

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007037.D
 Acq On : 26 Nov 2018 10:32
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 15:54:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82045	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52345	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	7.88	113	49923	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.32	98	229083	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.62	95	87857	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	61828	54.98	ug/l	100
3) Chloromethane	2.21	50	54333	57.98	ug/l	98
4) Vinyl Chloride	2.36	62	53809	58.36	ug/l	99
5) Bromomethane	2.78	94	28871	58.66	ug/l	89
6) Chloroethane	2.92	64	28427	55.93	ug/l	100
7) Trichlorofluoromethane	3.26	101	101873	56.19	ug/l	91
8) Diethyl Ether	3.69	74	28999	49.64	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62435	53.12	ug/l	100
10) Methyl Iodide	4.28	142	76388	56.77	ug/l	98
11) Tert butyl alcohol	5.22	59	19705	271.46	ug/l	97
12) 1,1-Dichloroethene	4.04	96	56643	54.94	ug/l	97
13) Acrolein	3.90	56	20702	277.70	ug/l	96
14) Allyl chloride	4.67	41	95477	55.84	ug/l	100
15) Acrylonitrile	5.38	53	58700	267.33	ug/l	100
16) Acetone	4.15	43	43350	267.76	ug/l	99
17) Carbon Disulfide	4.38	76	194689	58.41	ug/l	100
18) Methyl Acetate	4.68	43	28166	48.85	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	140556	52.22	ug/l	98
20) Methylene Chloride	4.92	84	67241	52.37	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	65111	54.22	ug/l	98
22) Diisopropyl ether	6.31	45	177797	53.42	ug/l	96
23) Vinyl Acetate	6.26	43	493195	279.05	ug/l	100
24) 1,1-Dichloroethane	6.22	63	109190	53.93	ug/l	99
25) 2-Butanone	7.18	43	72713	262.23	ug/l	97
26) 2,2-Dichloropropane	7.17	77	103063	56.61	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	68083	53.24	ug/l	99
28) Bromochloromethane	7.51	49	37201	49.16	ug/l	# 98
29) Tetrahydrofuran	7.53	42	45664	254.28	ug/l	99
30) Chloroform	7.68	83	110507	51.37	ug/l	98
31) Cyclohexane	7.96	56	112928	52.58	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	106501	54.97	ug/l	99
36) 1,1-Dichloropropene	8.09	75	96769	56.50	ug/l	99
37) Ethyl Acetate	7.26	43	32018	51.59	ug/l	98
38) Carbon Tetrachloride	8.07	117	95399	58.17	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	123859	57.79	ug/l	99
40) Benzene	8.33	78	258689	55.95	ug/l	100
41) Methacrylonitrile	7.49	41	19764	51.28	ug/l	98
42) 1,2-Dichloroethane	8.40	62	69469	51.76	ug/l	100
43) Isopropyl Acetate	8.43	43	64062	54.16	ug/l	99
44) Trichloroethene	9.09	130	72124	55.65	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62265	54.64	ug/l	98
46) Dibromomethane	9.46	93	30236	52.98	ug/l	100
47) Bromodichloromethane	9.65	83	81422	54.15	ug/l	96
48) Methyl methacrylate	9.44	41	31135	54.60	ug/l	99
49) 1,4-Dioxane	9.47	88	10386	1224.39	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	156729	262.22	ug/l	100
52) Toluene	10.39	92	178549	56.75	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	82868	56.89	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100543	57.13	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	44508	53.01	ug/l	97
56) Ethyl methacrylate	10.65	69	55676	57.12	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74997	53.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111937	219.78	ug/l	98
59) 2-Hexanone	10.97	43	123571	301.91	ug/l	100
60) Dibromochloromethane	11.13	129	53284	55.69	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41707	54.30	ug/l	100
64) Tetrachloroethene	10.86	164	60701	57.53	ug/l	97
65) Chlorobenzene	11.66	112	195725	57.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	59529	57.49	ug/l	99
67) Ethyl Benzene	11.73	91	362998	57.72	ug/l	99
68) m/p-Xylenes	11.84	106	285466	115.70	ug/l	99
69) o-Xylene	12.17	106	133157	57.24	ug/l	100
70) Styrene	12.18	104	214033	57.81	ug/l	100
71) Bromoform	12.35	173	28087	57.58	ug/l #	98
73) Isopropylbenzene	12.47	105	372477	58.41	ug/l	99
74) N-amyl acetate	12.27	43	63167	59.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45910	54.10	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64203	99.59	ug/l #	100
77) Bromobenzene	12.75	156	76991	56.22	ug/l	98
78) n-propylbenzene	12.81	91	444264	57.52	ug/l	100
79) 2-Chlorotoluene	12.90	91	252803	56.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	320294	58.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15243	59.36	ug/l	98
82) 4-Chlorotoluene	12.99	91	267018	57.13	ug/l	100
83) tert-Butylbenzene	13.21	119	276218	57.86	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	317638	57.82	ug/l	98
85) sec-Butylbenzene	13.39	105	394490	58.49	ug/l	99
86) p-Isopropyltoluene	13.51	119	347918	58.47	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	159282	56.97	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	158305	56.79	ug/l	98
89) n-Butylbenzene	13.83	91	329565	58.86	ug/l	100
90) Hexachloroethane	14.10	117	52402	60.33	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	138535	56.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8321	58.06	ug/l	91

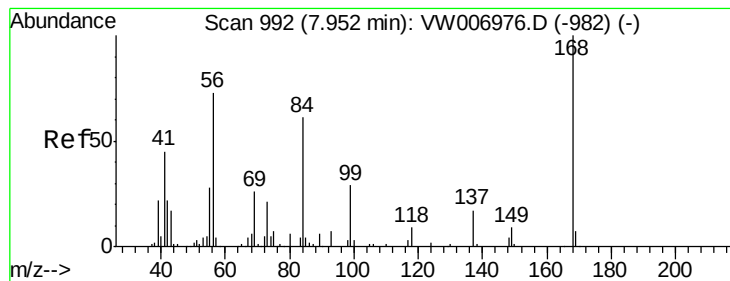
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89760	55.56	ug/l	99
94) Hexachlorobutadiene	15.24	225	50672	57.70	ug/l	99
95) Naphthalene	15.38	128	159335	54.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75277	56.17	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

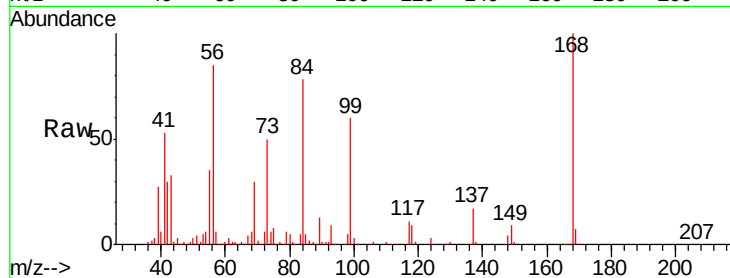
VSTDCCC050

Tgt Ion:168 Resp: 113897

Ion Ratio Lower Upper

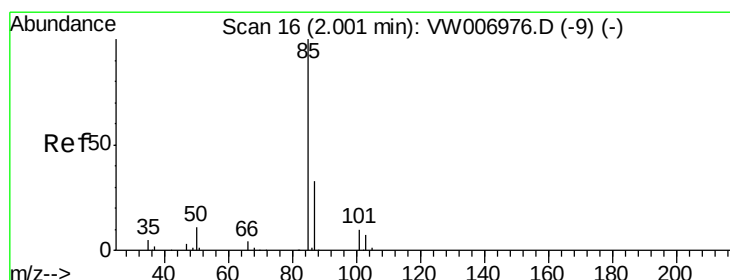
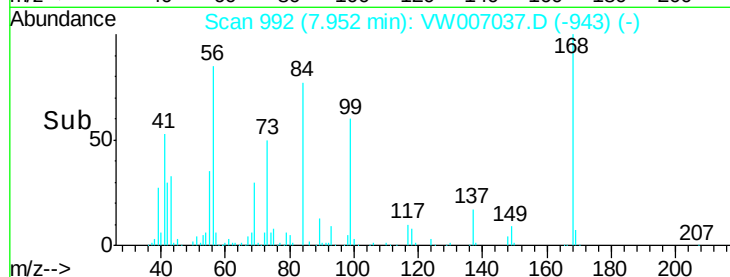
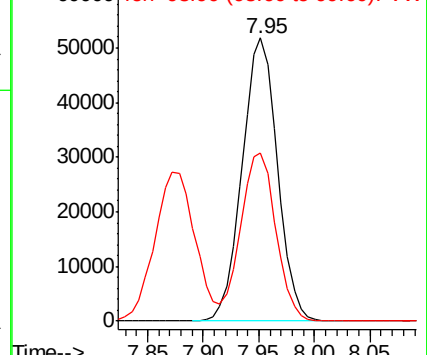
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.98 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007037.D

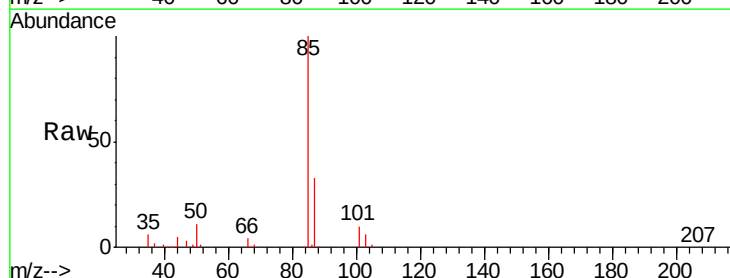
Acq: 26 Nov 2018 10:32

Tgt Ion: 85 Resp: 61828

Ion Ratio Lower Upper

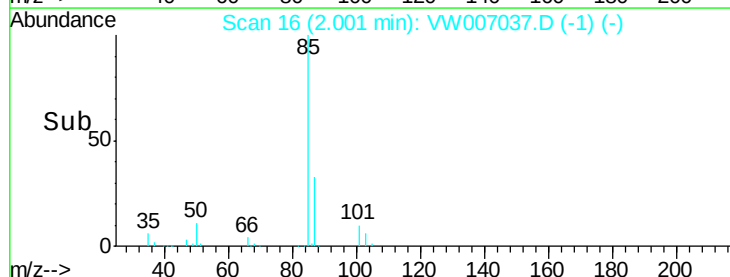
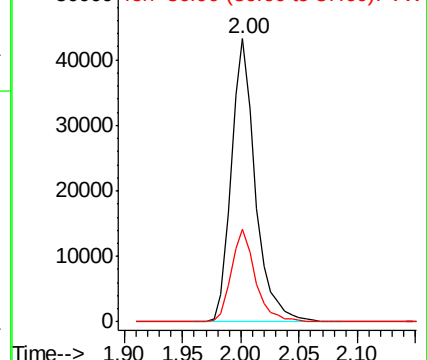
85 100

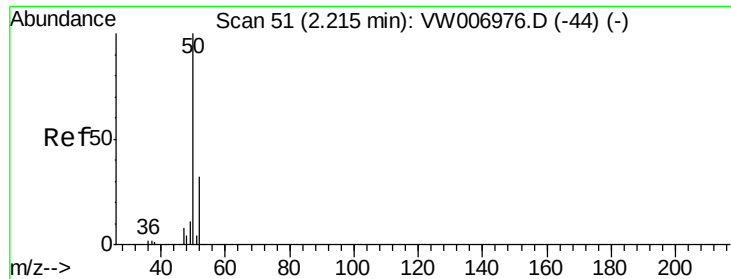
87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 57.98 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

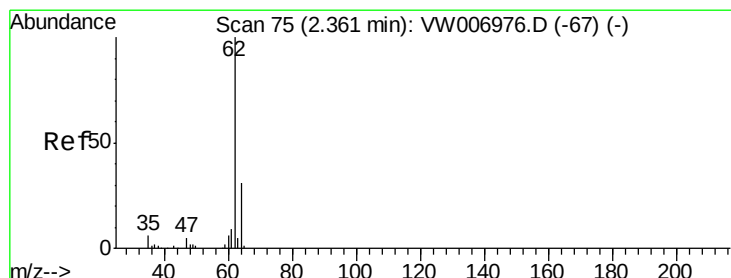
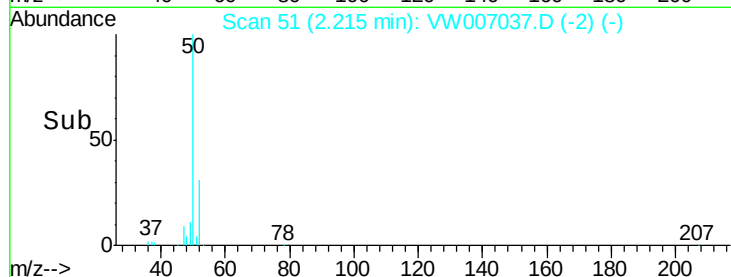
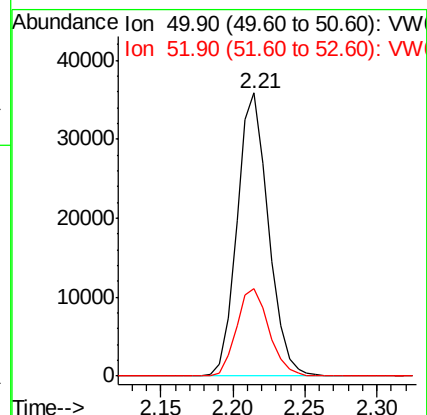
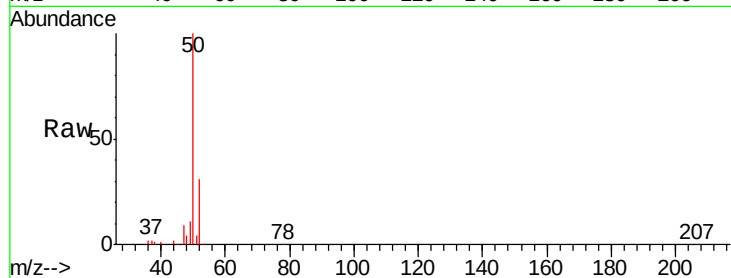
VSTDCCC050

Tgt Ion: 50 Resp: 54333

Ion Ratio Lower Upper

50 100

52 30.8 25.7 38.5



#4

Vinyl Chloride

Concen: 58.36 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007037.D

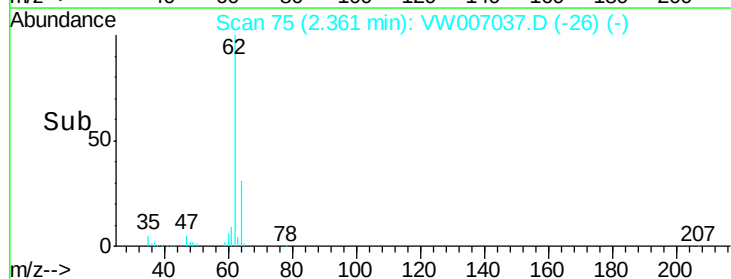
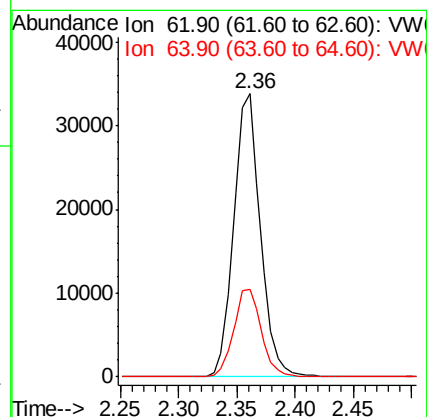
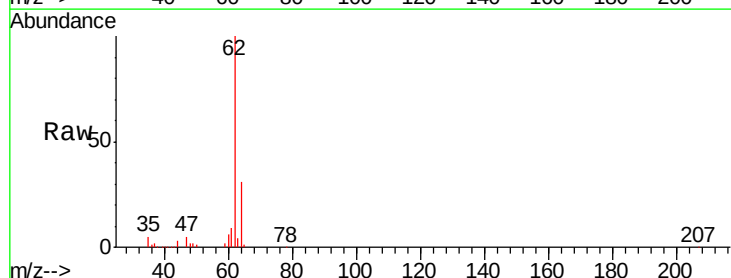
Acq: 26 Nov 2018 10:32

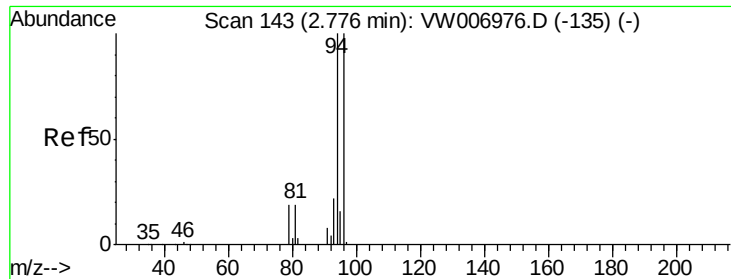
Tgt Ion: 62 Resp: 53809

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 58.66 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

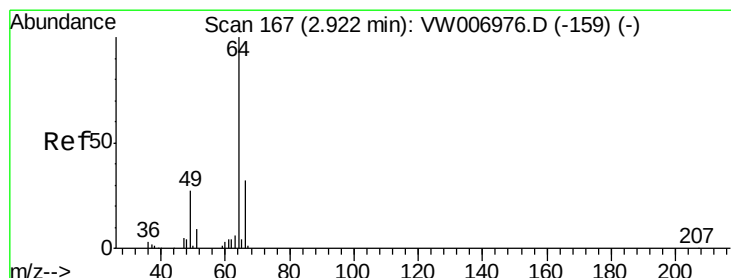
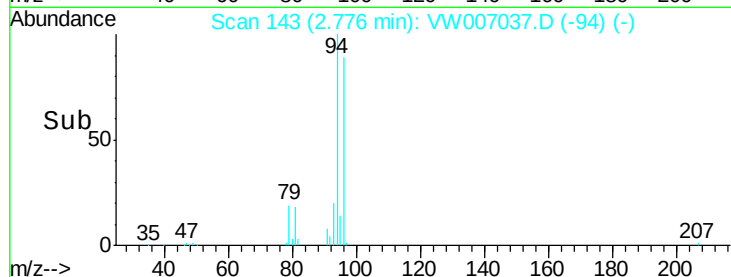
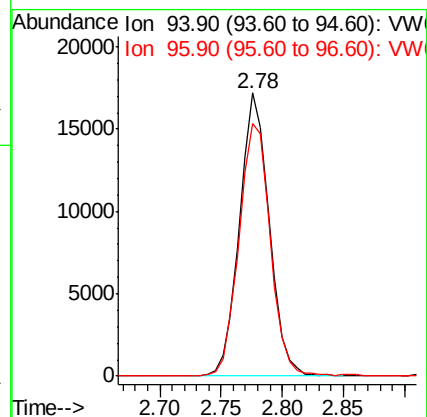
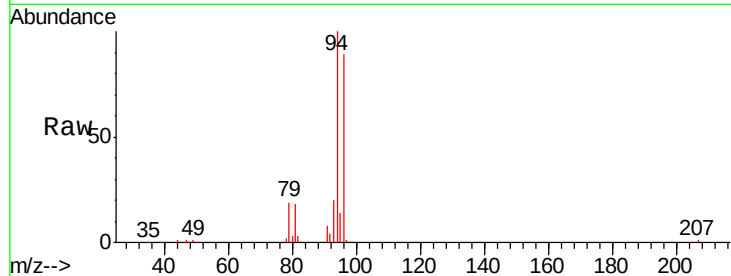
VSTDCCC050

Tgt Ion: 94 Resp: 28871

Ion Ratio Lower Upper

94 100

96 89.3 80.2 120.2



#6

Chloroethane

Concen: 55.93 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007037.D

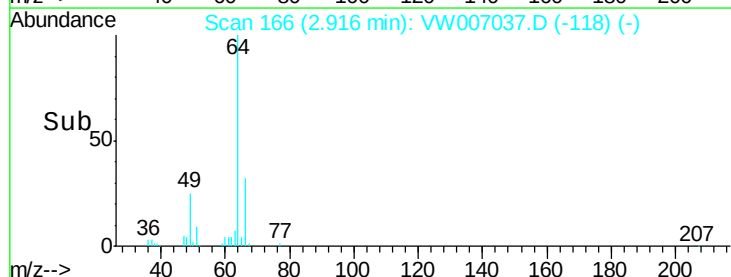
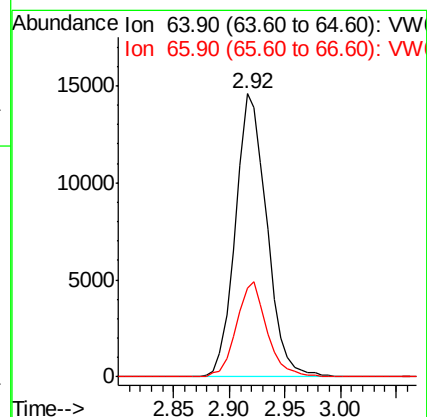
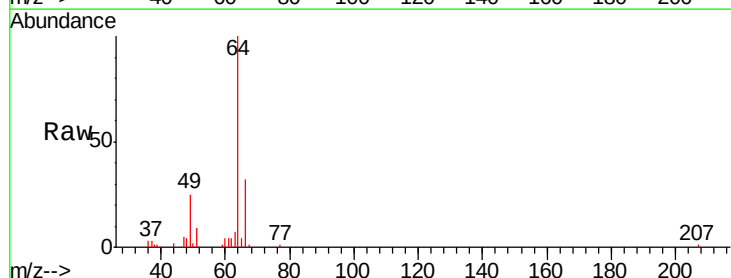
Acq: 26 Nov 2018 10:32

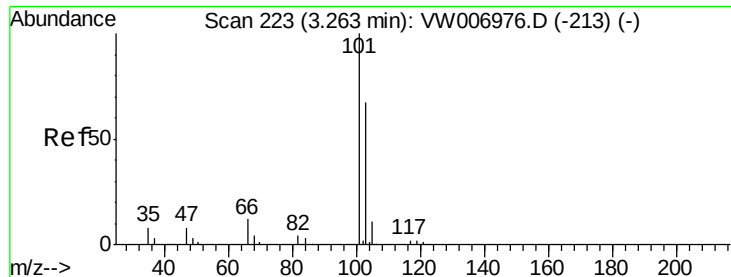
Tgt Ion: 64 Resp: 28427

Ion Ratio Lower Upper

64 100

66 31.5 25.3 37.9



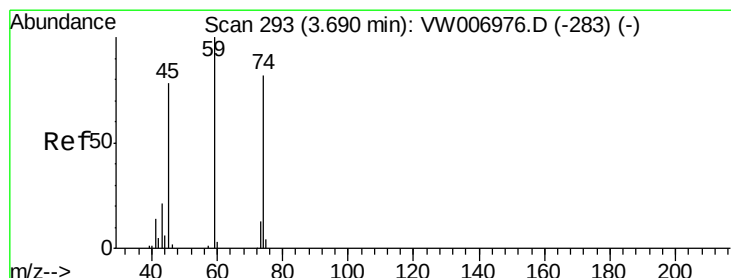
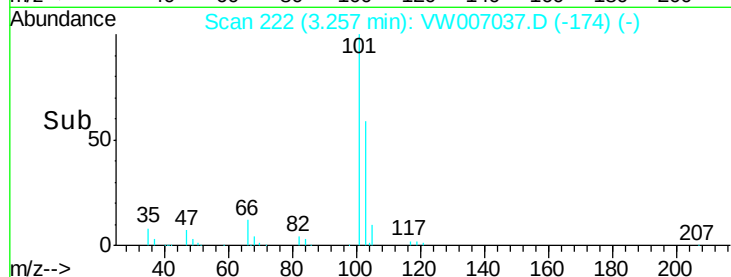
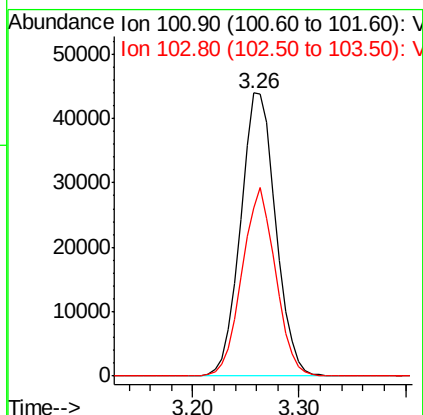
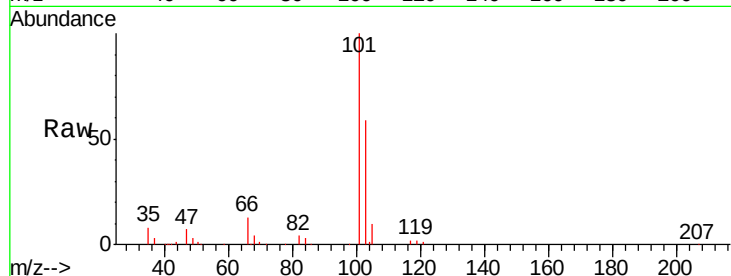


#7

Trichlorofluoromethane
 Concen: 56.19 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

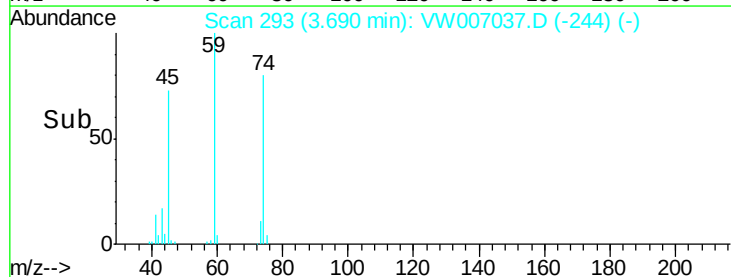
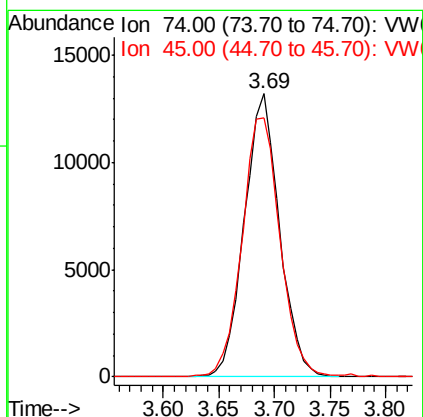
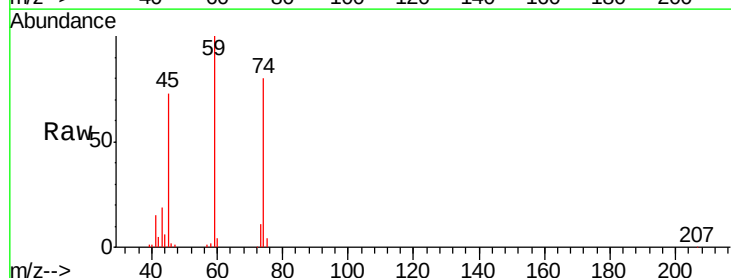
Tgt Ion:101 Resp: 101873
 Ion Ratio Lower Upper
 101 100
 103 59.3 53.4 80.2

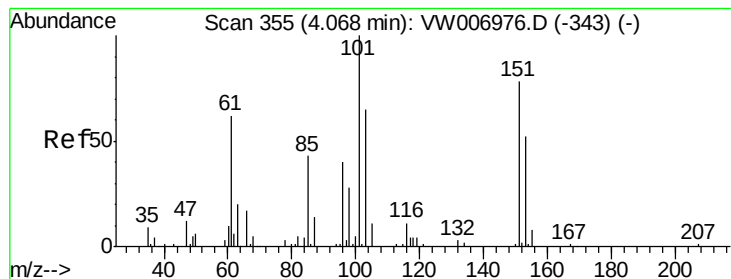


#8

Diethyl Ether
 Concen: 49.64 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 74 Resp: 28999
 Ion Ratio Lower Upper
 74 100
 45 99.5 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.12 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

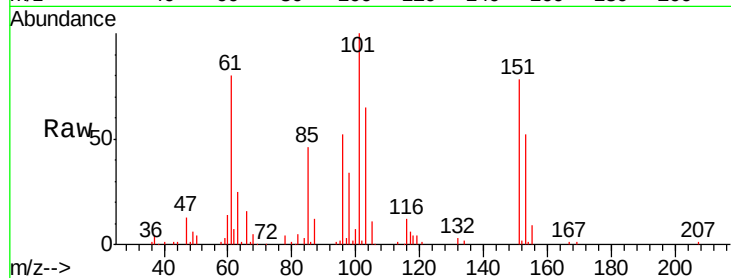
Tgt Ion:101 Resp: 62435

Ion Ratio Lower Upper

101 100

85 42.6 34.3 51.5

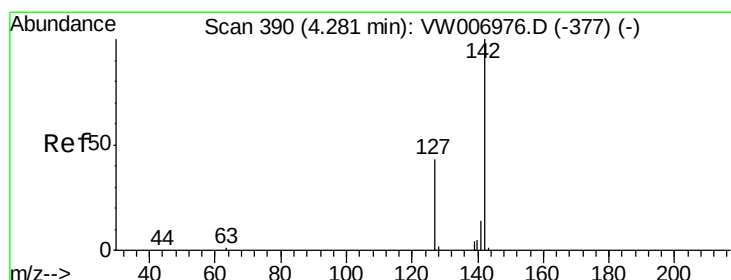
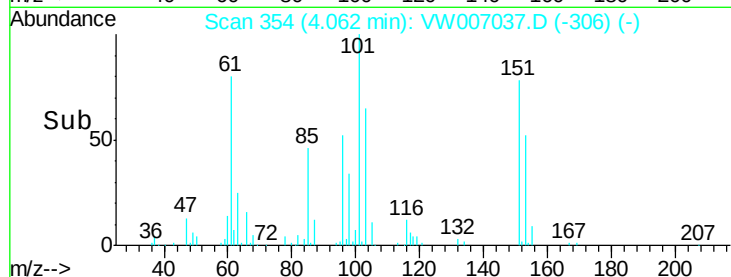
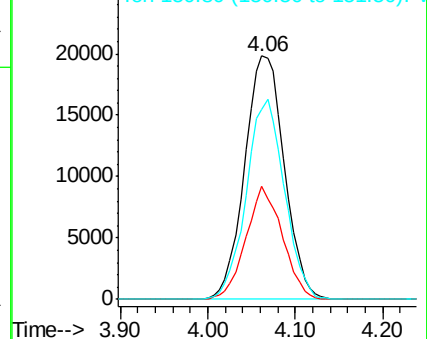
151 79.2 63.4 95.2



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: 56.77 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

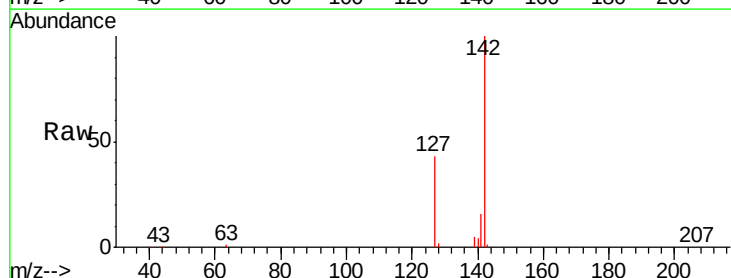
Tgt Ion:142 Resp: 76388

Ion Ratio Lower Upper

142 100

127 42.5 35.3 52.9

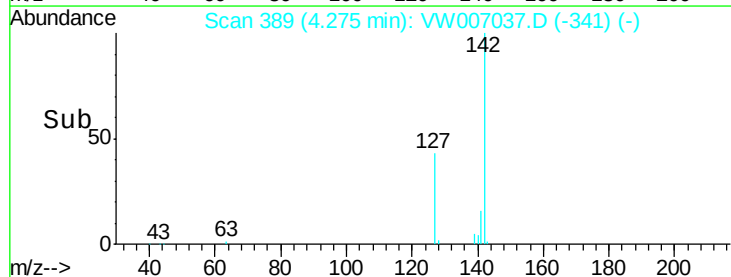
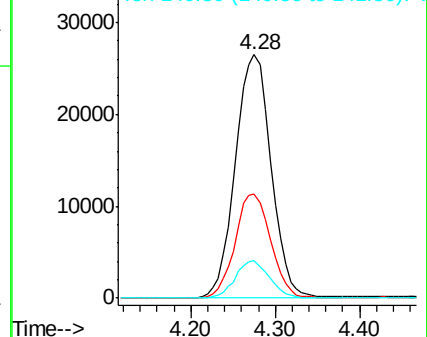
141 14.6 11.7 17.5

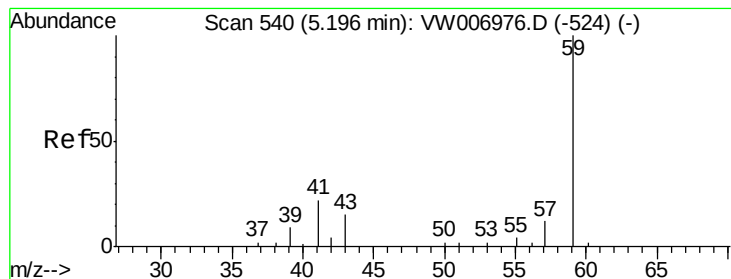


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



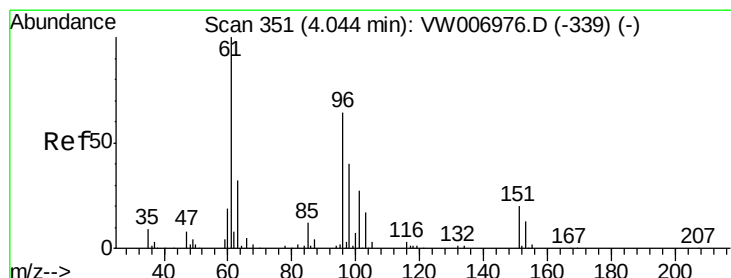
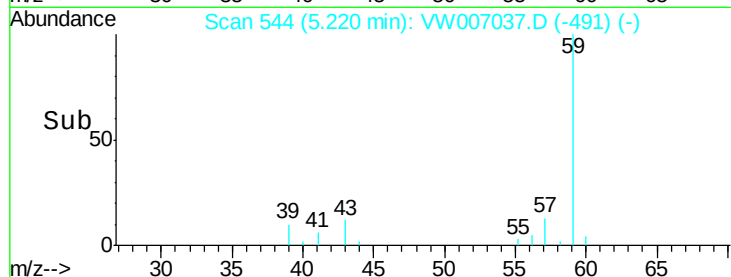
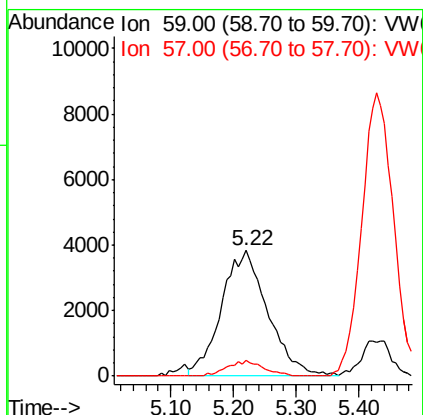
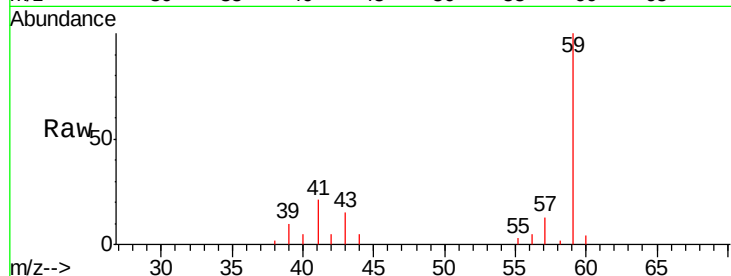


#11

Tert butyl alcohol
 Concen: 271.46 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.02 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

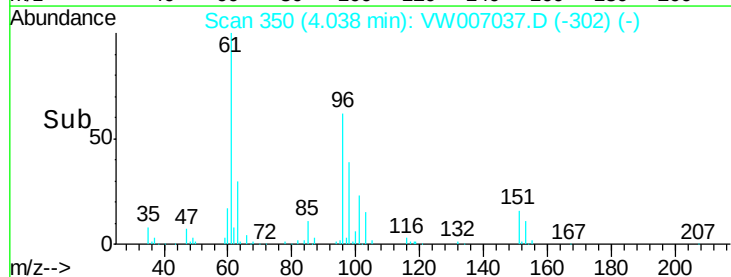
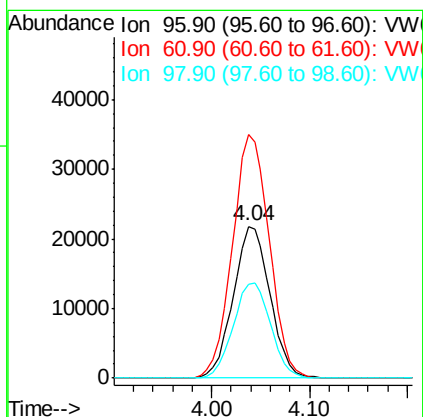
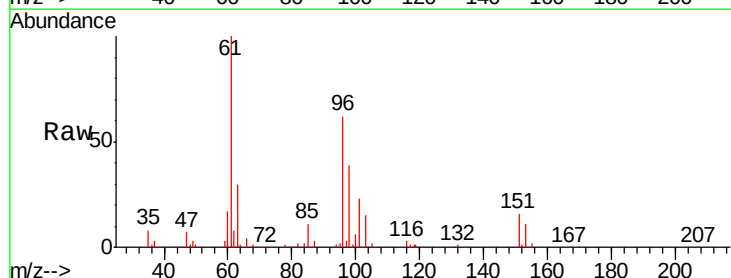
Tgt Ion: 59 Resp: 19705
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.6 13.0

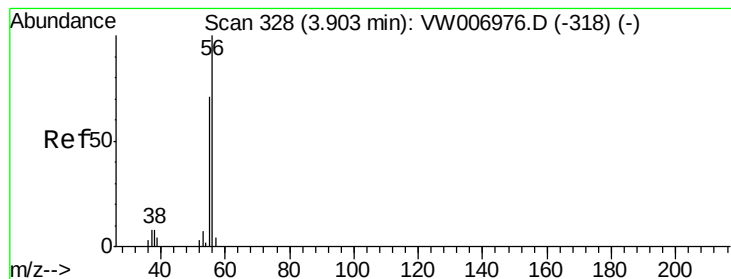


#12

1,1-Dichloroethene
 Concen: 54.94 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 96 Resp: 56643
 Ion Ratio Lower Upper
 96 100
 61 160.1 124.3 186.5
 98 61.9 49.4 74.2





#13

Acrolein

Concen: 277.70 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

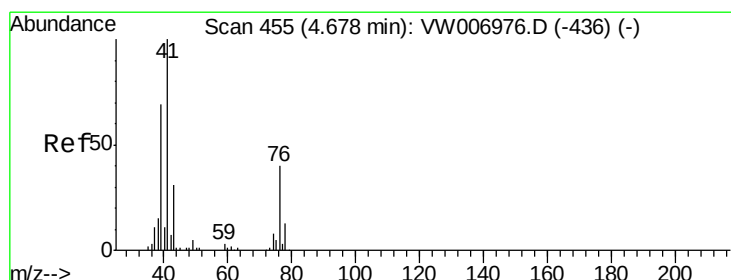
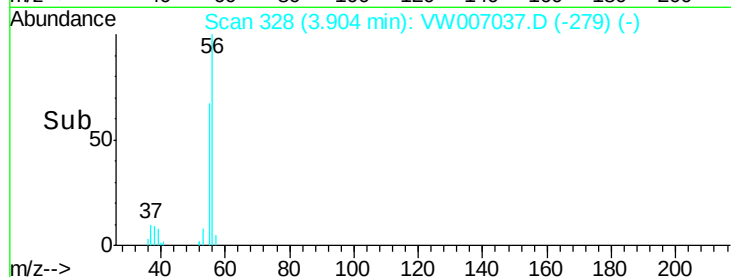
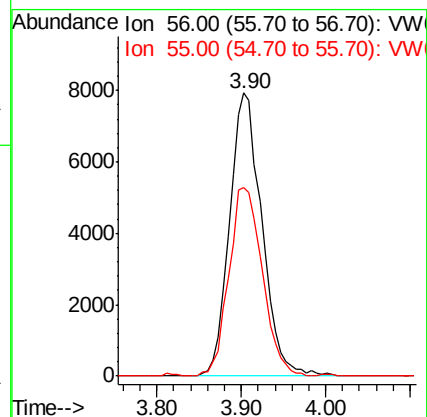
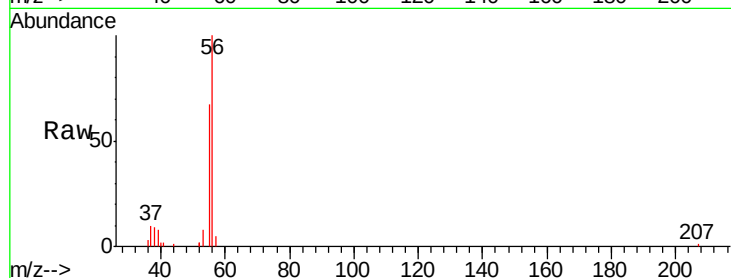
VSTDCCC050

Tgt Ion: 56 Resp: 20702

Ion Ratio Lower Upper

56 100

55 68.9 57.5 86.3



#14

Allyl chloride

Concen: 55.84 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

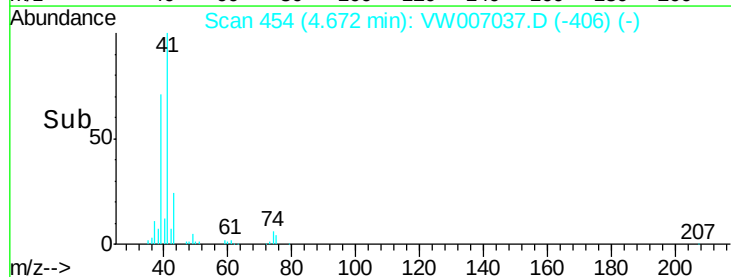
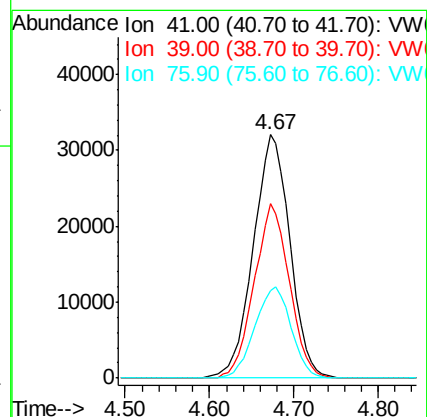
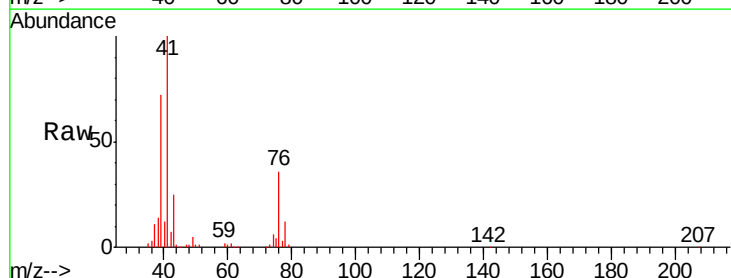
Tgt Ion: 41 Resp: 95477

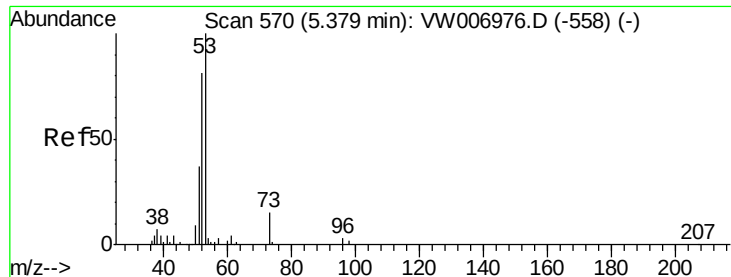
Ion Ratio Lower Upper

41 100

39 68.9 55.4 83.2

76 37.1 29.6 44.4





#15

Acrylonitrile

Concen: 267.33 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

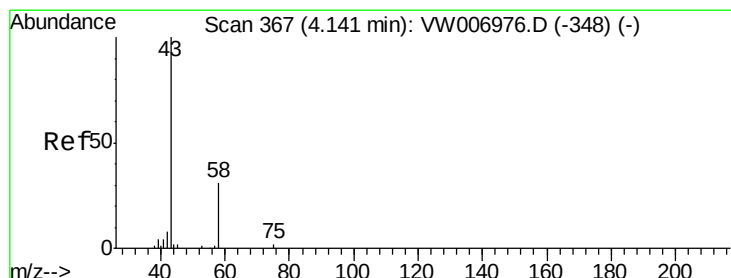
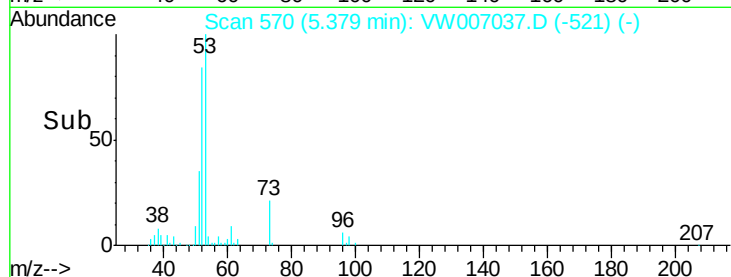
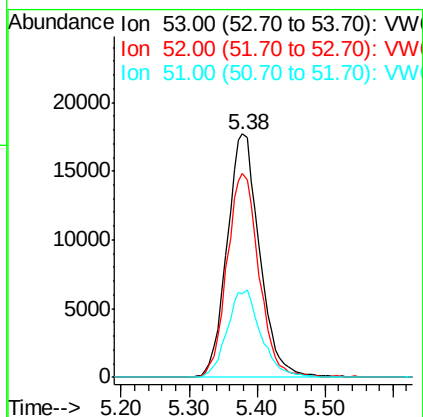
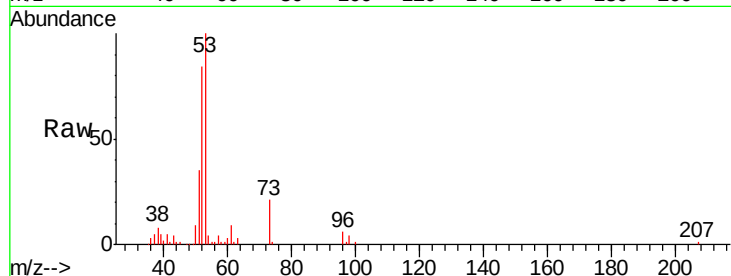
Tgt Ion: 53 Resp: 58700

Ion Ratio Lower Upper

53 100

52 81.9 65.7 98.5

51 37.2 29.9 44.9



#16

Acetone

Concen: 267.76 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007037.D

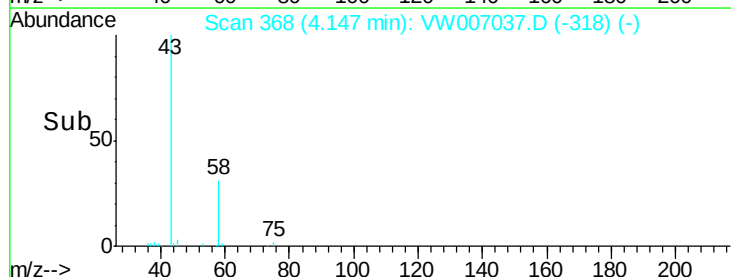
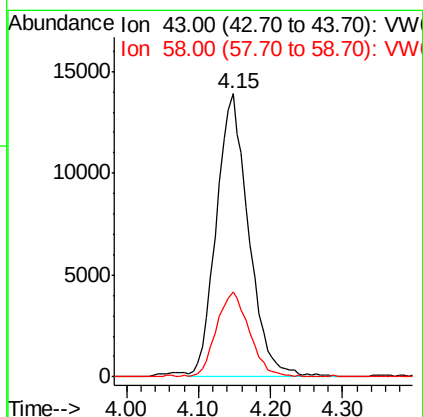
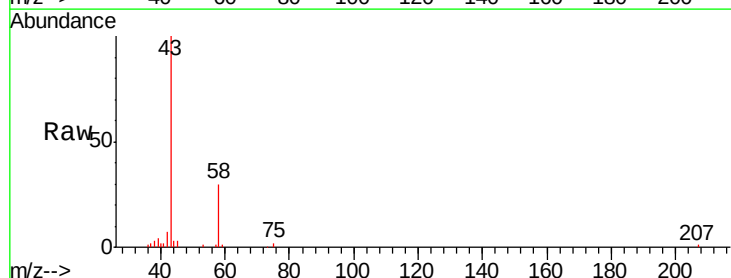
Acq: 26 Nov 2018 10:32

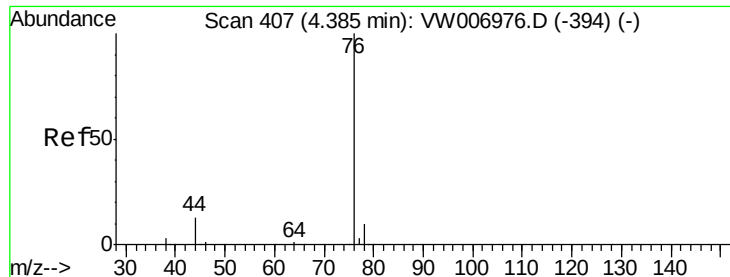
Tgt Ion: 43 Resp: 43350

Ion Ratio Lower Upper

43 100

58 30.2 24.8 37.2

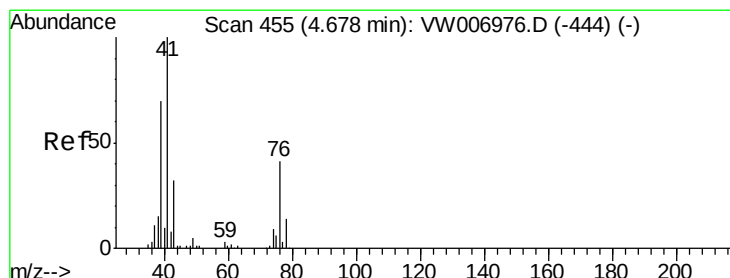
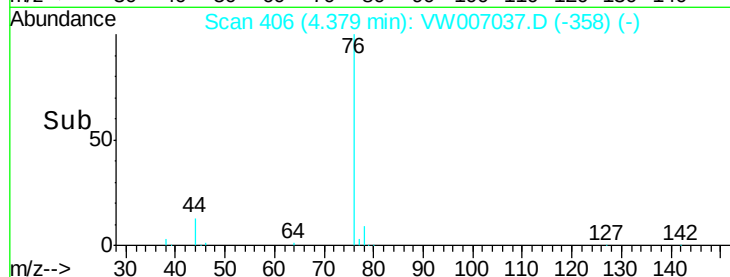
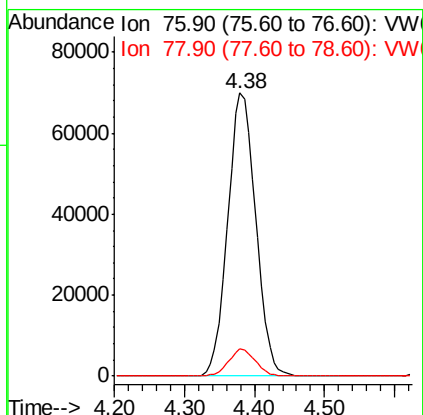
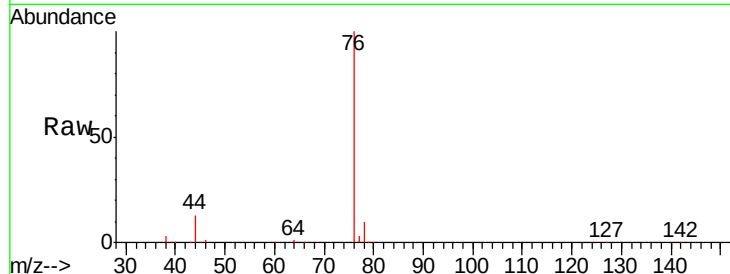




#17
Carbon Disulfide
Concen: 58.41 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

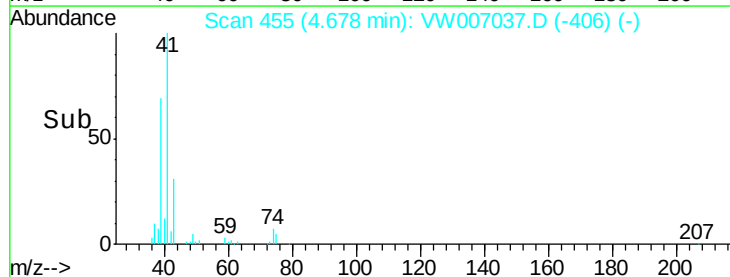
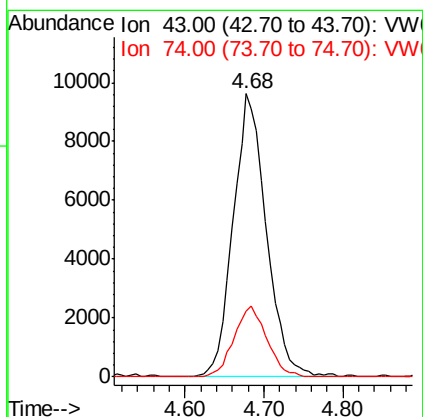
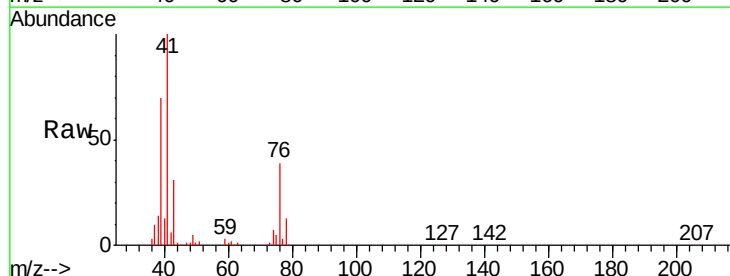
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

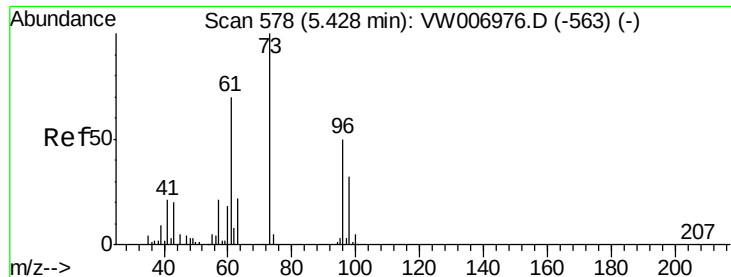
Tgt Ion: 76 Resp: 194689
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.6



#18
Methyl Acetate
Concen: 48.85 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 43 Resp: 28166
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1

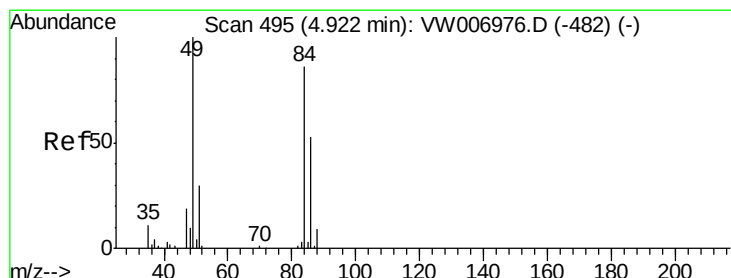
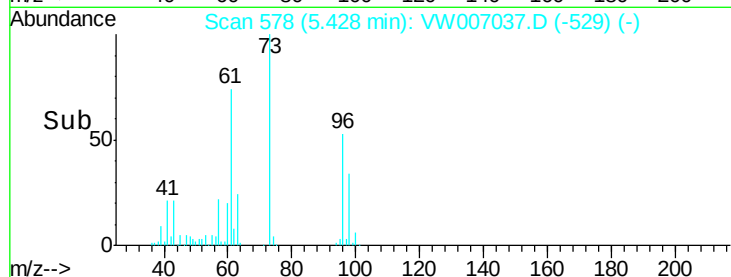
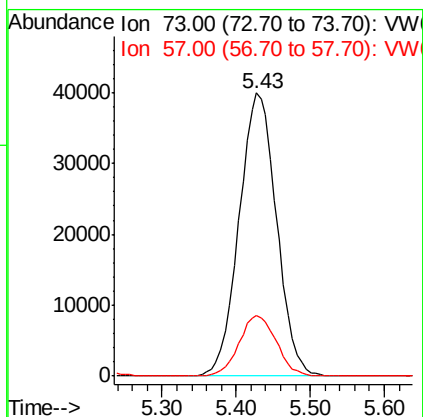
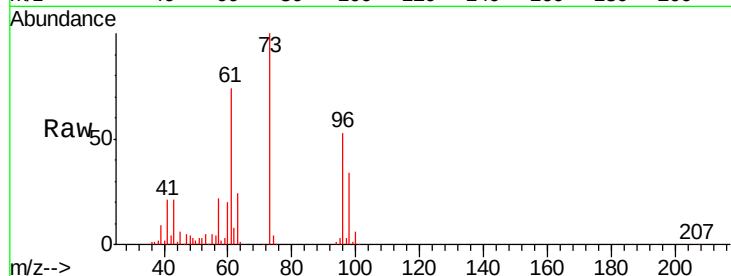




#19
Methyl tert-butyl Ether
Concen: 52.22 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

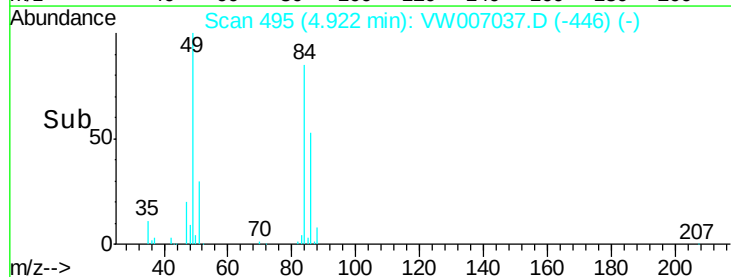
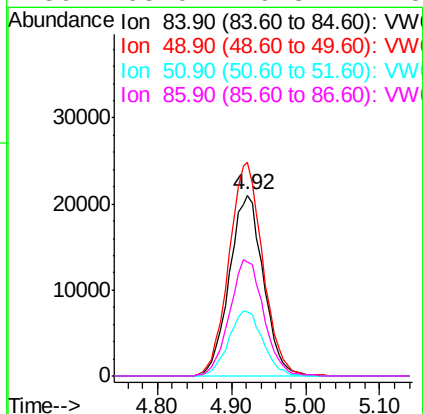
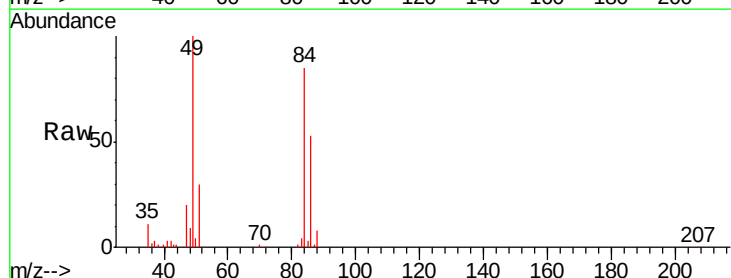
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

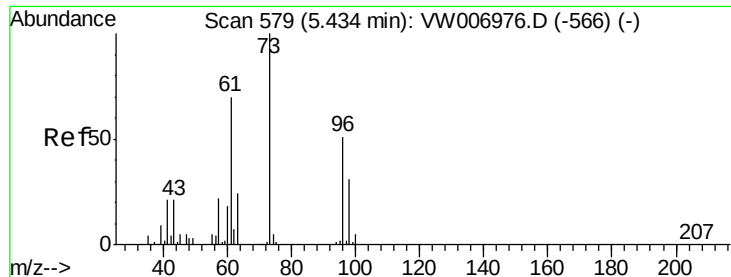
Tgt Ion: 73 Resp: 140556
Ion Ratio Lower Upper
73 100
57 21.6 16.7 25.1



#20
Methylene Chloride
Concen: 52.37 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 84 Resp: 67241
Ion Ratio Lower Upper
84 100
49 118.2 93.4 140.0
51 35.1 28.4 42.6
86 63.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 54.22 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

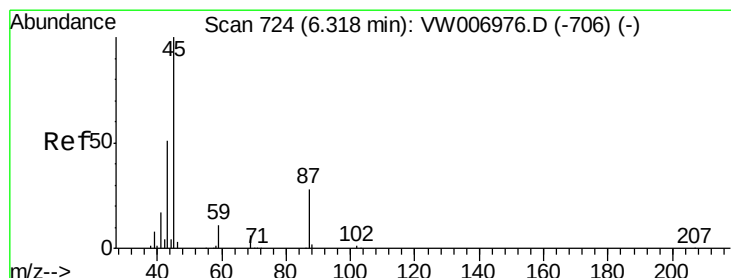
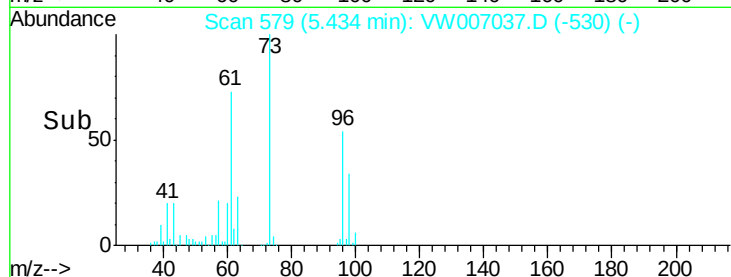
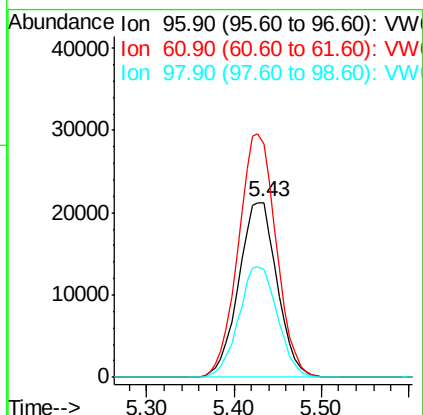
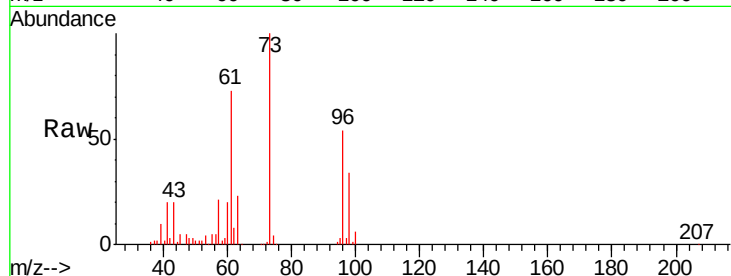
Tgt Ion: 96 Resp: 65111

Ion Ratio Lower Upper

96 100

61 134.0 109.4 164.0

98 61.9 48.3 72.5



#22

Diisopropyl ether

Concen: 53.42 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Tgt Ion: 45 Resp: 177797

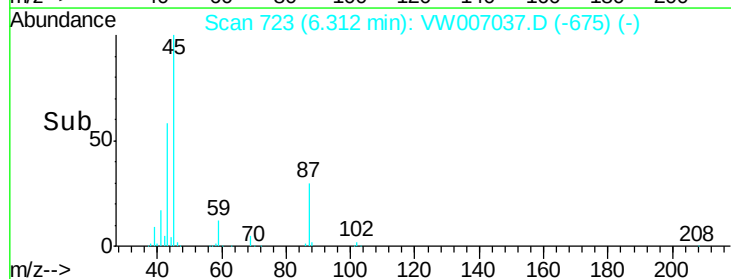
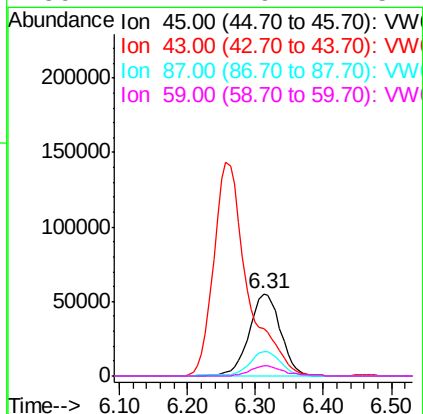
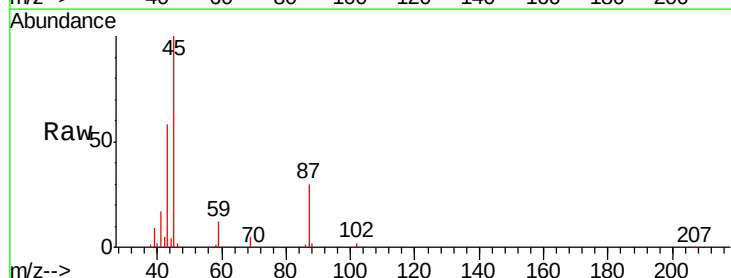
Ion Ratio Lower Upper

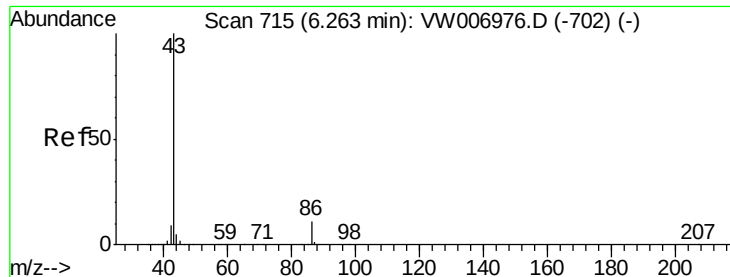
45 100

43 57.4 42.5 63.7

87 29.6 22.8 34.2

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 279.05 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

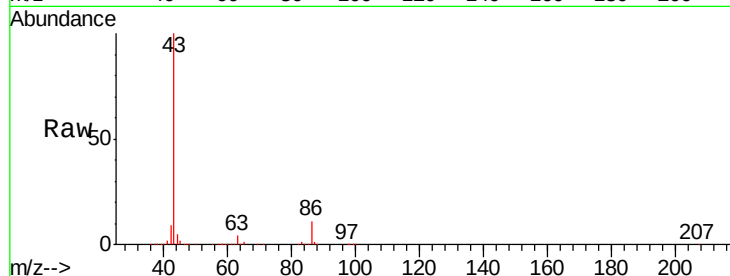
VSTDCCC050

Tgt Ion: 43 Resp: 493195

Ion Ratio Lower Upper

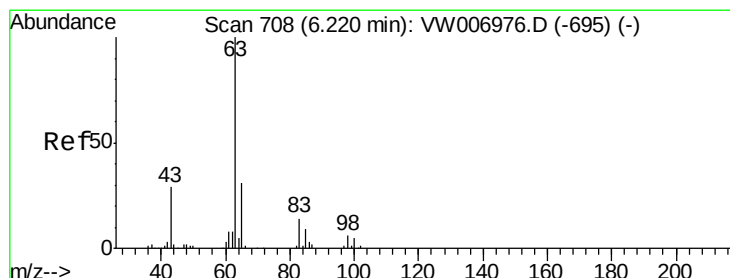
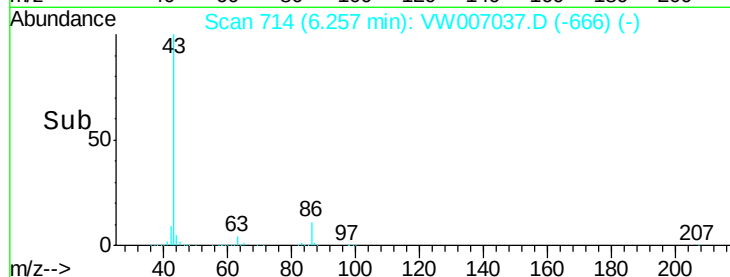
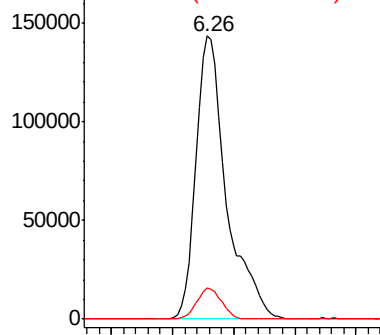
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 53.93 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

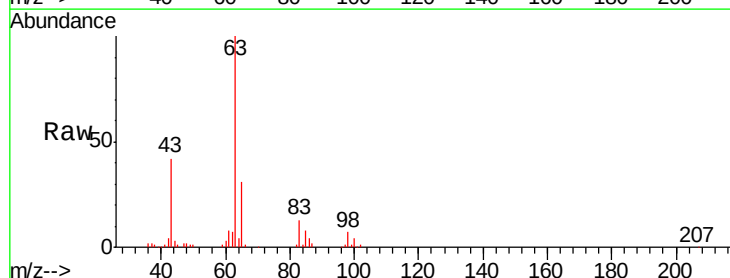
Tgt Ion: 63 Resp: 109190

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

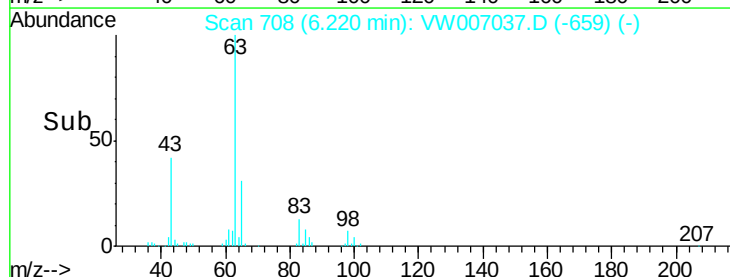
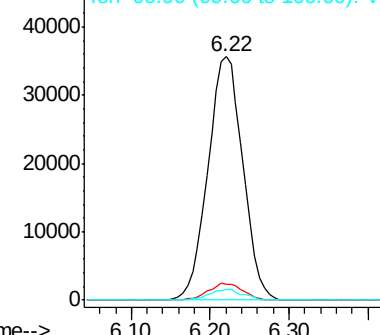
100 4.3 2.3 6.9

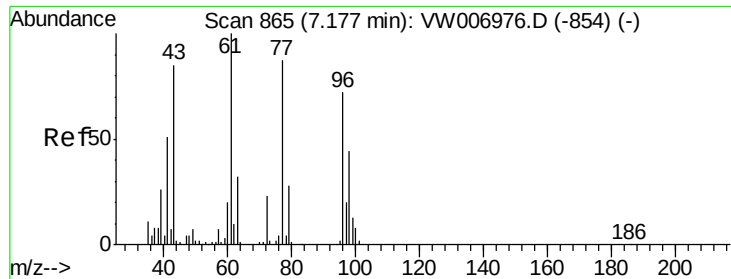


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 262.23 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

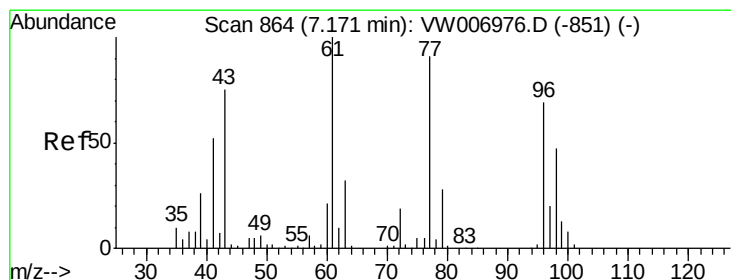
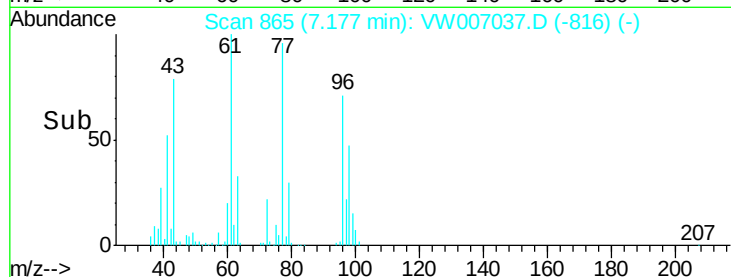
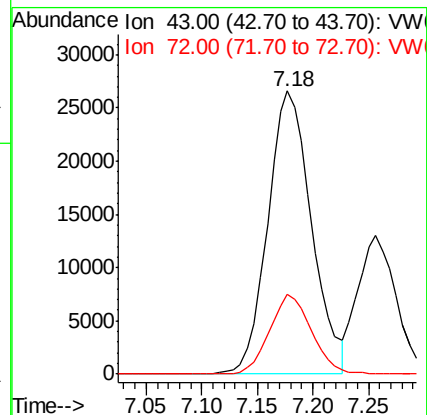
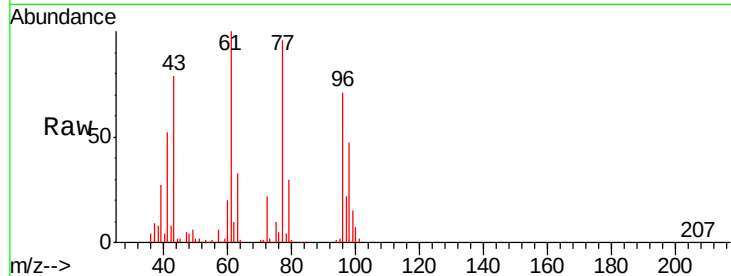
VSTDCCC050

Tgt Ion: 43 Resp: 72713

Ion Ratio Lower Upper

43 100

72 28.2 21.3 31.9



#26

2,2-Dichloropropane

Concen: 56.61 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007037.D

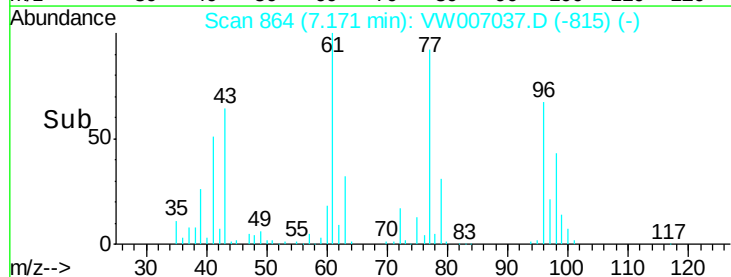
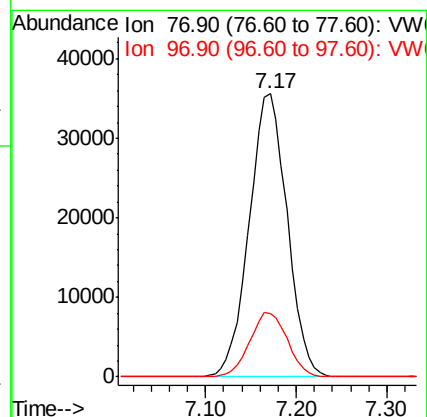
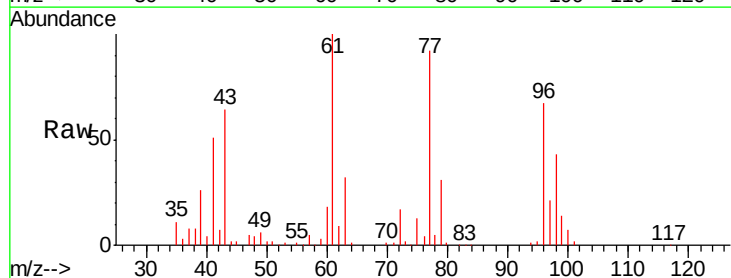
Acq: 26 Nov 2018 10:32

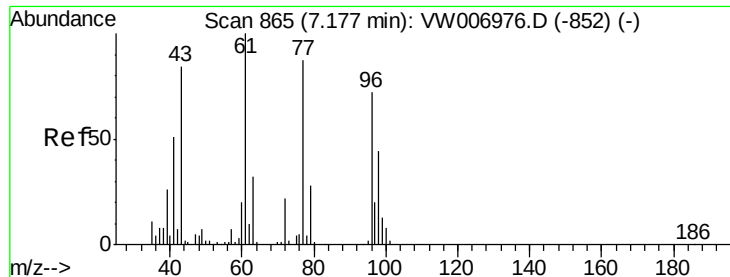
Tgt Ion: 77 Resp: 103063

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1



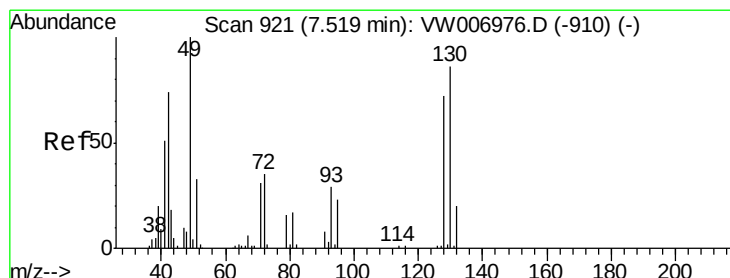
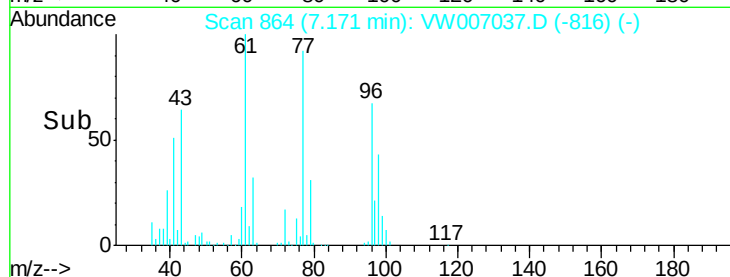
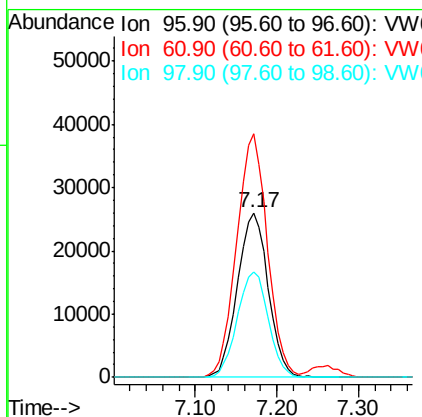
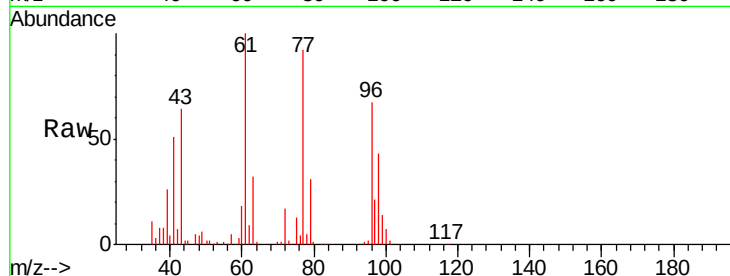


#27

cis-1,2-Dichloroethene
 Concen: 53.24 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

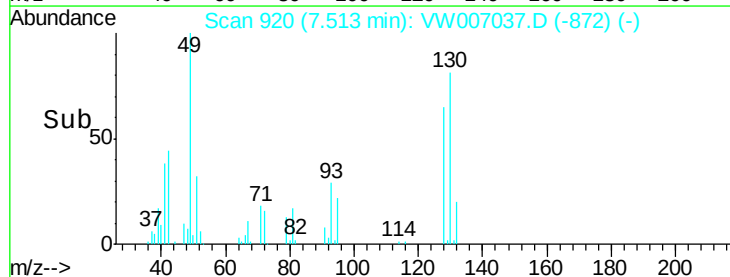
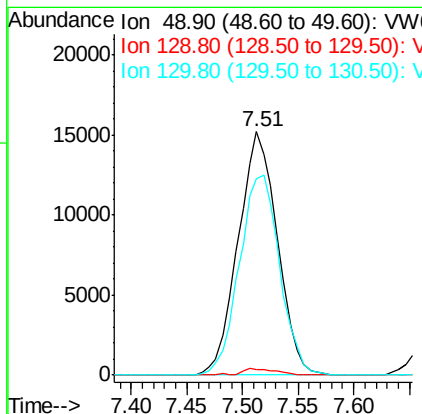
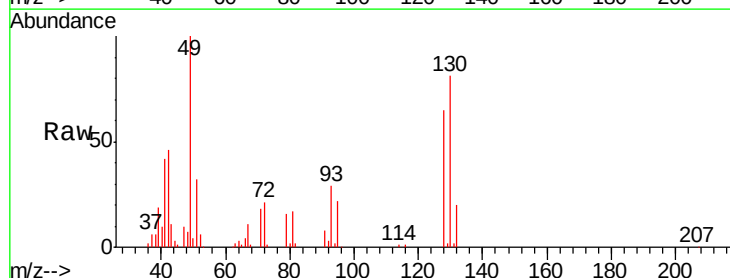
Tgt Ion: 96 Resp: 68083
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 292.6
 98 64.6 0.0 129.8

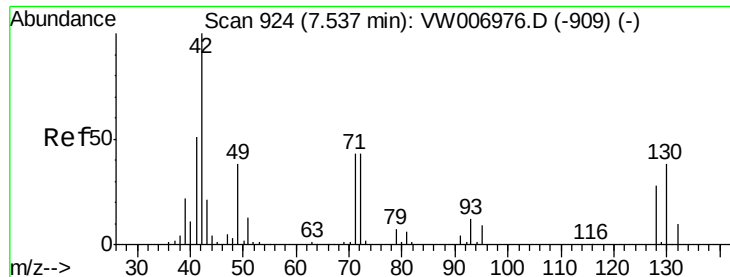


#28

Bromochloromethane
 Concen: 49.16 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 49 Resp: 37201
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.0#
 130 84.5 69.0 103.4

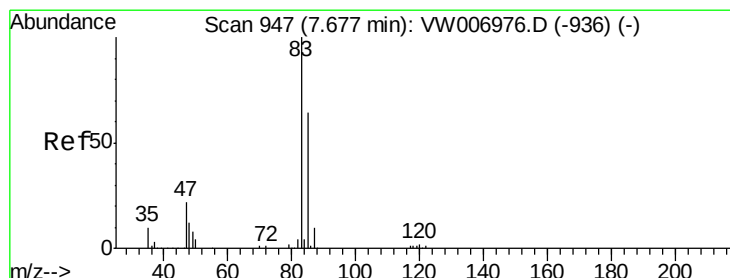
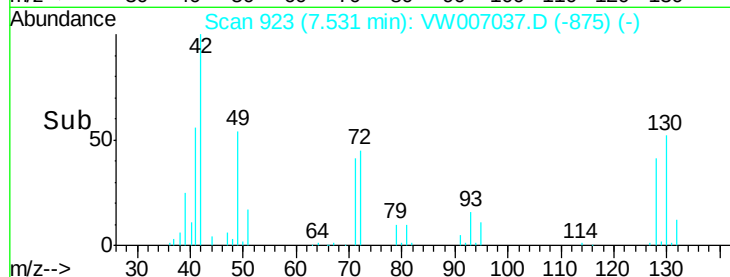
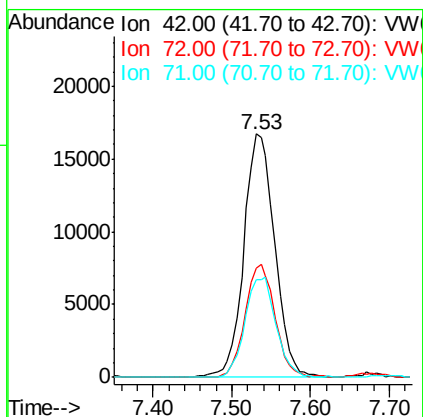
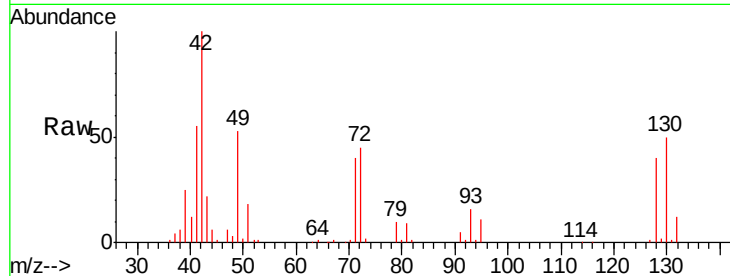




#29
Tetrahydrofuran
Concen: 254.28 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

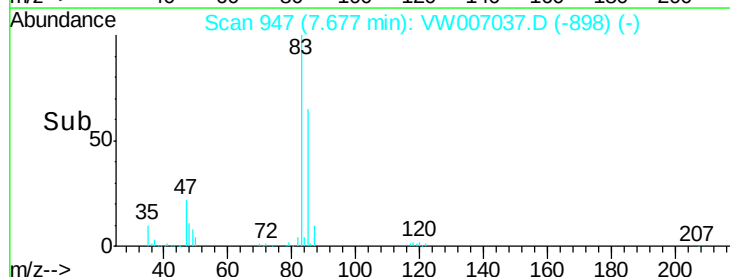
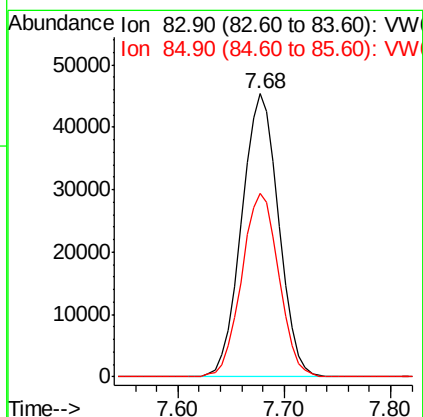
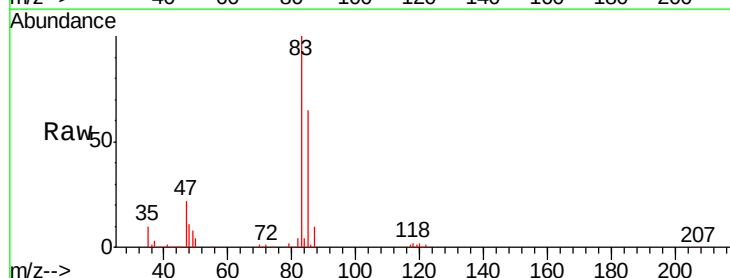
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

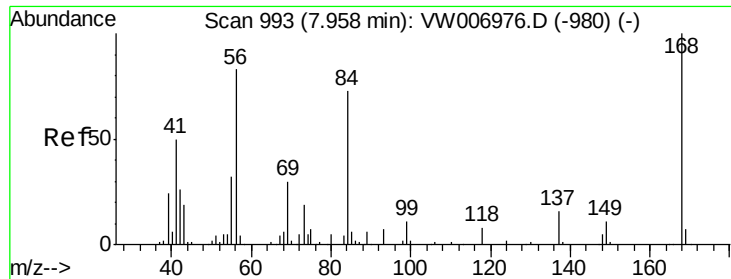
Tgt Ion: 42 Resp: 45664
Ion Ratio Lower Upper
42 100
72 45.0 36.2 54.4
71 41.1 33.8 50.8



#30
Chloroform
Concen: 51.37 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 83 Resp: 110507
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3

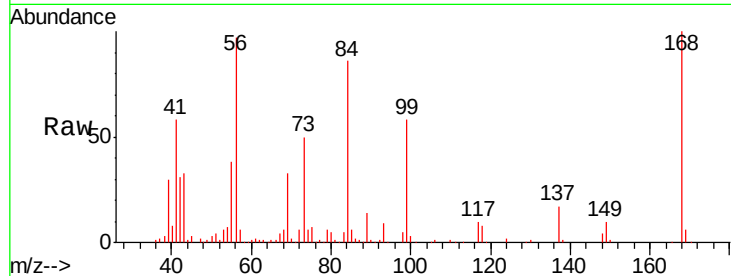




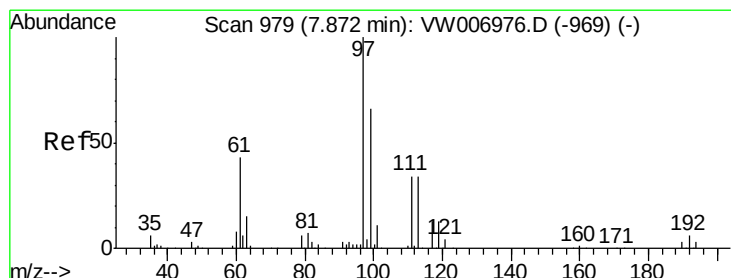
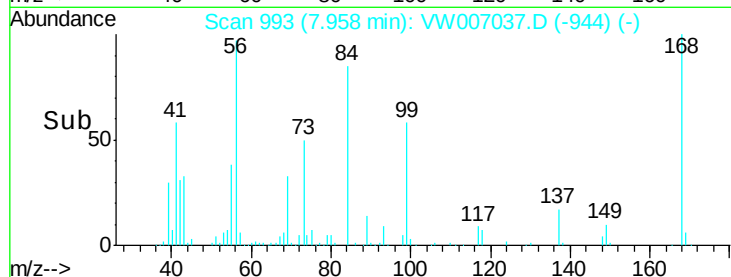
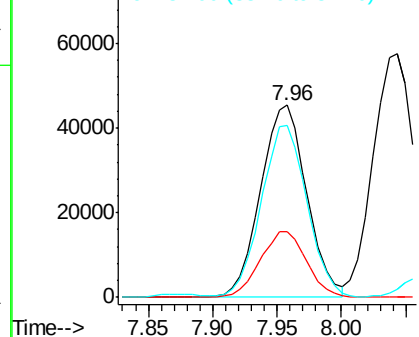
#31
Cyclohexane
Concen: 52.58 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 112928
Ion Ratio Lower Upper
56 100
69 34.3 29.1 43.7
84 88.0 70.6 105.8

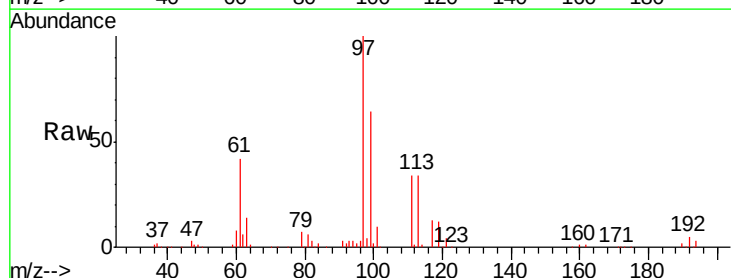


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

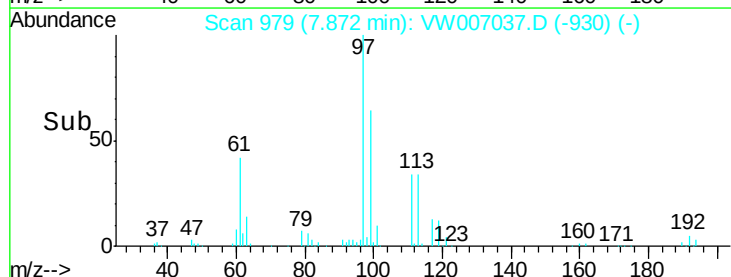
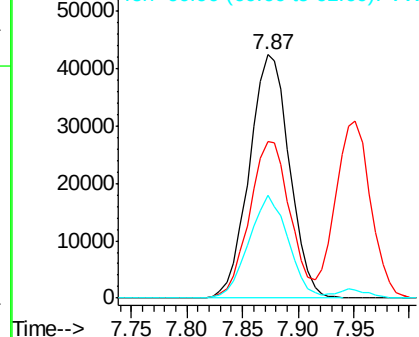


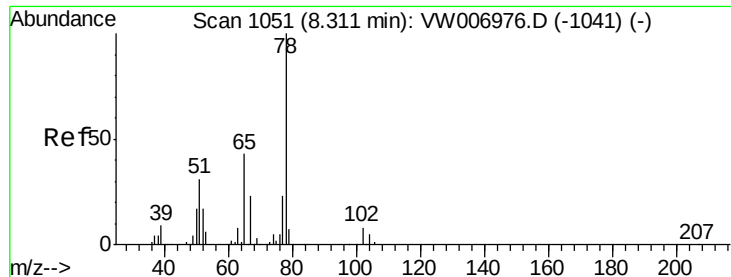
#32
1,1,1-Trichloroethane
Concen: 54.97 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 97 Resp: 106501
Ion Ratio Lower Upper
97 100
99 65.5 51.9 77.9
61 41.4 33.4 50.2



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

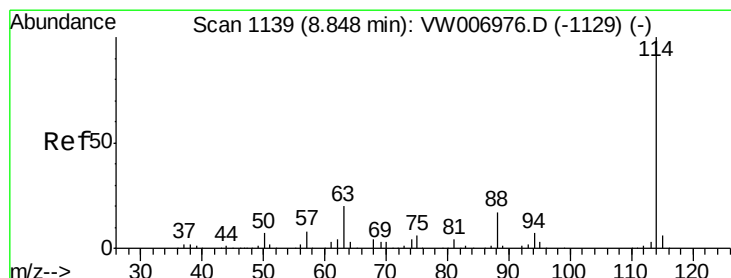
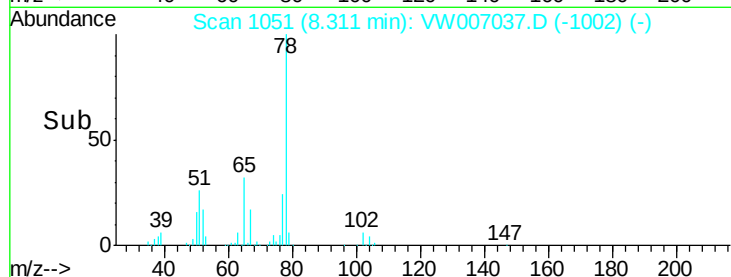
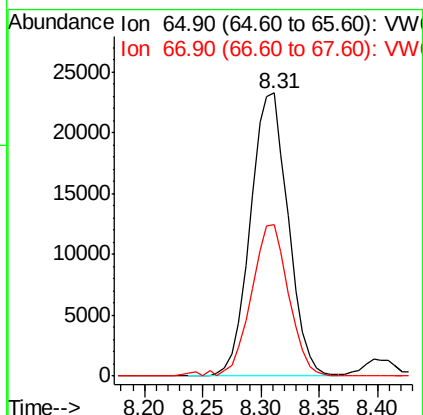
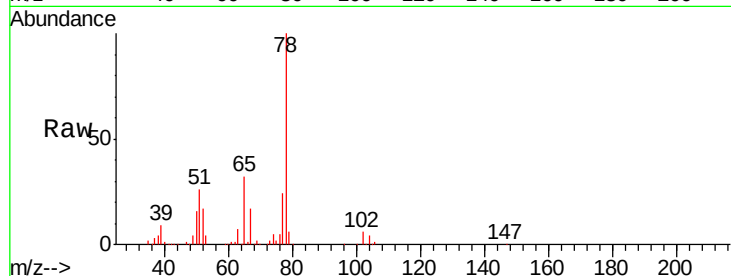




#33
 1,2-Dichloroethane-d4
 Concen: 46.94 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

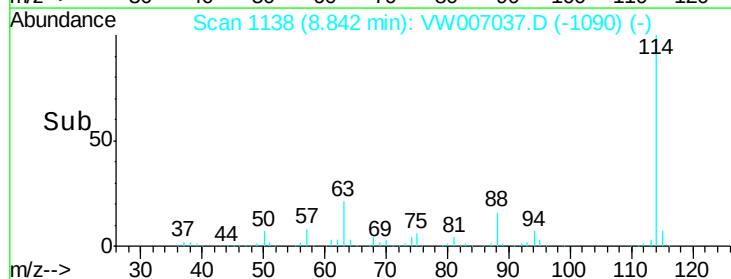
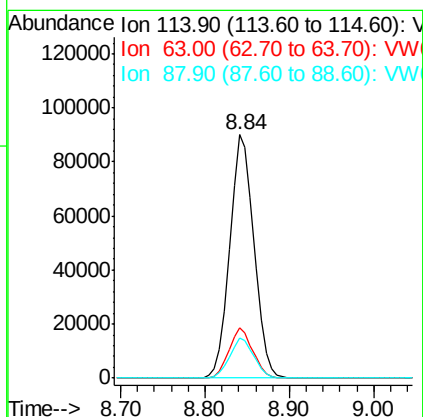
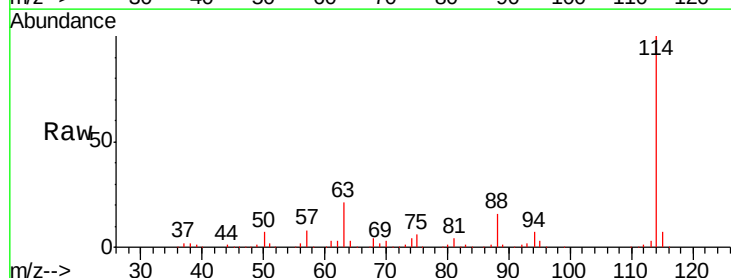
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

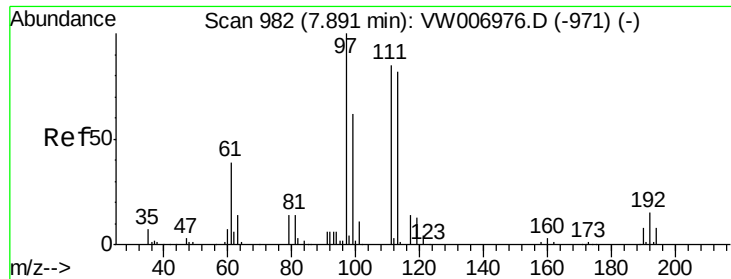
Tgt Ion: 65 Resp: 52345
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 114 Resp: 175265
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 16.2 0.0 34.2

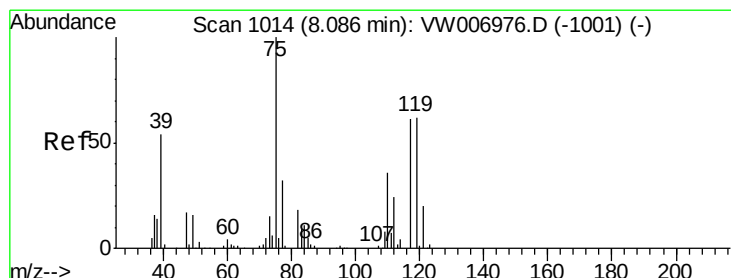
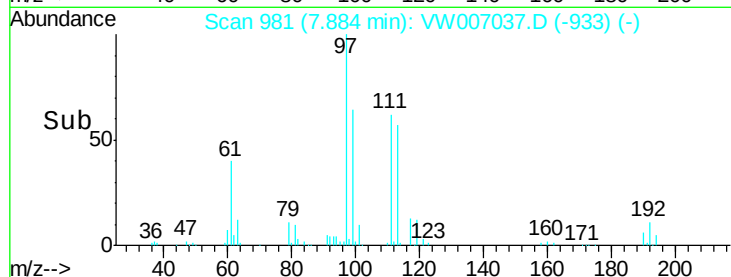
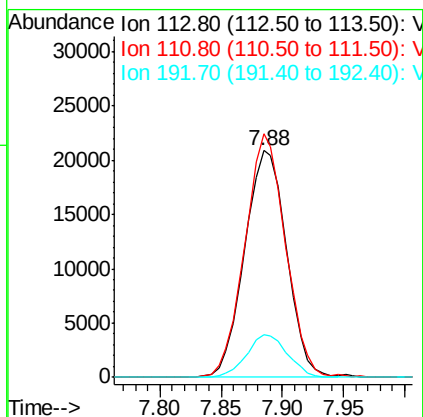
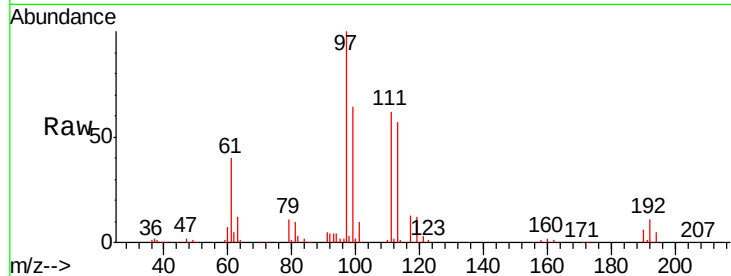




#35
 Dibromofluoromethane
 Concen: 50.44 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

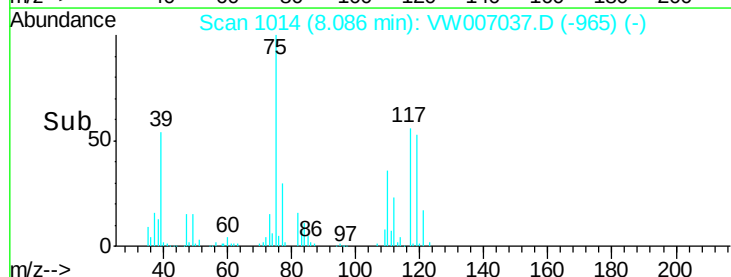
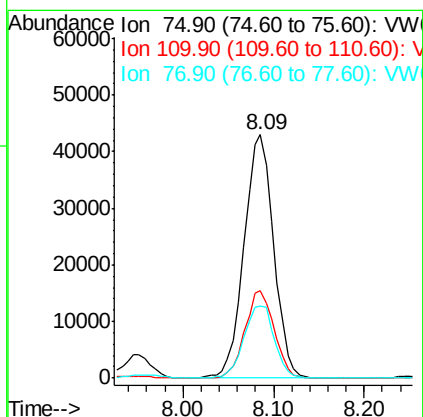
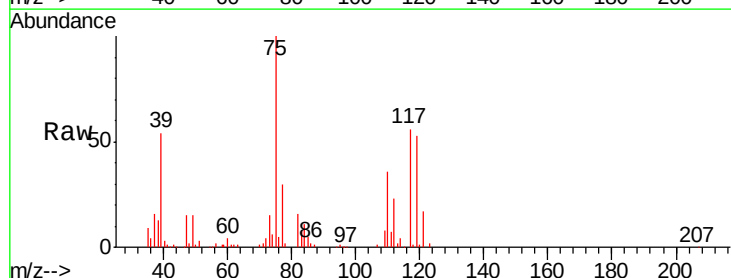
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

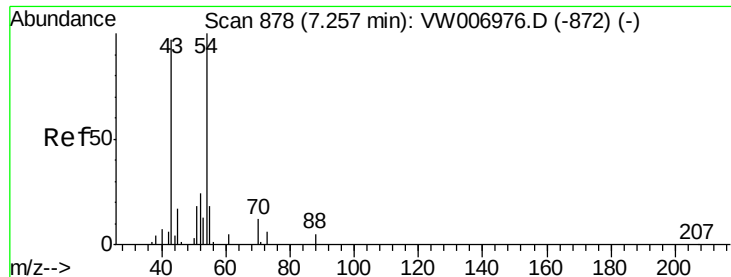
Tgt Ion:113 Resp: 49923
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.0 121.6
 192 18.3 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 56.50 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 75 Resp: 96769
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.0 54.0
 77 30.9 24.9 37.3

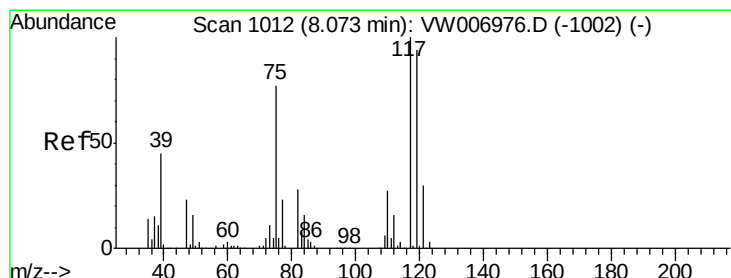
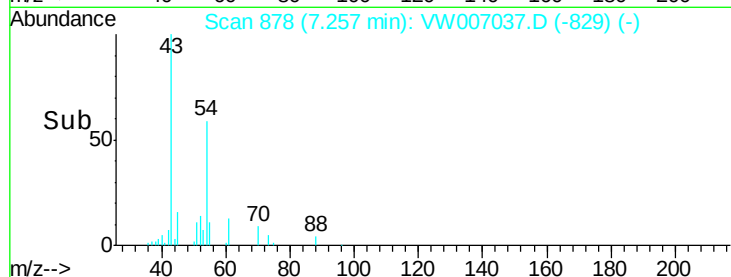
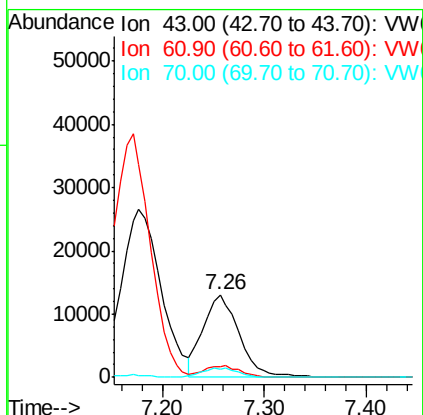
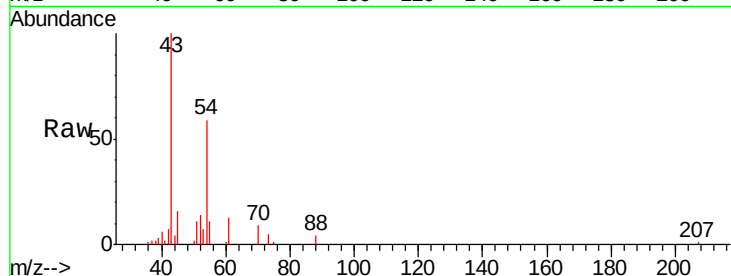




#37
Ethyl Acetate
Concen: 51.59 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

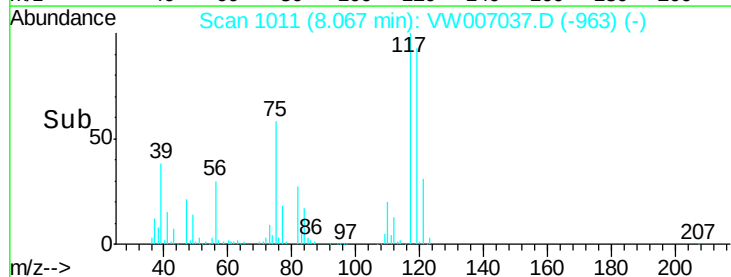
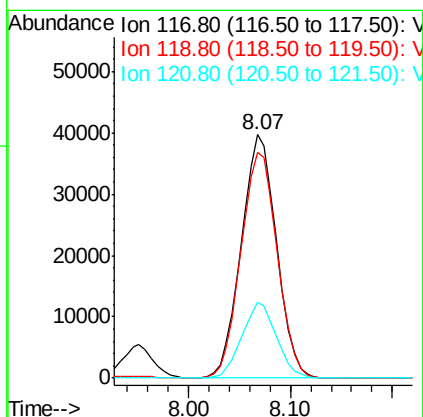
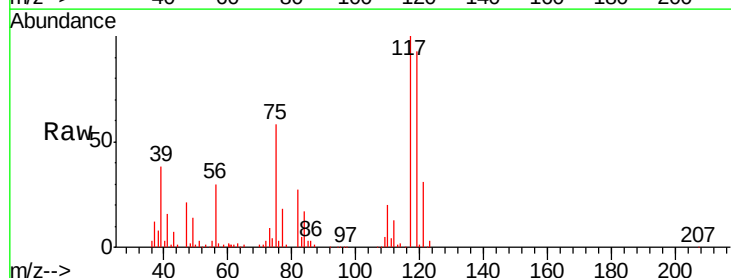
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

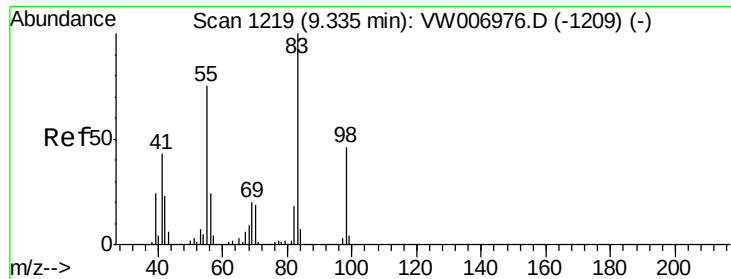
Tgt Ion: 43 Resp: 32018
Ion Ratio Lower Upper
43 100
61 14.3 10.4 15.6
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 58.17 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 117 Resp: 95399
Ion Ratio Lower Upper
117 100
119 92.8 74.9 112.3
121 31.4 23.6 35.4

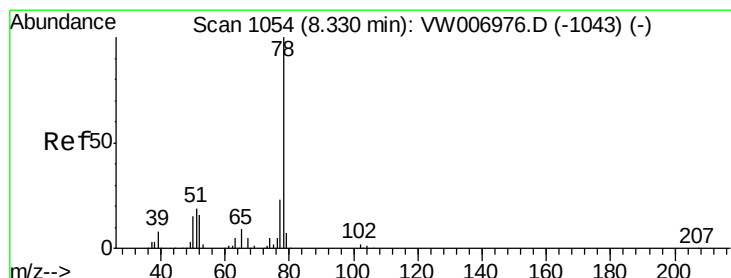
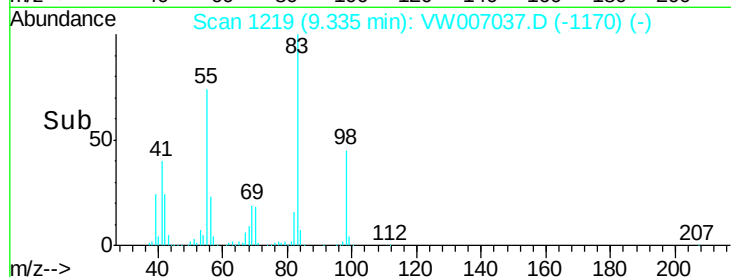
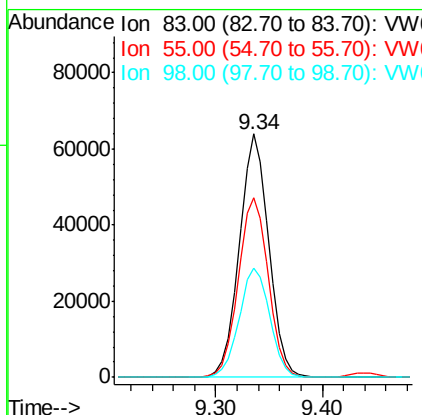
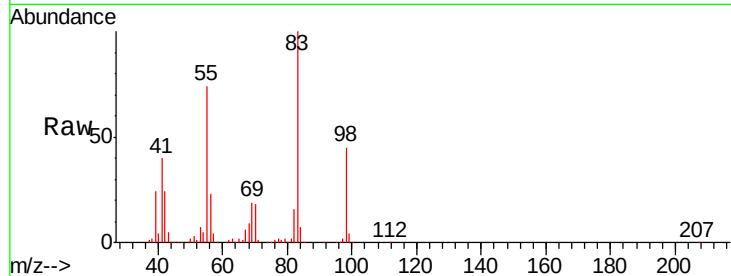




#39
Methylcyclohexane
Concen: 57.79 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

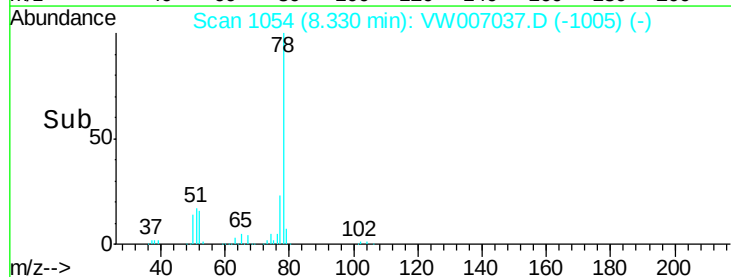
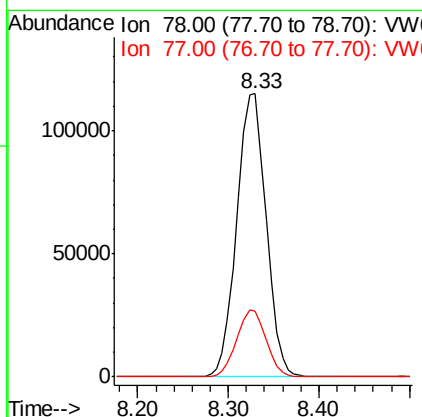
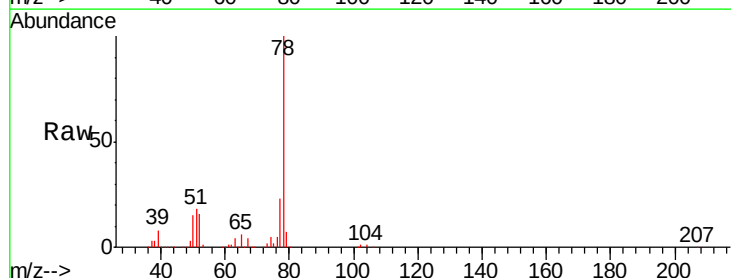
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

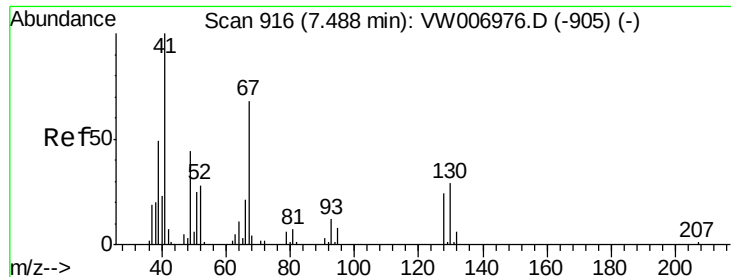
Tgt Ion: 83 Resp: 123859
Ion Ratio Lower Upper
83 100
55 73.9 59.6 89.4
98 44.8 37.1 55.7



#40
Benzene
Concen: 55.95 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 78 Resp: 258689
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

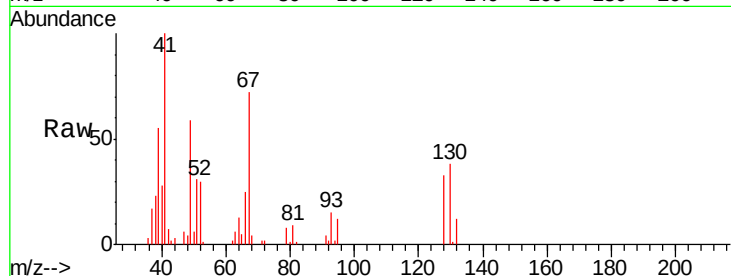




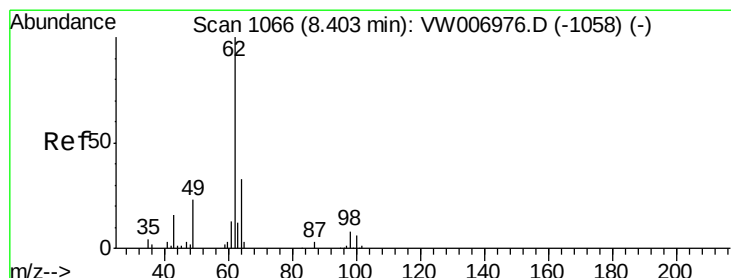
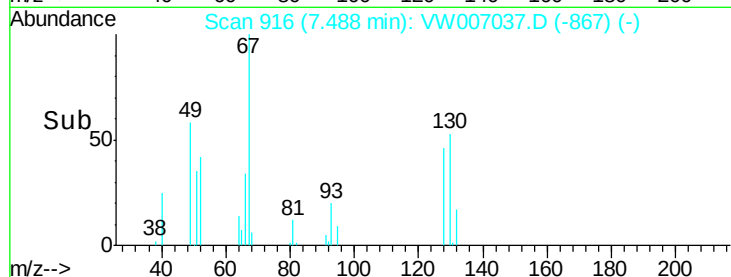
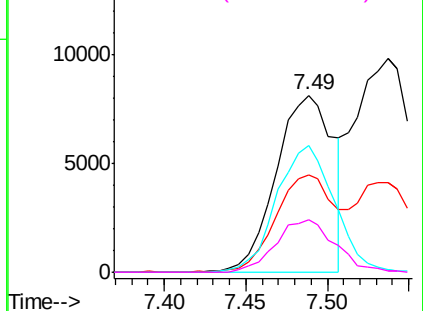
#41
Methacrylonitrile
Concen: 51.28 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	19764
Ion	Ratio	Lower	Upper
41	100		
39	59.8	48.6	73.0
67	72.6	59.8	89.8
52	30.8	24.8	37.2

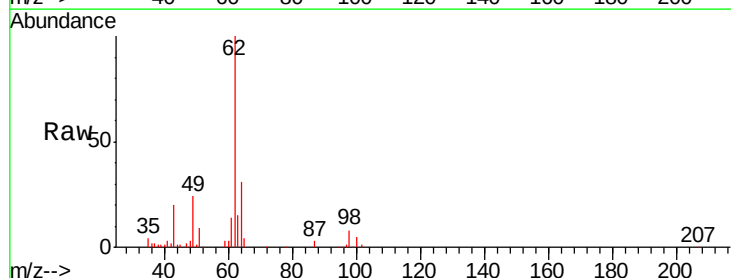


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

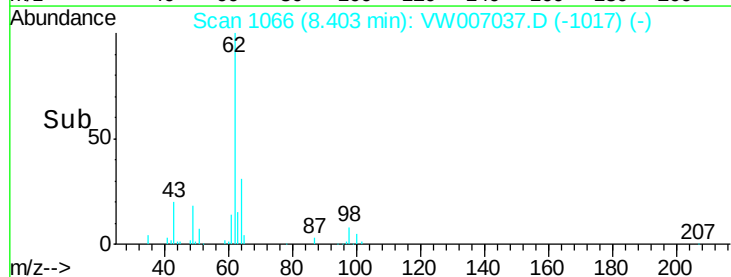
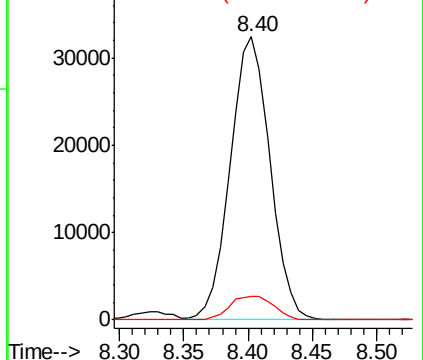


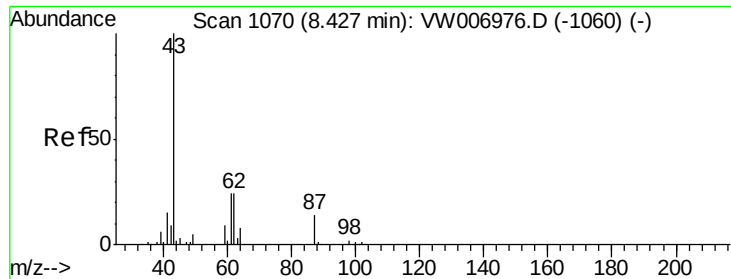
#42
1,2-Dichloroethane
Concen: 51.76 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion:	62	Resp:	69469
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 54.16 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

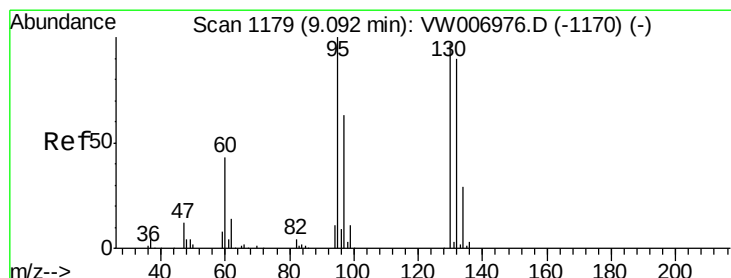
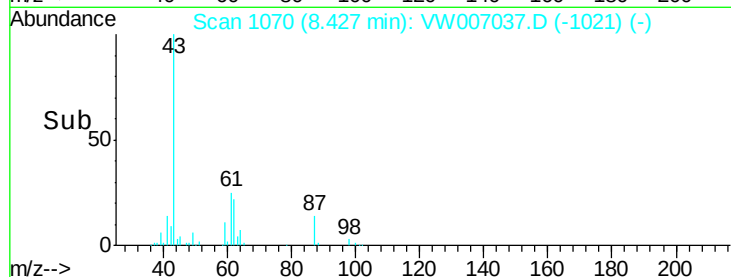
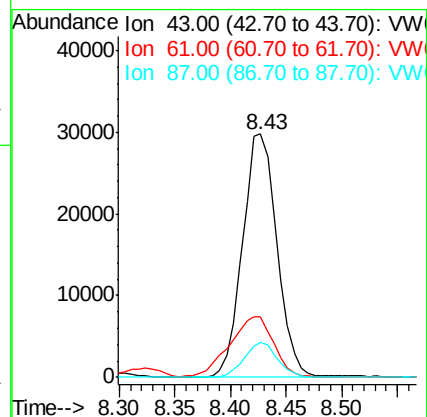
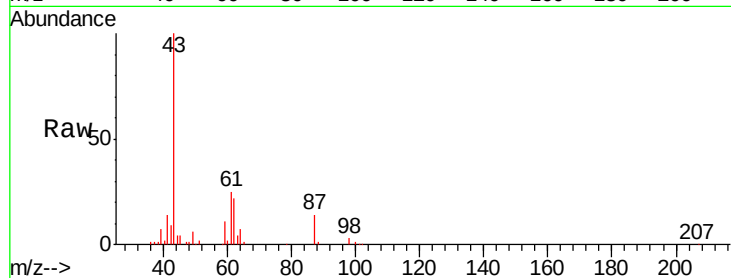
Tgt Ion: 43 Resp: 64062

Ion Ratio Lower Upper

43 100

61 32.0 26.1 39.1

87 13.9 11.2 16.8



#44

Trichloroethene

Concen: 55.65 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007037.D

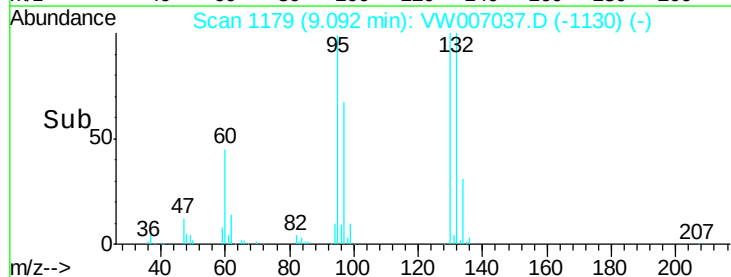
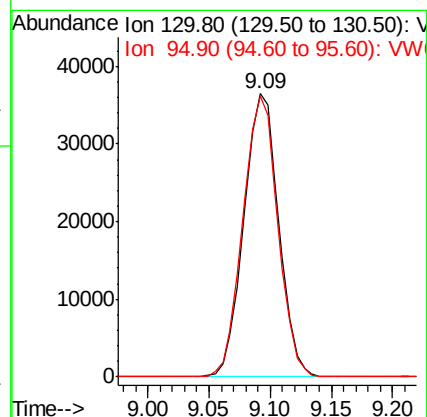
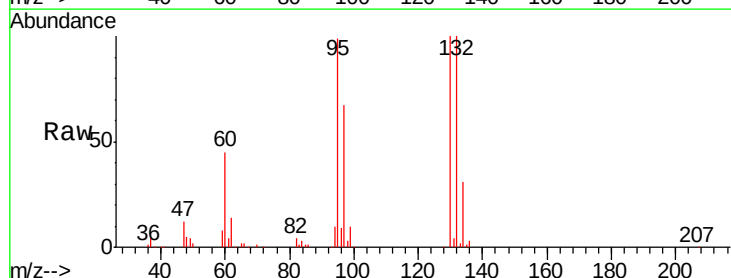
Acq: 26 Nov 2018 10:32

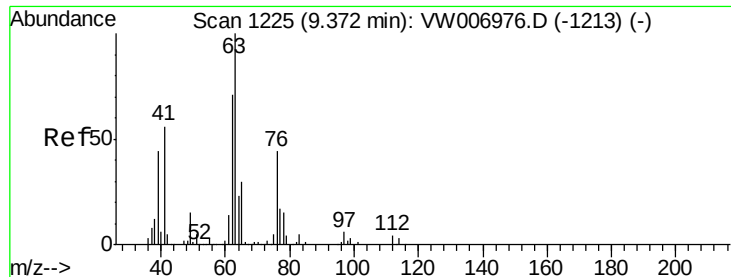
Tgt Ion: 130 Resp: 72124

Ion Ratio Lower Upper

130 100

95 99.2 0.0 206.4

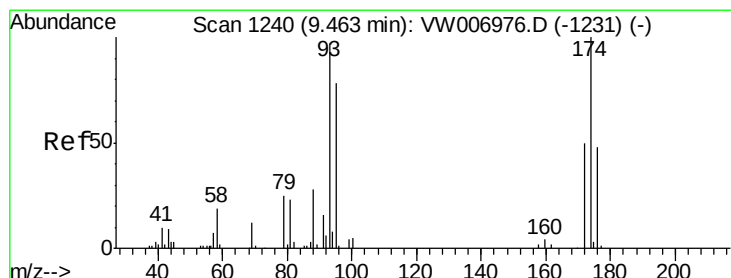
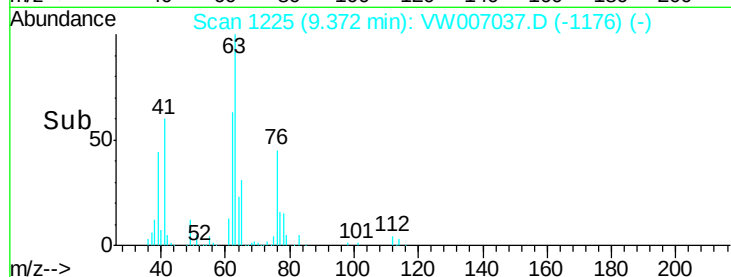
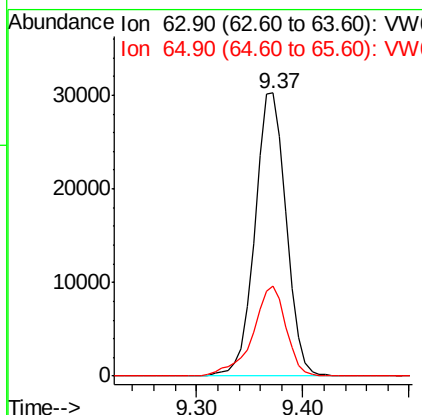
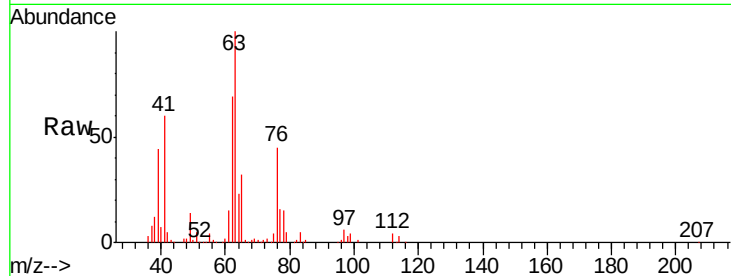




#45
 1,2-Dichloropropane
 Concen: 54.64 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

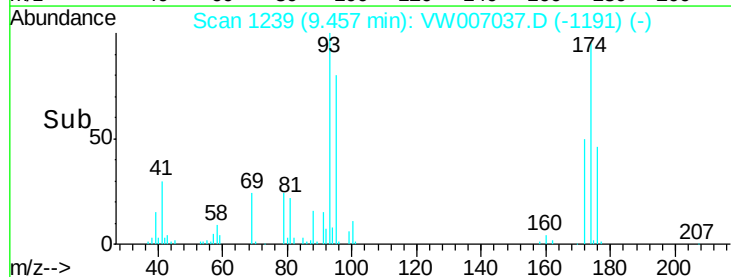
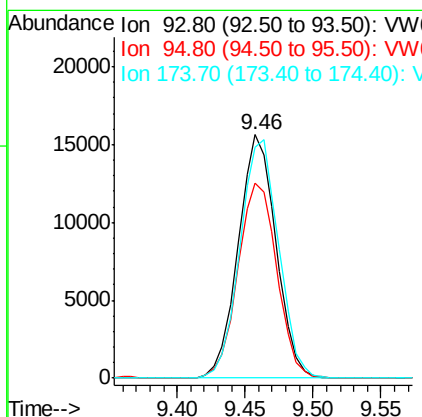
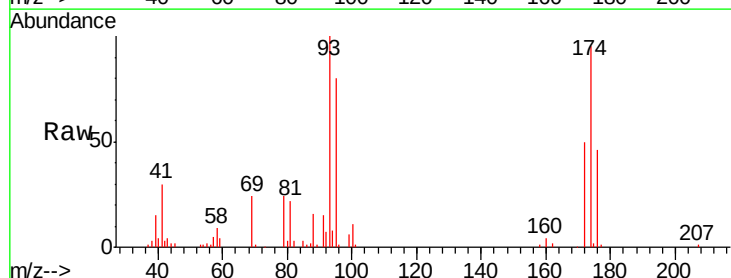
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

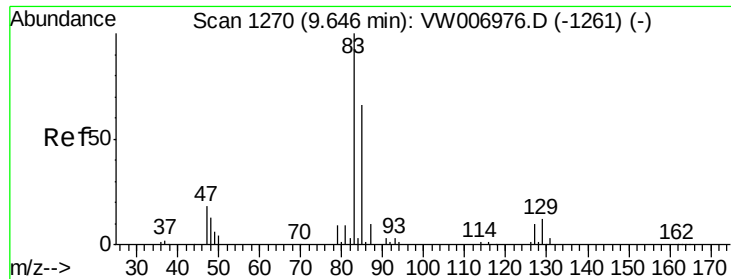
Tgt Ion: 63 Resp: 62265
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.4 36.6



#46
 Dibromomethane
 Concen: 52.98 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 93 Resp: 30236
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.1 99.1
 174 100.1 79.7 119.5





#47

Bromodichloromethane

Concen: 54.15 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

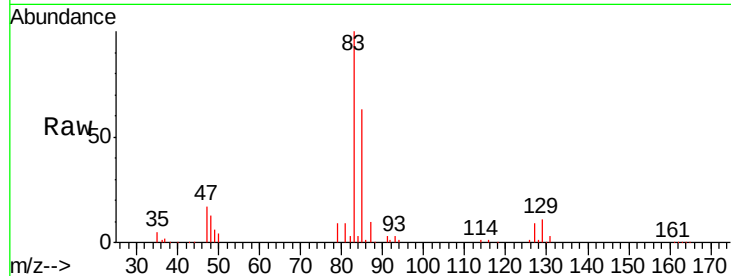
Tgt Ion: 83 Resp: 81422

Ion Ratio Lower Upper

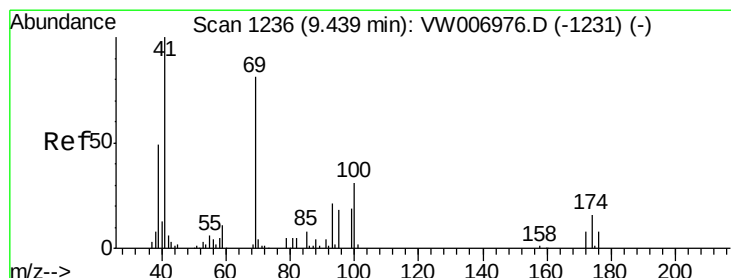
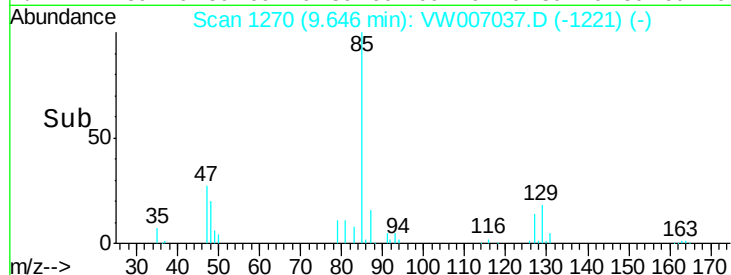
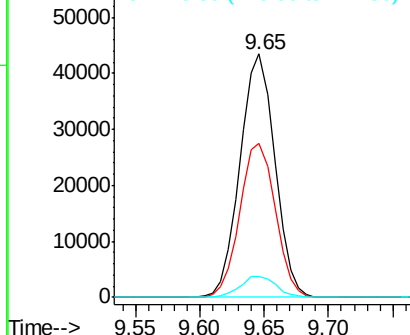
83 100

85 63.2 52.9 79.3

127 8.6 7.8 11.6



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



#48

Methyl methacrylate

Concen: 54.60 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

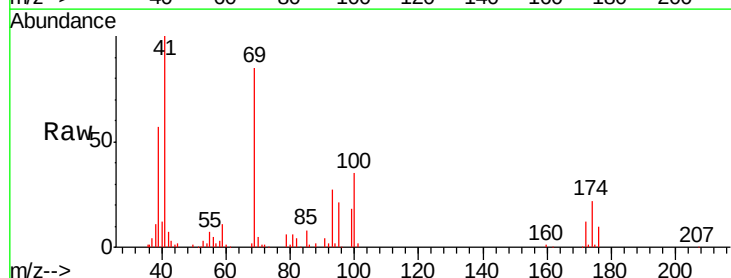
Tgt Ion: 41 Resp: 31135

Ion Ratio Lower Upper

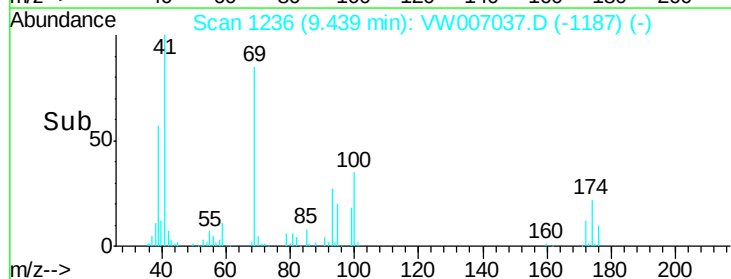
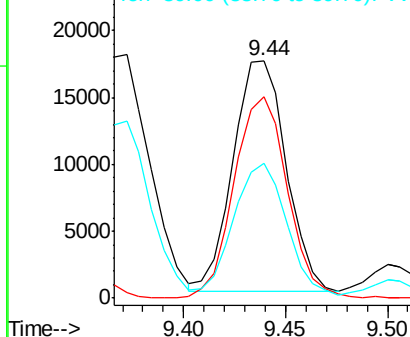
41 100

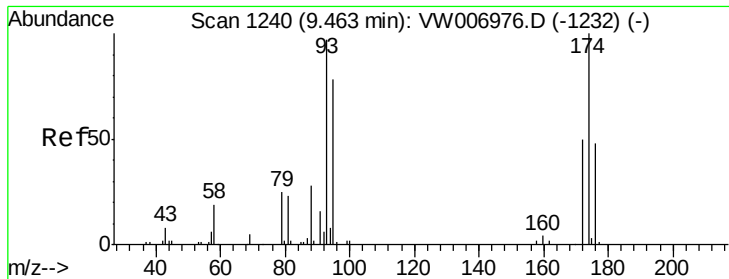
69 88.3 71.4 107.0

39 56.5 44.8 67.2



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





#49

1,4-Dioxane

Concen: 1224.39 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

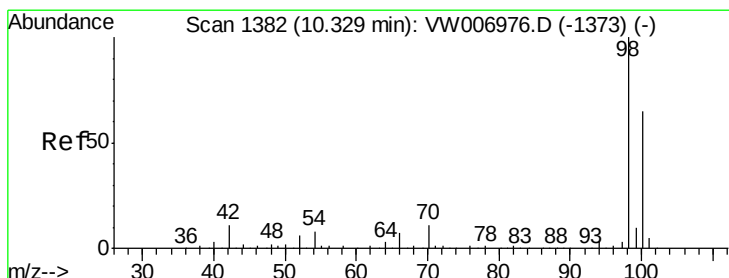
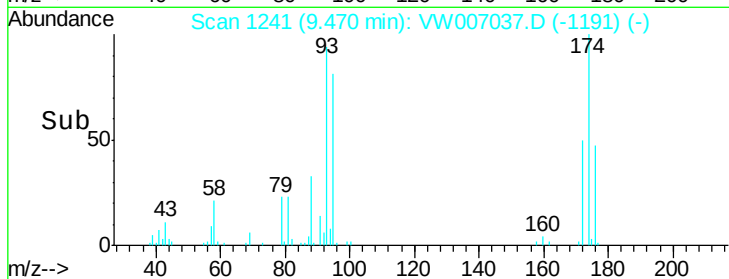
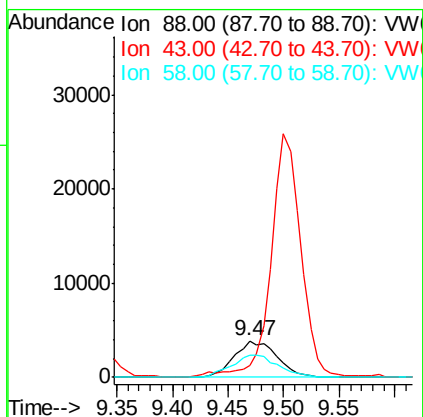
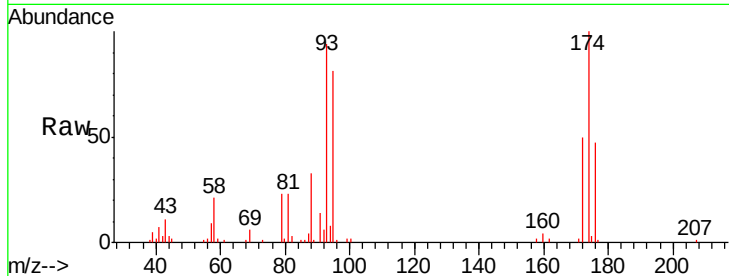
Tgt Ion: 88 Resp: 10386

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.8 59.0 88.6



#50

Toluene-d8

Concen: 52.41 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007037.D

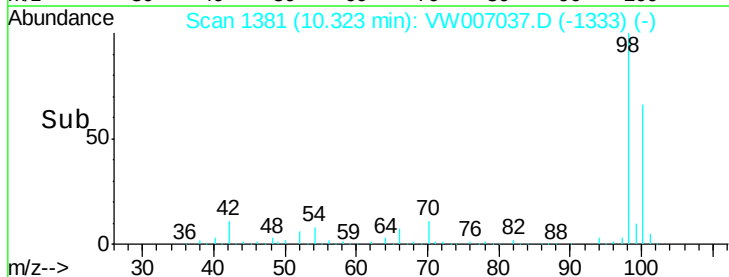
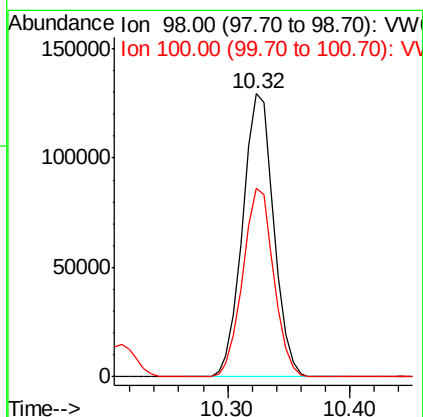
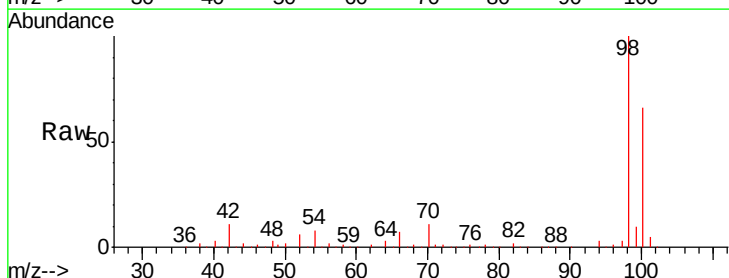
Acq: 26 Nov 2018 10:32

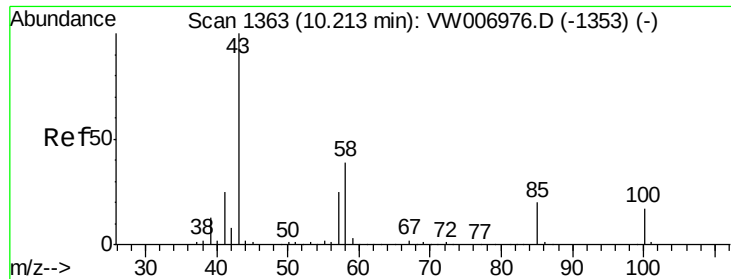
Tgt Ion: 98 Resp: 229083

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 262.22 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampled :

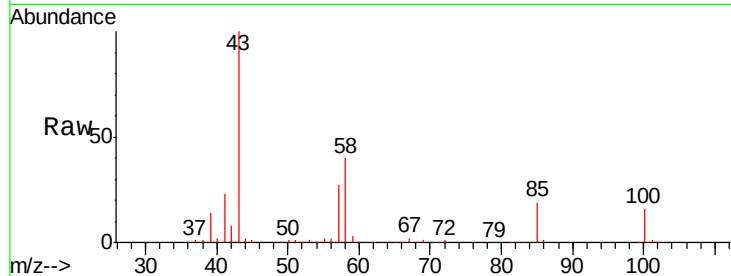
VSTDCCC050

Tgt Ion: 43 Resp: 156729

Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

80000

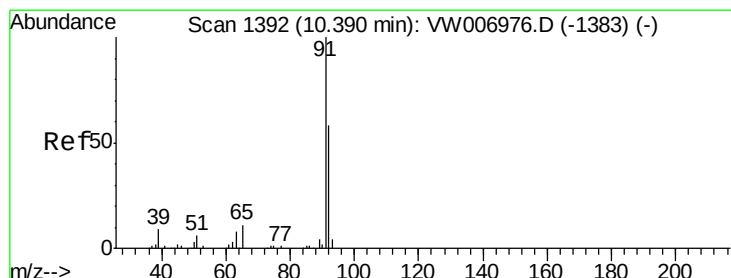
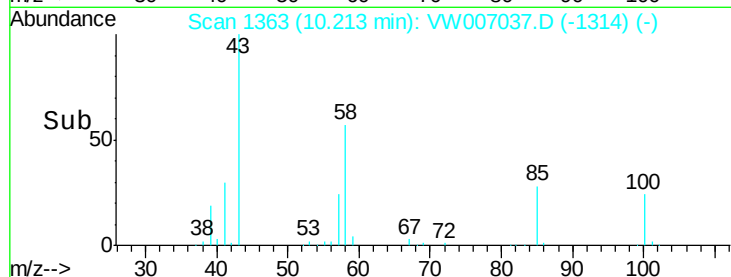
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 56.75 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007037.D

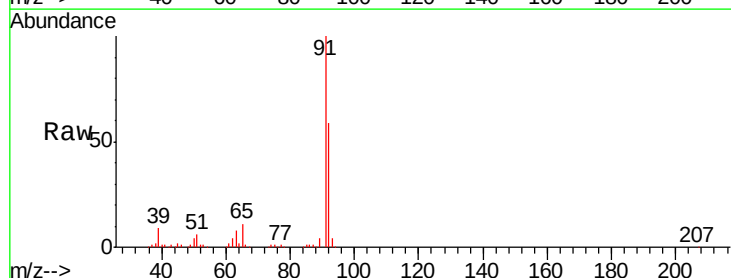
Acq: 26 Nov 2018 10:32

Tgt Ion: 92 Resp: 178549

Ion Ratio Lower Upper

92 100

91 171.6 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

200000

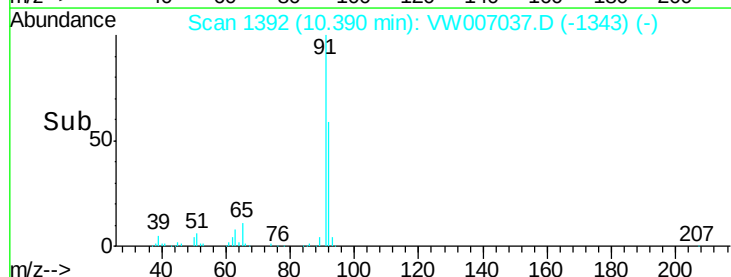
150000

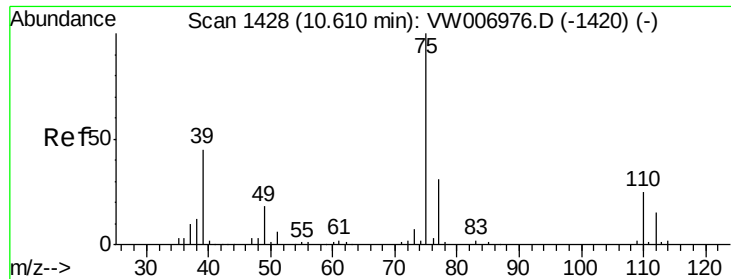
100000

50000

0

Time-->

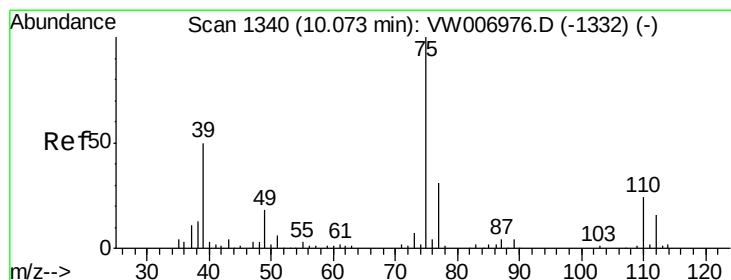
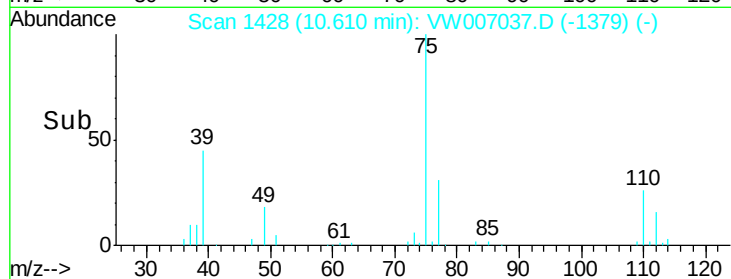
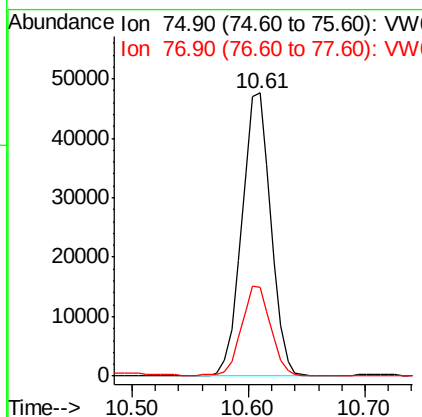
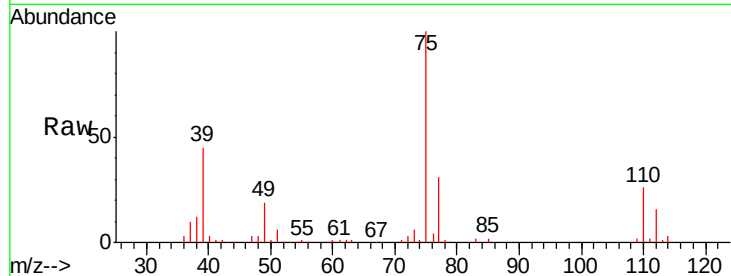




#53
 t-1,3-Dichloropropene
 Concen: 56.89 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

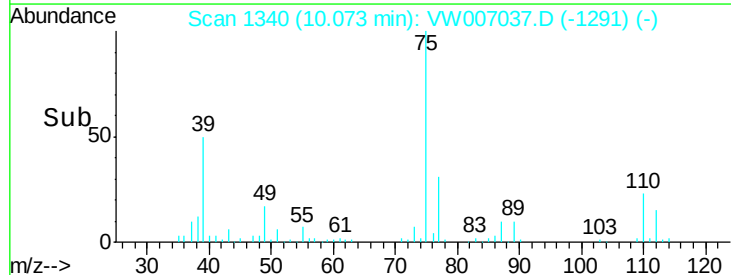
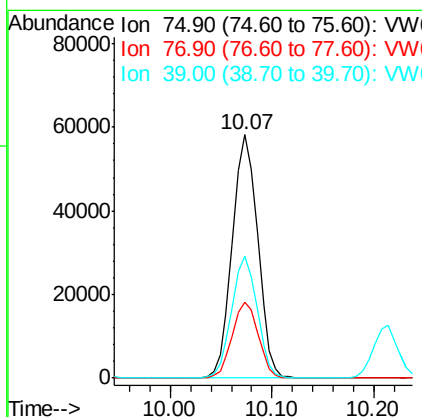
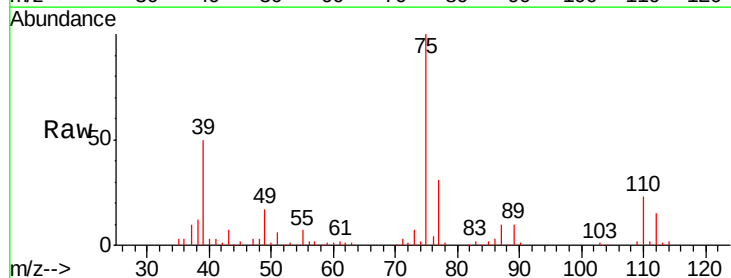
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

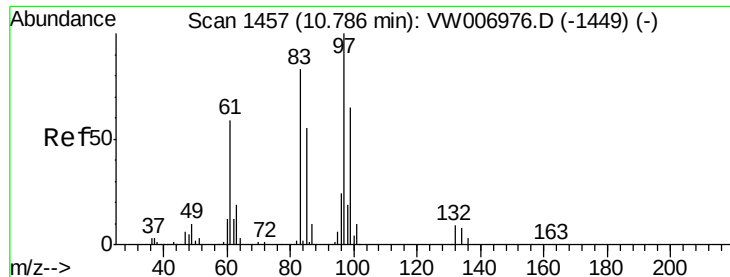
Tgt Ion: 75 Resp: 82868
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 57.13 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 75 Resp: 100543
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 50.0 39.9 59.9

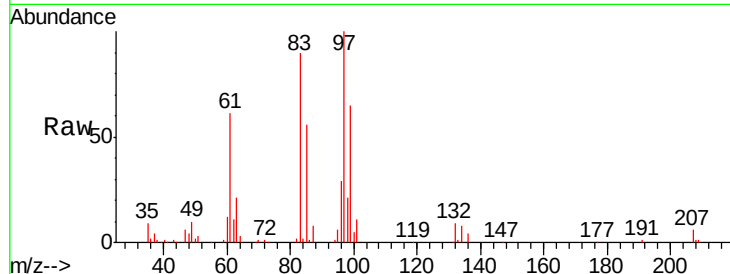




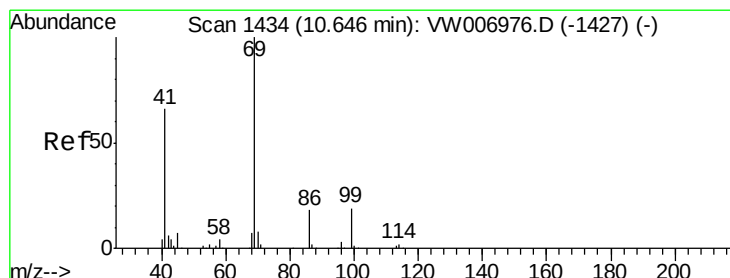
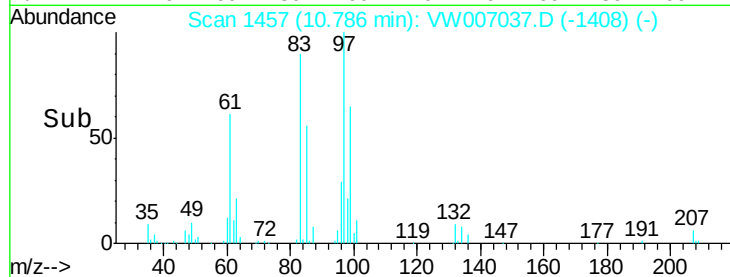
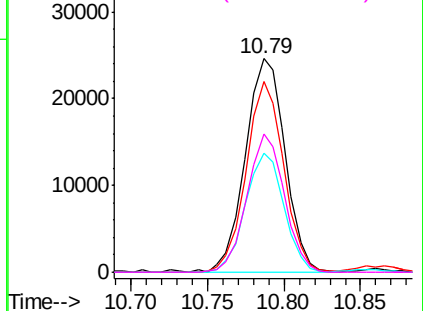
#55
 1,1,2-Trichloroethane
 Concen: 53.01 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	44508
Ion	Ratio	Lower	Upper
97	100		
83	89.5	66.4	99.6
85	56.0	44.1	66.1
99	64.5	51.7	77.5

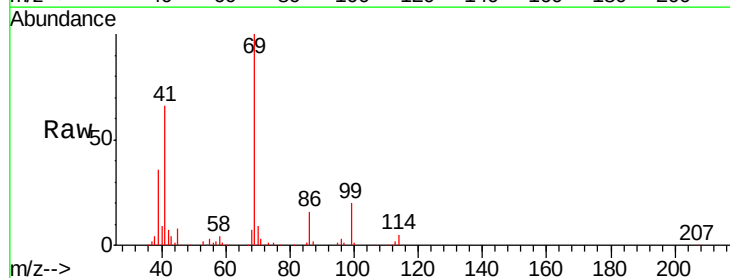


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

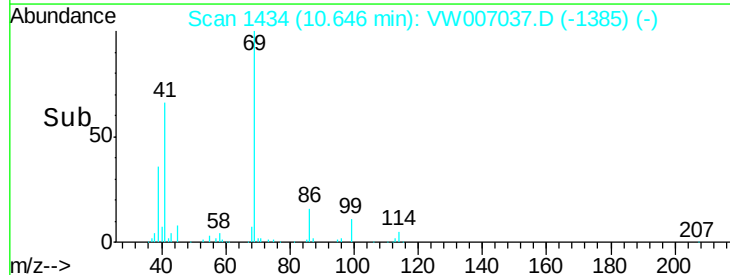
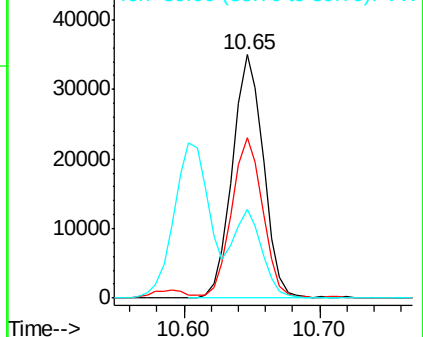


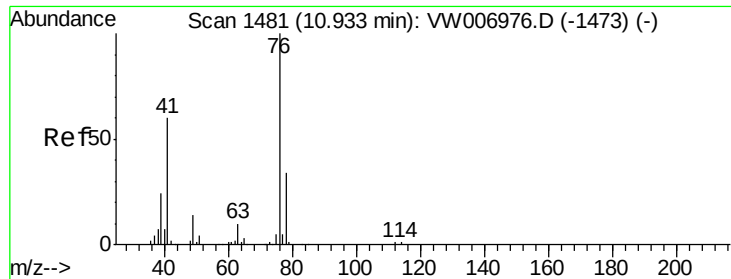
#56
 Ethyl methacrylate
 Concen: 57.12 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion:	69	Resp:	55676
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.4	80.0
39	33.8	28.2	42.4



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

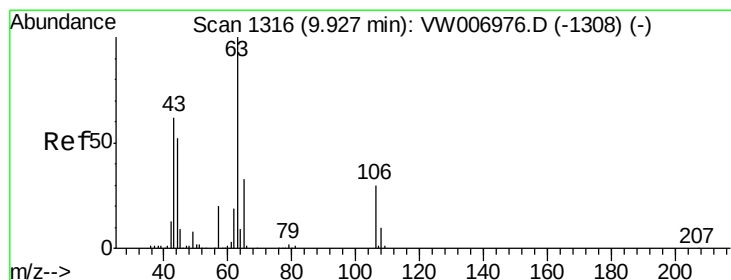
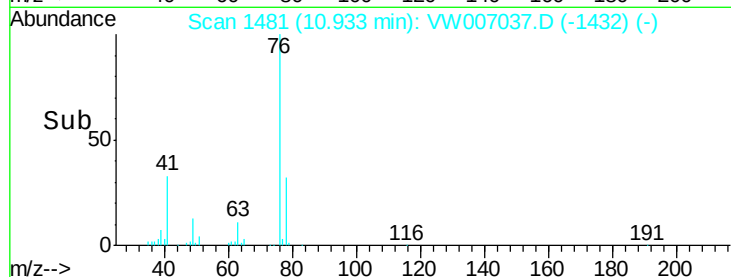
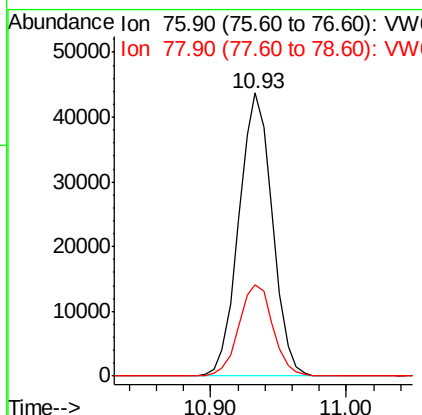
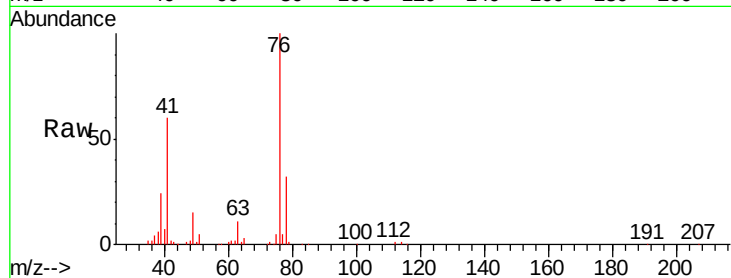




#57
 1,3-Dichloropropane
 Concen: 53.30 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

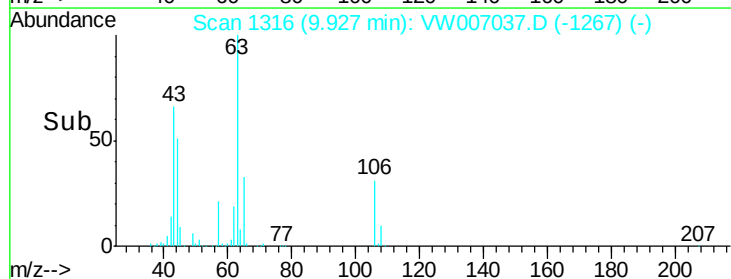
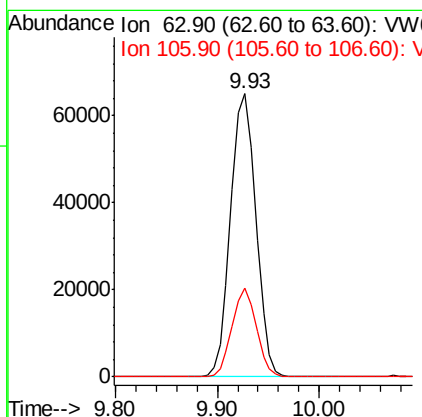
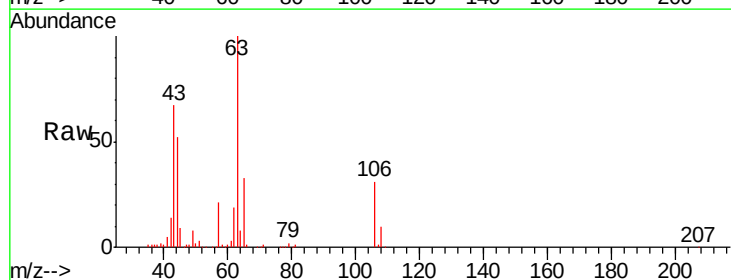
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

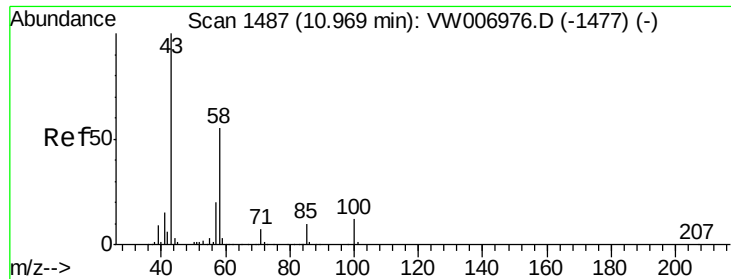
Tgt Ion: 76 Resp: 74997
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.78 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 63 Resp: 111937
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.5 35.3

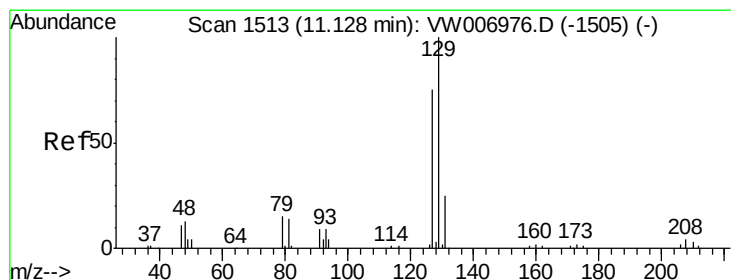
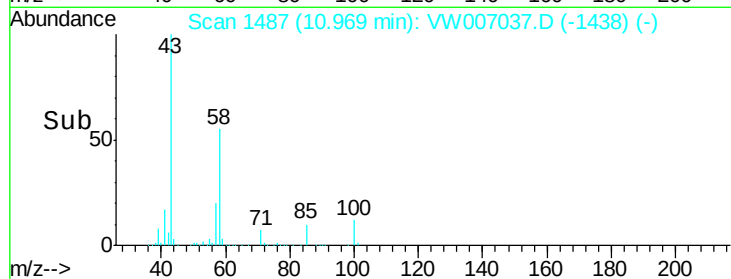
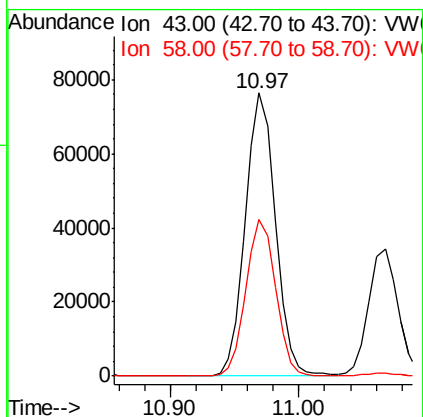
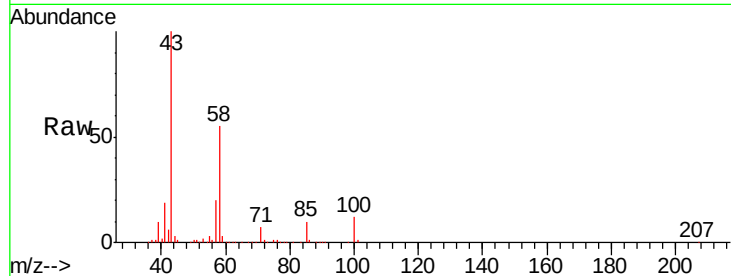




#59
2-Hexanone
Concen: 301.91 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

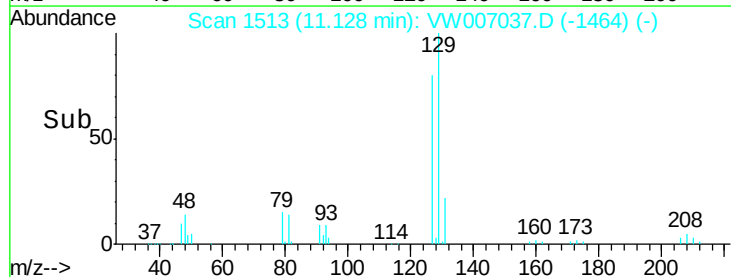
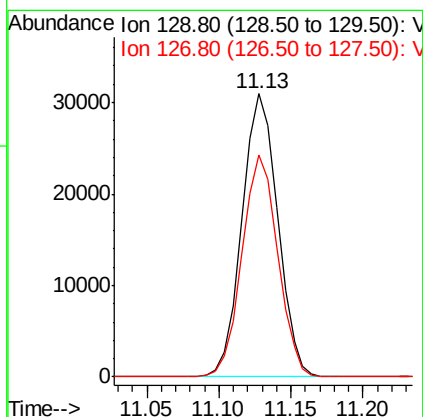
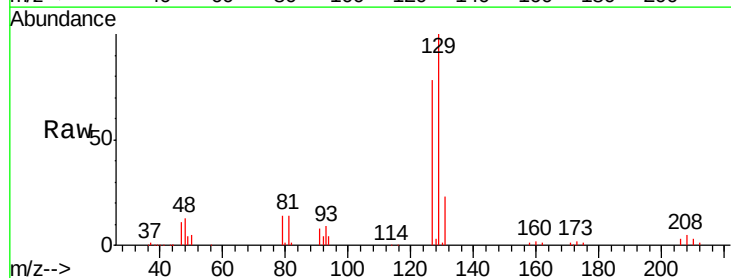
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

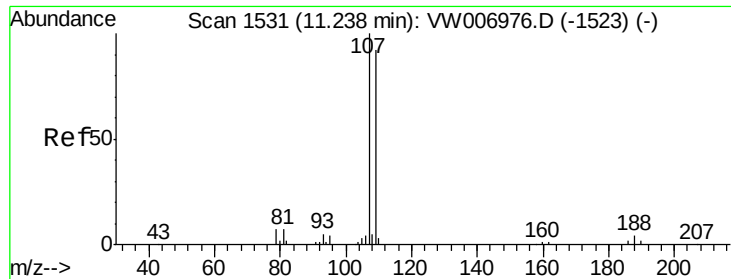
Tgt Ion: 43 Resp: 123571
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8



#60
Dibromochloromethane
Concen: 55.69 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 129 Resp: 53284
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8

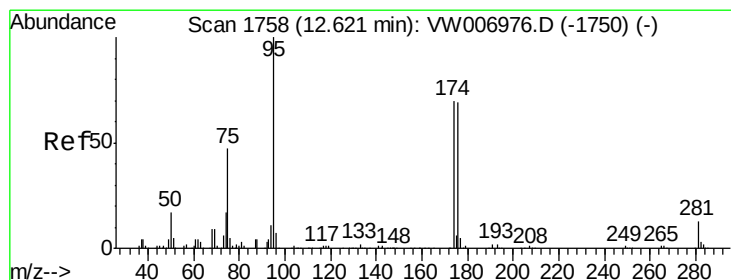
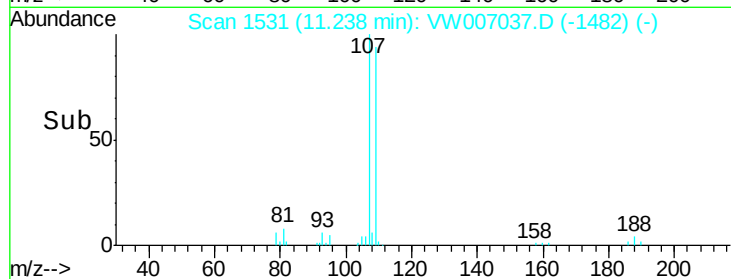
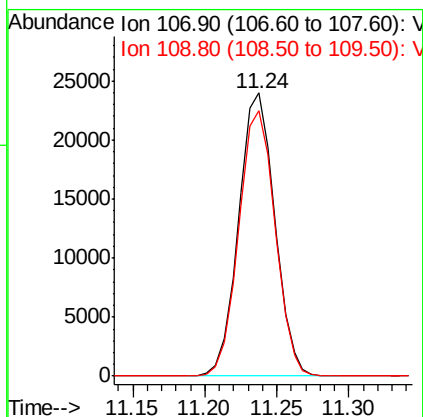
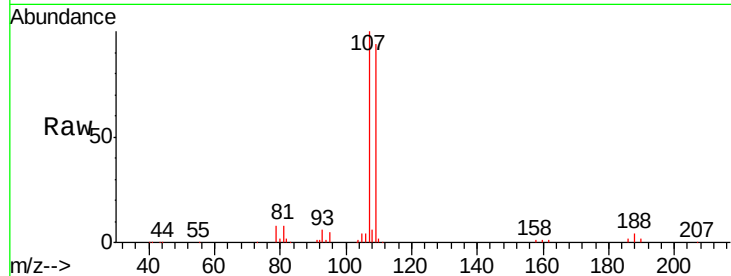




#61
 1,2-Dibromoethane
 Concen: 54.30 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

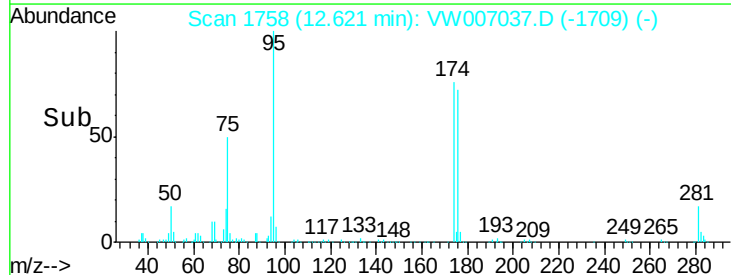
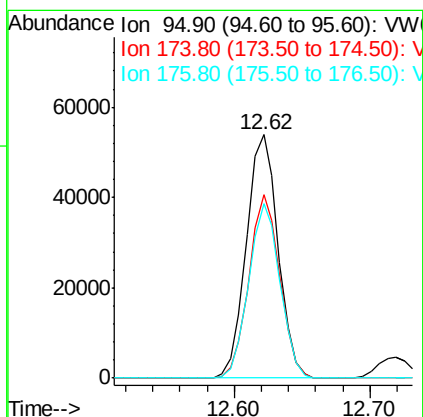
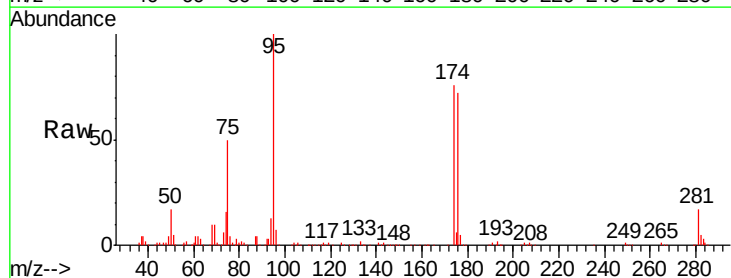
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

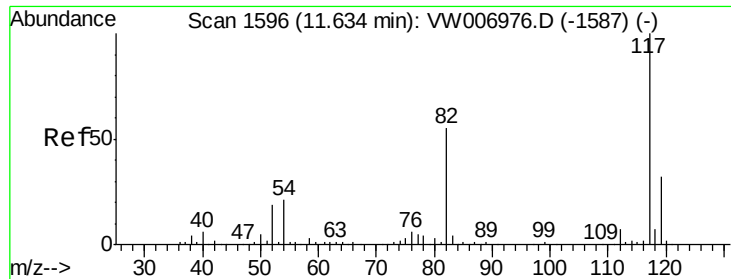
Tgt Ion: 107 Resp: 41707
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 51.08 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 95 Resp: 87857
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 143.6
 176 70.7 0.0 140.4

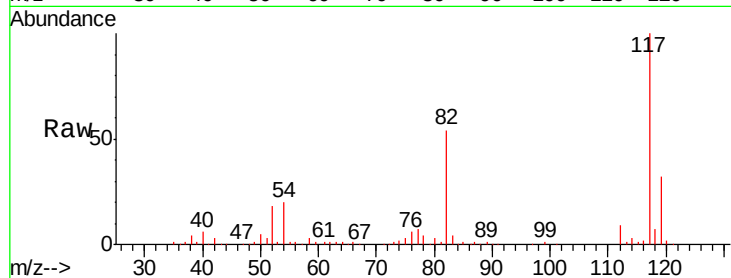




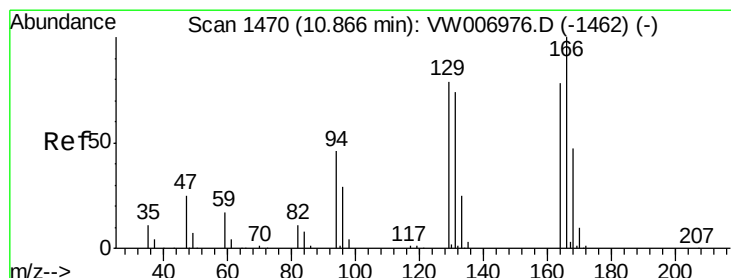
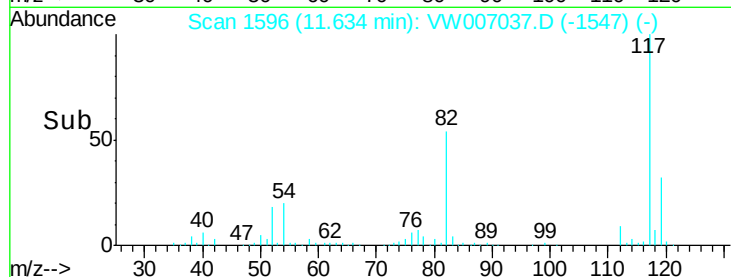
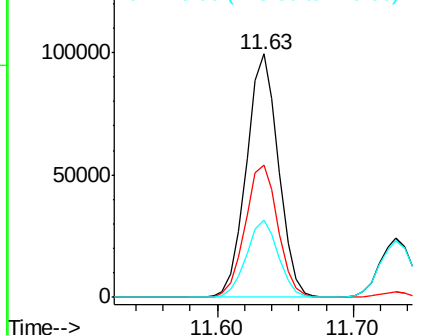
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 164015
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.7 25.9 38.9

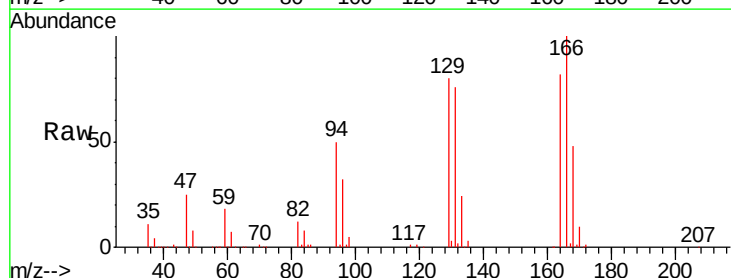


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

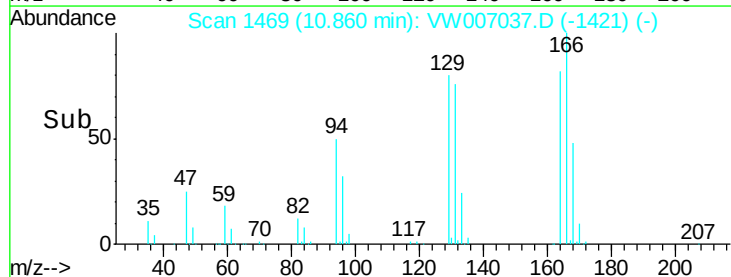
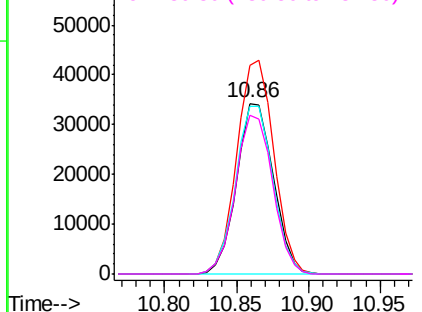


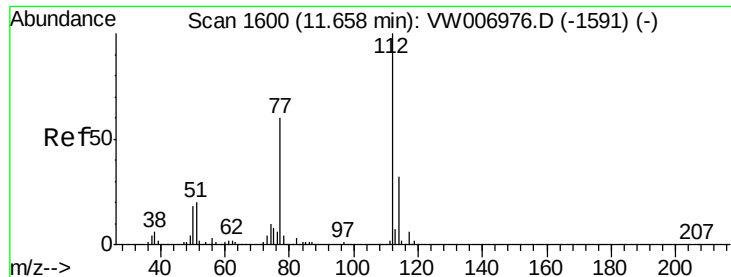
#64
Tetrachloroethene
Concen: 57.53 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion:164 Resp: 60701
Ion Ratio Lower Upper
164 100
166 122.4 102.1 153.1
129 97.8 80.4 120.6
131 92.7 75.2 112.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

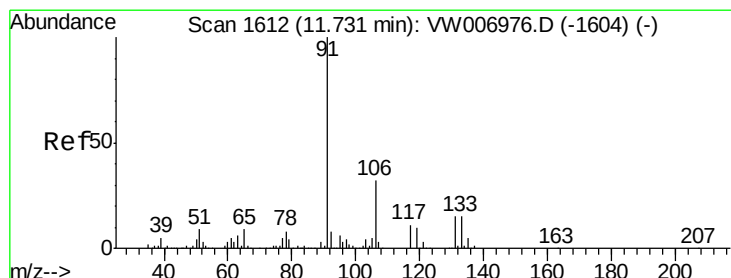
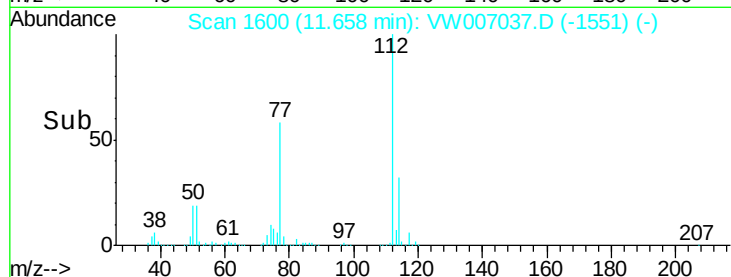
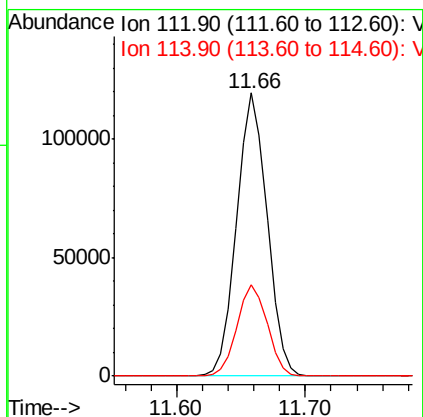
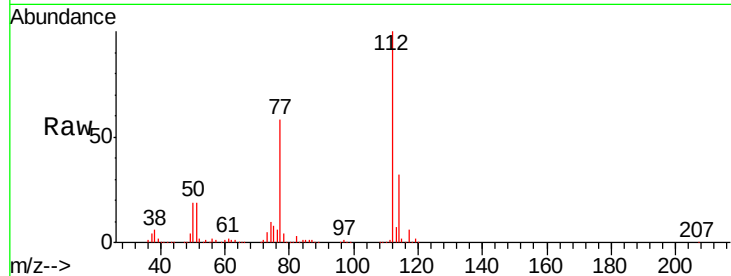




#65
Chlorobenzene
Concen: 57.18 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

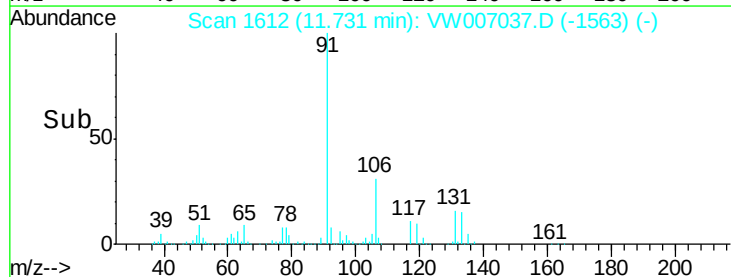
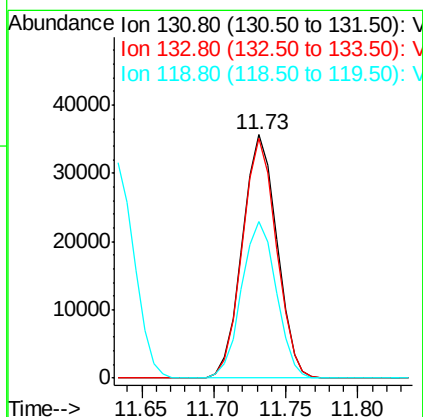
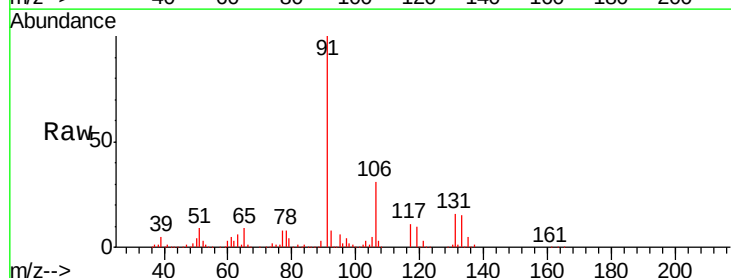
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

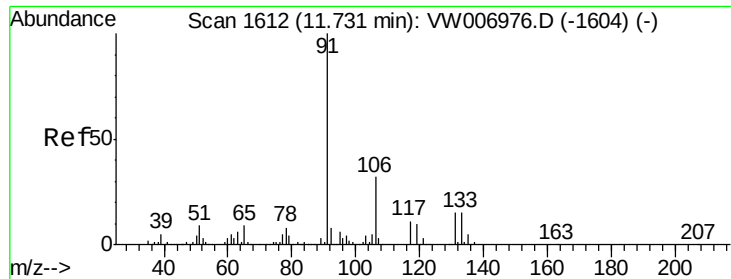
Tgt Ion:112 Resp: 195725
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.49 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion:131 Resp: 59529
Ion Ratio Lower Upper
131 100
133 96.8 47.7 143.1
119 64.7 31.8 95.3

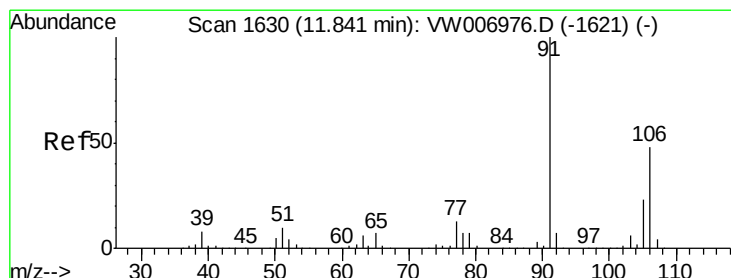
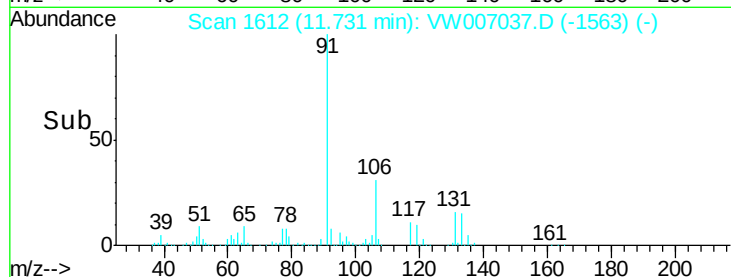
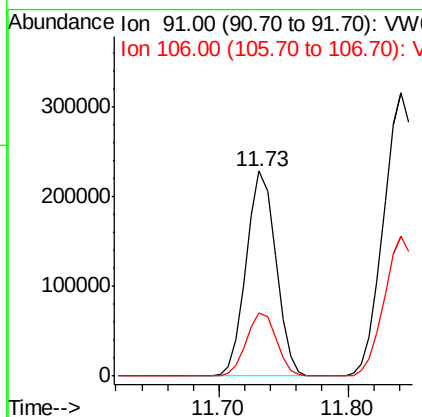
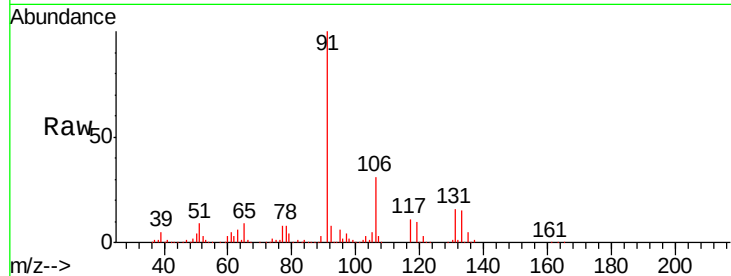




#67
Ethyl Benzene
Concen: 57.72 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

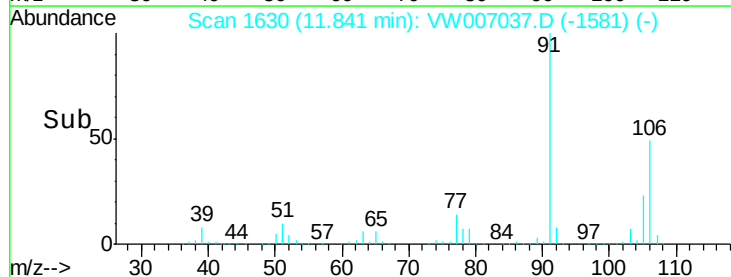
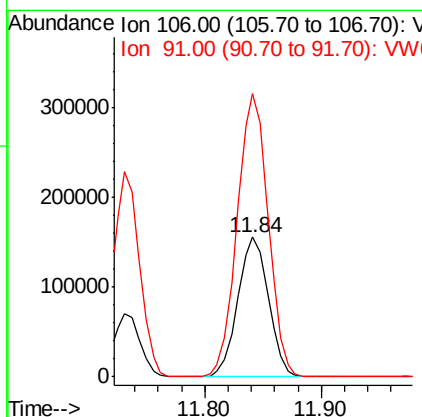
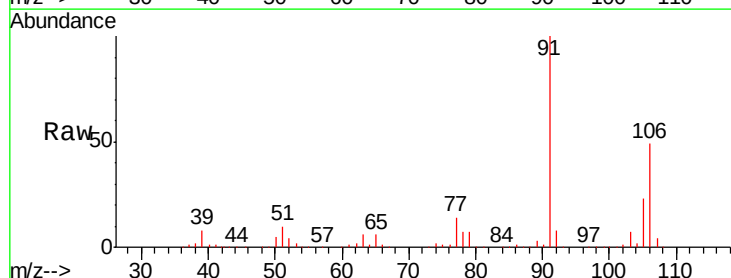
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

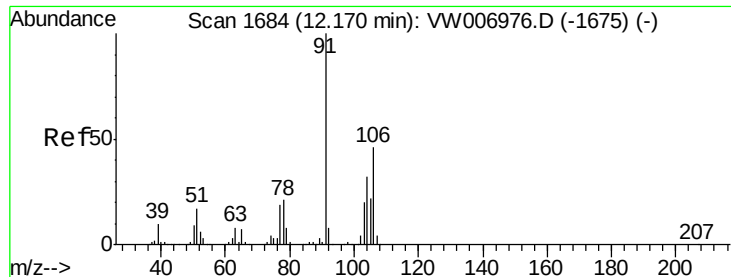
Tgt Ion: 91 Resp: 362998
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2



#68
m/p-Xylenes
Concen: 115.70 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 106 Resp: 285466
Ion Ratio Lower Upper
106 100
91 204.9 164.8 247.2

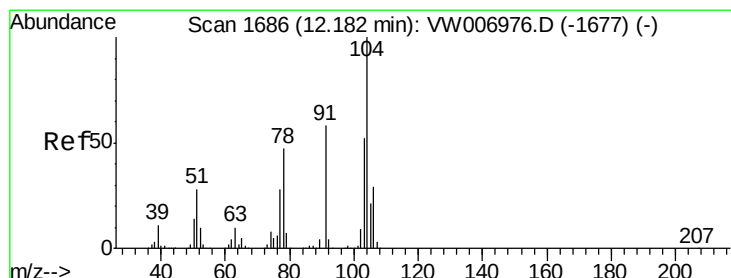
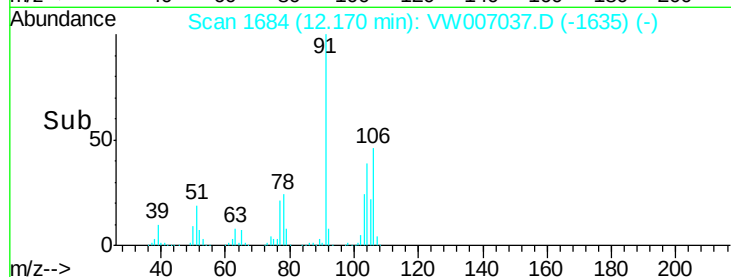
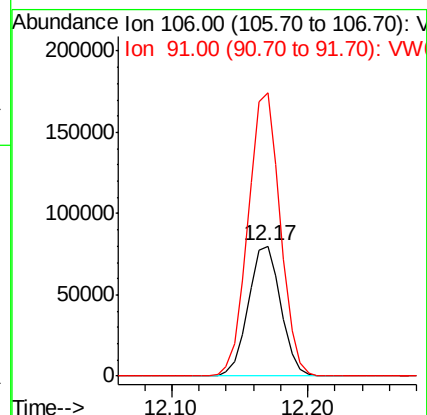
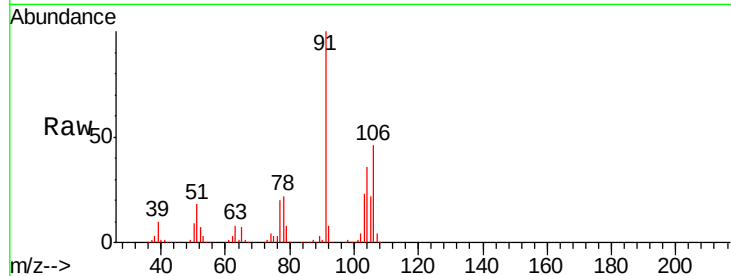




#69
o-Xylene
Concen: 57.24 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

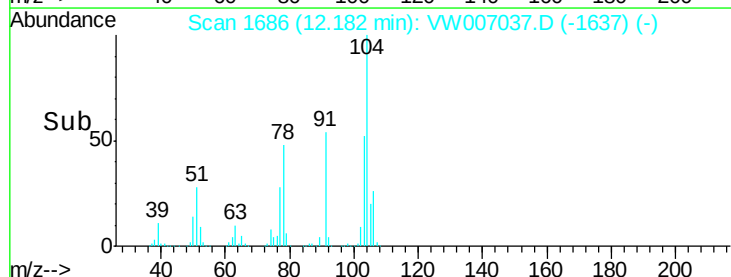
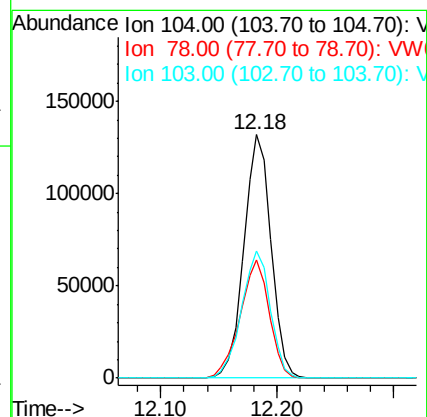
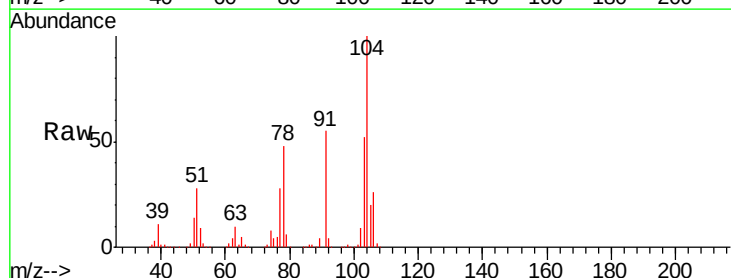
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

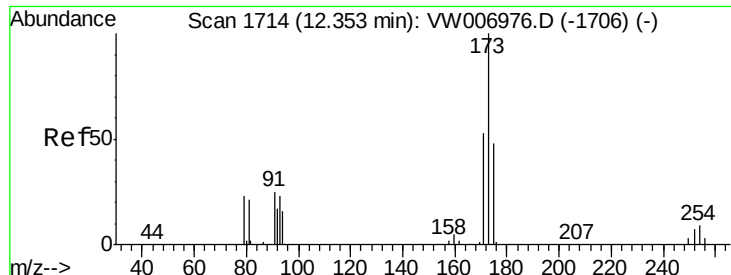
Tgt Ion:106 Resp: 133157
Ion Ratio Lower Upper
106 100
91 216.5 107.9 323.8



#70
Styrene
Concen: 57.81 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion:104 Resp: 214033
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 55.7 44.4 66.6





#71

Bromoform

Concen: 57.58 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

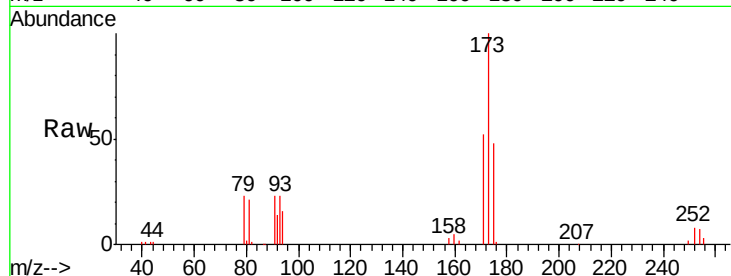
Tgt Ion:173 Resp: 28087

Ion Ratio Lower Upper

173 100

175 49.6 24.0 72.0

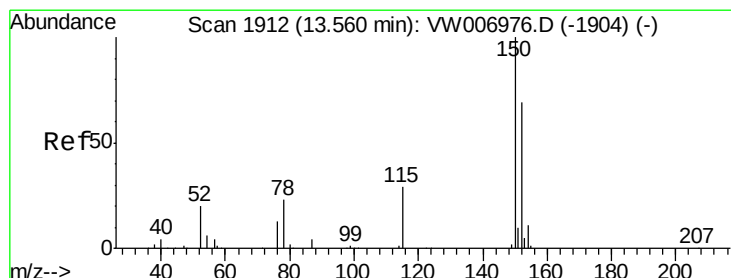
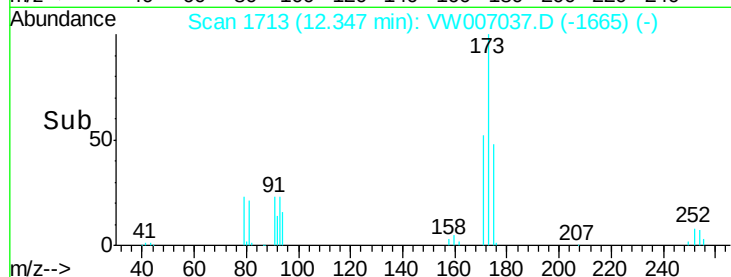
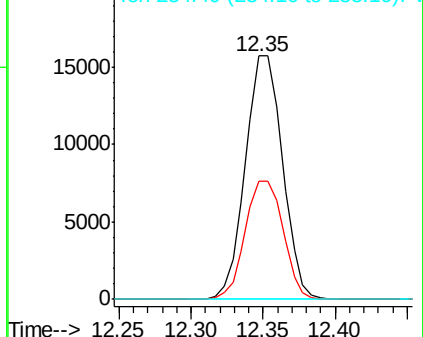
254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

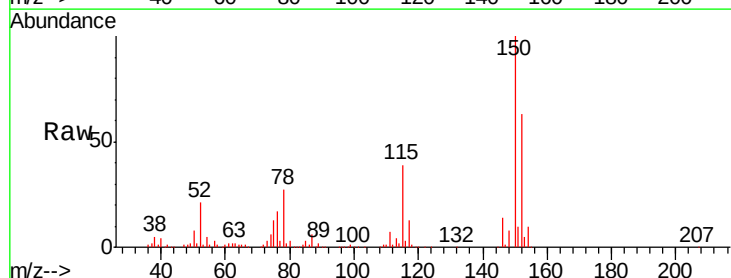
Tgt Ion:152 Resp: 82045

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

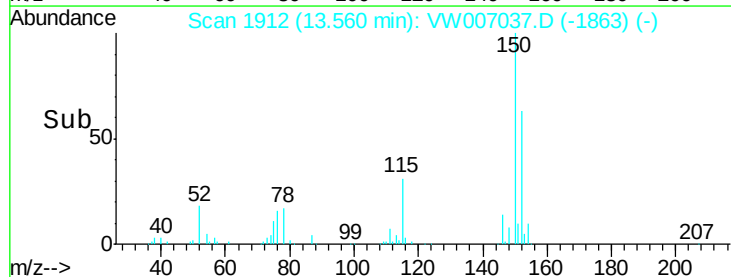
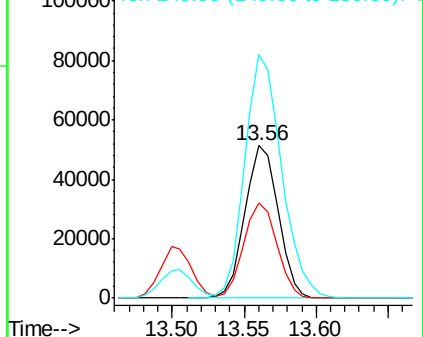
150 176.2 0.0 353.4

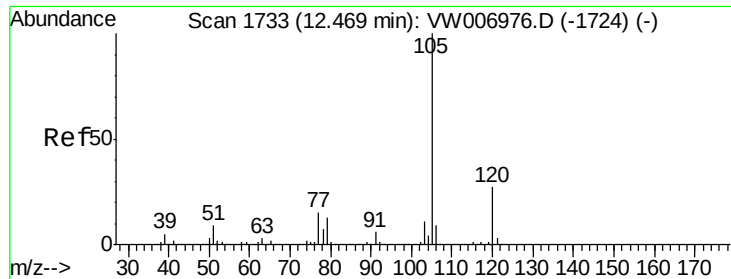


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.41 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampled :

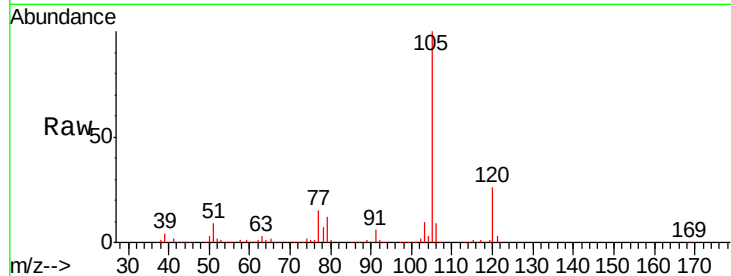
VSTDCCC050

Tgt Ion: 105 Resp: 372477

Ion Ratio Lower Upper

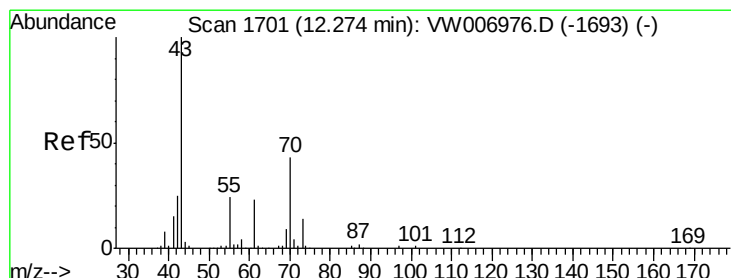
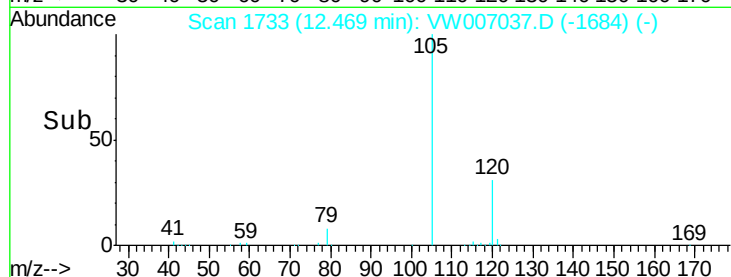
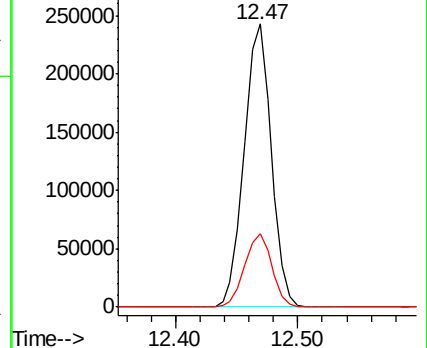
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.11 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Tgt Ion: 43 Resp: 63167

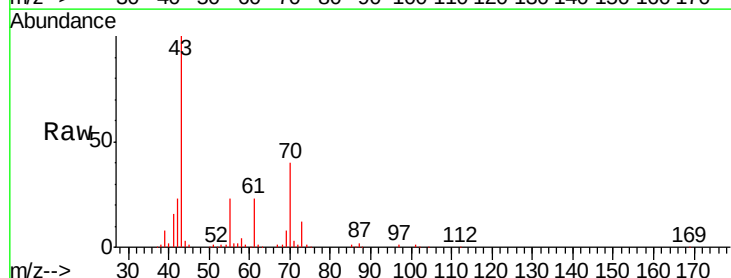
Ion Ratio Lower Upper

43 100

70 41.8 34.0 51.0

55 24.9 19.4 29.0

61 24.1 19.4 29.2

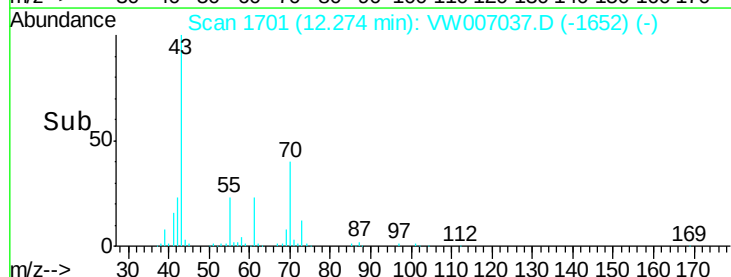
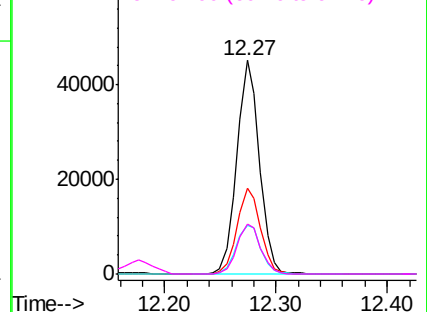


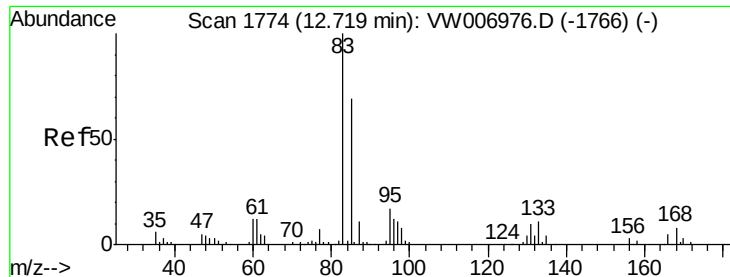
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

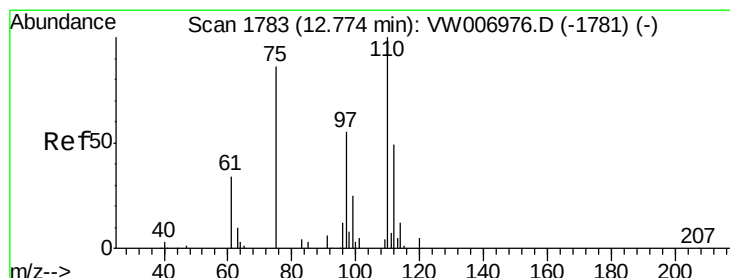
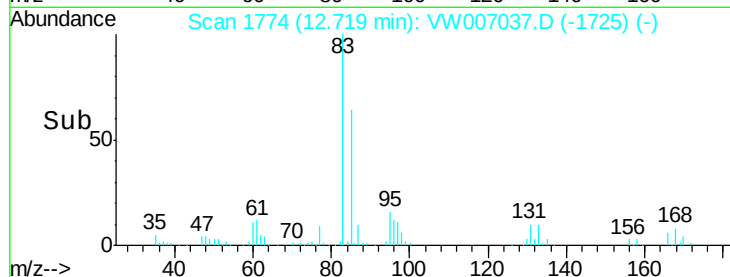
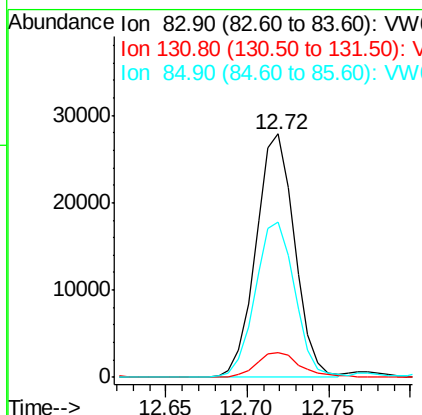
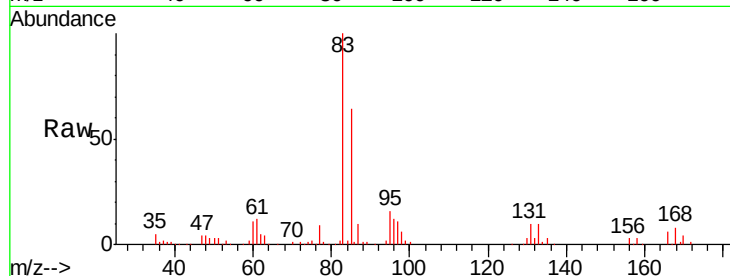




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.10 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

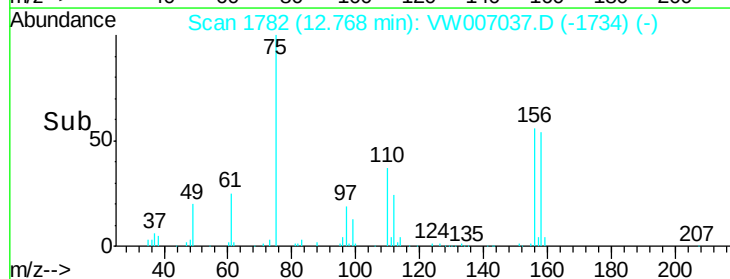
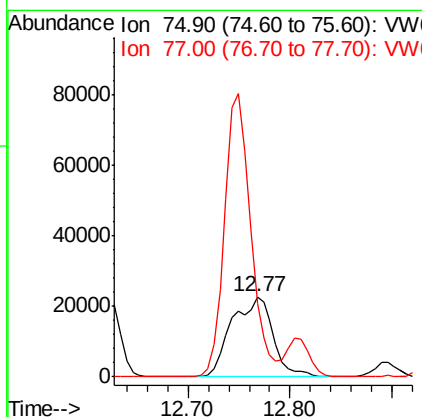
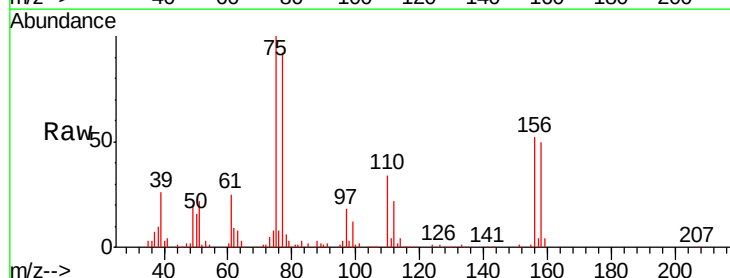
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

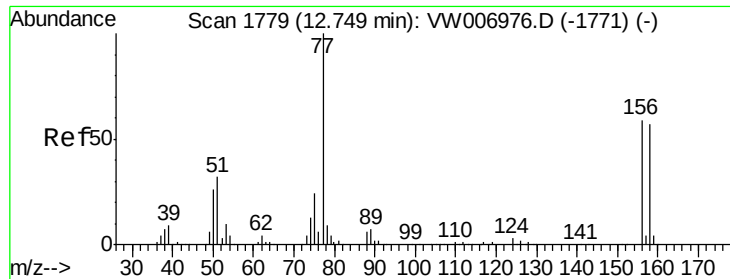
Tgt Ion: 83 Resp: 45910
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.7 17.1
 85 65.5 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 99.59 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 75 Resp: 64203
 Ion Ratio Lower Upper
 75 100
 77 222.8 0.0 0.0#





#77

Bromobenzene

Concen: 56.22 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

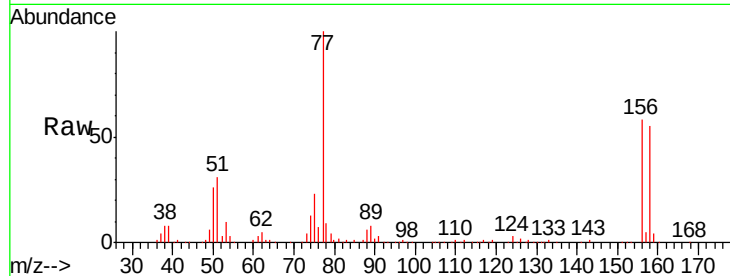
Tgt Ion:156 Resp: 76991

Ion Ratio Lower Upper

156 100

77 185.8 94.6 283.8

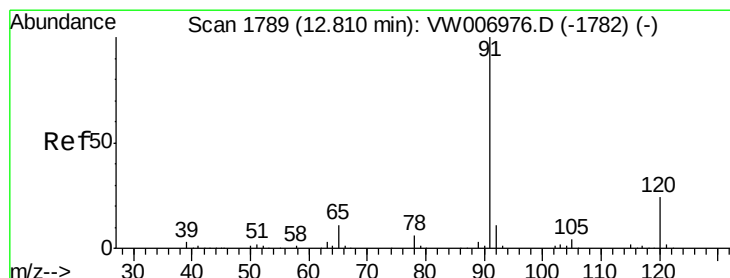
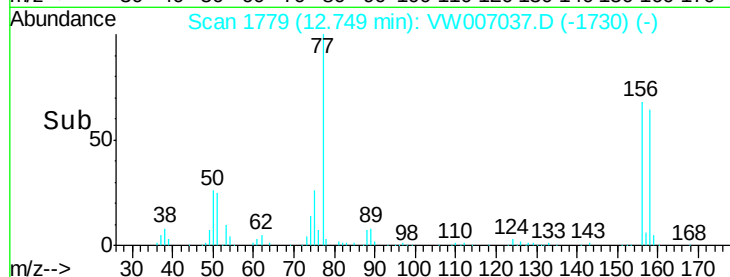
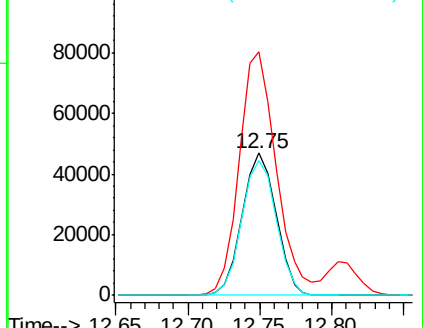
158 96.0 48.9 146.7



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: 57.52 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007037.D

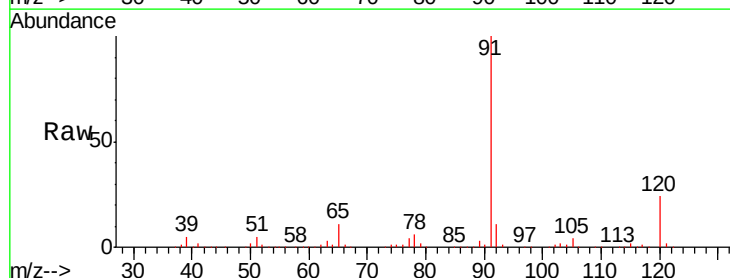
Acq: 26 Nov 2018 10:32

Tgt Ion: 91 Resp: 444264

Ion Ratio Lower Upper

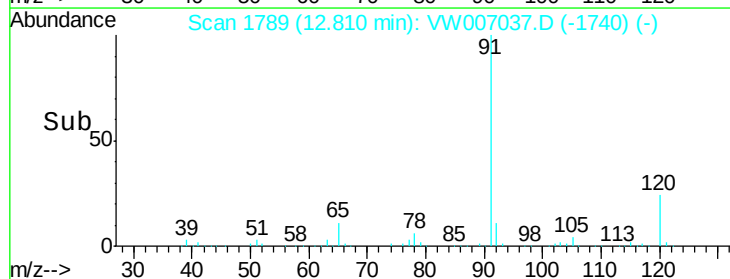
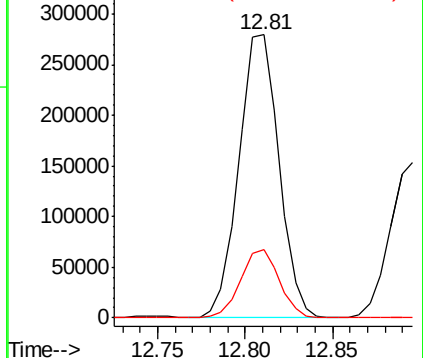
91 100

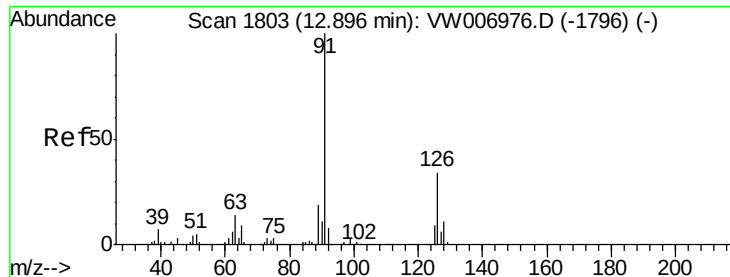
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.77 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

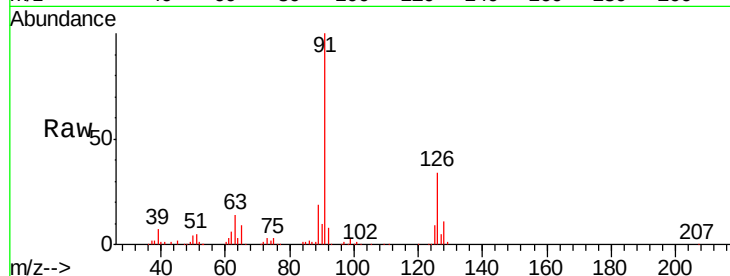
VSTDCCC050

Tgt Ion: 91 Resp: 252803

Ion Ratio Lower Upper

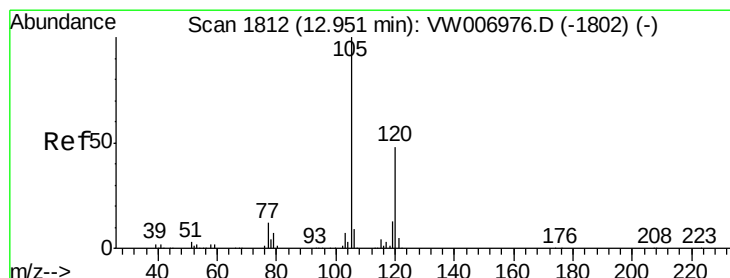
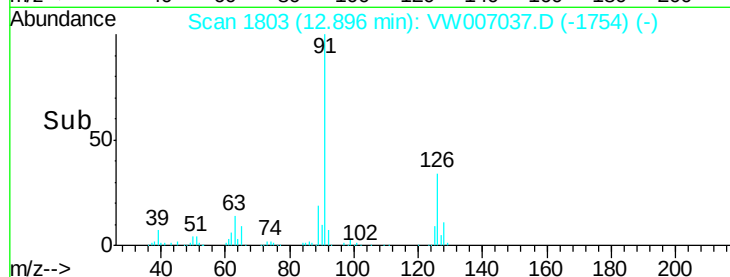
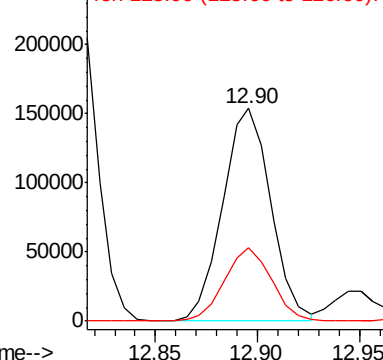
91 100

126 33.5 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.09 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007037.D

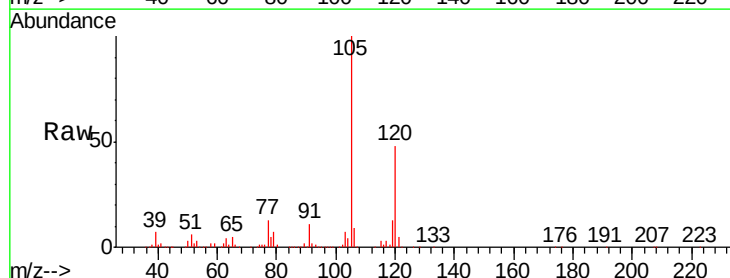
Acq: 26 Nov 2018 10:32

Tgt Ion: 105 Resp: 320294

Ion Ratio Lower Upper

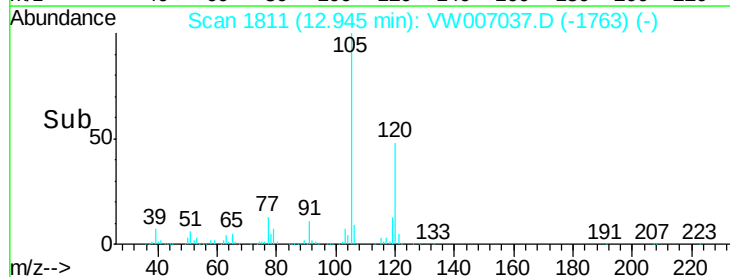
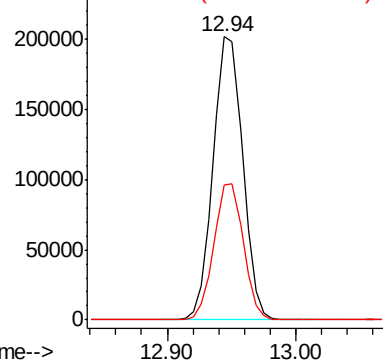
105 100

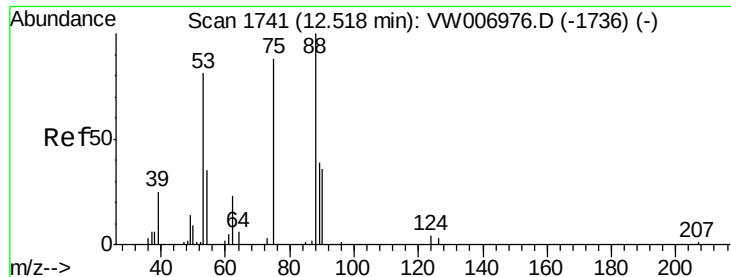
120 48.0 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

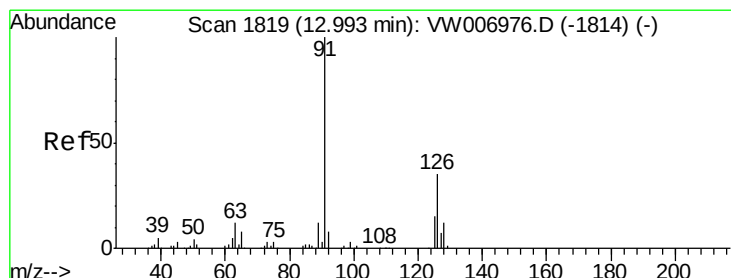
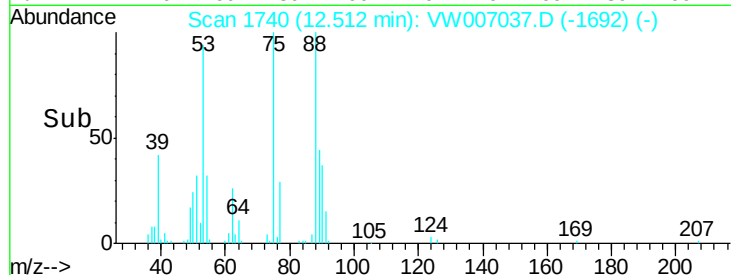
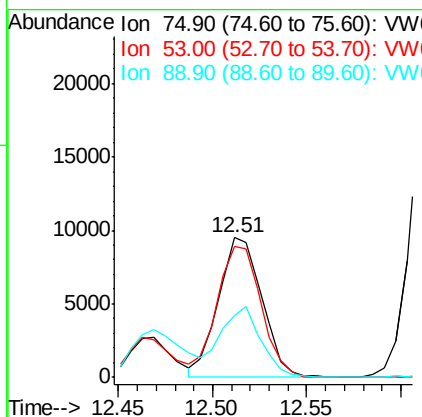
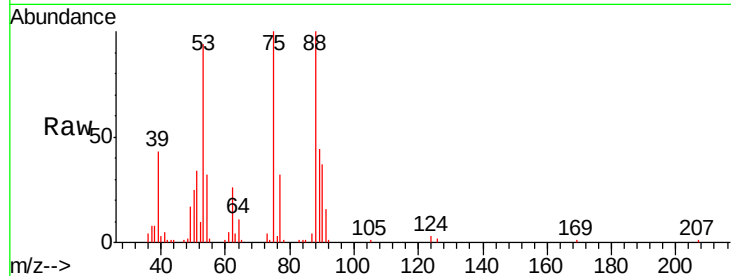




#81
trans-1,4-Dichloro-2-butene
Concen: 59.36 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

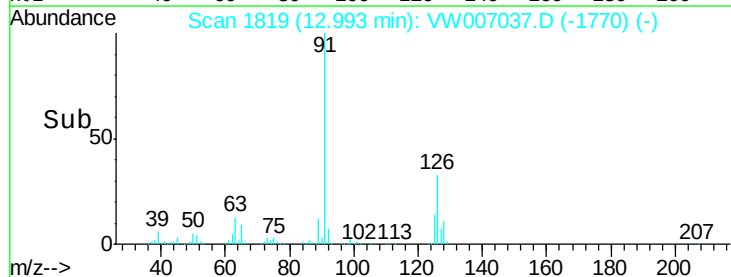
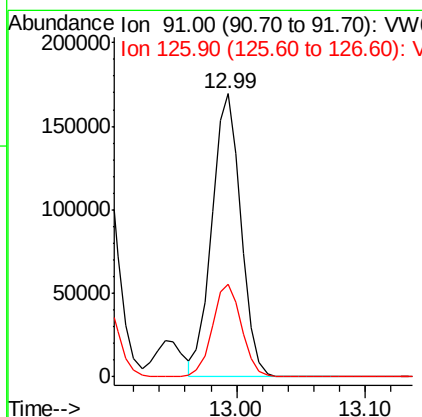
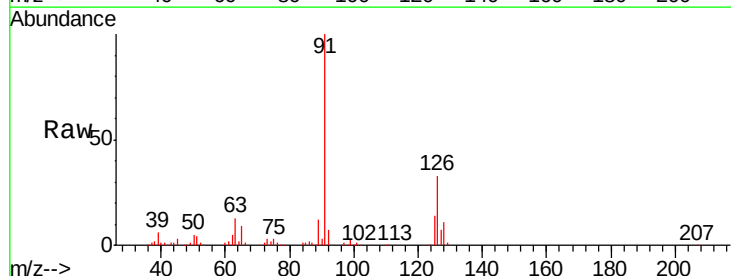
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

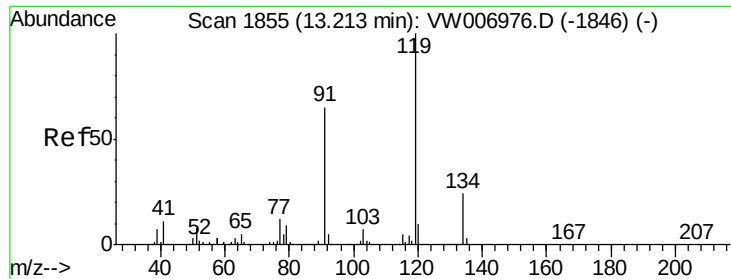
Tgt Ion: 75 Resp: 15243
Ion Ratio Lower Upper
75 100
53 95.3 77.6 116.4
89 46.9 39.3 58.9



#82
4-Chlorotoluene
Concen: 57.13 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion: 91 Resp: 267018
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

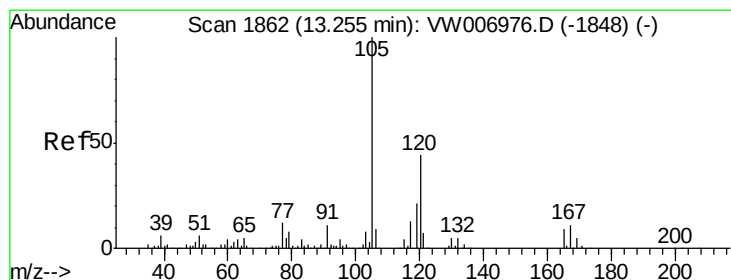
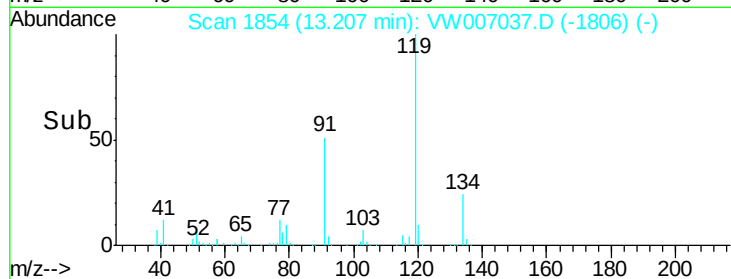
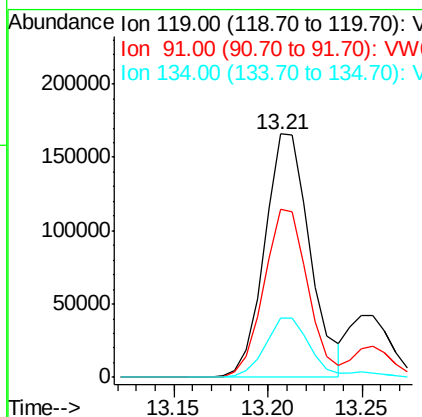
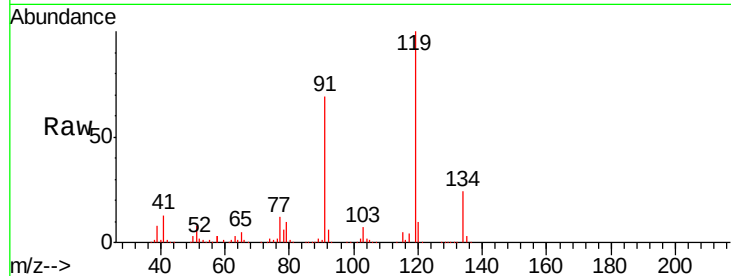




#83
 tert-Butylbenzene
 Concen: 57.86 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

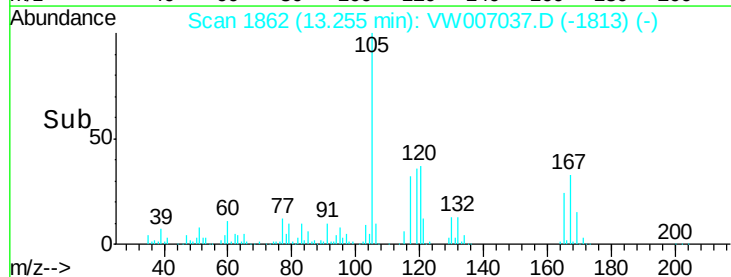
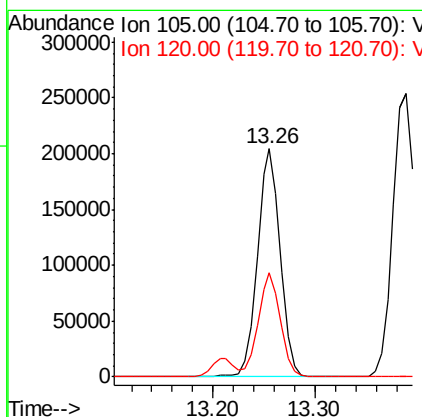
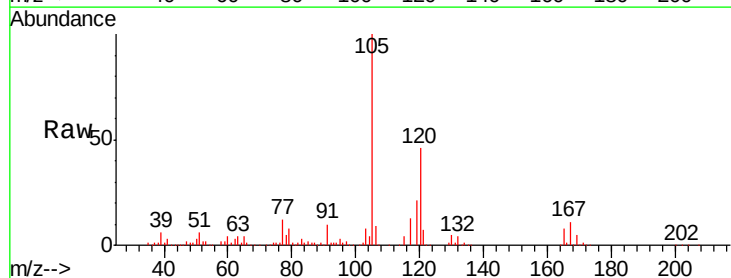
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

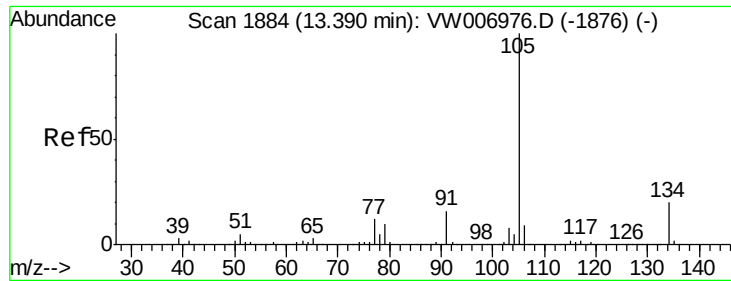
Tgt Ion:119 Resp: 276218
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.5 100.5
 134 25.3 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 57.82 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion:105 Resp: 317638
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.8 65.3

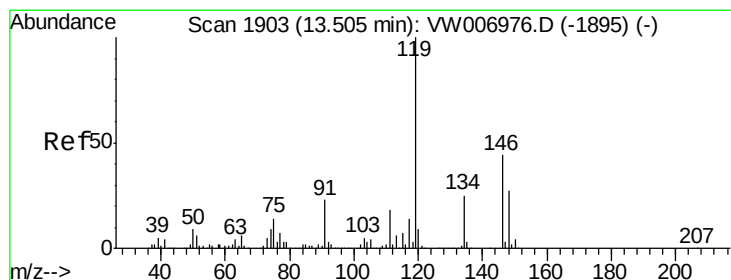
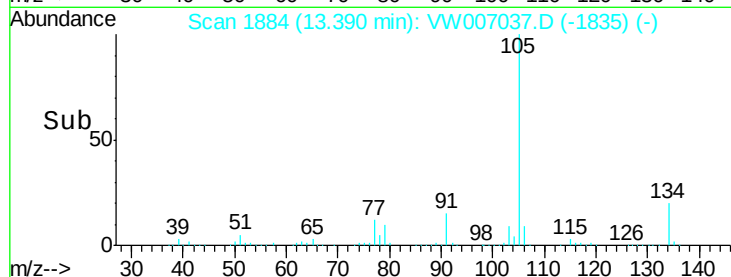
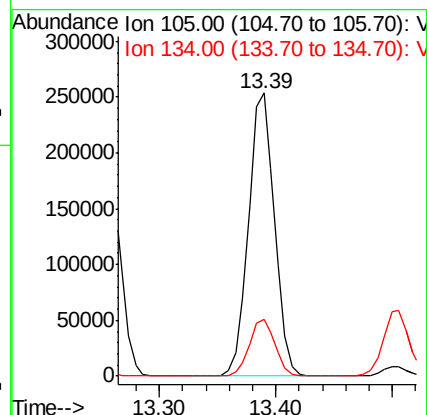
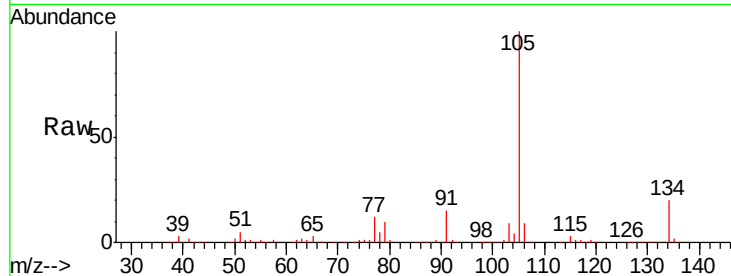




#85
 sec-Butylbenzene
 Concen: 58.49 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

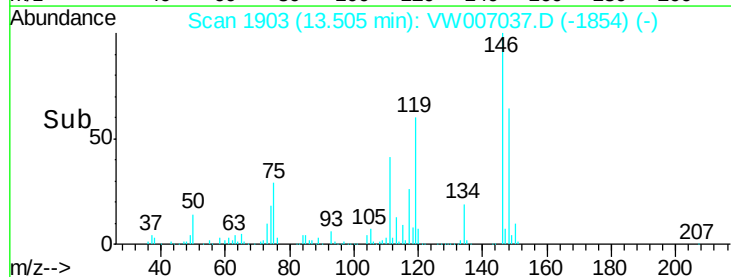
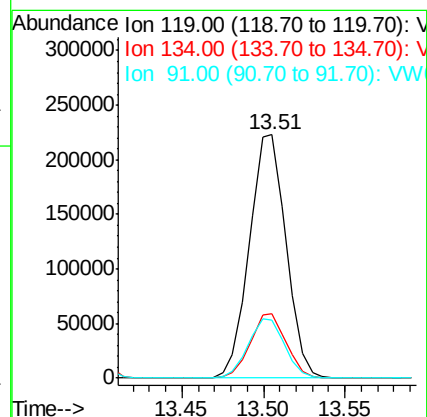
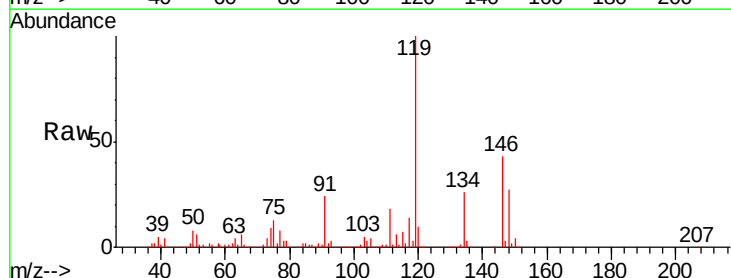
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

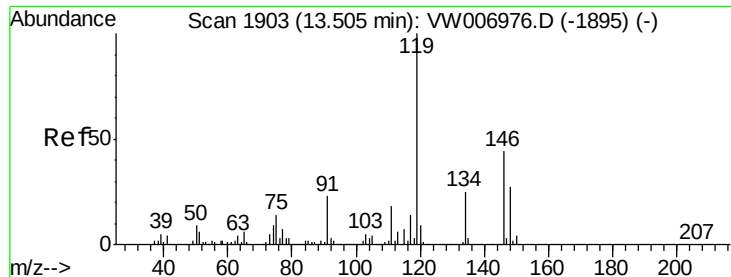
Tgt Ion:105 Resp: 394490
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 58.47 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion:119 Resp: 347918
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 24.2 12.2 36.6

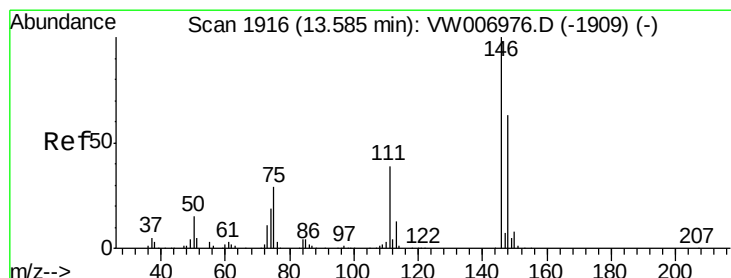
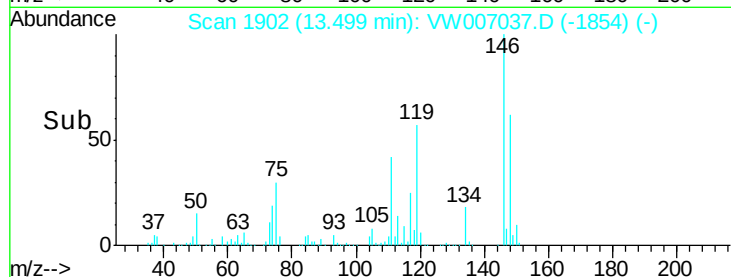
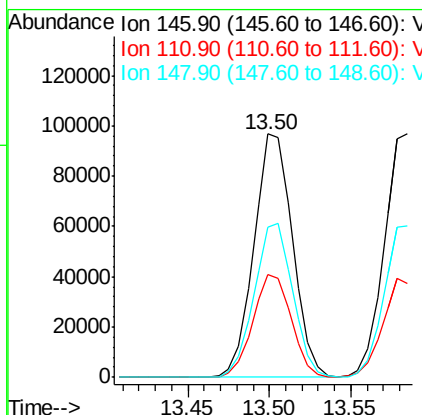
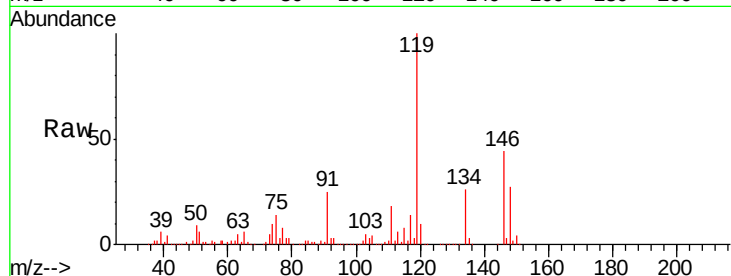




#87
 1,3-Dichlorobenzene
 Concen: 56.97 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

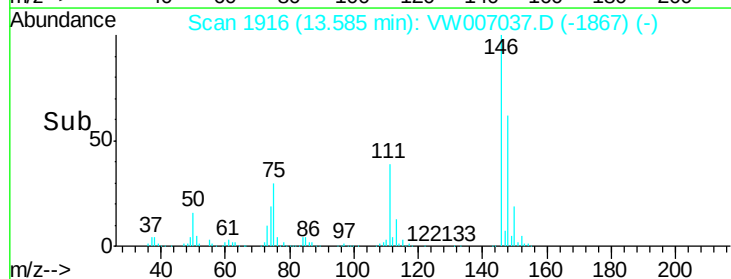
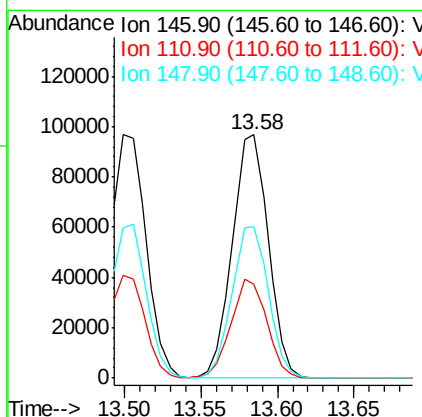
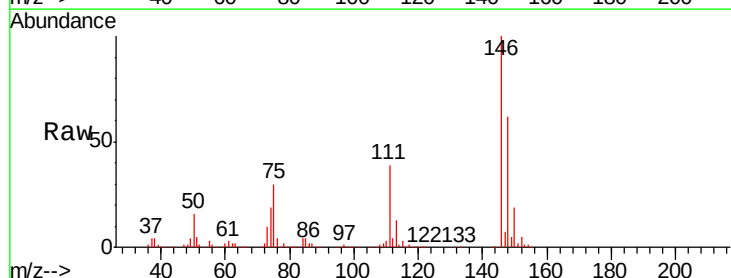
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

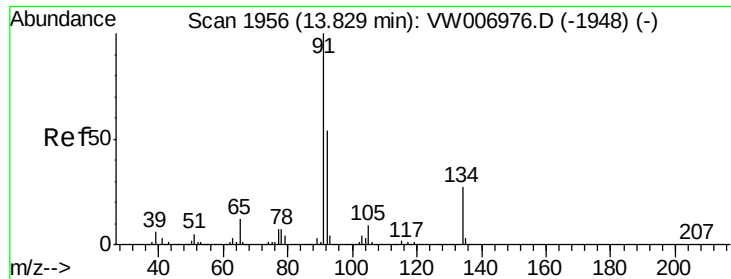
Tgt Ion:146 Resp: 159282
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 62.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 56.79 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion:146 Resp: 158305
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.6 61.8
 148 63.0 32.3 96.8





#89

n-Butylbenzene

Concen: 58.86 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007037.D

Acq: 26 Nov 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

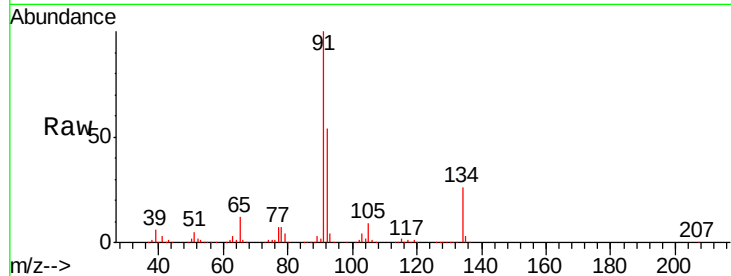
Tgt Ion: 91 Resp: 329565

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.4

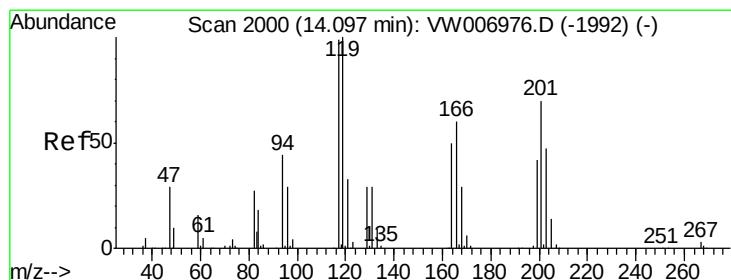
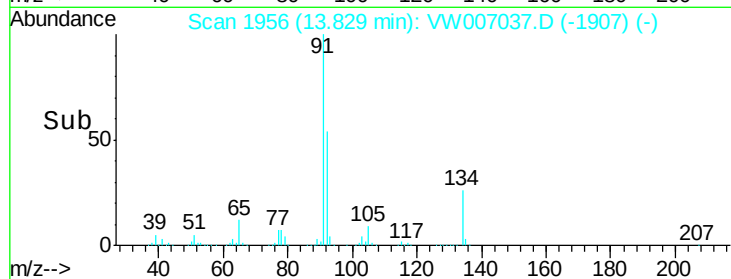
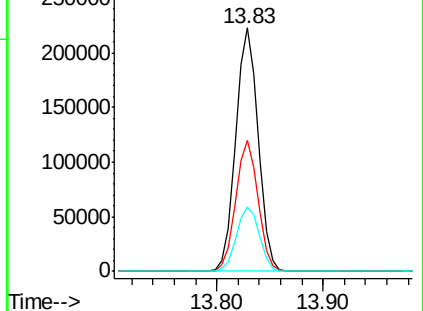
134 27.0 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 60.33 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007037.D

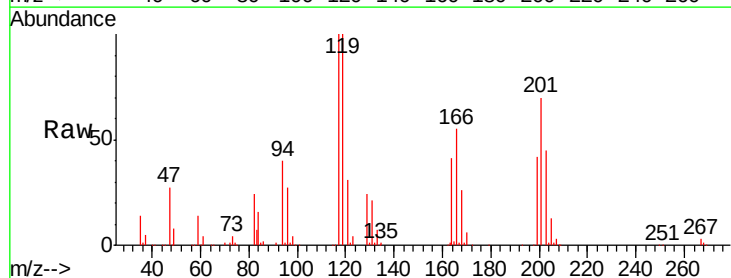
Acq: 26 Nov 2018 10:32

Tgt Ion: 117 Resp: 52402

Ion Ratio Lower Upper

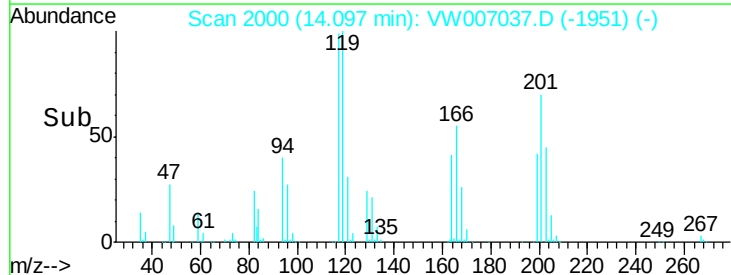
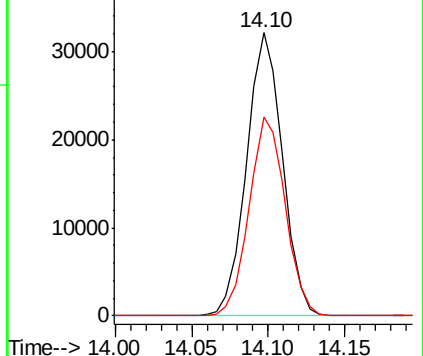
117 100

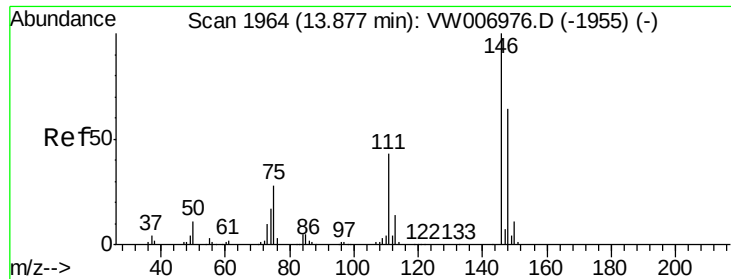
201 70.9 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

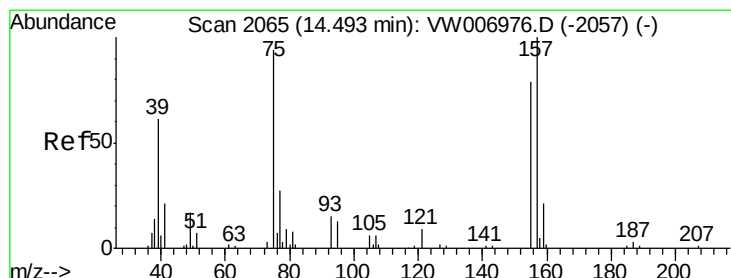
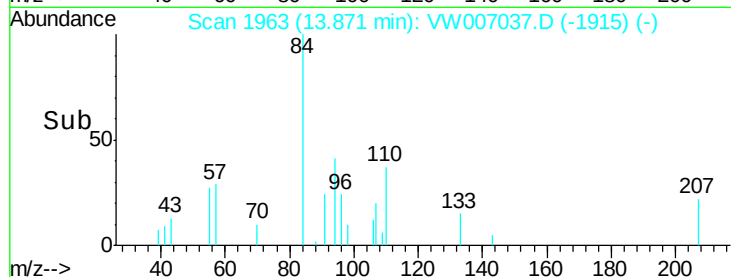
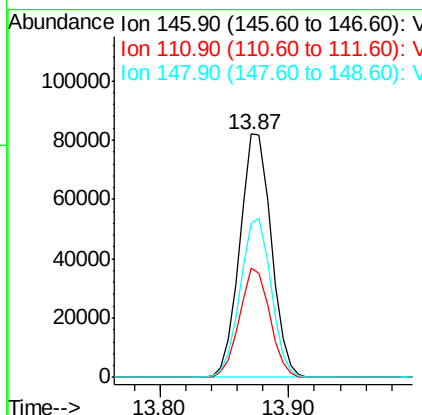
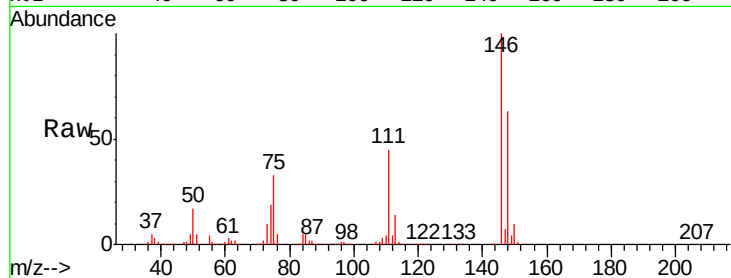




#91
 1,2-Dichlorobenzene
 Concen: 56.55 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

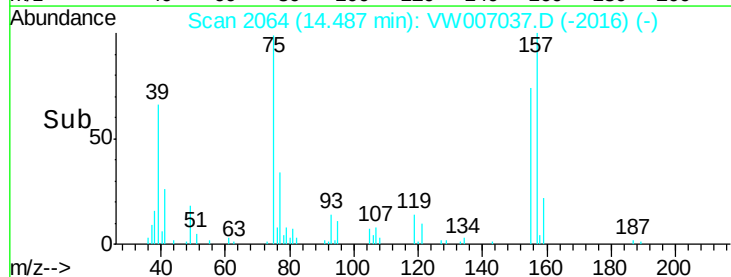
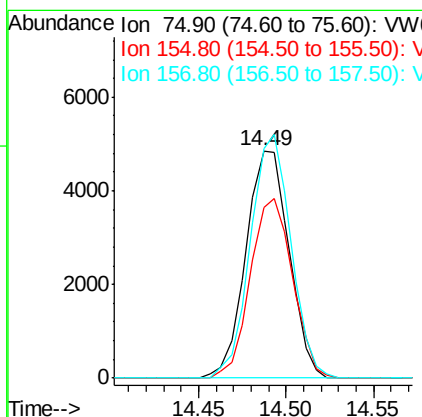
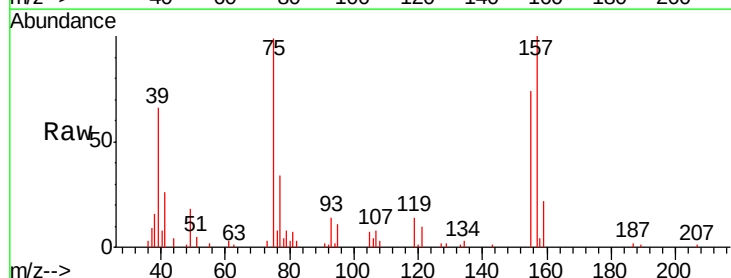
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

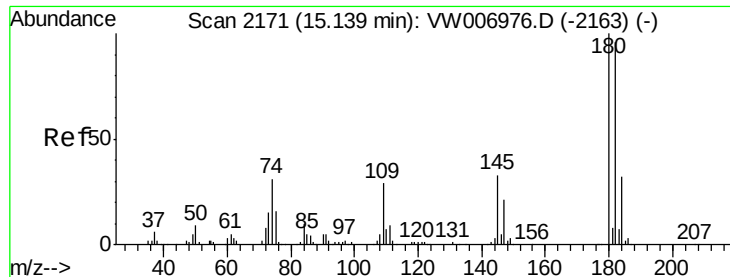
Tgt Ion: 146 Resp: 138535
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.9 65.7
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.06 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion: 75 Resp: 8321
 Ion Ratio Lower Upper
 75 100
 155 77.5 42.6 127.8
 157 100.8 55.0 165.0

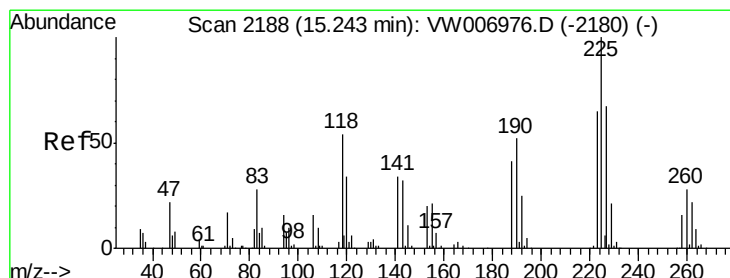
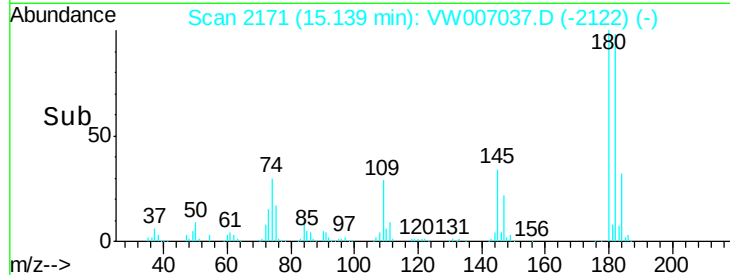
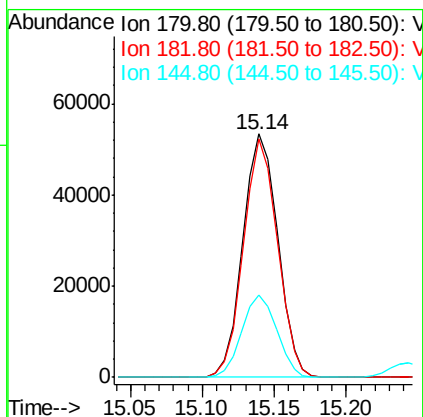
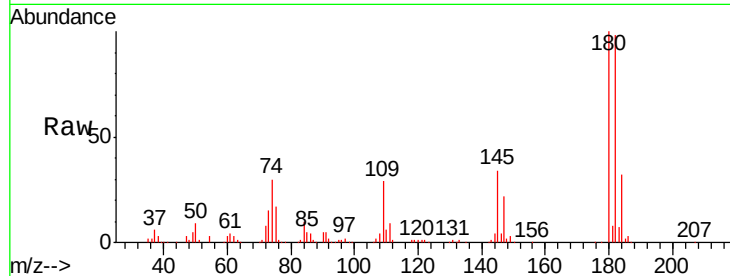




#93
 1,2,4-Trichlorobenzene
 Concen: 55.56 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

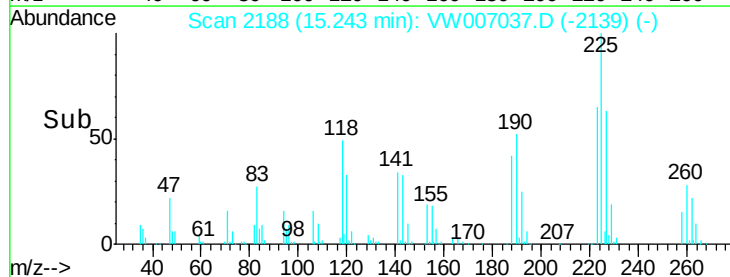
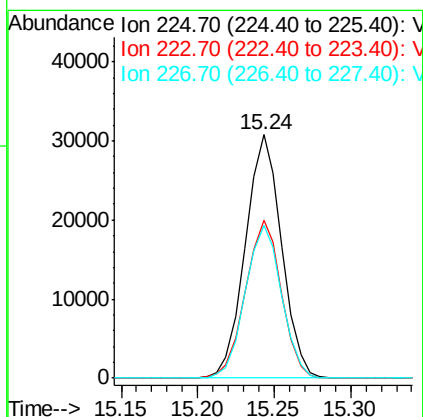
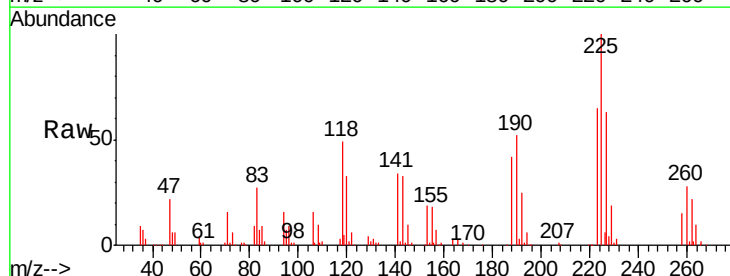
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

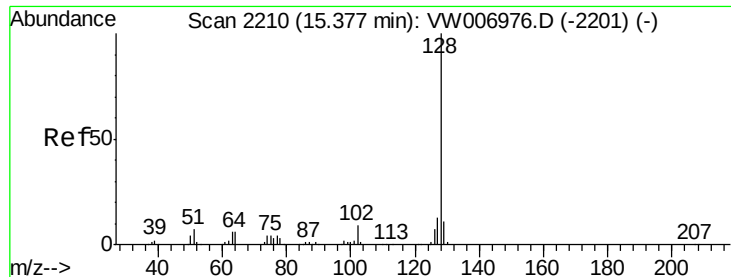
Tgt Ion:180 Resp: 89760
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.3
 145 33.8 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 57.70 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007037.D
 Acq: 26 Nov 2018 10:32

Tgt Ion:225 Resp: 50672
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.4 97.0
 227 63.0 31.9 95.5

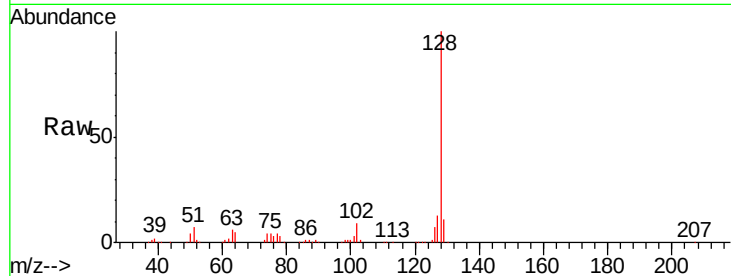




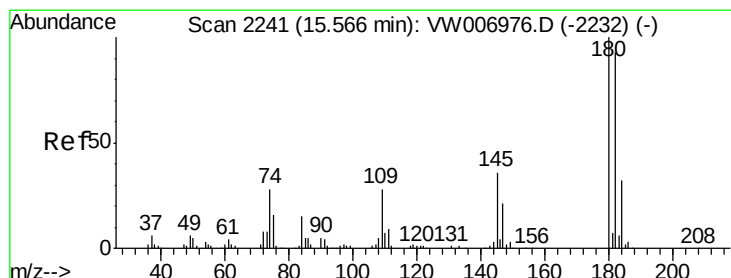
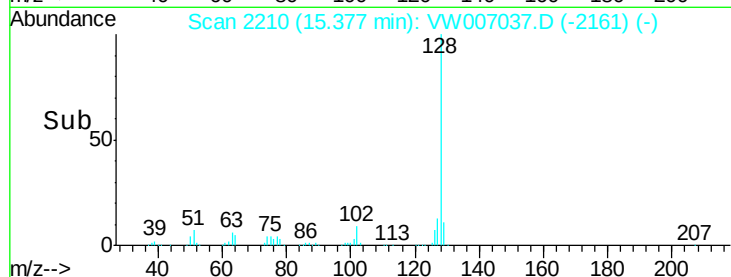
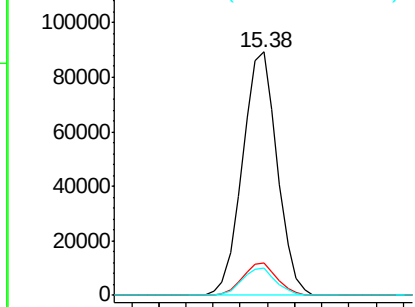
#95
Naphthalene
Concen: 54.33 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 159335
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

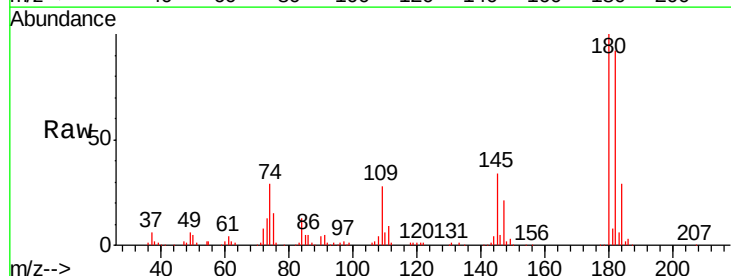


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.17 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007037.D
Acq: 26 Nov 2018 10:32

Tgt Ion:180 Resp: 75277
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.2
145 35.7 18.0 54.0



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

