
56 100

69 32.9 29.2 43.8

84 88.8 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 101.772 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

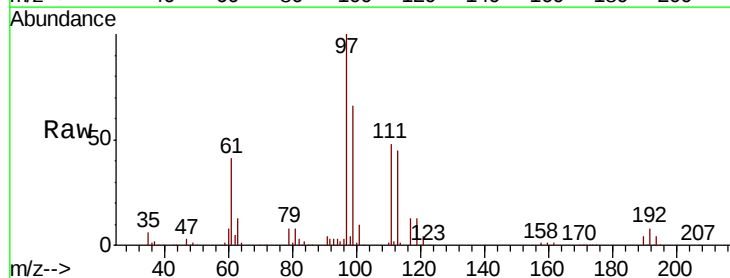
Tgt Ion: 97 Resp: 198583

Ion Ratio Lower Upper

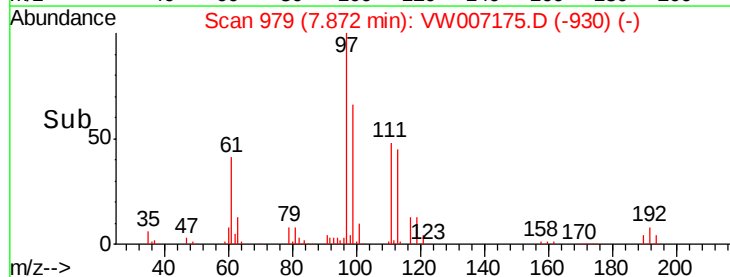
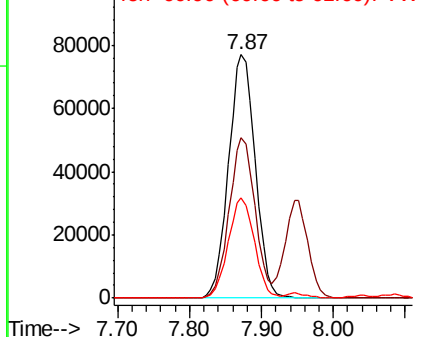
97 100

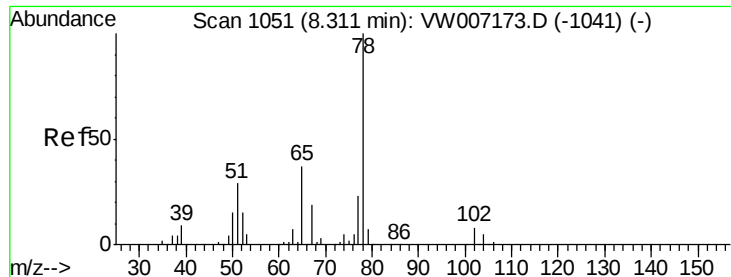
99 64.2 52.0 78.0

61 40.5 32.7 49.1



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

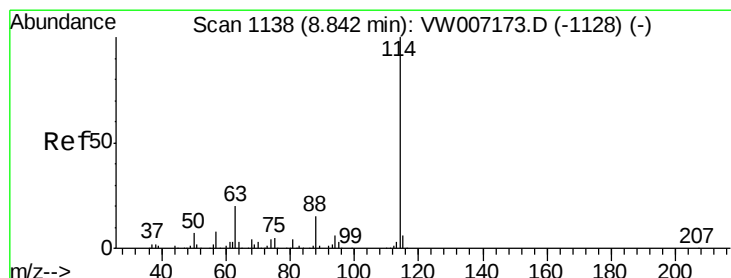
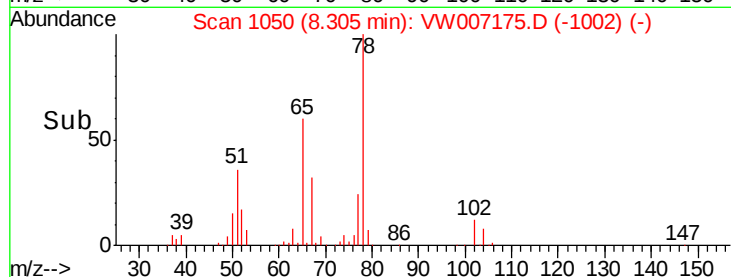
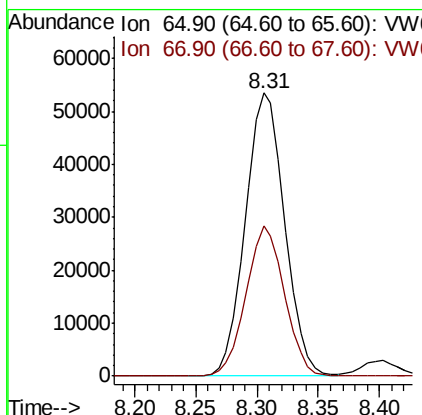
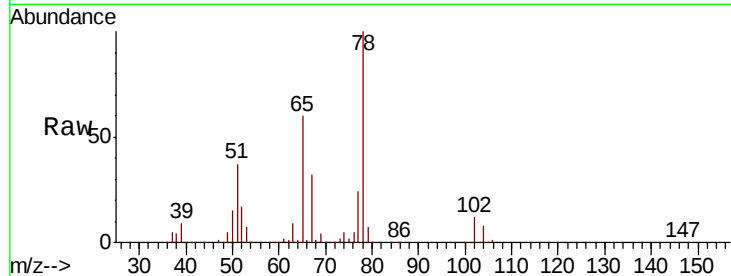




#33
 1,2-Dichloroethane-d4
 Concen: 106.687 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

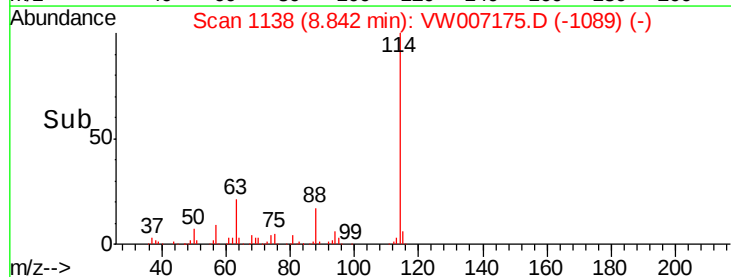
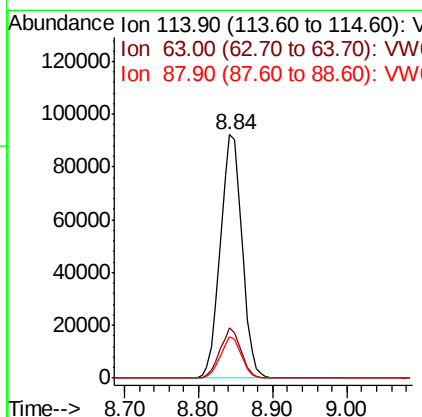
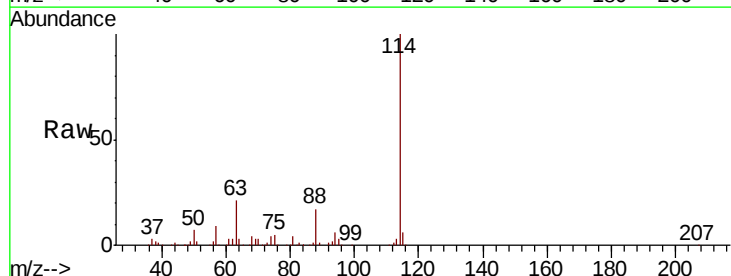
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

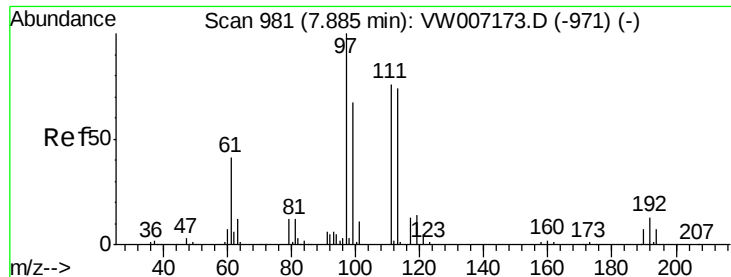
Tgt Ion: 65 Resp: 119662
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion: 114 Resp: 186953
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 16.9 0.0 30.8

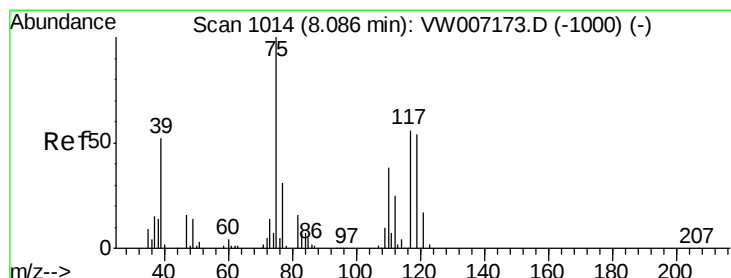
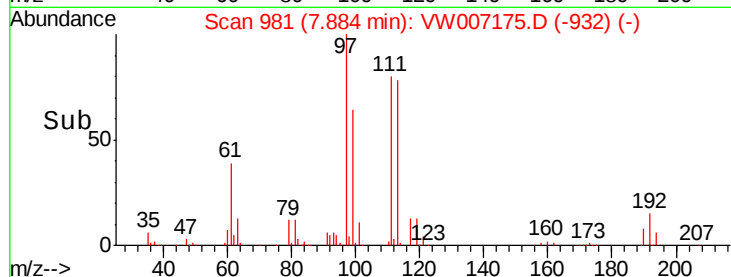
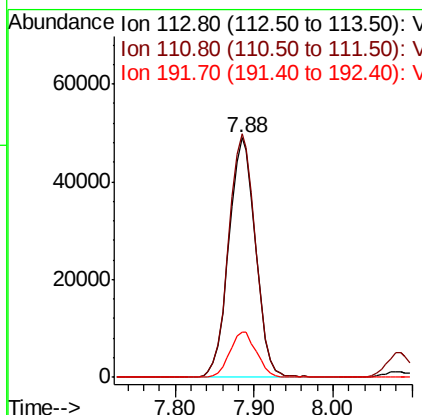
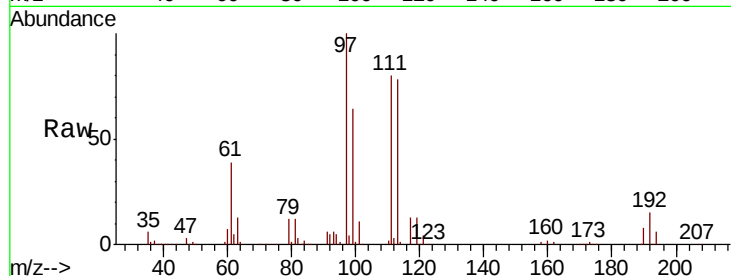




#35
 Dibromofluoromethane
 Concen: 109.569 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

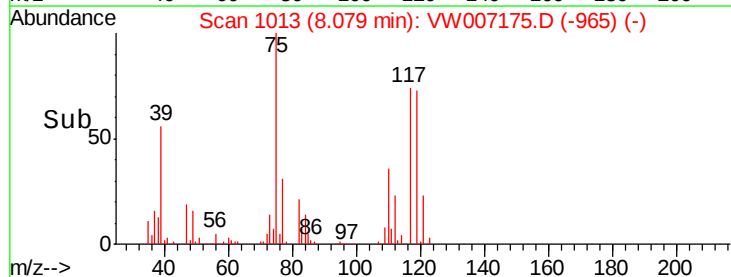
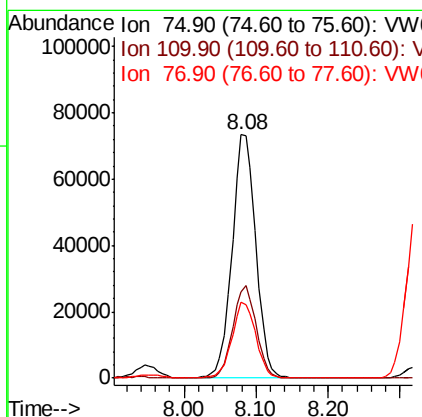
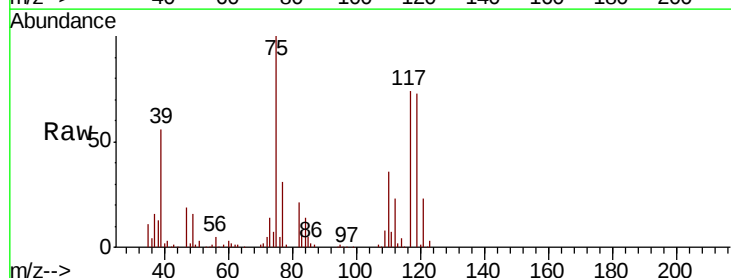
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

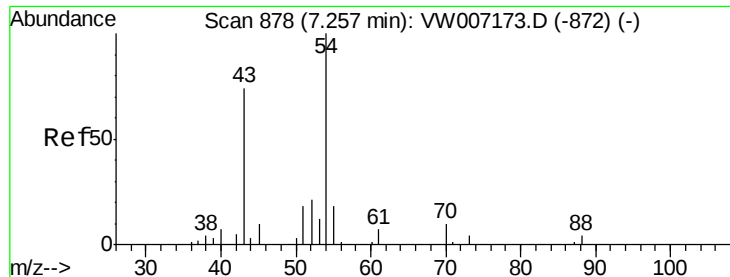
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	19.0	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 93.617 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.4	55.2
77	31.2	24.9	37.3

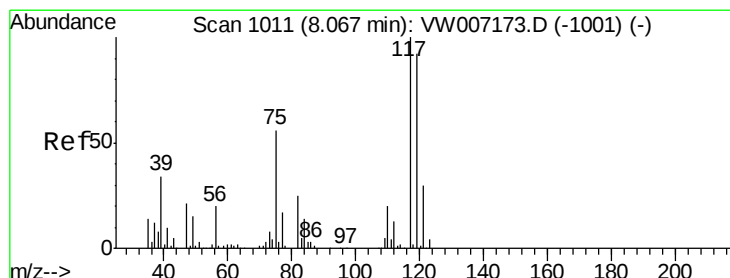
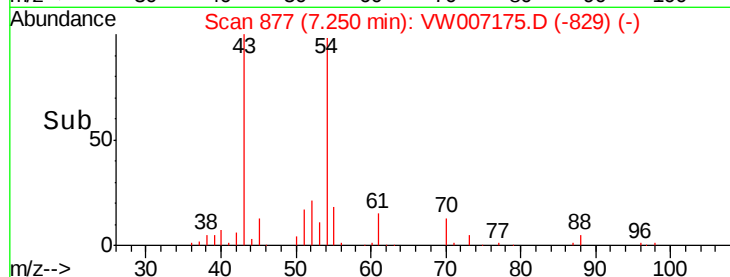
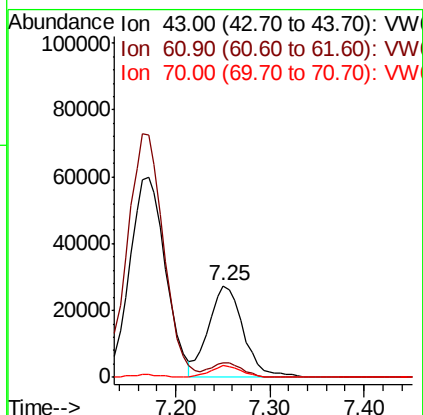
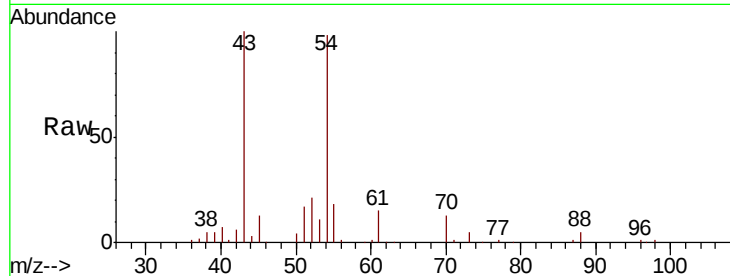




#37
Ethyl Acetate
Concen: 105.731 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

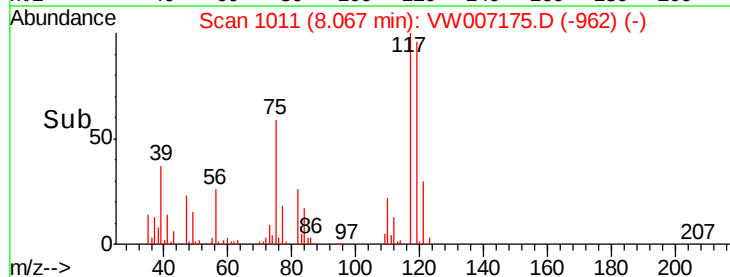
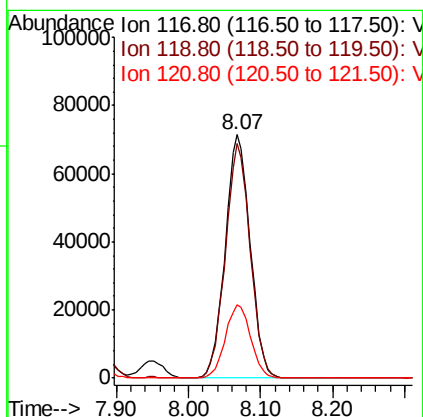
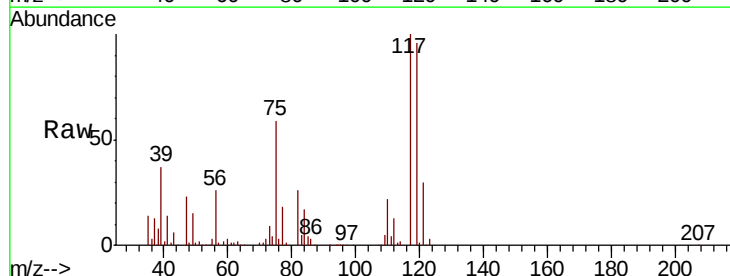
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

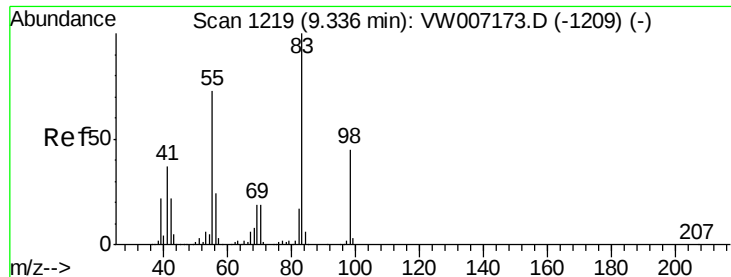
Tgt Ion: 43 Resp: 69755
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.4
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 99.670 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 117 Resp: 172760
Ion Ratio Lower Upper
117 100
119 96.1 73.8 110.6
121 30.0 24.1 36.1

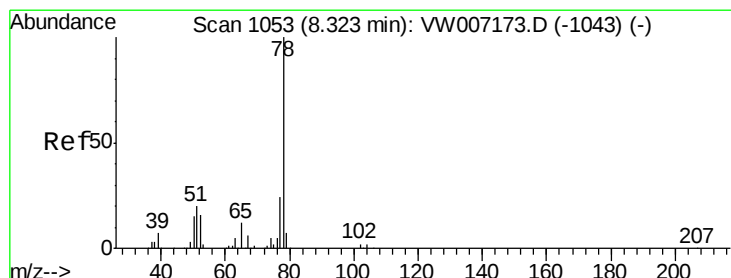
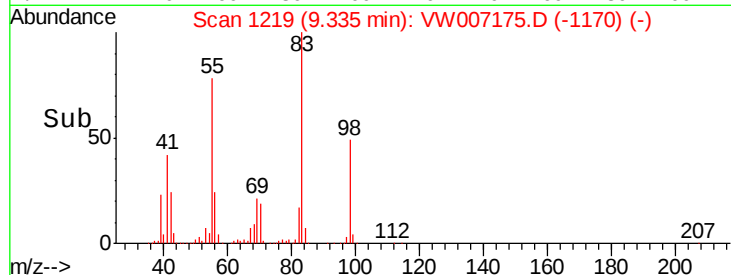
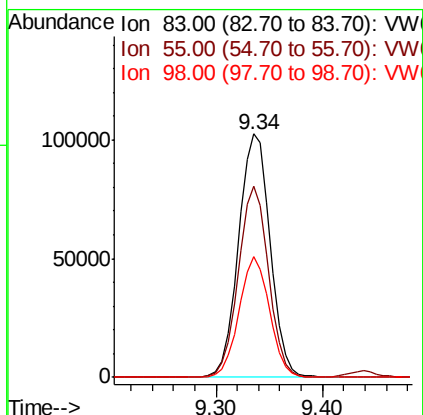
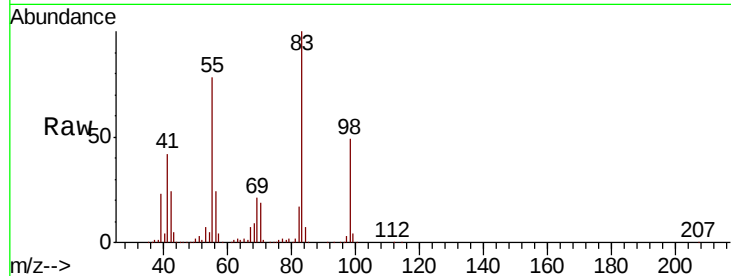




#39
Methylcyclohexane
Concen: 94.673 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

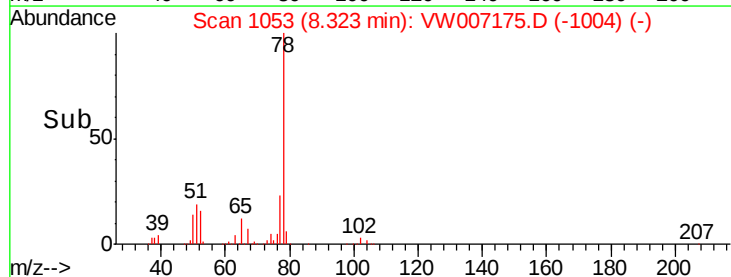
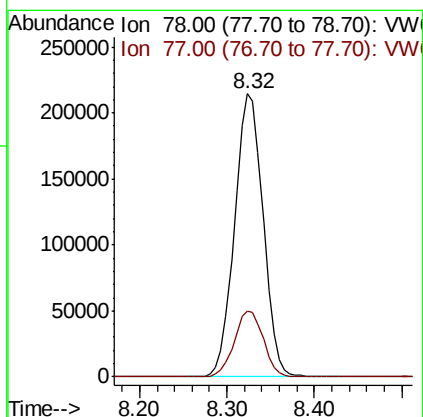
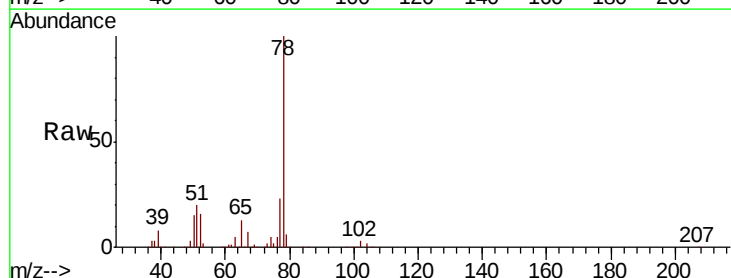
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

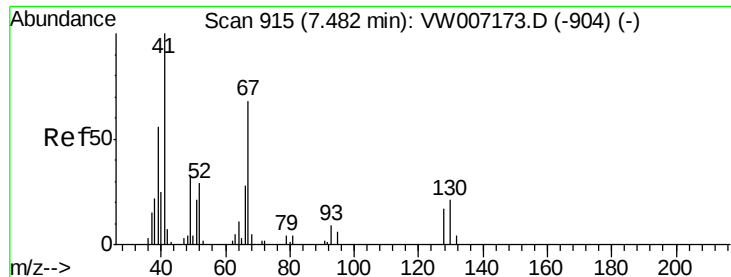
Tgt Ion: 83 Resp: 213548
Ion Ratio Lower Upper
83 100
55 78.3 58.7 88.1
98 49.4 36.3 54.5



#40
Benzene
Concen: 99.438 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 78 Resp: 486516
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3

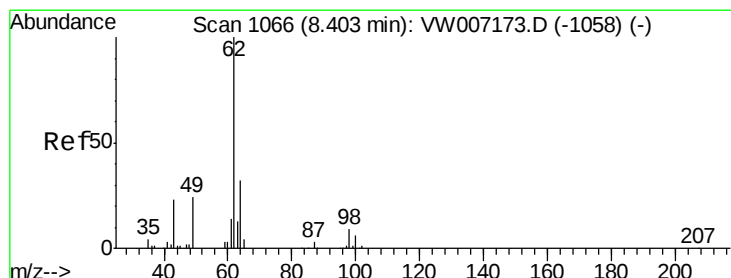
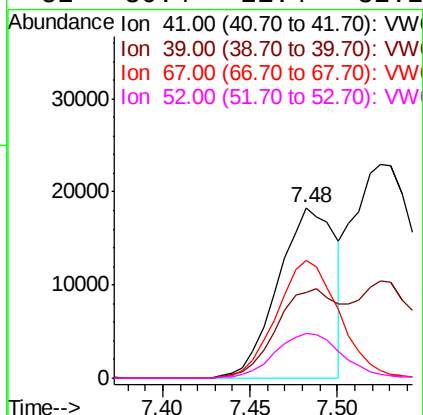
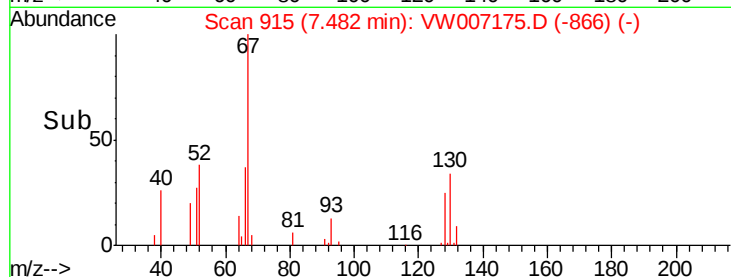
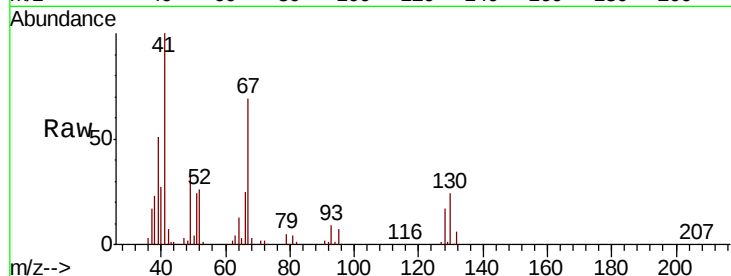




#41
Methacrylonitrile
Concen: 101.805 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

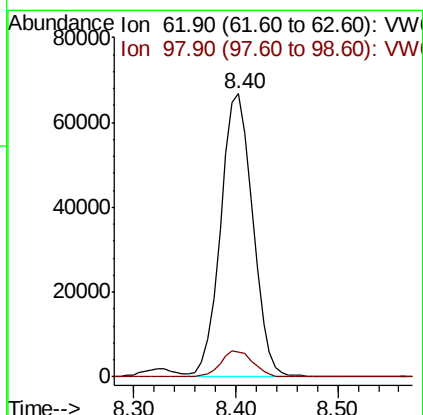
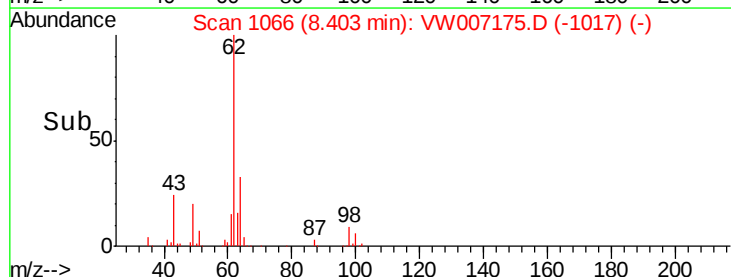
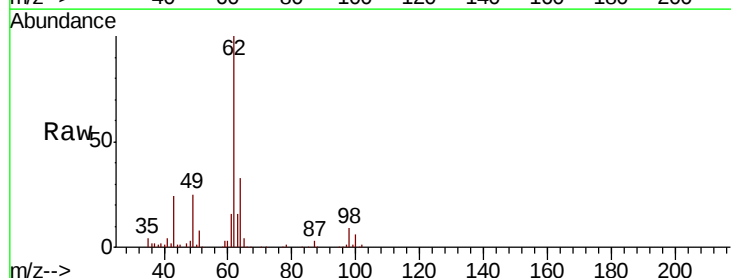
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

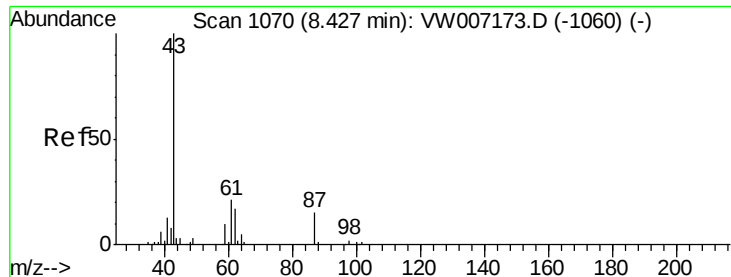
Tgt Ion:	41	Resp:	42111
Ion	Ratio	Lower	Upper
41	100		
39	61.3	43.4	65.2
67	75.3	54.3	81.5
52	30.4	21.4	32.2



#42
1,2-Dichloroethane
Concen: 102.572 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion:	62	Resp:	145577
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 109.991 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

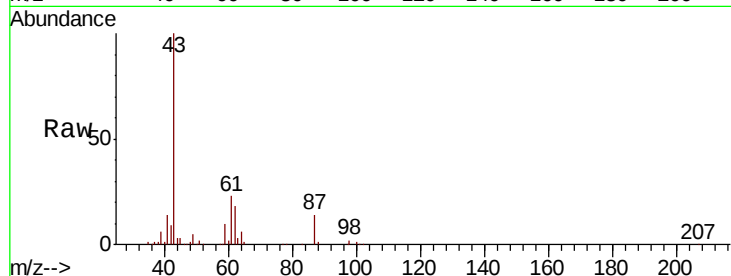
Tgt Ion: 43 Resp: 139045

Ion Ratio Lower Upper

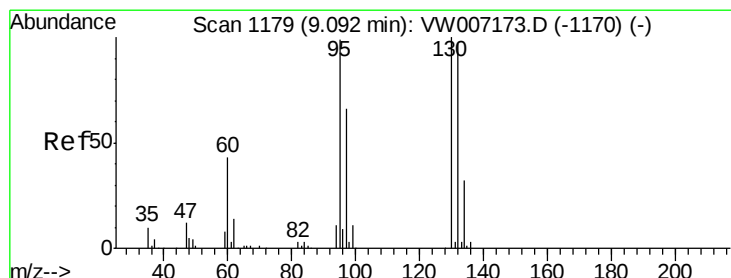
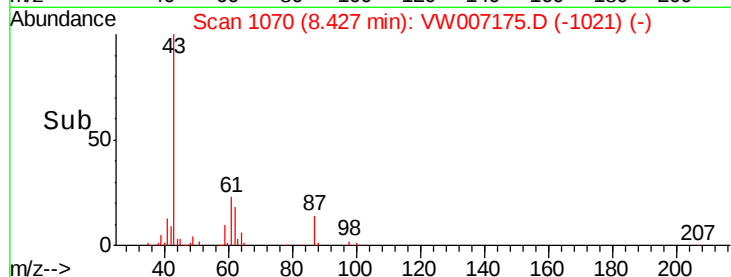
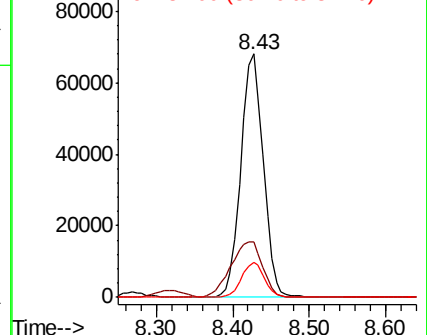
43 100

61 32.0 24.7 37.1

87 14.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 97.555 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007175.D

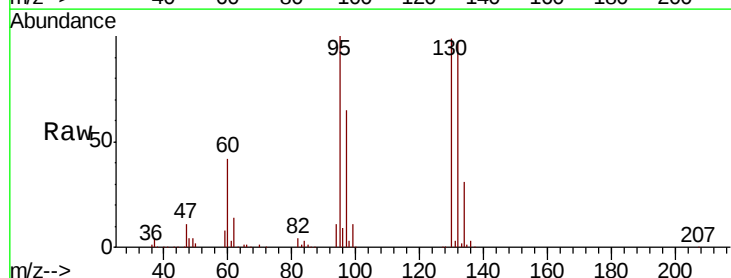
Acq: 04 Dec 2018 02:10

Tgt Ion: 130 Resp: 133880

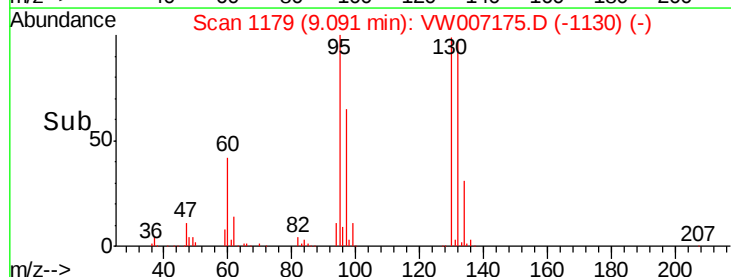
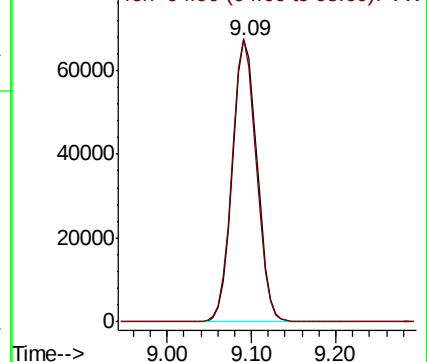
Ion Ratio Lower Upper

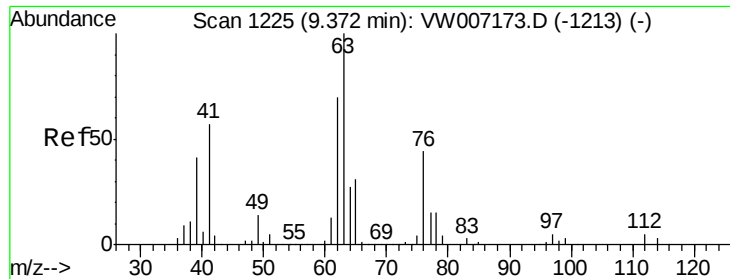
130 100

95 100.5 0.0 198.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

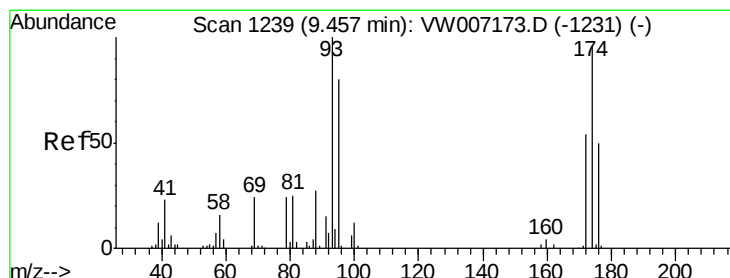
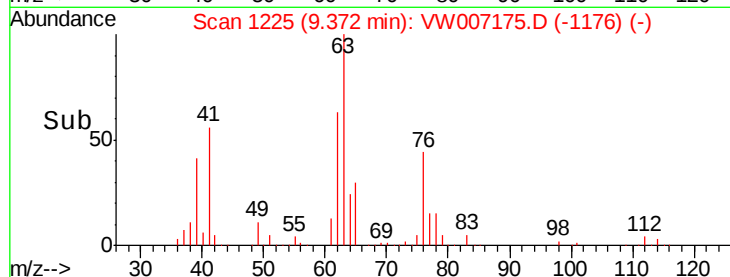
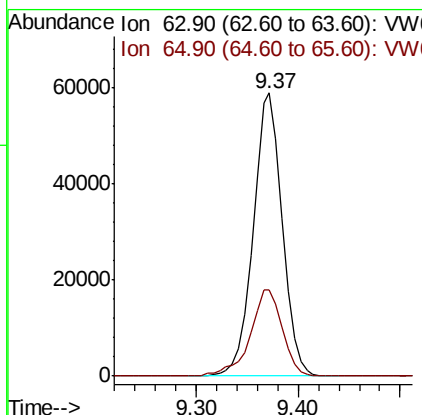
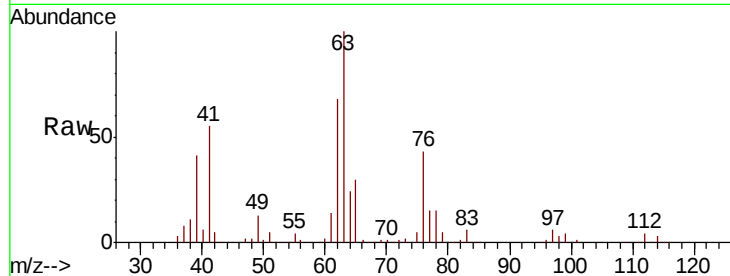




#45
 1,2-Dichloropropane
 Concen: 97.379 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

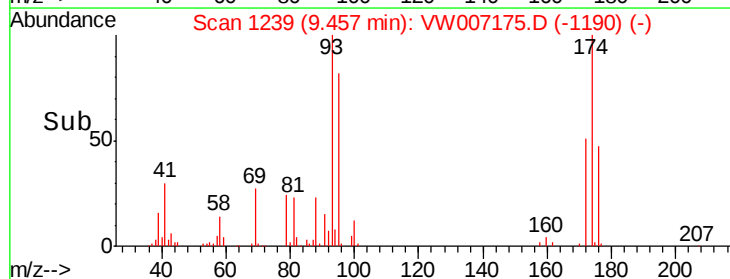
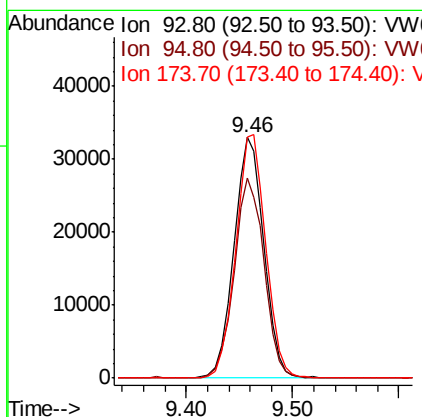
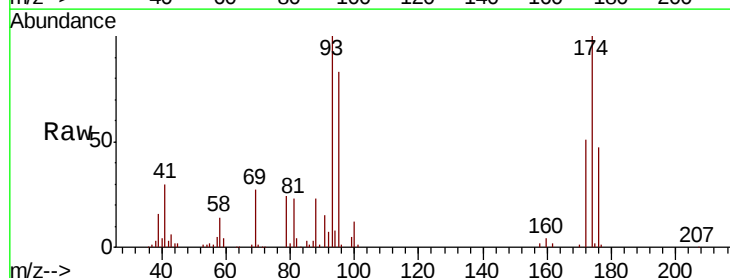
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

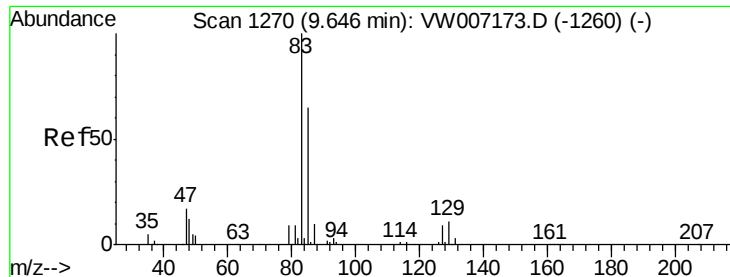
Tgt Ion: 63 Resp: 116799
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.1 37.7



#46
 Dibromomethane
 Concen: 106.492 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion: 93 Resp: 64790
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.2 99.4
 174 101.7 79.3 118.9





#47

Bromodichloromethane

Concen: 101.593 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

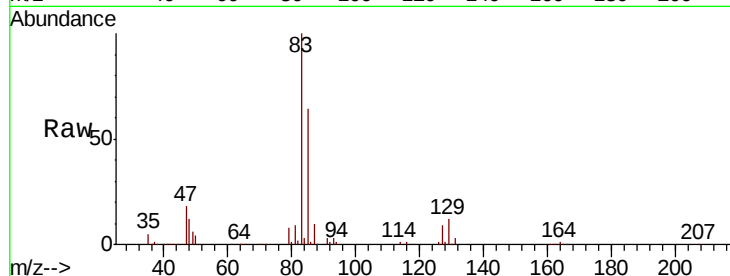
Tgt Ion: 83 Resp: 162001

Ion Ratio Lower Upper

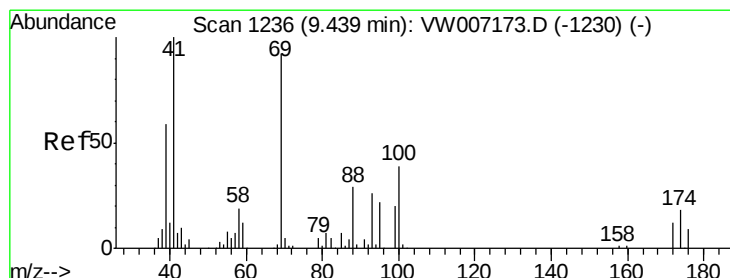
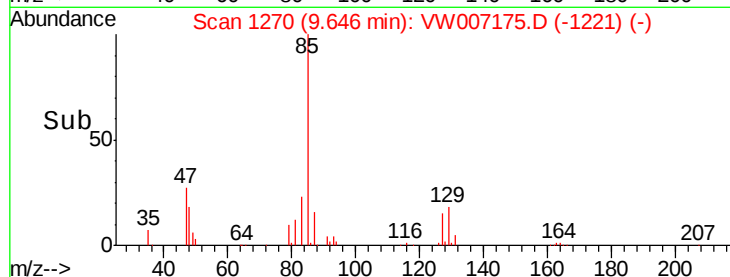
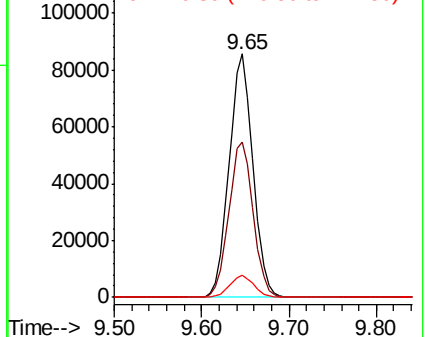
83 100

85 63.9 51.9 77.9

127 9.4 7.1 10.7



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): VW



#48

Methyl methacrylate

Concen: 114.382 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

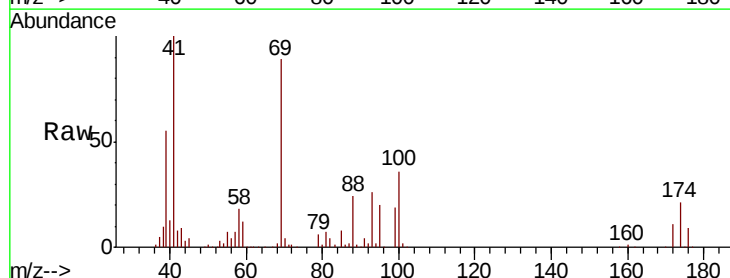
Tgt Ion: 41 Resp: 69470

Ion Ratio Lower Upper

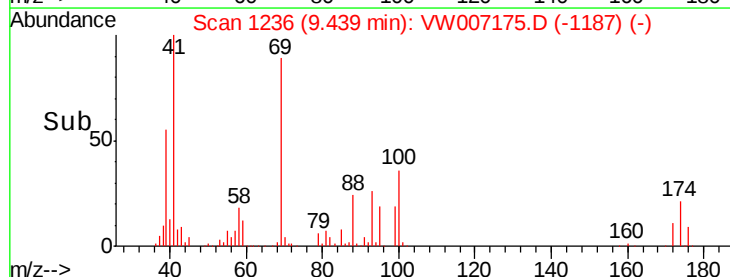
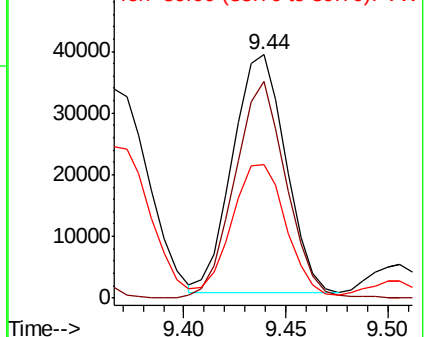
41 100

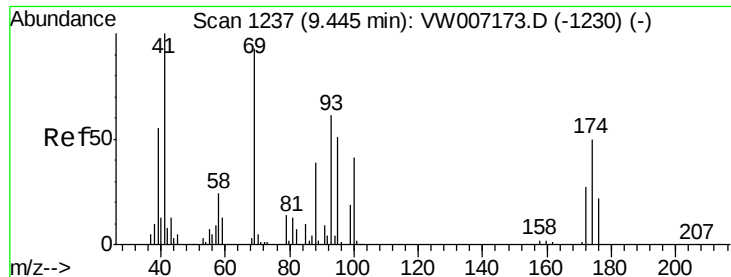
69 89.2 74.9 112.3

39 58.8 47.5 71.3



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

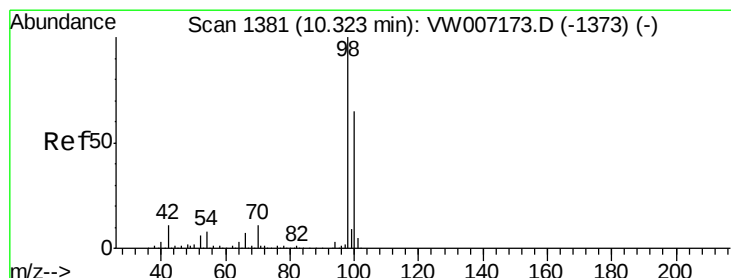
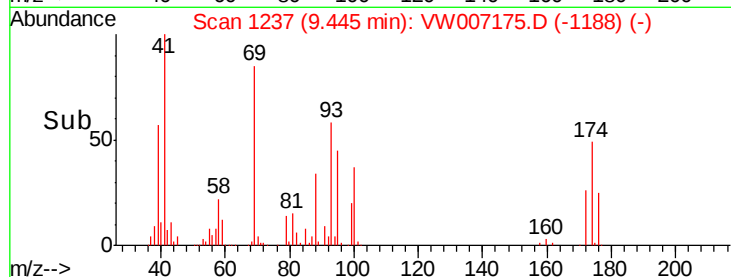
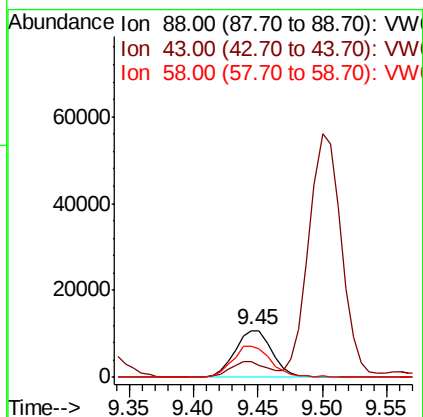
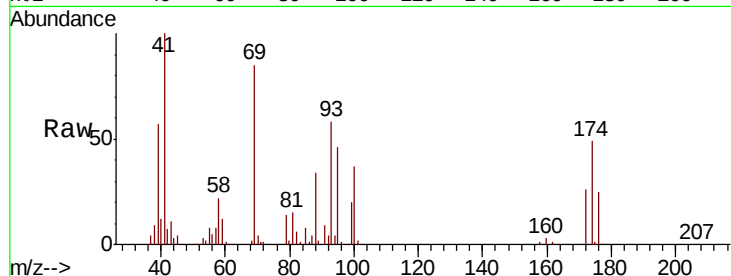




#49
1,4-Dioxane
Concen: 2351.775 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

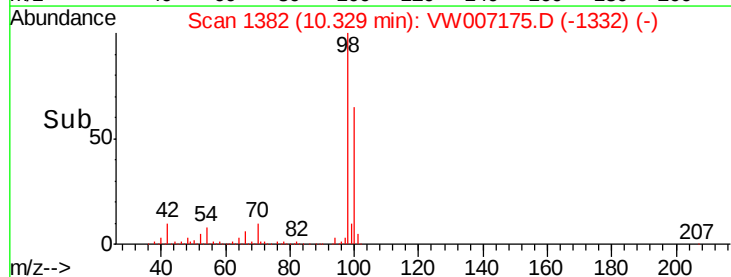
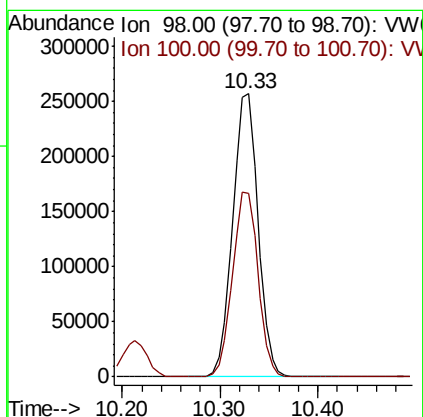
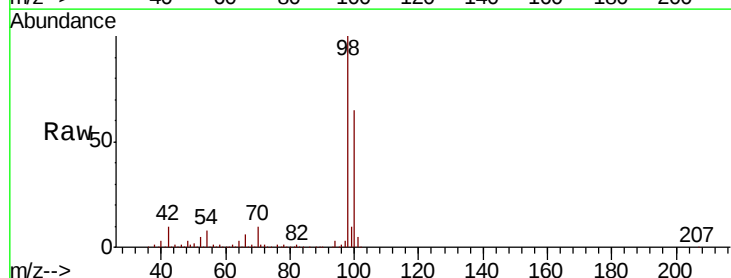
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

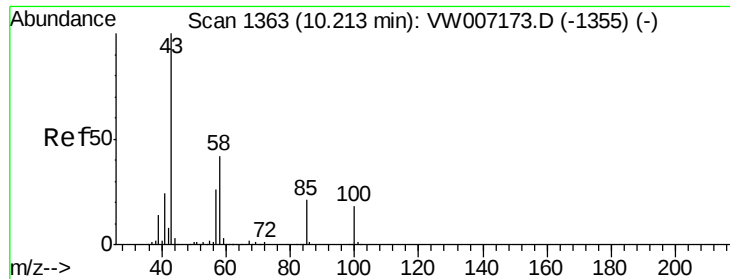
Tgt Ion: 88 Resp: 21778
Ion Ratio Lower Upper
88 100
43 33.5 27.7 41.5
58 68.3 52.1 78.1



#50
Toluene-d8
Concen: 100.529 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 98 Resp: 463489
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 530.411 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

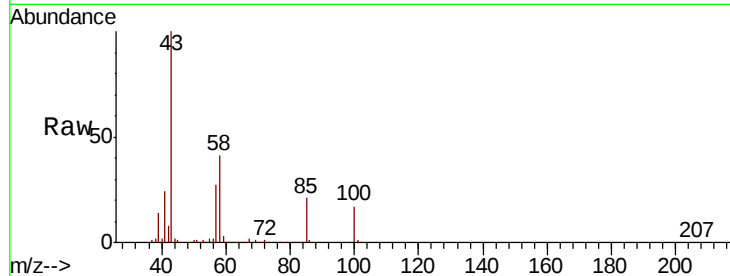
VSTDIC100

Tgt Ion: 43 Resp: 336929

Ion Ratio Lower Upper

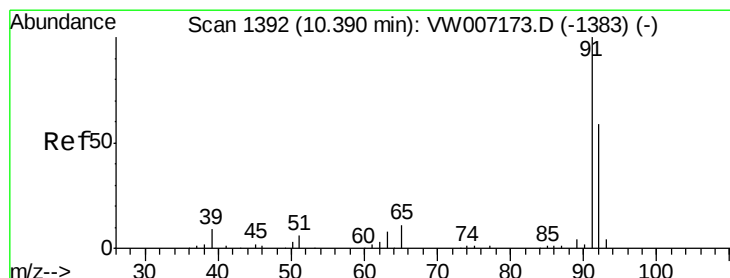
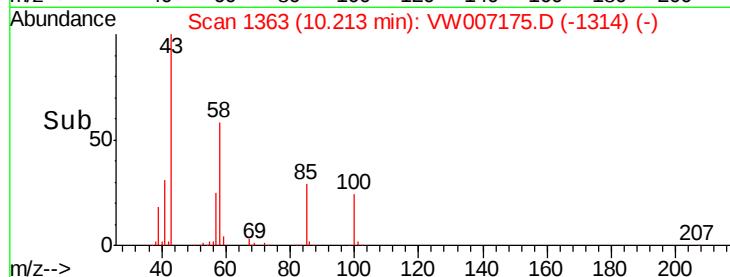
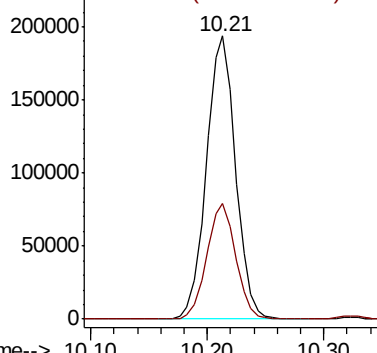
43 100

58 40.7 32.6 49.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 100.455 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007175.D

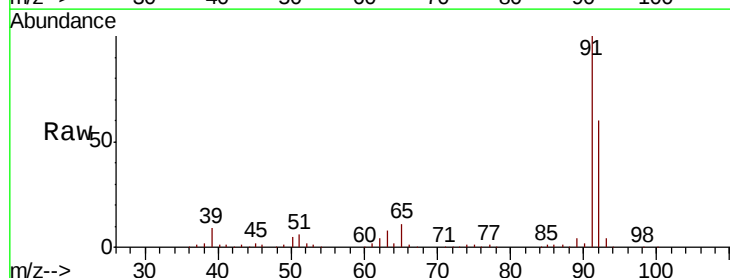
Acq: 04 Dec 2018 02:10

Tgt Ion: 92 Resp: 334470

Ion Ratio Lower Upper

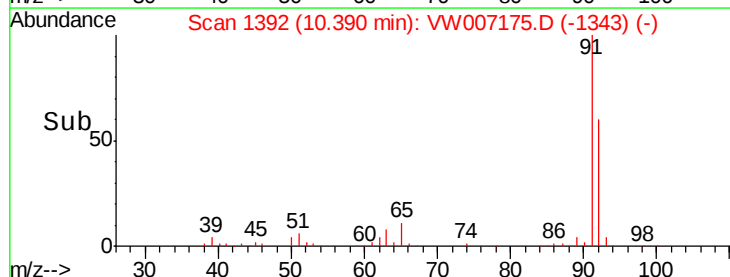
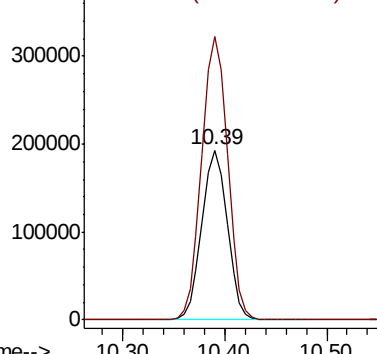
92 100

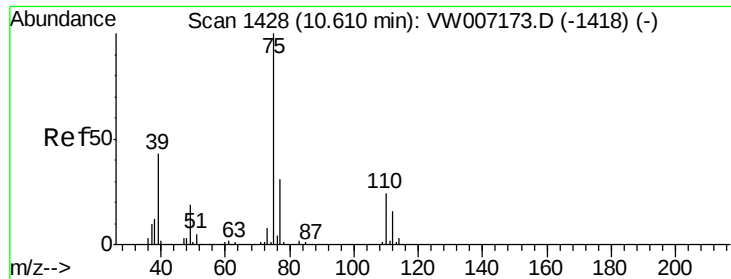
91 169.9 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 107.471 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampled :

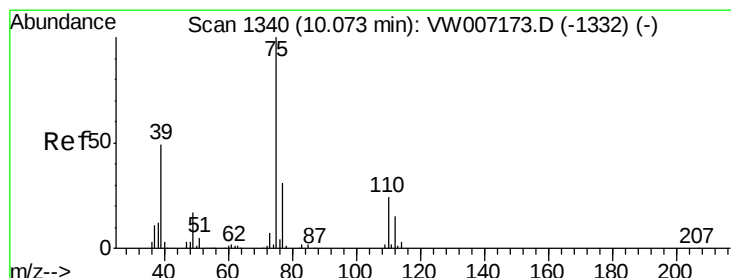
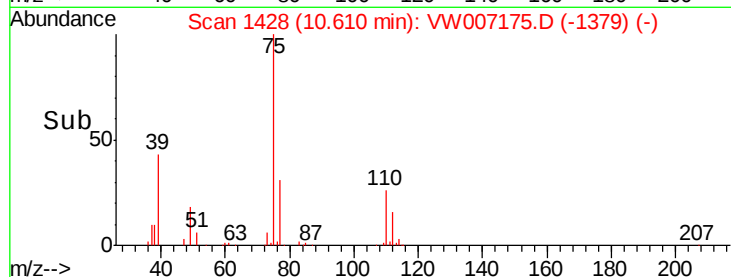
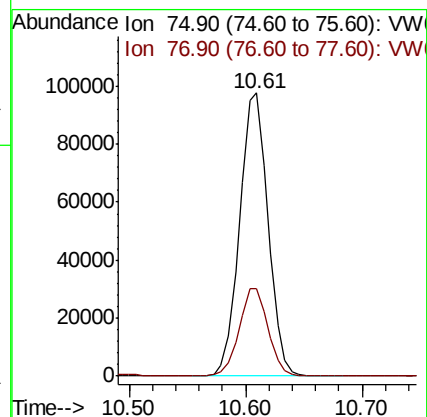
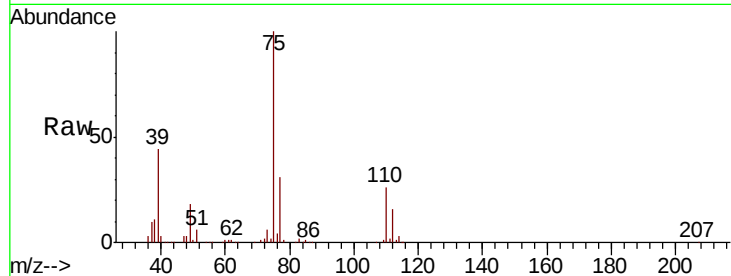
VSTDIC100

Tgt Ion: 75 Resp: 166437

Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 102.134 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

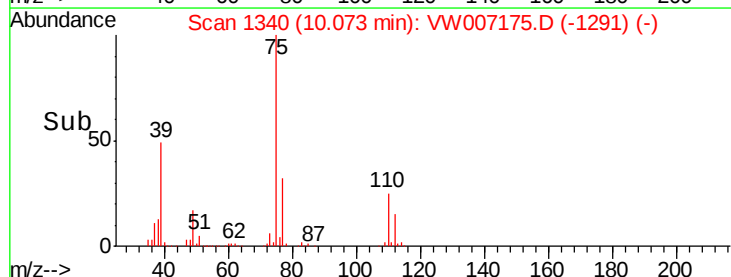
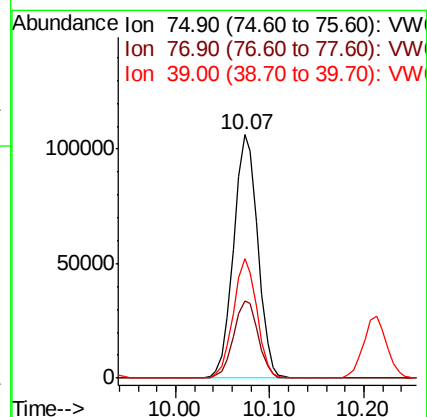
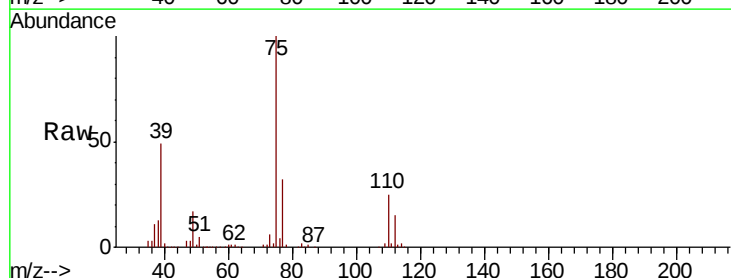
Tgt Ion: 75 Resp: 189518

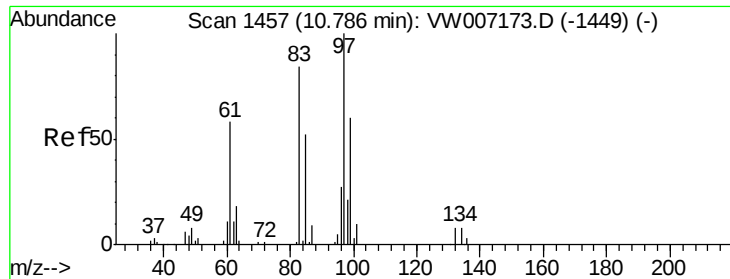
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 49.1 39.0 58.6

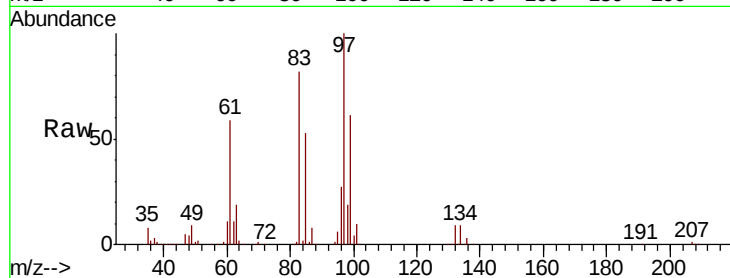




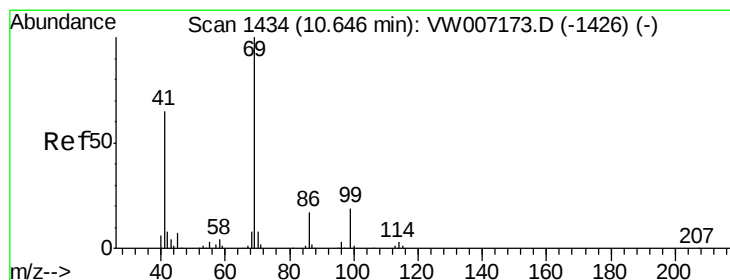
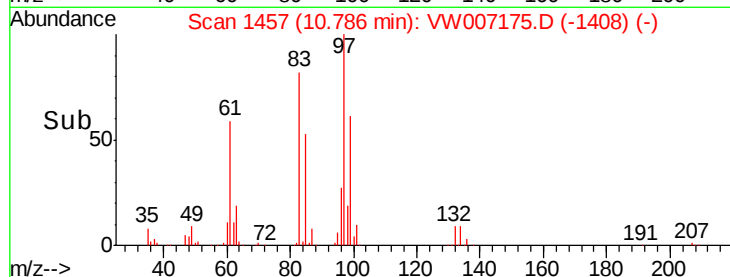
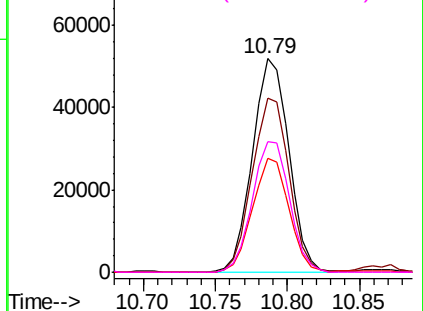
#55
 1,1,2-Trichloroethane
 Concen: 102.200 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	90938
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.0	100.4
85	53.2	41.5	62.3
99	61.1	48.4	72.6

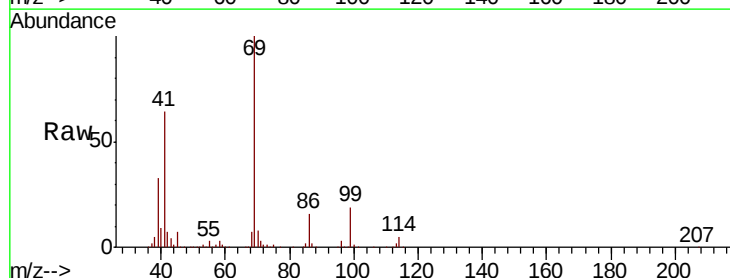


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

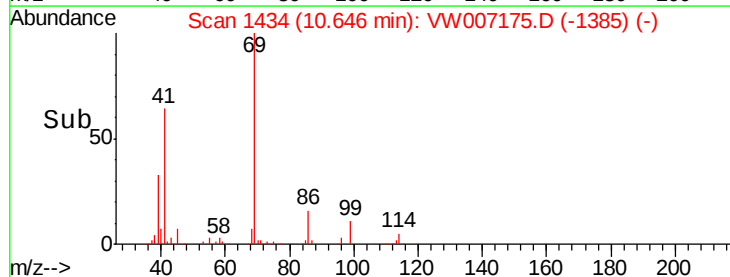
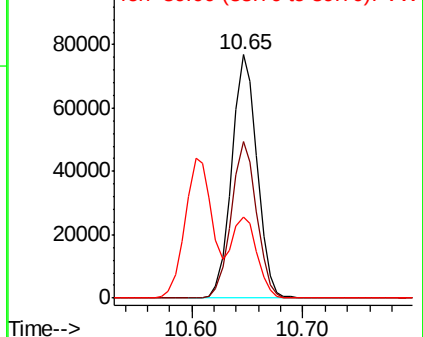


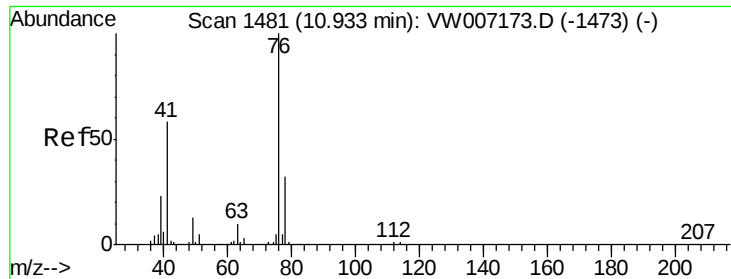
#56
 Ethyl methacrylate
 Concen: 115.237 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion:	69	Resp:	120770
Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.2	76.8
39	33.6	26.7	40.1



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

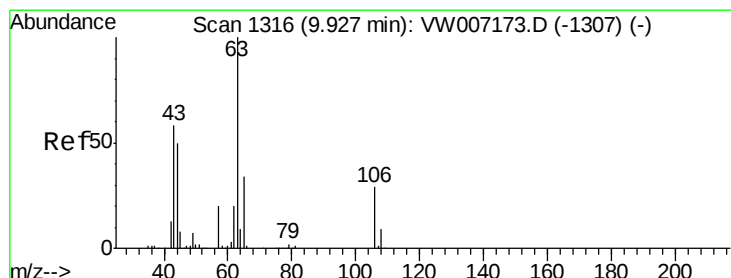
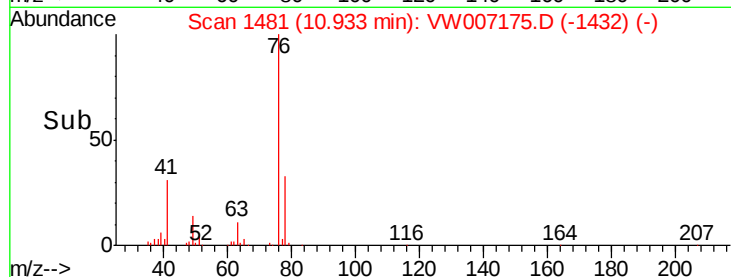
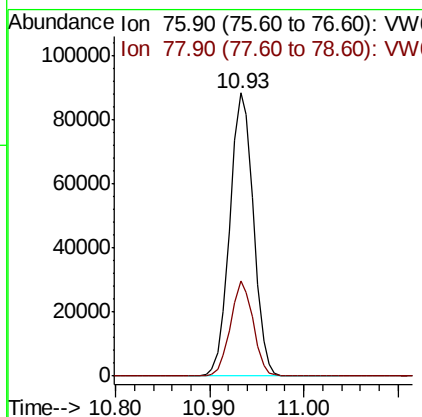
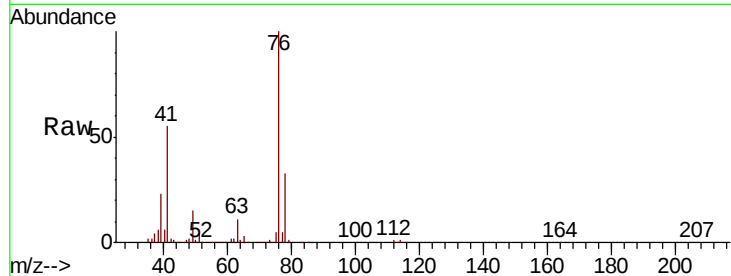




#57
 1,3-Dichloropropane
 Concen: 103.027 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

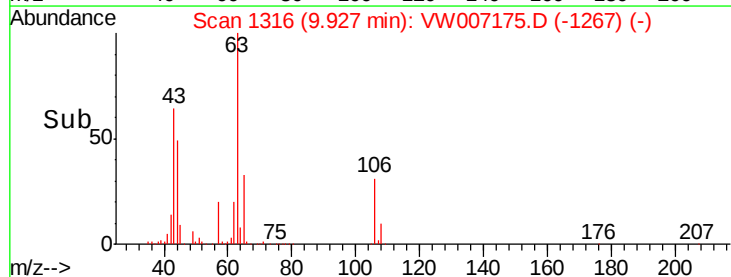
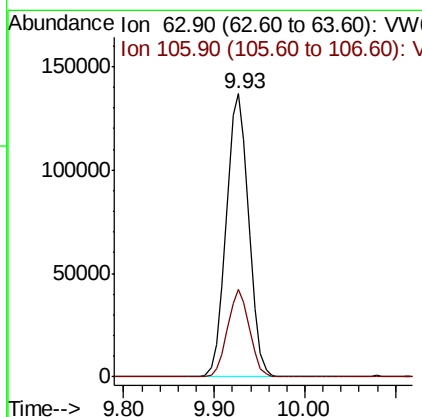
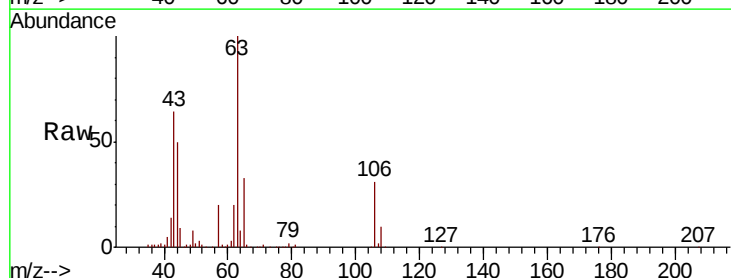
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

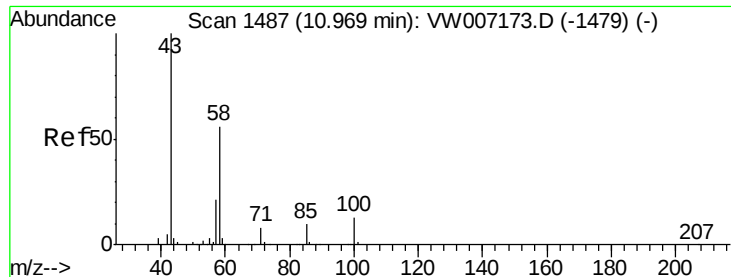
Tgt Ion: 76 Resp: 153700
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 443.636 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion: 63 Resp: 235258
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.5 35.3

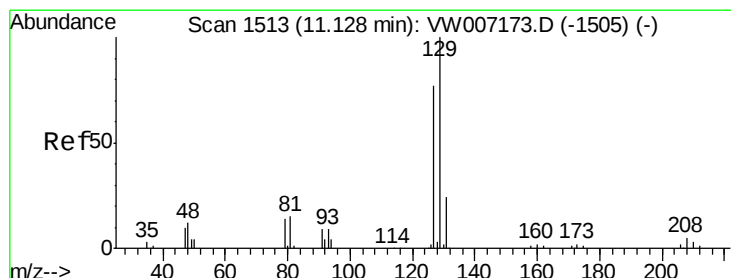
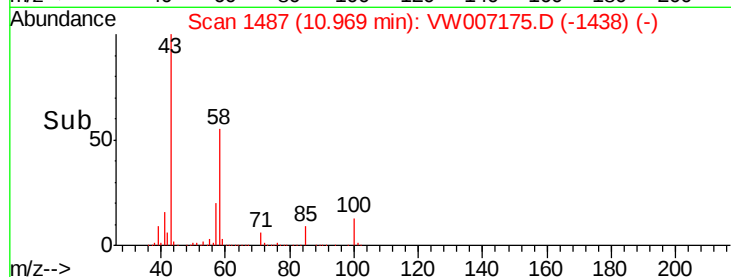
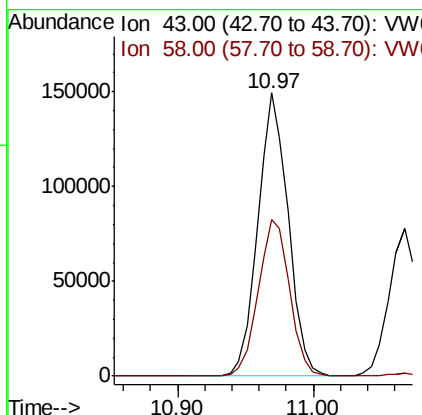
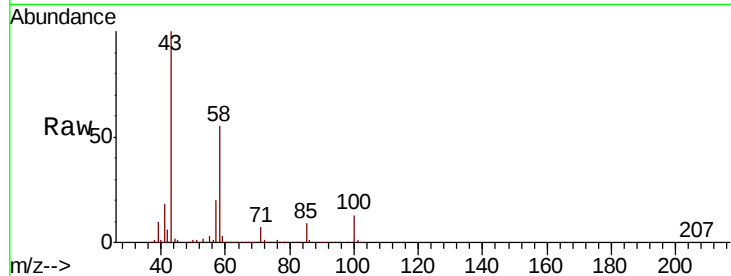




#59
2-Hexanone
Concen: 540.146 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

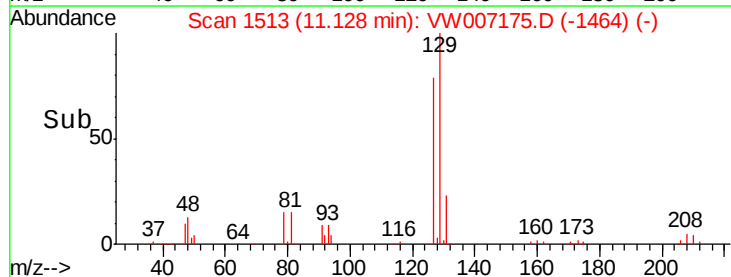
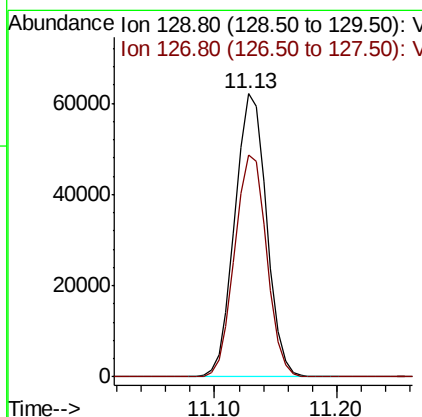
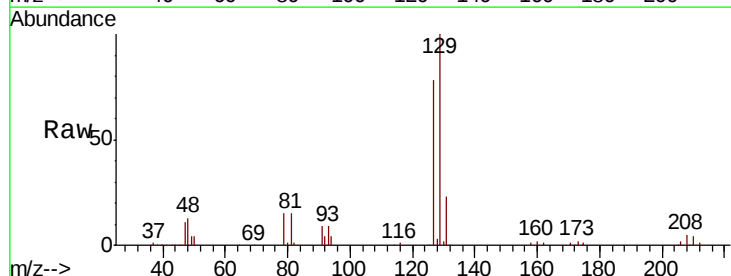
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

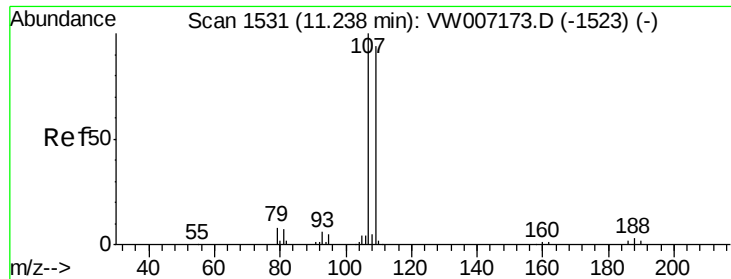
Tgt Ion: 43 Resp: 234246
Ion Ratio Lower Upper
43 100
58 57.0 27.3 81.9



#60
Dibromochloromethane
Concen: 109.293 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 129 Resp: 111661
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

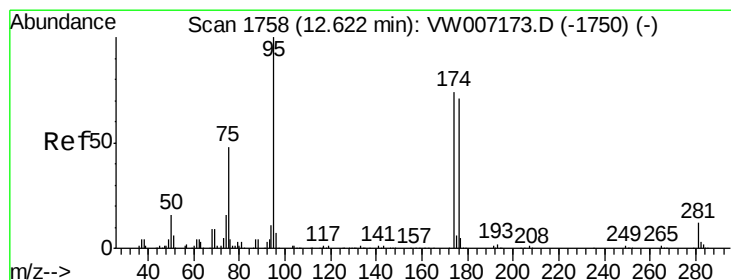
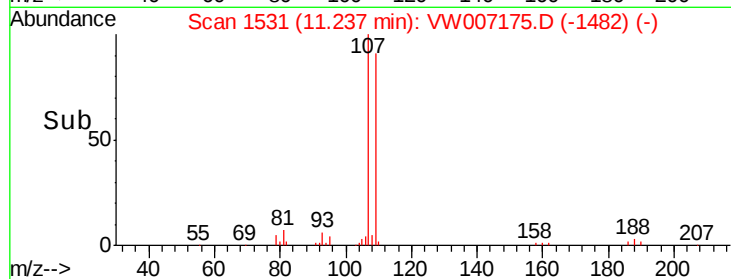
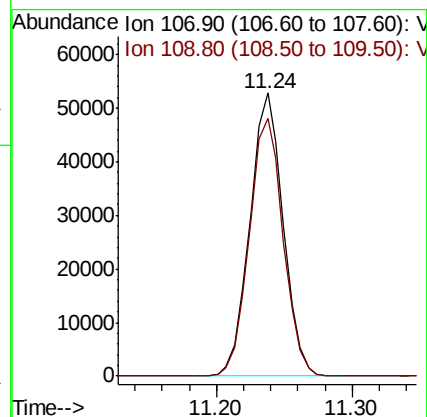
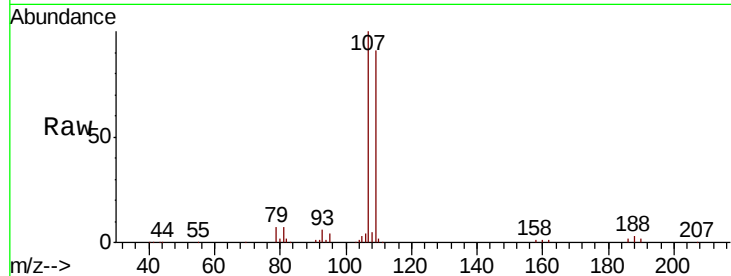




#61
 1,2-Dibromoethane
 Concen: 110.147 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

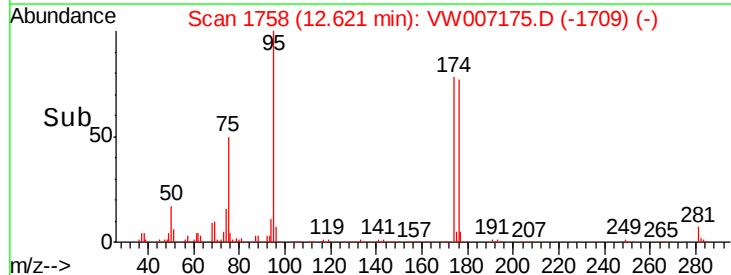
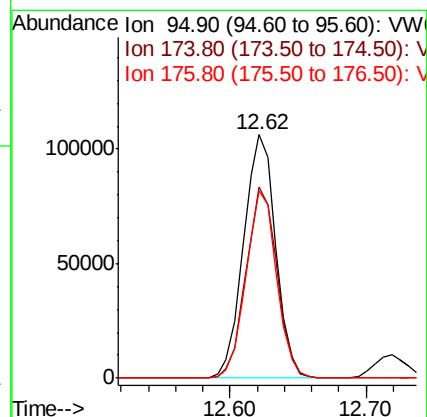
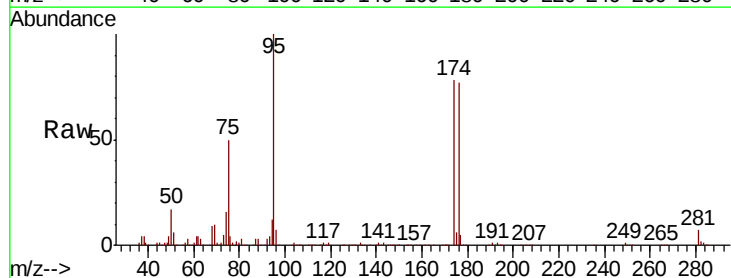
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

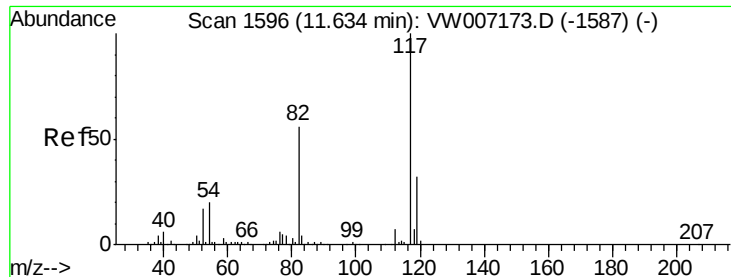
Tgt Ion: 107 Resp: 90518
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 96.292 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion: 95 Resp: 174716
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 148.4
 176 73.7 0.0 141.8

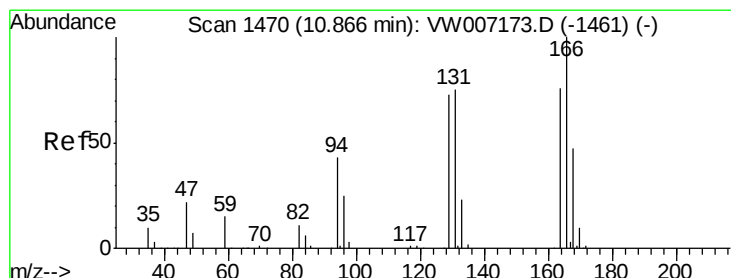
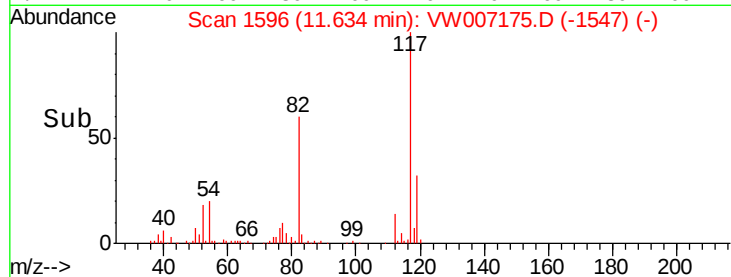
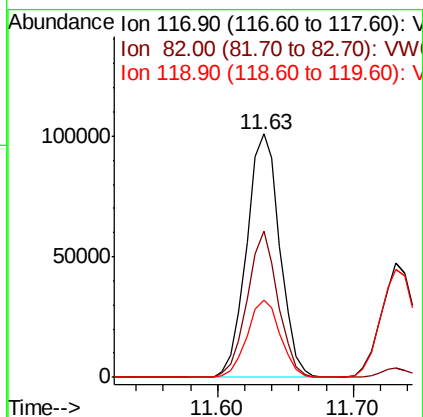
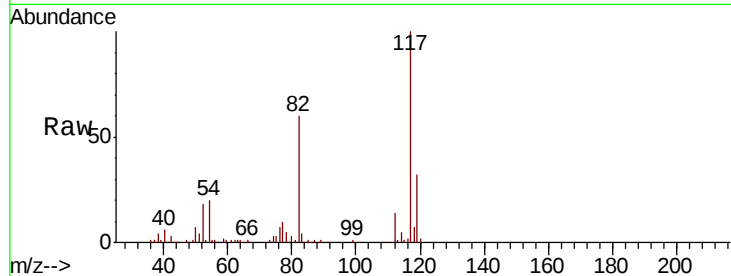




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

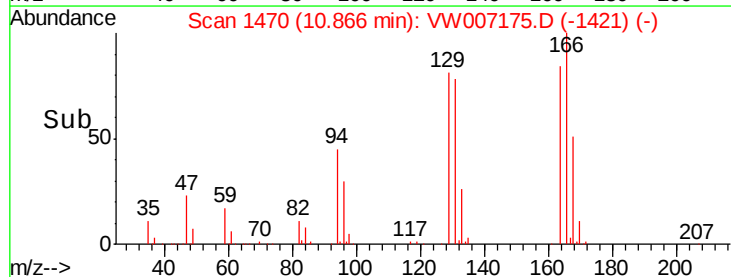
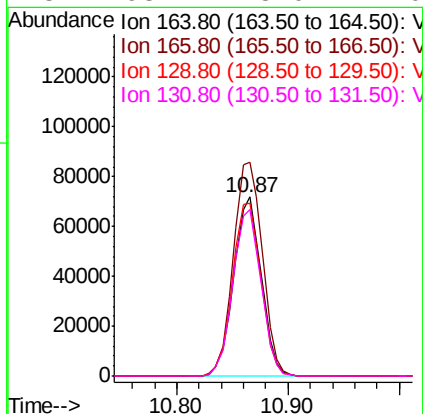
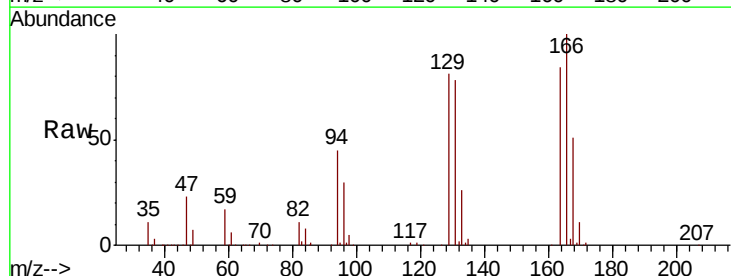
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

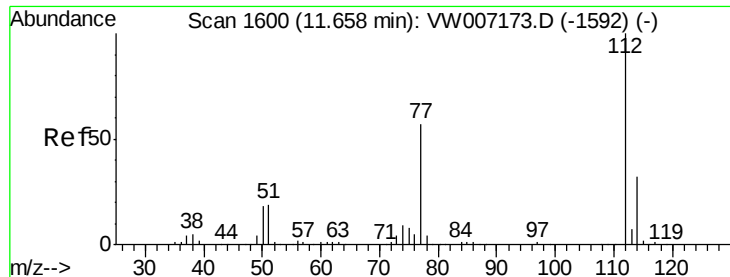
Tgt Ion:117 Resp: 172549
Ion Ratio Lower Upper
117 100
82 59.9 44.5 66.7
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 109.802 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion:164 Resp: 122986
Ion Ratio Lower Upper
164 100
166 119.2 104.6 157.0
129 96.6 76.1 114.1
131 93.2 78.0 117.0

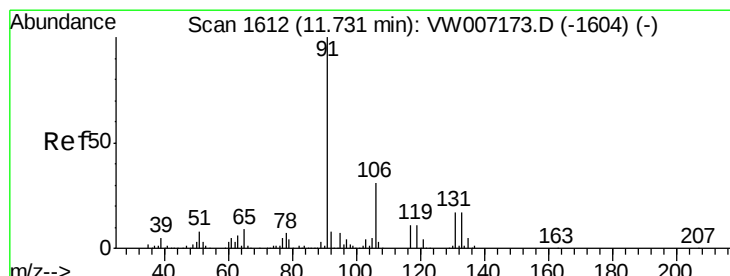
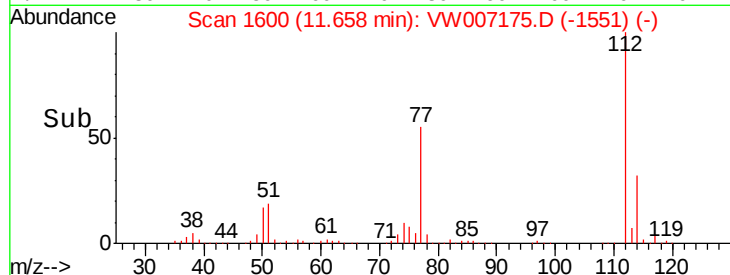
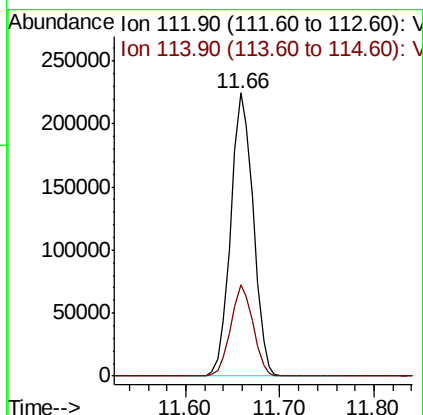
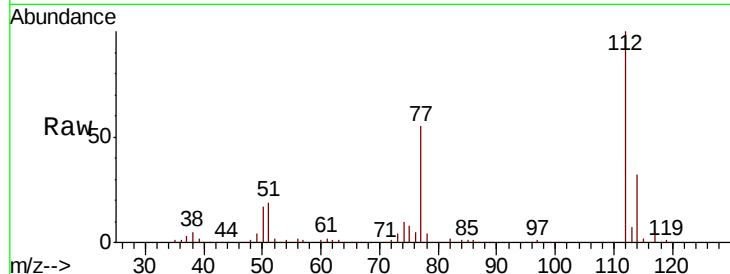




#65
Chlorobenzene
Concen: 103.745 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

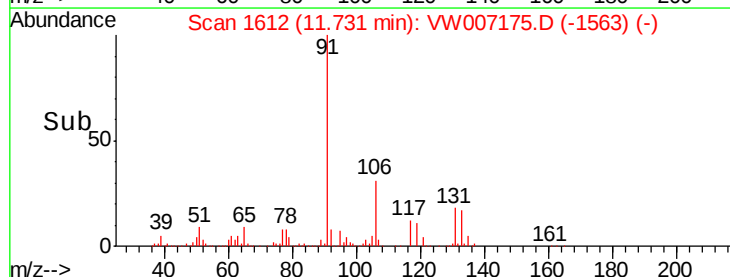
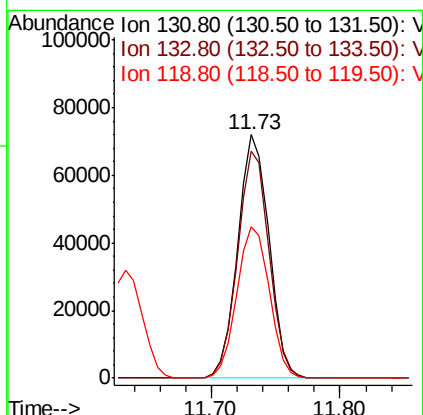
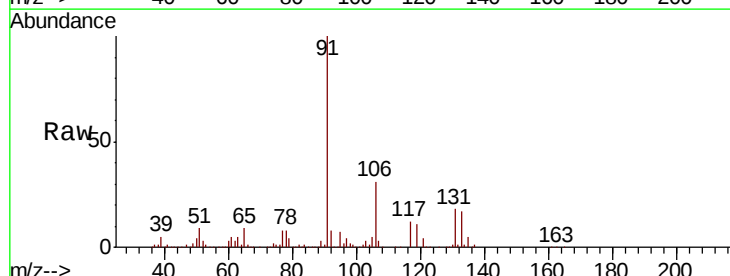
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

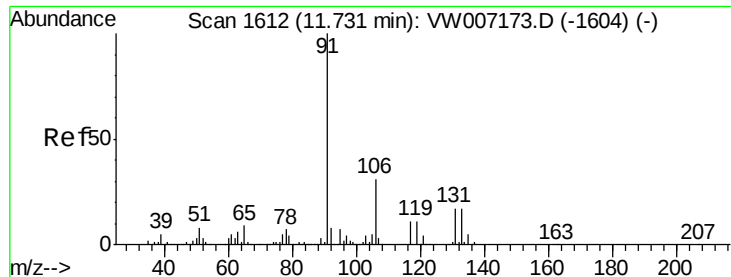
Tgt Ion:112 Resp: 372291
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 109.610 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion:131 Resp: 120569
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.8
119 64.8 31.7 95.1

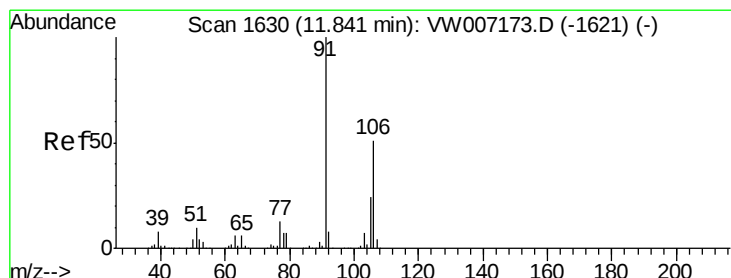
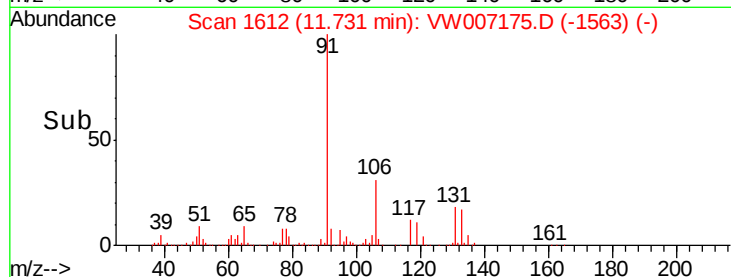
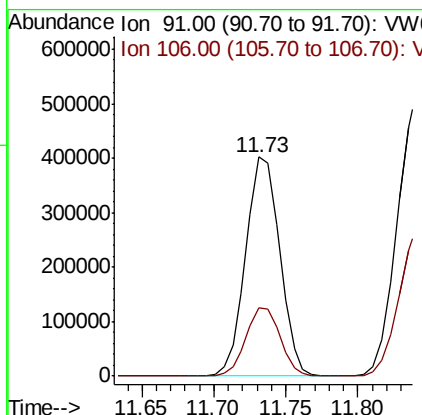
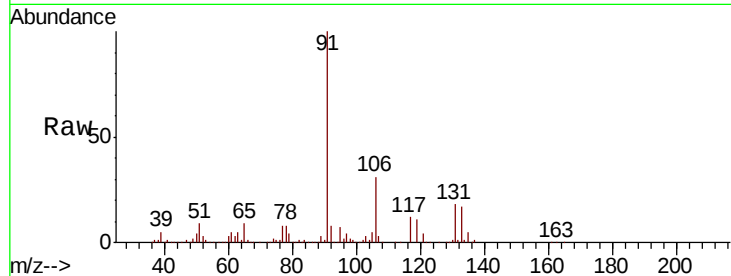




#67
Ethyl Benzene
Concen: 100.332 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

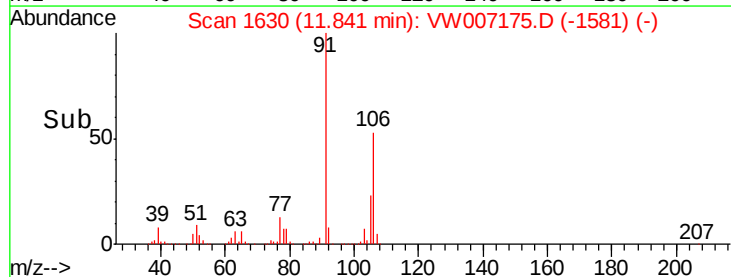
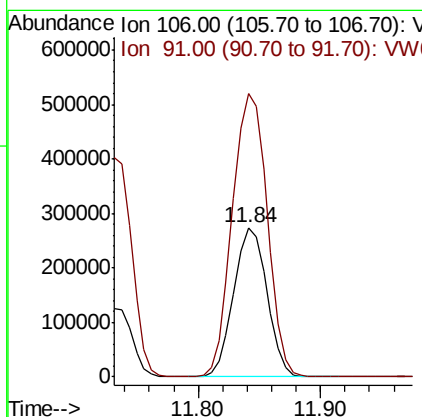
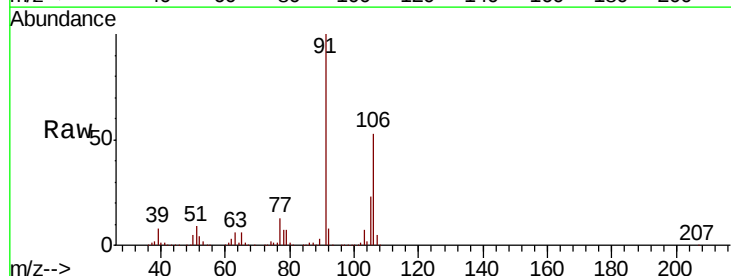
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

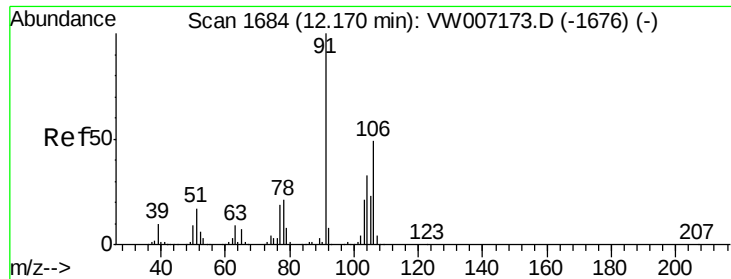
Tgt Ion: 91 Resp: 660187
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 200.430 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 106 Resp: 517794
Ion Ratio Lower Upper
106 100
91 199.1 161.4 242.2

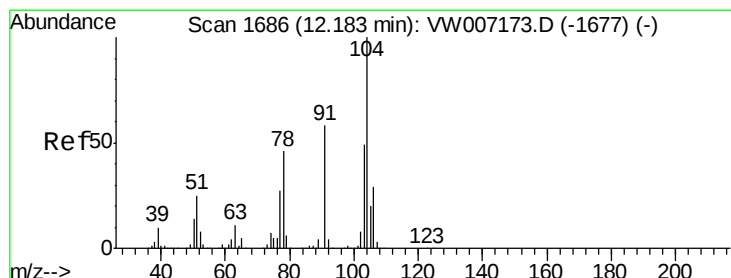
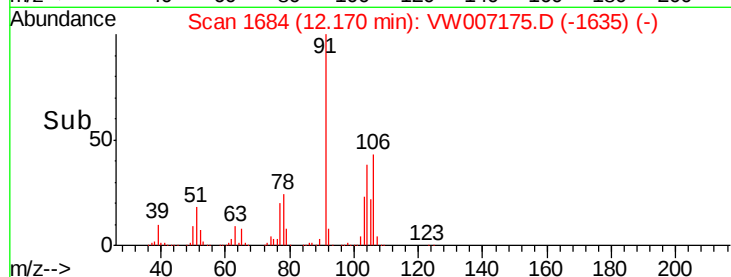
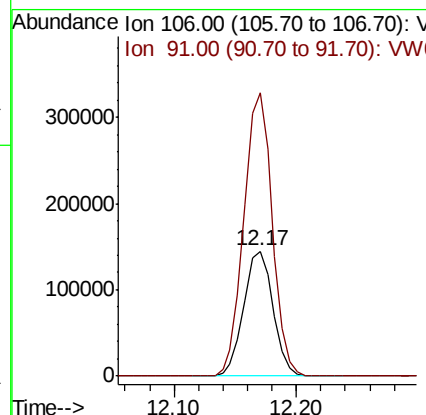
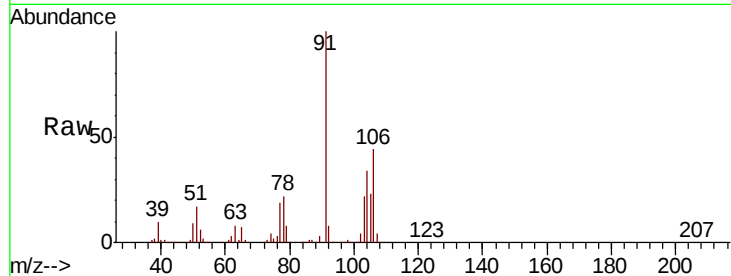




#69
o-Xylene
Concen: 99.184 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

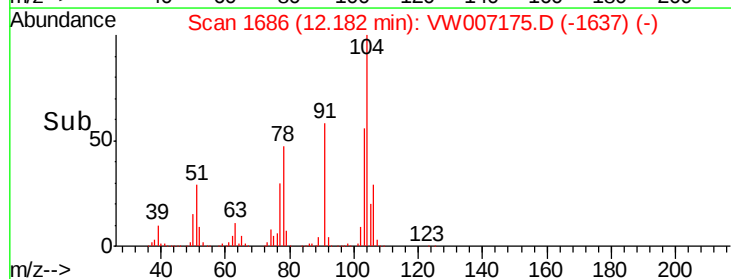
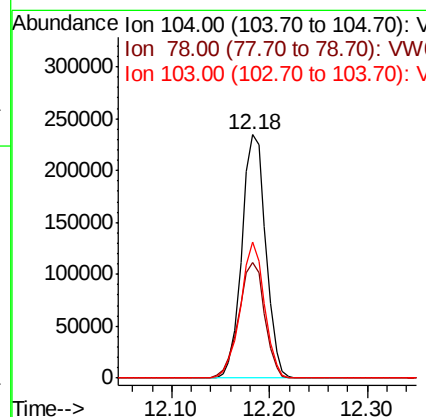
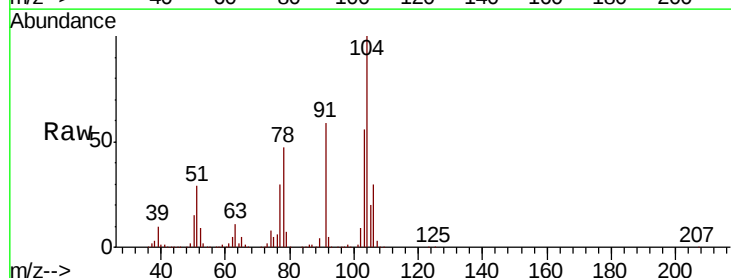
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

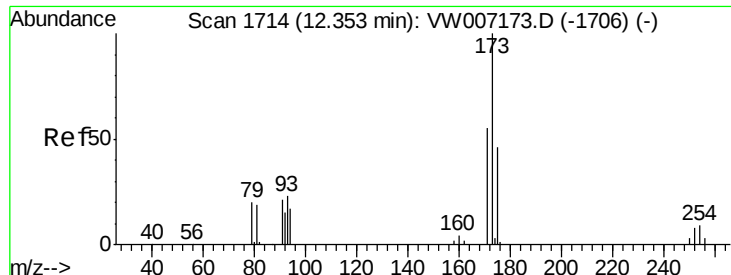
Tgt Ion:106 Resp: 241457
Ion Ratio Lower Upper
106 100
91 219.0 104.6 313.8



#70
Styrene
Concen: 102.496 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion:104 Resp: 398428
Ion Ratio Lower Upper
104 100
78 51.6 40.7 61.1
103 55.9 43.7 65.5





#71

Bromoform

Concen: 120.488 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

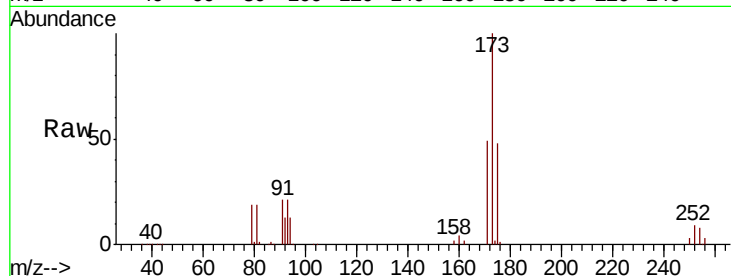
Tgt Ion:173 Resp: 63032

Ion Ratio Lower Upper

173 100

175 49.0 23.5 70.5

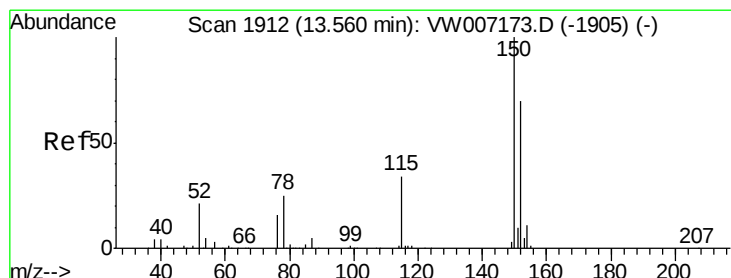
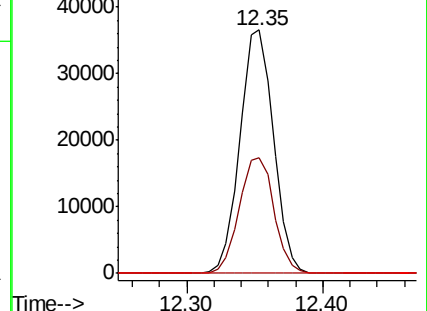
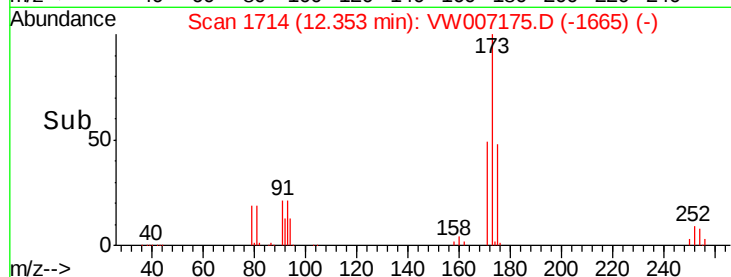
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

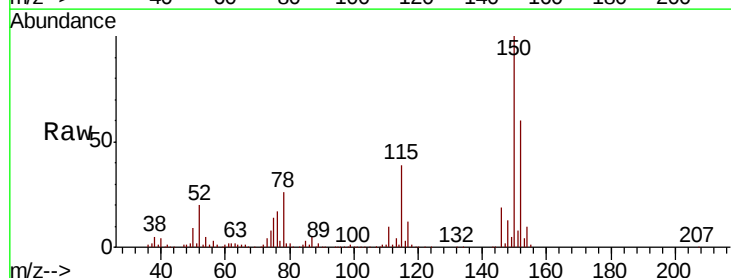
Tgt Ion:152 Resp: 86788

Ion Ratio Lower Upper

152 100

115 62.1 29.6 88.9

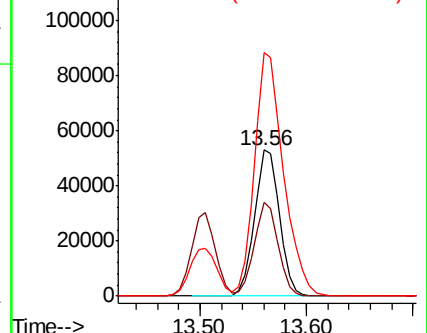
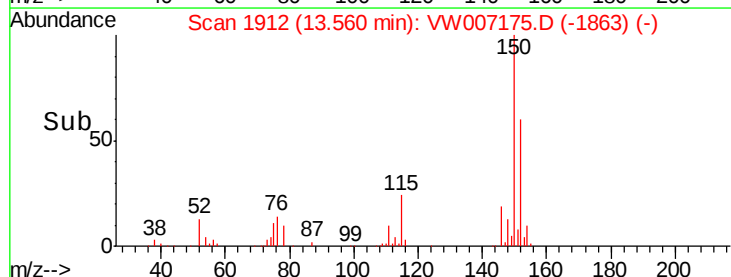
150 194.0 0.0 341.6

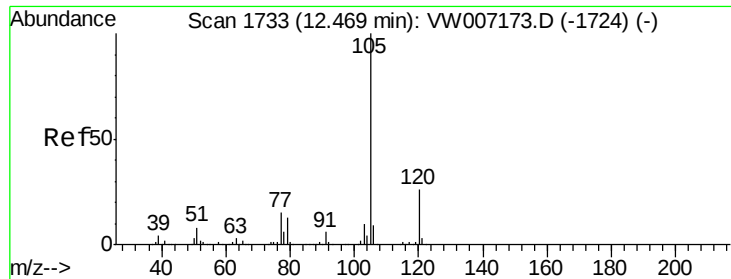


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 97.294 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

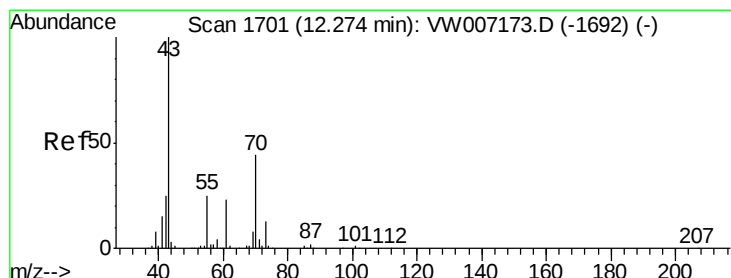
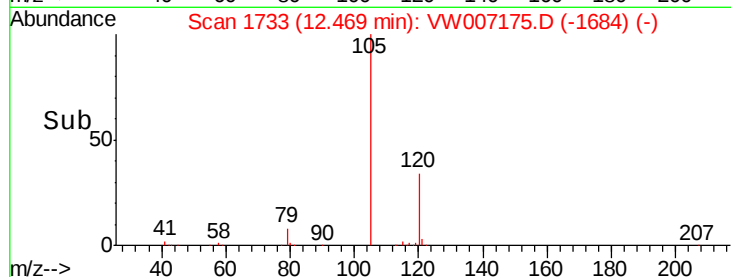
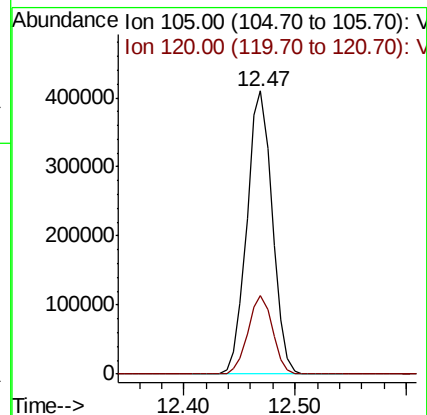
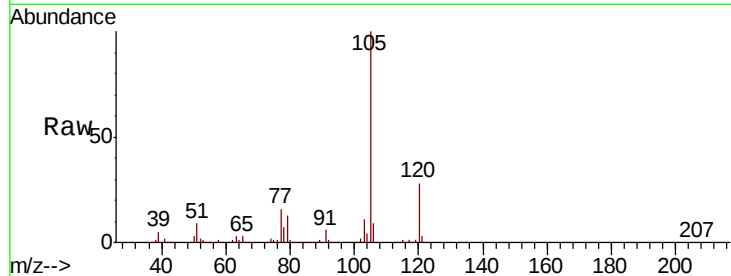
VSTDIC100

Tgt Ion:105 Resp: 648526

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 110.562 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Tgt Ion: 43 Resp: 125806

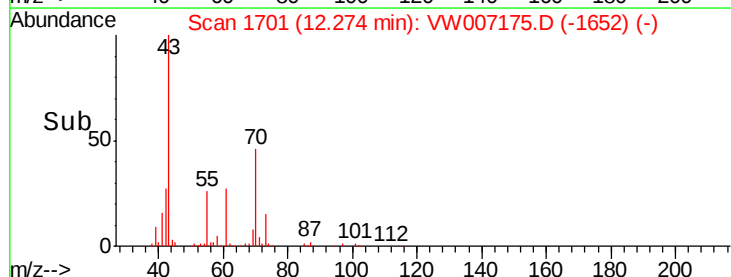
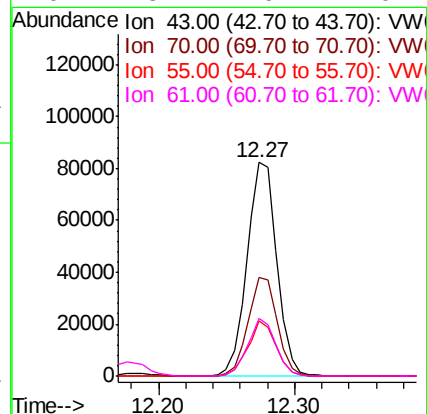
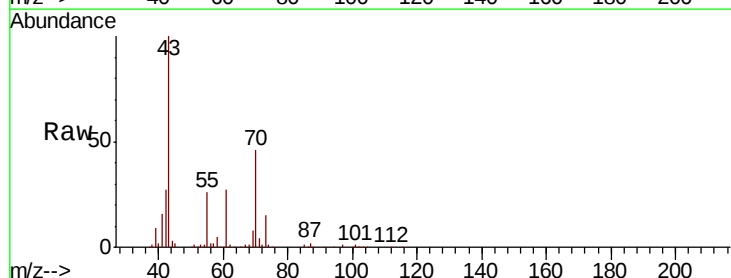
Ion Ratio Lower Upper

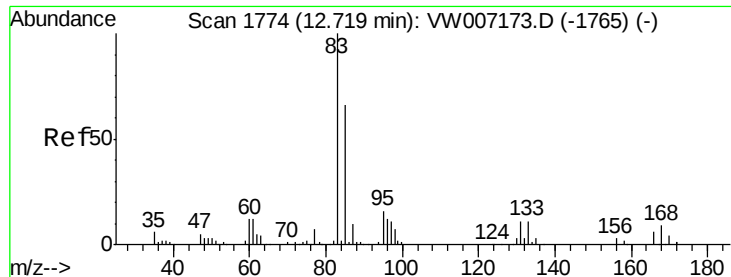
43 100

70 45.4 35.1 52.7

55 24.6 19.4 29.2

61 25.2 19.4 29.2

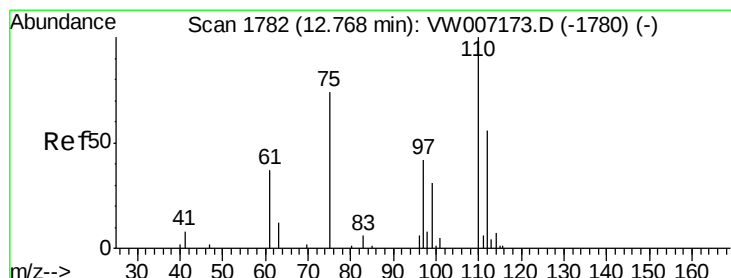
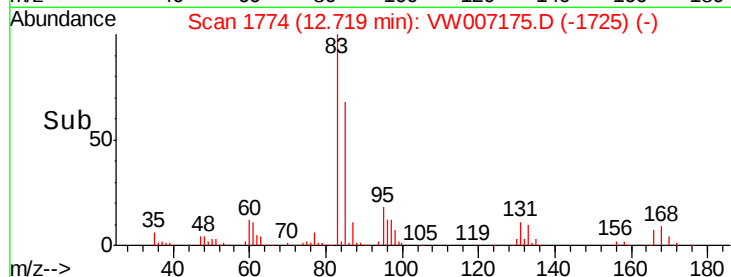
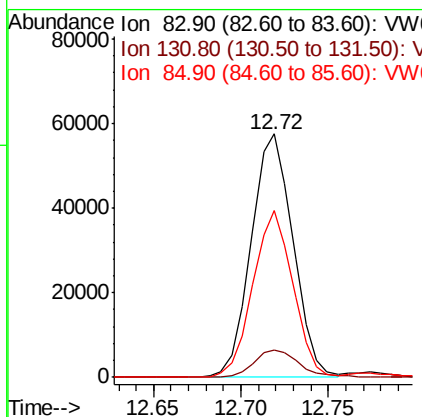
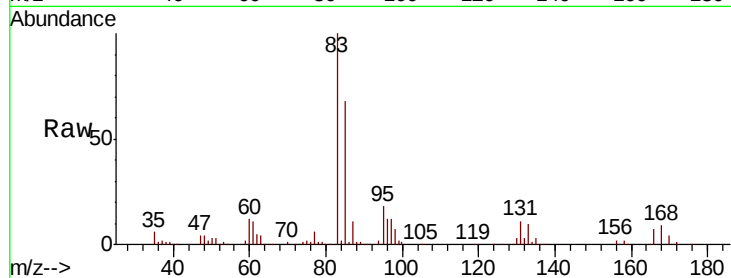




#75
 1,1,2,2-Tetrachloroethane
 Concen: 106.337 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

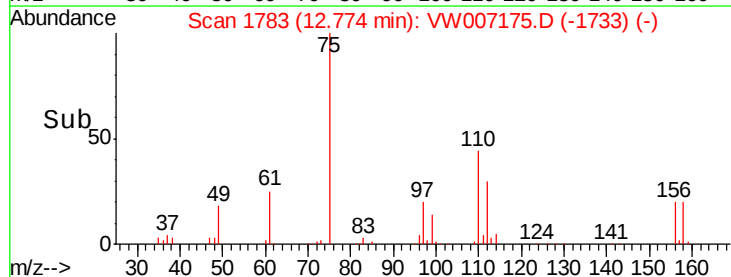
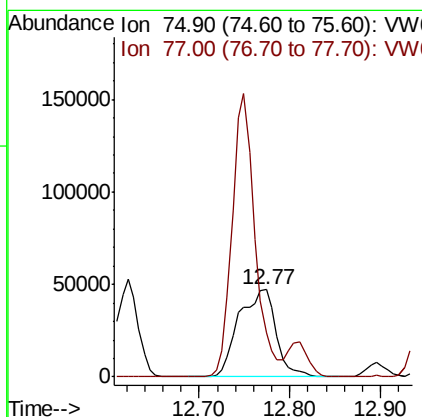
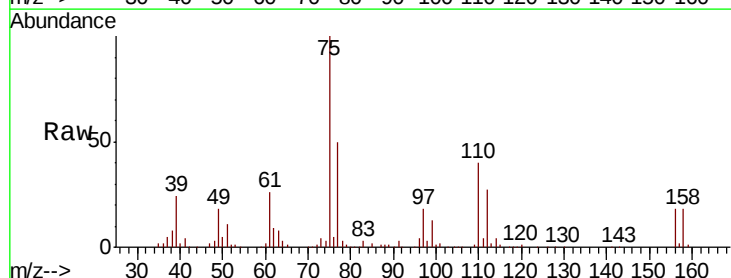
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

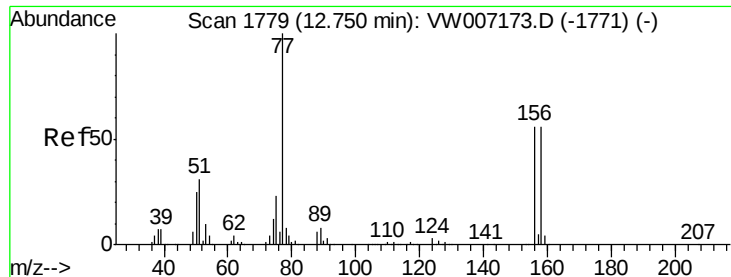
Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.0	6.2	18.6
85	65.7	32.6	98.0



#76
 1,2,3-Trichloropropane
 Concen: 190.628 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	186.5	559.5#





#77

Bromobenzene

Concen: 102.056 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007175.D

Acq: 04 Dec 2018 02:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

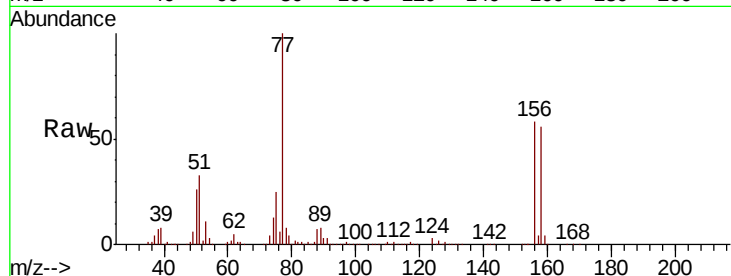
Tgt Ion:156 Resp: 146484

Ion Ratio Lower Upper

156 100

77 184.3 95.0 285.2

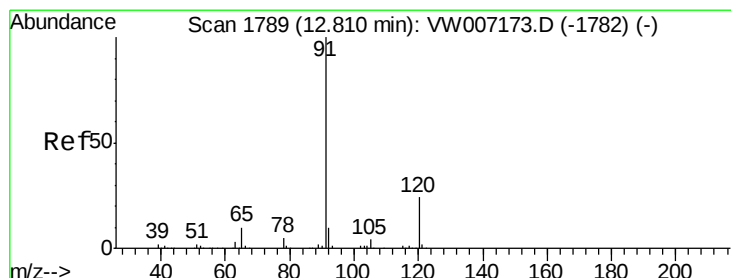
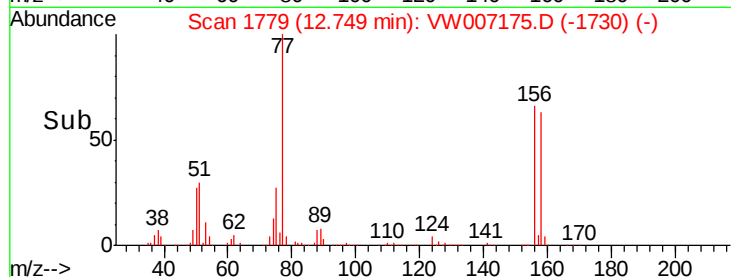
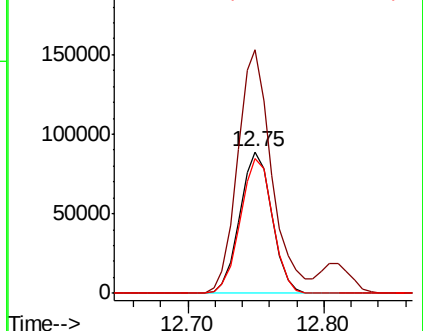
158 96.2 49.7 149.1



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: 95.310 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007175.D

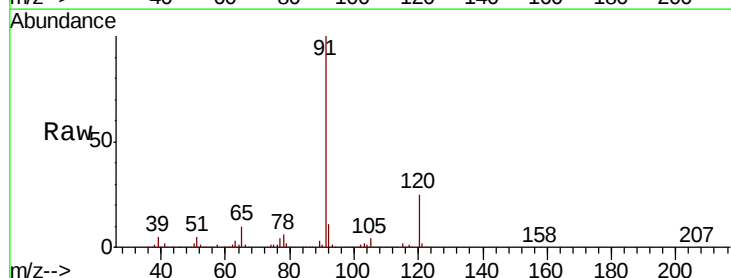
Acq: 04 Dec 2018 02:10

Tgt Ion: 91 Resp: 767700

Ion Ratio Lower Upper

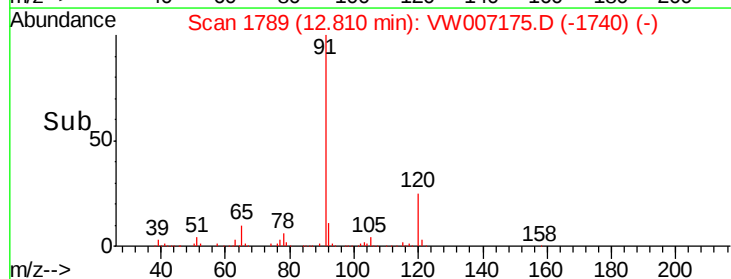
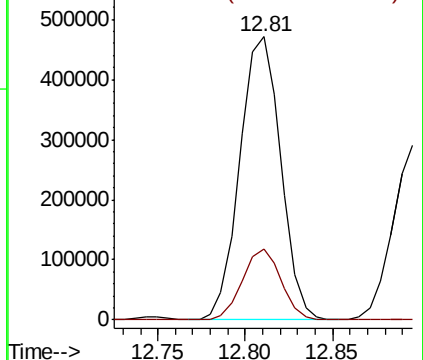
91 100

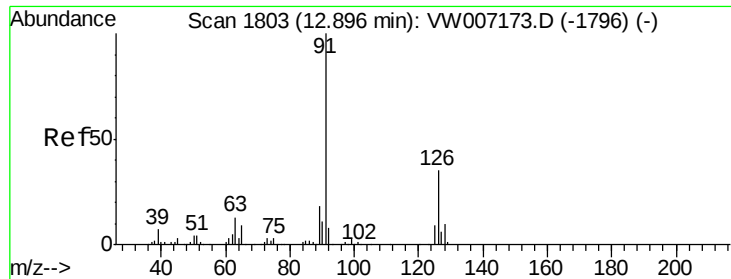
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

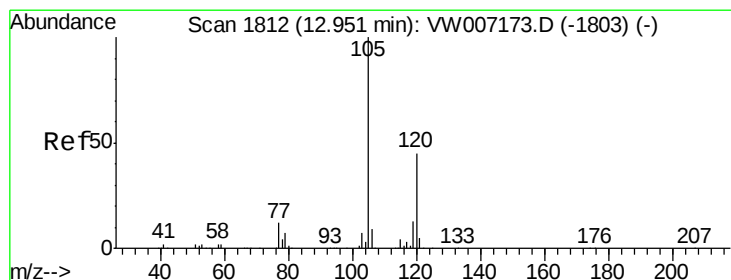
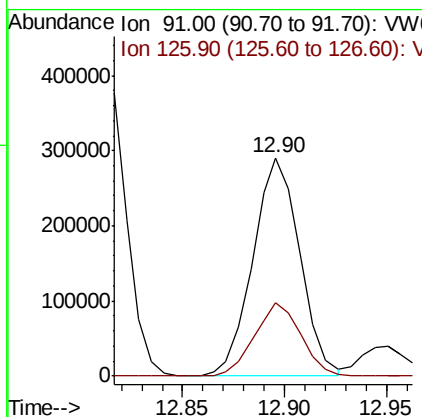
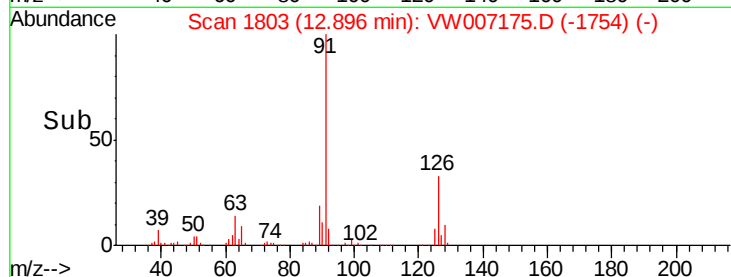
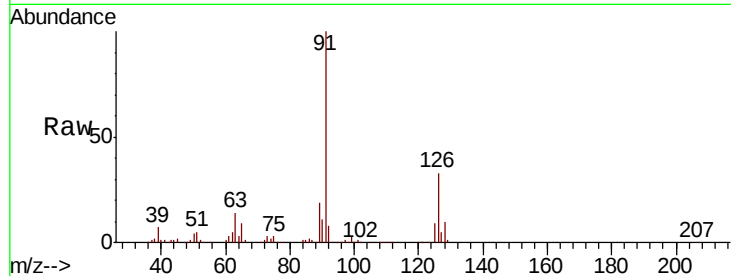




#79
2-Chlorotoluene
Concen: 99.705 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

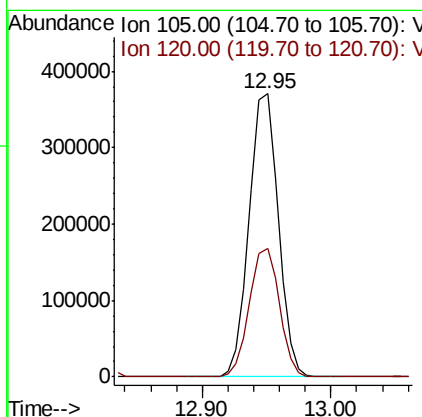
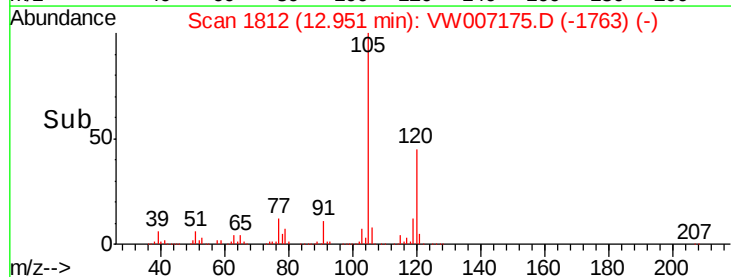
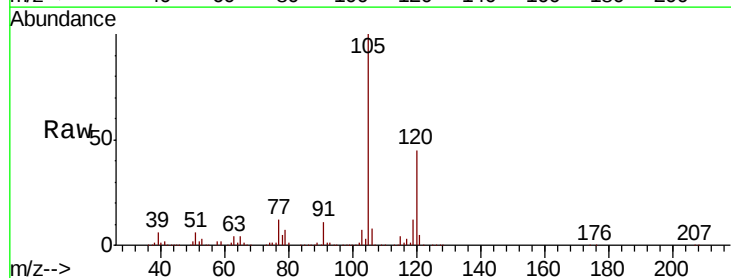
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

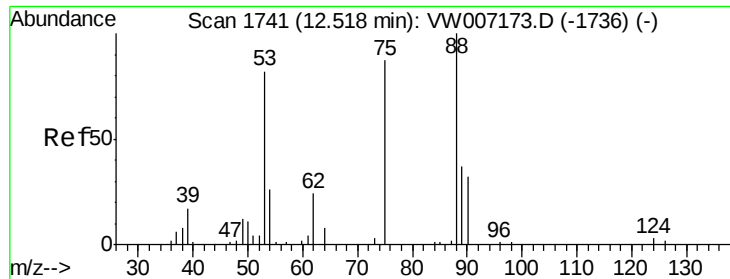
Tgt Ion: 91 Resp: 463903
Ion Ratio Lower Upper
91 100
126 33.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 100.023 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 105 Resp: 576488
Ion Ratio Lower Upper
105 100
120 46.8 23.9 71.8

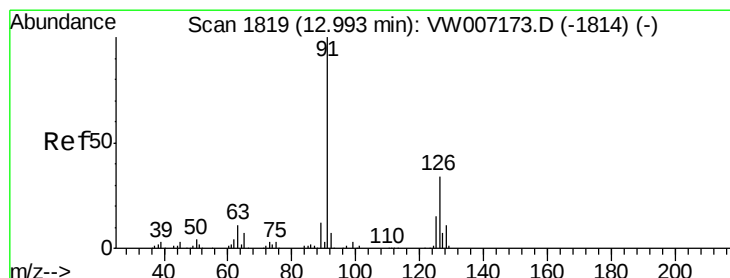
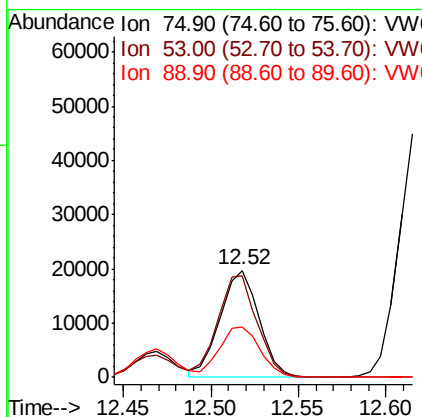
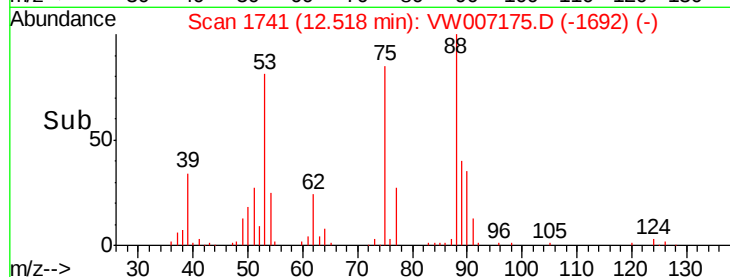
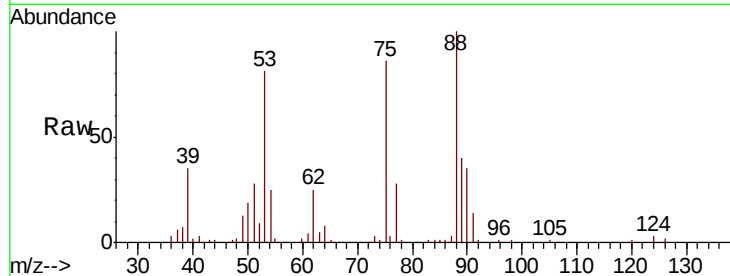




#81
trans-1,4-Dichloro-2-butene
Concen: 111.839 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

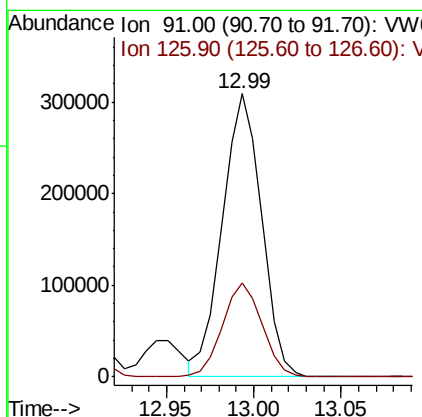
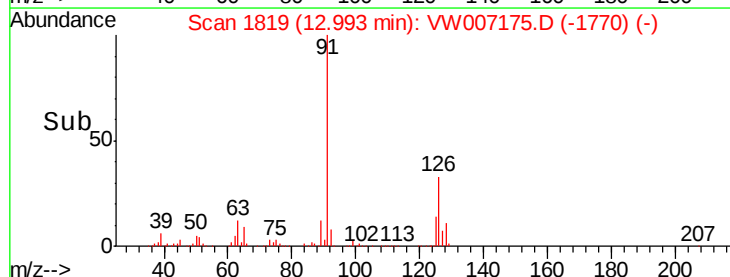
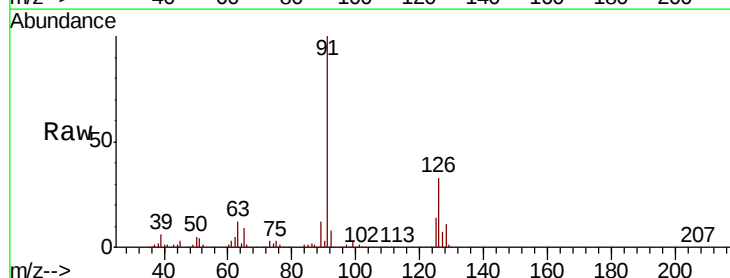
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

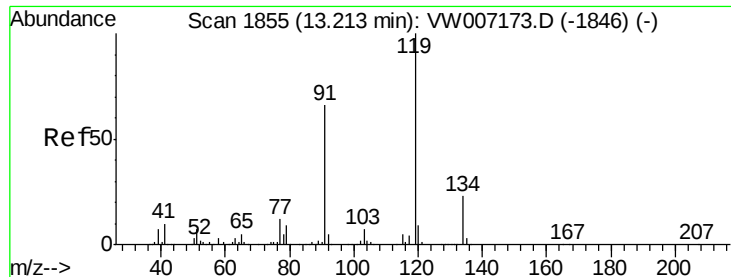
Tgt Ion: 75 Resp: 30650
Ion Ratio Lower Upper
75 100
53 96.4 73.5 110.3
89 48.1 36.4 54.6



#82
4-Chlorotoluene
Concen: 98.221 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 91 Resp: 478982
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7

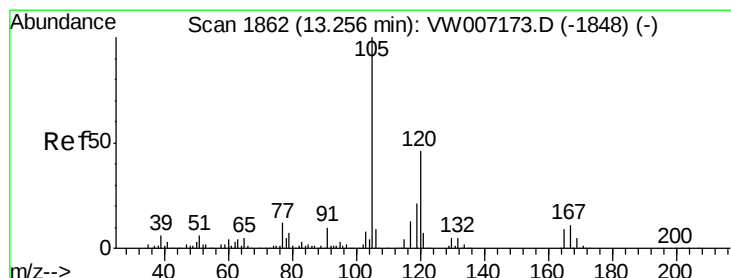
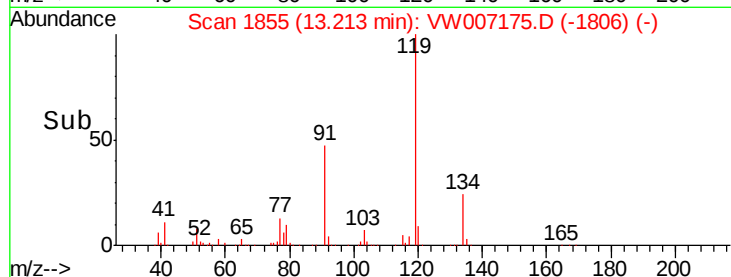
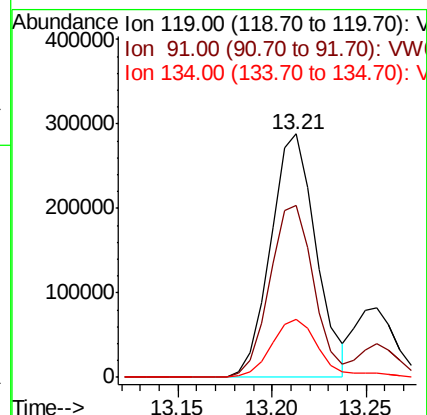
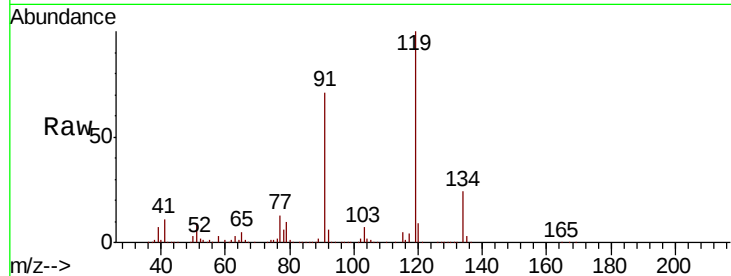




#83
tert-Butylbenzene
Concen: 96.381 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

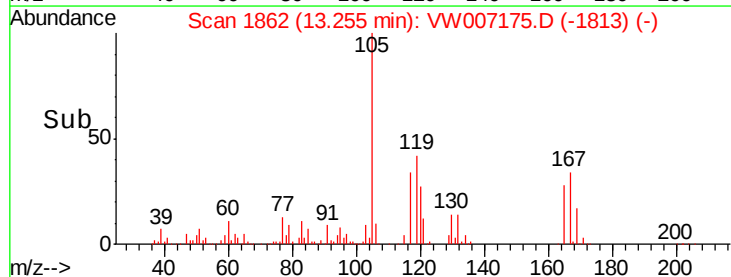
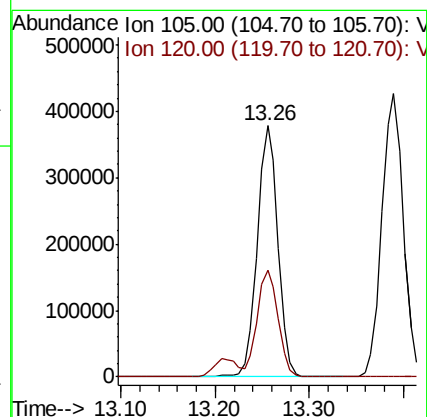
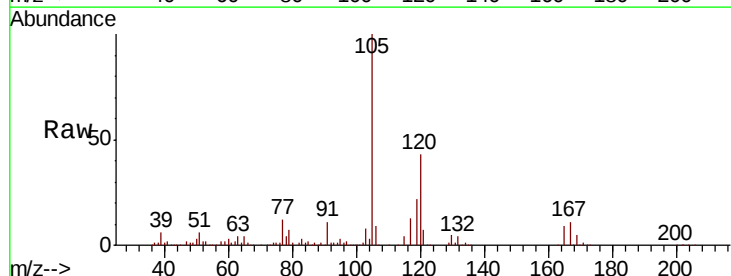
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

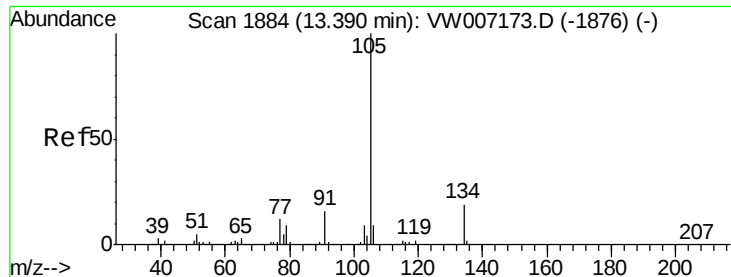
Tgt Ion:119 Resp: 481721
Ion Ratio Lower Upper
119 100
91 68.5 33.3 99.8
134 25.5 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 101.571 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion:105 Resp: 583975
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.0

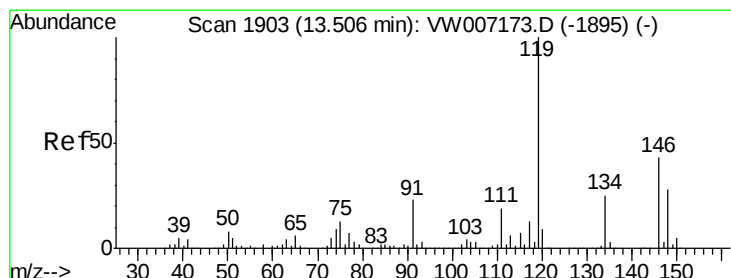
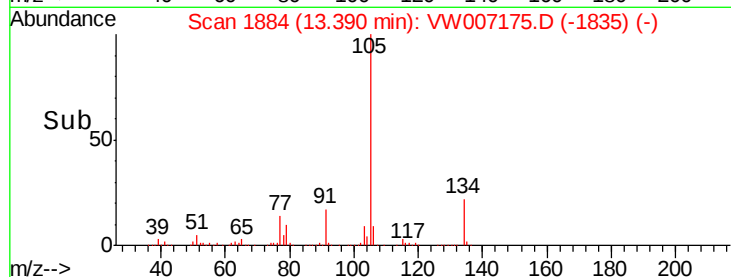
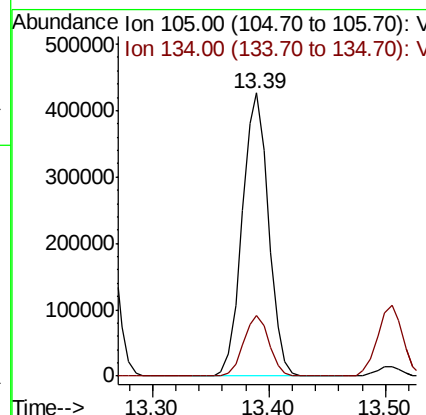
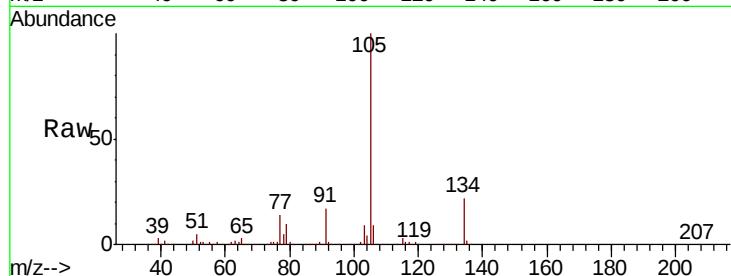




#85
 sec-Butylbenzene
 Concen: 95.223 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

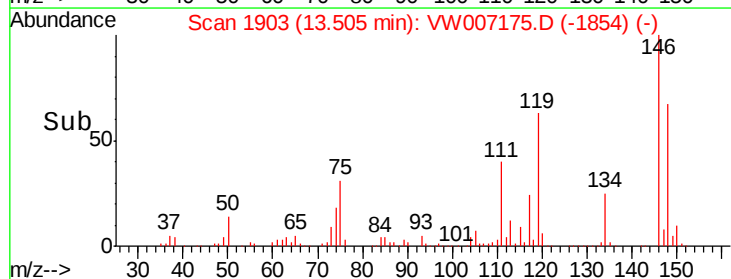
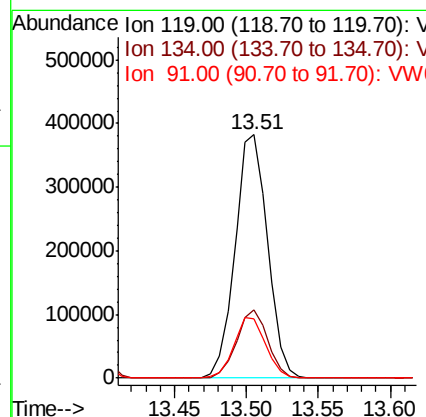
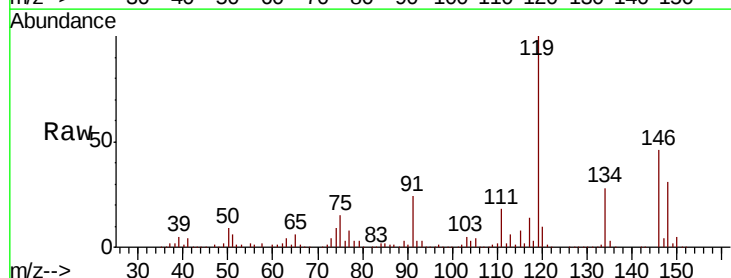
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

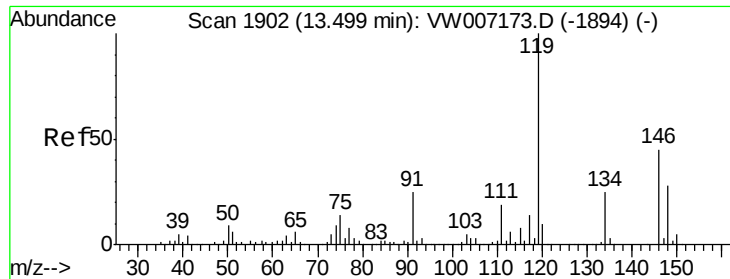
Tgt Ion:105 Resp: 670227
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 96.527 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion:119 Resp: 600116
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.7 38.0
 91 24.3 11.9 35.7

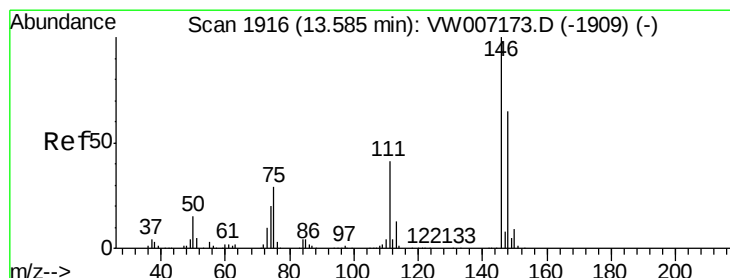
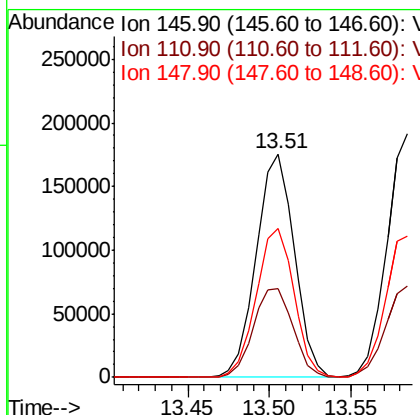
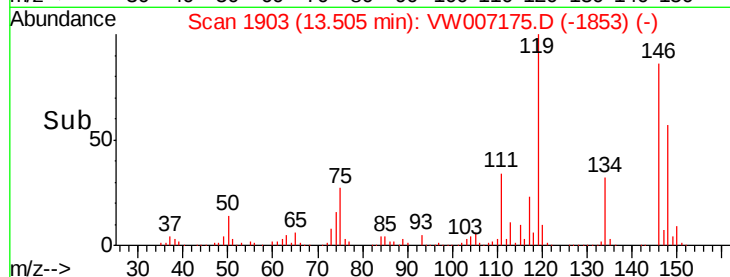
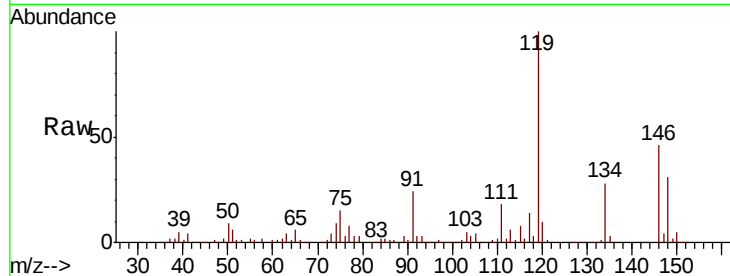




#87
 1,3-Dichlorobenzene
 Concen: 97.816 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

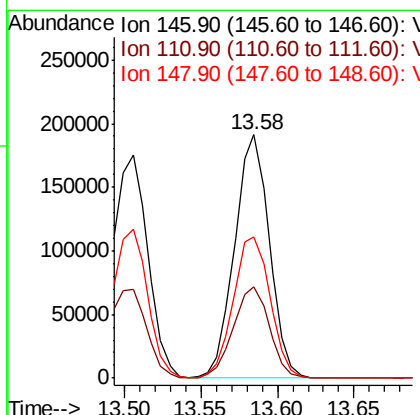
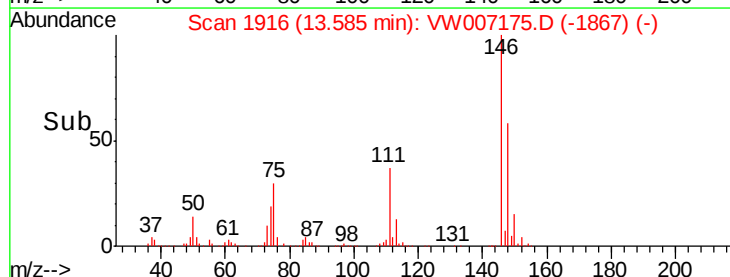
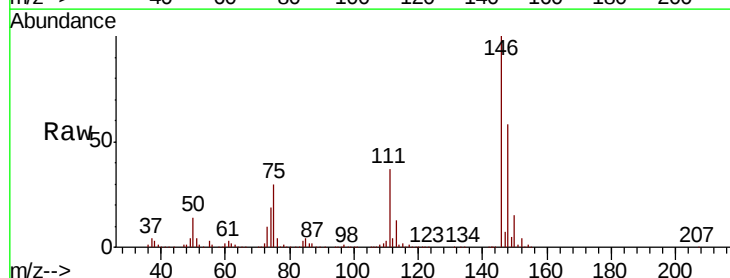
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

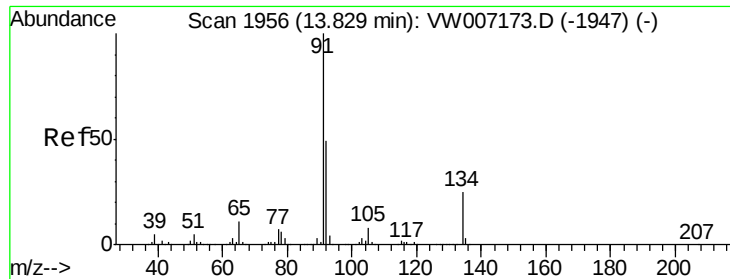
Tgt Ion:146 Resp: 285912
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.4 64.3
 148 66.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 102.689 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion:146 Resp: 300897
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.6 61.9
 148 61.8 31.9 95.5

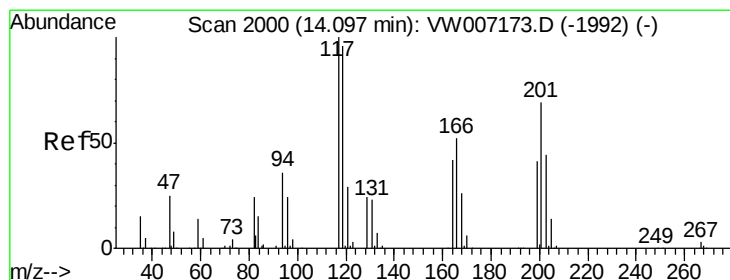
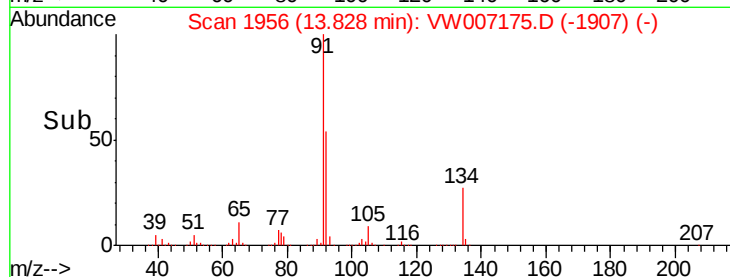
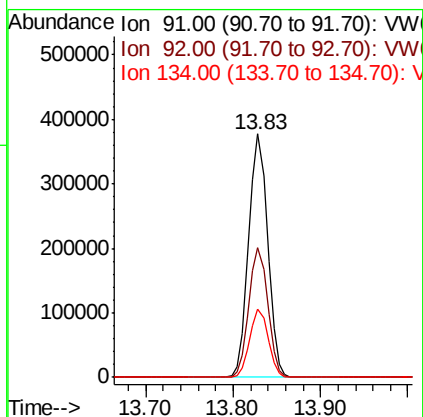
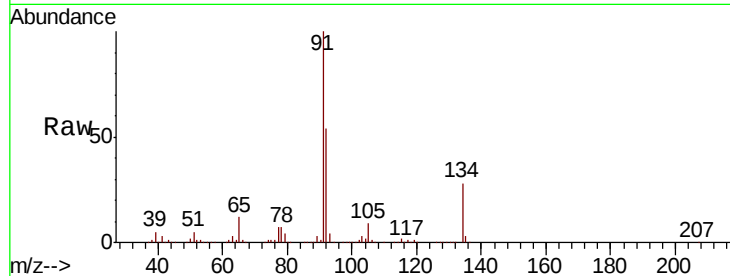




#89
n-Butylbenzene
Concen: 97.305 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

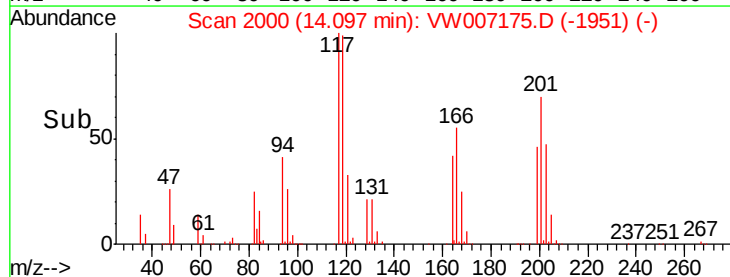
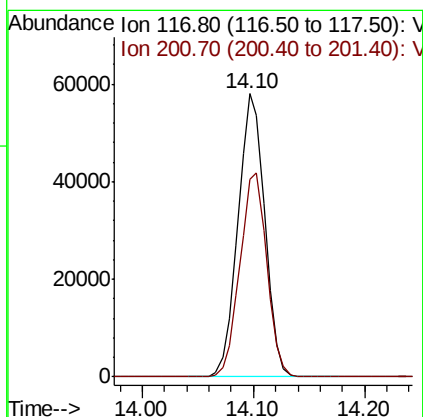
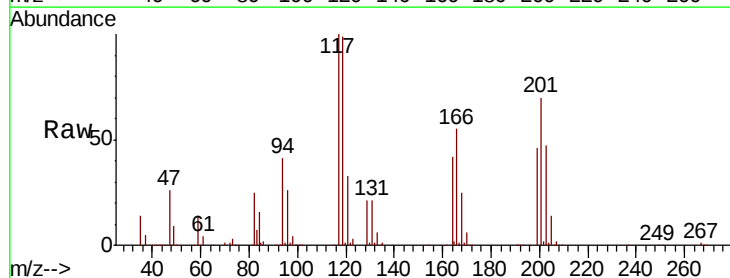
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

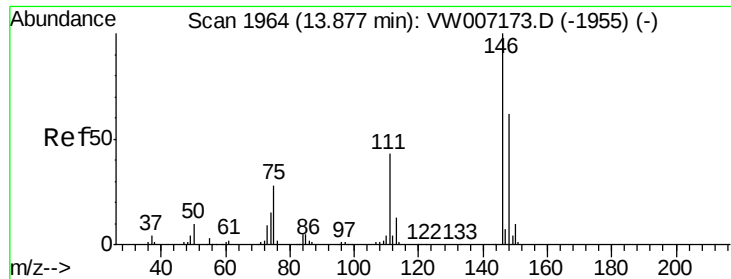
Tgt Ion: 91 Resp: 568284
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.4
134 27.5 13.1 39.1



#90
Hexachloroethane
Concen: 105.088 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion: 117 Resp: 96582
Ion Ratio Lower Upper
117 100
201 72.6 36.5 109.5

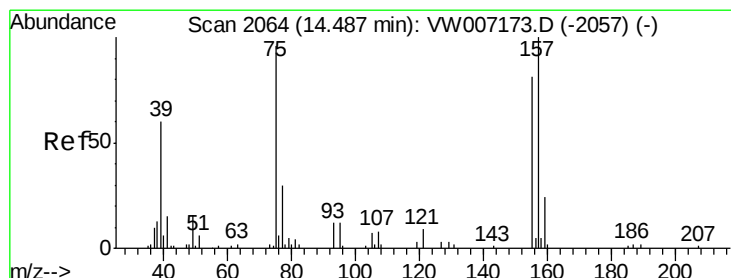
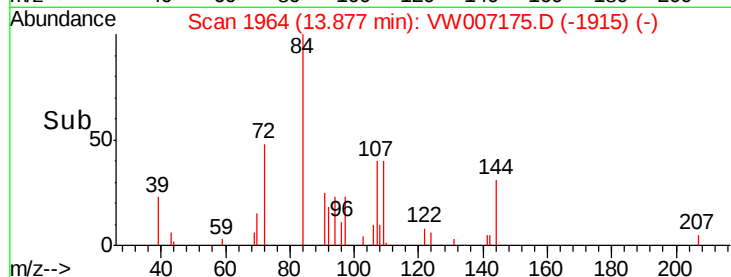
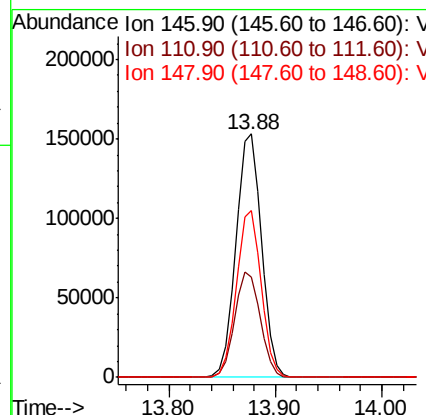
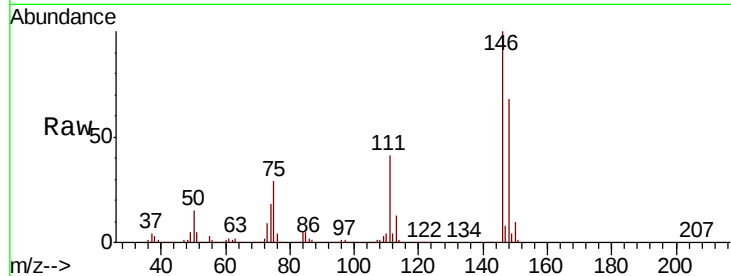




#91
 1,2-Dichlorobenzene
 Concen: 100.667 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

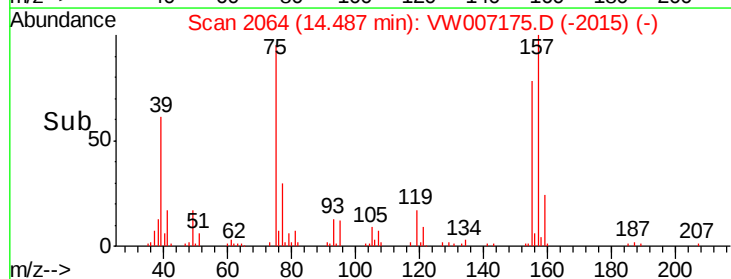
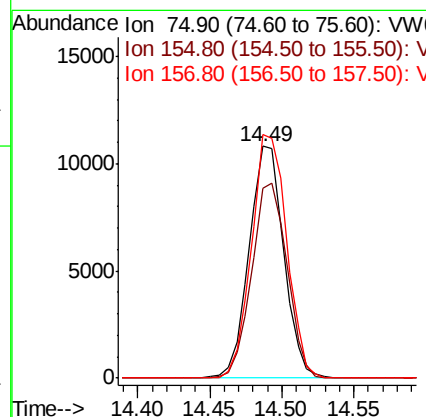
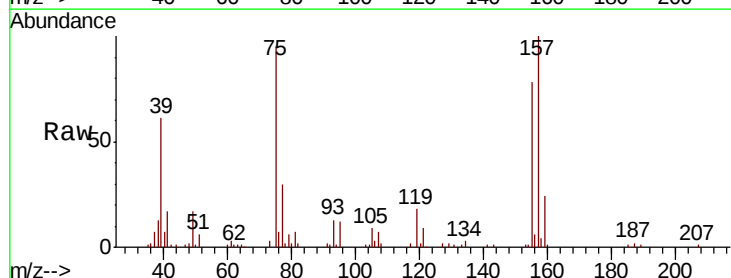
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

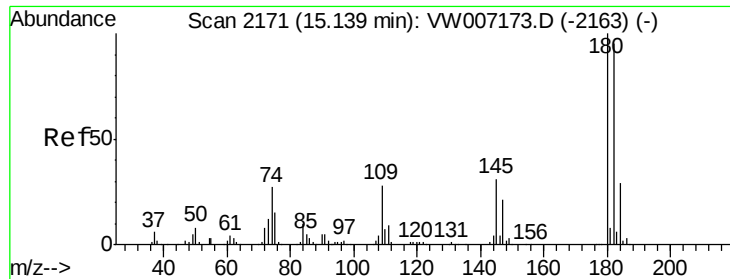
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.9	65.7
148	66.2	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 116.367 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	42.6	127.8
157	106.1	53.6	160.8

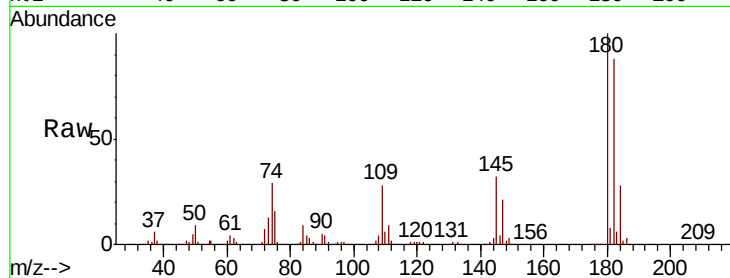




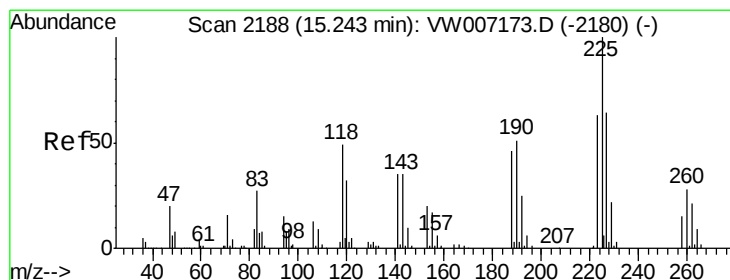
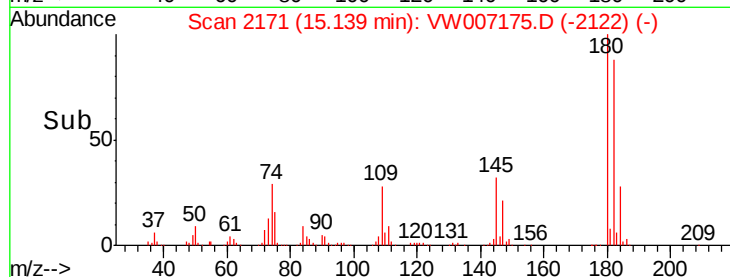
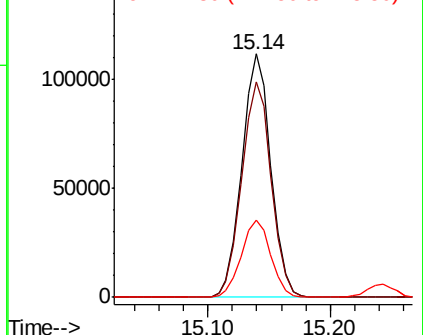
#93
 1,2,4-Trichlorobenzene
 Concen: 106.876 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.1	141.4
145	32.5	16.1	48.3

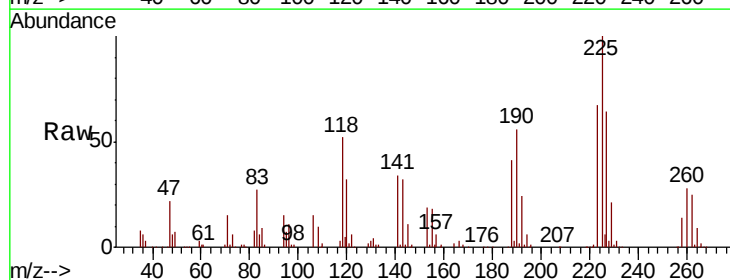


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

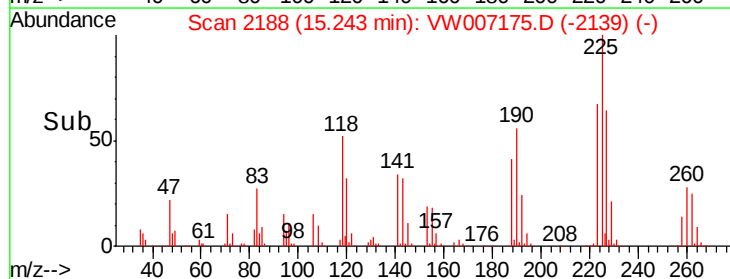
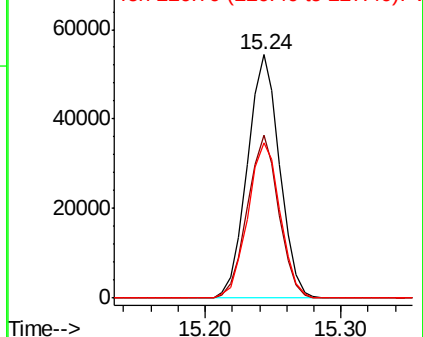


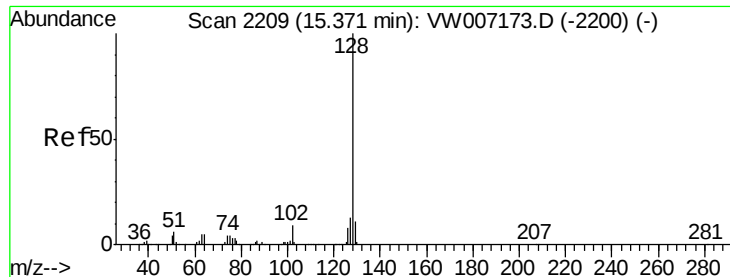
#94
 Hexachlorobutadiene
 Concen: 98.537 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007175.D
 Acq: 04 Dec 2018 02:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.1	96.3
227	64.2	32.3	96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

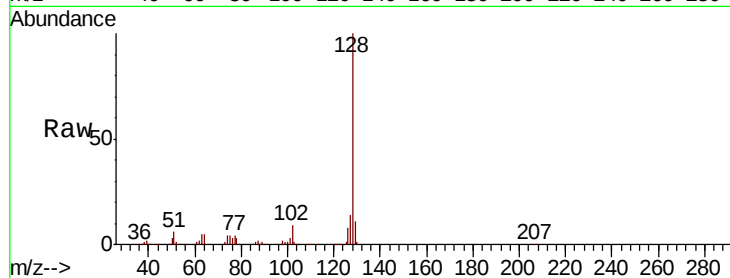




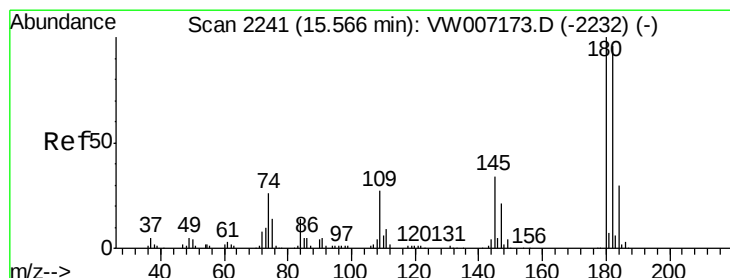
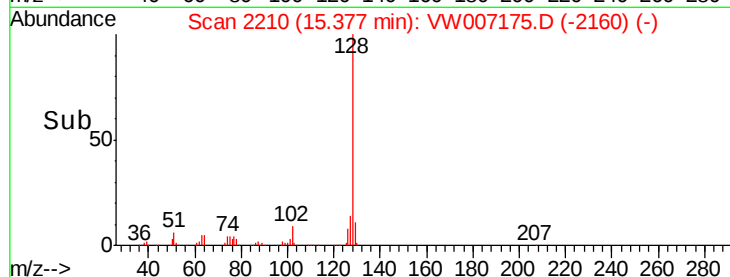
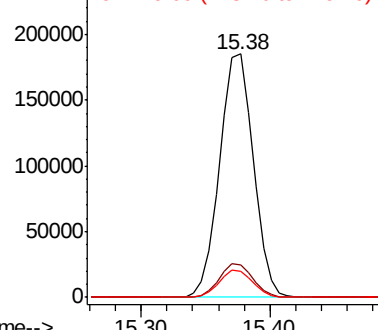
#95
Naphthalene
Concen: 107.740 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 335109
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.0 8.6 12.8

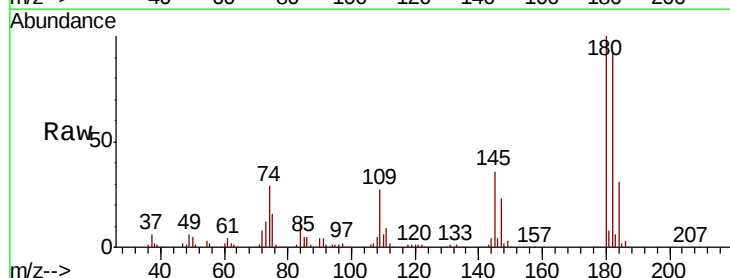


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 108.484 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007175.D
Acq: 04 Dec 2018 02:10

Tgt Ion:180 Resp: 153601
Ion Ratio Lower Upper
180 100
182 91.7 47.9 143.8
145 35.0 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

