

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006933.D
 Acq On : 17 Nov 2018 00:35
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Nov 17 01:25:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80463	90.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.04%	
35) Dibromofluoromethane	7.89	113	73294	67.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.14%	
50) Toluene-d8	10.33	98	325741	71.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.00%	
62) 4-Bromofluorobenzene	12.62	95	124732	73.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	66482	70.932	ug/l	100
3) Chloromethane	2.21	50	59946	58.896	ug/l	98
4) Vinyl Chloride	2.36	62	58013	54.253	ug/l	94
5) Bromomethane	2.78	94	28970	41.518	ug/l	94
6) Chloroethane	2.92	64	32135	46.998	ug/l	91
7) Trichlorofluoromethane	3.26	101	111387	74.000	ug/l	99
8) Diethyl Ether	3.69	74	38871	84.331	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	69001	68.045	ug/l	99
10) Methyl Iodide	4.28	142	92373	67.093	ug/l	99
11) Tert butyl alcohol	5.22	59	28392	488.066	ug/l	95
12) 1,1-Dichloroethene	4.04	96	65028	75.120	ug/l	99
13) Acrolein	3.90	56	28275	465.276	ug/l	99
14) Allyl chloride	4.68	41	113746	93.794	ug/l	98
15) Acrylonitrile	5.38	53	81501	463.493	ug/l	99
16) Acetone	4.14	43	60581	472.304	ug/l	98
17) Carbon Disulfide	4.39	76	211673	77.334	ug/l	99
18) Methyl Acetate	4.68	43	42118	95.660	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	186301	86.899	ug/l	99
20) Methylene Chloride	4.92	84	83559	62.449	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	75286	73.663	ug/l	94
22) Diisopropyl ether	6.32	45	229564	91.896	ug/l	98
23) Vinyl Acetate	6.26	43	647557	460.330	ug/l	99
24) 1,1-Dichloroethane	6.22	63	133003	82.651	ug/l	100
25) 2-Butanone	7.18	43	98552	457.469	ug/l	98
26) 2,2-Dichloropropane	7.17	77	111695	71.113	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	85677	78.043	ug/l	98
28) Bromochloromethane	7.52	49	46762	82.530	ug/l	100
29) Tetrahydrofuran	7.54	42	64200	465.516	ug/l	99
30) Chloroform	7.68	83	137651	78.915	ug/l	98
31) Cyclohexane	7.96	56	125509	77.064	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	122621	74.047	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110845	65.289	ug/l	99
37) Ethyl Acetate	7.26	43	45689	78.786	ug/l	99
38) Carbon Tetrachloride	8.07	117	108569	59.849	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	138173	63.474	ug/l	98
40) Benzene	8.33	78	315954	66.615	ug/l	99
41) Methacrylonitrile	7.49	41	26067	72.858	ug/l	90
42) 1,2-Dichloroethane	8.40	62	91275	70.731	ug/l	98
43) Isopropyl Acetate	8.43	43	90341	79.980	ug/l	100
44) Trichloroethene	9.10	130	84992	58.166	ug/l	95
45) 1,2-Dichloropropane	9.37	63	78621	70.304	ug/l	97
46) Dibromomethane	9.46	93	39323	64.123	ug/l	99
47) Bromodichloromethane	9.65	83	102540	66.876	ug/l	97
48) Methyl methacrylate	9.44	41	44244	80.519	ug/l	97
49) 1,4-Dioxane	9.47	88	13475	1448.230	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	223068	395.255	ug/l	100
52) Toluene	10.39	92	217012	65.209	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	107532	71.211	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	125498	70.034	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	58324	64.071	ug/l	97
56) Ethyl methacrylate	10.65	69	76827	75.580	ug/l	99
57) 1,3-Dichloropropane	10.93	76	99729	68.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	192469	384.353	ug/l	99
59) 2-Hexanone	10.98	43	155331	401.264	ug/l	99
60) Dibromochloromethane	11.13	129	69148	62.797	ug/l	97
61) 1,2-Dibromoethane	11.24	107	54659	63.521	ug/l	98
64) Tetrachloroethene	10.87	164	72185	54.605	ug/l	97
65) Chlorobenzene	11.66	112	235069	62.444	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	75243	61.768	ug/l	99
67) Ethyl Benzene	11.74	91	431830	66.822	ug/l	98
68) m/p-Xylenes	11.85	106	332905	127.072	ug/l	99
69) o-Xylene	12.17	106	159247	65.147	ug/l	100
70) Styrene	12.18	104	259198	66.102	ug/l	99
71) Bromoform	12.35	173	36105	55.637	ug/l #	100
73) Isopropylbenzene	12.47	105	429514	73.774	ug/l	100
74) N-amyl acetate	12.28	43	88685	94.994	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	62383	76.781	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	85766	138.309	ug/l #	100
77) Bromobenzene	12.75	156	91516	63.903	ug/l	99
78) n-propylbenzene	12.81	91	516041	74.882	ug/l	100
79) 2-Chlorotoluene	12.90	91	299046	76.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	372380	74.448	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	19243	77.601	ug/l	98
82) 4-Chlorotoluene	12.99	91	318648	76.739	ug/l	99
83) tert-Butylbenzene	13.21	119	313531	71.467	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	375421	73.856	ug/l	100
85) sec-Butylbenzene	13.39	105	449148	72.120	ug/l	100
86) p-Isopropyltoluene	13.51	119	393620	70.000	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	184363	63.400	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	184549	64.070	ug/l	100
89) n-Butylbenzene	13.83	91	377431	72.817	ug/l	99
90) Hexachloroethane	14.10	117	64372	71.165	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	163863	64.431	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11104	83.085	ug/l	98

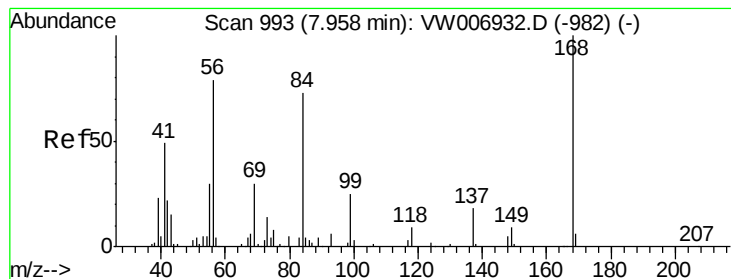
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	105089	56.208	ug/l	99
94) Hexachlorobutadiene	15.24	225	54547	47.273	ug/l	99
95) Naphthalene	15.38	128	206783	70.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89101	55.502	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

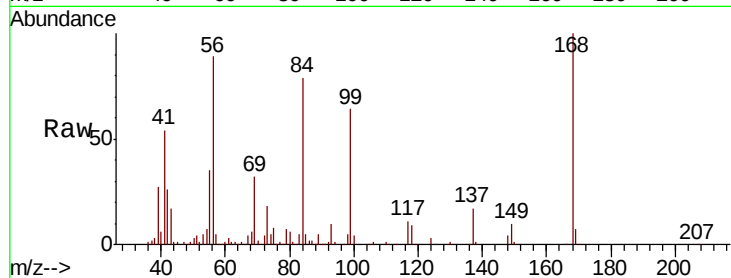
VSTDIC075

Tgt Ion:168 Resp: 110323

Ion Ratio Lower Upper

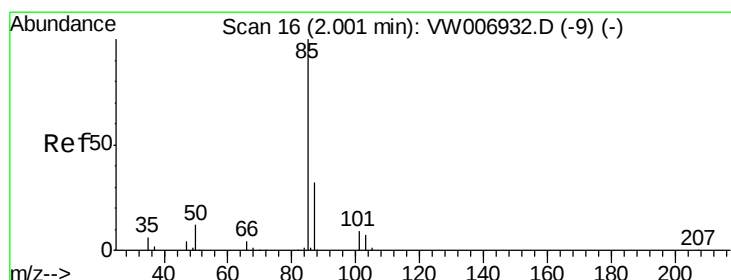
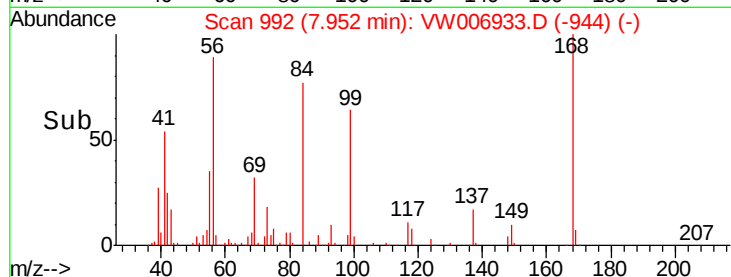
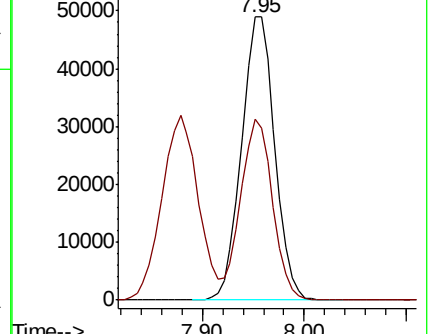
168 100

99 64.0 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 70.932 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006933.D

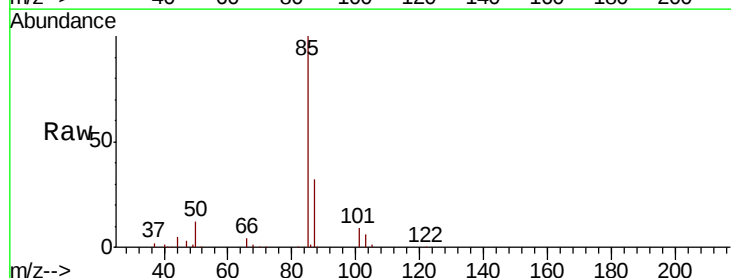
Acq: 17 Nov 2018 00:35

Tgt Ion: 85 Resp: 66482

Ion Ratio Lower Upper

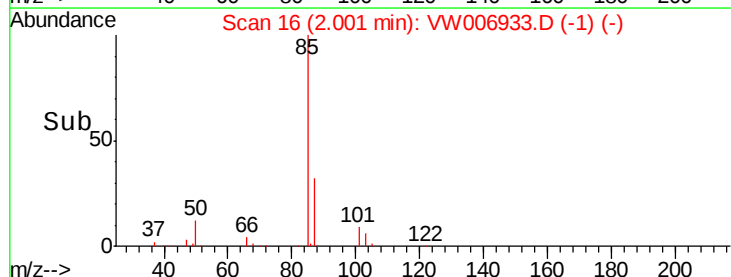
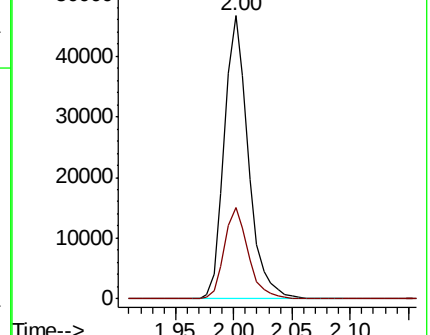
85 100

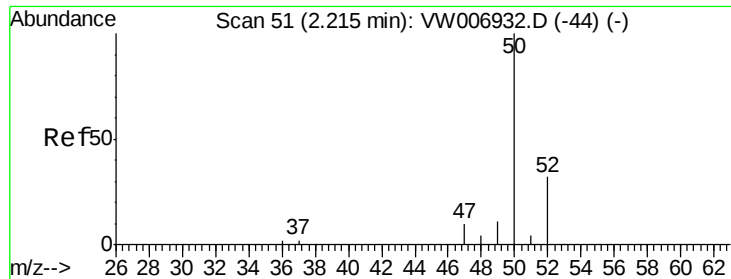
87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 58.896 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

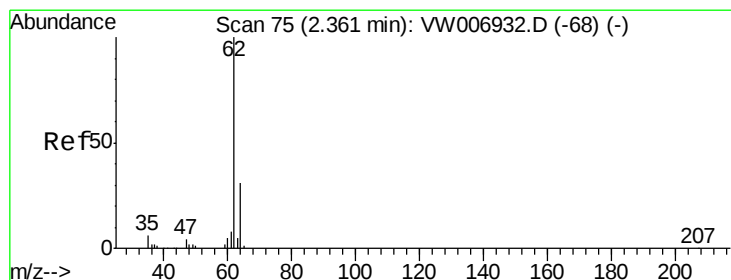
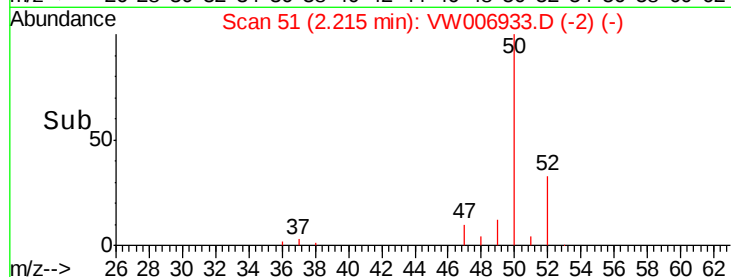
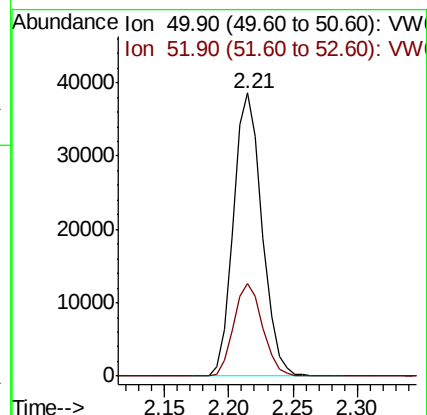
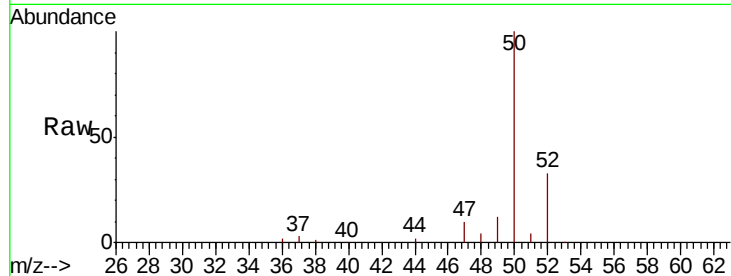
VSTDIC075

Tgt Ion: 50 Resp: 59946

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 54.253 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006933.D

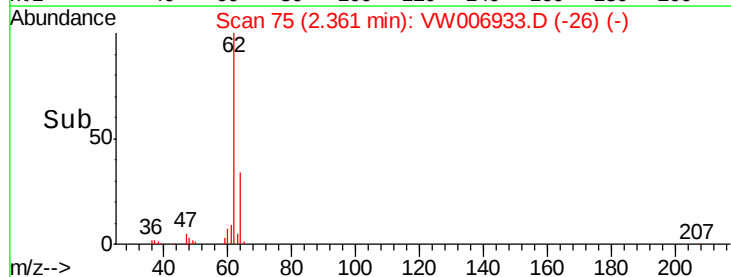
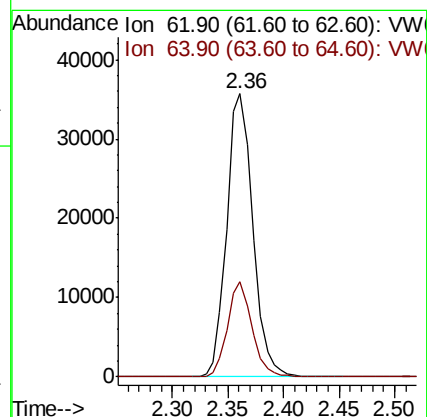
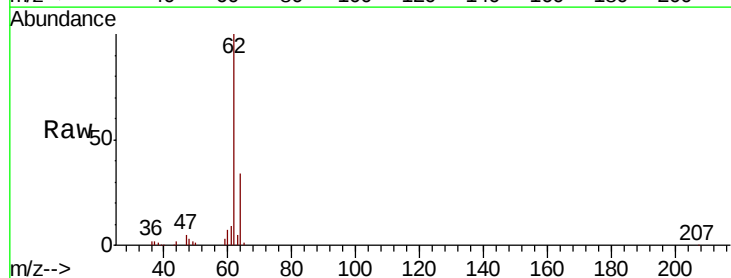
Acq: 17 Nov 2018 00:35

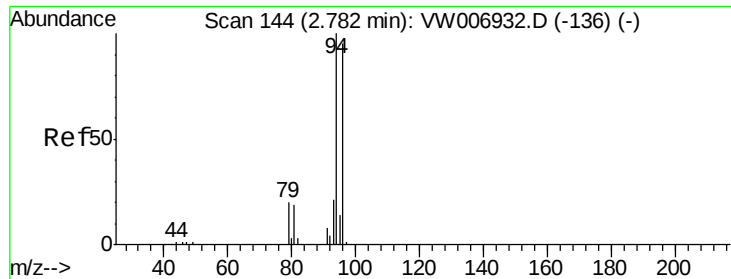
Tgt Ion: 62 Resp: 58013

Ion Ratio Lower Upper

62 100

64 33.8 24.6 37.0





#5

Bromomethane

Concen: 41.518 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

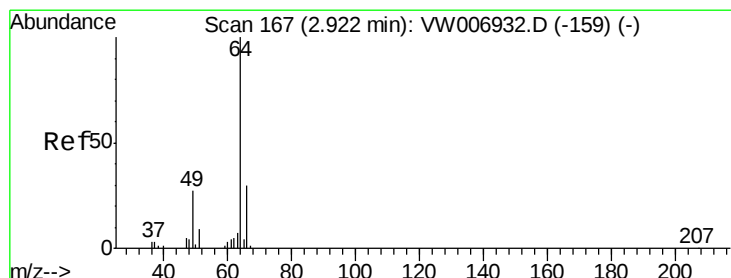
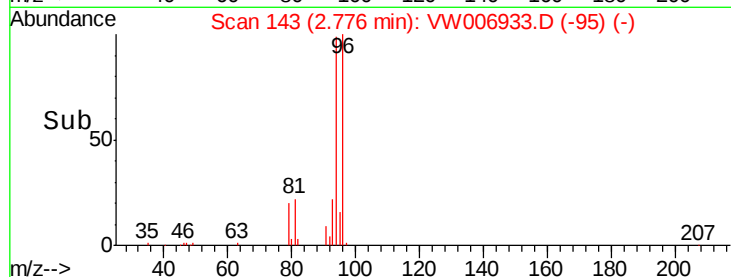
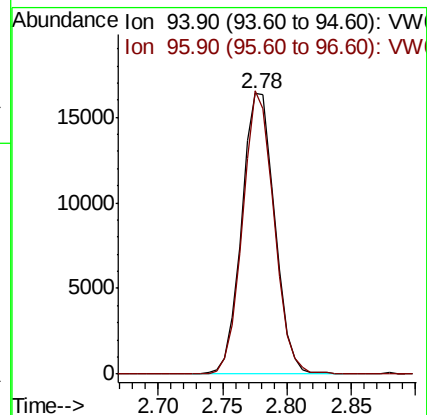
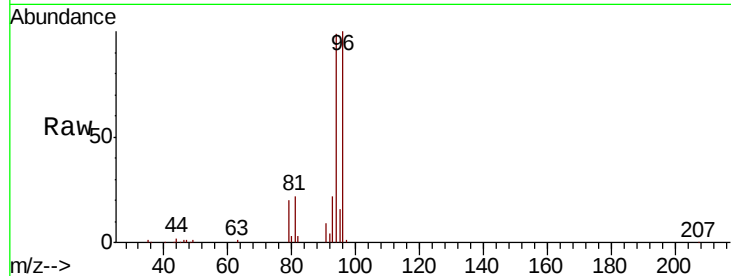
VSTDIC075

Tgt Ion: 94 Resp: 28970

Ion Ratio Lower Upper

94 100

96 101.0 76.2 114.4



#6

Chloroethane

Concen: 46.998 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006933.D

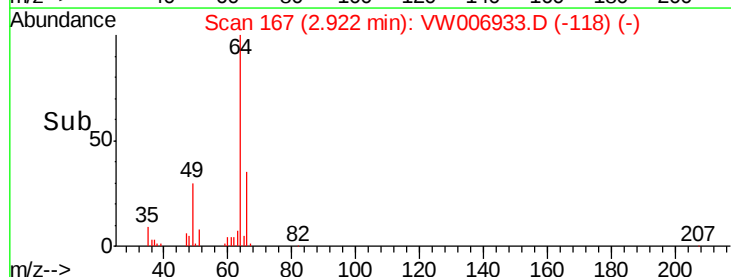
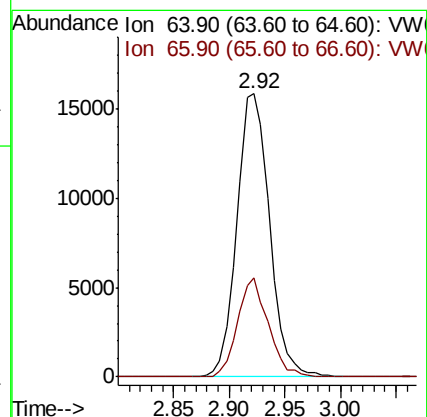
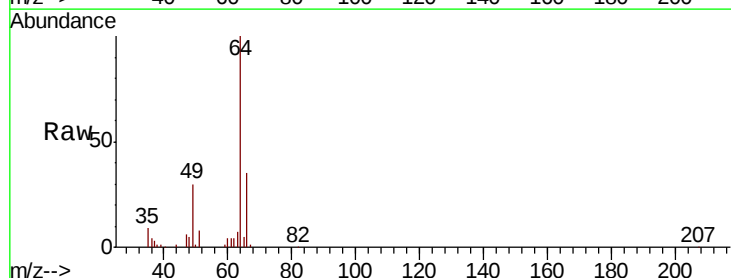
Acq: 17 Nov 2018 00:35

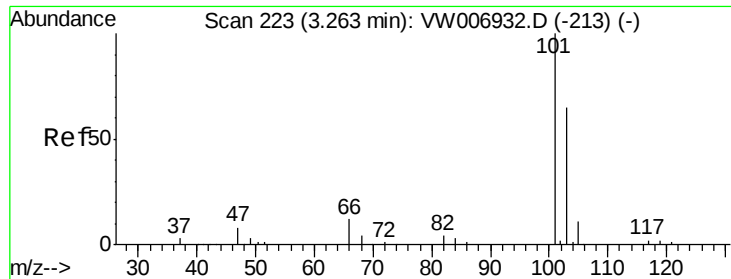
Tgt Ion: 64 Resp: 32135

Ion Ratio Lower Upper

64 100

66 35.0 24.0 36.0



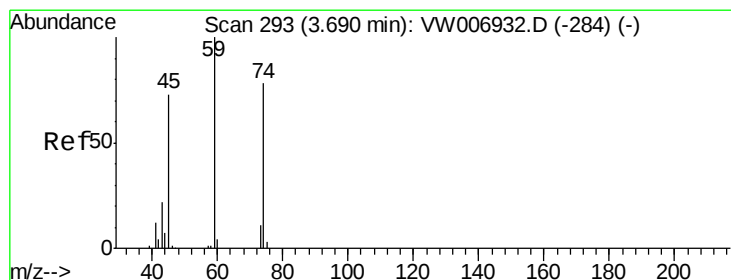
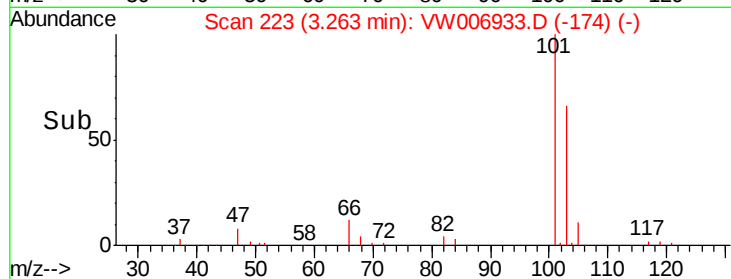
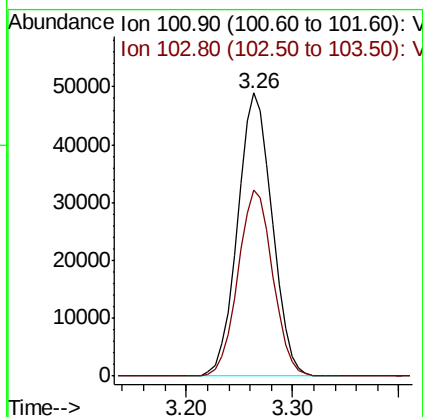
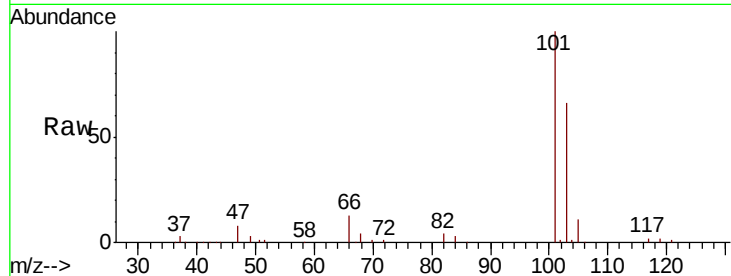


#7

Trichlorofluoromethane
 Concen: 74.000 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Instrument :
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 VSTDIC075

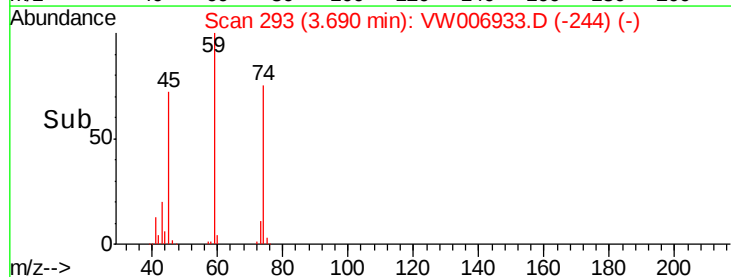
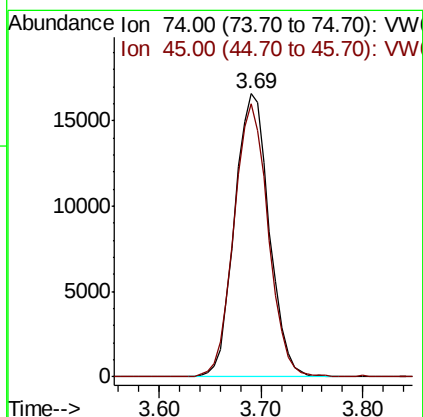
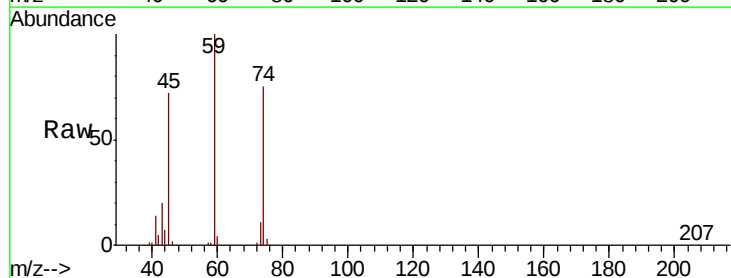
Tgt Ion:101 Resp: 111387
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.2

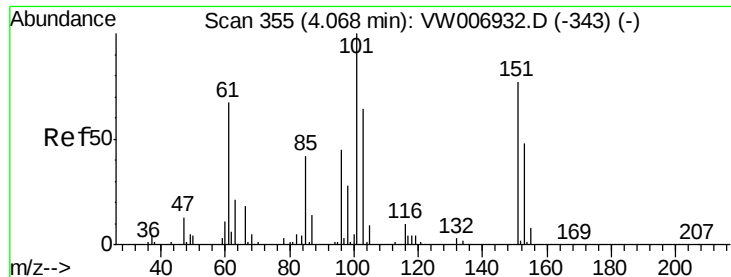


#8

Diethyl Ether
 Concen: 84.331 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 74 Resp: 38871
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.045 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

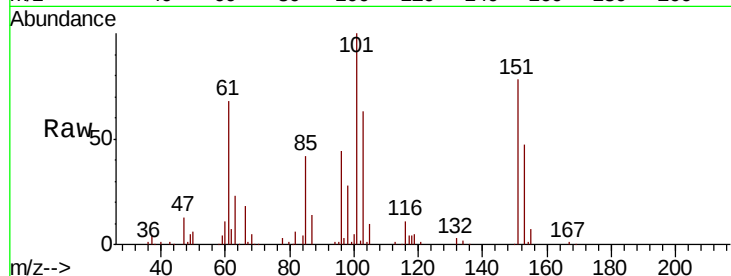
Tgt Ion:101 Resp: 69001

Ion Ratio Lower Upper

101 100

85 43.6 34.5 51.7

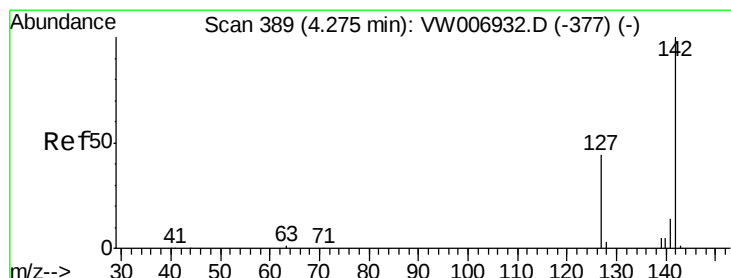
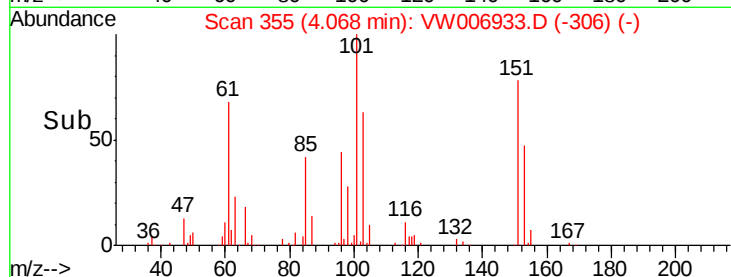
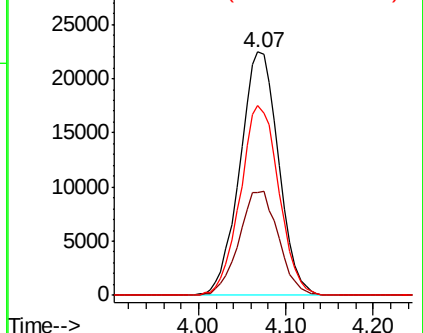
151 78.2 61.5 92.3



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: 67.093 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

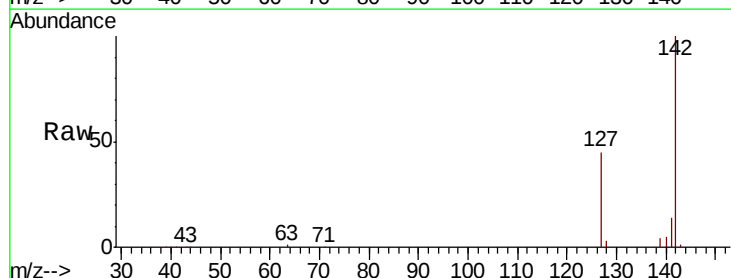
Tgt Ion:142 Resp: 92373

Ion Ratio Lower Upper

142 100

127 43.4 34.4 51.6

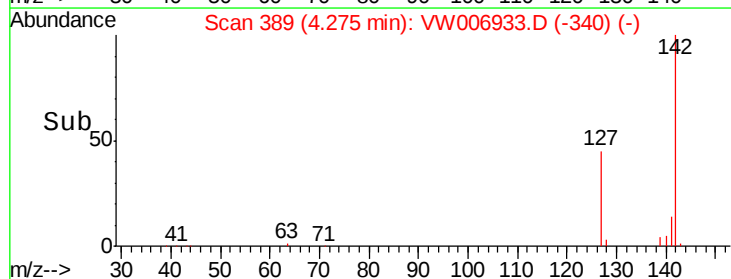
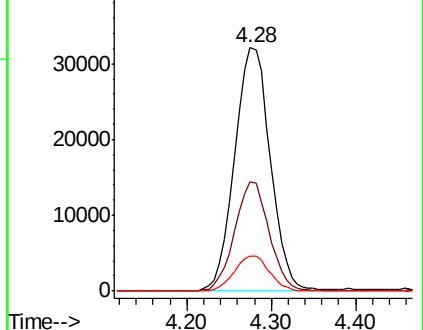
141 14.3 11.5 17.3

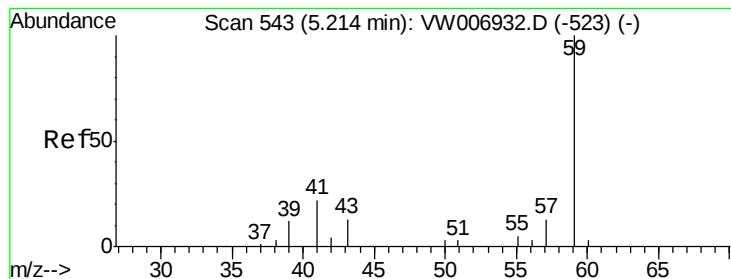


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



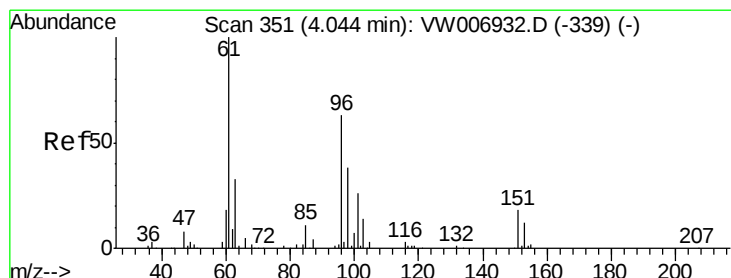
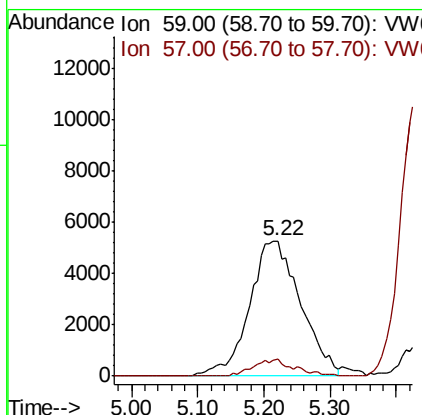
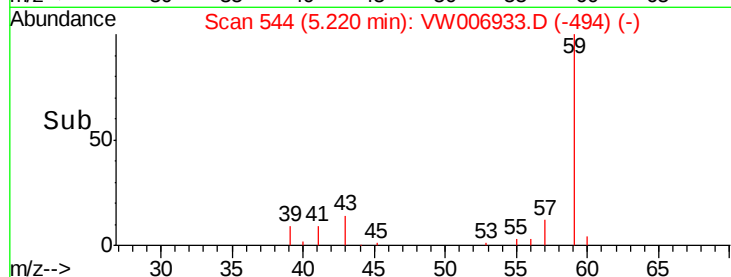
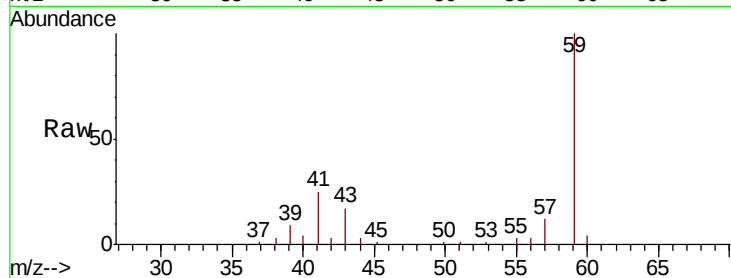


#11

Tert butyl alcohol
 Concen: 488.066 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

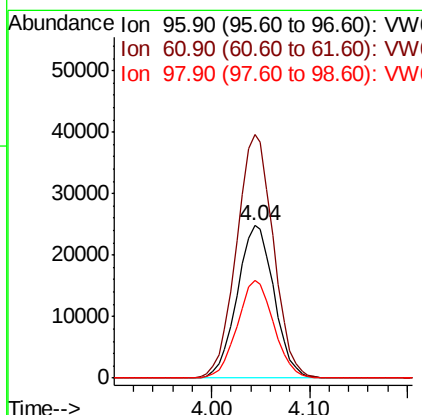
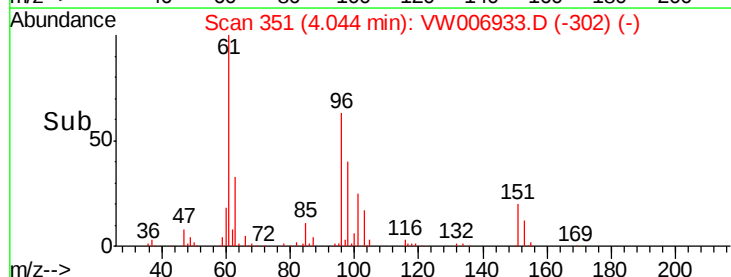
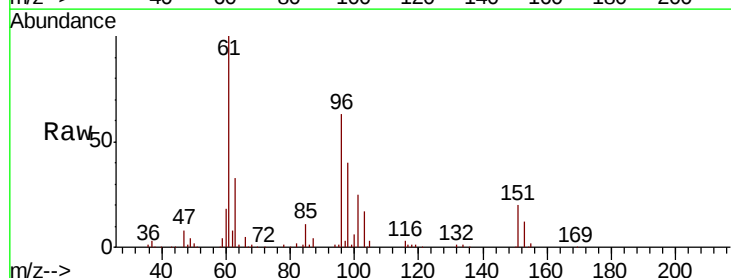
Tgt Ion: 59 Resp: 28392
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.8 13.2

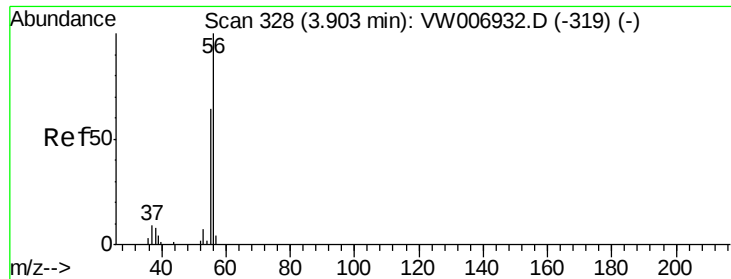


#12

1,1-Dichloroethene
 Concen: 75.120 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 96 Resp: 65028
 Ion Ratio Lower Upper
 96 100
 61 159.9 127.8 191.8
 98 64.4 48.3 72.5





#13

Acrolein

Concen: 465.276 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

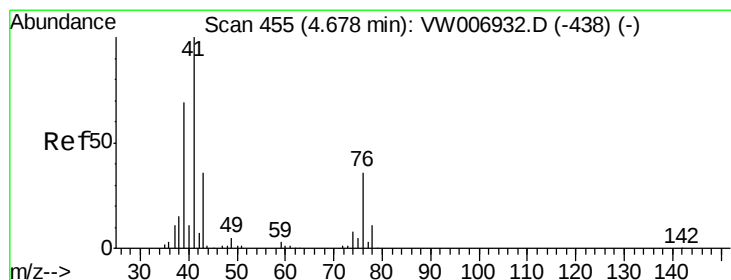
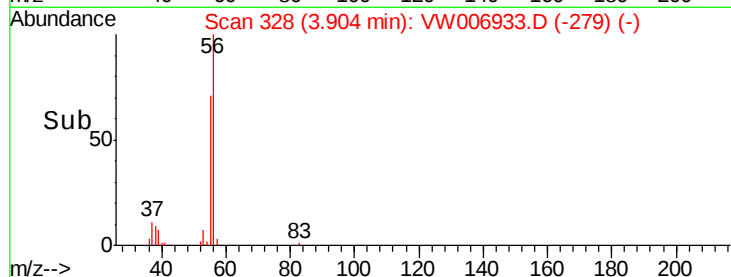
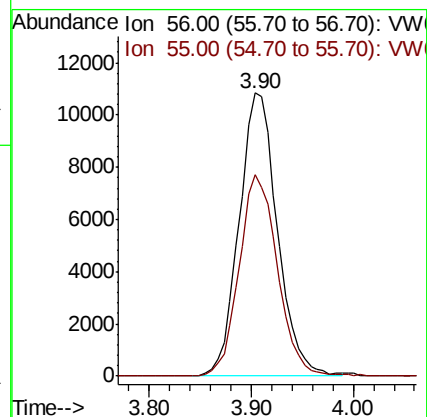
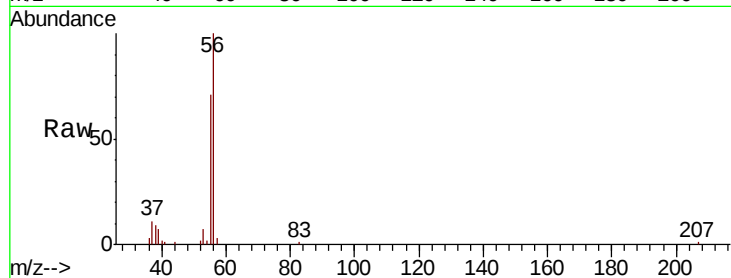
VSTDIC075

Tgt Ion: 56 Resp: 28275

Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



#14

Allyl chloride

Concen: 93.794 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

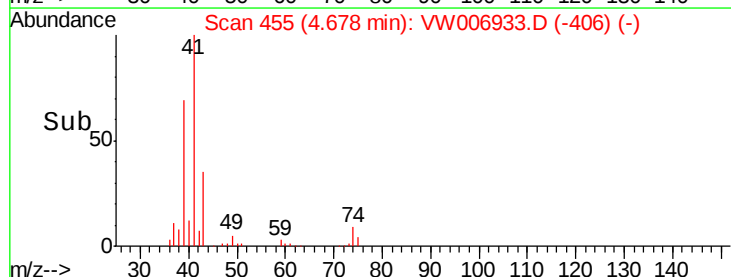
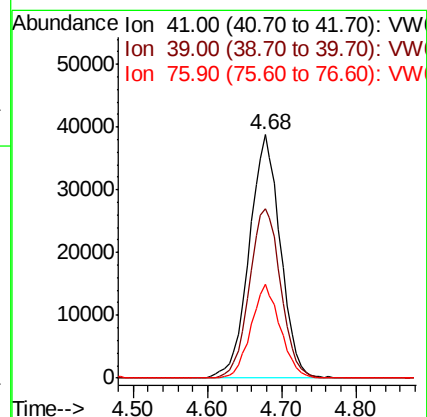
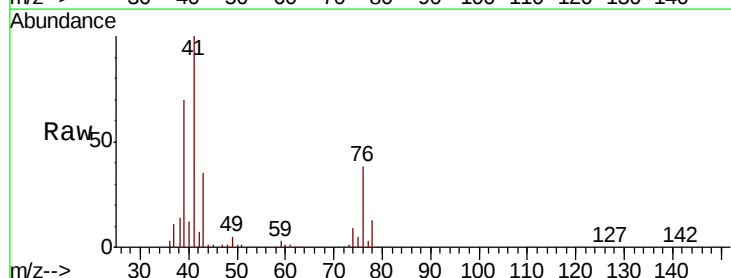
Tgt Ion: 41 Resp: 113746

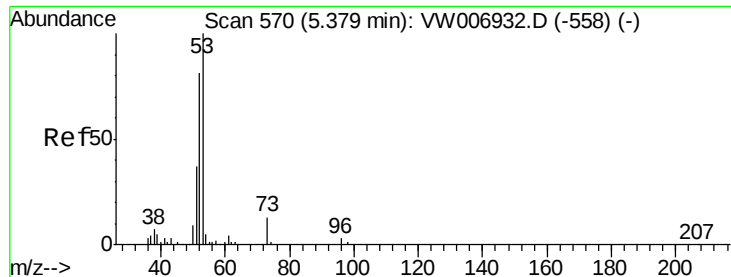
Ion Ratio Lower Upper

41 100

39 70.7 55.0 82.4

76 36.2 28.0 42.0





#15

Acrylonitrile

Concen: 463.493 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

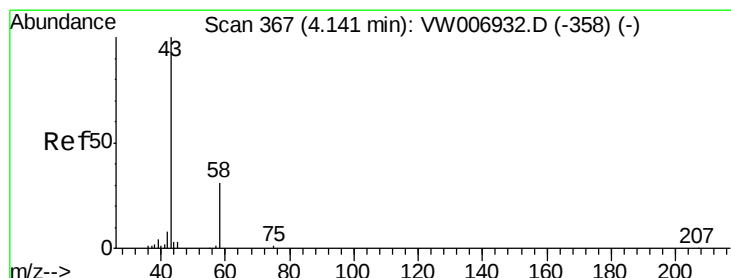
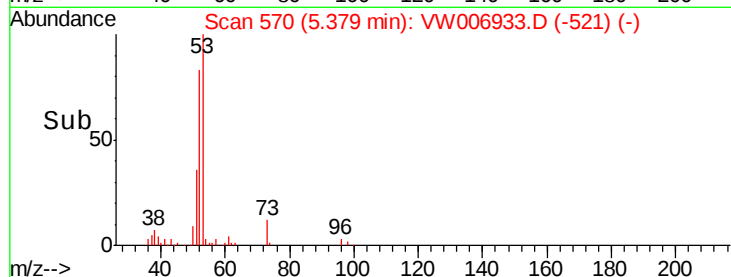
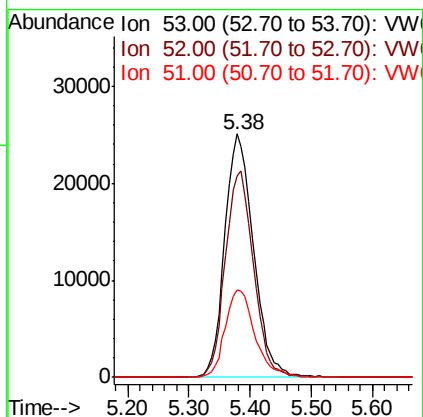
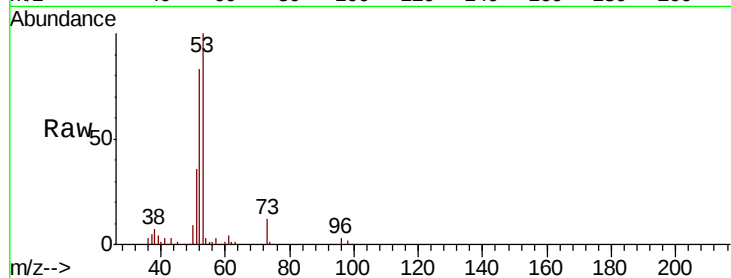
Tgt Ion: 53 Resp: 81501

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.6

51 36.9 29.8 44.6



#16

Acetone

Concen: 472.304 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006933.D

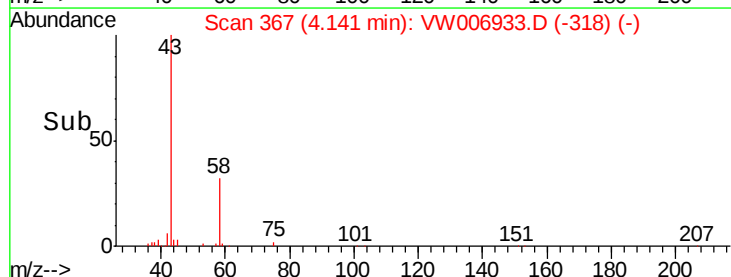
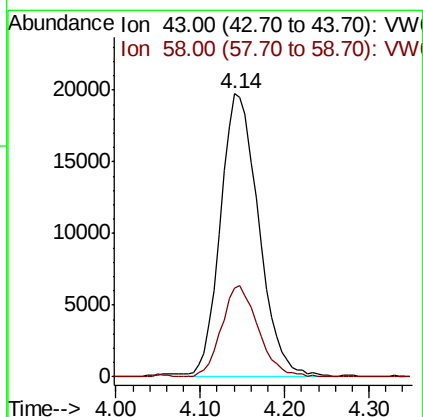
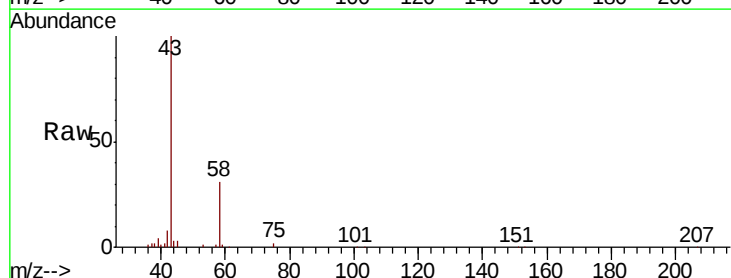
Acq: 17 Nov 2018 00:35

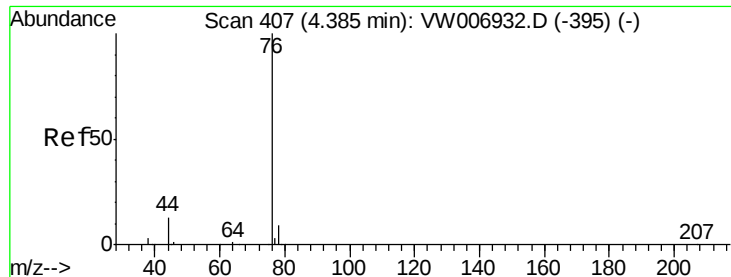
Tgt Ion: 43 Resp: 60581

Ion Ratio Lower Upper

43 100

58 31.5 24.2 36.4

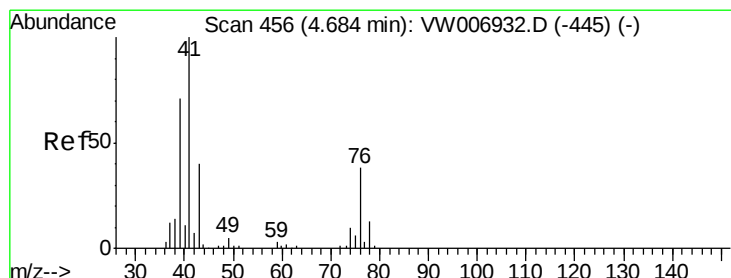
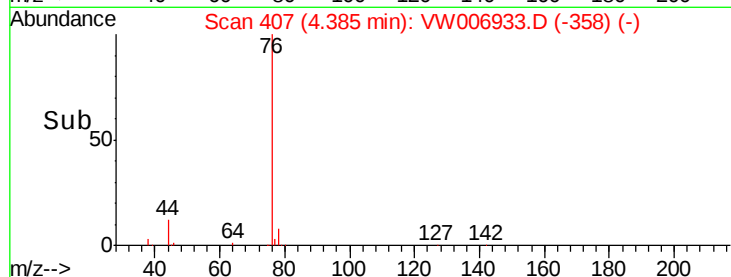
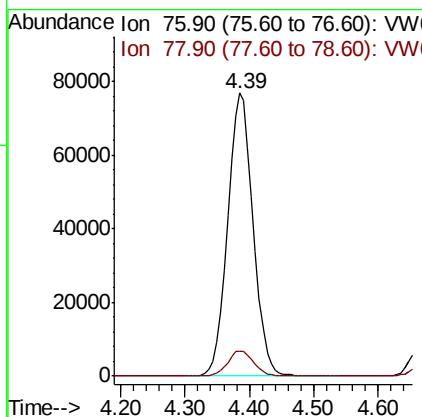
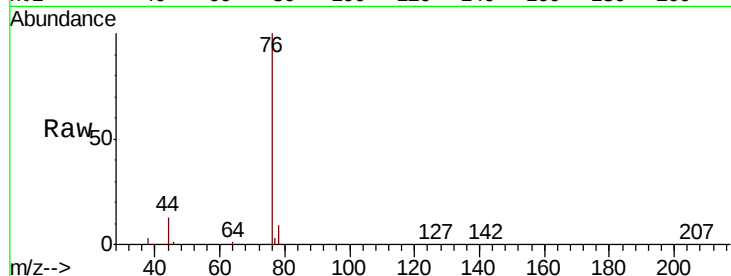




#17
Carbon Disulfide
Concen: 77.334 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

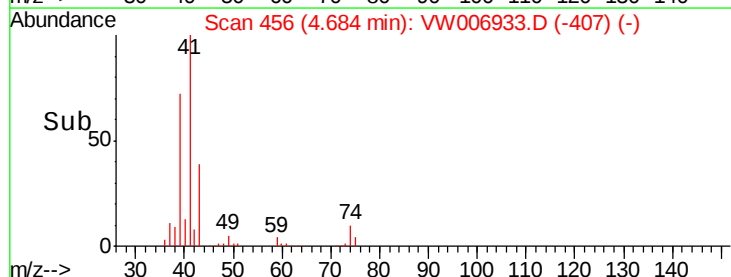
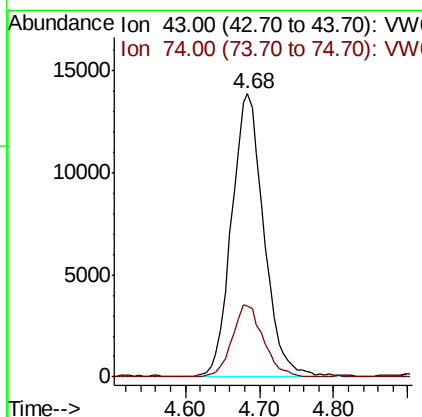
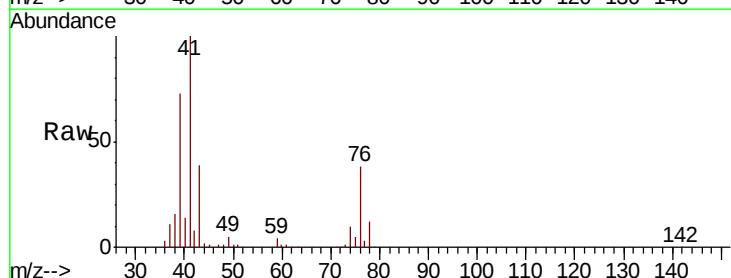
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

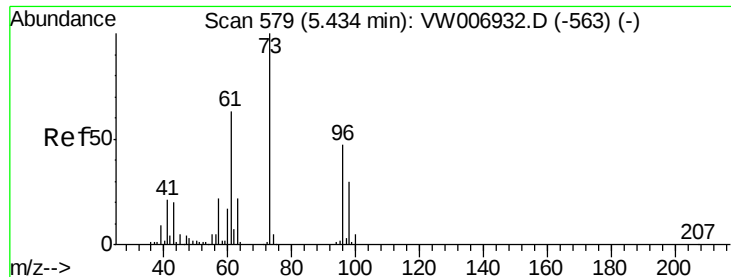
Tgt Ion: 76 Resp: 211673
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 95.660 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion: 43 Resp: 42118
Ion Ratio Lower Upper
43 100
74 24.6 20.3 30.5



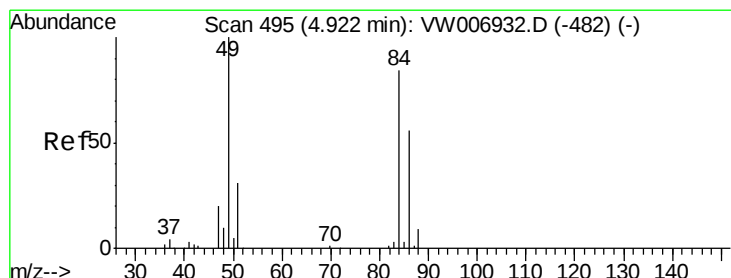
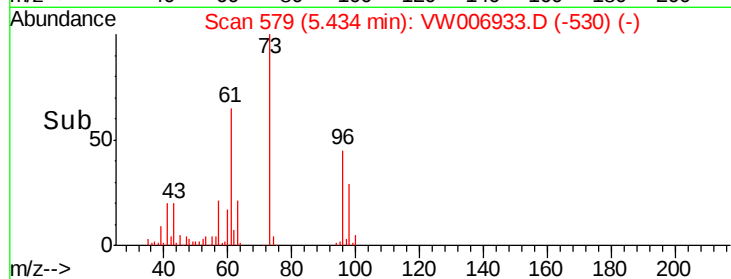
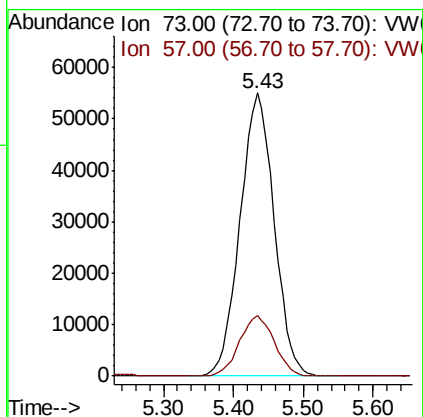
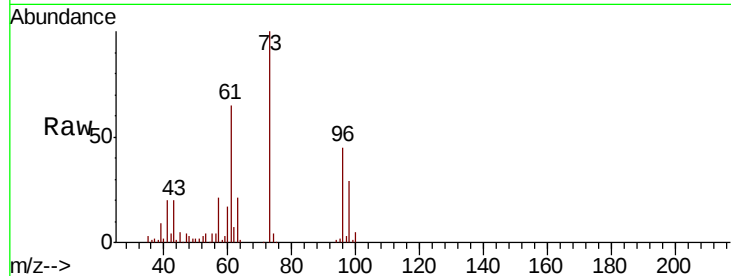


#19

Methyl tert-butyl Ether
 Concen: 86.899 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

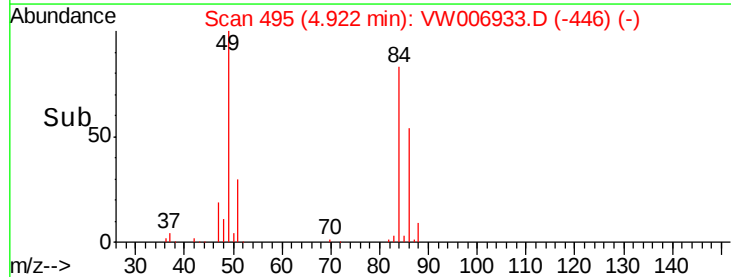
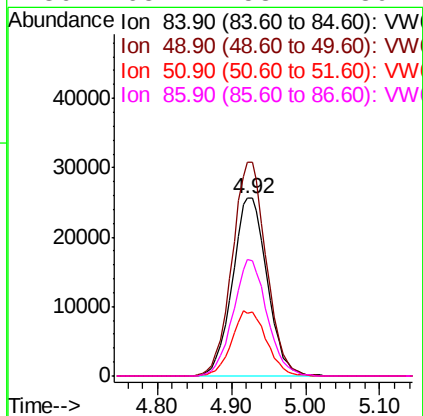
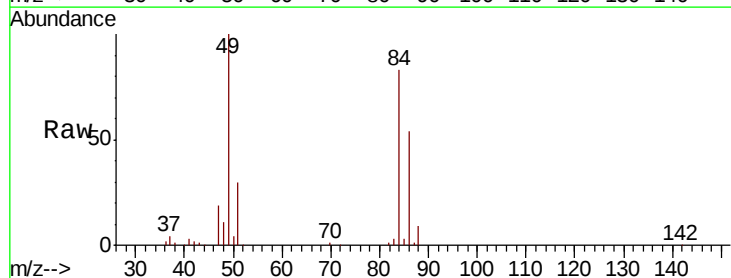
Tgt Ion: 73 Resp: 186301
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.5 26.3

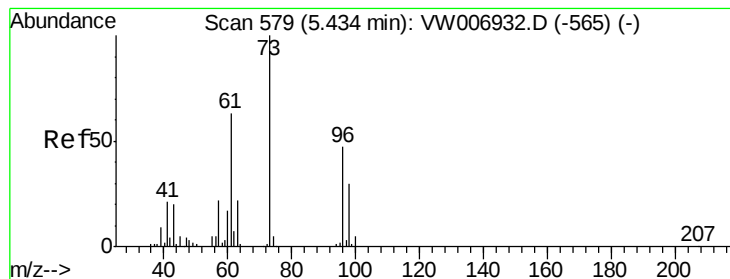


#20

Methylene Chloride
 Concen: 62.449 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 84 Resp: 83559
 Ion Ratio Lower Upper
 84 100
 49 120.0 95.4 143.2
 51 35.5 29.5 44.3
 86 65.4 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 73.663 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

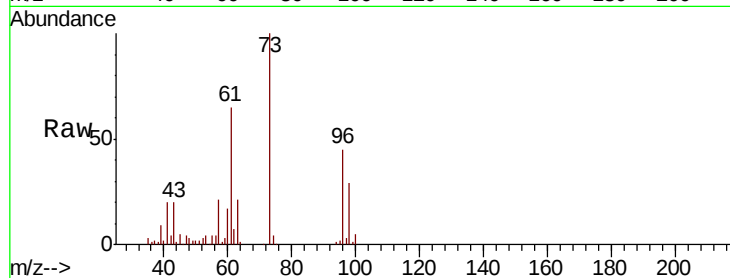
Tgt Ion: 96 Resp: 75286

Ion Ratio Lower Upper

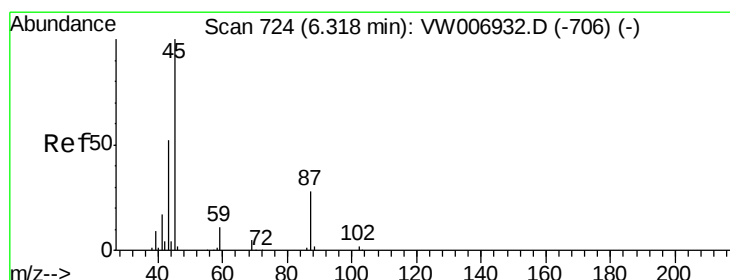
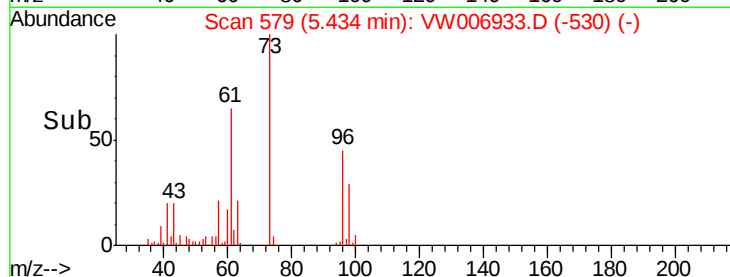
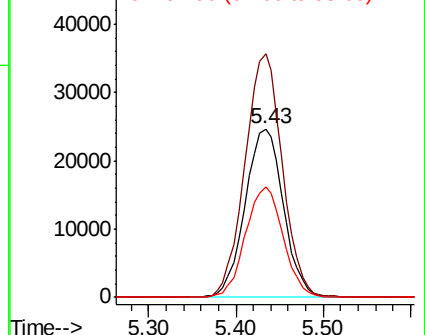
96 100

61 144.4 108.2 162.4

98 65.5 50.6 76.0



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



#22

Diisopropyl ether

Concen: 91.896 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Tgt Ion: 45 Resp: 229564

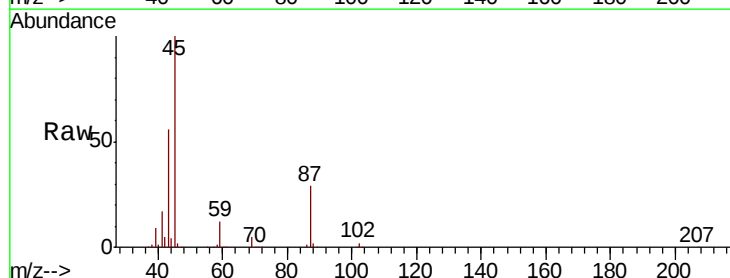
Ion Ratio Lower Upper

45 100

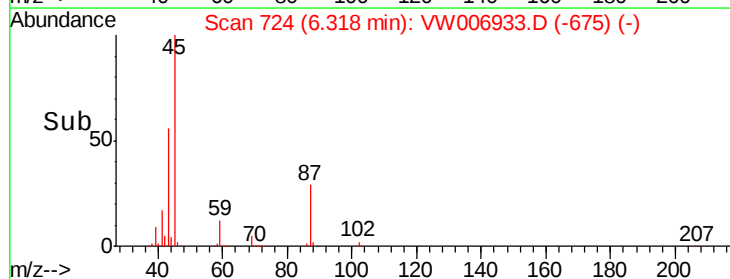
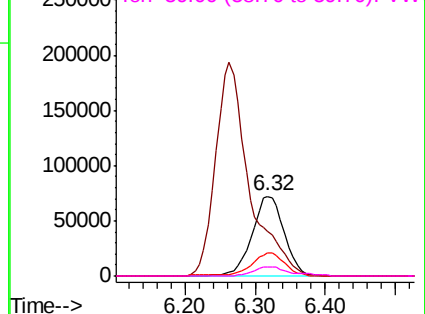
43 55.3 43.1 64.7

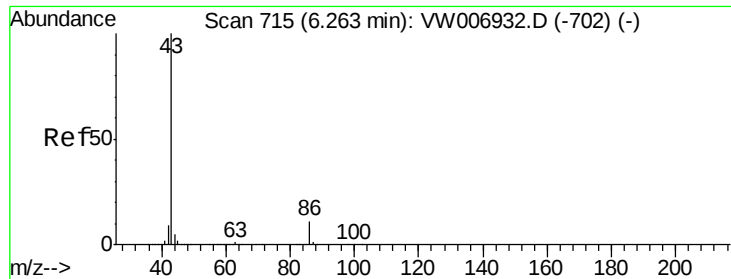
87 29.4 22.7 34.1

59 11.7 9.0 13.4



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





#23

Vinyl Acetate

Concen: 460.330 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

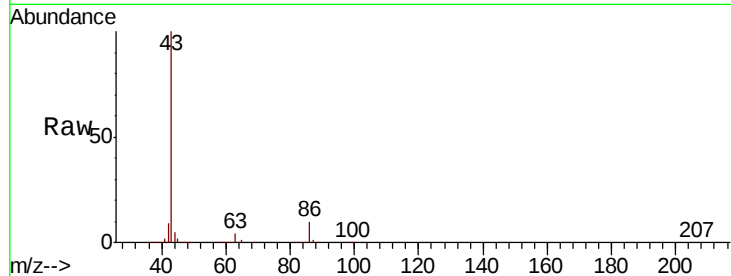
VSTDIC075

Tgt Ion: 43 Resp: 647557

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

150000

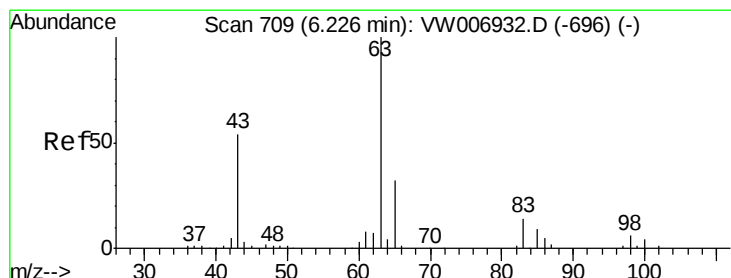
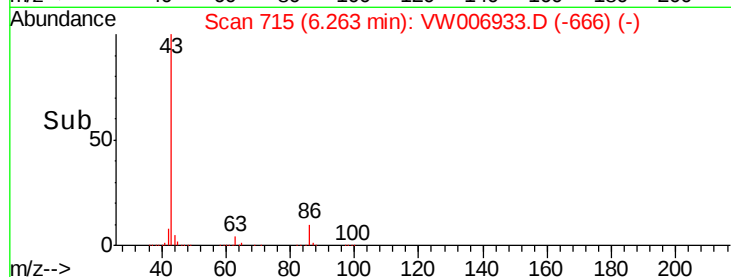
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 82.651 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

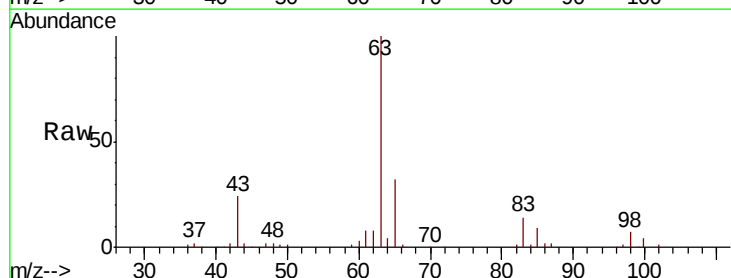
Tgt Ion: 63 Resp: 133003

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

60000

50000

40000

30000

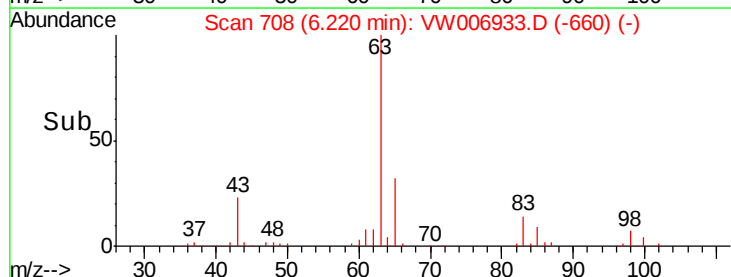
20000

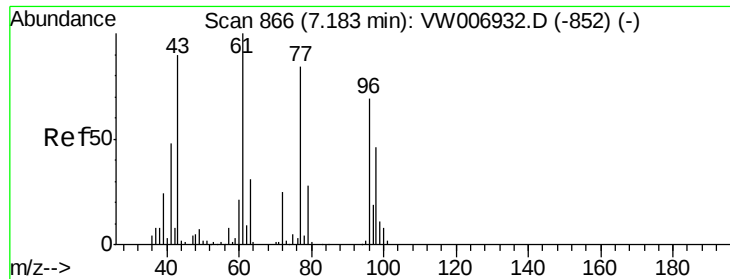
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 457.469 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

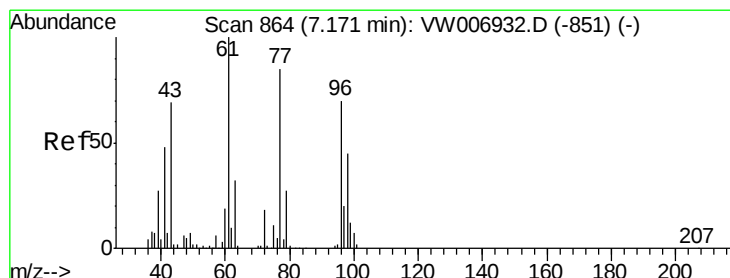
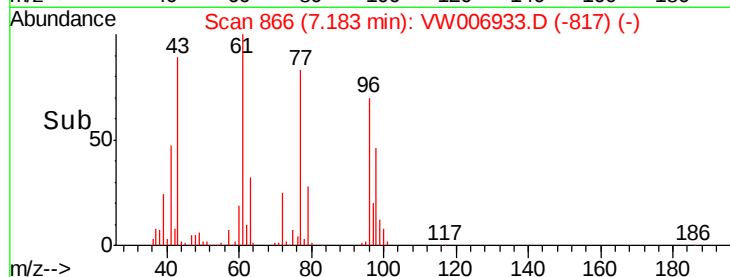
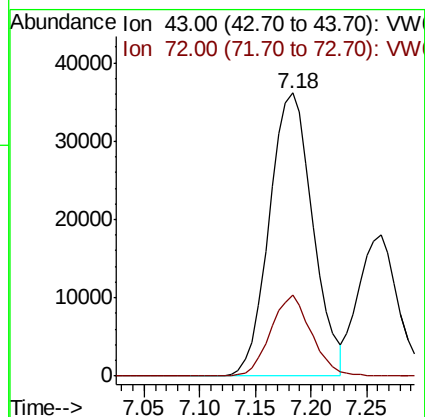
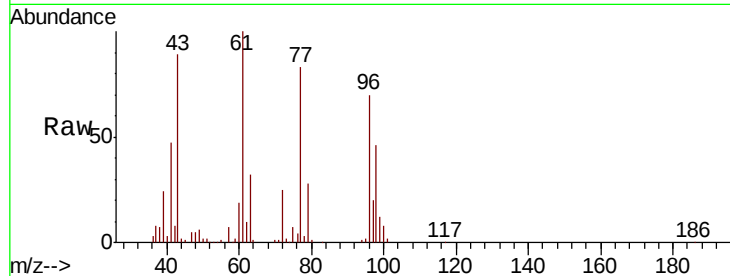
VSTDIC075

Tgt Ion: 43 Resp: 98552

Ion Ratio Lower Upper

43 100

72 28.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 71.113 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006933.D

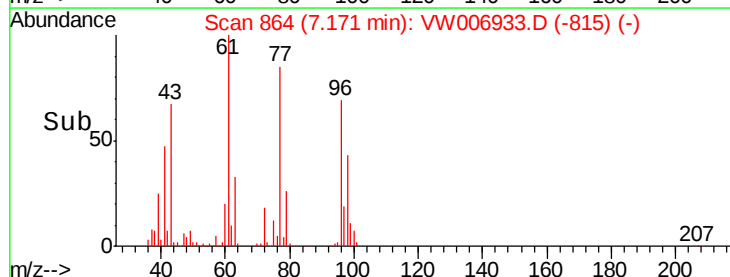
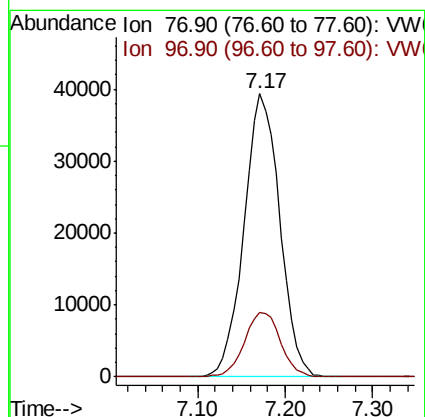
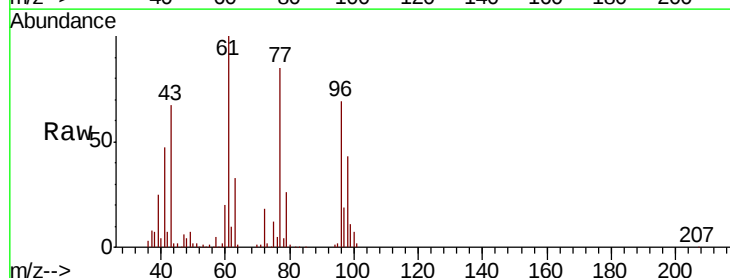
Acq: 17 Nov 2018 00:35

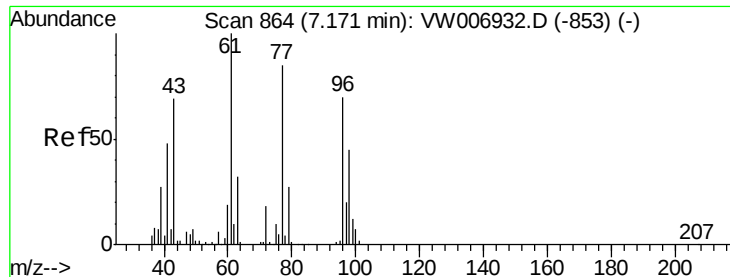
Tgt Ion: 77 Resp: 111695

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9



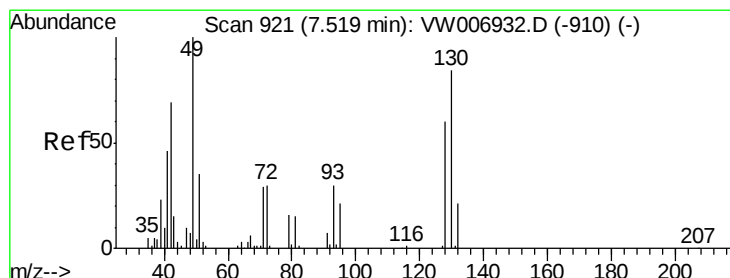
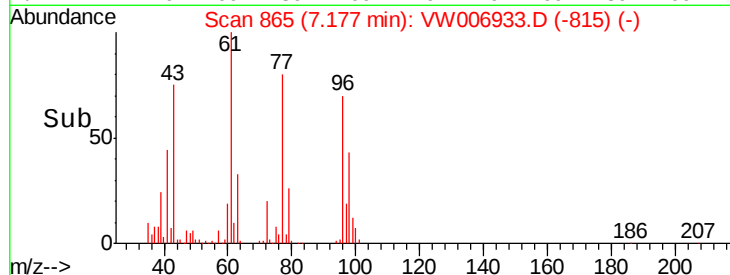
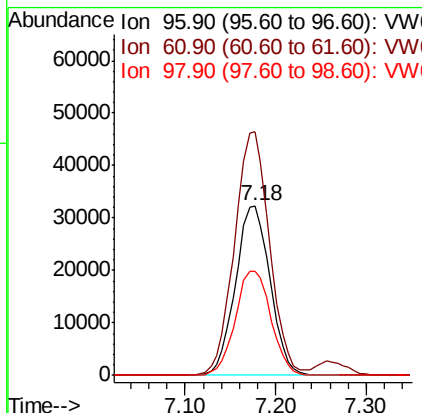
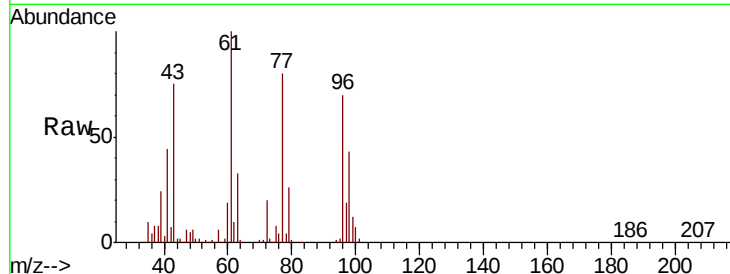


#27

cis-1,2-Dichloroethene
 Concen: 78.043 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

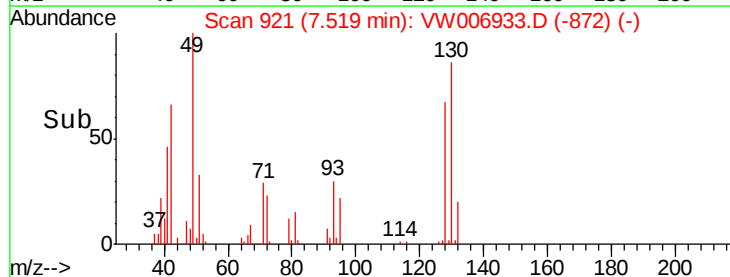
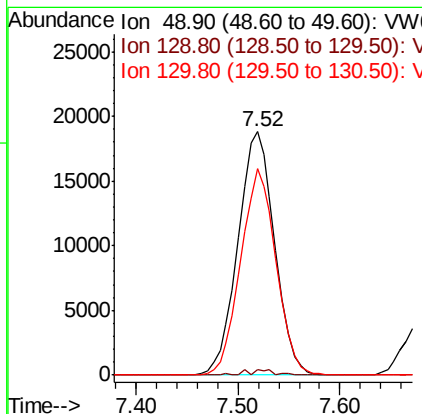
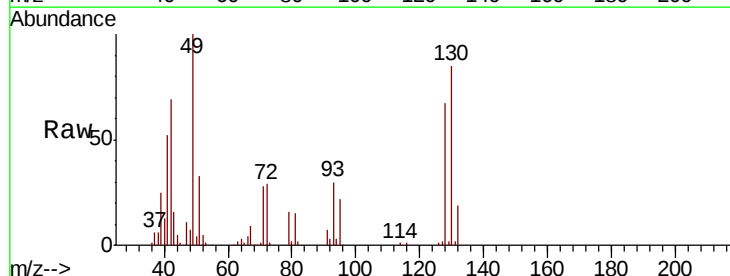
Tgt Ion: 96 Resp: 85677
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 293.8
 98 63.3 0.0 131.0

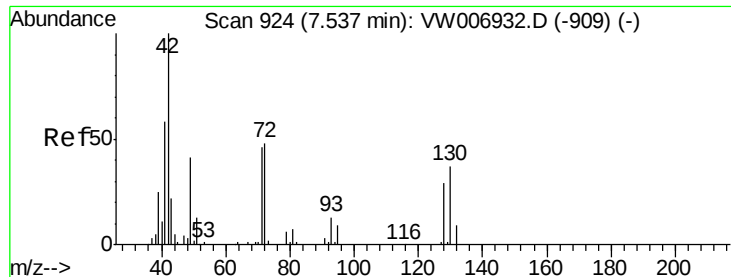


#28

Bromochloromethane
 Concen: 82.530 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 49 Resp: 46762
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.6
 130 82.2 66.1 99.1

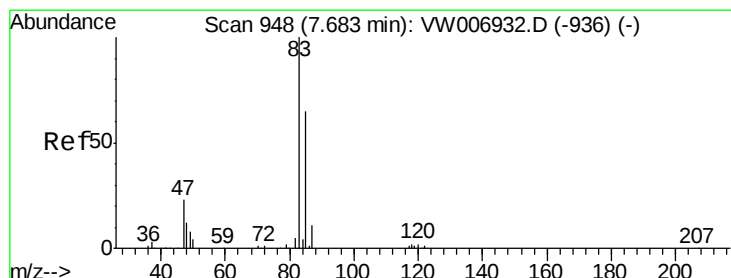
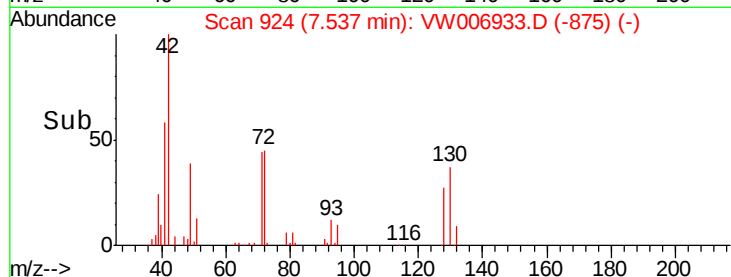
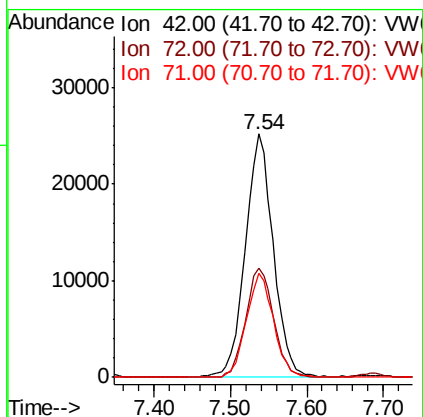
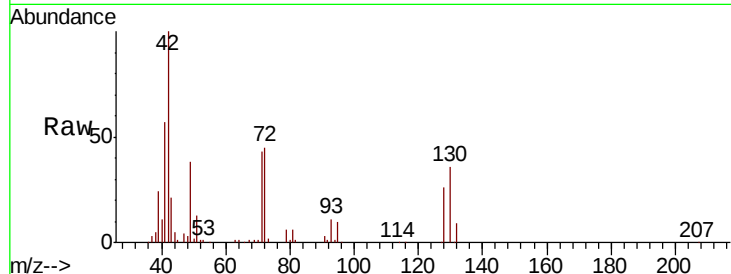




#29
Tetrahydrofuran
Concen: 465.516 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

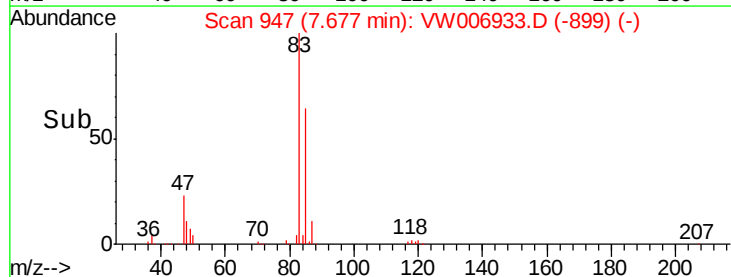
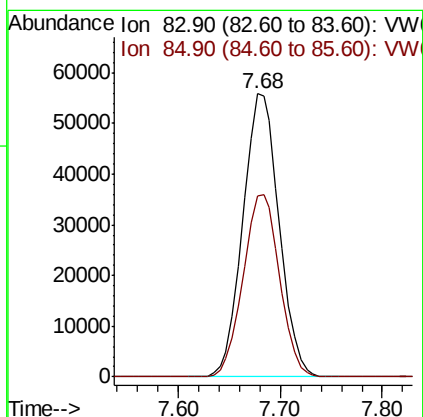
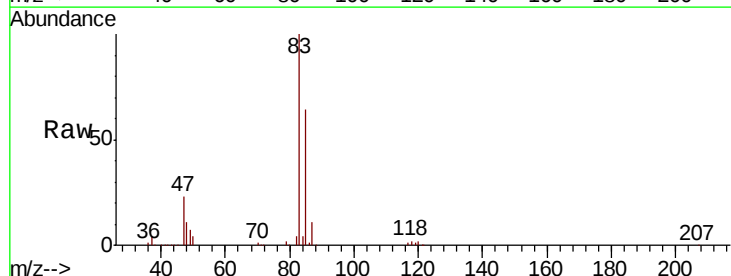
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

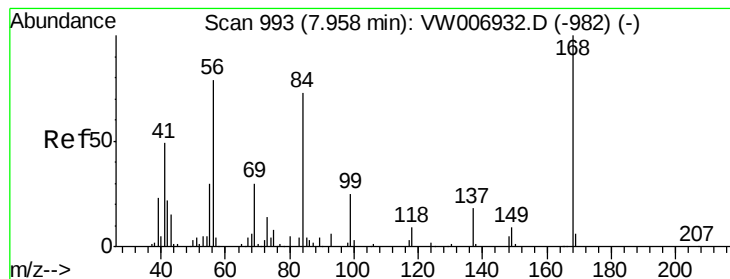
Tgt Ion: 42 Resp: 64200
Ion Ratio Lower Upper
42 100
72 44.7 35.7 53.5
71 41.5 33.7 50.5



#30
Chloroform
Concen: 78.915 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion: 83 Resp: 137651
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4





#31

Cyclohexane

Concen: 77.064 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

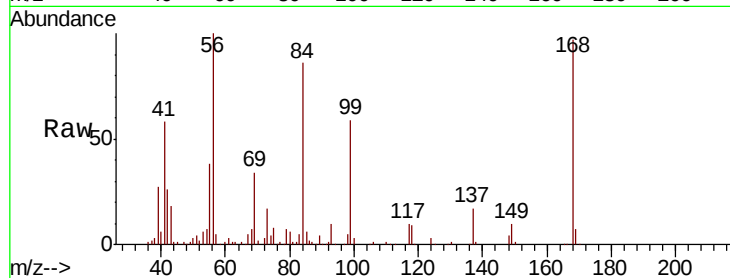
Tgt Ion: 56 Resp: 125509

Ion Ratio Lower Upper

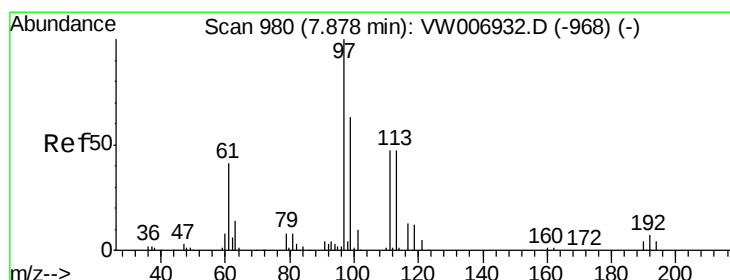
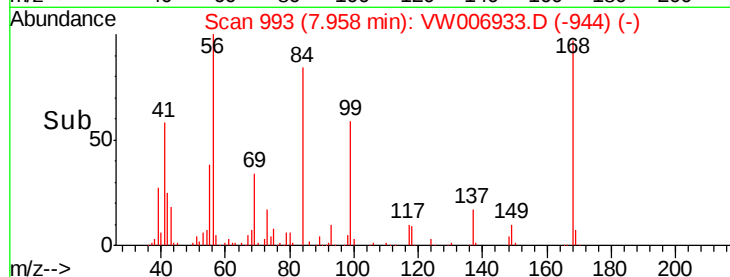
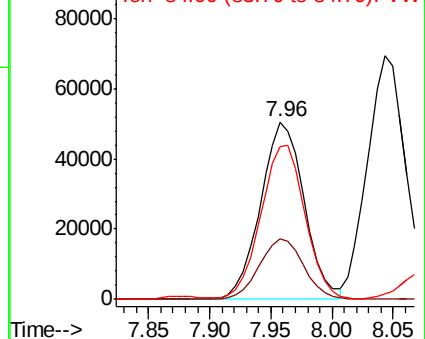
56 100

69 34.2 30.2 45.2

84 85.1 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 74.047 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

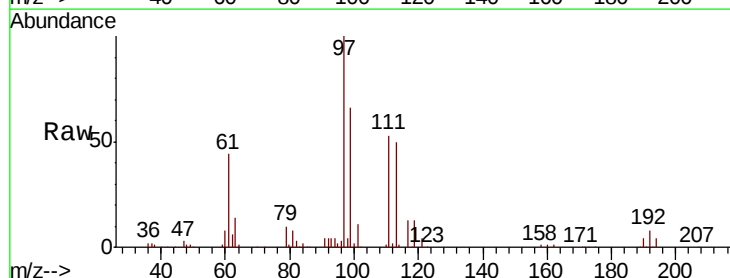
Tgt Ion: 97 Resp: 122621

Ion Ratio Lower Upper

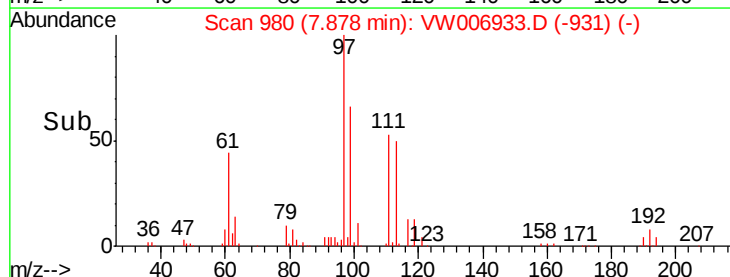
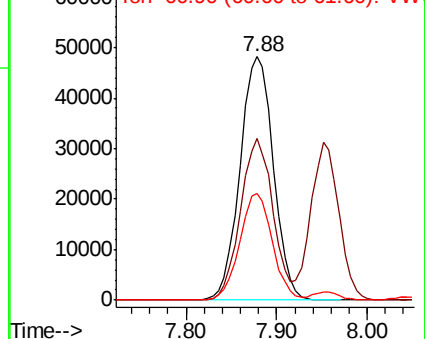
97 100

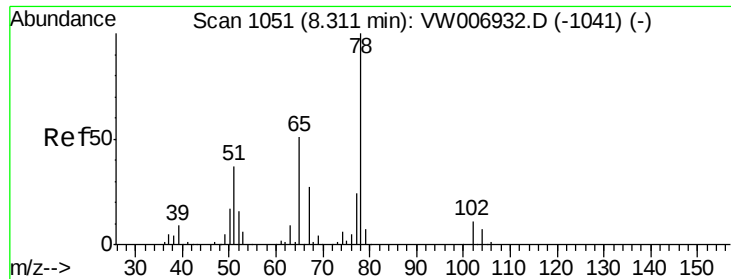
99 64.6 51.0 76.6

61 42.8 34.2 51.2



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

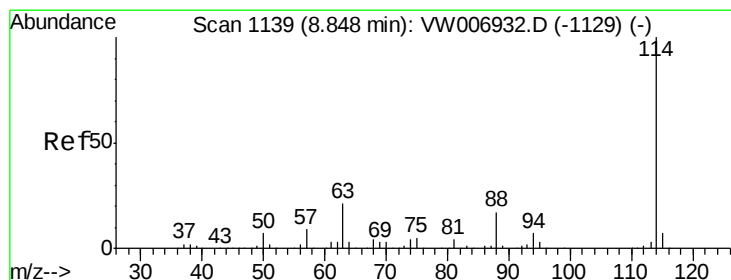
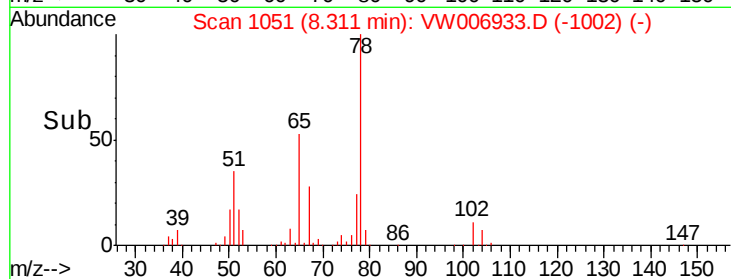
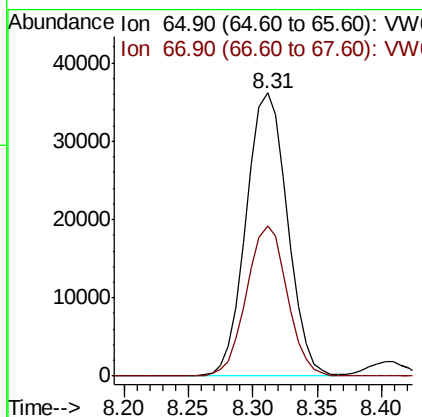
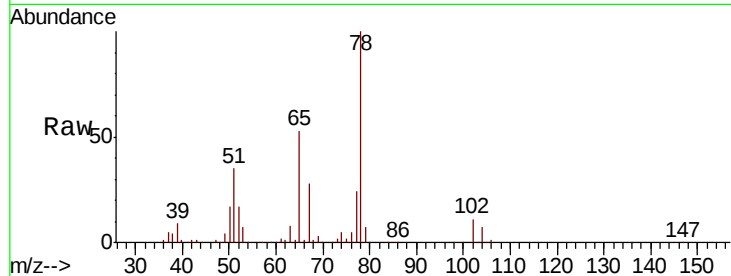




#33
 1,2-Dichloroethane-d4
 Concen: 90.525 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

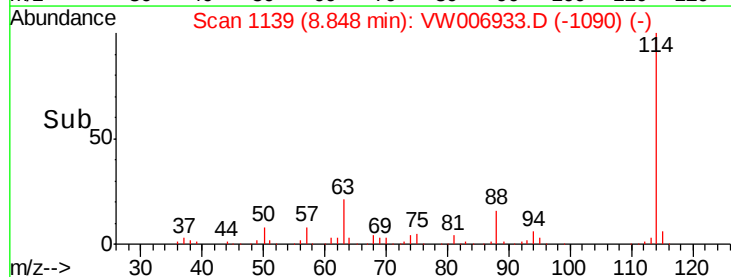
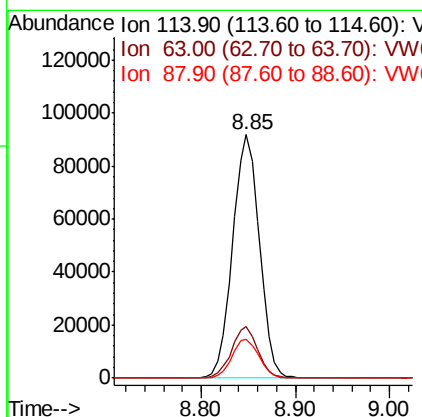
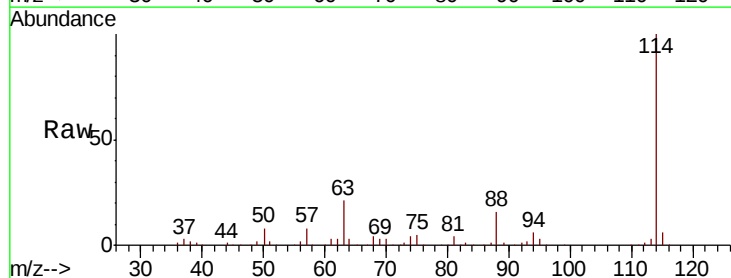
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

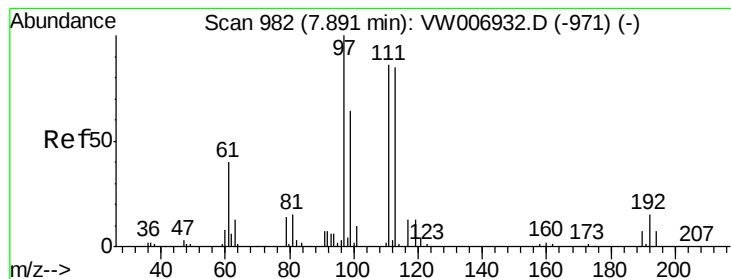
Tgt Ion: 65 Resp: 80463
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 114 Resp: 181208
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.2
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 67.066 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

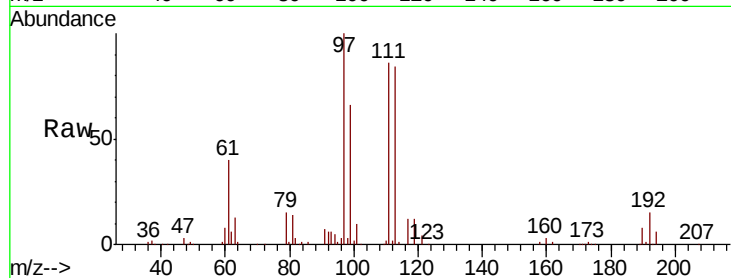
Tgt Ion:113 Resp: 73294

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

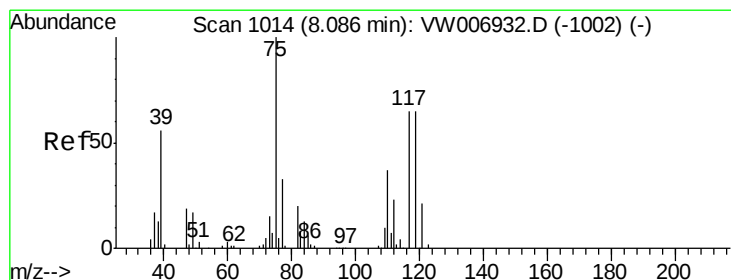
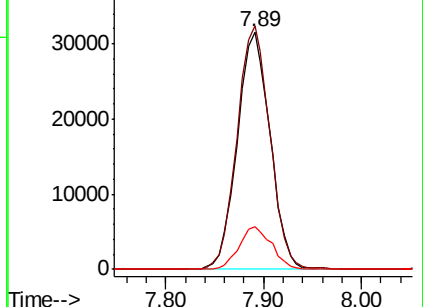
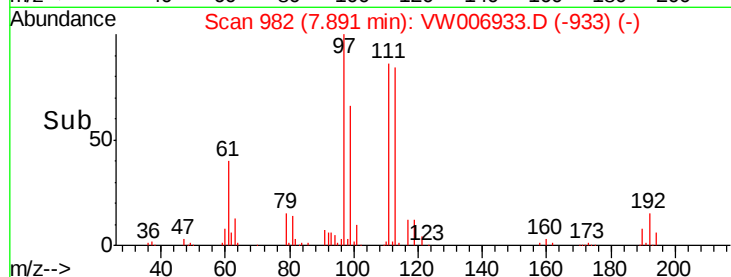
192 17.9 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 65.289 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

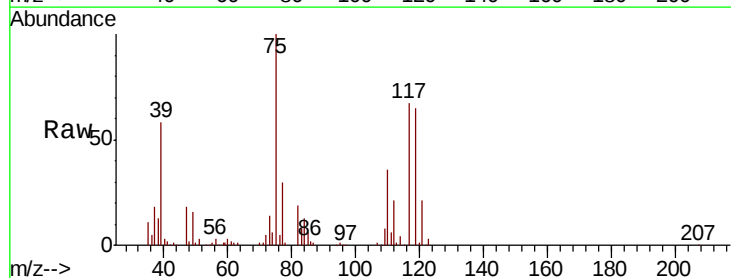
Tgt Ion: 75 Resp: 110845

Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

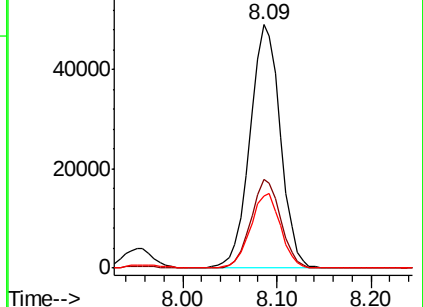
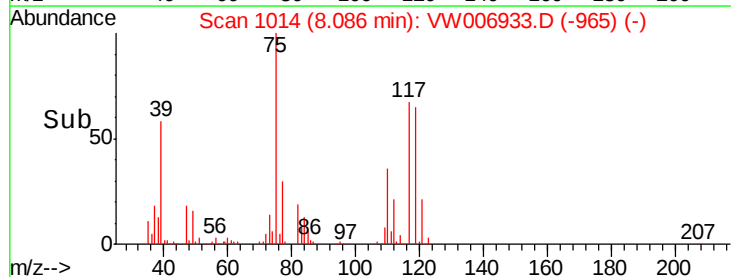
77 30.7 25.4 38.0

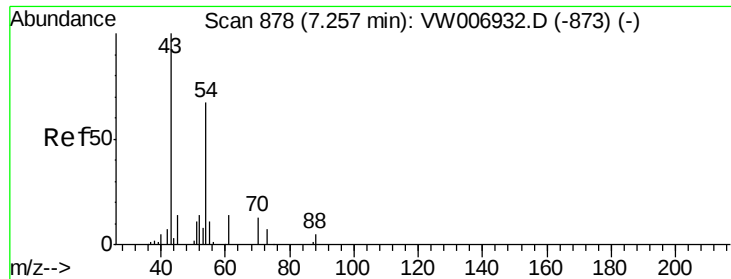


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

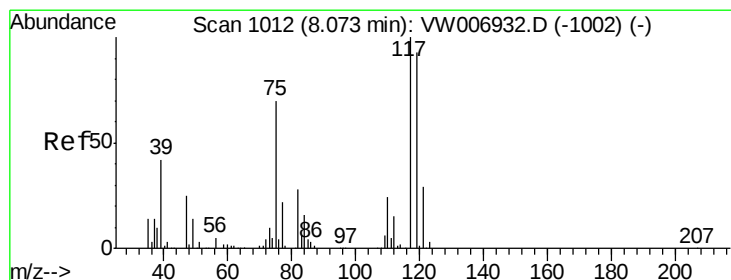
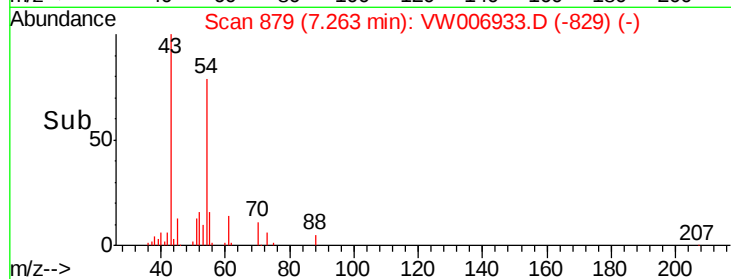
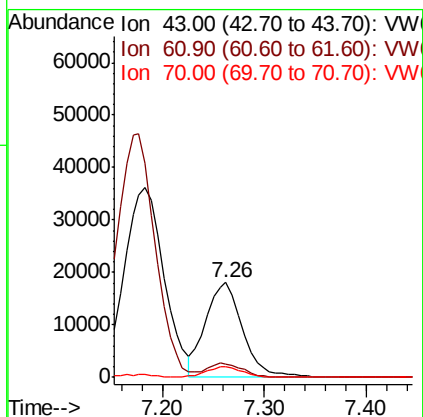
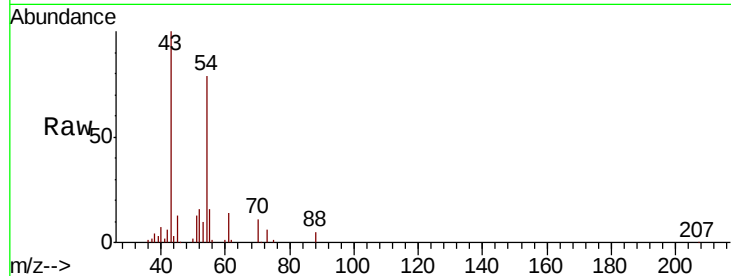




#37
Ethyl Acetate
Concen: 78.786 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

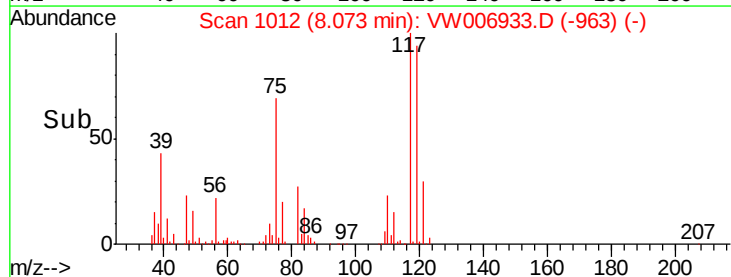
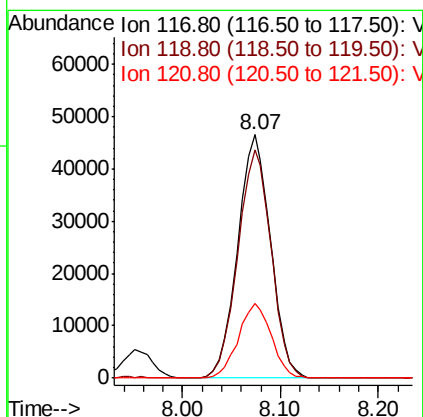
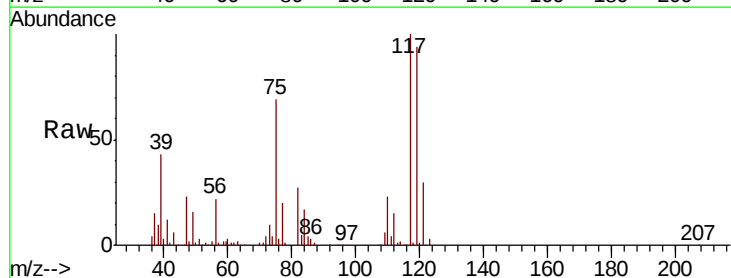
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

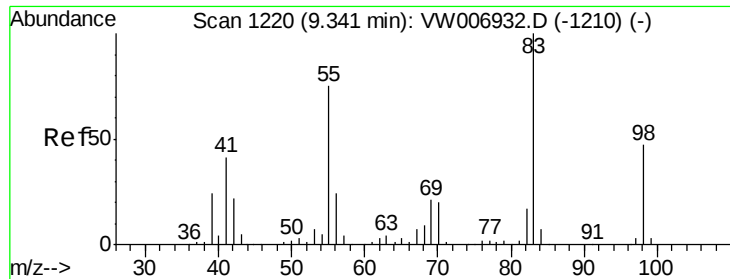
Tgt Ion: 43 Resp: 45689
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.6
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 59.849 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion: 117 Resp: 108569
Ion Ratio Lower Upper
117 100
119 93.8 74.2 111.4
121 30.4 23.5 35.3





#39

Methylcyclohexane

Concen: 63.474 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

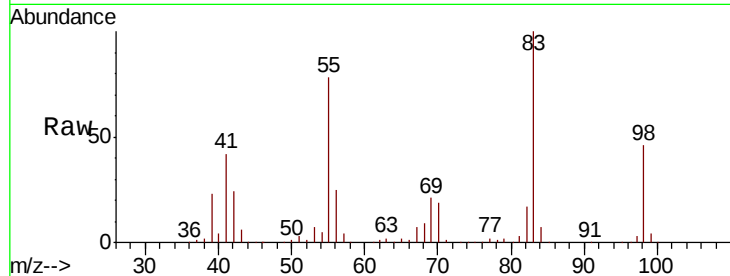
Tgt Ion: 83 Resp: 138173

Ion Ratio Lower Upper

83 100

55 77.6 60.2 90.4

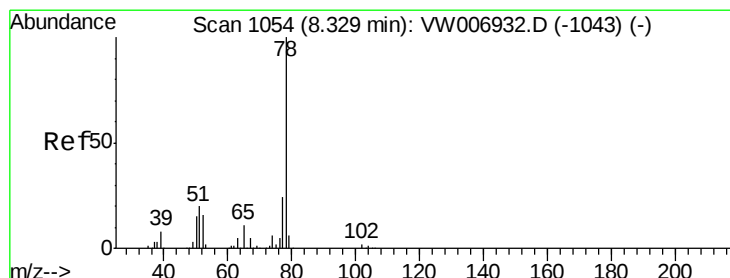
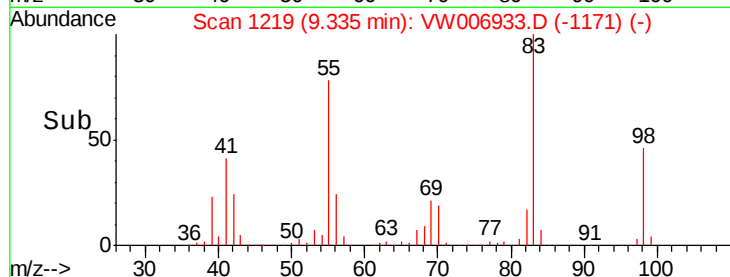
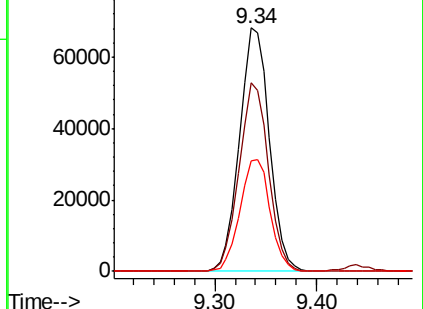
98 45.6 37.3 55.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 66.615 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006933.D

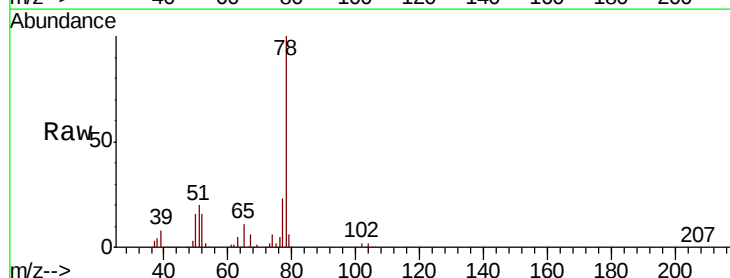
Acq: 17 Nov 2018 00:35

Tgt Ion: 78 Resp: 315954

Ion Ratio Lower Upper

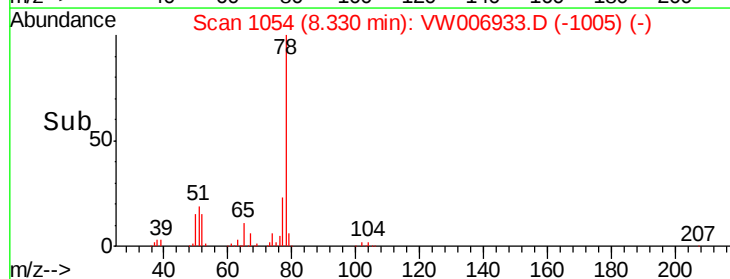
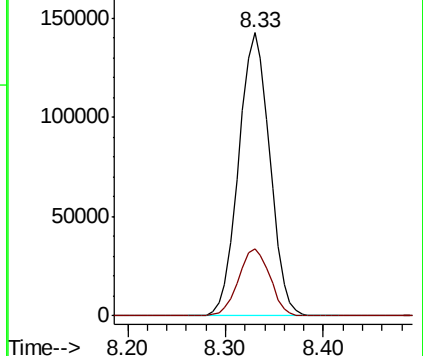
78 100

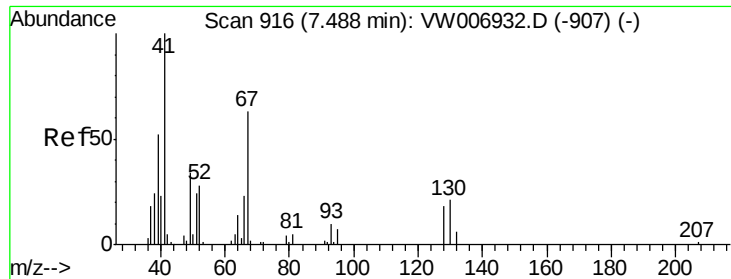
77 23.5 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

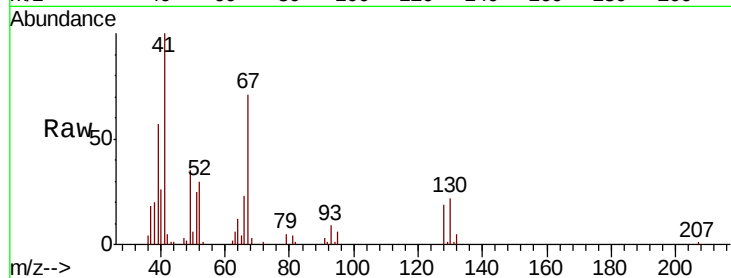




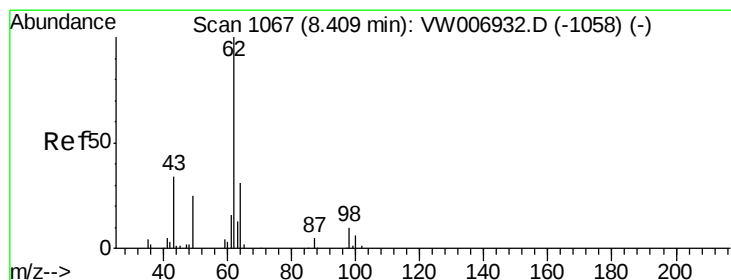
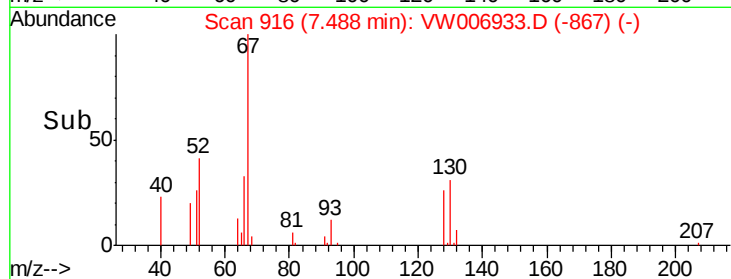
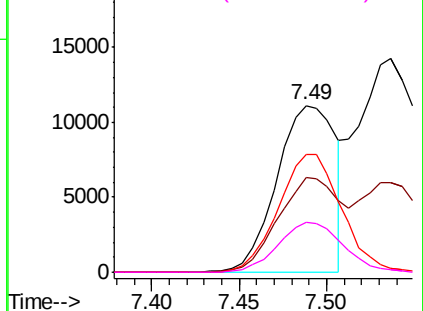
#41
Methacrylonitrile
Concen: 72.858 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	26067
Ion	Ratio	Lower	Upper
41	100		
39	61.2	41.8	62.6
67	75.8	54.7	82.1
52	32.6	23.8	35.8

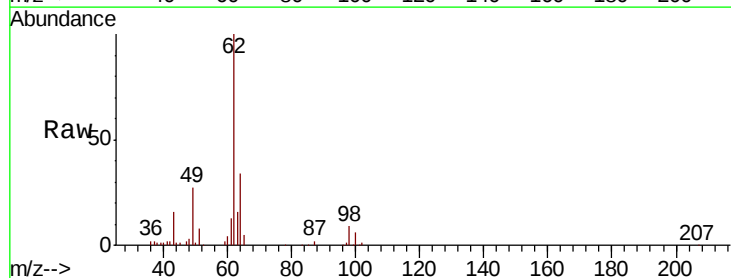


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

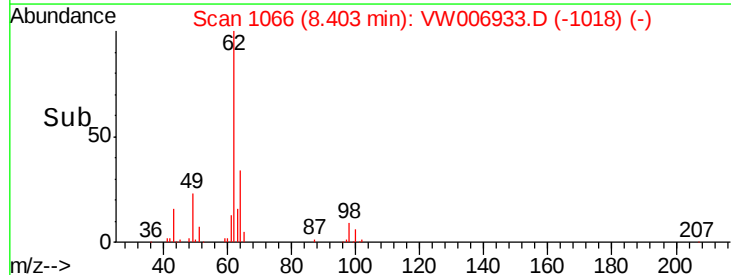
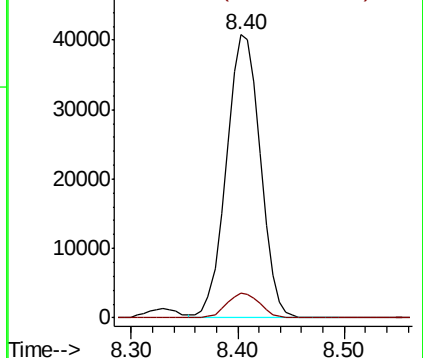


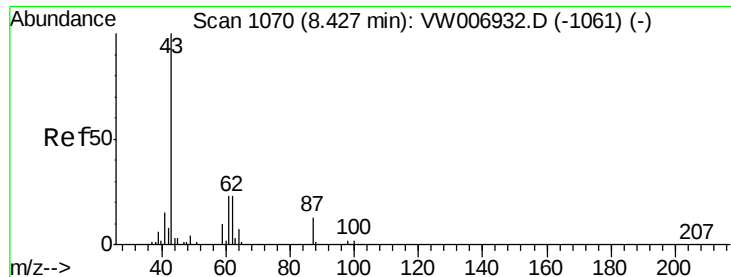
#42
1,2-Dichloroethane
Concen: 70.731 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion:	62	Resp:	91275
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 79.980 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

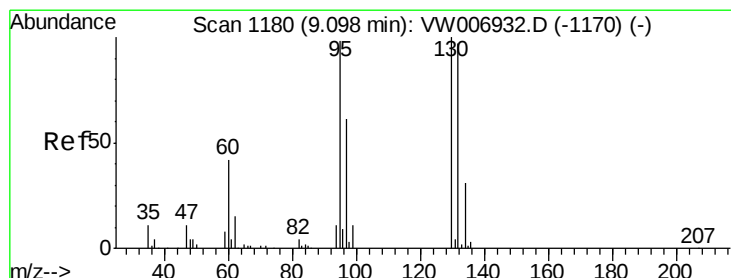
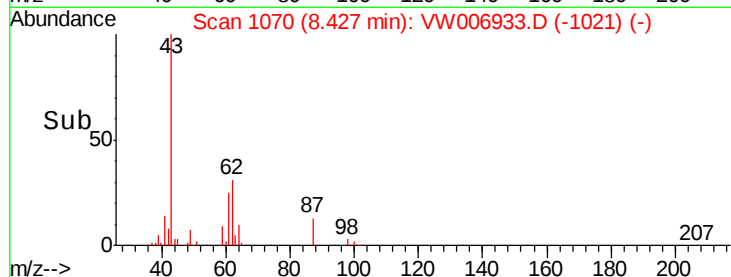
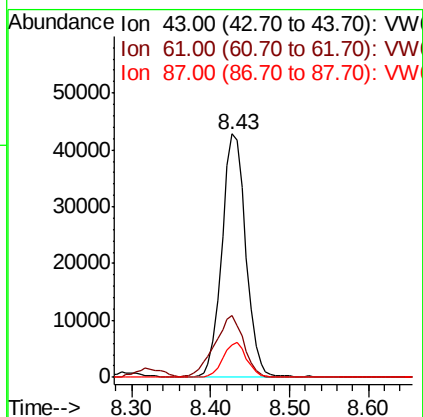
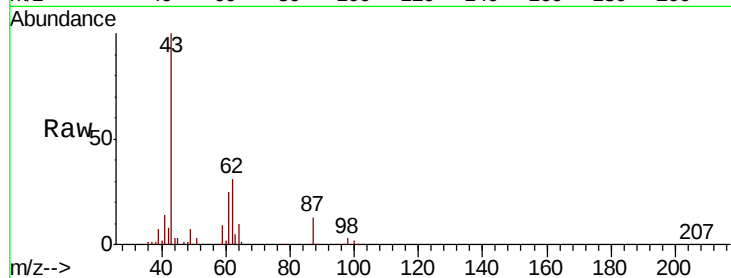
Tgt Ion: 43 Resp: 90341

Ion Ratio Lower Upper

43 100

61 31.0 24.6 37.0

87 14.0 11.0 16.6



#44

Trichloroethene

Concen: 58.166 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006933.D

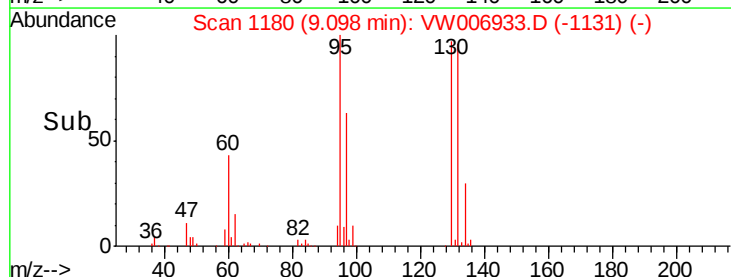
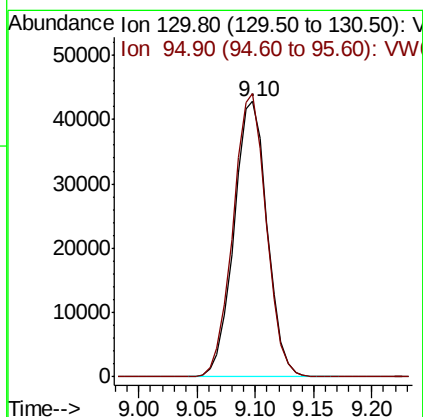
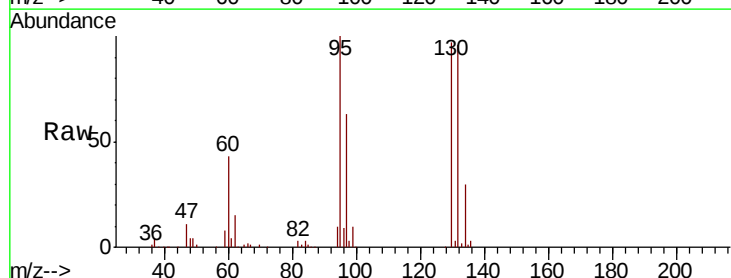
Acq: 17 Nov 2018 00:35

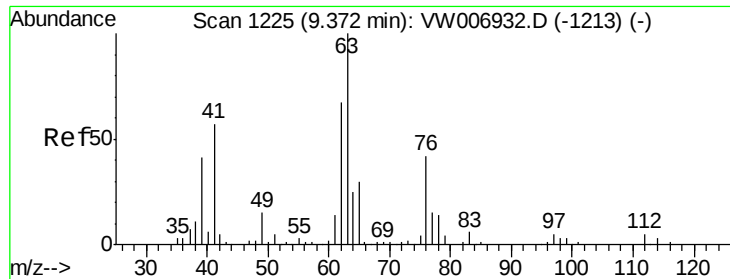
Tgt Ion: 130 Resp: 84992

Ion Ratio Lower Upper

130 100

95 102.9 0.0 196.4

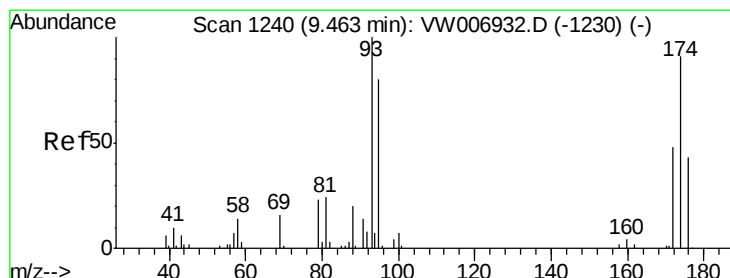
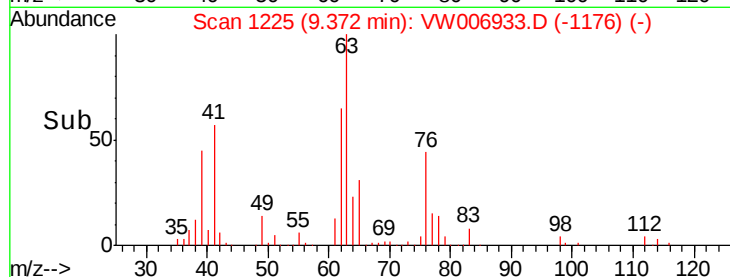
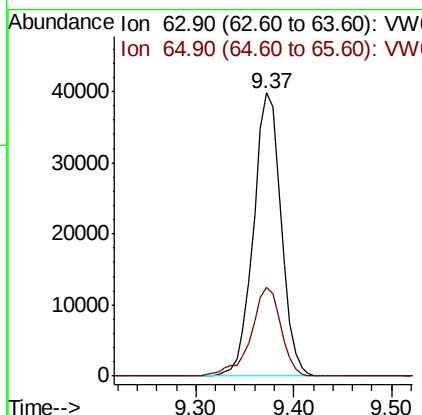
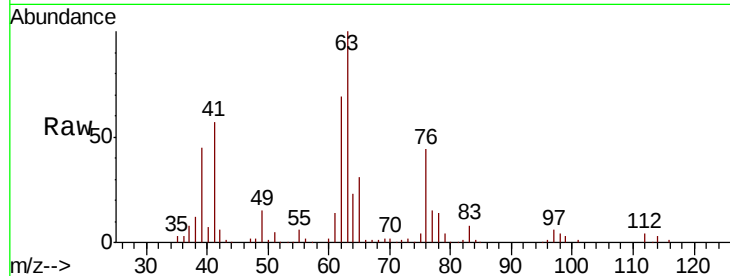




#45
 1,2-Dichloropropane
 Concen: 70.304 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

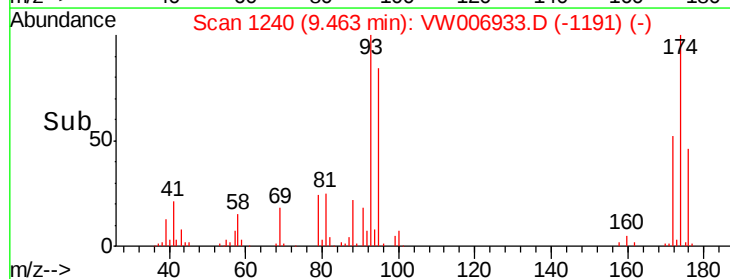
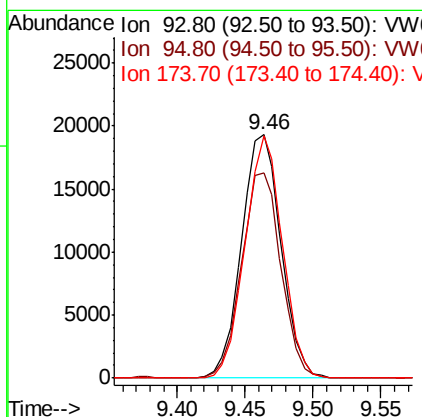
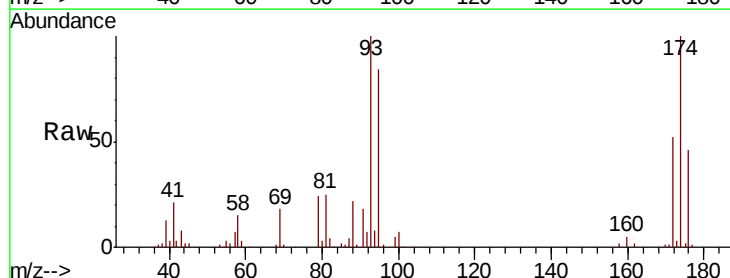
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

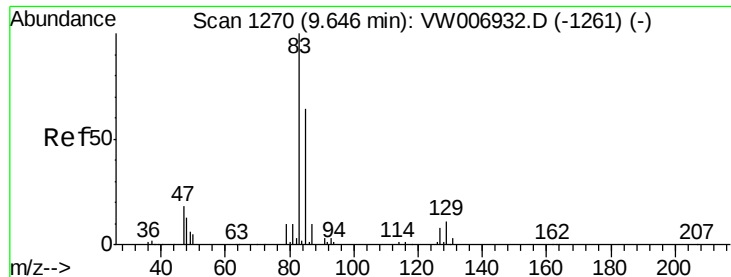
Tgt Ion: 63 Resp: 78621
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9



#46
 Dibromomethane
 Concen: 64.123 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 93 Resp: 39323
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.7 98.5
 174 93.8 75.0 112.4

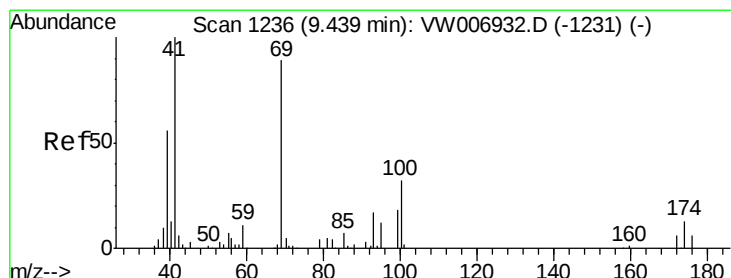
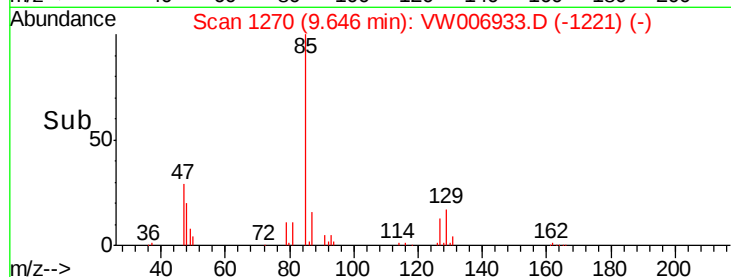
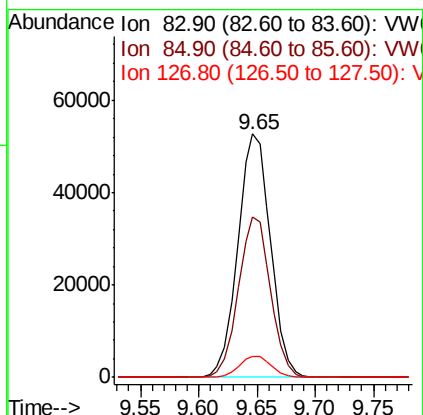
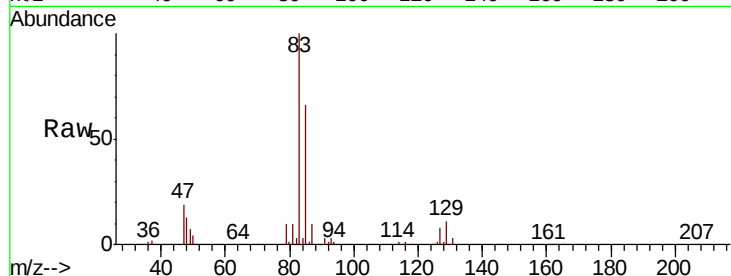




#47
 Bromodichloromethane
 Concen: 66.876 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

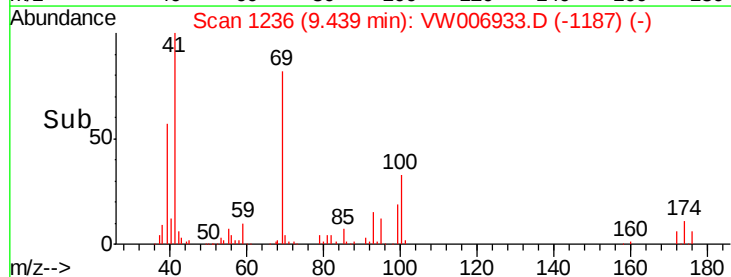
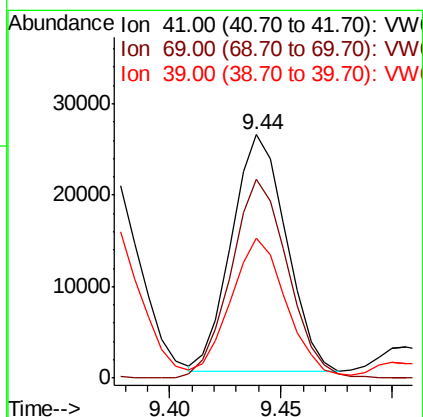
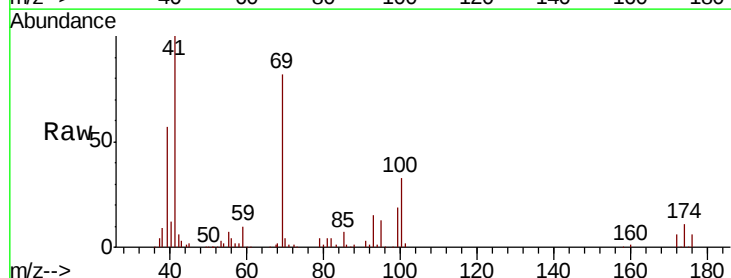
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

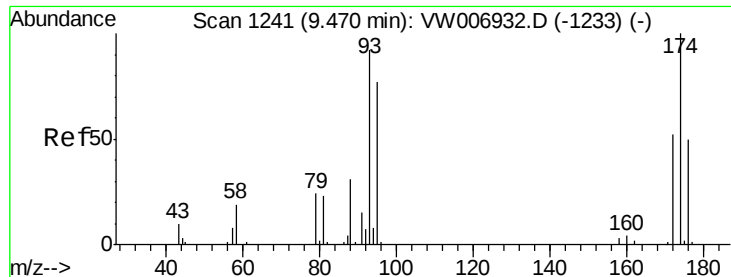
Tgt Ion: 83 Resp: 102540
 Ion Ratio Lower Upper
 83 100
 85 65.9 50.8 76.2
 127 8.4 6.6 10.0



#48
 Methyl methacrylate
 Concen: 80.519 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 41 Resp: 44244
 Ion Ratio Lower Upper
 41 100
 69 87.9 73.4 110.0
 39 57.2 46.1 69.1

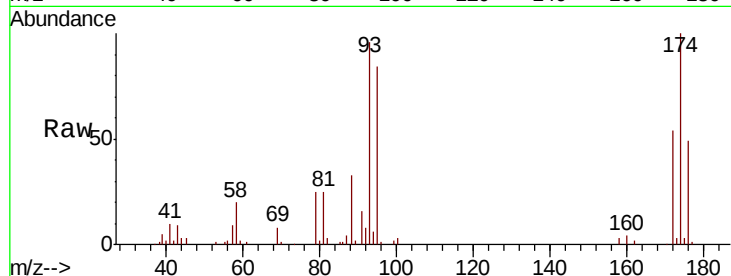




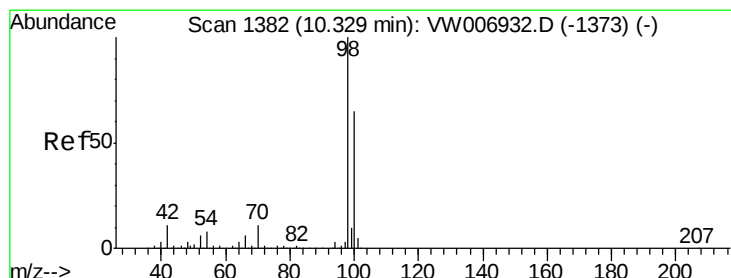
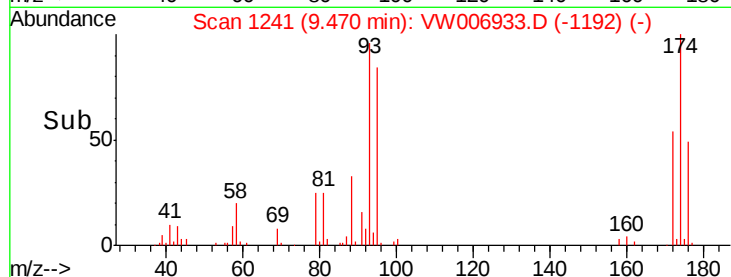
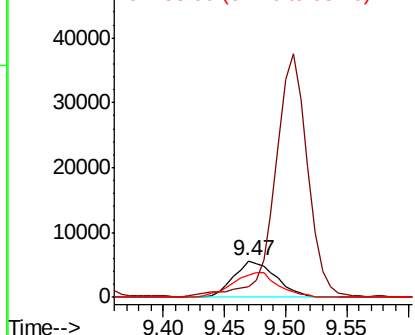
#49
1,4-Dioxane
Concen: 1448.230 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 88 Resp: 13475
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.1 57.4 86.2

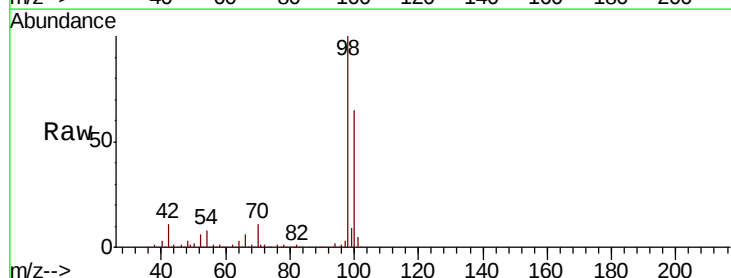


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

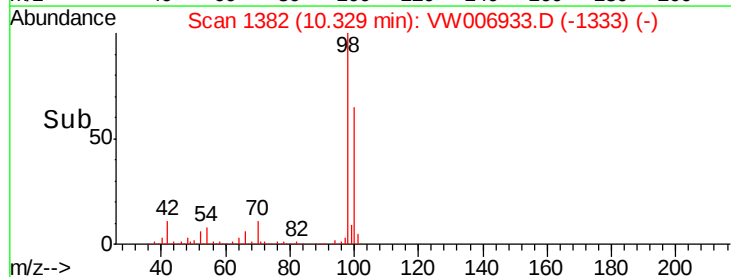
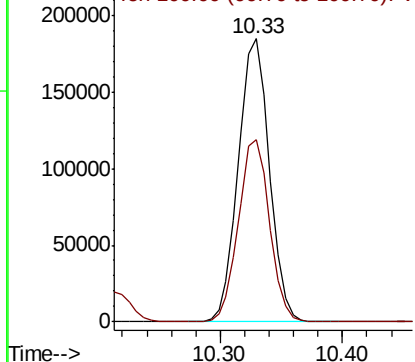


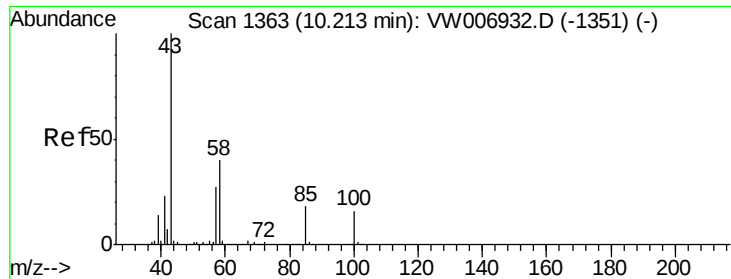
#50
Toluene-d8
Concen: 71.500 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion: 98 Resp: 325741
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

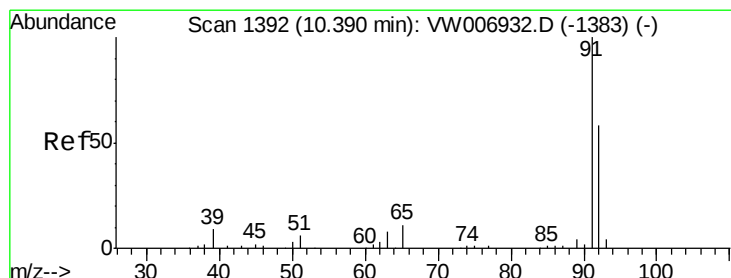
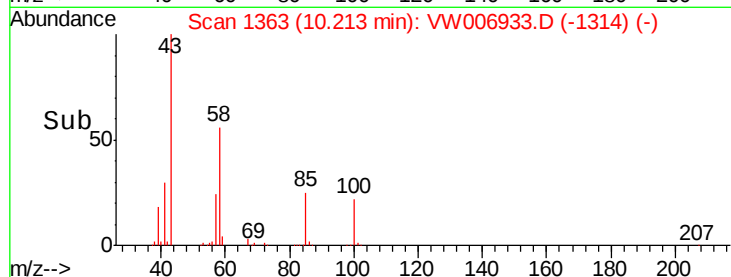
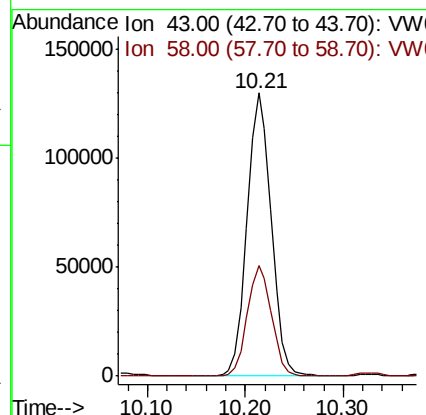
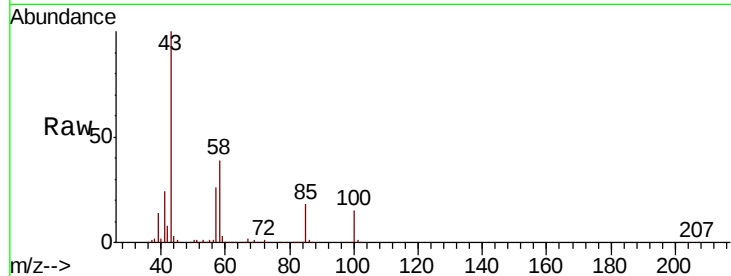




#51
 4-Methyl-2-Pentanone
 Concen: 395.255 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

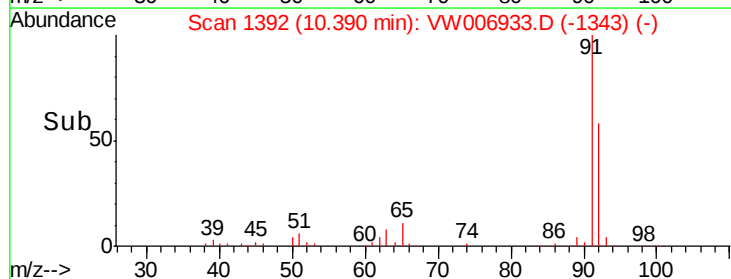
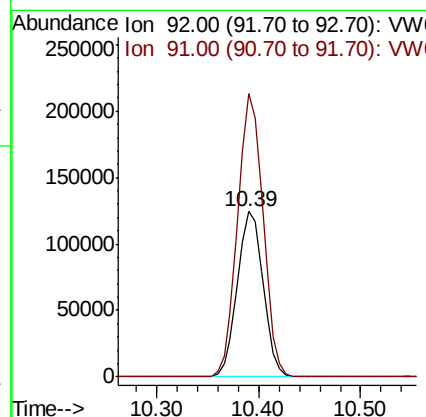
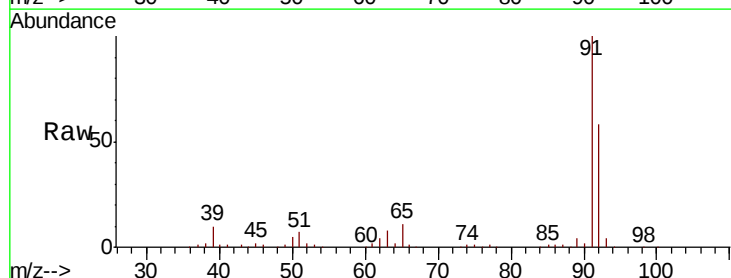
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

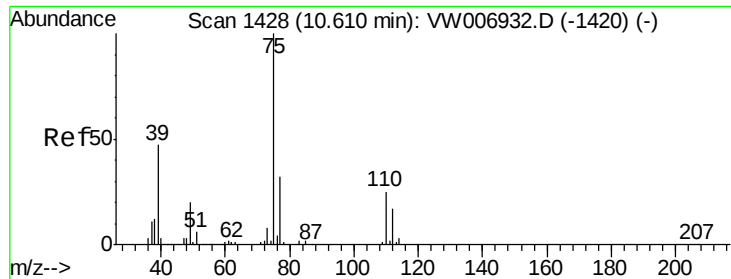
Tgt Ion: 43 Resp: 223068
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.0 46.4



#52
 Toluene
 Concen: 65.209 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 92 Resp: 217012
 Ion Ratio Lower Upper
 92 100
 91 169.4 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 71.211 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

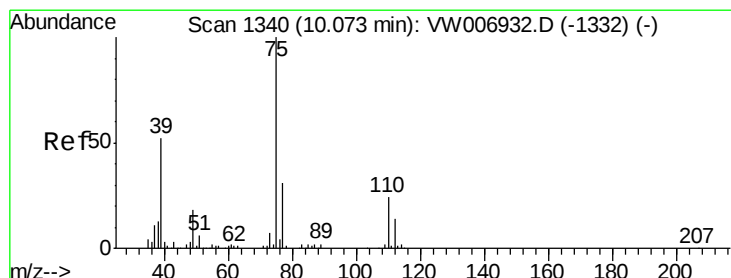
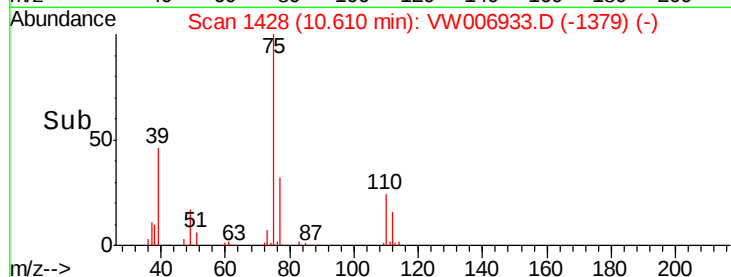
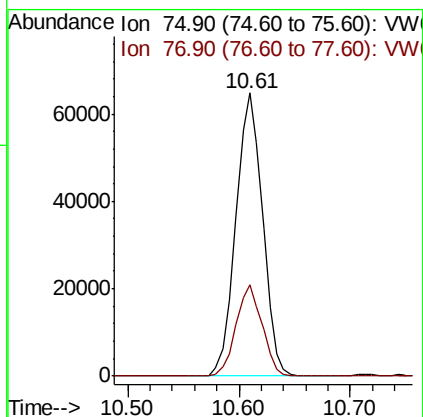
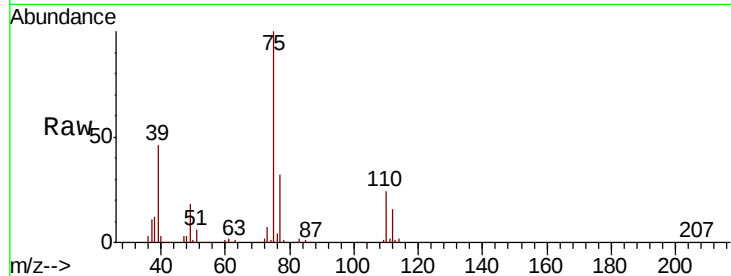
VSTDIC075

Tgt Ion: 75 Resp: 107532

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 70.034 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

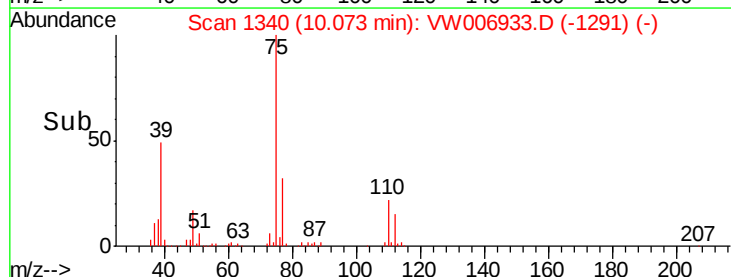
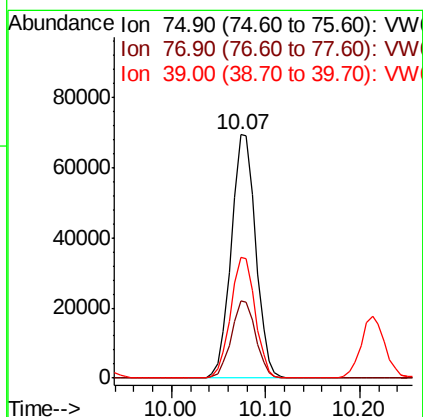
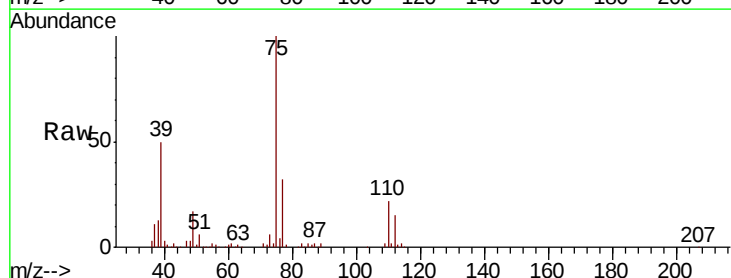
Tgt Ion: 75 Resp: 125498

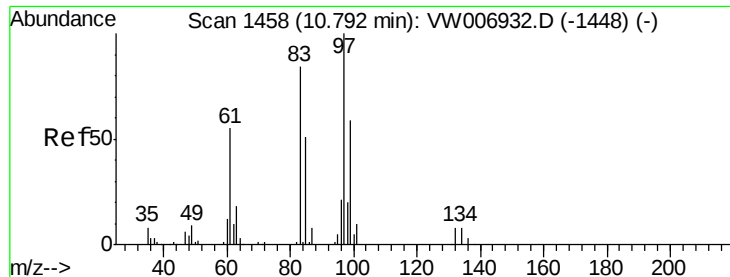
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 49.8 41.4 62.2

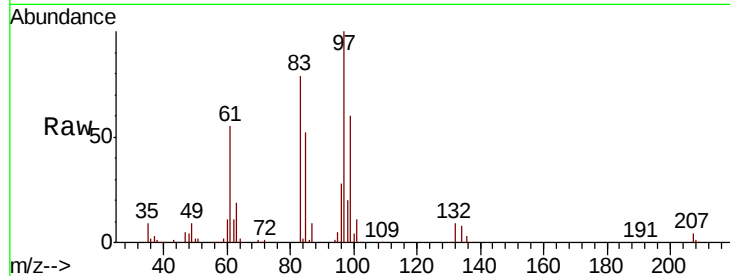




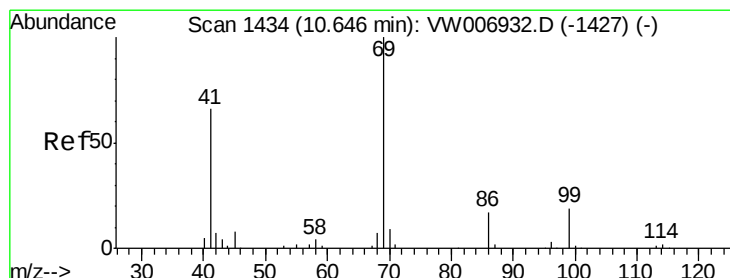
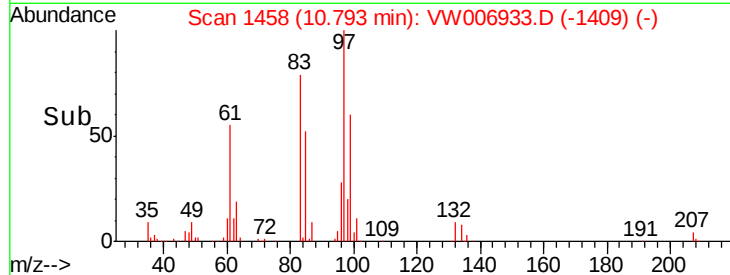
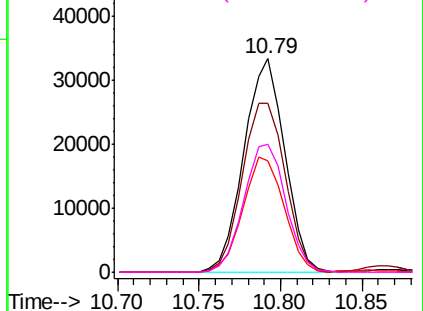
#55
 1,1,2-Trichloroethane
 Concen: 64.071 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 97 Resp: 58324
 Ion Ratio Lower Upper
 97 100
 83 79.1 67.5 101.3
 85 52.4 41.0 61.6
 99 59.7 47.4 71.2

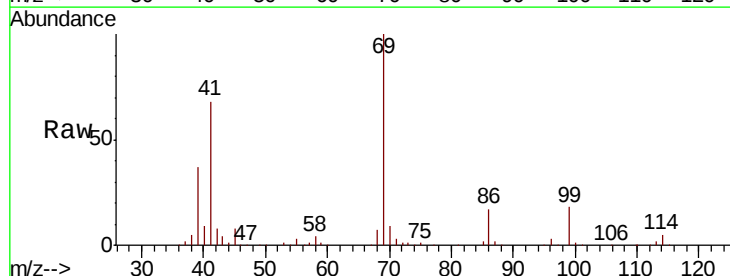


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

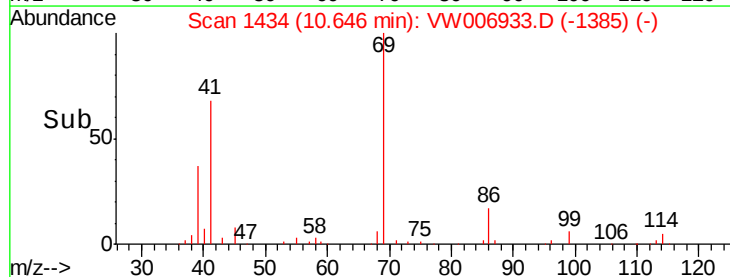
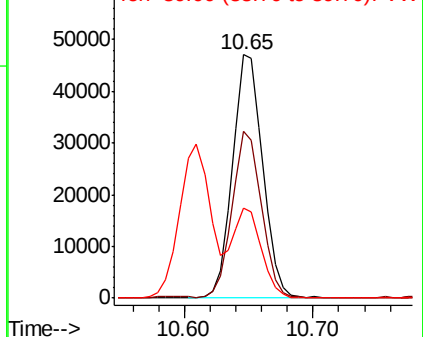


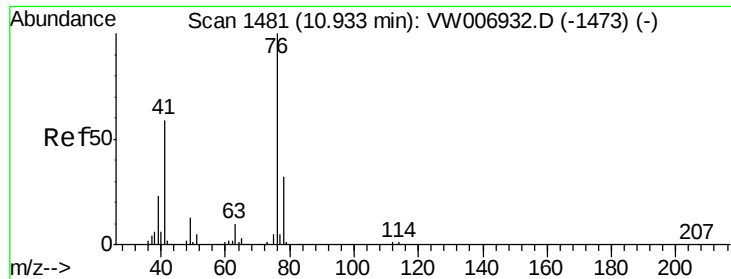
#56
 Ethyl methacrylate
 Concen: 75.580 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 69 Resp: 76827
 Ion Ratio Lower Upper
 69 100
 41 66.5 53.8 80.6
 39 36.9 29.0 43.6



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: 68.467 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

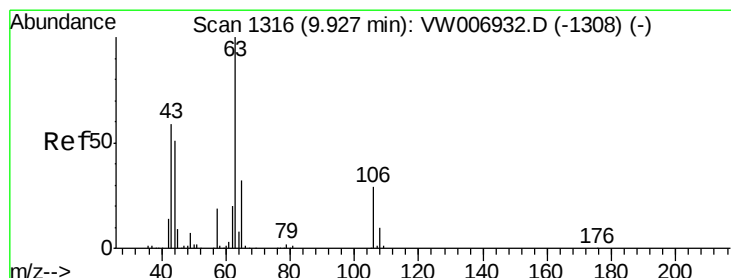
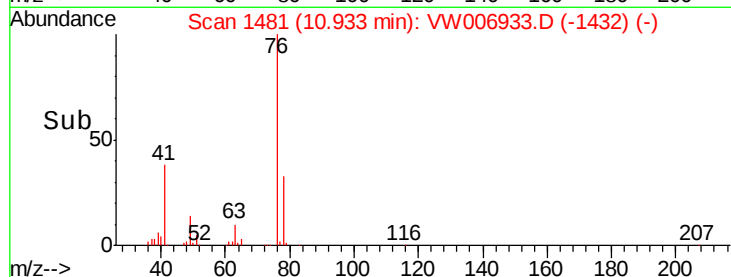
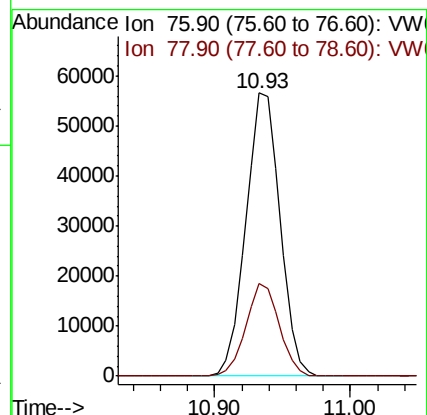
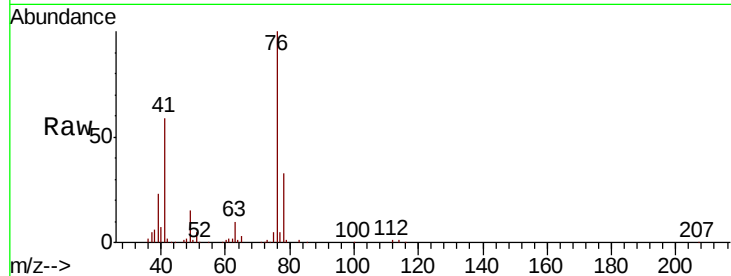
VSTDIC075

Tgt Ion: 76 Resp: 99729

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 384.353 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006933.D

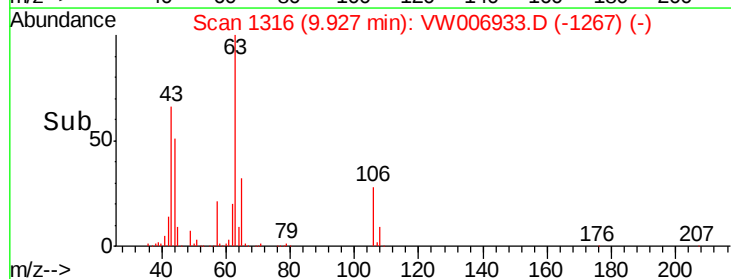
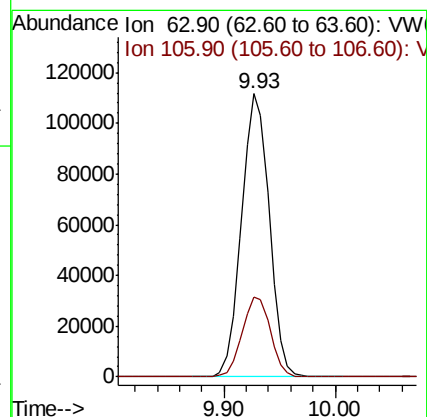
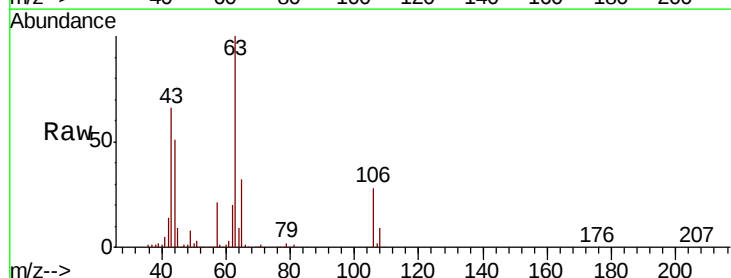
Acq: 17 Nov 2018 00:35

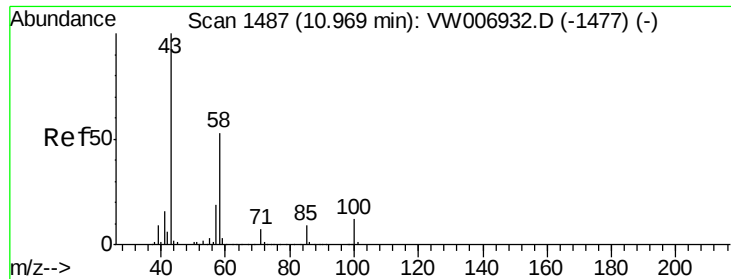
Tgt Ion: 63 Resp: 192469

Ion Ratio Lower Upper

63 100

106 28.8 22.6 33.8

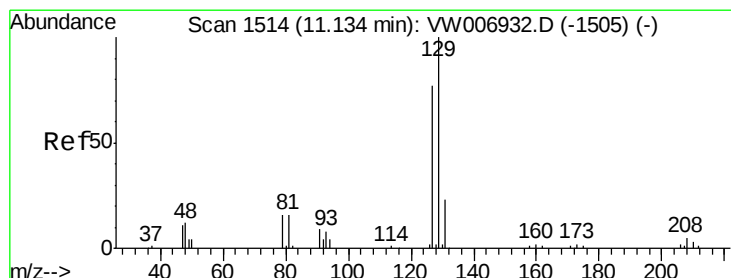
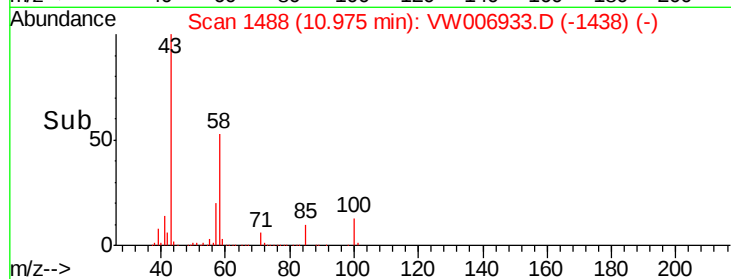
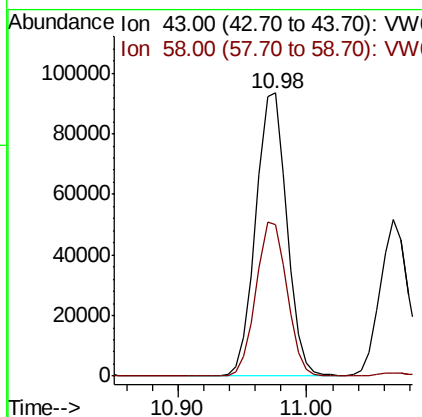
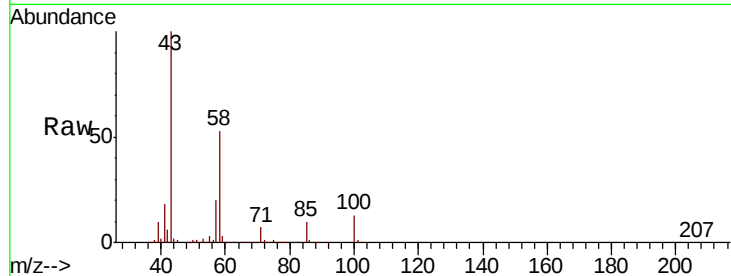




#59
2-Hexanone
Concen: 401.264 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

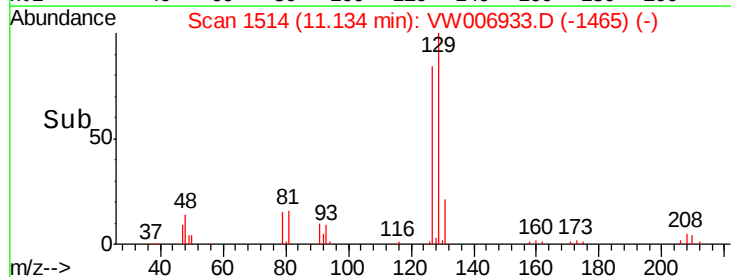
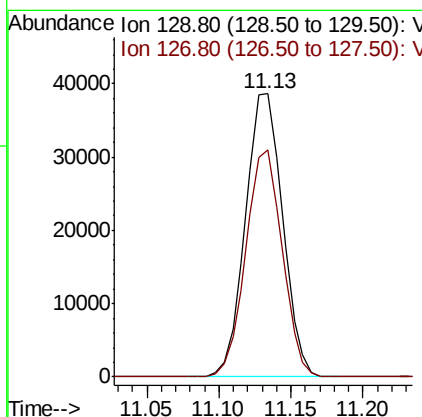
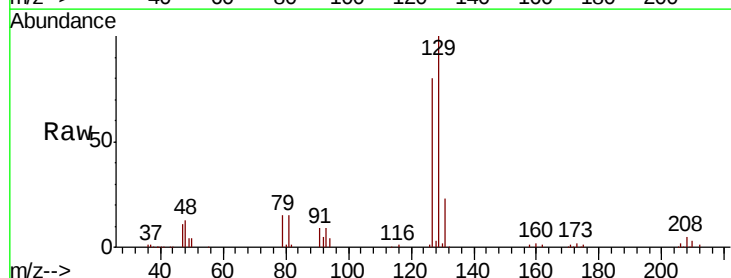
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

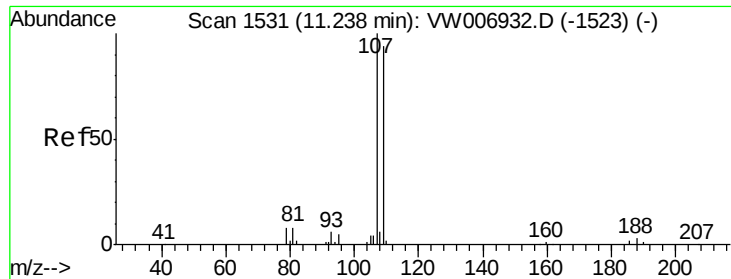
Tgt Ion: 43 Resp: 155331
Ion Ratio Lower Upper
43 100
58 54.5 26.8 80.4



#60
Dibromochloromethane
Concen: 62.797 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion: 129 Resp: 69148
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 63.521 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

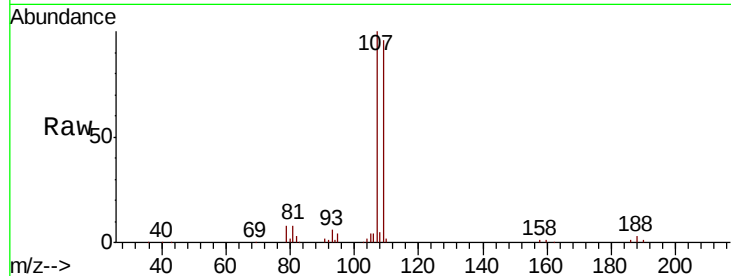
VSTDIC075

Tgt Ion: 107 Resp: 54659

Ion Ratio Lower Upper

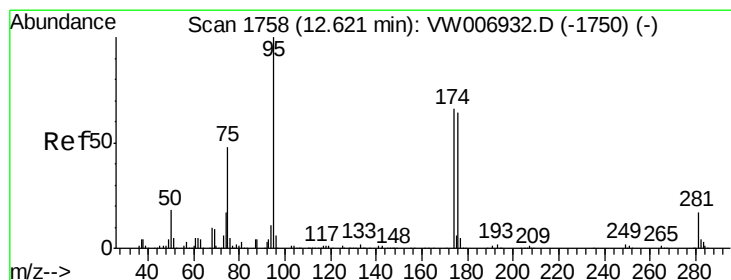
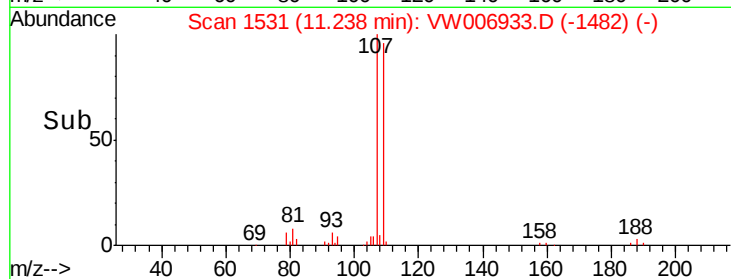
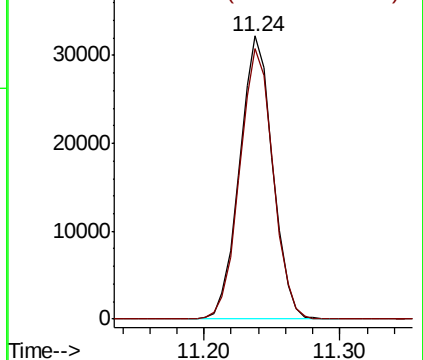
107 100

109 96.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 73.609 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

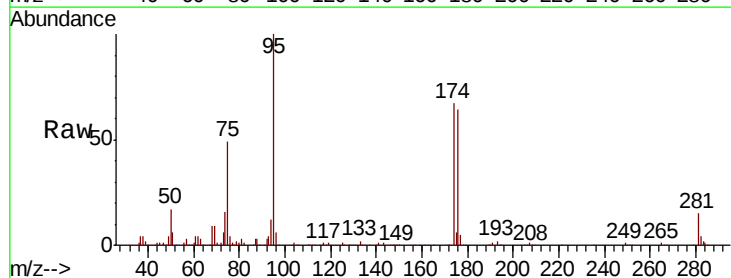
Tgt Ion: 95 Resp: 124732

Ion Ratio Lower Upper

95 100

174 69.6 0.0 138.4

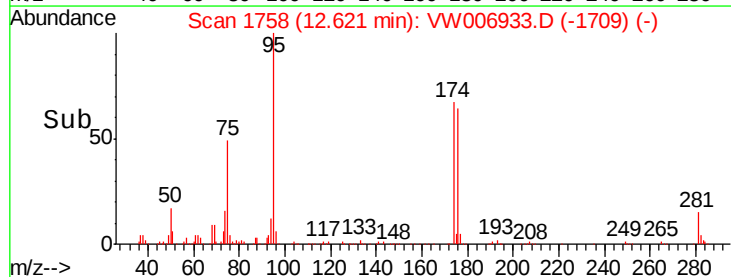
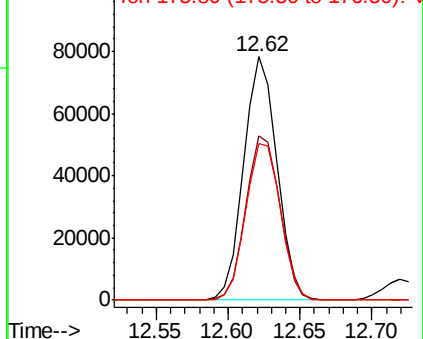
176 67.3 0.0 133.4

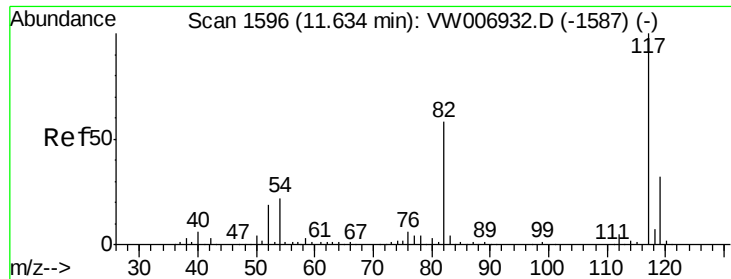


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

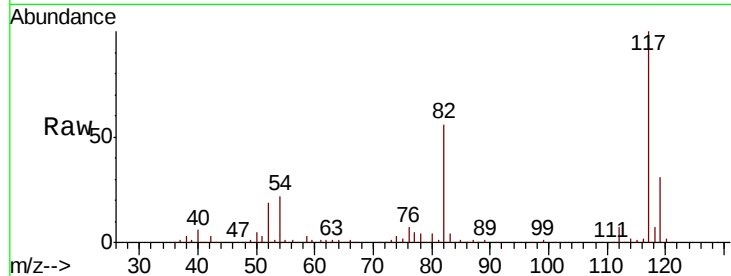




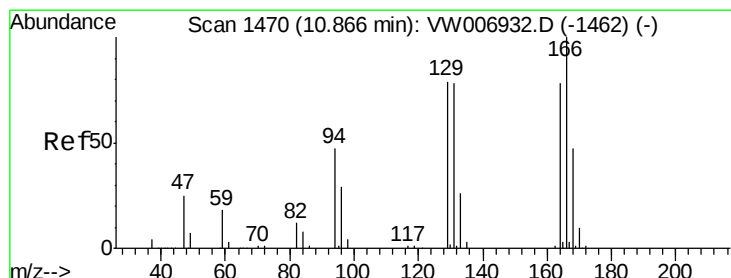
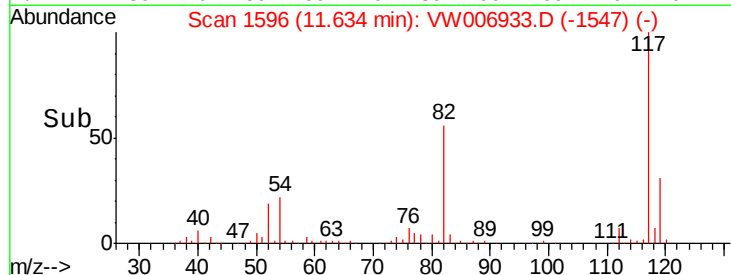
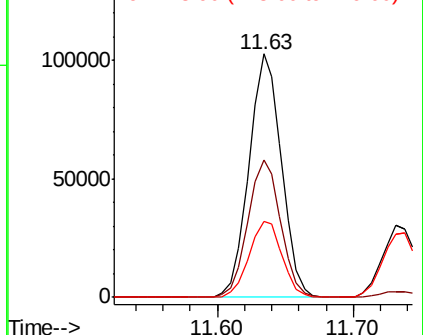
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:117 Resp: 170962
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.2
119 31.1 25.5 38.3



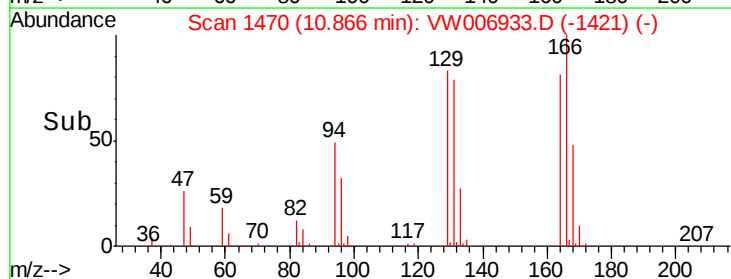
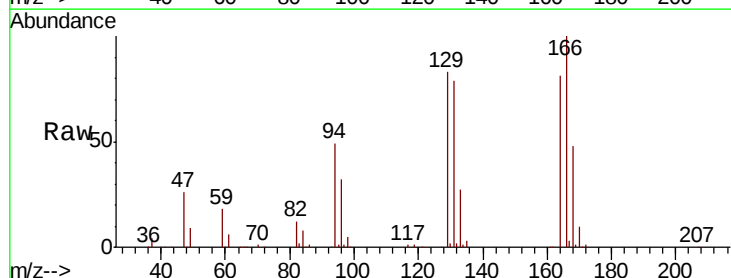
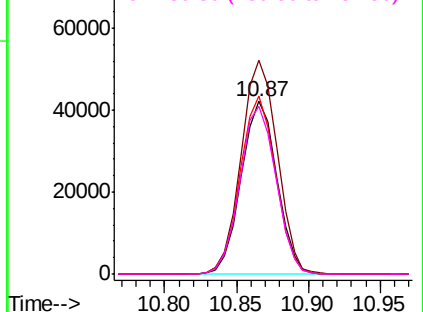
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

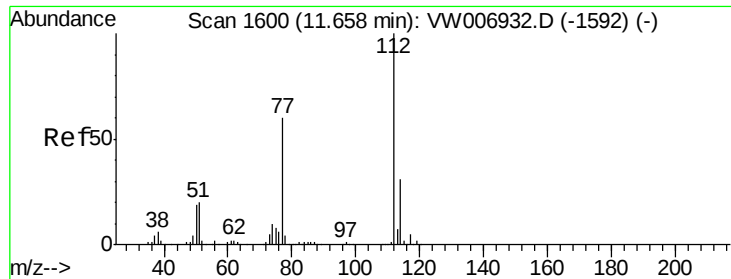


#64
Tetrachloroethene
Concen: 54.605 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion:164 Resp: 72185
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 102.7 81.0 121.4
131 97.2 80.2 120.2

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

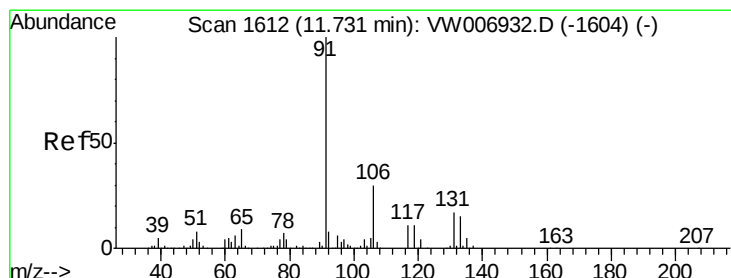
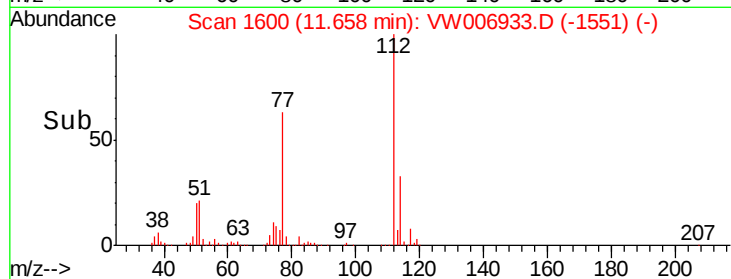
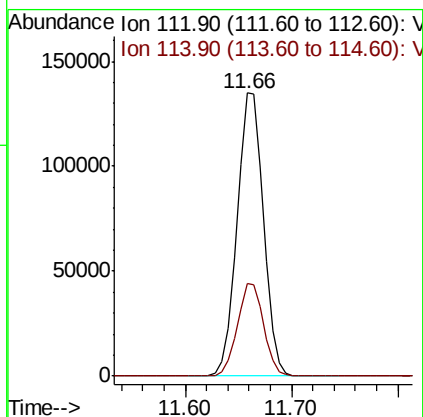
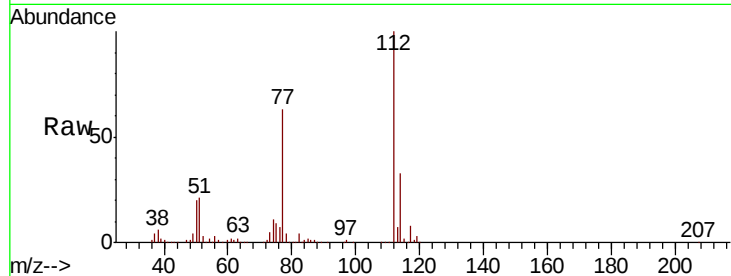




#65
Chlorobenzene
Concen: 62.444 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

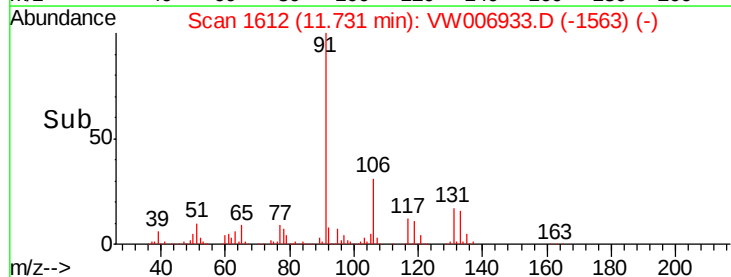
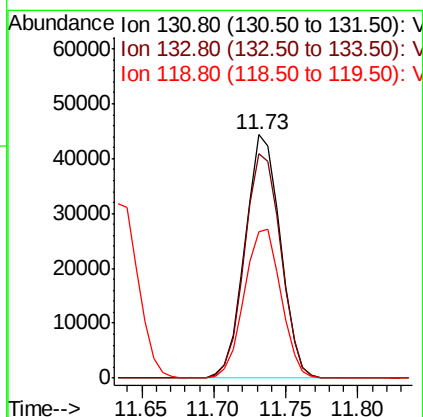
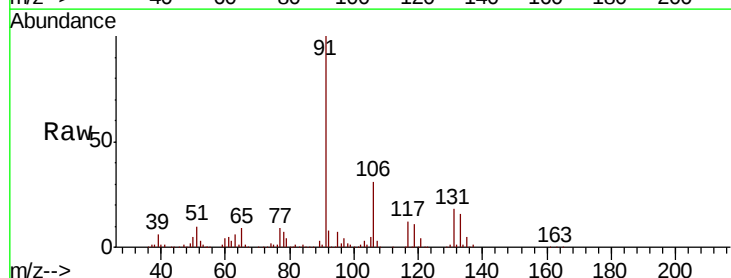
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

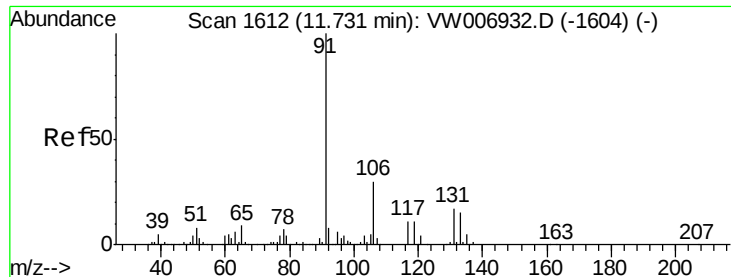
Tgt Ion:112 Resp: 235069
Ion Ratio Lower Upper
112 100
114 32.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 61.768 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion:131 Resp: 75243
Ion Ratio Lower Upper
131 100
133 94.9 47.2 141.6
119 63.4 32.5 97.4

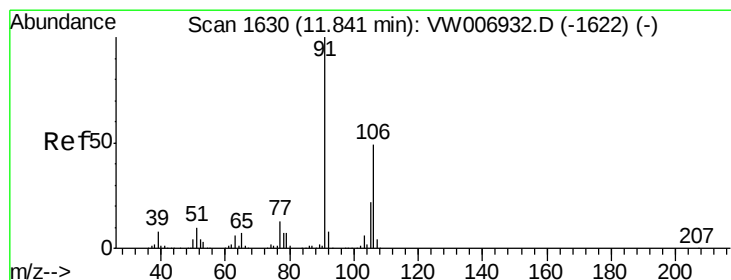
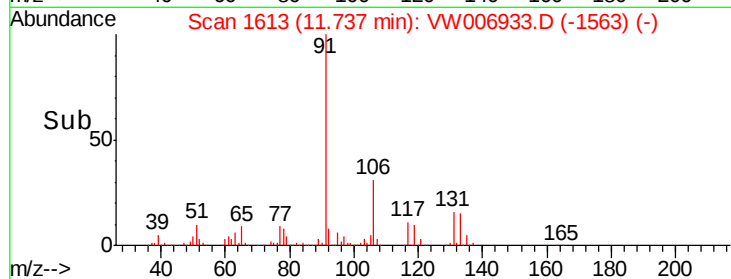
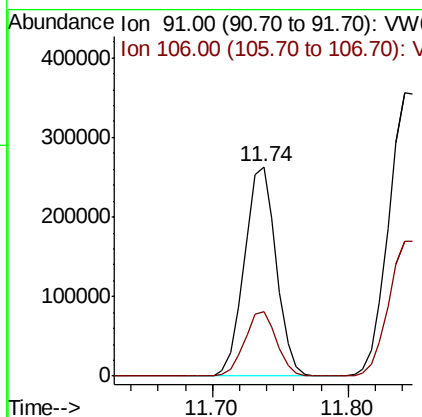
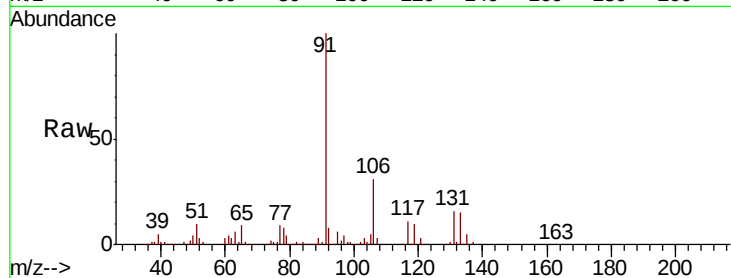




#67
Ethyl Benzene
Concen: 66.822 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

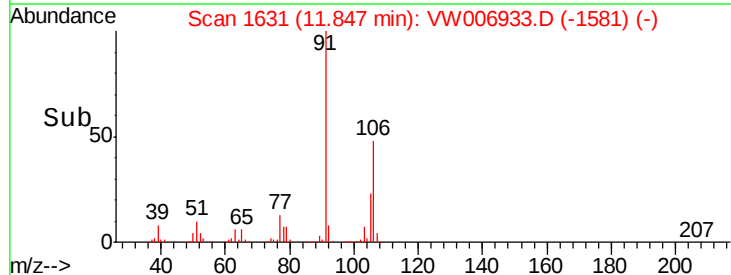
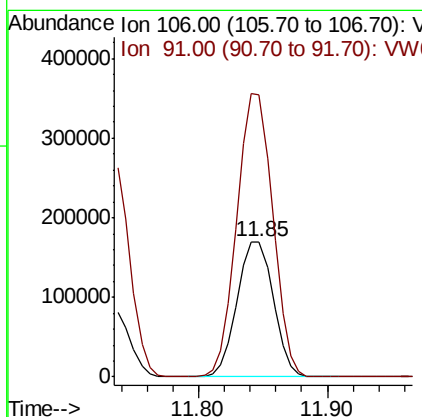
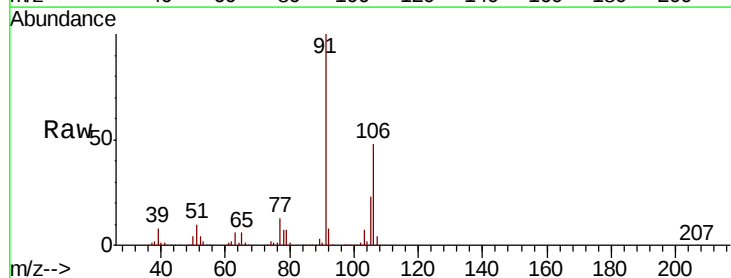
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

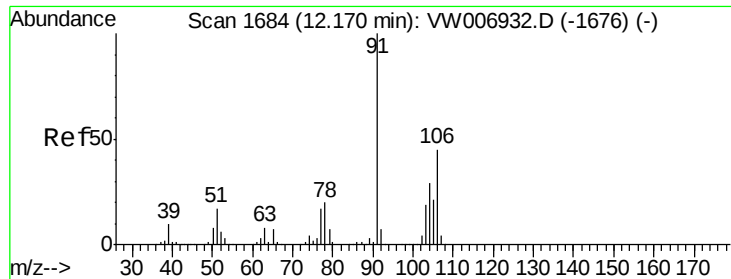
Tgt Ion: 91 Resp: 431830
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



#68
m/p-Xylenes
Concen: 127.072 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion: 106 Resp: 332905
Ion Ratio Lower Upper
106 100
91 207.2 165.0 247.4

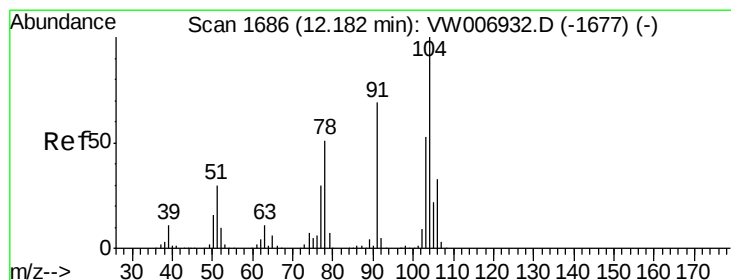
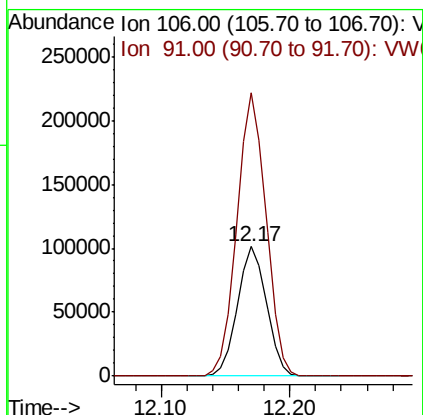
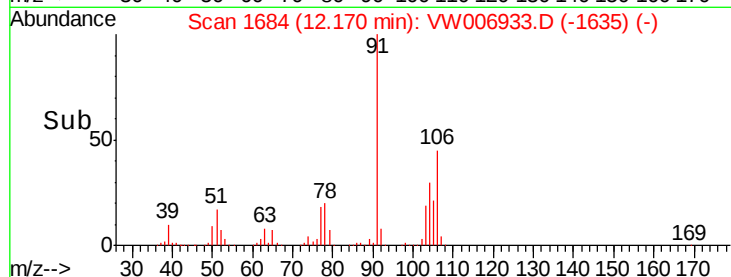
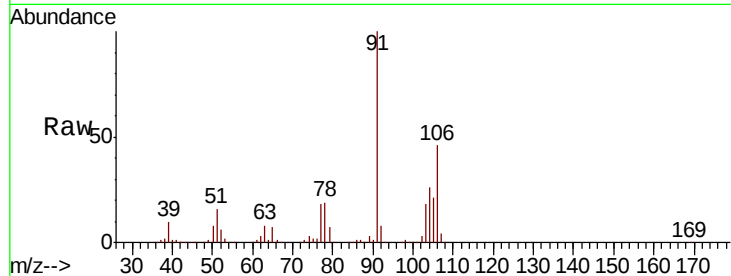




#69
o-Xylene
Concen: 65.147 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

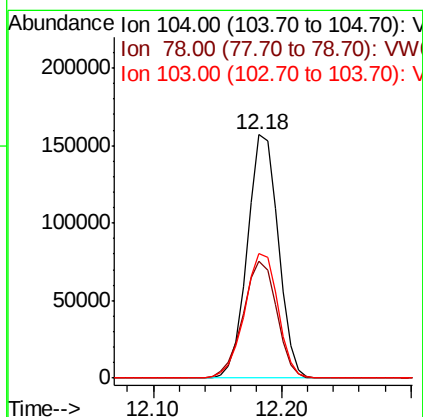
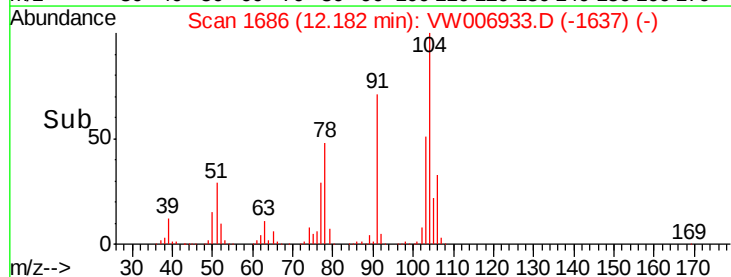
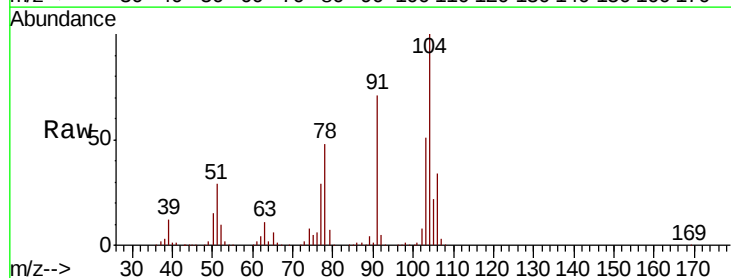
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

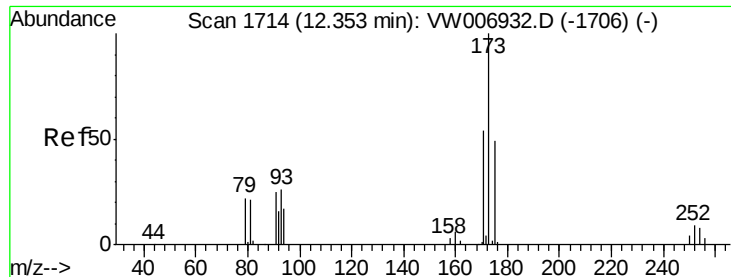
Tgt Ion:106 Resp: 159247
Ion Ratio Lower Upper
106 100
91 217.8 109.2 327.6



#70
Styrene
Concen: 66.102 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion:104 Resp: 259198
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 55.5 44.3 66.5





#71

Bromoform

Concen: 55.637 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

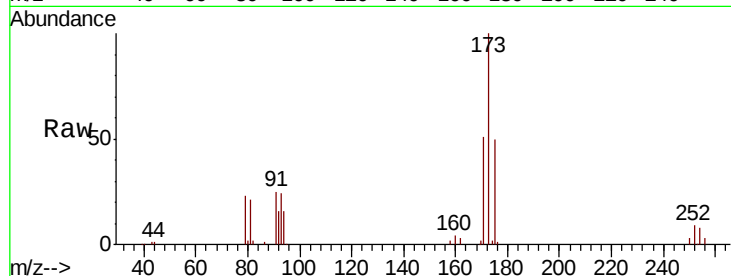
Tgt Ion:173 Resp: 36105

Ion Ratio Lower Upper

173 100

175 47.9 24.0 72.0

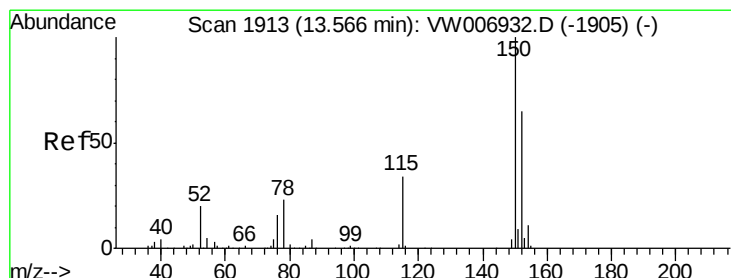
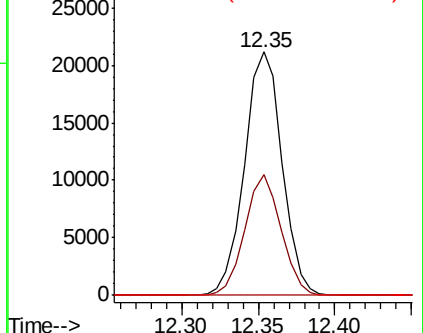
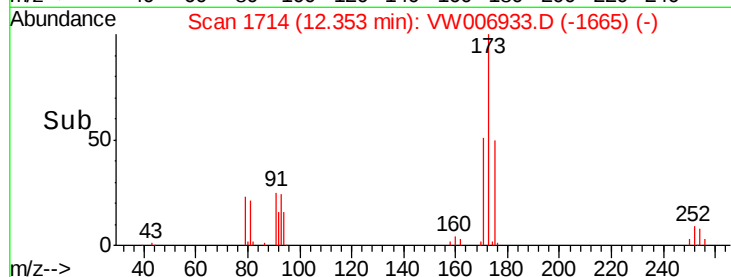
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

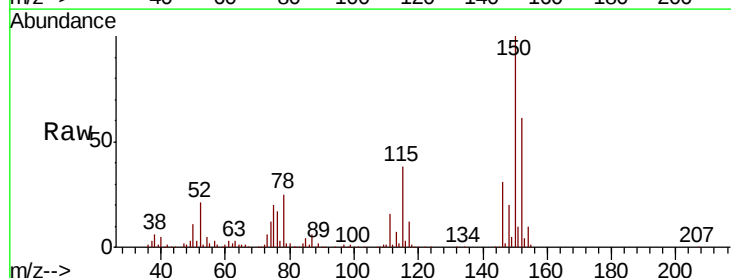
Tgt Ion:152 Resp: 82162

Ion Ratio Lower Upper

152 100

115 62.7 31.6 94.7

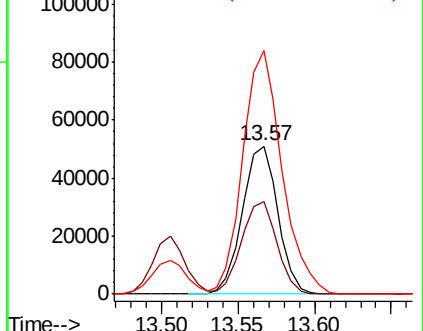
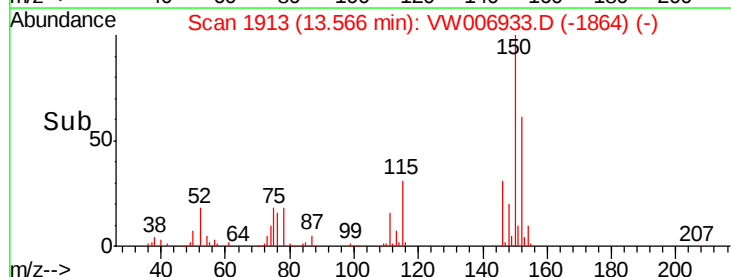
150 182.4 0.0 350.0

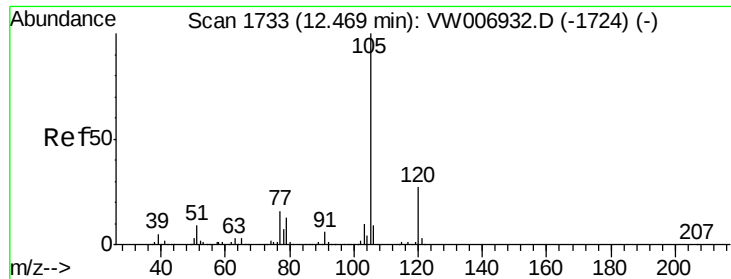


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 73.774 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

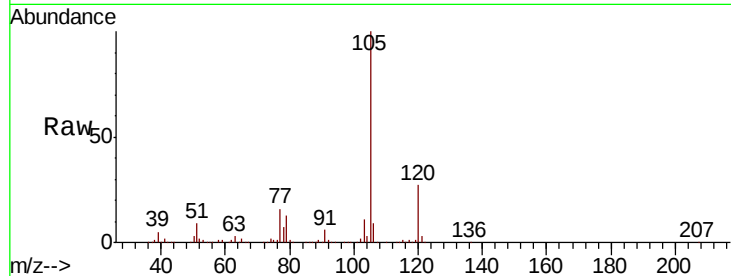
VSTDIC075

Tgt Ion:105 Resp: 429514

Ion Ratio Lower Upper

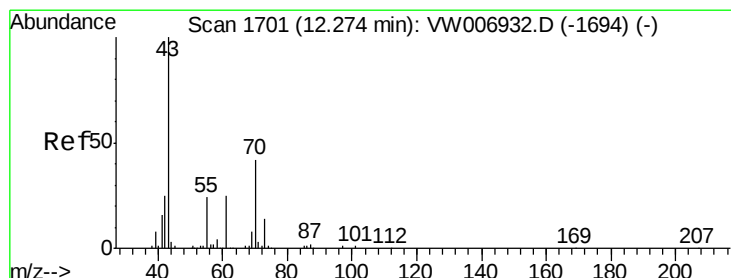
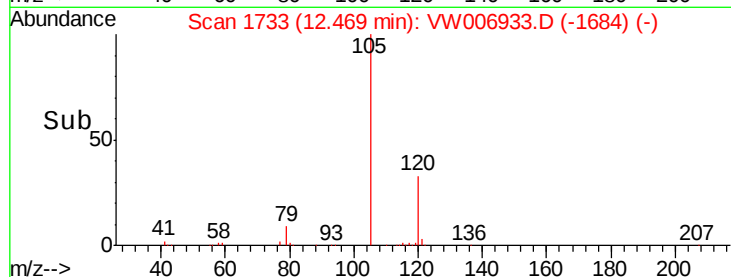
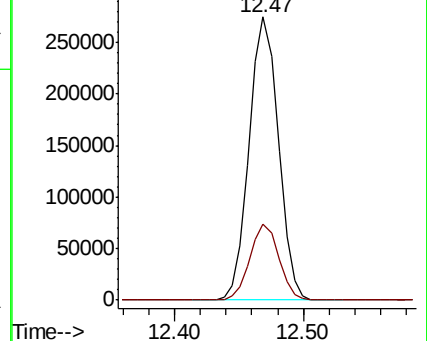
105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 94.994 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Tgt Ion: 43 Resp: 88685

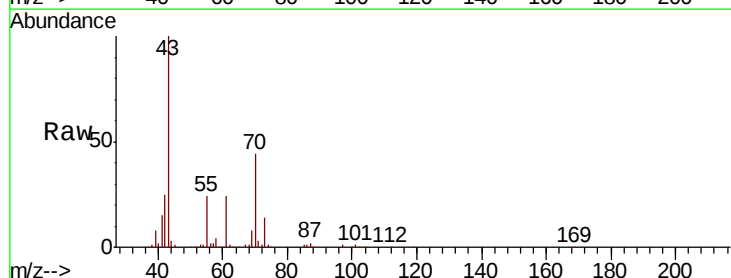
Ion Ratio Lower Upper

43 100

70 42.1 34.2 51.4

55 23.6 19.5 29.3

61 23.4 19.7 29.5

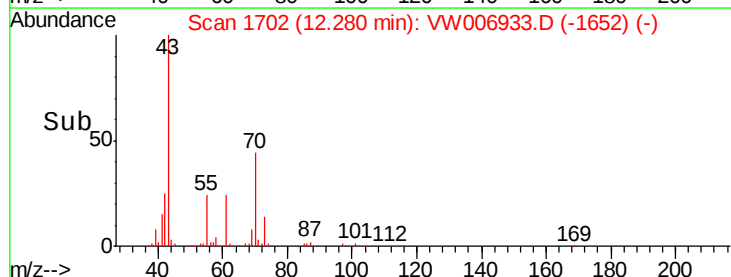
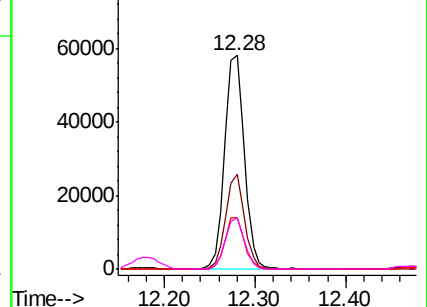


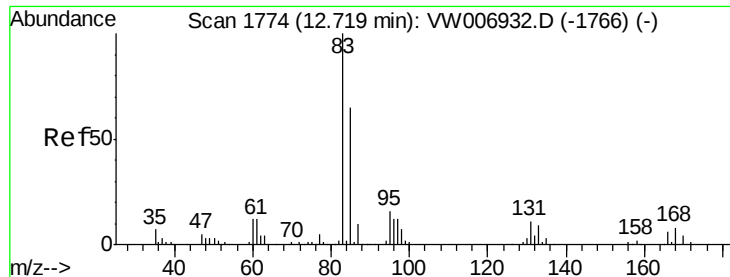
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 76.781 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

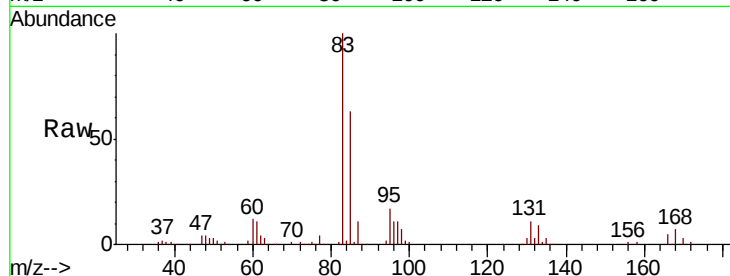
Tgt Ion: 83 Resp: 62383

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

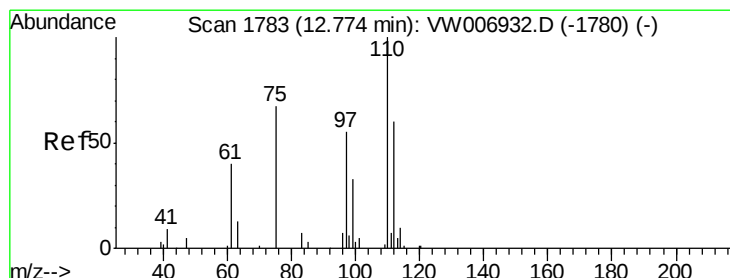
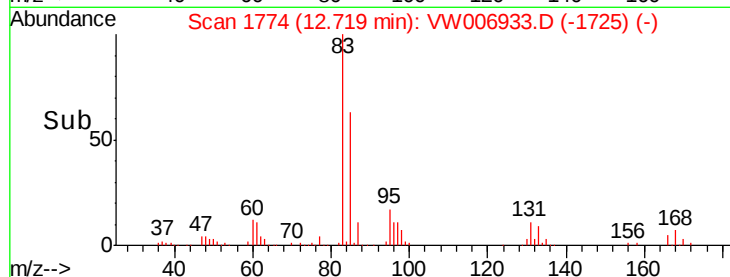
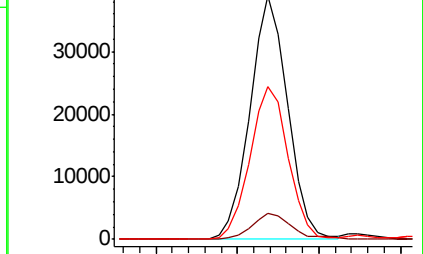
85 63.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 138.309 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006933.D

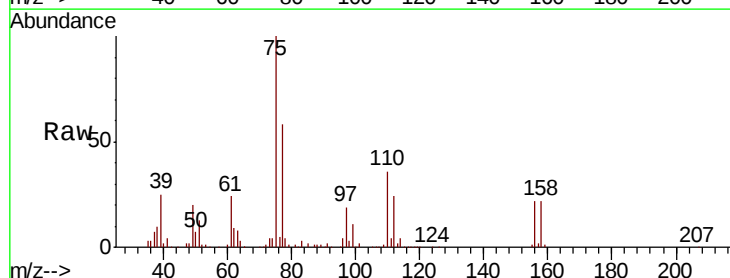
Acq: 17 Nov 2018 00:35

Tgt Ion: 75 Resp: 85766

Ion Ratio Lower Upper

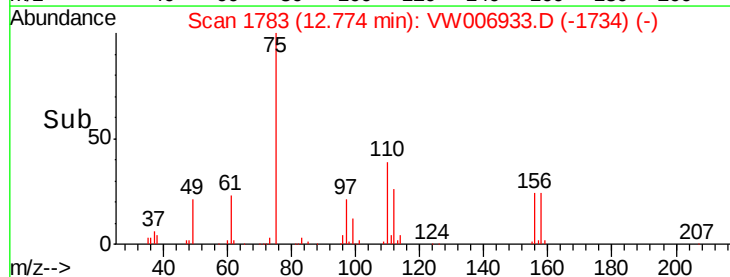
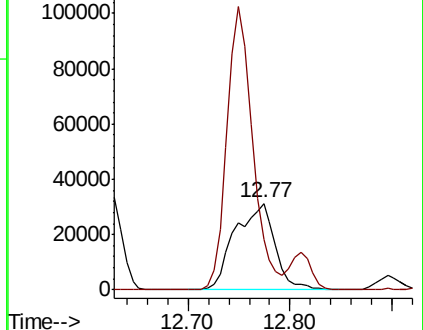
75 100

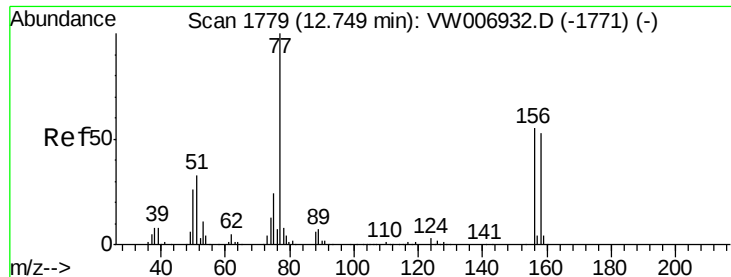
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 63.903 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

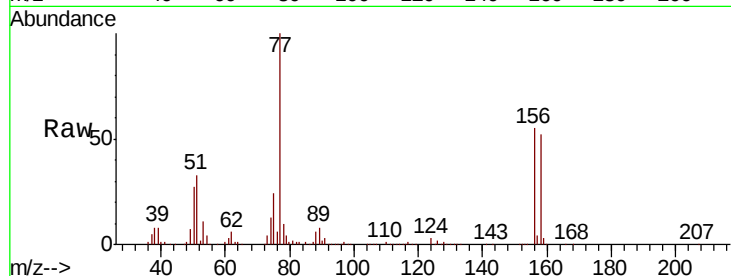
Tgt Ion:156 Resp: 91516

Ion Ratio Lower Upper

156 100

77 196.8 97.8 293.3

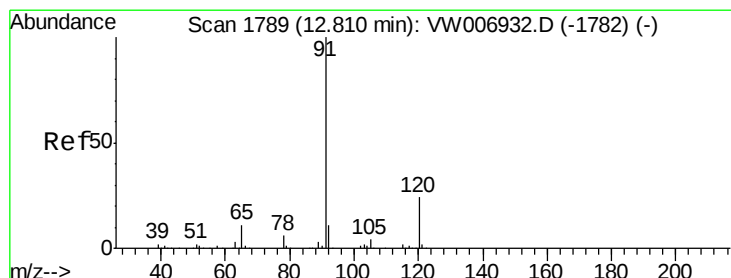
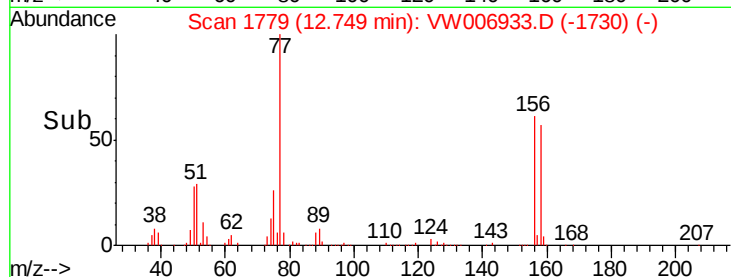
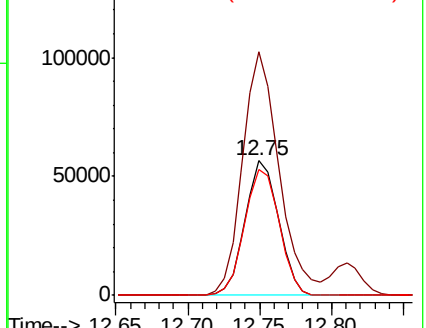
158 96.4 47.9 143.7



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: 74.882 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006933.D

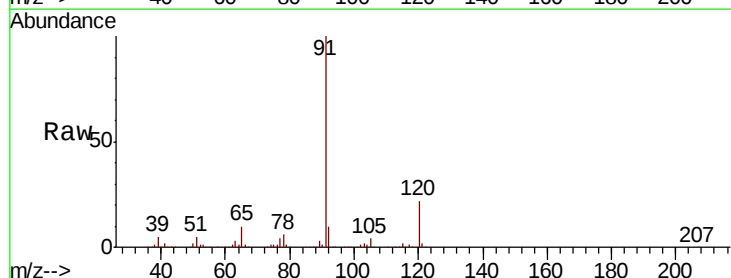
Acq: 17 Nov 2018 00:35

Tgt Ion: 91 Resp: 516041

Ion Ratio Lower Upper

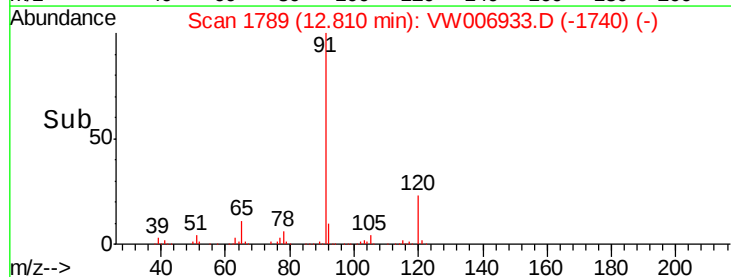
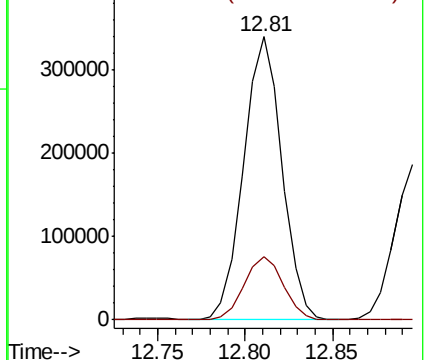
91 100

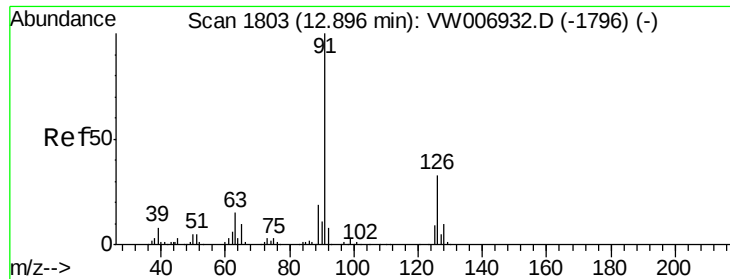
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

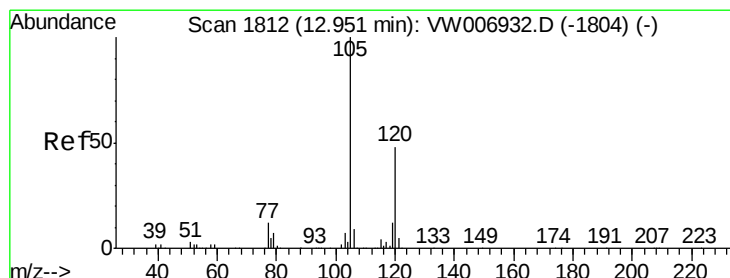
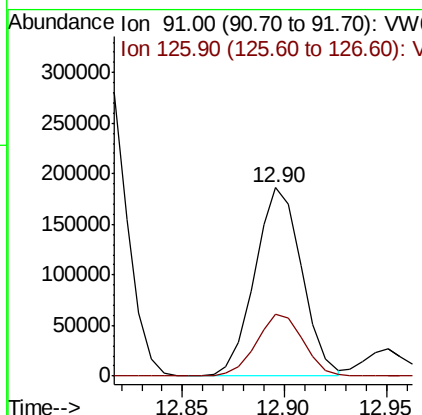
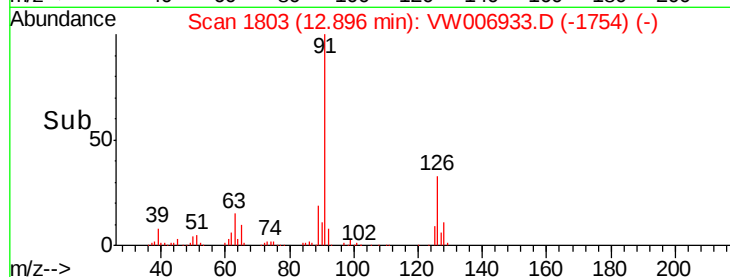
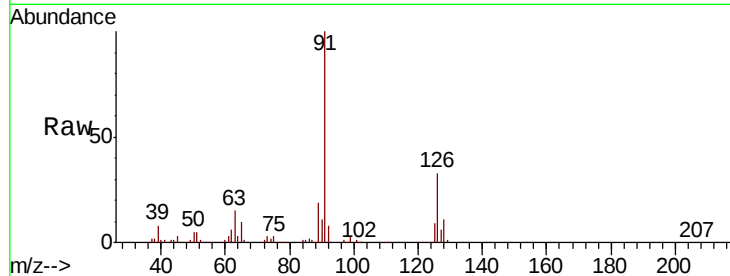




#79
 2-Chlorotoluene
 Concen: 76.759 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

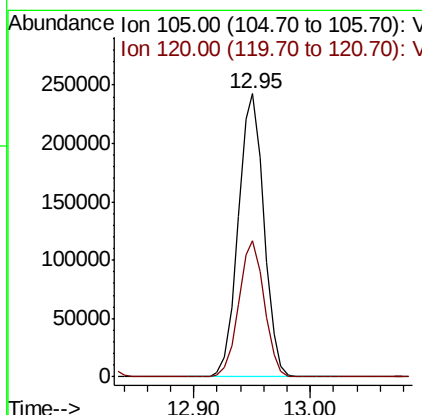
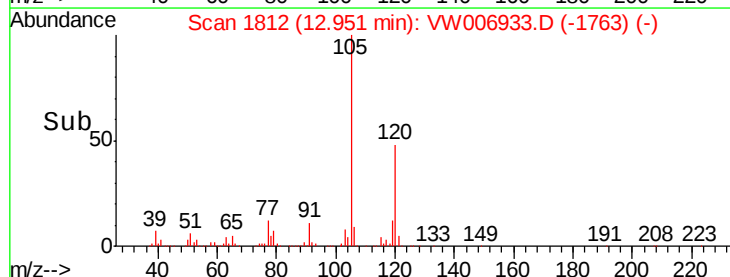
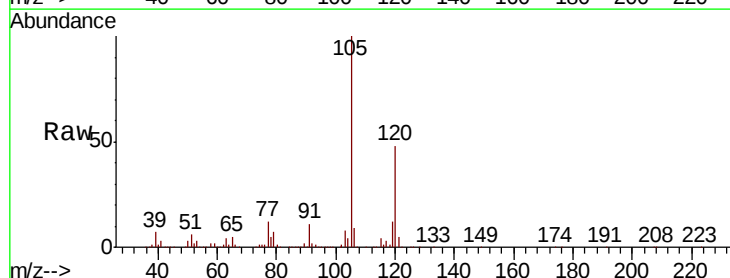
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

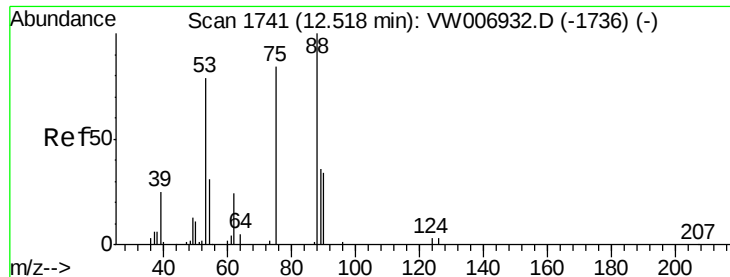
Tgt Ion: 91 Resp: 299046
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 74.448 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion: 105 Resp: 372380
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.5

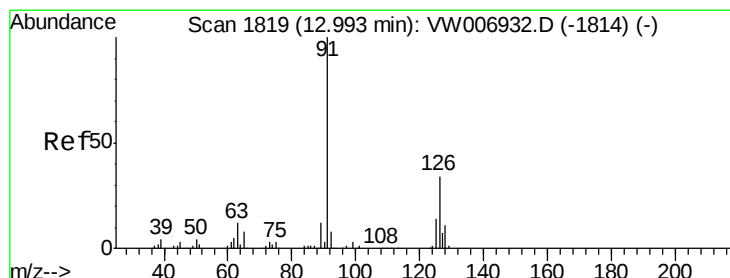
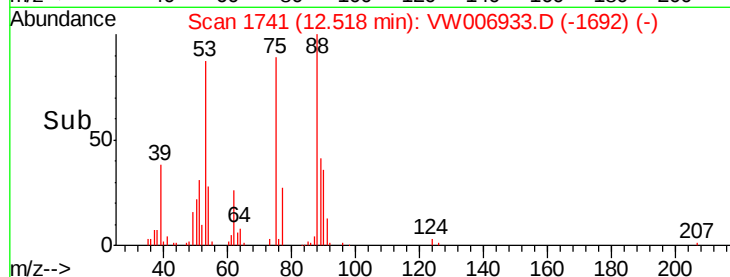
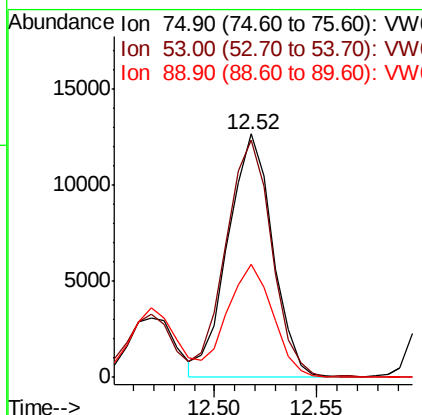
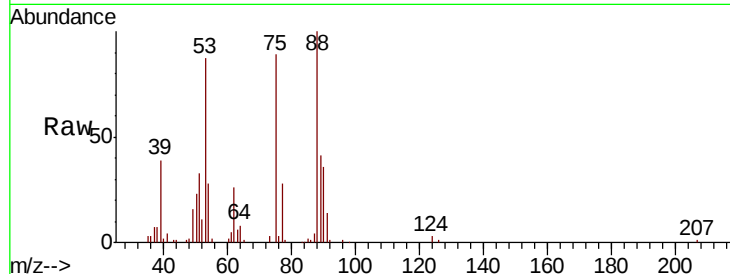




#81
trans-1,4-Dichloro-2-butene
Concen: 77.601 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

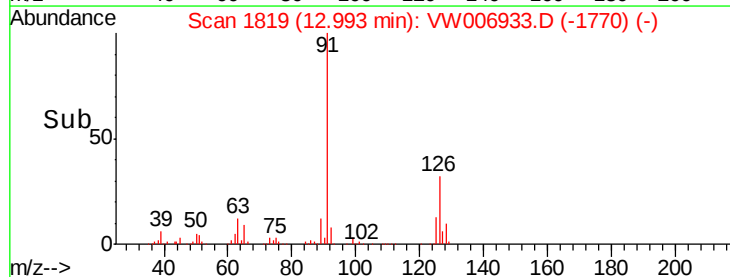
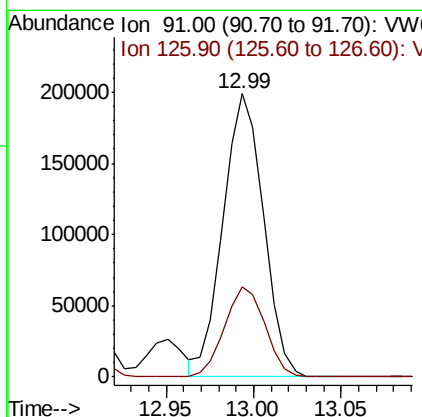
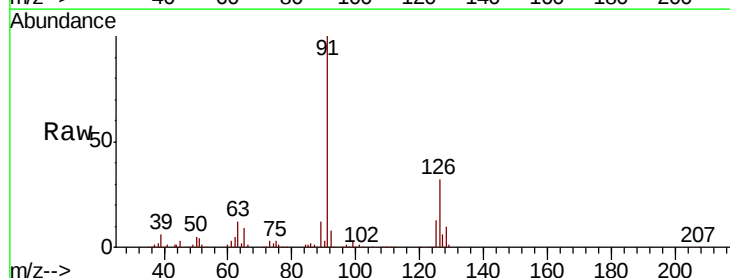
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

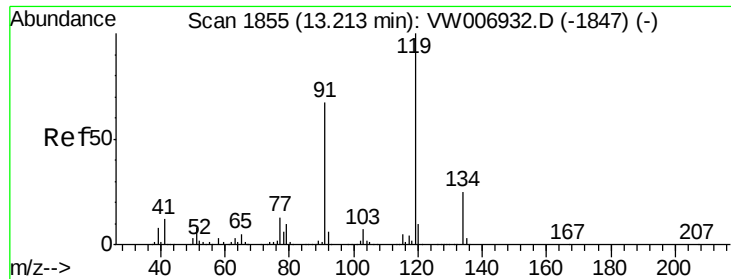
Tgt Ion: 75 Resp: 19243
Ion Ratio Lower Upper
75 100
53 100.7 79.3 118.9
89 46.9 39.5 59.3



#82
4-Chlorotoluene
Concen: 76.739 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion: 91 Resp: 318648
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6

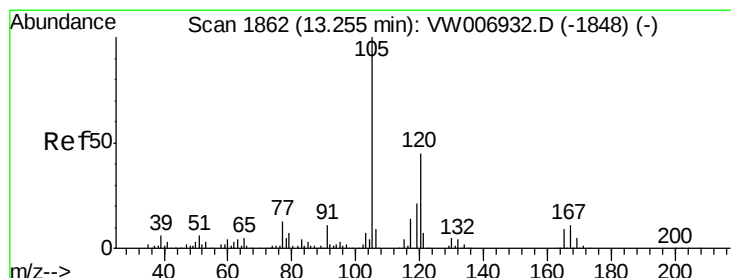
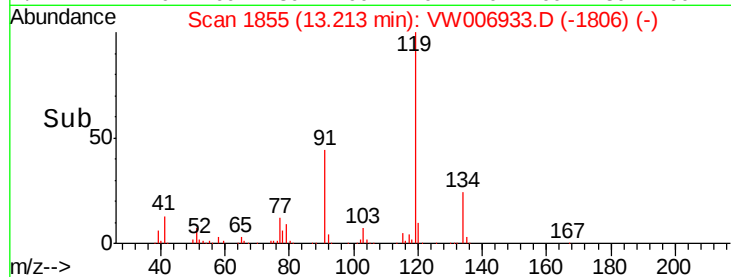
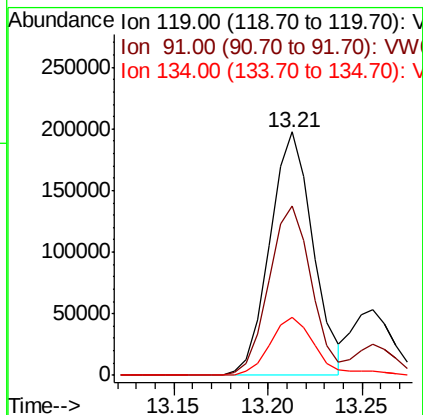
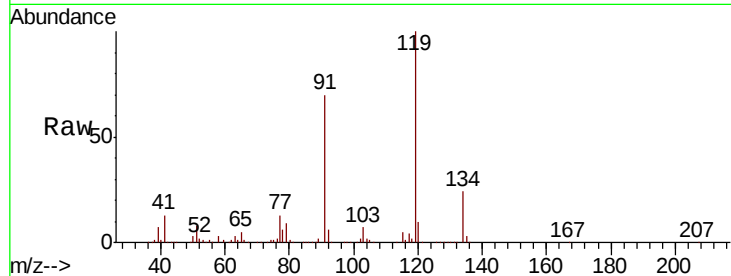




#83
 tert-Butylbenzene
 Concen: 71.467 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

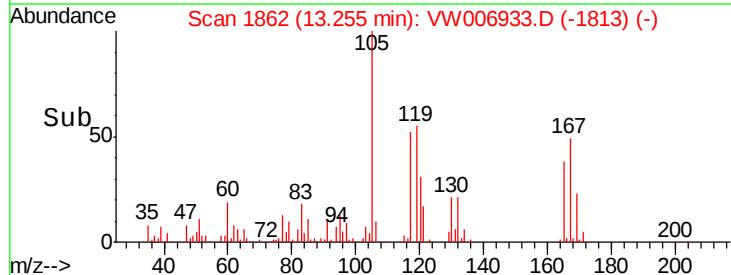
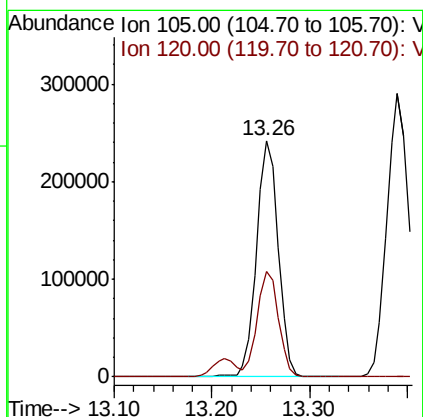
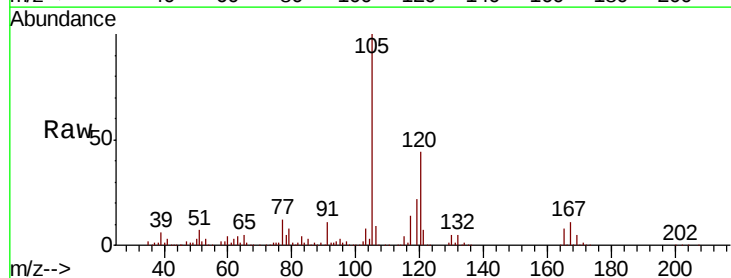
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

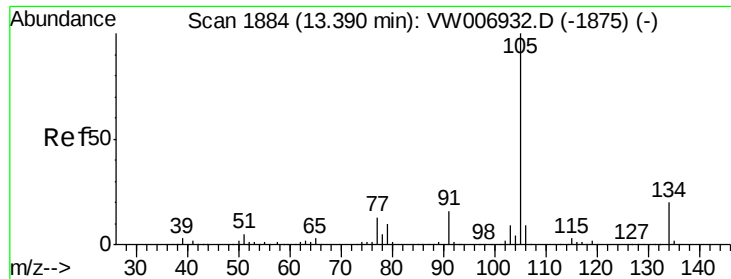
Tgt Ion:119 Resp: 313531
 Ion Ratio Lower Upper
 119 100
 91 68.7 33.8 101.4
 134 25.6 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 73.856 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion:105 Resp: 375421
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.8

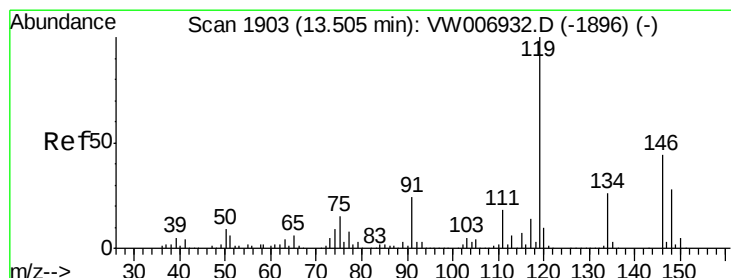
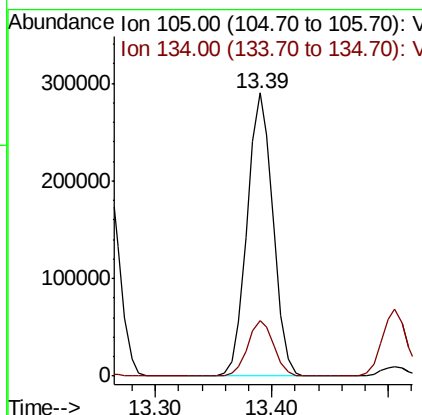
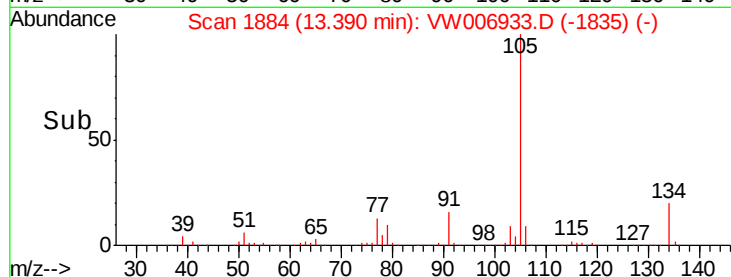
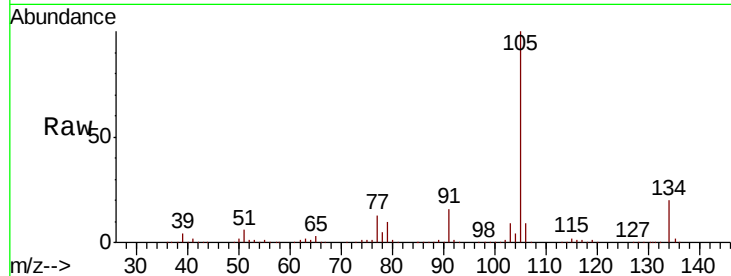




#85
 sec-Butylbenzene
 Concen: 72.120 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

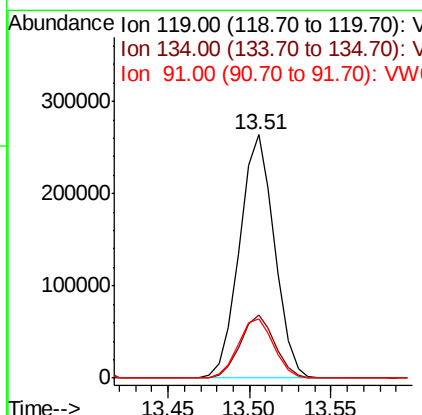
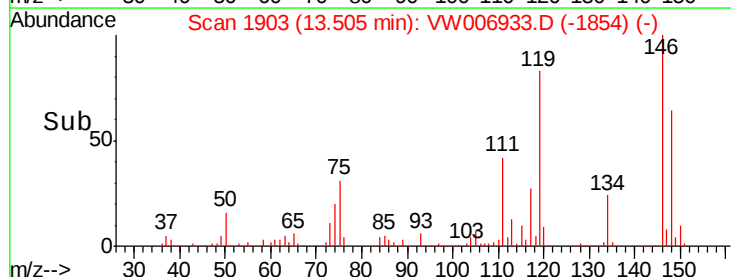
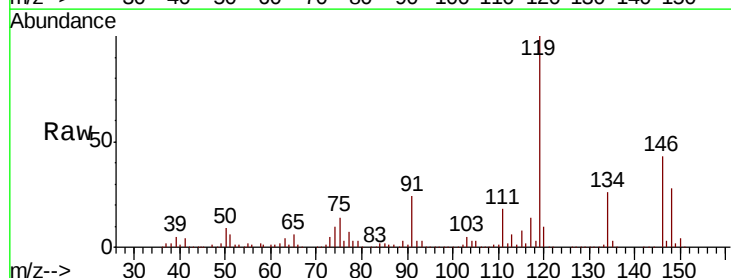
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

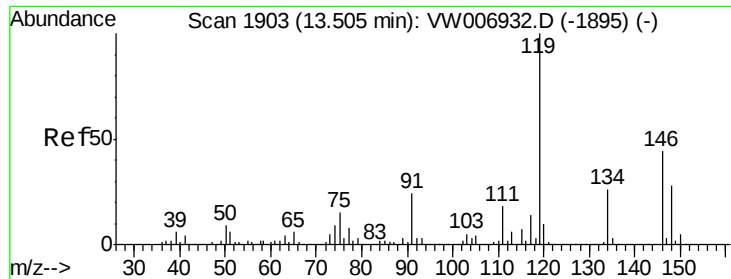
Tgt Ion:105 Resp: 449148
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 70.000 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion:119 Resp: 393620
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 24.8 12.4 37.2

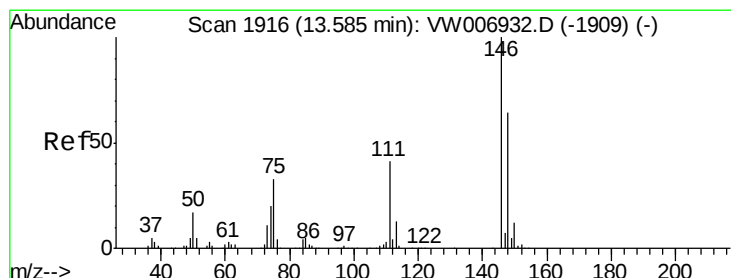
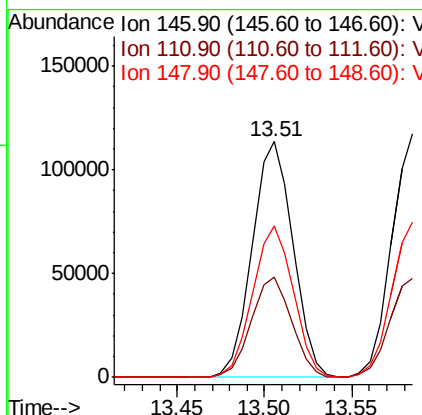
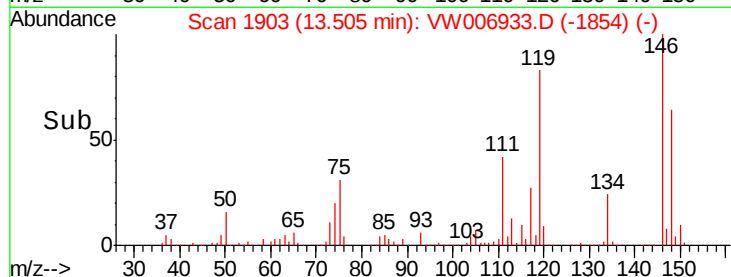
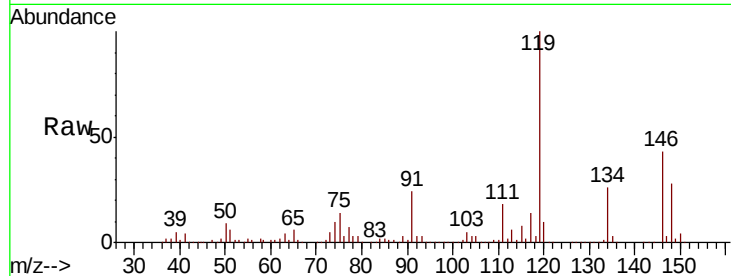




#87
 1,3-Dichlorobenzene
 Concen: 63.400 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

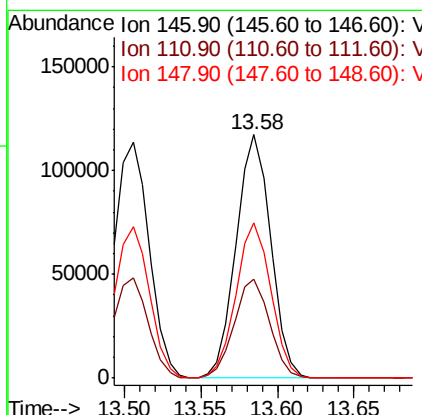
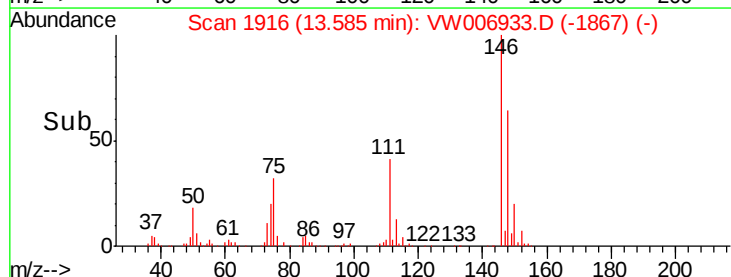
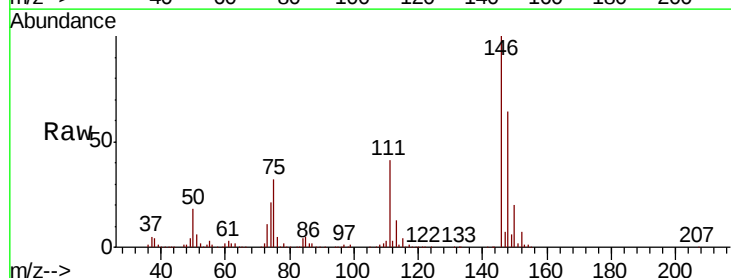
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

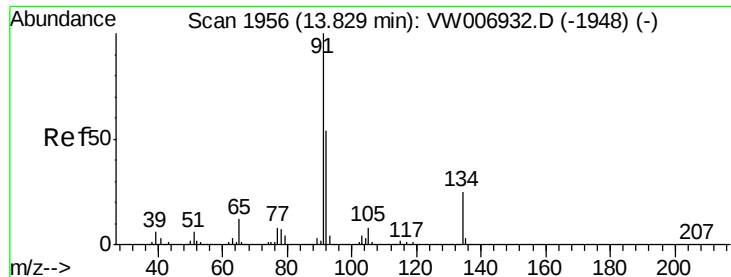
Tgt Ion:146 Resp: 184363
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.9
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 64.070 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion:146 Resp: 184549
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.7 62.1
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 72.817 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

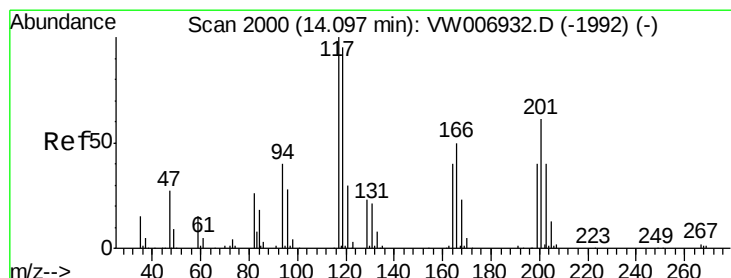
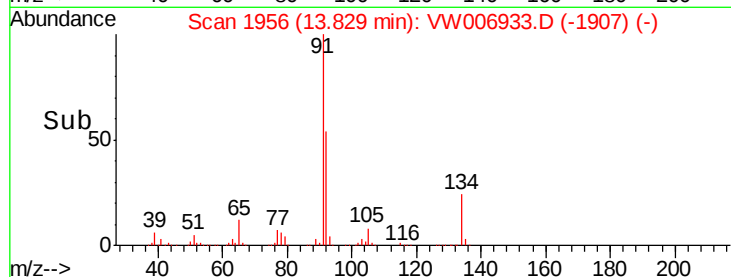
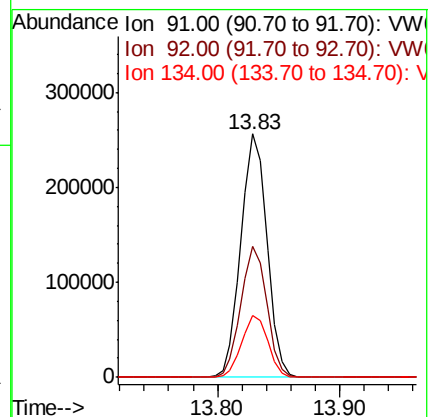
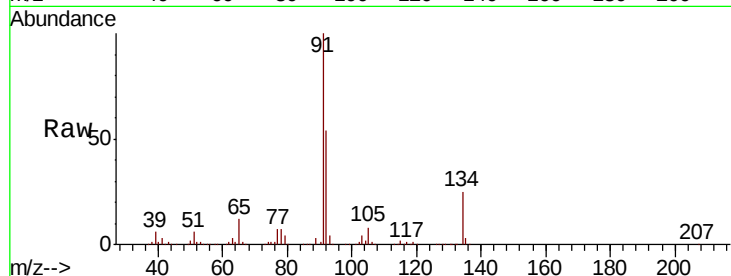
Tgt Ion: 91 Resp: 377431

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.2

134 25.6 12.9 38.6



#90

Hexachloroethane

Concen: 71.165 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006933.D

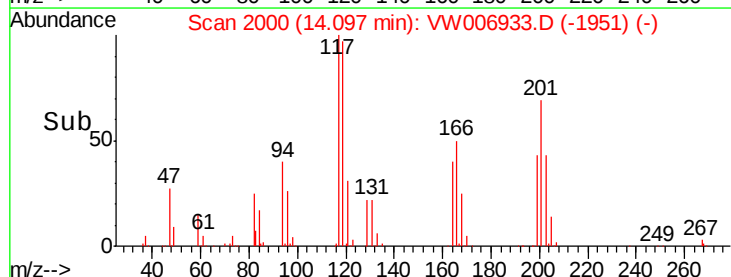
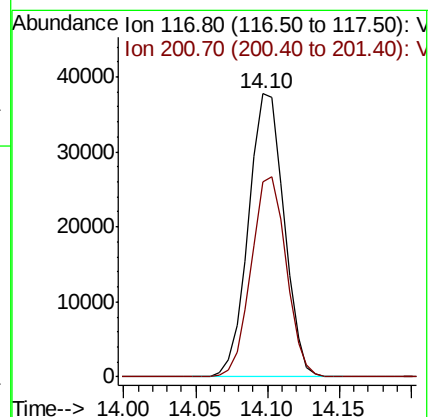
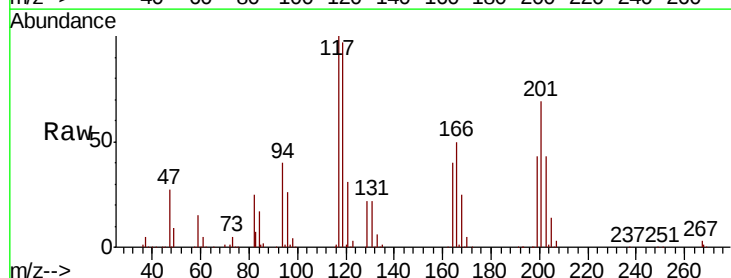
Acq: 17 Nov 2018 00:35

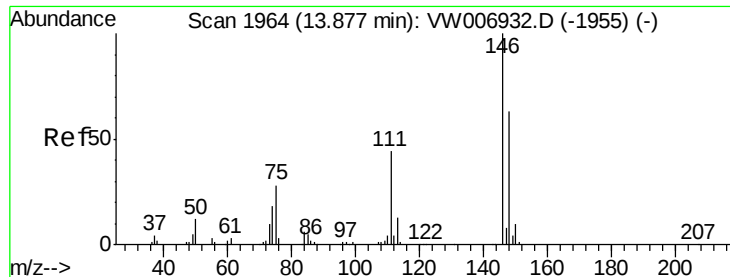
Tgt Ion: 117 Resp: 64372

Ion Ratio Lower Upper

117 100

201 69.7 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 64.431 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

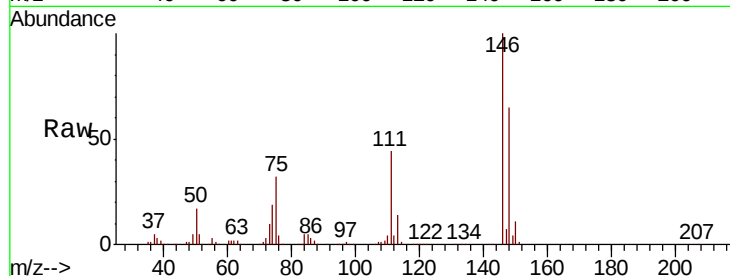
Tgt Ion:146 Resp: 163863

Ion Ratio Lower Upper

146 100

111 44.5 22.6 67.7

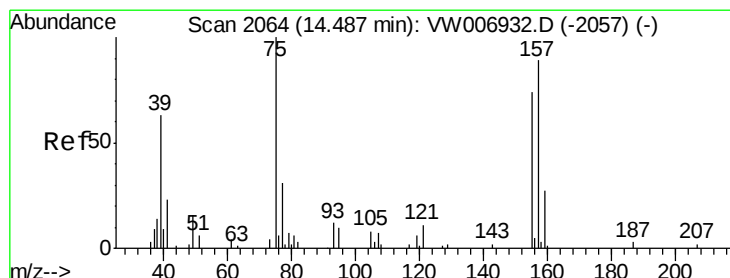
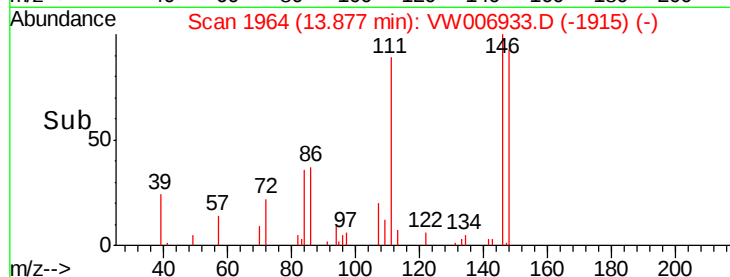
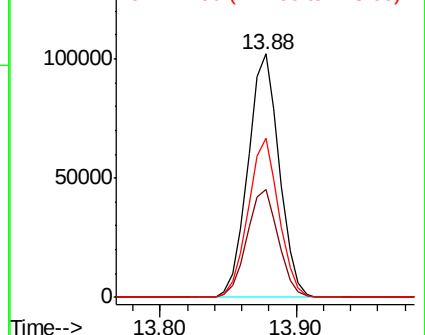
148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 83.085 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW006933.D

Acq: 17 Nov 2018 00:35

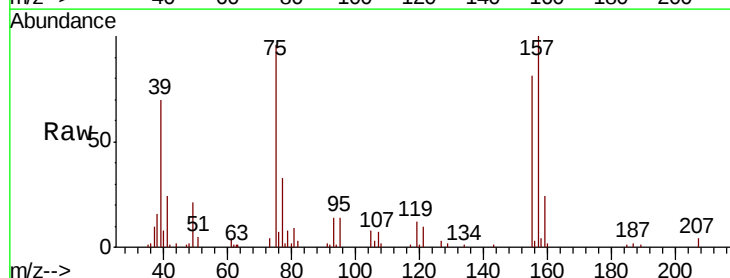
Tgt Ion: 75 Resp: 11104

Ion Ratio Lower Upper

75 100

155 80.6 38.6 115.7

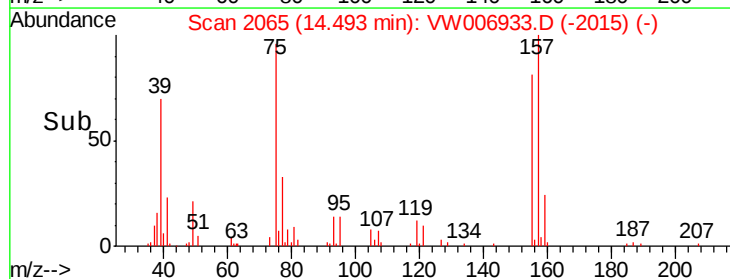
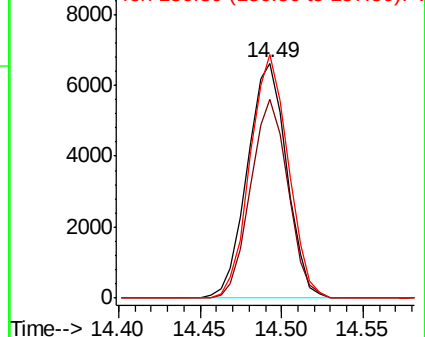
157 100.5 49.7 149.1

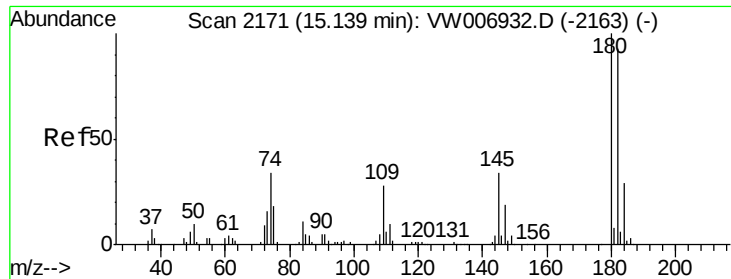


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

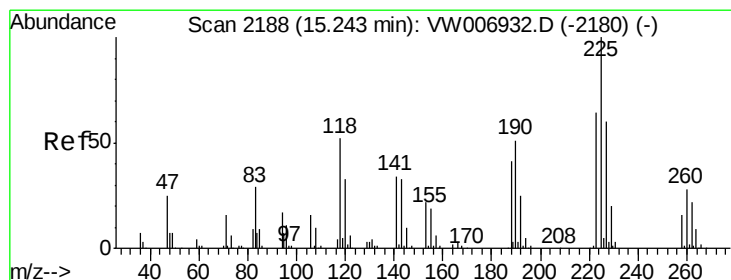
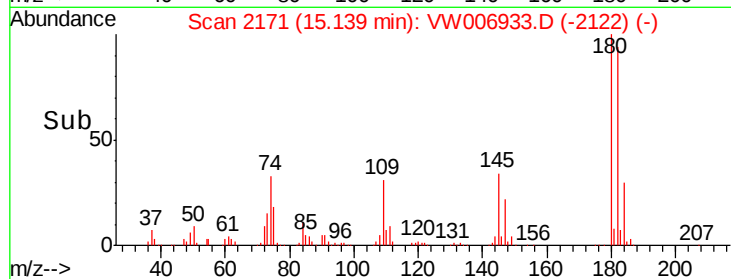
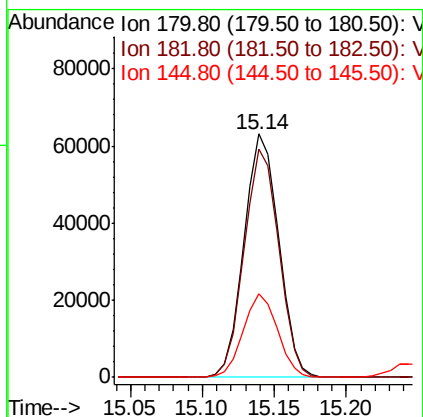
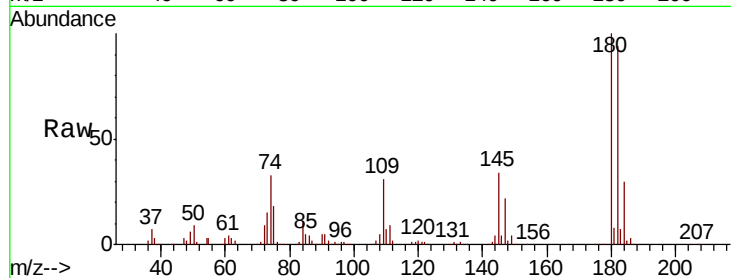




#93
 1,2,4-Trichlorobenzene
 Concen: 56.208 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

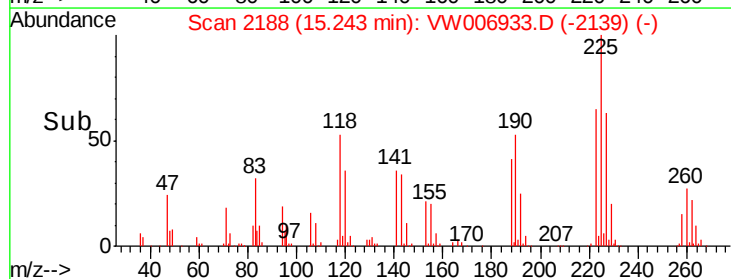
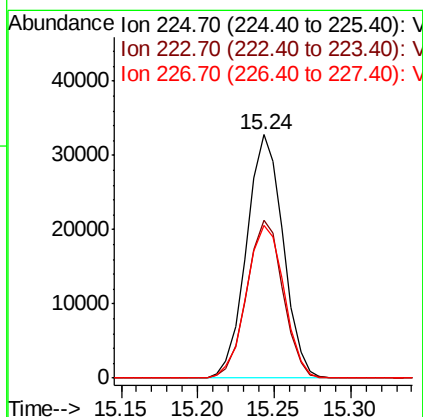
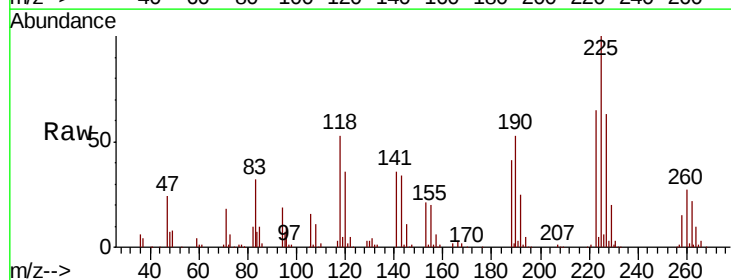
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

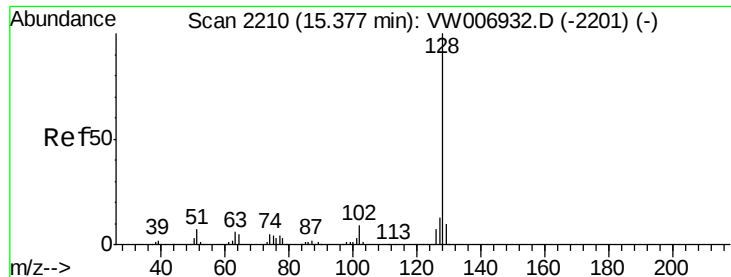
Tgt Ion:180 Resp: 105089
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 141.9
 145 34.0 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 47.273 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006933.D
 Acq: 17 Nov 2018 00:35

Tgt Ion:225 Resp: 54547
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.1 96.3
 227 64.8 31.6 95.0

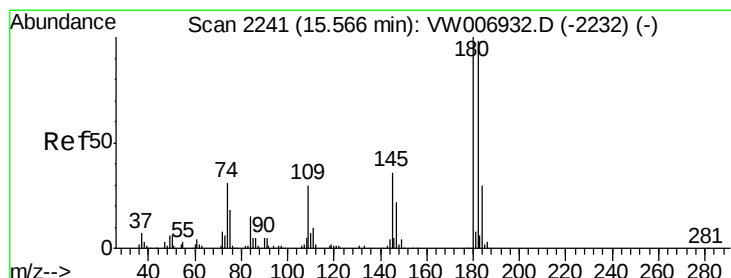
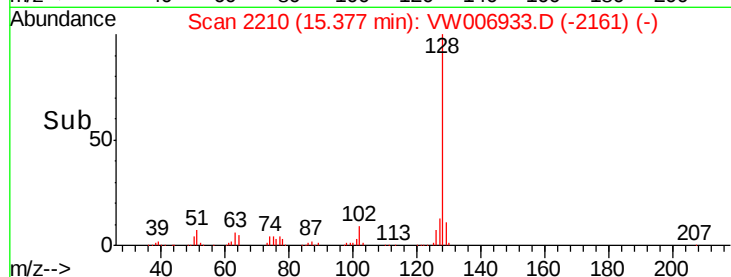
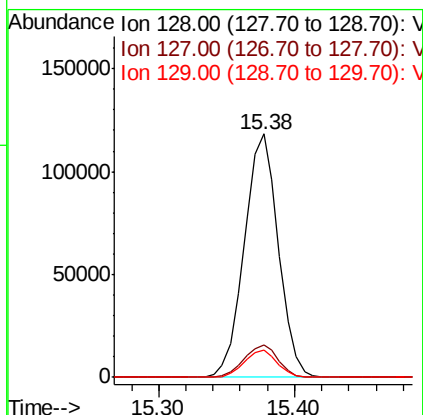
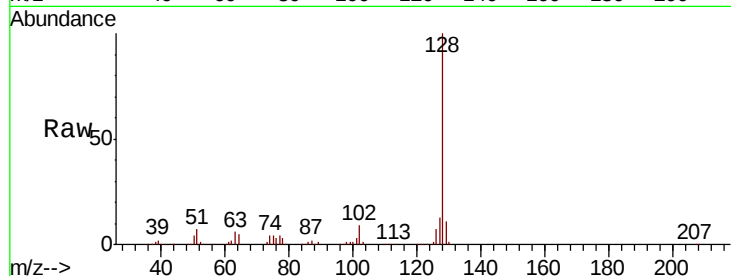




#95
Naphthalene
Concen: 70.961 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.0	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 55.502 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006933.D
Acq: 17 Nov 2018 00:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	35.8	17.6	52.9

