

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008086.D
 Acq On : 08 Jan 2019 15:36
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 09 03:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61184	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	10028	11.55	ug/l	0.00
Spiked Amount			Recovery	=	23.10%	
35) Dibromofluoromethane	7.88	113	8412	9.53	ug/l	0.00
Spiked Amount			Recovery	=	19.06%	
50) Toluene-d8	10.32	98	36800	10.87	ug/l	0.00
Spiked Amount			Recovery	=	21.74%	
62) 4-Bromofluorobenzene	12.62	95	13596	10.59	ug/l	0.00
Spiked Amount			Recovery	=	21.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	7032	10.218	ug/l	88
3) Chloromethane	2.21	50	9295	16.294	ug/l	93
4) Vinyl Chloride	2.37	62	11758	15.846	ug/l	100
5) Bromomethane	2.79	94	8298	17.204	ug/l	99
6) Chloroethane	2.93	64	8030	19.484	ug/l	97
7) Trichlorofluoromethane	3.26	101	9101	12.734	ug/l	97
8) Diethyl Ether	3.68	74	5377	14.349	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9447	11.564	ug/l	93
10) Methyl Iodide	4.27	142	13031	10.029	ug/l	97
11) Tert butyl alcohol	5.21	59	940	16.511	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	9096	11.509	ug/l	92
13) Acrolein	3.89	56	2643	62.788	ug/l	97
14) Allyl chloride	4.67	41	16172	14.248	ug/l	96
15) Acrylonitrile	5.38	53	10337	75.054	ug/l	98
16) Acetone	4.15	43	10972	79.391	ug/l	93
17) Carbon Disulfide	4.37	76	26960	11.147	ug/l	100
18) Methyl Acetate	4.68	43	5420	14.316	ug/l #	76
19) Methyl tert-butyl Ether	5.43	73	15504	12.450	ug/l	95
20) Methylene Chloride	4.91	84	11752	12.673	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	10083	11.736	ug/l	95
22) Diisopropyl ether	6.31	45	31408	15.291	ug/l	96
23) Vinyl Acetate	6.26	43	81092	71.474	ug/l	99
24) 1,1-Dichloroethane	6.21	63	18512	12.766	ug/l	99
25) 2-Butanone	7.18	43	13239	78.429	ug/l	91
26) 2,2-Dichloropropane	7.16	77	13270	11.479	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	11009	11.998	ug/l	98
28) Bromochloromethane	7.51	49	7484	15.184	ug/l	99
29) Tetrahydrofuran	7.54	42	9126	85.023	ug/l	98
30) Chloroform	7.68	83	17758	11.201	ug/l	94
31) Cyclohexane	7.96	56	19755	14.187	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	15249	10.236	ug/l	98
36) 1,1-Dichloropropene	8.08	75	14712	10.557	ug/l	98
37) Ethyl Acetate	7.26	43	5909	13.297	ug/l #	91
38) Carbon Tetrachloride	8.07	117	13533	8.435	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18781	10.754	ug/l	97
40) Benzene	8.32	78	41032	11.075	ug/l	94
41) Methacrylonitrile	7.49	41	3984	15.631	ug/l	90
42) 1,2-Dichloroethane	8.40	62	11759	9.799	ug/l	99
43) Isopropyl Acetate	8.42	43	12469	14.197	ug/l	97
44) Trichloroethene	9.10	130	10292	9.662	ug/l	93
45) 1,2-Dichloropropane	9.37	63	10177	12.384	ug/l	96
46) Dibromomethane	9.46	93	5017	10.804	ug/l	97
47) Bromodichloromethane	9.64	83	12404	9.621	ug/l	97
48) Methyl methacrylate	9.44	41	5705	12.860	ug/l	97
49) 1,4-Dioxane	9.46	88	1576	226.654	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	30336	73.597	ug/l	97
52) Toluene	10.39	92	25825	10.574	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	12857	10.239	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	15119	10.690	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	7413	11.757	ug/l	97
56) Ethyl methacrylate	10.65	69	7864	10.753	ug/l	94
57) 1,3-Dichloropropane	10.93	76	13252	12.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	20683	57.917	ug/l	100
59) 2-Hexanone	10.97	43	19518	68.810	ug/l	97
60) Dibromochloromethane	11.13	129	7093	8.411	ug/l	98
61) 1,2-Dibromoethane	11.24	107	6733	10.665	ug/l	96
64) Tetrachloroethene	10.86	164	7916	9.267	ug/l	99
65) Chlorobenzene	11.66	112	27788	10.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	8517	8.869	ug/l	96
67) Ethyl Benzene	11.73	91	50690	10.554	ug/l	99
68) m/p-Xylenes	11.84	106	38352	20.708	ug/l	99
69) o-Xylene	12.17	106	17585	10.209	ug/l	96
70) Styrene	12.18	104	26978	9.633	ug/l	100
71) Bromoform	12.35	173	3591	8.105	ug/l #	91
73) Isopropylbenzene	12.47	105	48713	10.171	ug/l	99
74) N-amyl acetate	12.27	43	10349	12.989	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	8127	12.863	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	10423	21.202	ug/l	28
77) Bromobenzene	12.75	156	10070	9.868	ug/l	99
78) n-propylbenzene	12.81	91	60200	10.721	ug/l	100
79) 2-Chlorotoluene	12.90	91	34320	10.649	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	40224	9.827	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2447	11.694	ug/l	89
82) 4-Chlorotoluene	12.99	91	36320	10.606	ug/l	99
83) tert-Butylbenzene	13.21	119	35632	9.911	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	42387	10.174	ug/l	96
85) sec-Butylbenzene	13.39	105	52175	10.455	ug/l	100
86) p-Isopropyltoluene	13.51	119	44685	9.983	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	20382	9.817	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	21770	10.569	ug/l	97
89) n-Butylbenzene	13.83	91	45059	10.894	ug/l	98
90) Hexachloroethane	14.10	117	7010	9.054	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	18576	10.165	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1320	10.619	ug/l	90

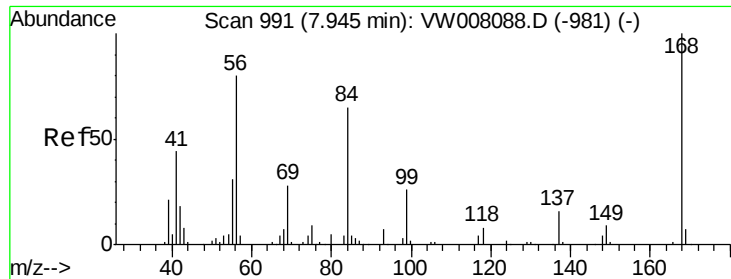
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	11633	9.226	ug/l	98
94) Hexachlorobutadiene	15.24	225	5982	8.277	ug/l	95
95) Naphthalene	15.37	128	21742	9.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	10087	9.615	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

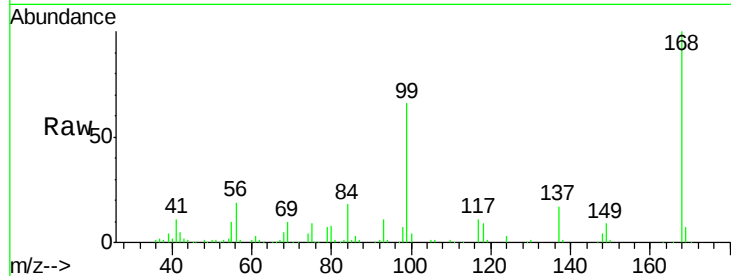
VSTDIC010

Tot Ion:168 Resp: 77928

Ion Ratio Lower Upper

168 100

99 65.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

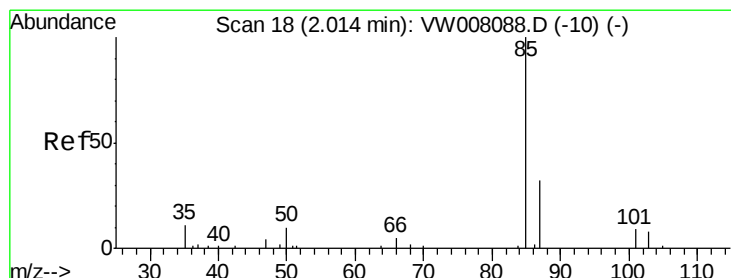
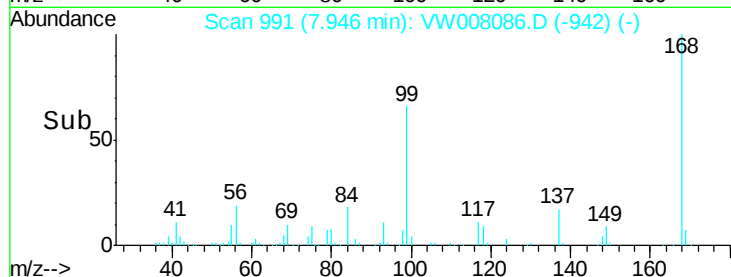
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 10.218 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008086.D

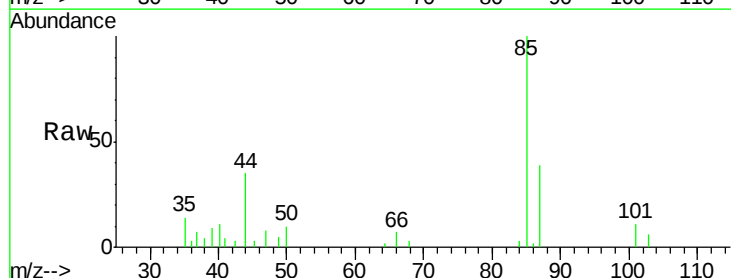
Acq: 08 Jan 2019 15:36

Tgt Ion: 85 Resp: 7032

Ion Ratio Lower Upper

85 100

87 39.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

2500

2000

1500

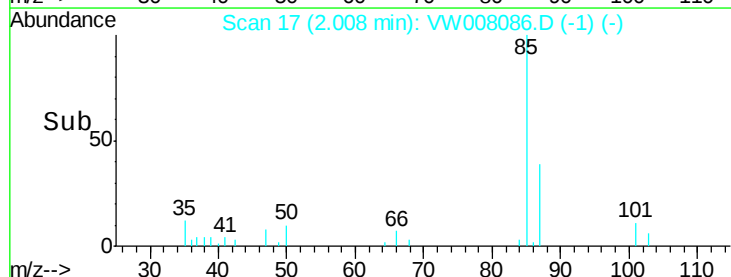
1000

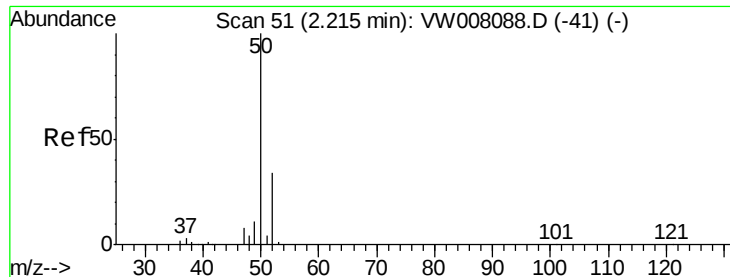
500

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 16.294 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampled :

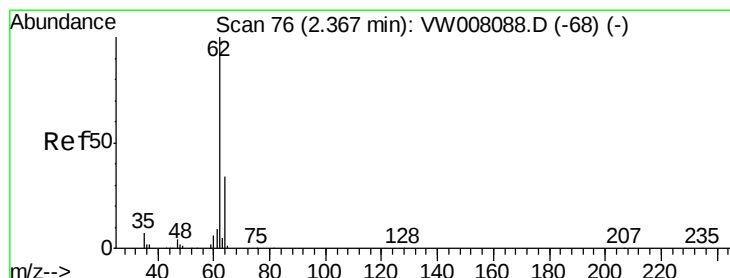
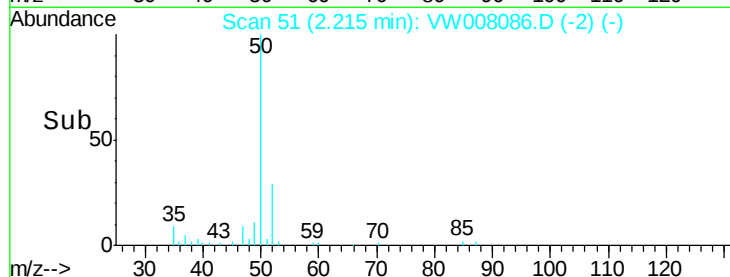
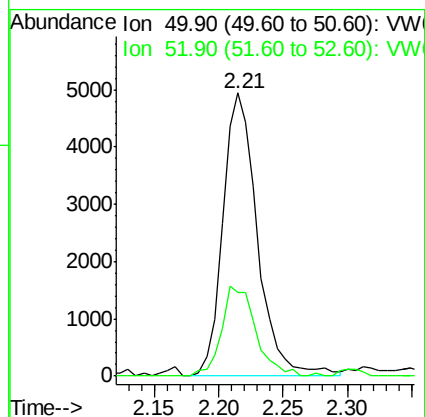
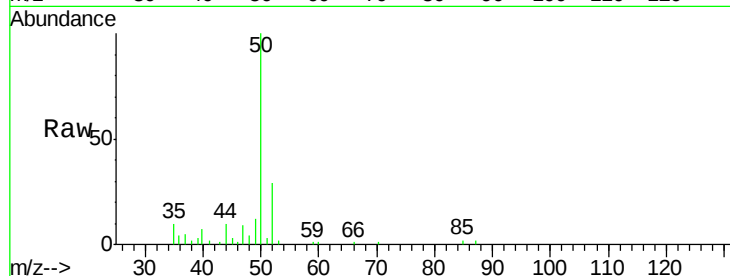
VSTDIC010

Tot Ion: 50 Resp: 9295

Ion Ratio Lower Upper

50 100

52 29.4 26.8 40.2



#4

Vinyl Chloride

Concen: 15.846 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008086.D

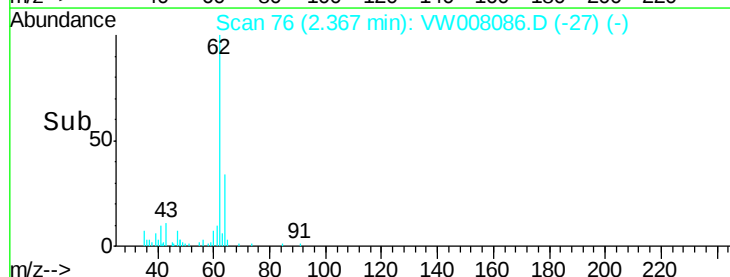
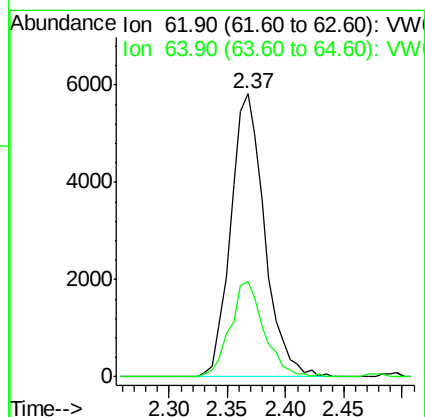
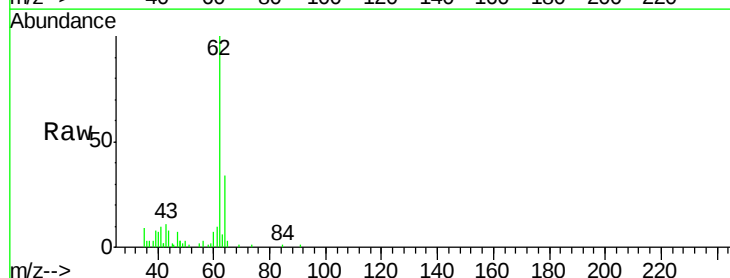
Acq: 08 Jan 2019 15:36

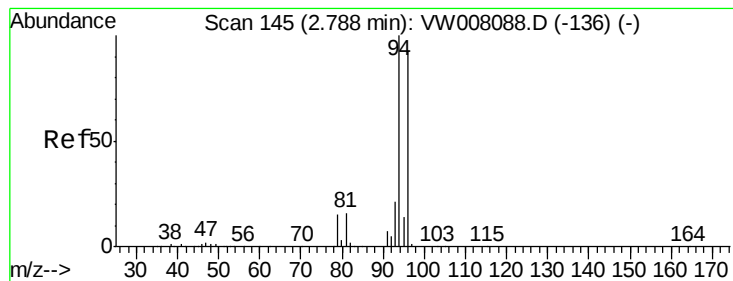
Tgt Ion: 62 Resp: 11758

Ion Ratio Lower Upper

62 100

64 33.8 27.0 40.6





#5

Bromomethane

Concen: 17.204 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

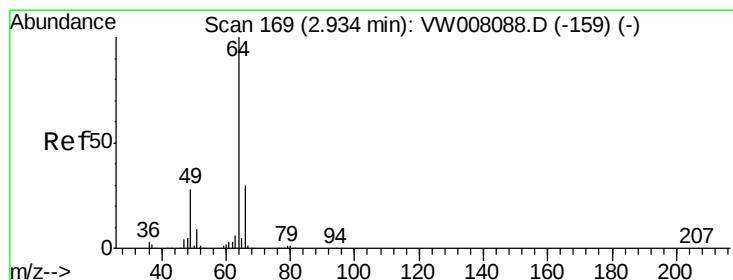
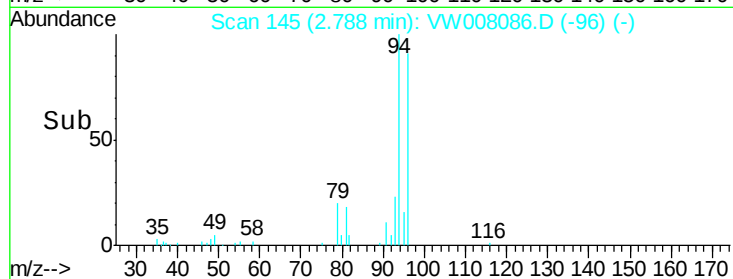
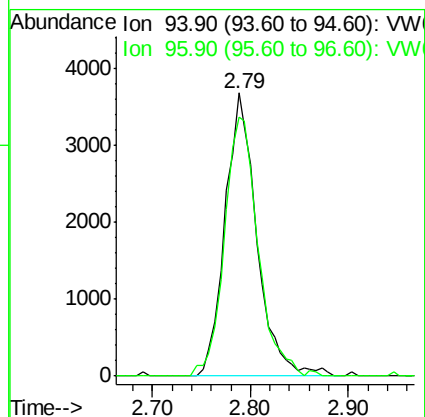
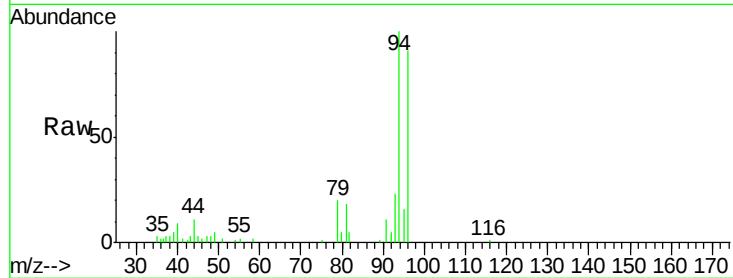
VSTDIC010

Tot Ion: 94 Resp: 8298

Ion Ratio Lower Upper

94 100

96 91.5 74.1 111.1



#6

Chloroethane

Concen: 19.484 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008086.D

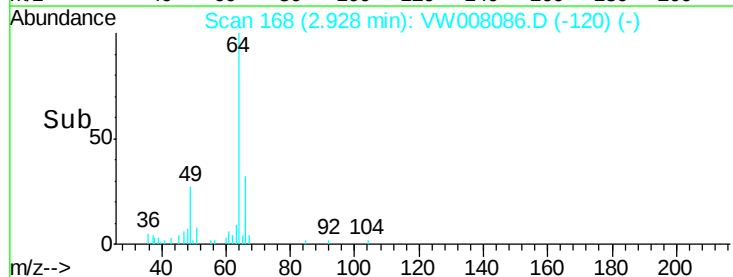
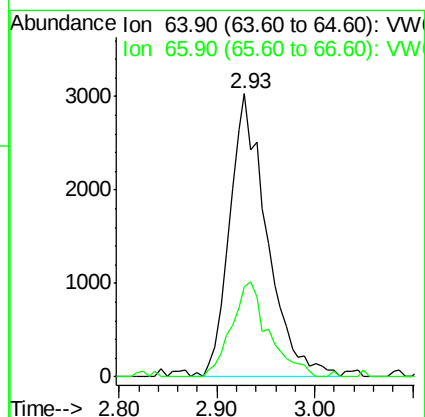
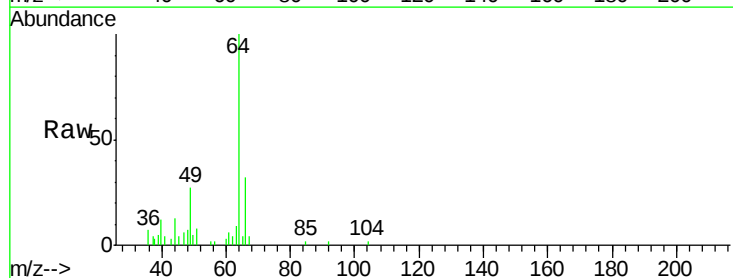
Acq: 08 Jan 2019 15:36

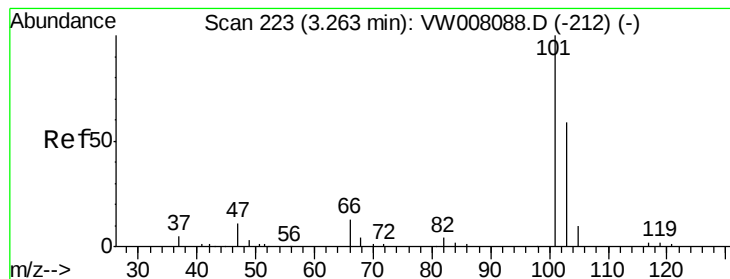
Tgt Ion: 64 Resp: 8030

Ion Ratio Lower Upper

64 100

66 32.0 24.2 36.2



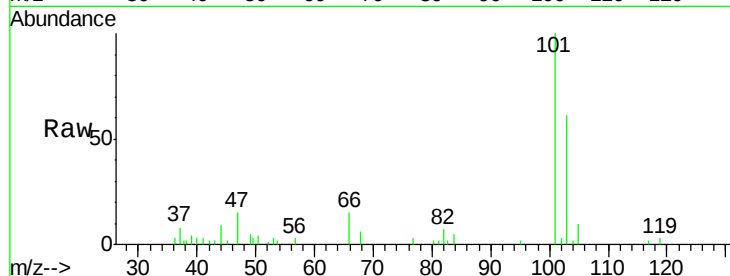


#7

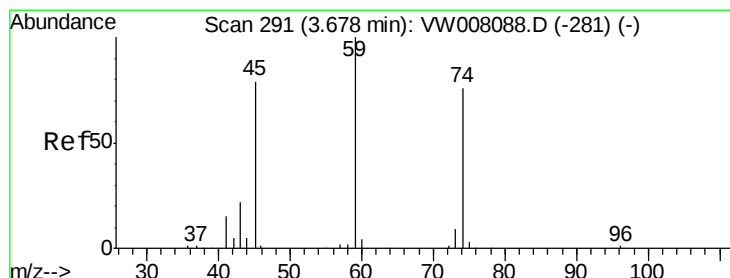
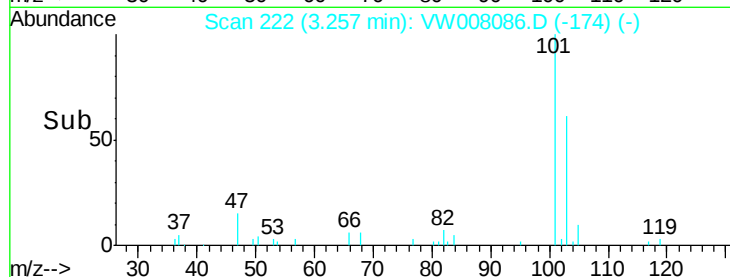
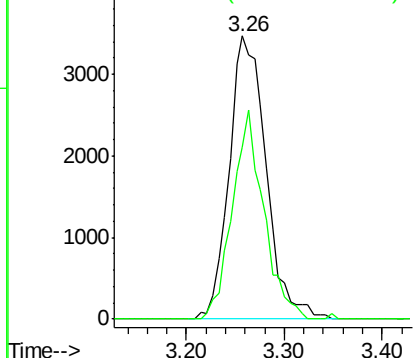
Trichlorofluoromethane
 Concen: 12.734 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:101 Resp: 9101
 Ion Ratio Lower Upper
 101 100
 103 60.7 47.0 70.6



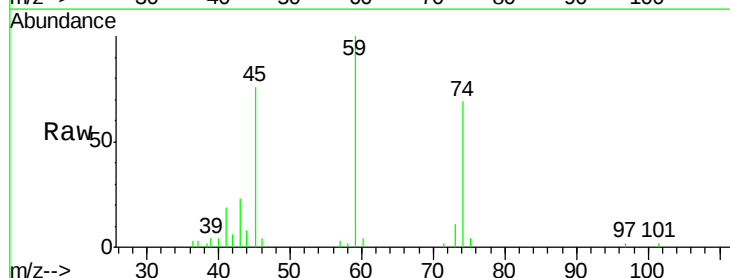
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



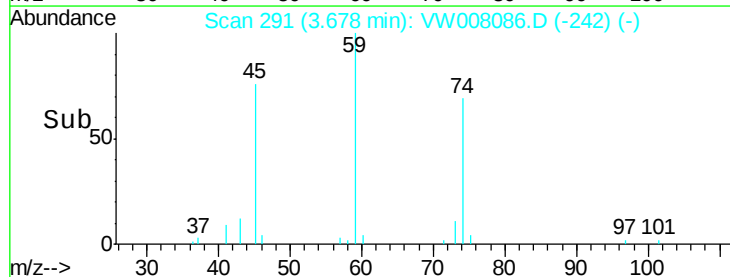
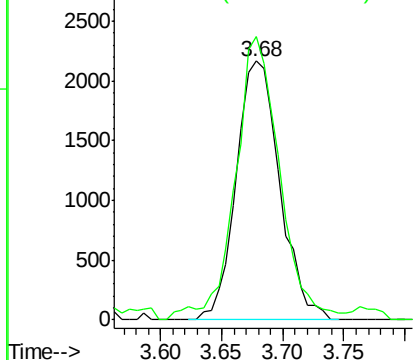
#8

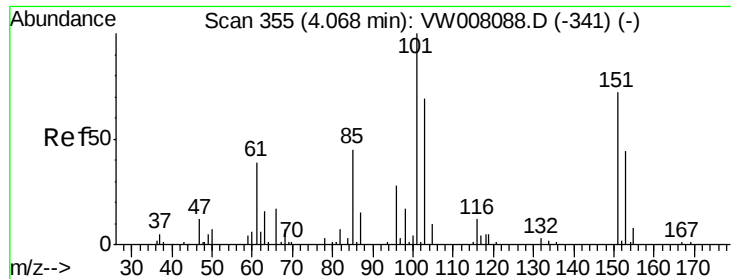
Diethyl Ether
 Concen: 14.349 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 74 Resp: 5377
 Ion Ratio Lower Upper
 74 100
 45 110.7 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.564 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

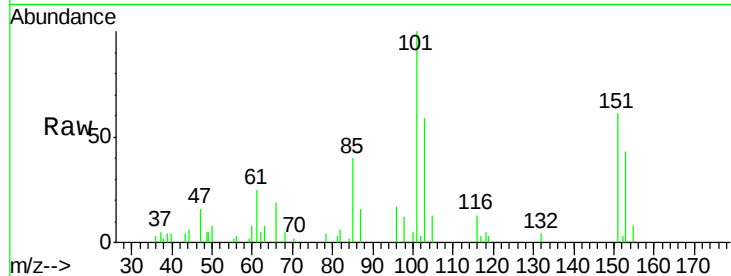
Tot Ion:101 Resp: 9447

Ion Ratio Lower Upper

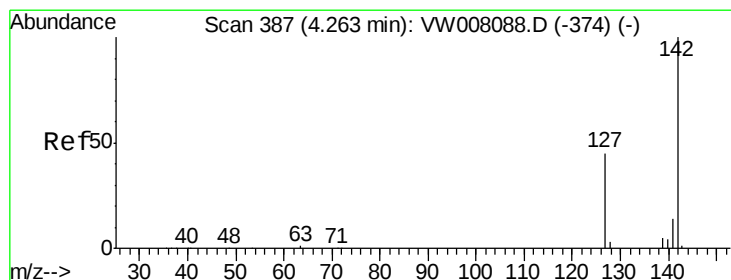
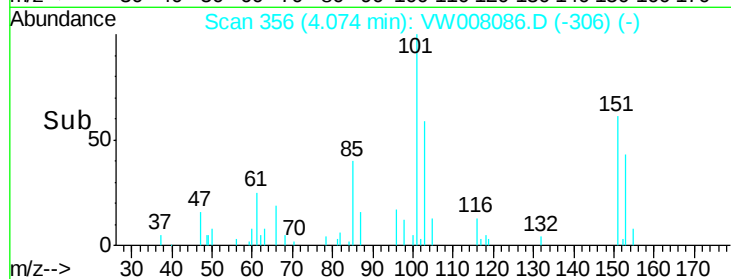
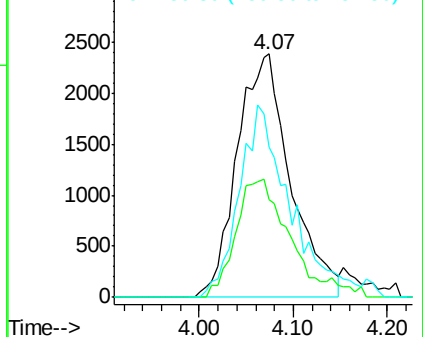
101 100

85 49.5 35.9 53.9

151 75.2 55.8 83.8



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: 10.029 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

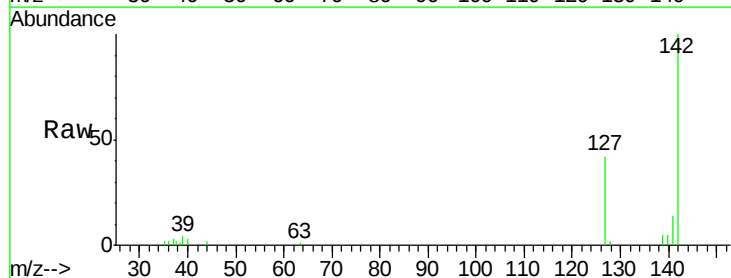
Tgt Ion:142 Resp: 13031

Ion Ratio Lower Upper

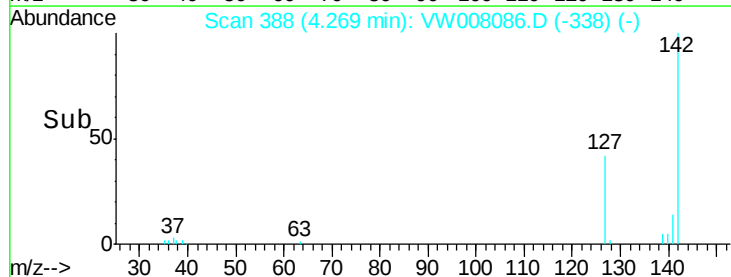
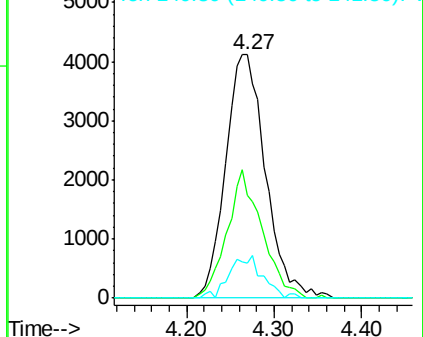
142 100

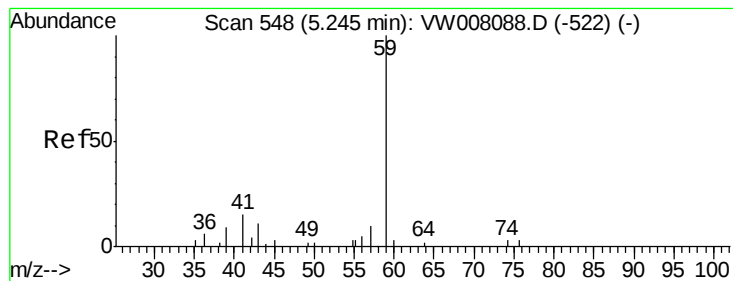
127 46.3 35.0 52.4

141 14.3 11.8 17.6



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



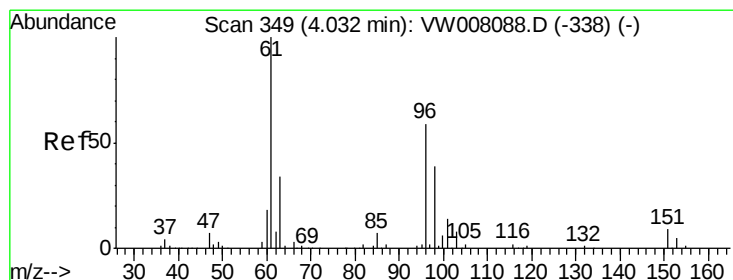
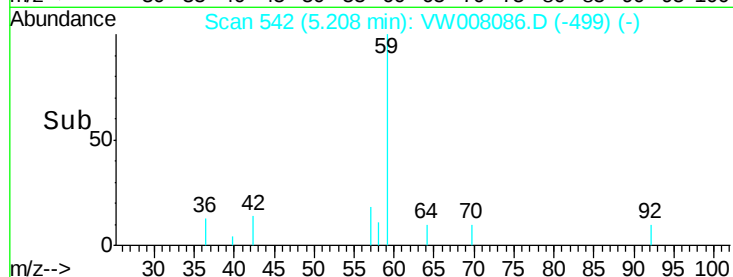
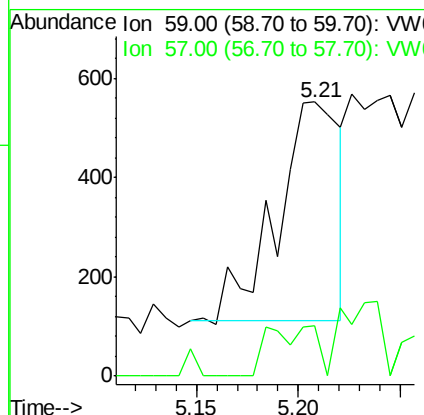
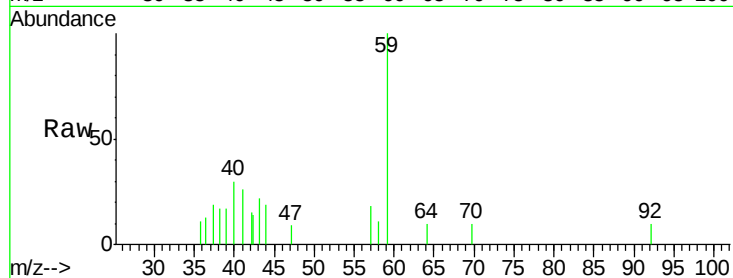


#11

Tert butyl alcohol
 Concen: 16.511 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.04 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

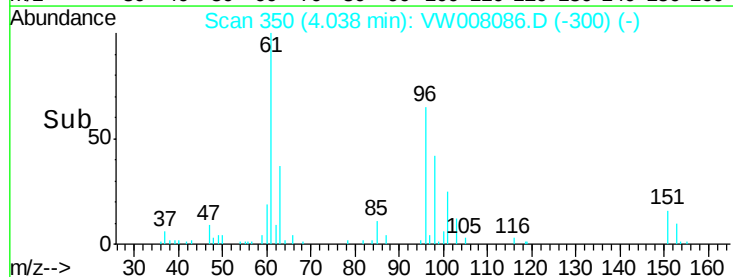
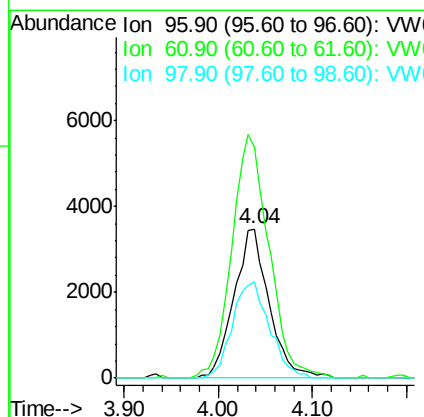
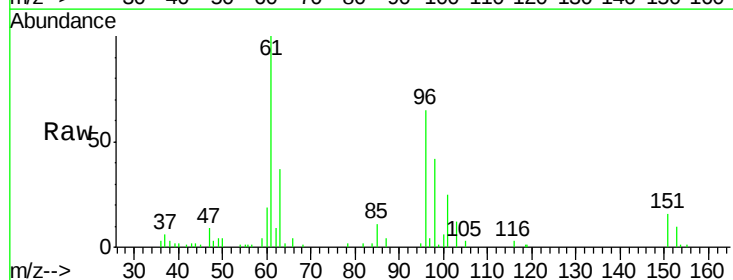
Tot Ion: 59 Resp: 940
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

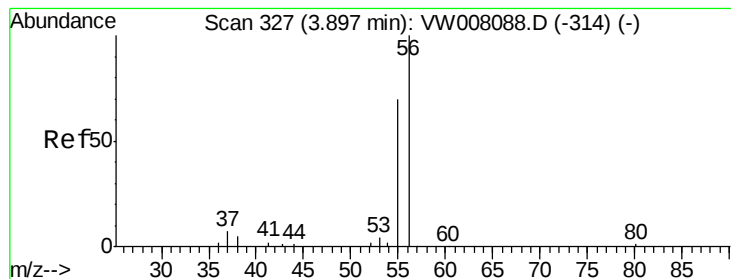


#12

1,1-Dichloroethene
 Concen: 11.509 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 96 Resp: 9096
 Ion Ratio Lower Upper
 96 100
 61 154.5 135.4 203.2
 98 64.6 52.5 78.7





#13

Acrolein

Concen: 62.788 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampled :

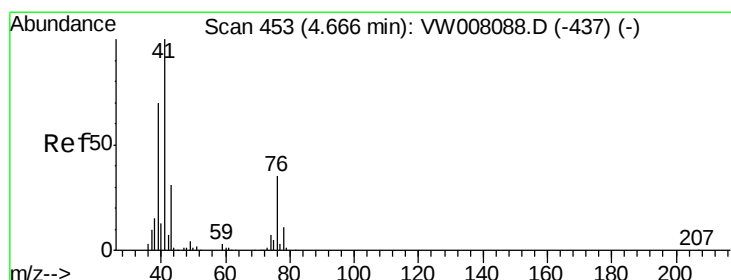
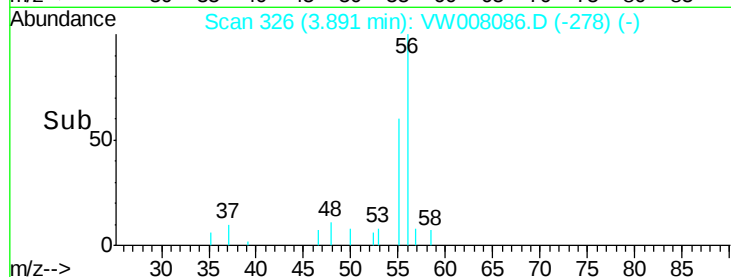
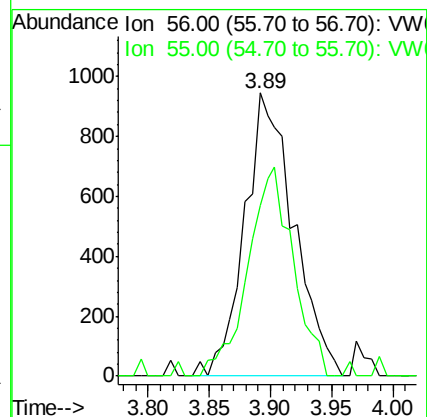
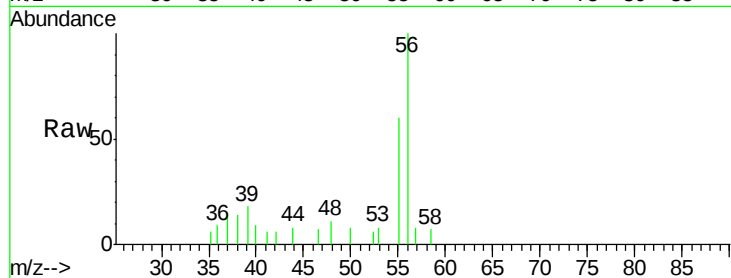
VSTDIC010

Tot Ion: 56 Resp: 2643

Ion Ratio Lower Upper

56 100

55 67.9 56.6 84.8



#14

Allyl chloride

Concen: 14.248 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

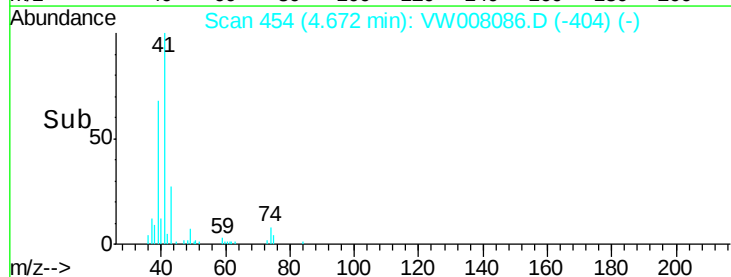
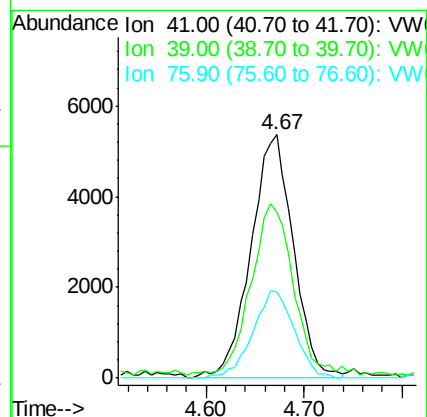
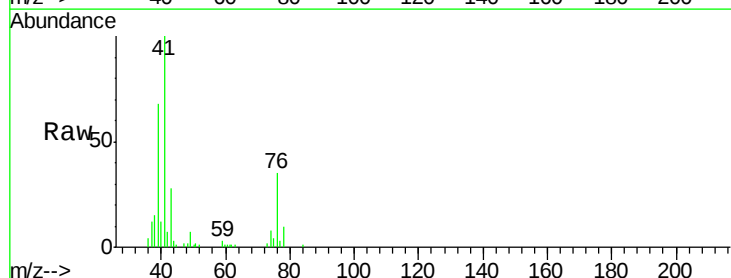
Tgt Ion: 41 Resp: 16172

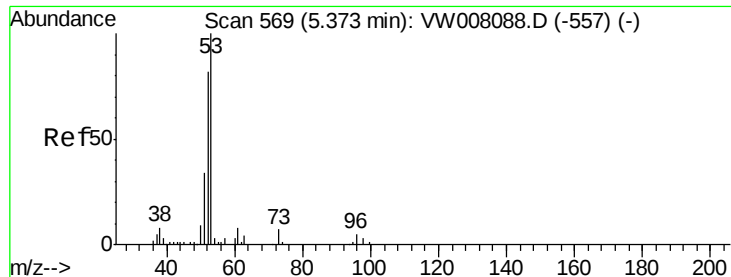
Ion Ratio Lower Upper

41 100

39 71.2 53.8 80.8

76 35.1 27.6 41.4

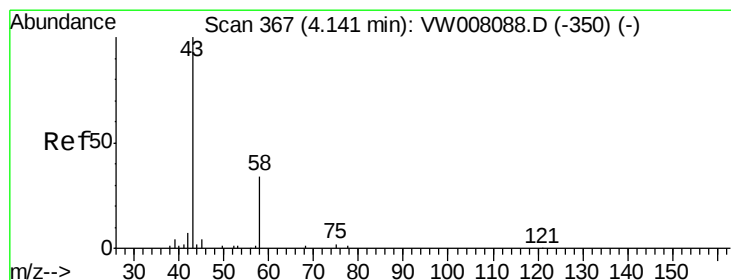
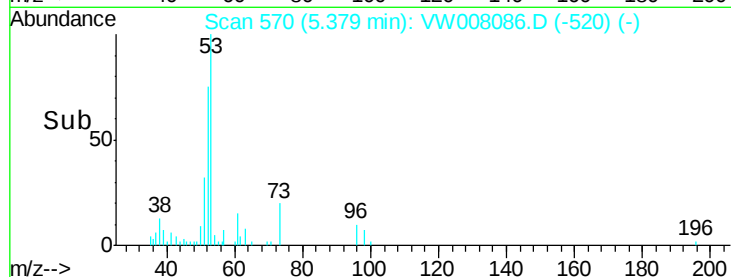
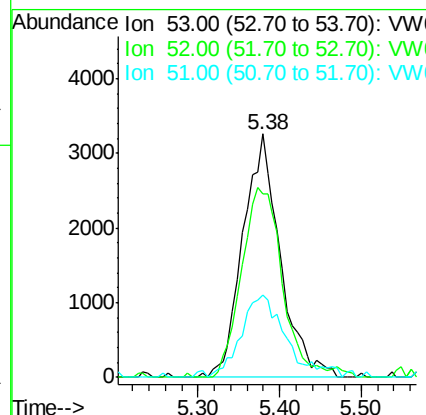
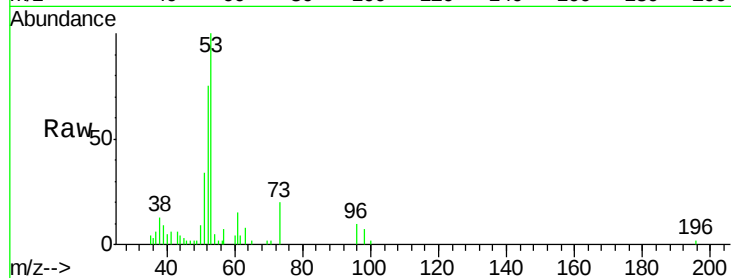




#15
 Acrylonitrile
 Concen: 75.054 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

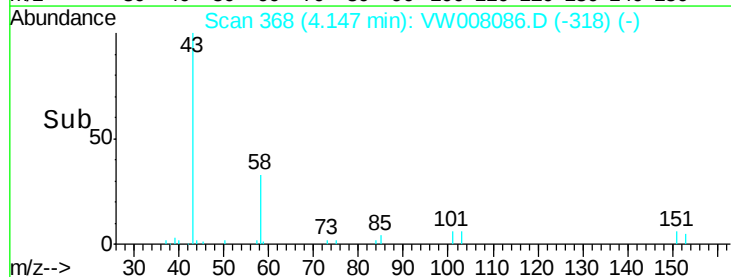
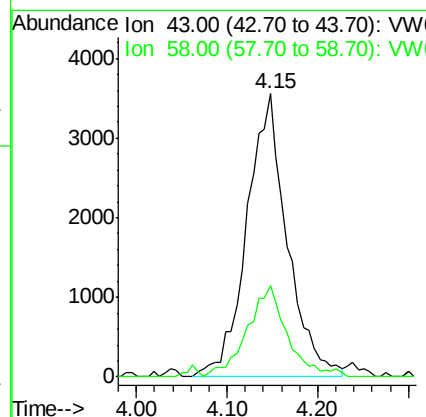
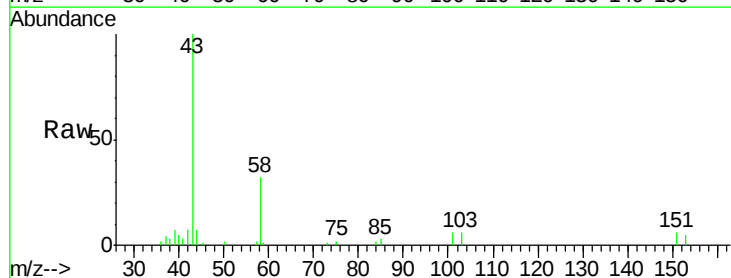
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

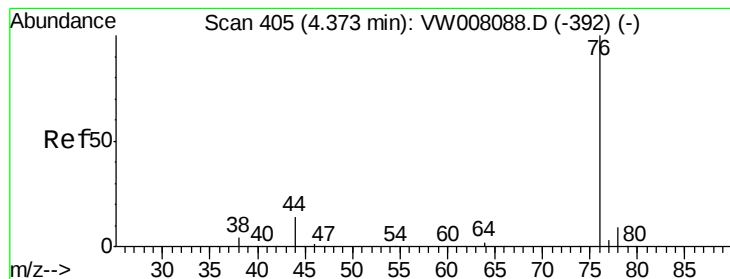
Tot Ion: 53 Resp: 10337
 Ion Ratio Lower Upper
 53 100
 52 84.9 66.8 100.2
 51 39.7 29.7 44.5



#16
 Acetone
 Concen: 79.391 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 43 Resp: 10972
 Ion Ratio Lower Upper
 43 100
 58 30.4 27.5 41.3





#17

Carbon Disulfide

Concen: 11.147 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

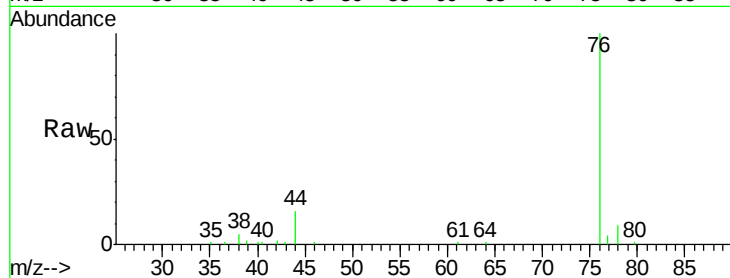
VSTDIC010

Tot Ion: 76 Resp: 26960

Ion Ratio Lower Upper

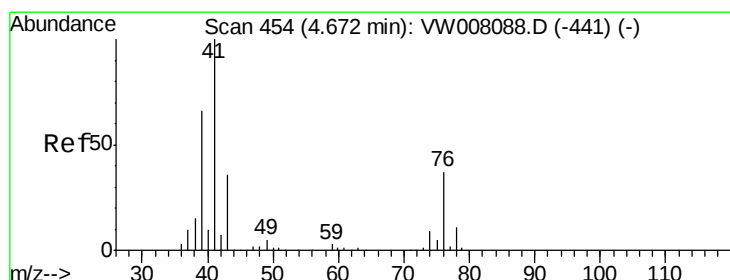
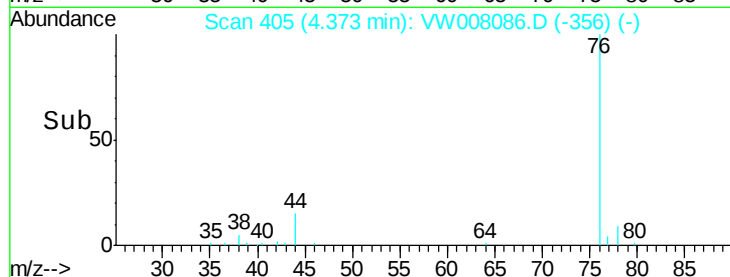
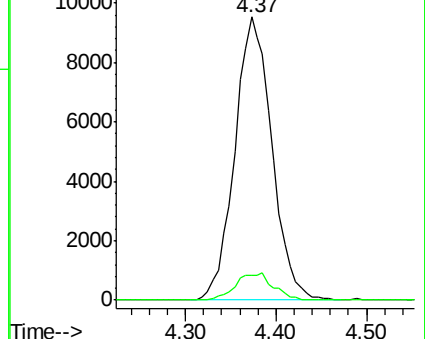
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 14.316 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW008086.D

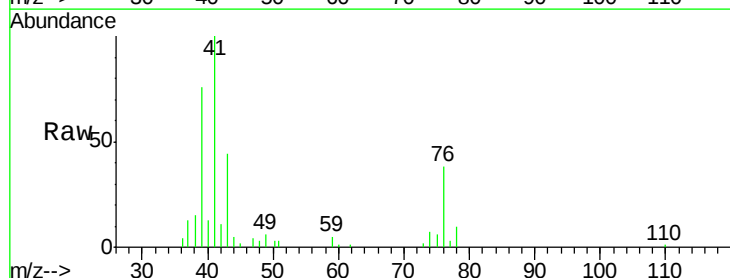
Acq: 08 Jan 2019 15:36

Tgt Ion: 43 Resp: 5420

Ion Ratio Lower Upper

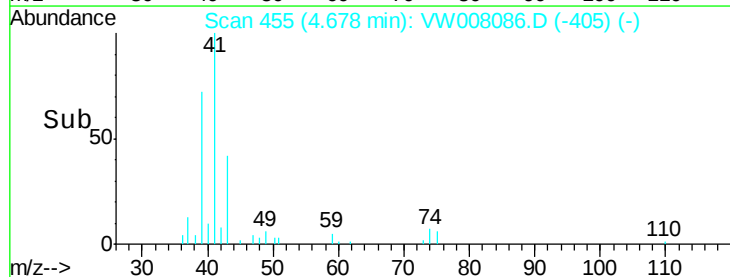
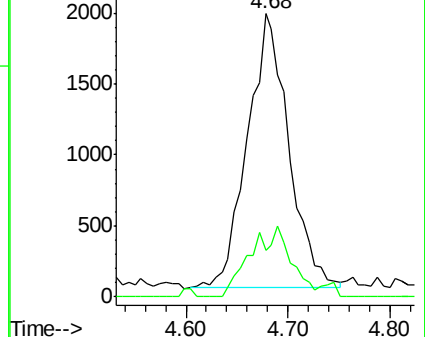
43 100

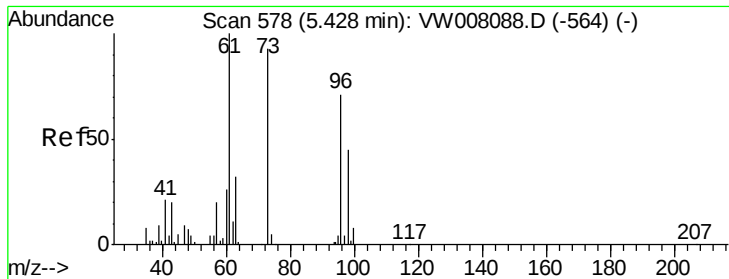
74 12.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

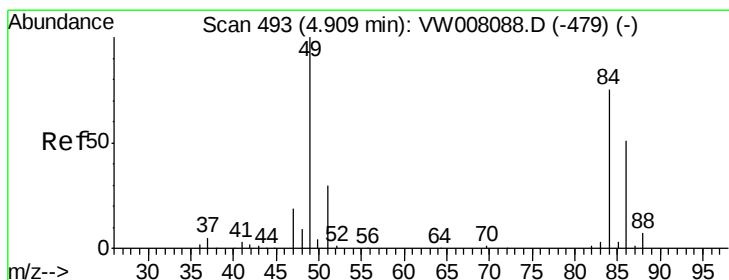
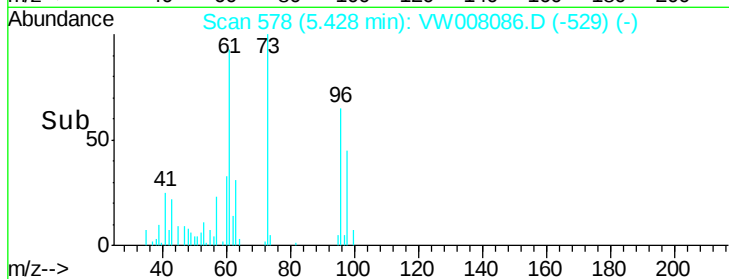
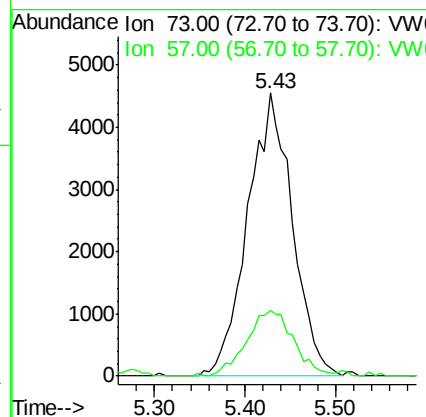
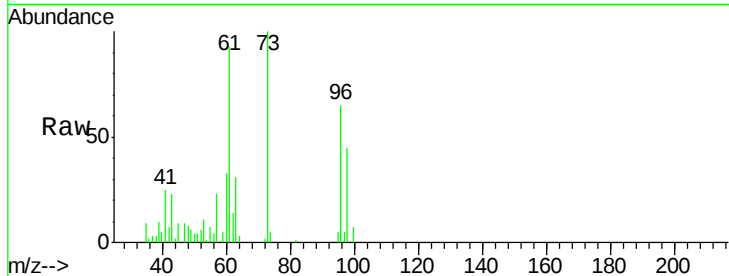




#19
Methyl tert-butyl Ether
Concen: 12.450 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

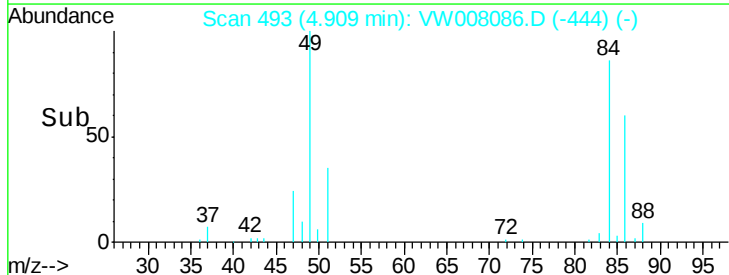
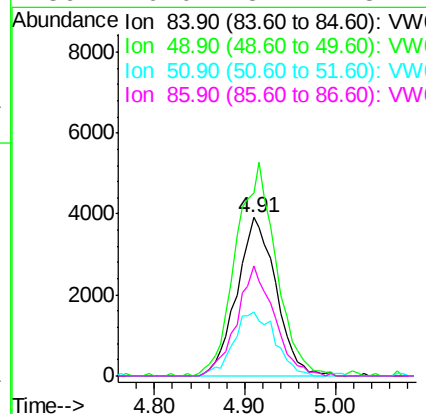
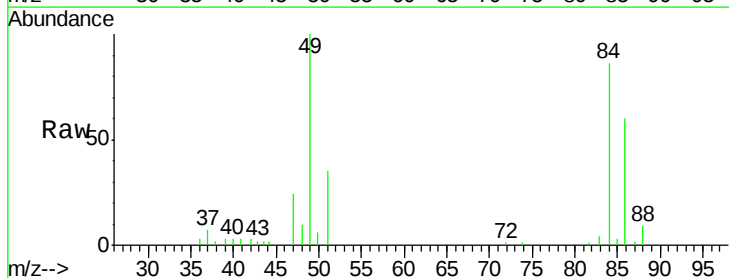
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

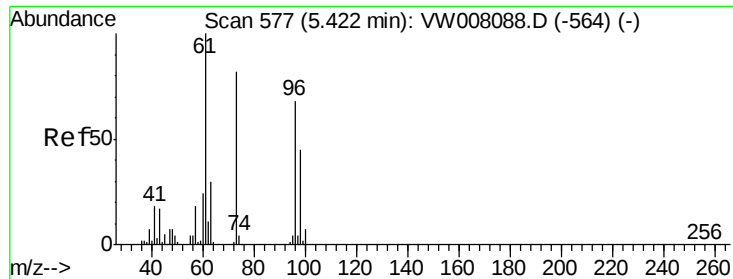
Tot Ion: 73 Resp: 15504
Ion Ratio Lower Upper
73 100
57 23.2 16.7 25.1



#20
Methylene Chloride
Concen: 12.673 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion: 84 Resp: 11752
Ion Ratio Lower Upper
84 100
49 115.7 107.1 160.7
51 40.2 32.4 48.6
86 70.0 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 11.736 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

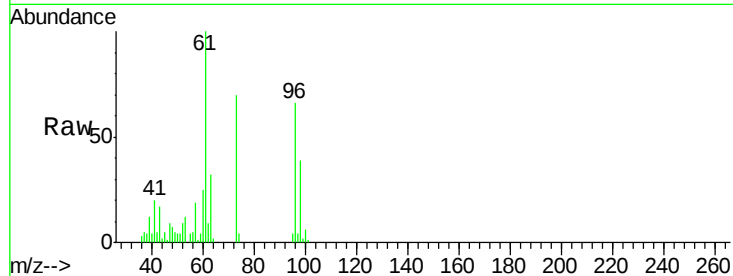
Tot Ion: 96 Resp: 10083

Ion Ratio Lower Upper

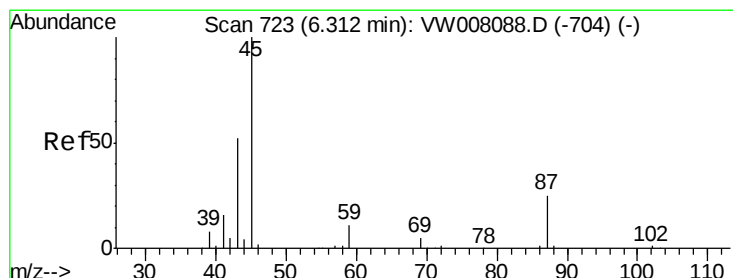
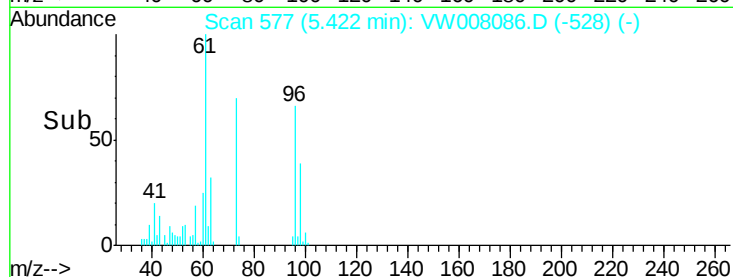
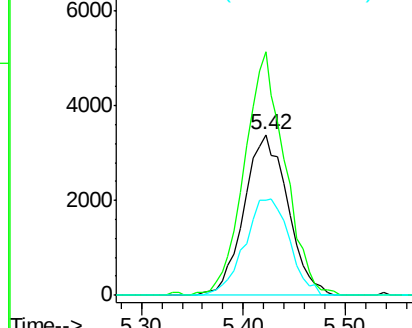
96 100

61 151.2 117.4 176.0

98 59.1 52.2 78.4



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: 15.291 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Tgt Ion: 45 Resp: 31408

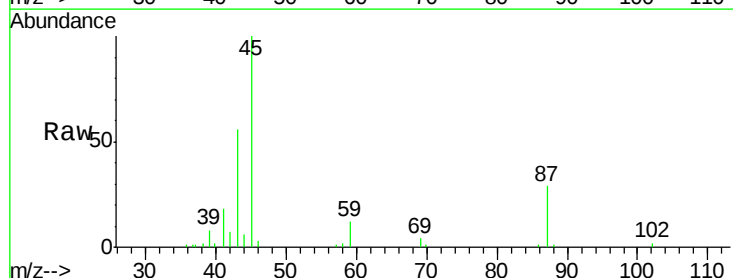
Ion Ratio Lower Upper

45 100

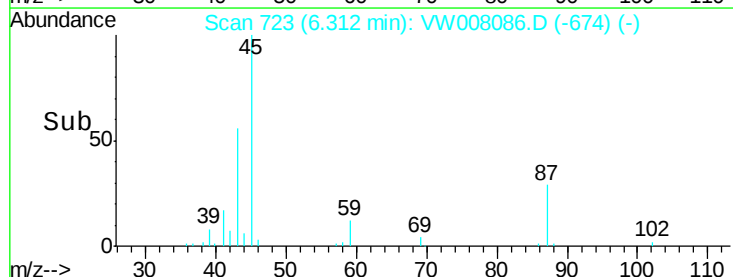
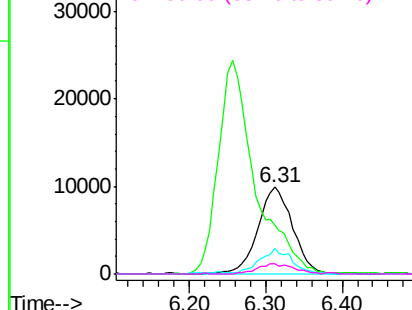
43 53.9 41.7 62.5

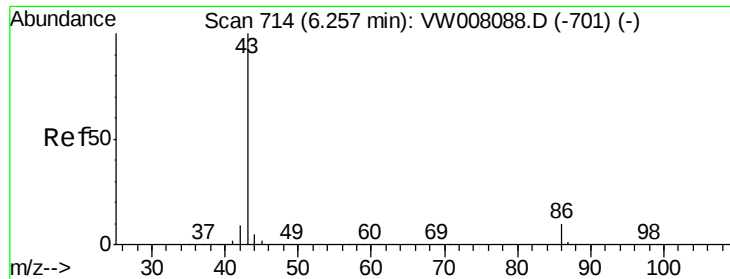
87 29.0 20.1 30.1

59 12.3 8.8 13.2



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: 71.474 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

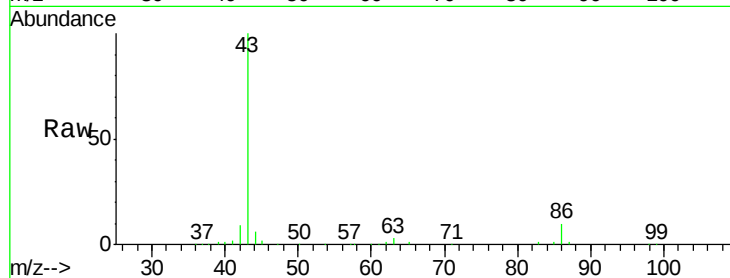
VSTDIC010

Tot Ion: 43 Resp: 81092

Ion Ratio Lower Upper

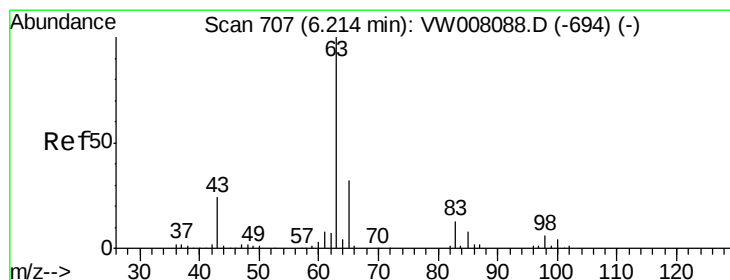
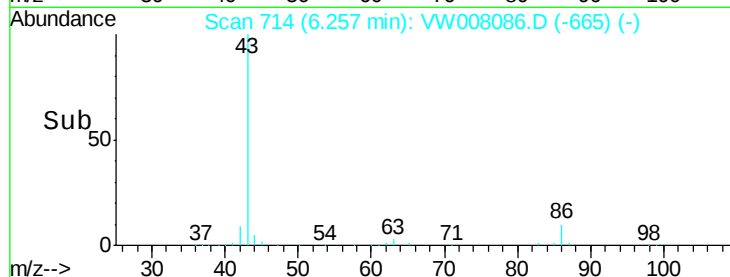
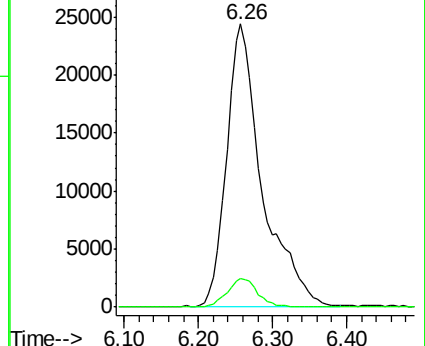
43 100

86 10.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 12.766 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

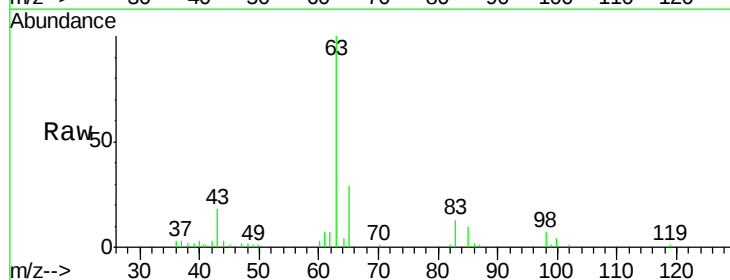
Tgt Ion: 63 Resp: 18512

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

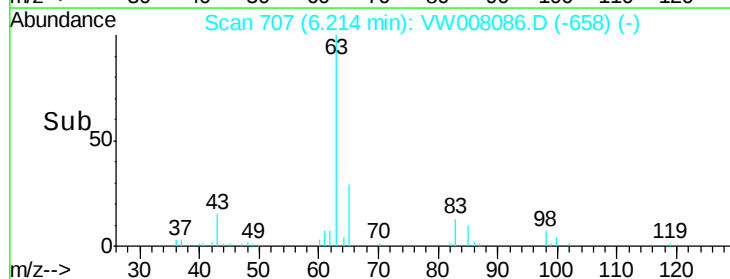
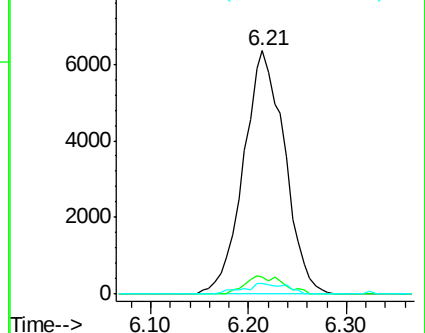
100 4.2 2.0 6.0

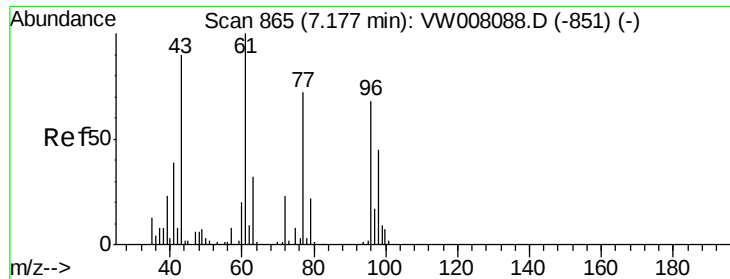


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 78.429 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

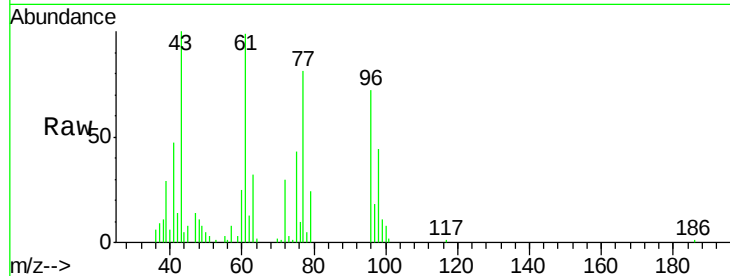
VSTDIC010

Tot Ion: 43 Resp: 13239

Ion Ratio Lower Upper

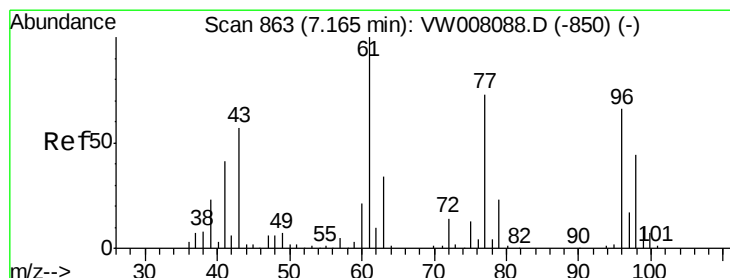
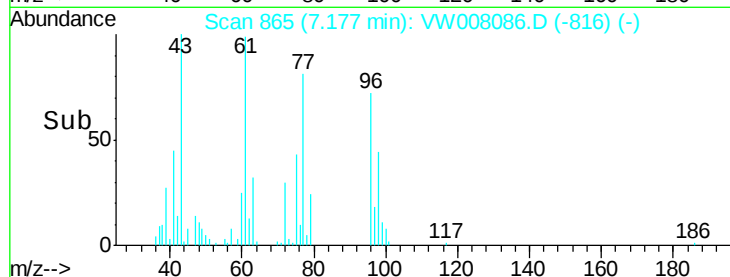
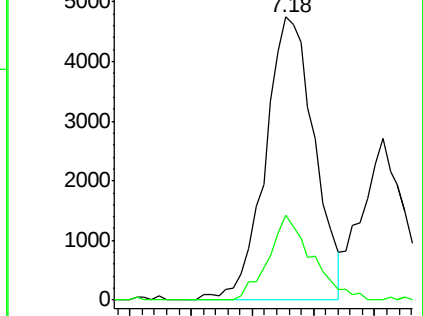
43 100

72 30.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 11.479 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008086.D

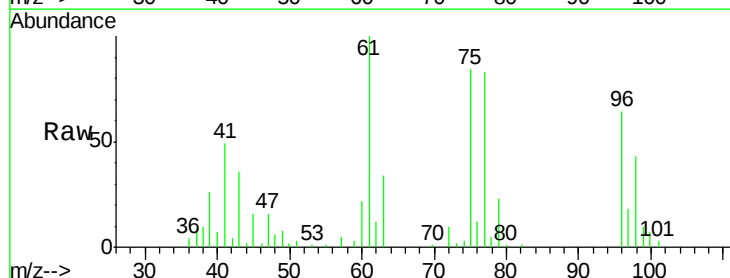
Acq: 08 Jan 2019 15:36

Tgt Ion: 77 Resp: 13270

Ion Ratio Lower Upper

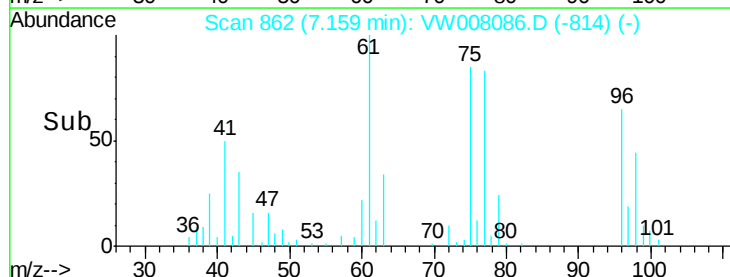
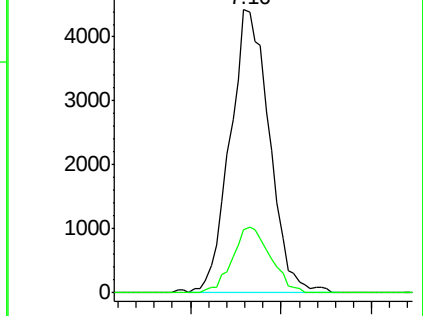
77 100

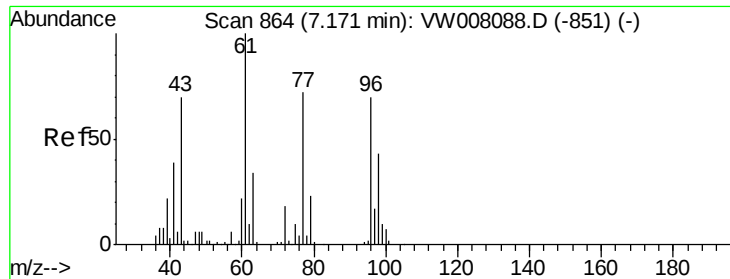
97 22.6 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



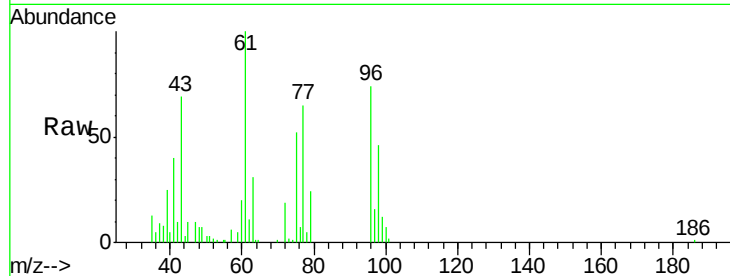


#27

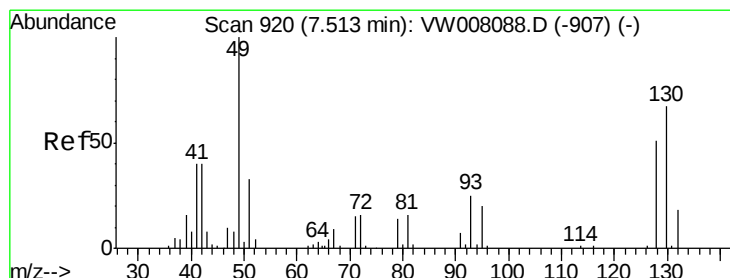
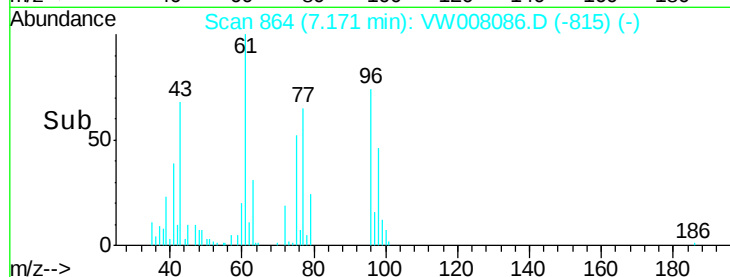
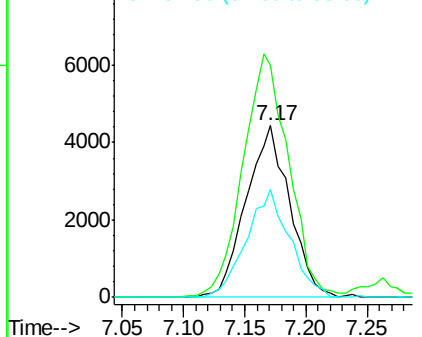
cis-1,2-Dichloroethene
Concen: 11.998 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 96 Resp: 11009
Ion Ratio Lower Upper
96 100
61 148.9 0.0 300.4
98 62.2 0.0 128.4



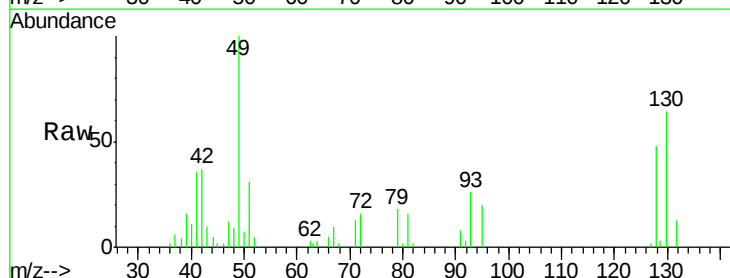
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



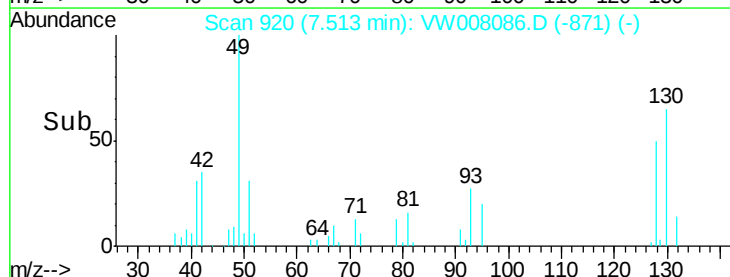
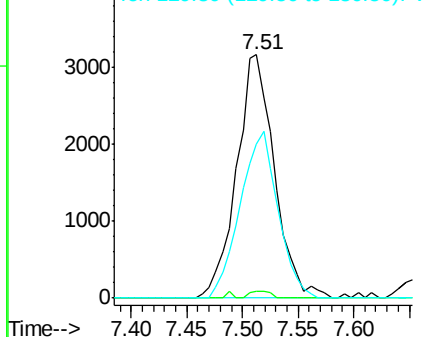
#28

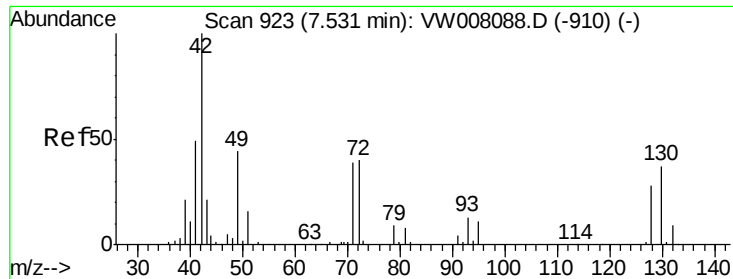
Bromochloromethane
Concen: 15.184 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion: 49 Resp: 7484
Ion Ratio Lower Upper
49 100
129 1.6 0.0 2.8
130 68.5 54.3 81.5



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





#29

Tetrahydrofuran

Concen: 85.023 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

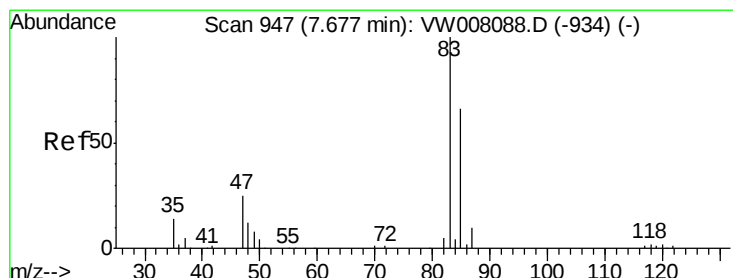
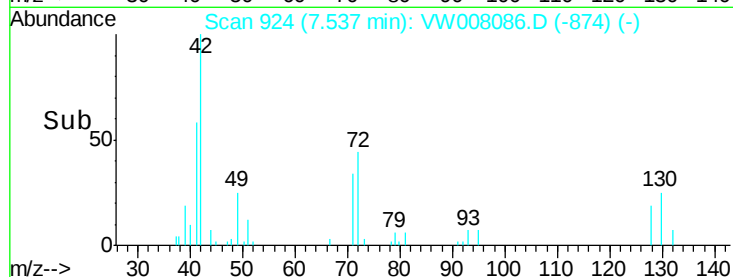
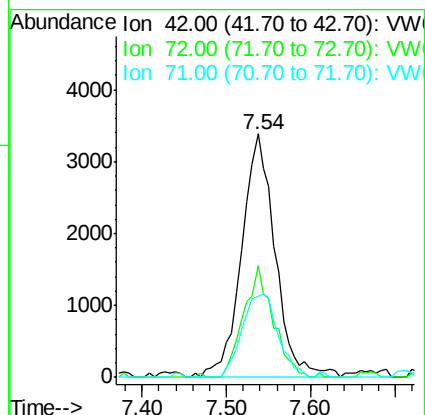
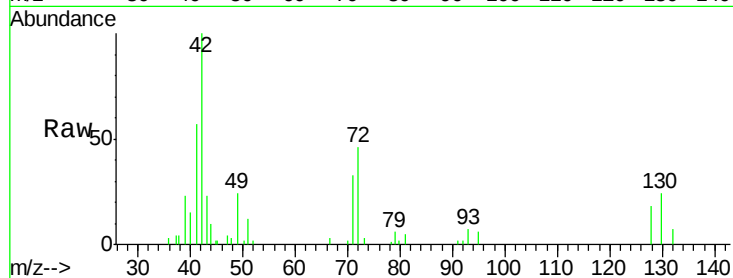
Tot Ion: 42 Resp: 9126

Ion Ratio Lower Upper

42 100

72 40.1 32.4 48.6

71 36.7 31.3 46.9



#30

Chloroform

Concen: 11.201 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008086.D

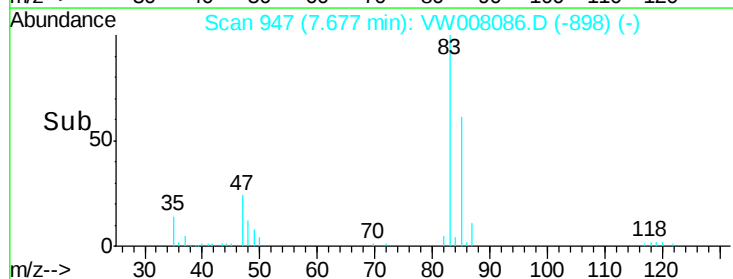
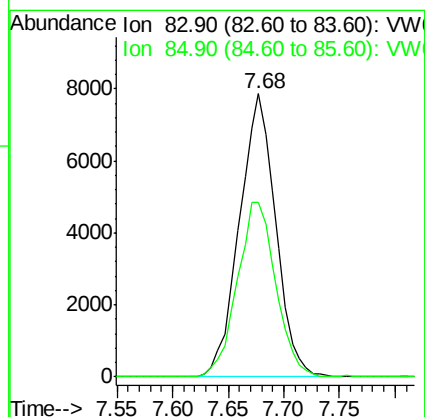
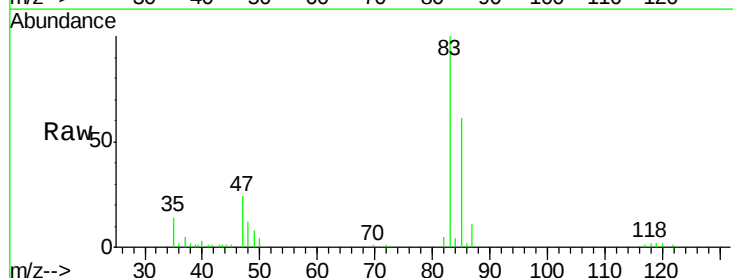
Acq: 08 Jan 2019 15:36

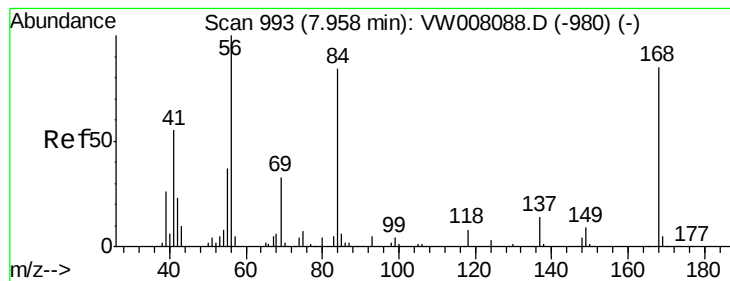
Tgt Ion: 83 Resp: 17758

Ion Ratio Lower Upper

83 100

85 61.5 53.2 79.8





#31

Cyclohexane

Concen: 14.187 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

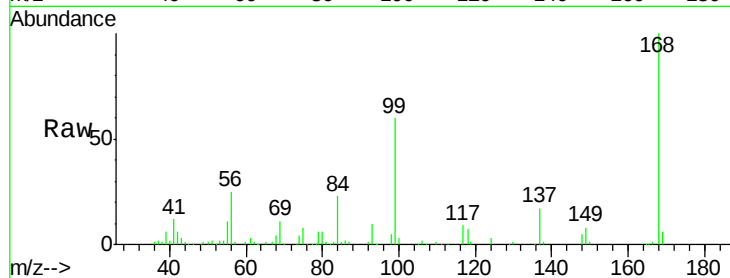
Tot Ion: 56 Resp: 19755

Ion Ratio Lower Upper

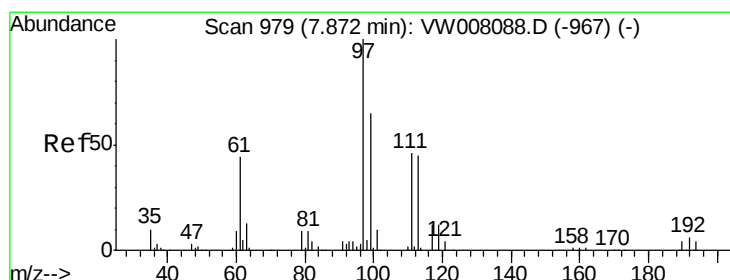
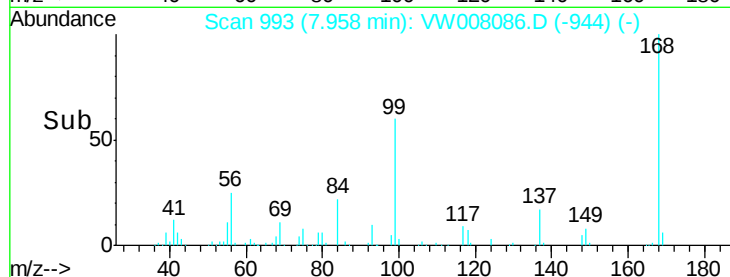
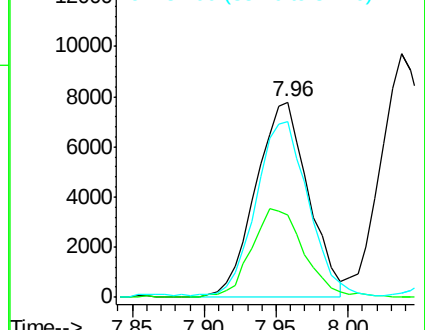
56 100

69 42.1 26.2 39.4#

84 89.2 67.4 101.2



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: 10.236 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

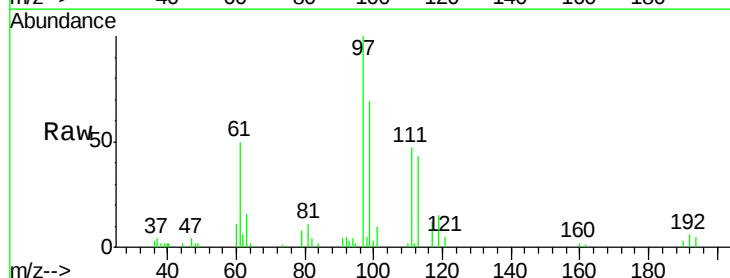
Tgt Ion: 97 Resp: 15249

Ion Ratio Lower Upper

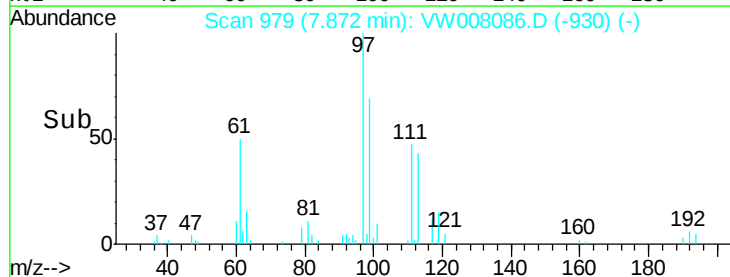
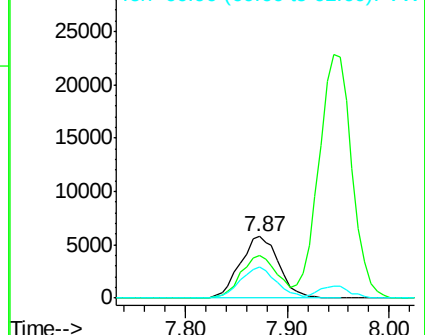
97 100

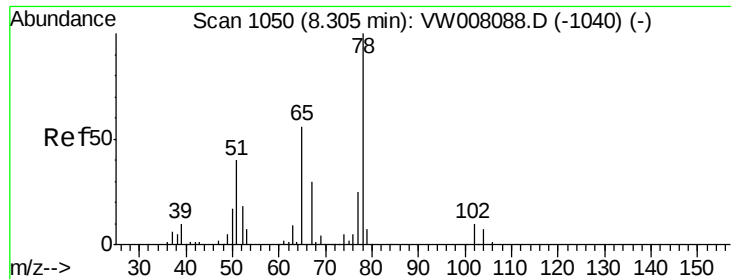
99 64.6 51.4 77.0

61 47.3 35.6 53.4



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

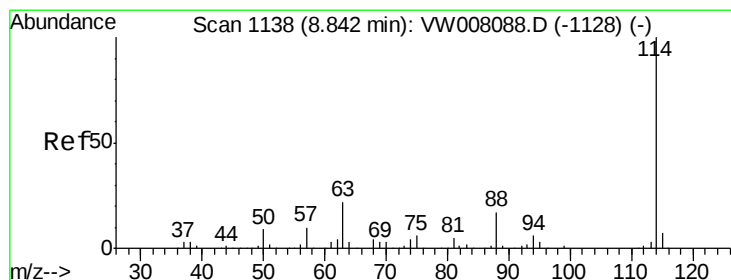
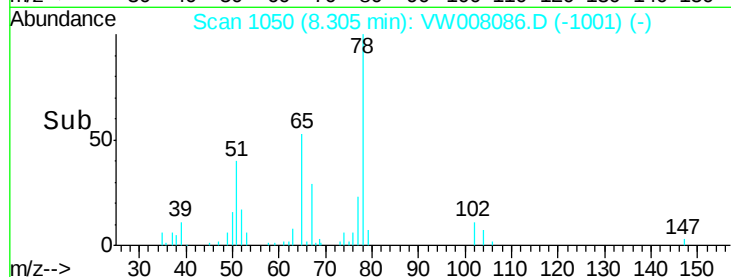
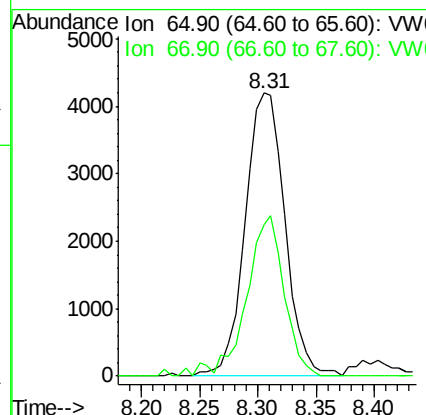
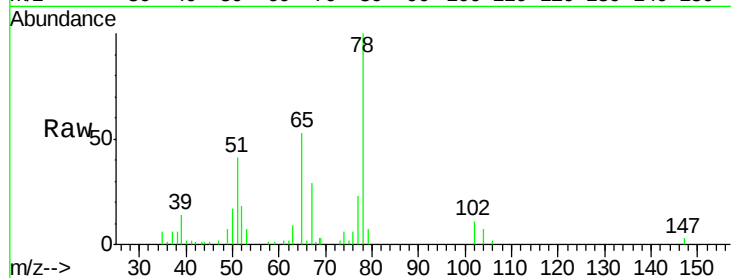




#33
 1,2-Dichloroethane-d4
 Concen: 11.547 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

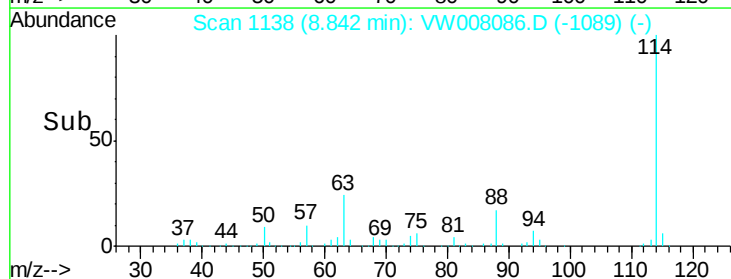
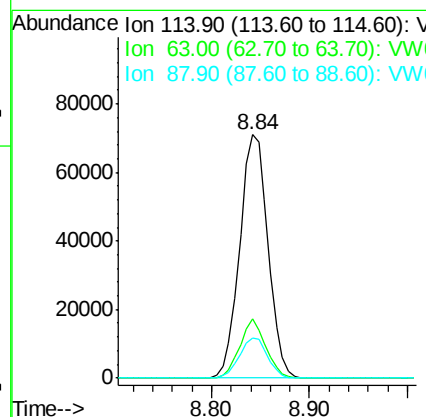
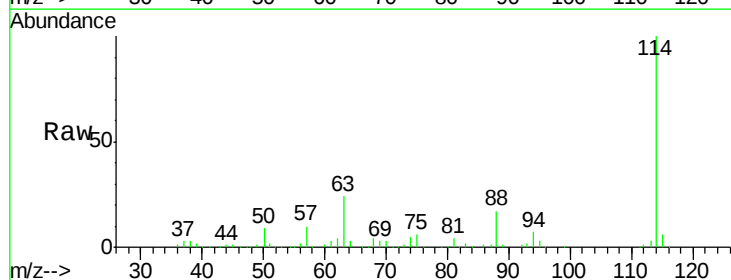
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

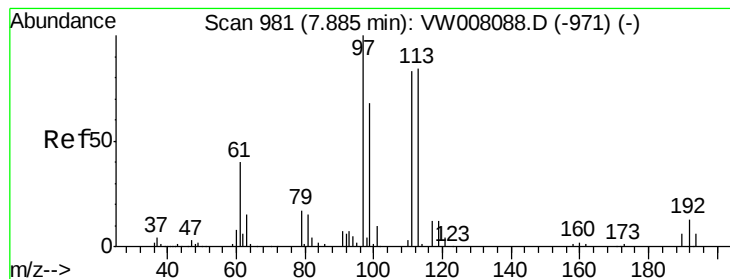
Tot Ion: 65 Resp: 10028
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 114 Resp: 142342
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 43.4
 88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 9.532 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

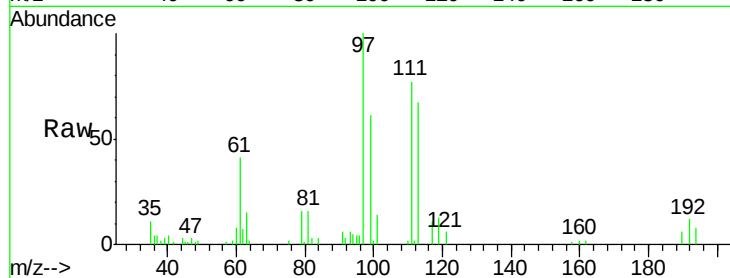
Tot Ion:113 Resp: 8412

Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.8

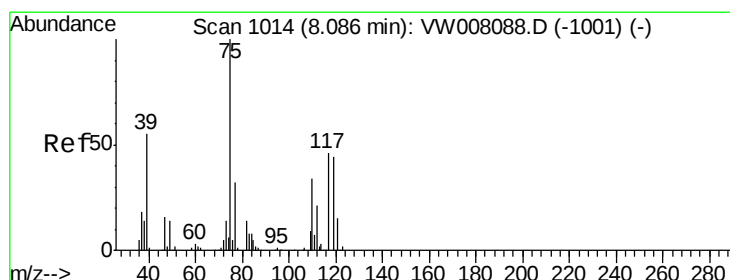
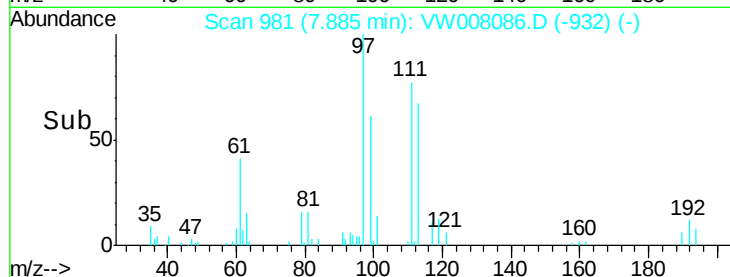
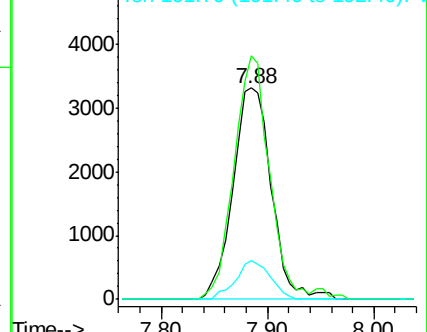
192 16.3 12.8 19.2



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: 10.557 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

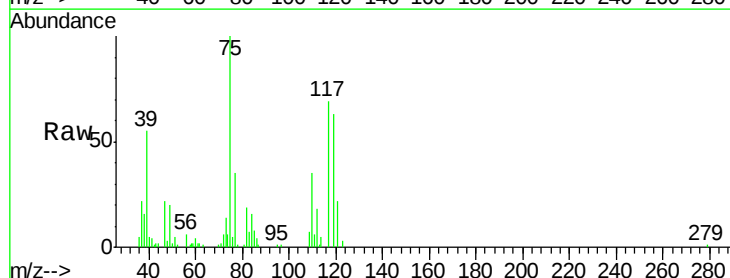
Tgt Ion: 75 Resp: 14712

Ion Ratio Lower Upper

75 100

110 36.5 17.1 51.3

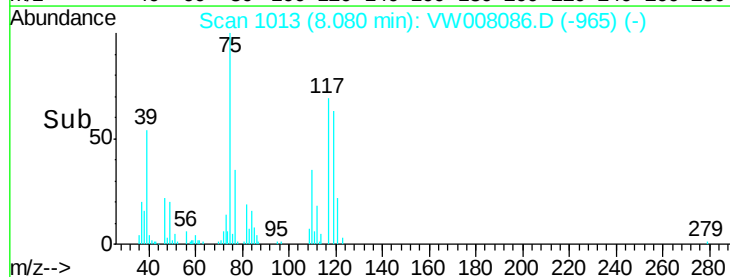
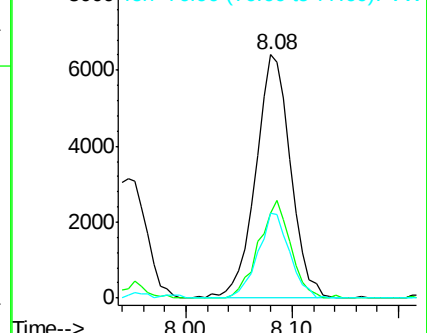
77 31.8 25.5 38.3

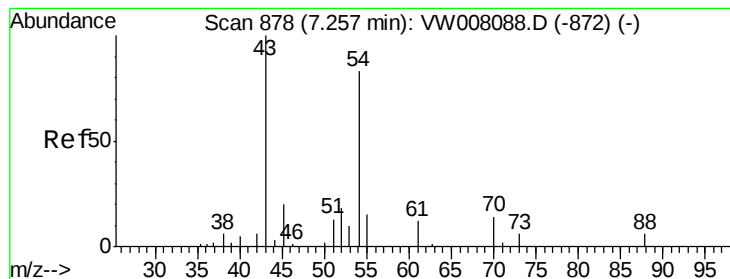


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 13.297 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

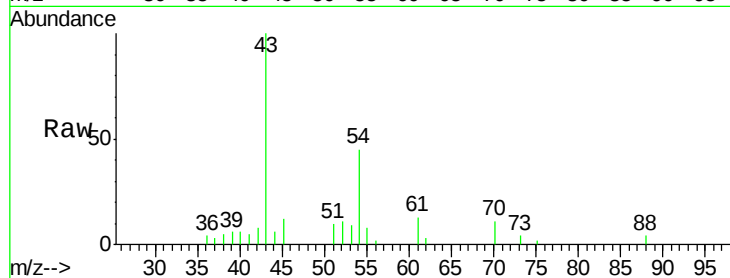
Tot Ion: 43 Resp: 5909

Ion Ratio Lower Upper

43 100

61 16.0 10.6 16.0#

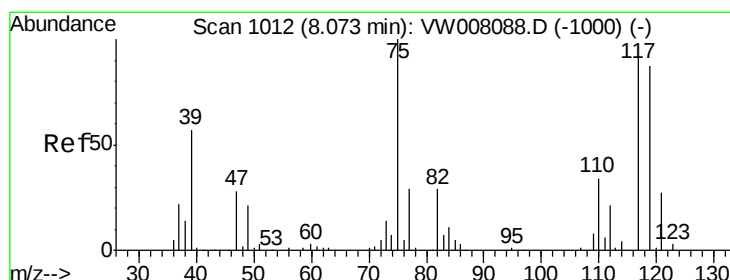
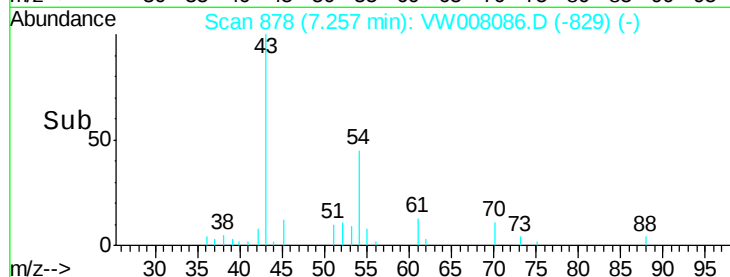
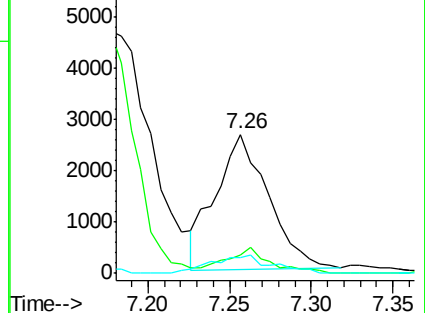
70 15.3 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 8.435 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

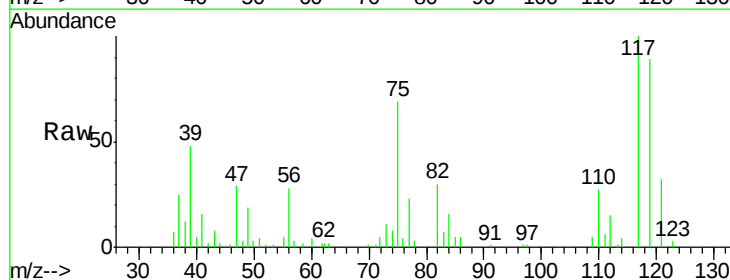
Tgt Ion: 117 Resp: 13533

Ion Ratio Lower Upper

117 100

119 88.5 75.8 113.8

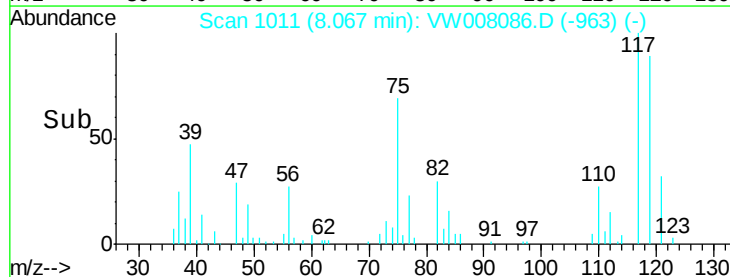
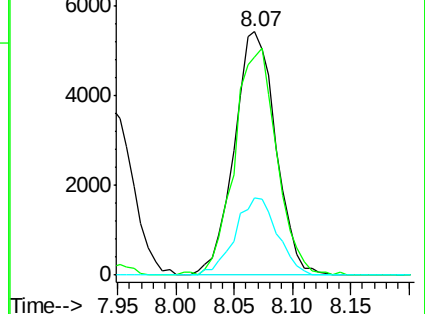
121 31.9 23.7 35.5

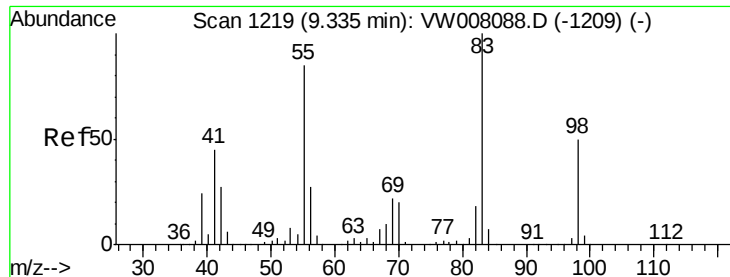


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

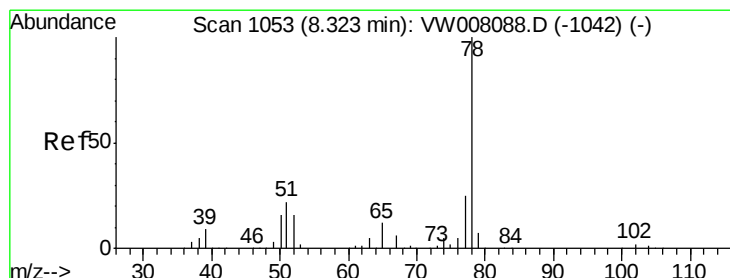
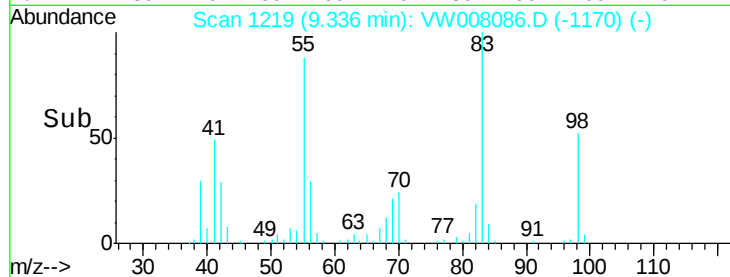
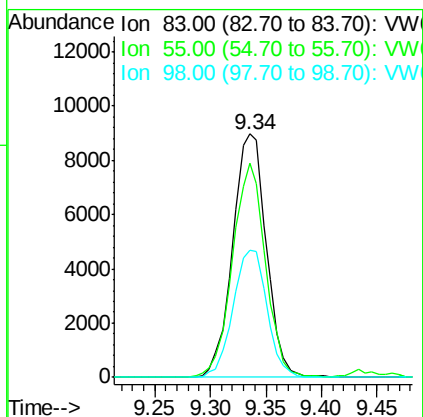
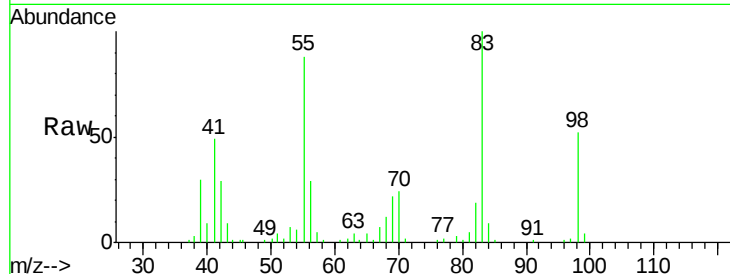




#39
Methvlcvclohexane
Concen: 10.754 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

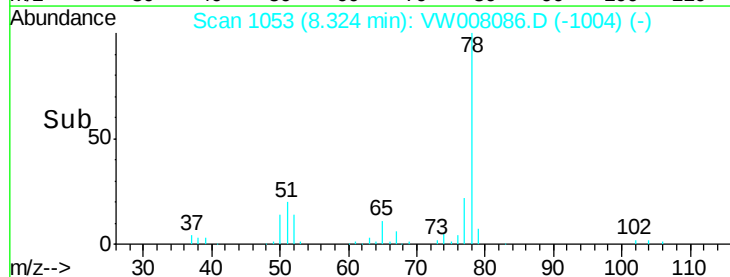
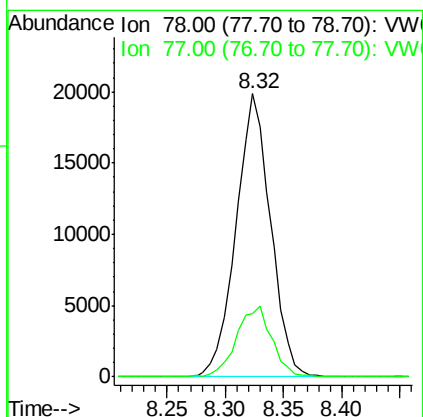
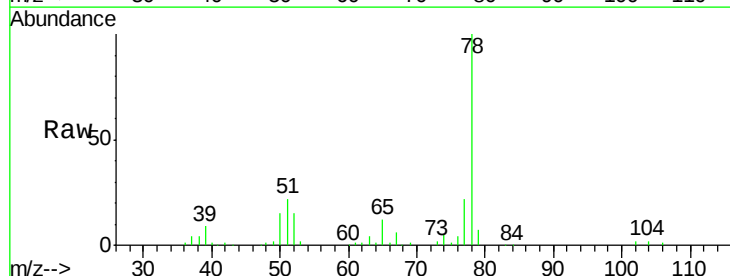
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

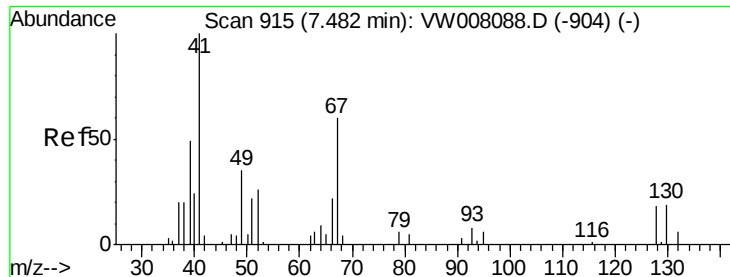
Tot Ion: 83 Resp: 18781
Ion Ratio Lower Upper
83 100
55 87.7 67.8 101.6
98 52.4 40.2 60.4



#40
Benzene
Concen: 11.075 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion: 78 Resp: 41032
Ion Ratio Lower Upper
78 100
77 22.3 20.2 30.4

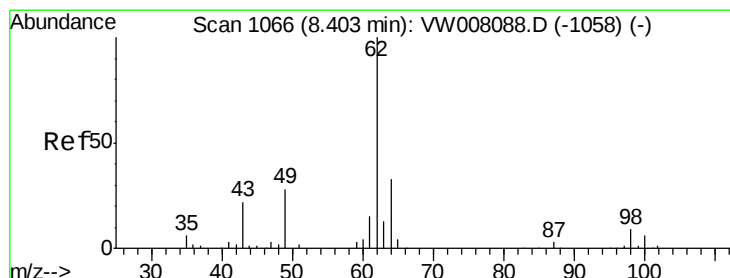
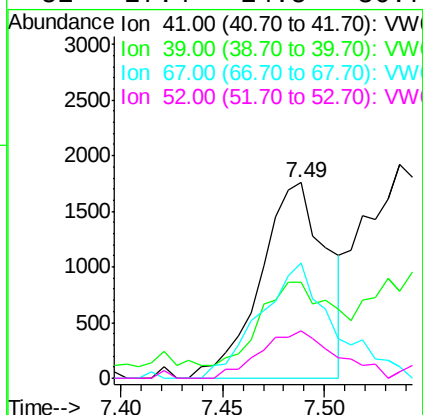
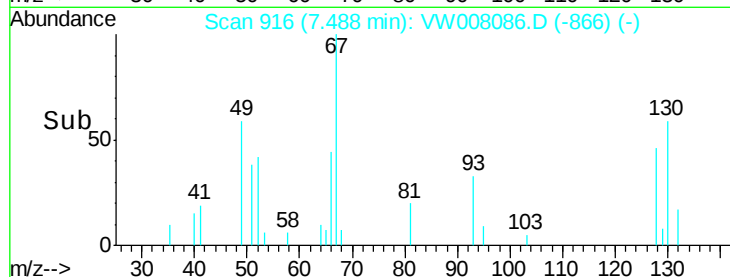
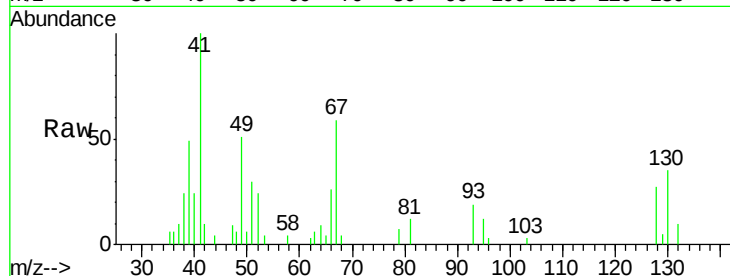




#41
Methacrylonitrile
Concen: 15.631 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

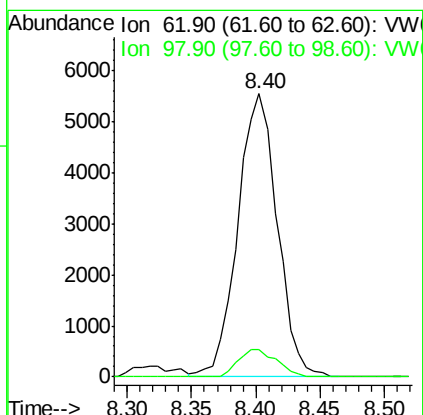
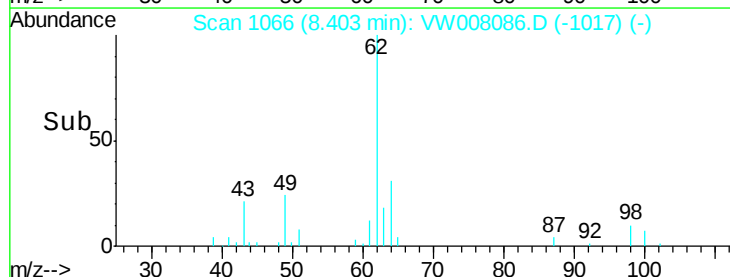
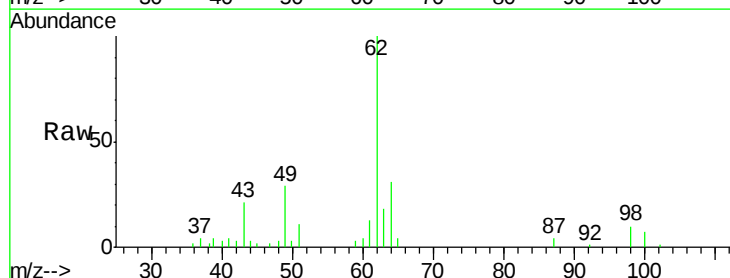
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

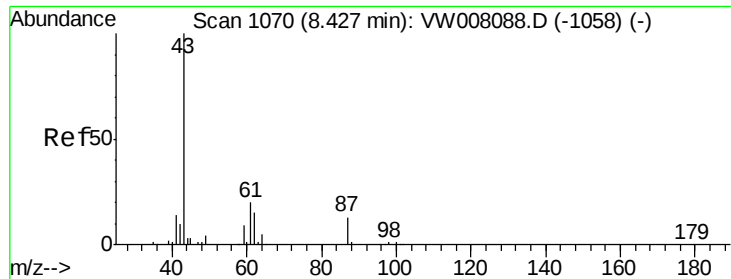
Tot Ion:	41	Resp:	3984
Ion	Ratio	Lower	Upper
41	100		
39	48.2	47.9	71.9
67	65.1	56.3	84.5
52	27.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 9.799 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion:	62	Resp:	11759
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 14.197 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

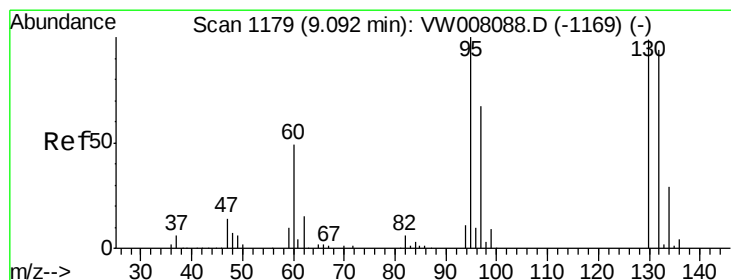
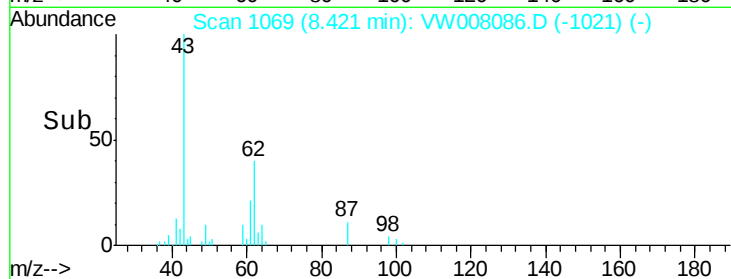
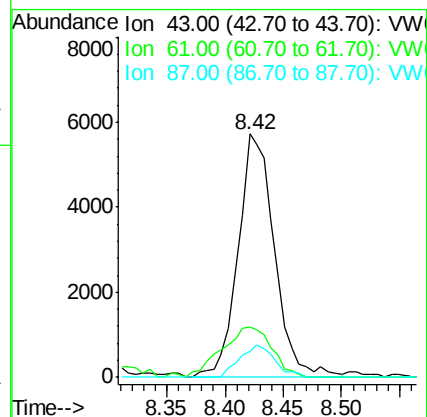
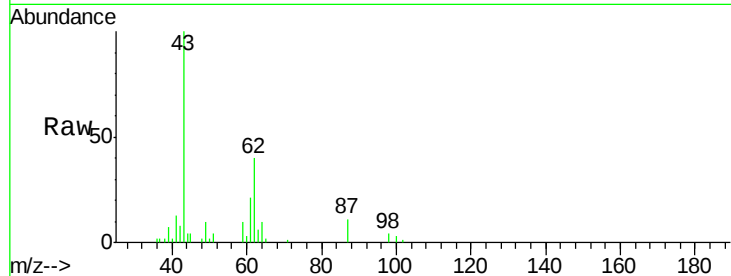
Tot Ion: 43 Resp: 12469

Ion Ratio Lower Upper

43 100

61 28.7 24.8 37.2

87 12.7 10.4 15.6



#44

Trichloroethene

Concen: 9.662 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW008086.D

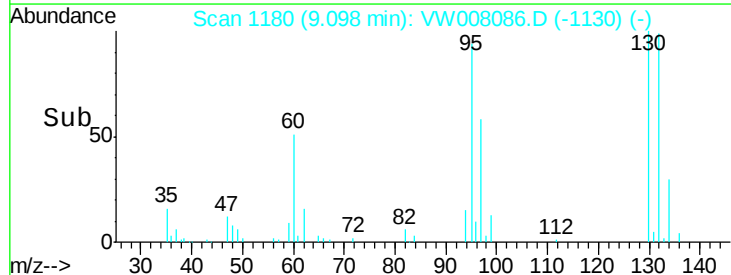
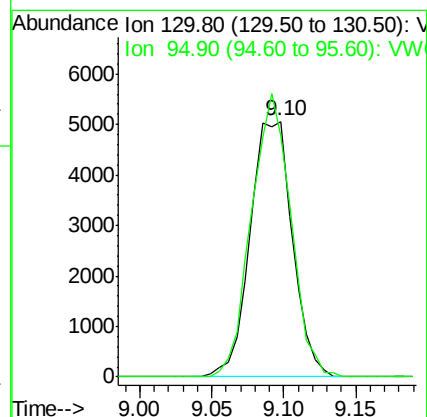
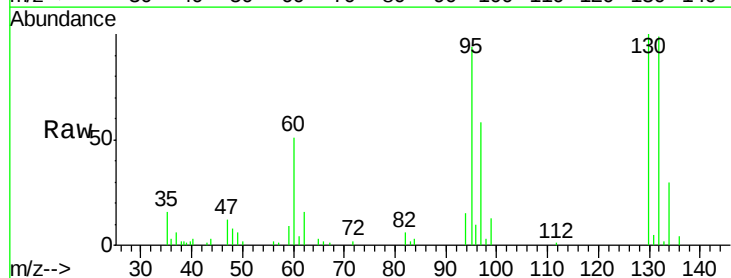
Acq: 08 Jan 2019 15:36

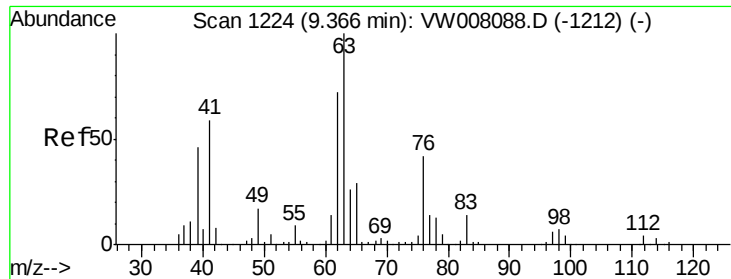
Tgt Ion: 130 Resp: 10292

Ion Ratio Lower Upper

130 100

95 94.5 0.0 202.8

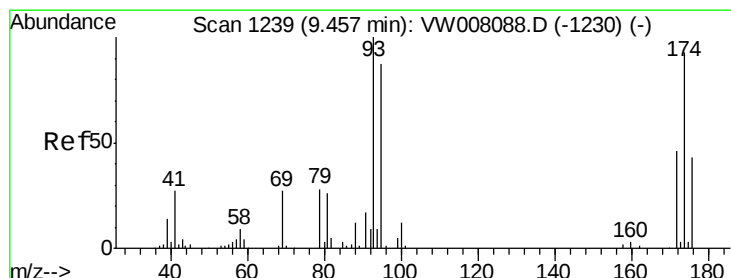
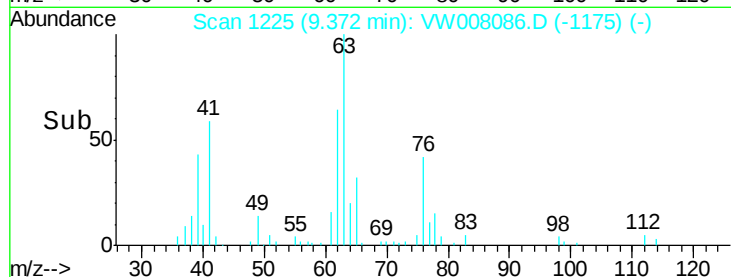
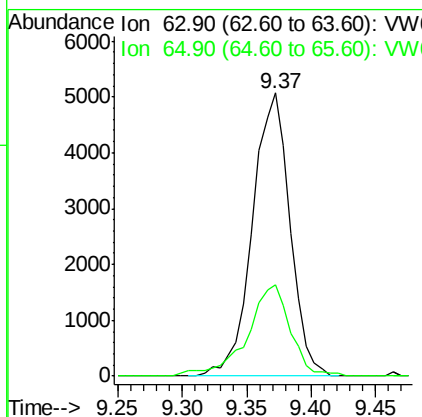
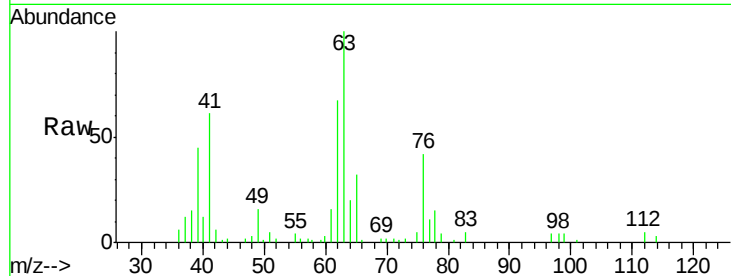




#45
 1,2-Dichloropropane
 Concen: 12.384 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

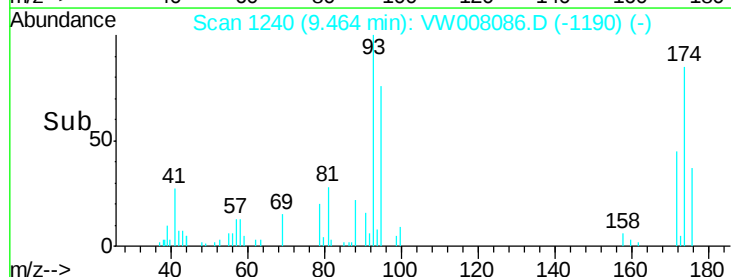
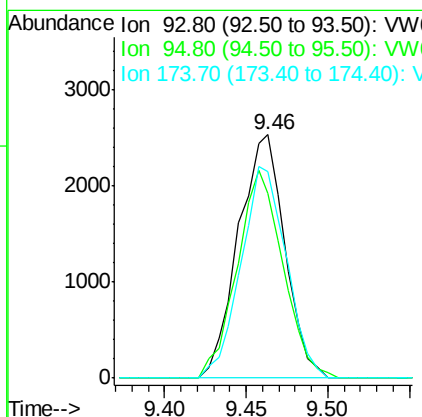
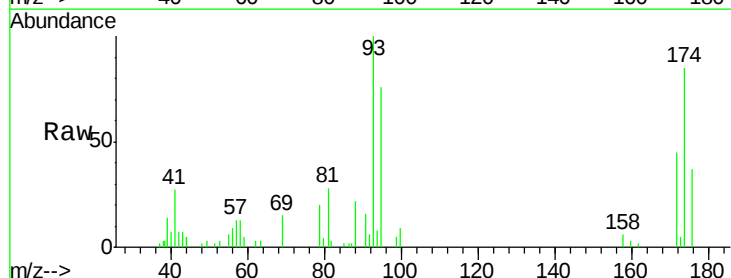
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

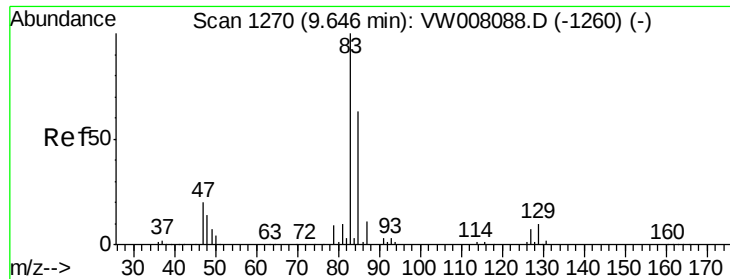
Tot Ion: 63 Resp: 10177
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.3 34.9



#46
 Dibromomethane
 Concen: 10.804 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 93 Resp: 5017
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.5 101.3
 174 85.0 72.5 108.7

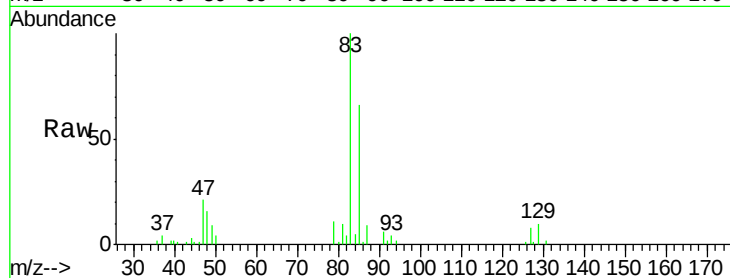




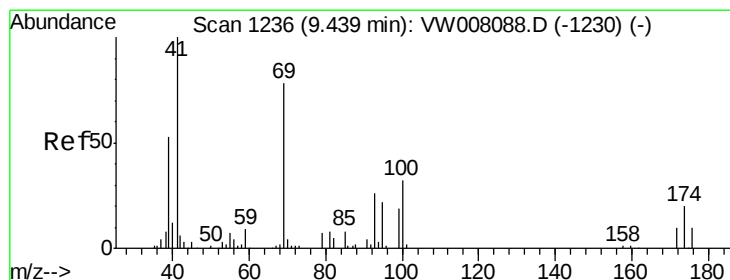
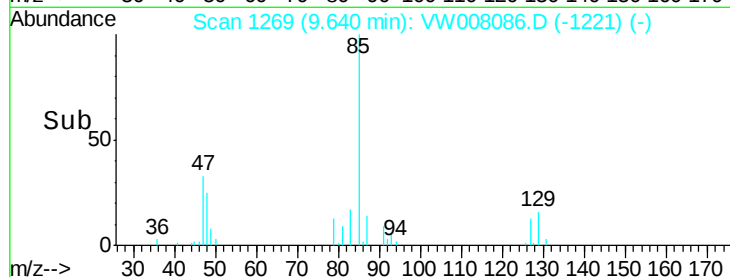
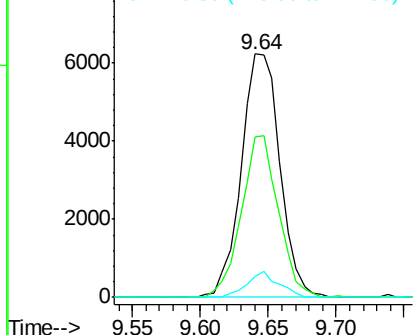
#47
Bromodichloromethane
Concen: 9.621 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 83 Resp: 12404
Ion Ratio Lower Upper
83 100
85 65.7 50.7 76.1
127 8.4 6.0 9.0

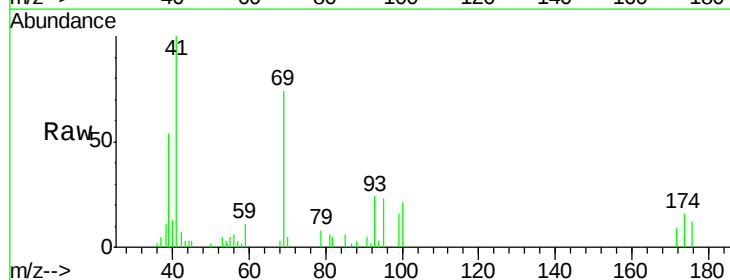


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

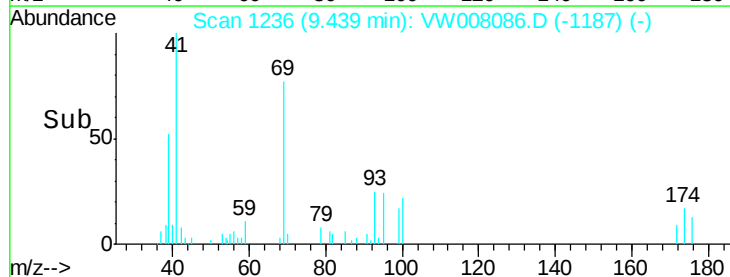
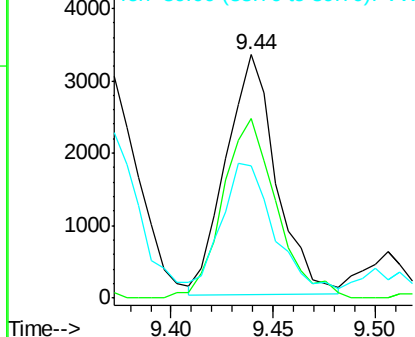


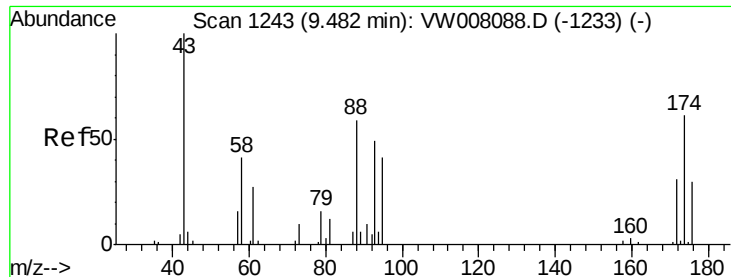
#48
Methyl methacrylate
Concen: 12.860 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion: 41 Resp: 5705
Ion Ratio Lower Upper
41 100
69 79.4 61.9 92.9
39 51.6 43.0 64.4



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





#49

1,4-Dioxane

Concen: 226.654 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

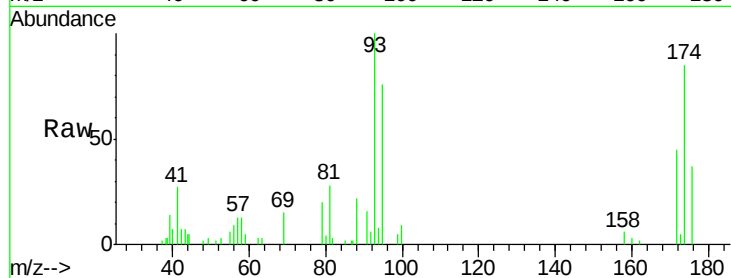
Tot Ion: 88 Resp: 1576

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

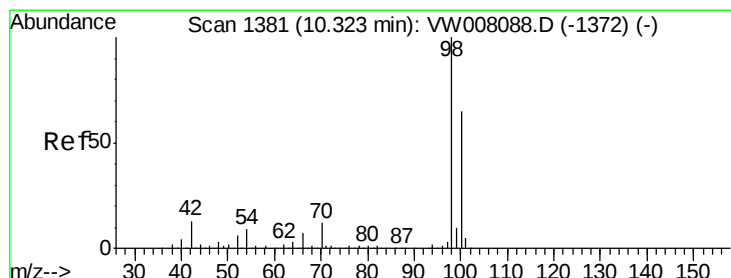
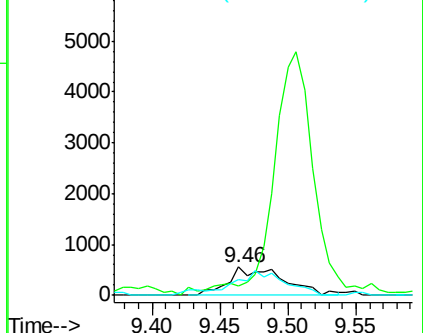
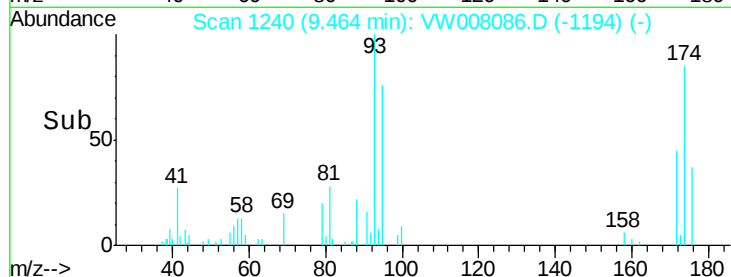
58 77.6 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 10.866 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008086.D

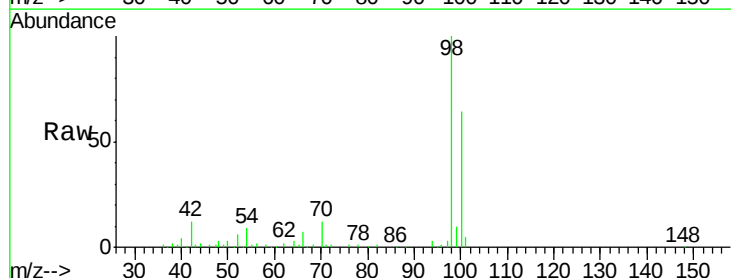
Acq: 08 Jan 2019 15:36

Tgt Ion: 98 Resp: 36800

Ion Ratio Lower Upper

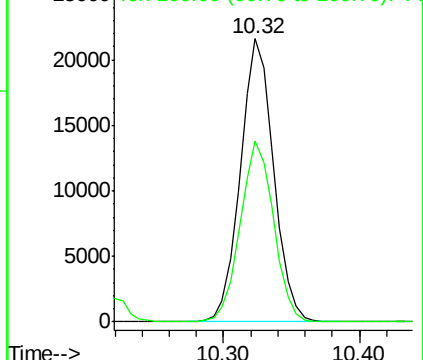
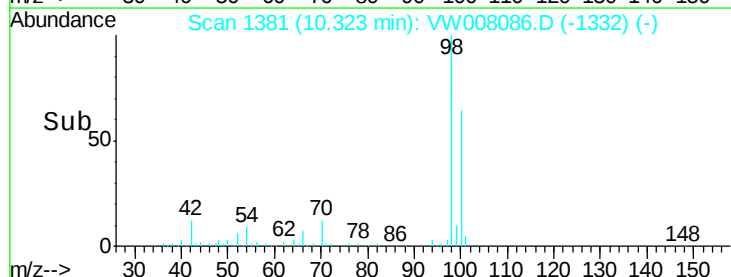
98 100

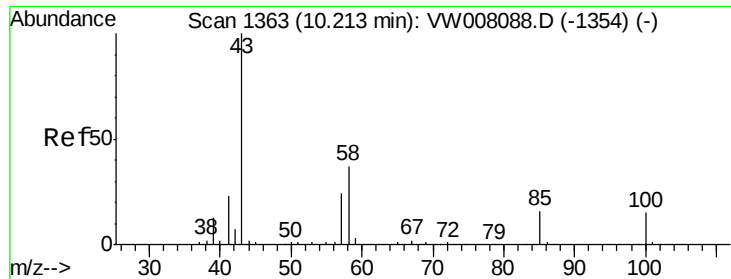
100 64.1 51.7 77.5



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: 73.597 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

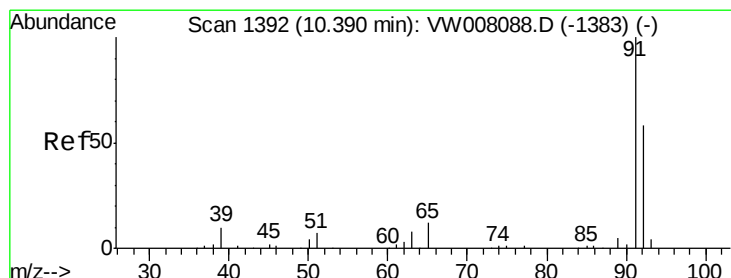
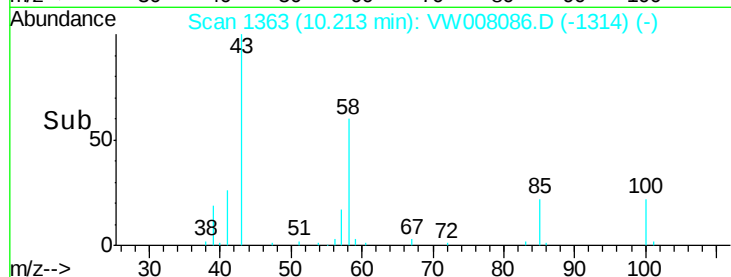
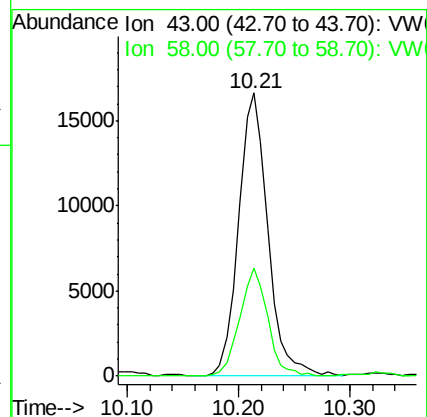
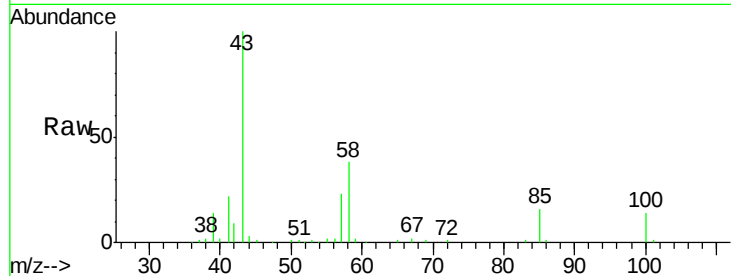
VSTDIC010

Tot Ion: 43 Resp: 30336

Ion Ratio Lower Upper

43 100

58 36.4 30.6 46.0



#52

Toluene

Concen: 10.574 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008086.D

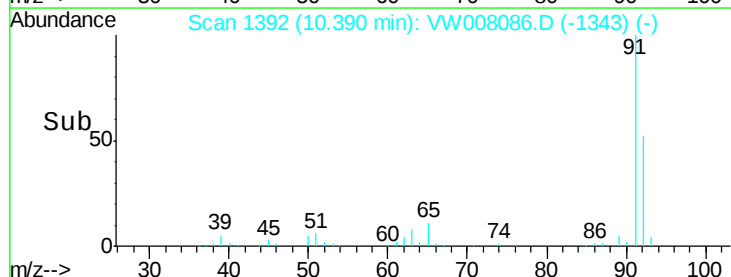
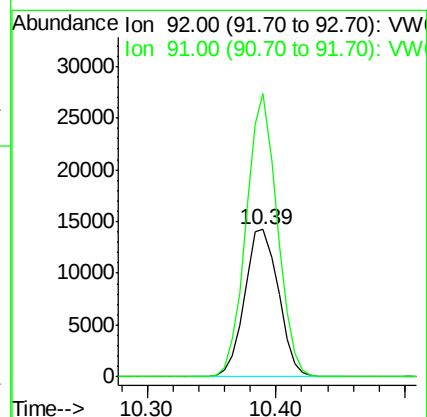
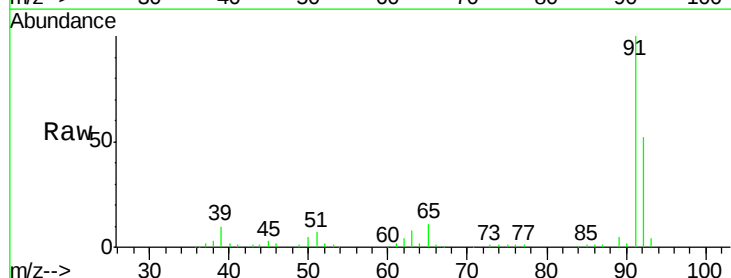
Acq: 08 Jan 2019 15:36

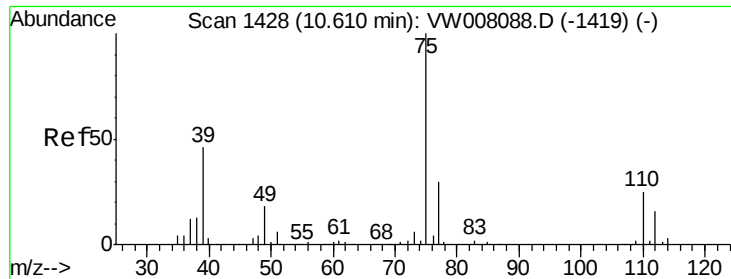
Tgt Ion: 92 Resp: 25825

Ion Ratio Lower Upper

92 100

91 176.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 10.239 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

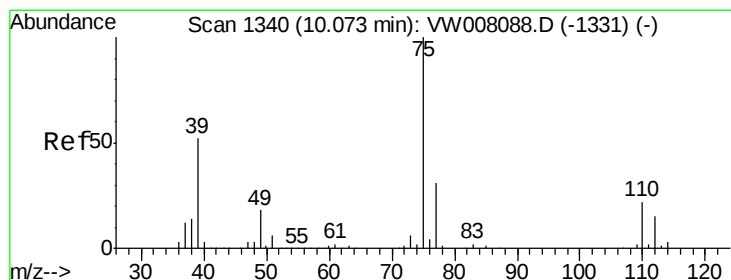
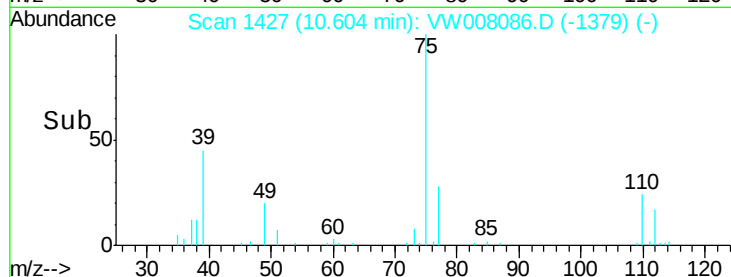
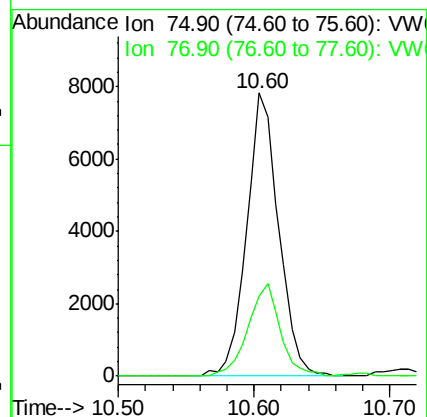
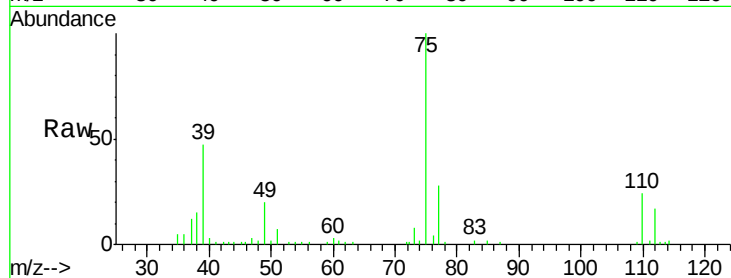
VSTDIC010

Tot Ion: 75 Resp: 12857

Ion Ratio Lower Upper

75 100

77 28.4 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 10.690 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

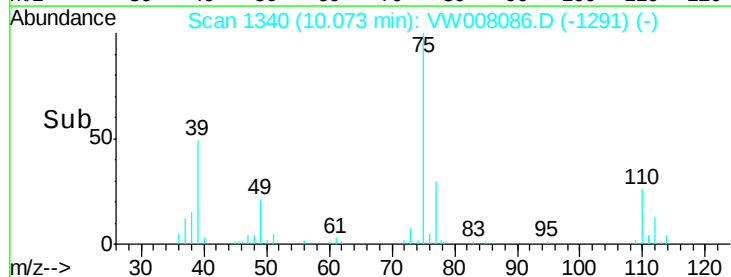
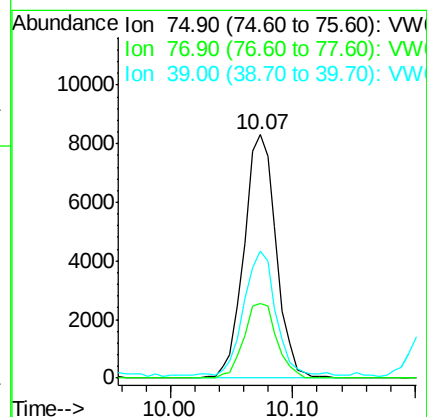
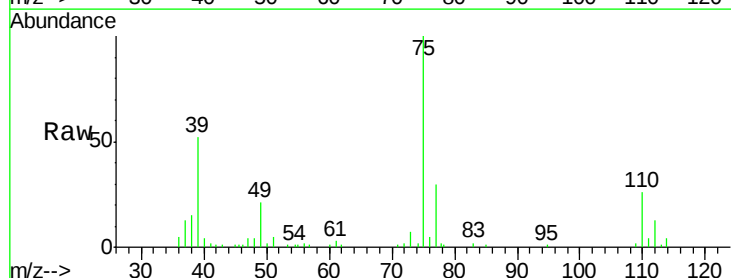
Tgt Ion: 75 Resp: 15119

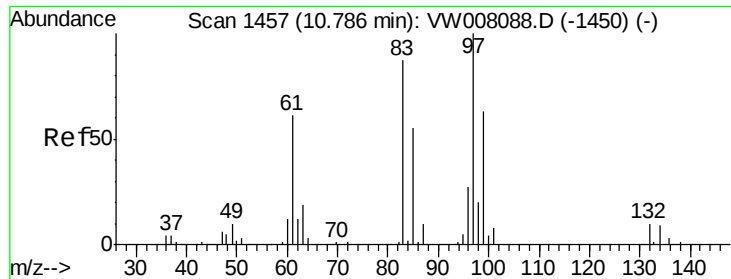
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 50.8 41.4 62.0

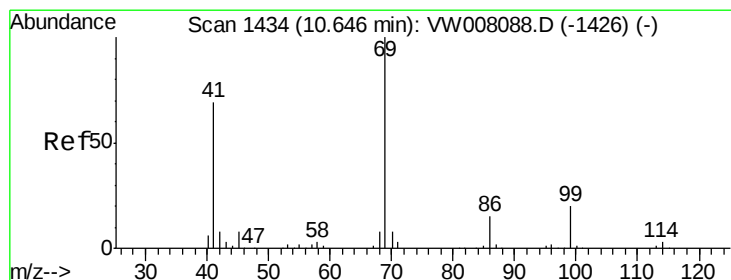
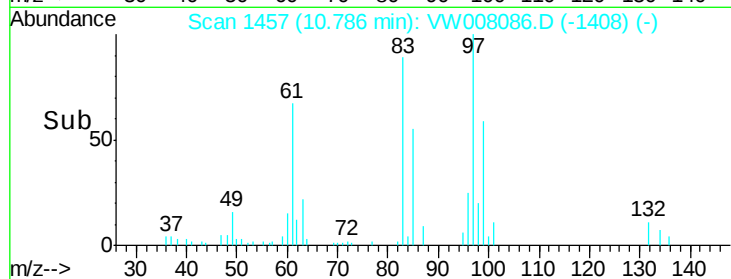
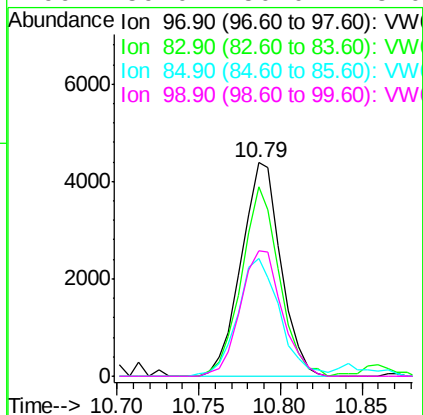
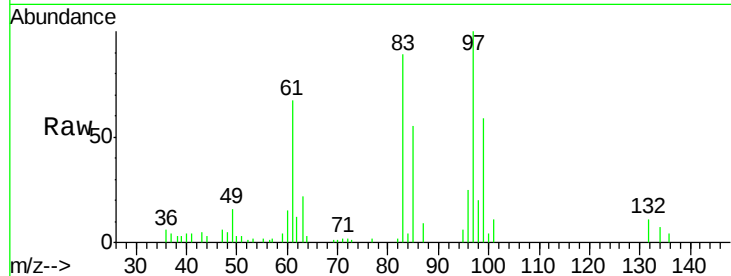




#55
 1,1,2-Trichloroethane
 Concen: 11.757 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

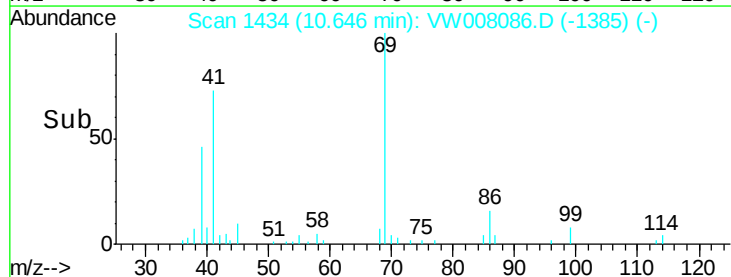
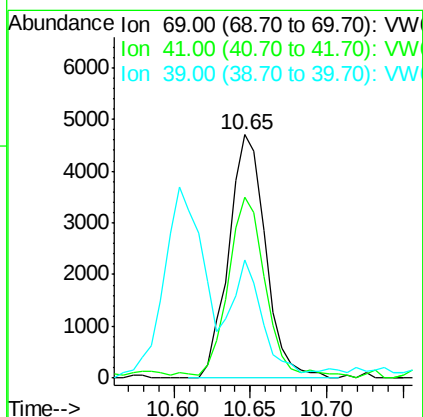
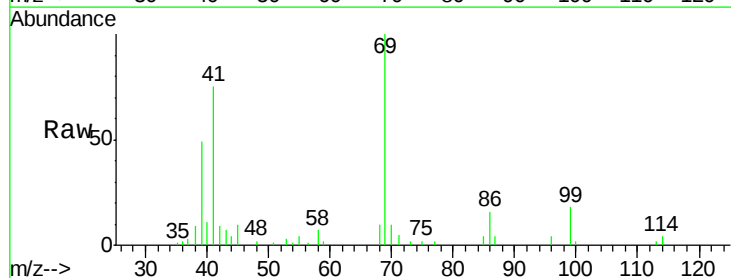
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

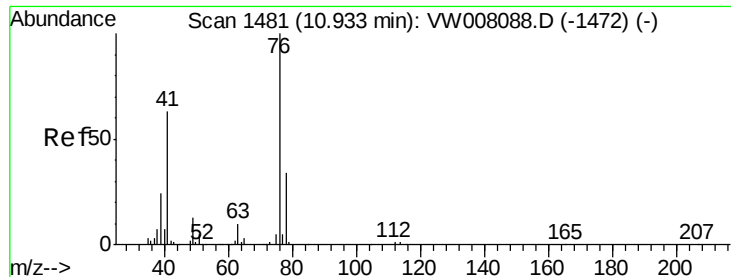
Tot Ion:	97	Resp:	7413
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.3	103.9
85	55.3	43.8	65.6
99	59.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 10.753 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion:	69	Resp:	7864
Ion	Ratio	Lower	Upper
69	100		
41	76.0	56.4	84.6
39	38.3	28.1	42.1

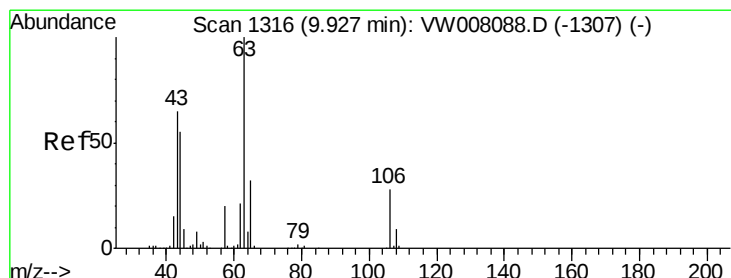
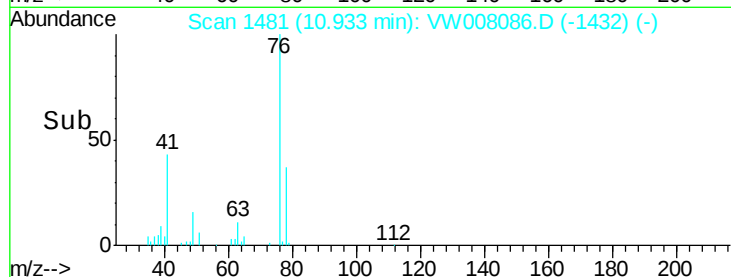
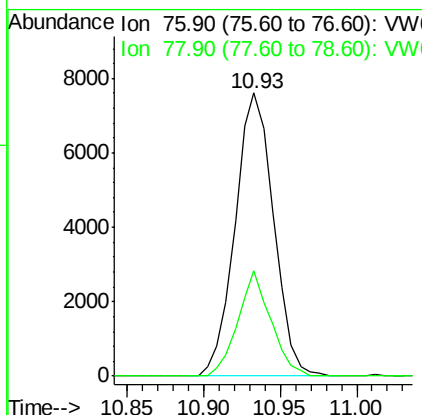
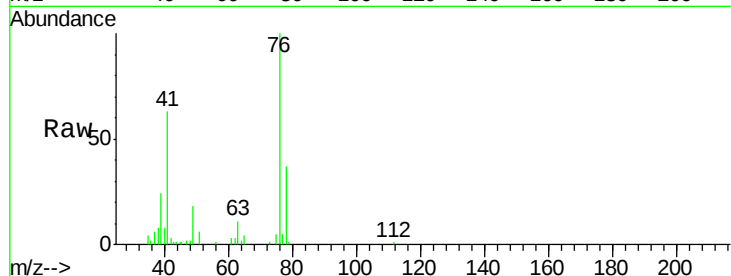




#57
 1,3-Dichloropropane
 Concen: 12.106 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

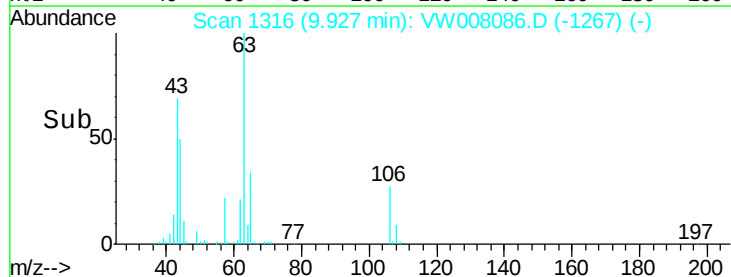
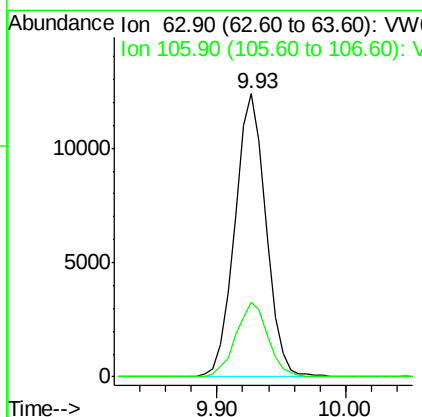
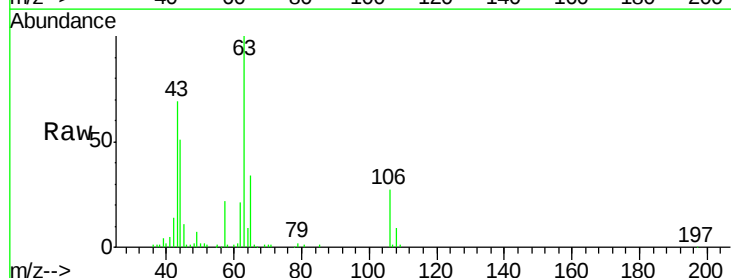
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

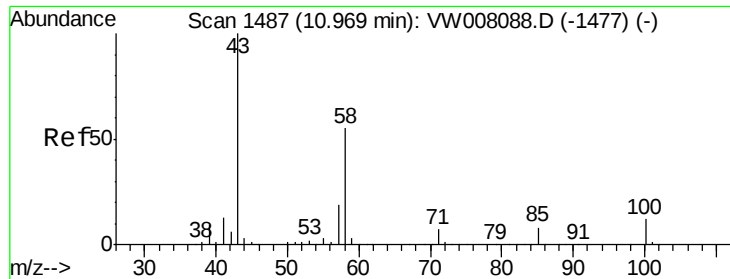
Tot Ion: 76 Resp: 13252
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 57.917 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 63 Resp: 20683
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.6





#59

2-Hexanone

Concen: 68.810 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

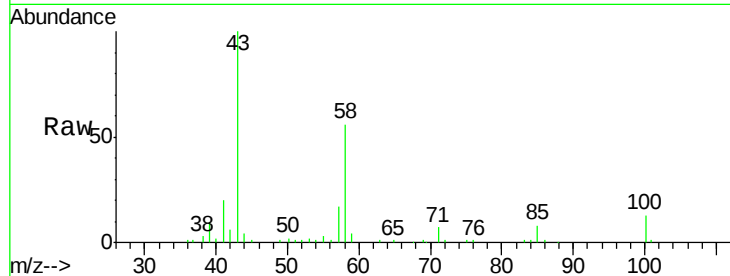
VSTDIC010

Tot Ion: 43 Resp: 19518

Ion Ratio Lower Upper

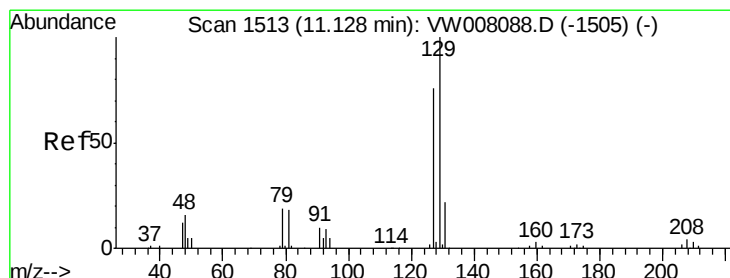
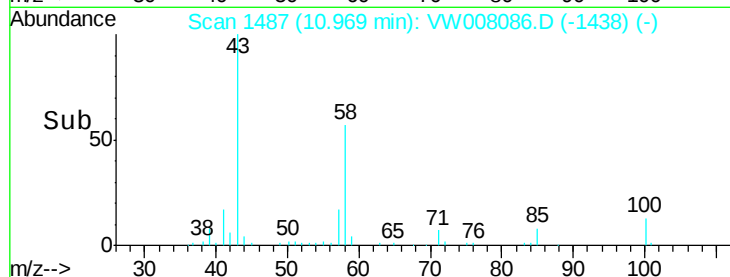
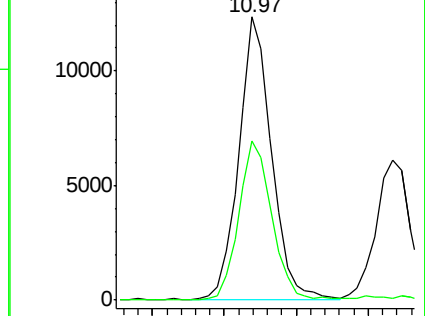
43 100

58 56.7 27.2 81.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 8.411 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW008086.D

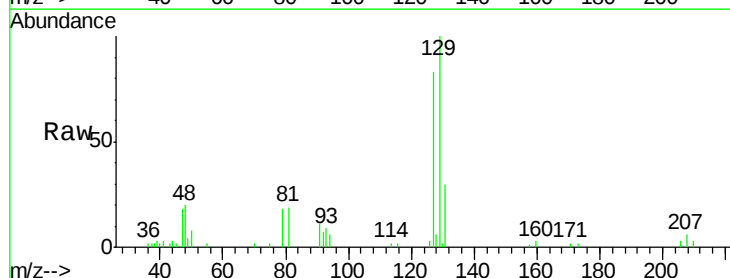
Acq: 08 Jan 2019 15:36

Tgt Ion: 129 Resp: 7093

Ion Ratio Lower Upper

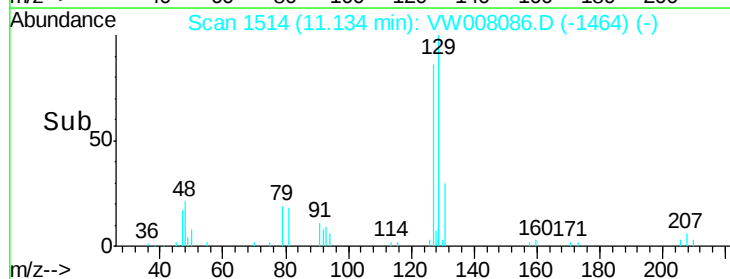
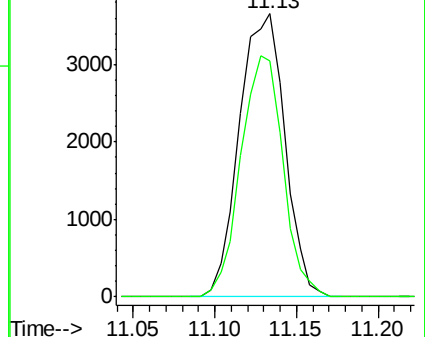
129 100

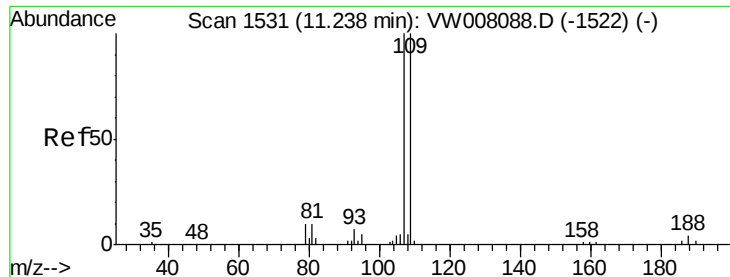
127 79.2 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

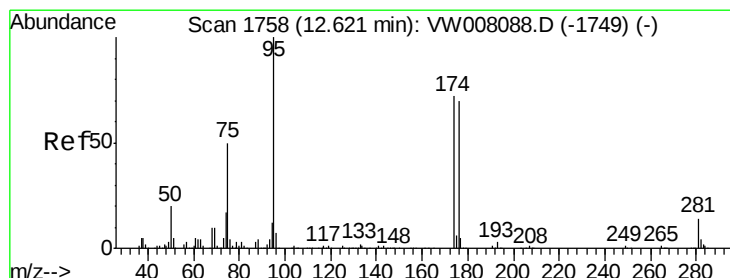
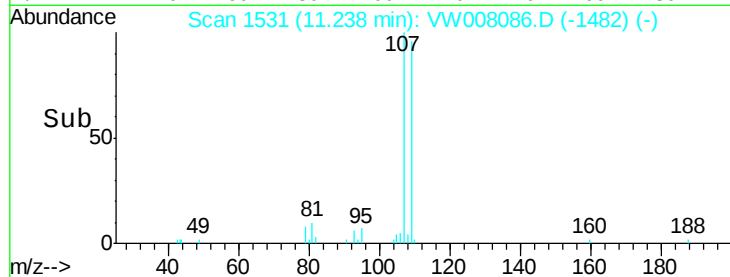
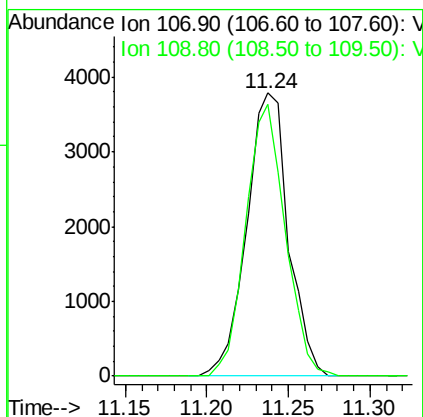
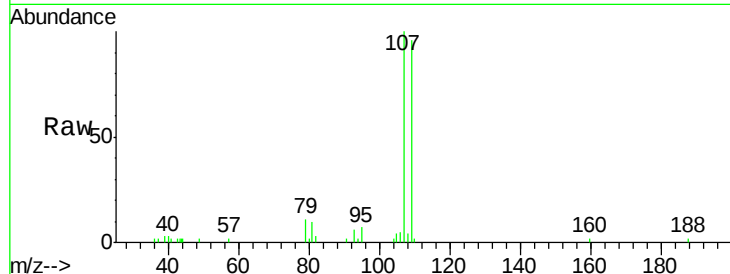




#61
 1,2-Dibromoethane
 Concen: 10.665 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

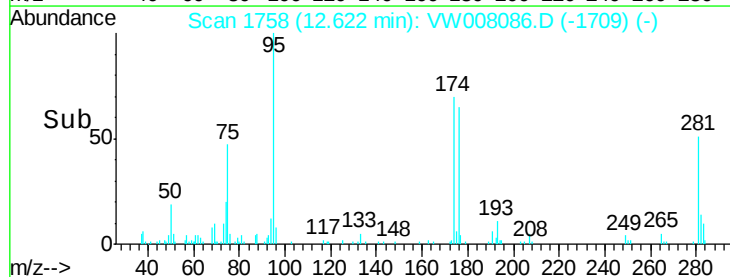
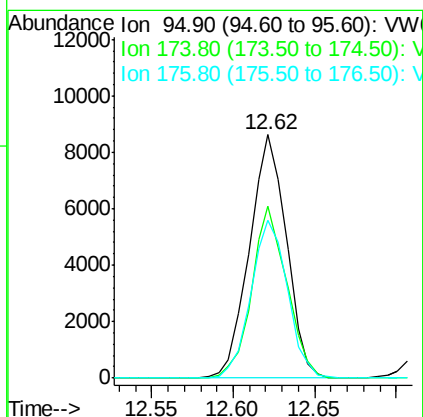
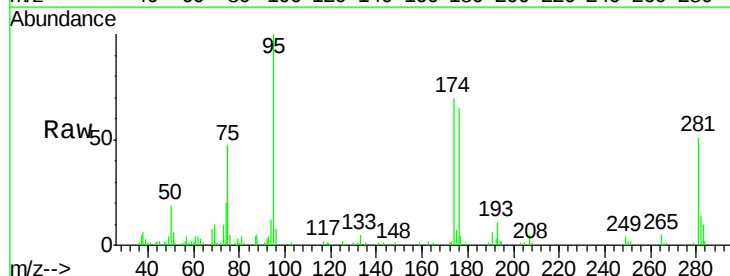
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

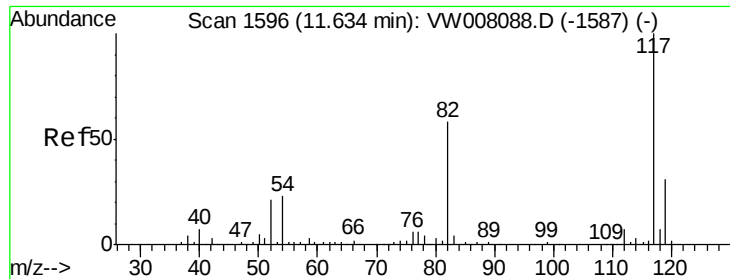
Tot Ion: 107 Resp: 6733
 Ion Ratio Lower Upper
 107 100
 109 91.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 10.591 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 95 Resp: 13596
 Ion Ratio Lower Upper
 95 100
 174 66.9 0.0 143.0
 176 64.3 0.0 140.2

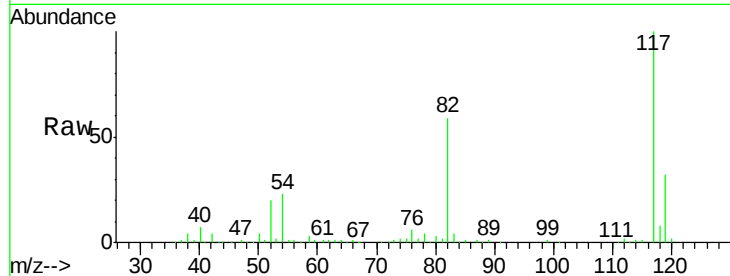




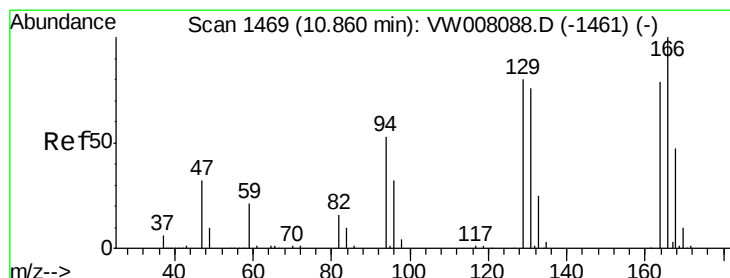
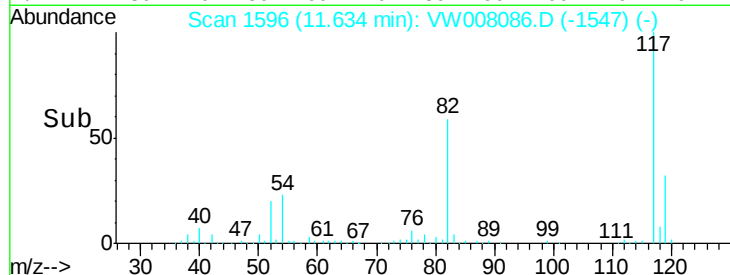
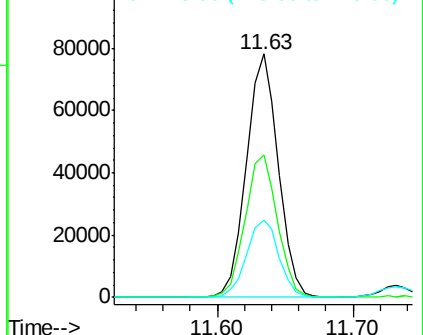
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:117 Resp: 128101
Ion Ratio Lower Upper
117 100
82 58.7 46.4 69.6
119 31.5 24.7 37.1

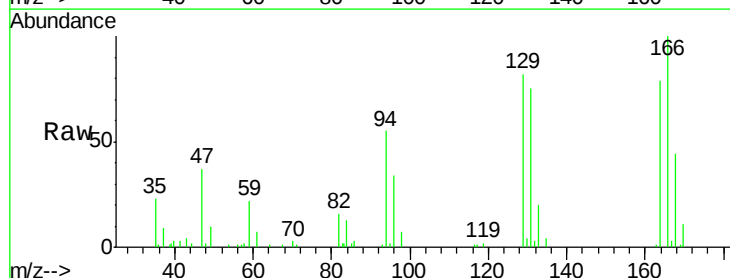


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

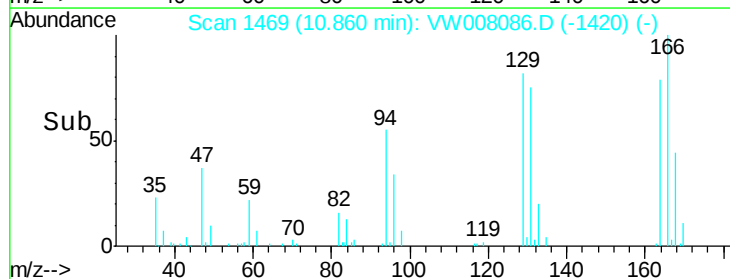
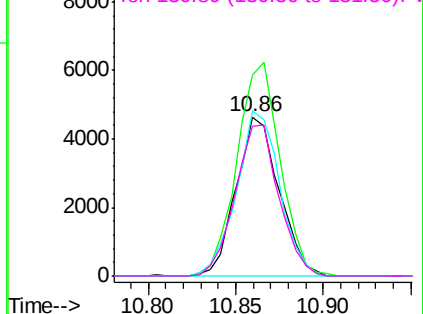


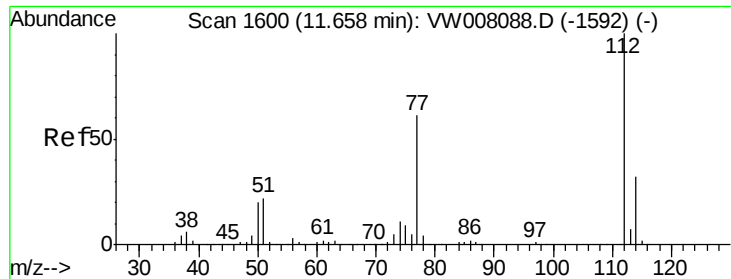
#64
Tetrachloroethene
Concen: 9.267 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion:164 Resp: 7916
Ion Ratio Lower Upper
164 100
166 126.4 100.7 151.1
129 103.9 81.0 121.4
131 94.8 76.1 114.1



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

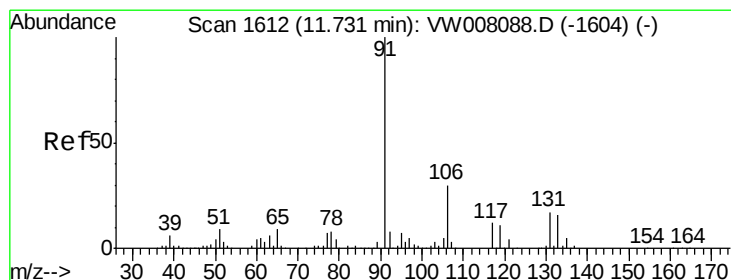
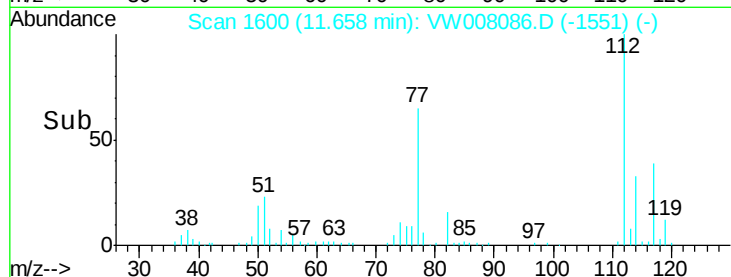
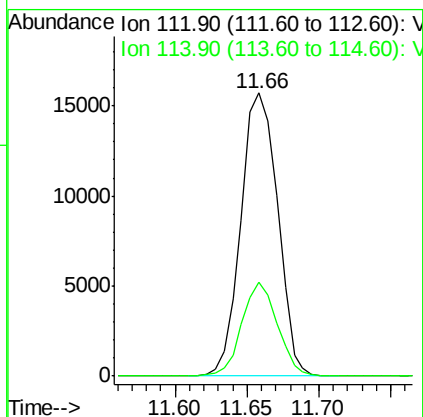
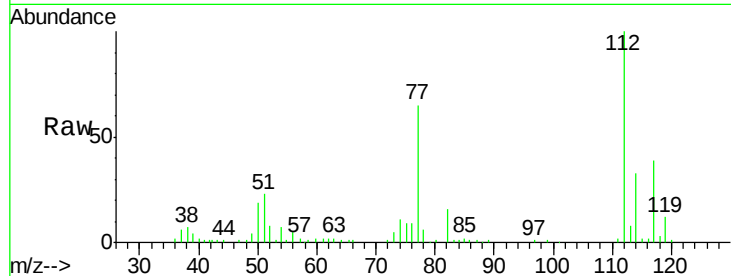




#65
Chlorobenzene
Concen: 10.342 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

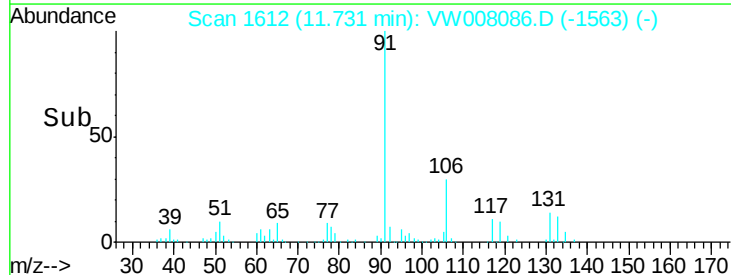
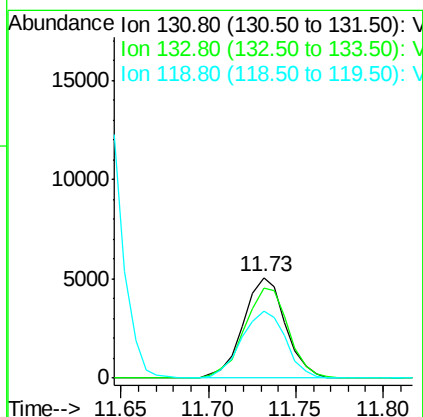
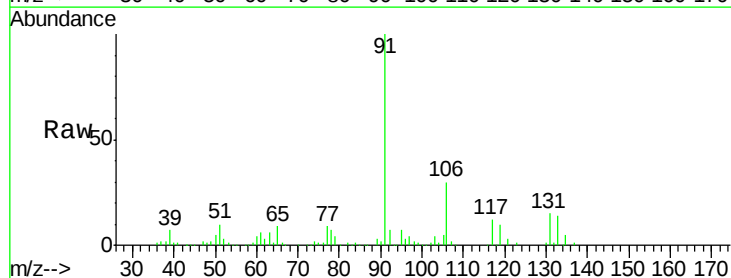
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

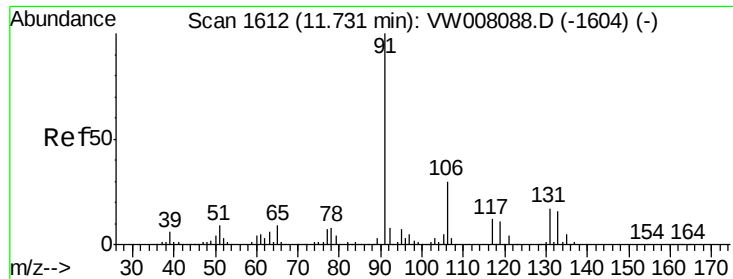
Tot Ion:112 Resp: 27788
Ion Ratio Lower Upper
112 100
114 33.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 8.869 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion:131 Resp: 8517
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.7
119 70.0 32.5 97.4

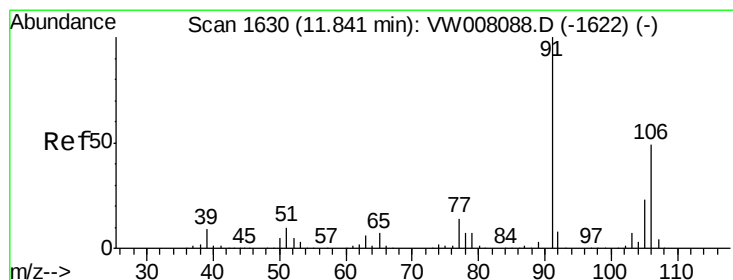
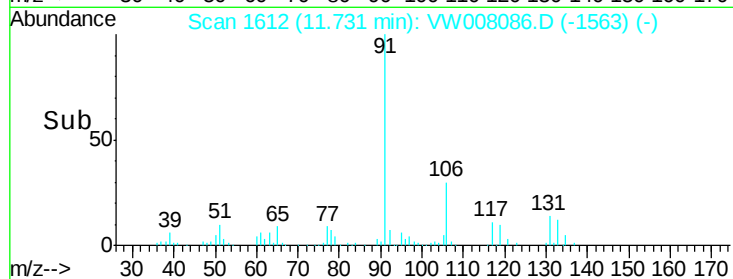
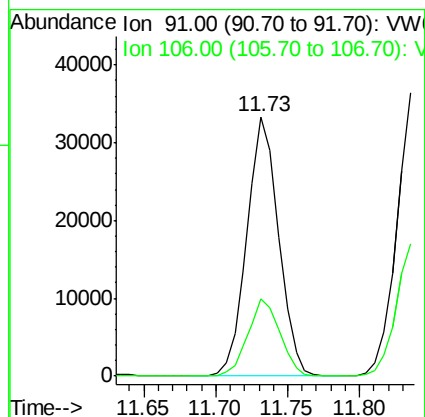
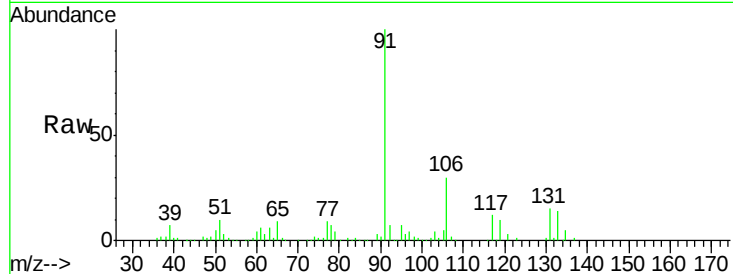




#67
Ethyl Benzene
Concen: 10.554 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

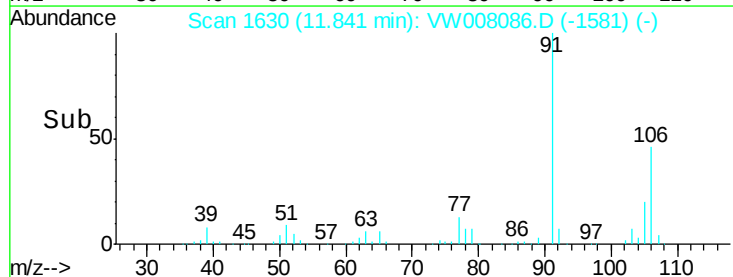
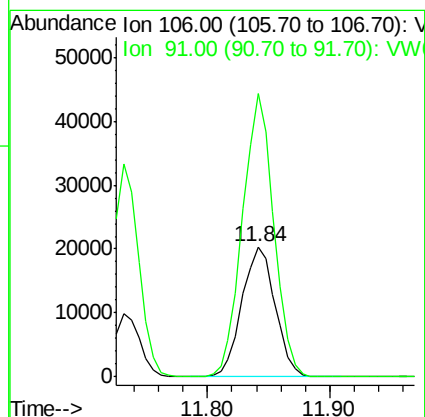
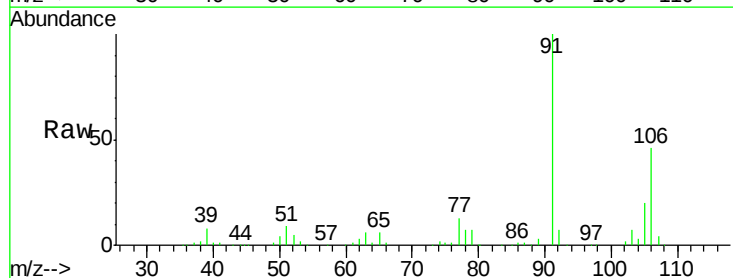
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

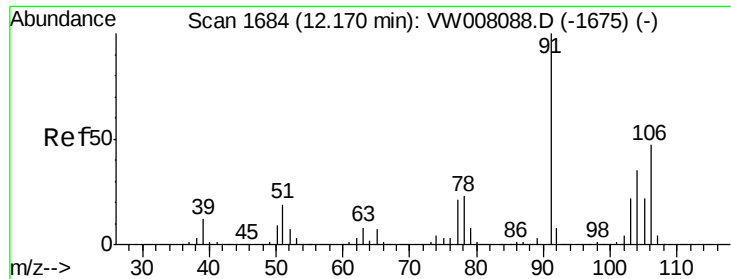
Tot Ion: 91 Resp: 50690
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



#68
m/p-Xylenes
Concen: 20.708 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion: 106 Resp: 38352
Ion Ratio Lower Upper
106 100
91 204.9 162.4 243.6

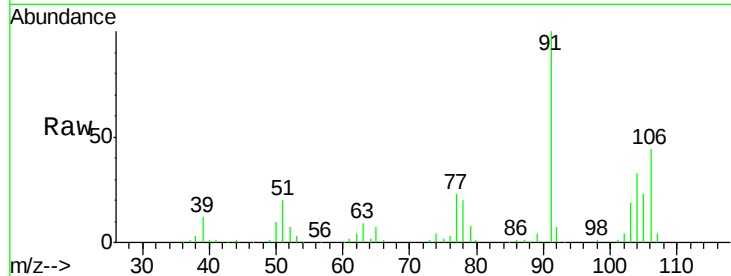




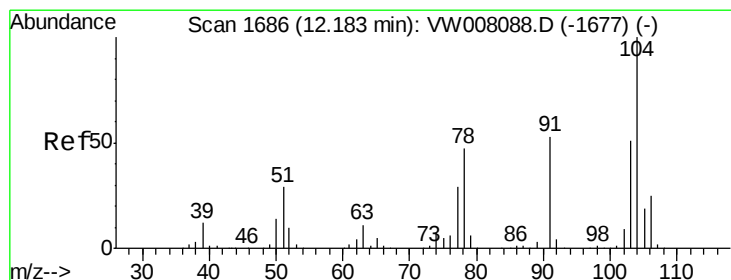
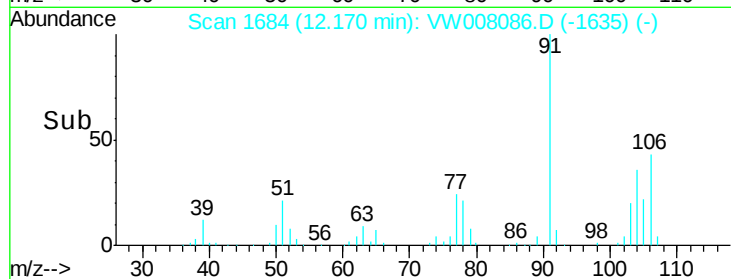
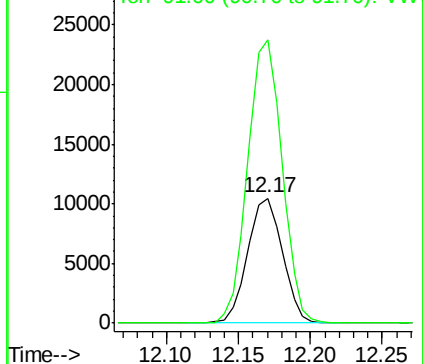
#69
o-Xylene
Concen: 10.209 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 17585
Ion Ratio Lower Upper
106 100
91 222.6 107.8 323.6

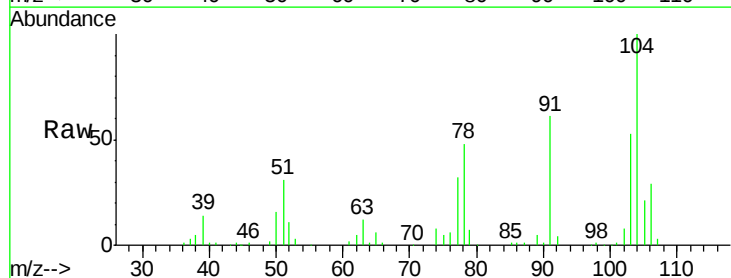


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

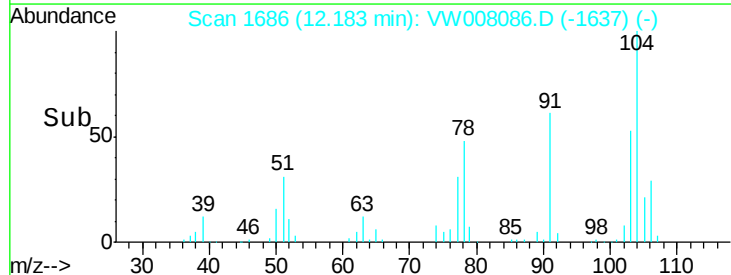
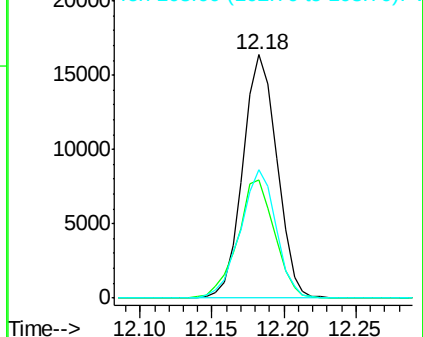


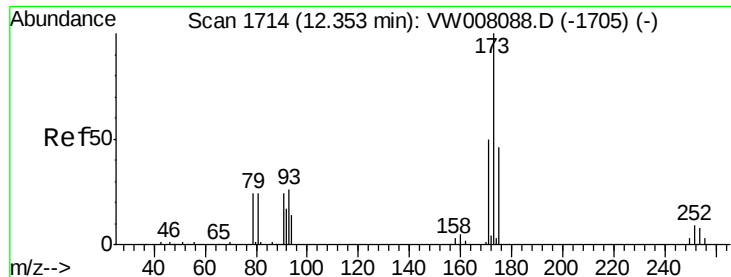
#70
Styrene
Concen: 9.633 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion:104 Resp: 26978
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 55.0 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V

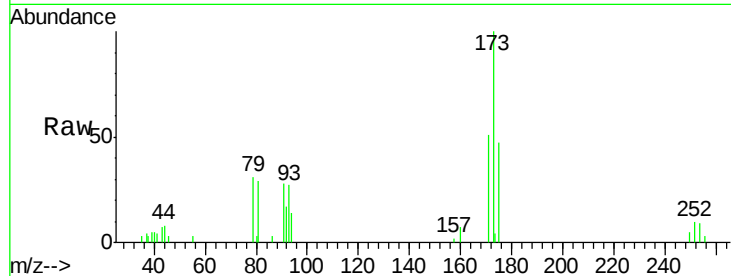




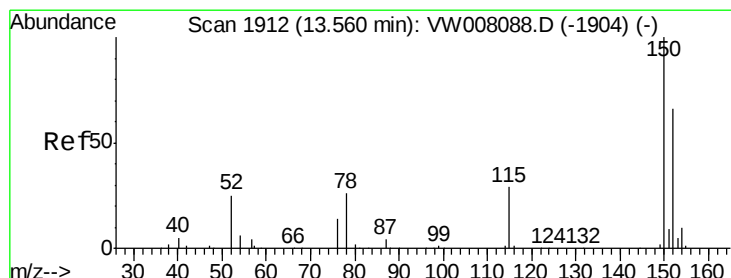
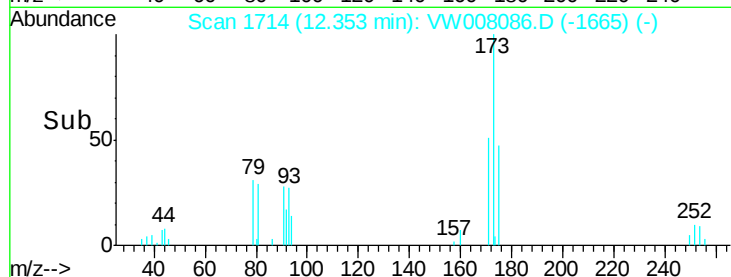
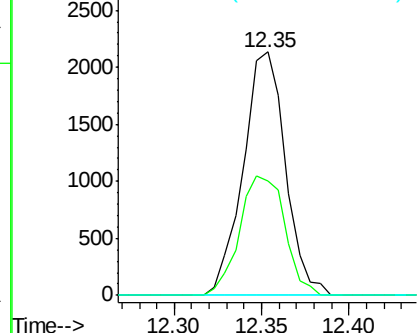
#71
Bromoform
Concen: 8.105 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:173 Resp: 3591
Ion Ratio Lower Upper
173 100
175 52.6 23.3 69.8
254 0.0 0.0 0.0

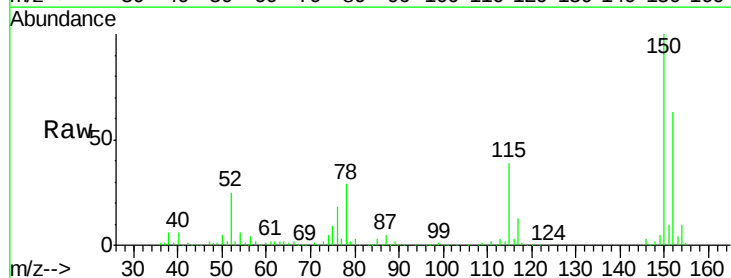


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

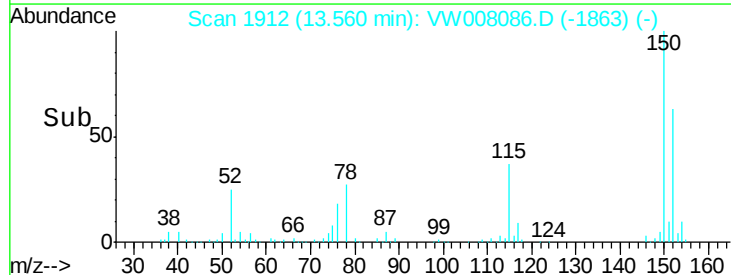
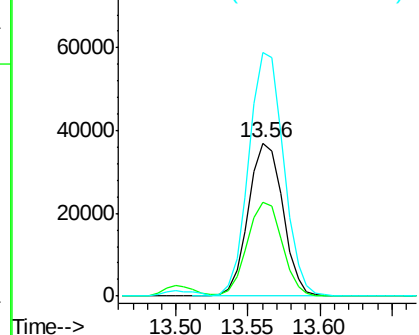


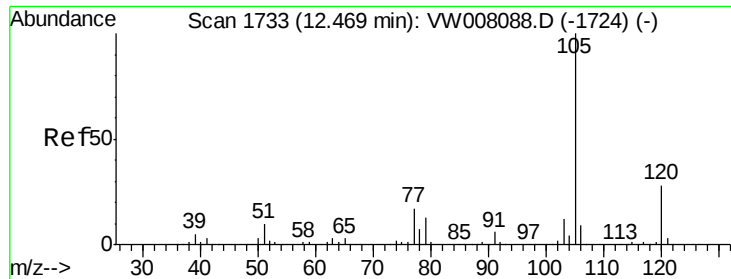
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion:152 Resp: 61184
Ion Ratio Lower Upper
152 100
115 62.4 30.8 92.4
150 160.6 0.0 350.2



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: 10.171 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

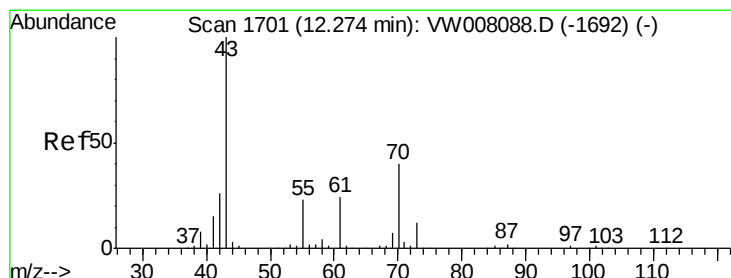
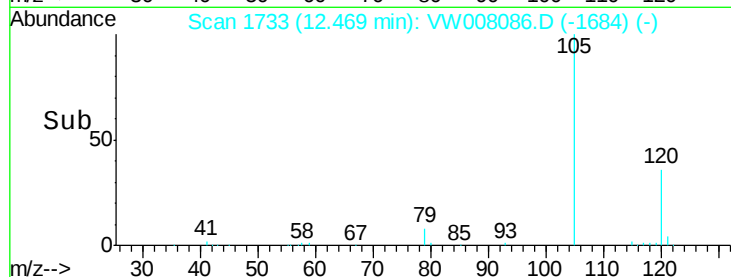
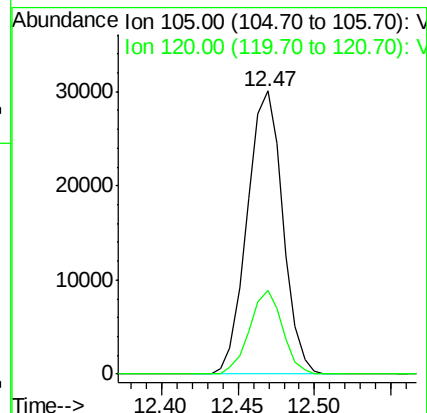
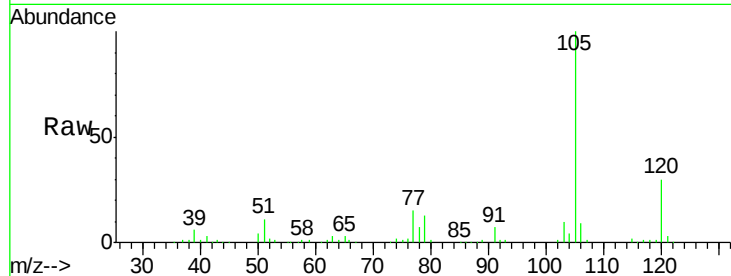
VSTDIC010

Tot Ion:105 Resp: 48713

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.8



#74

N-ethyl acetate

Concen: 12.989 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Tgt Ion: 43 Resp: 10349

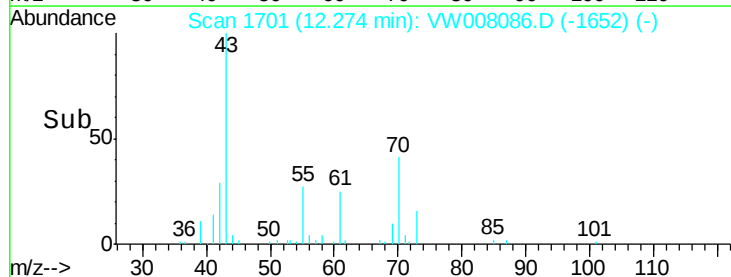
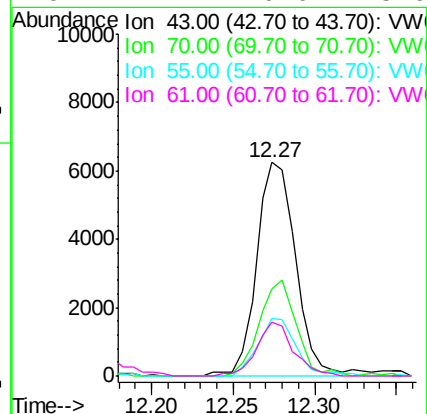
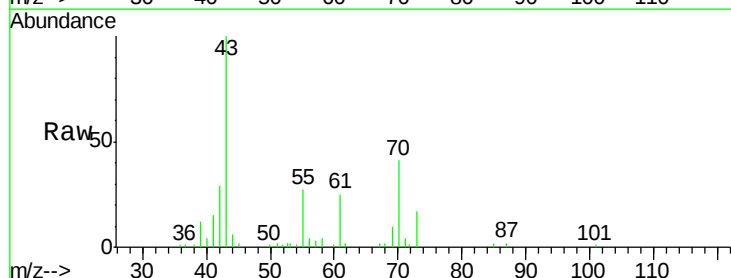
Ion Ratio Lower Upper

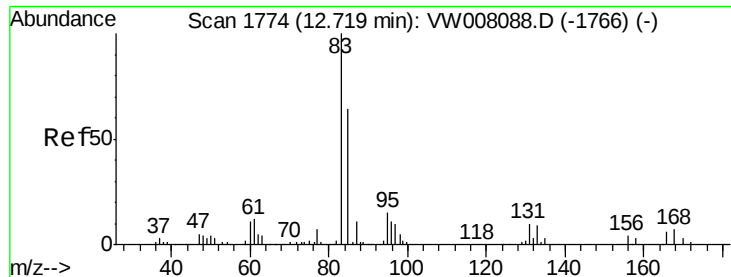
43 100

70 42.9 32.4 48.6

55 26.8 18.7 28.1

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 12.863 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

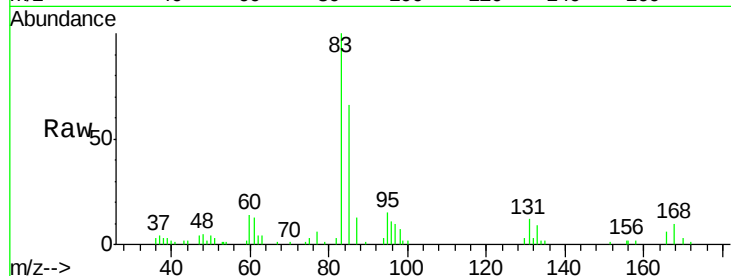
Tot Ion: 83 Resp: 8127

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

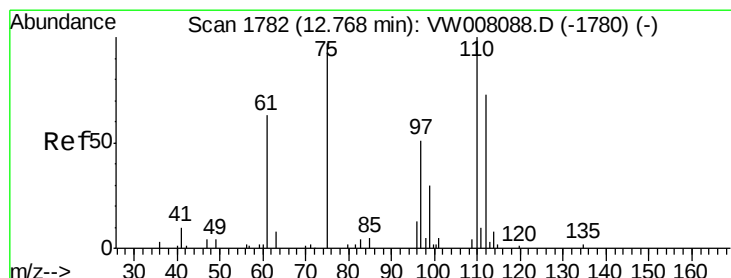
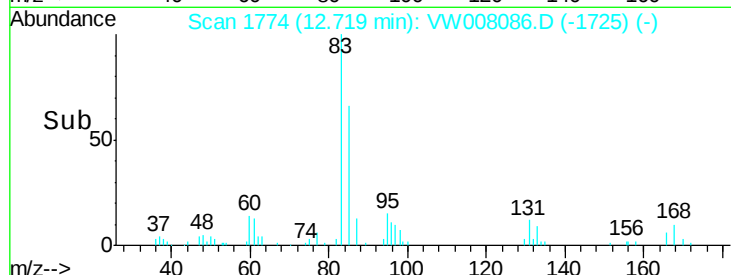
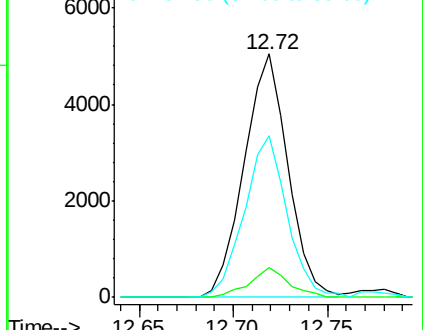
85 64.5 32.4 97.2



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: 21.202 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008086.D

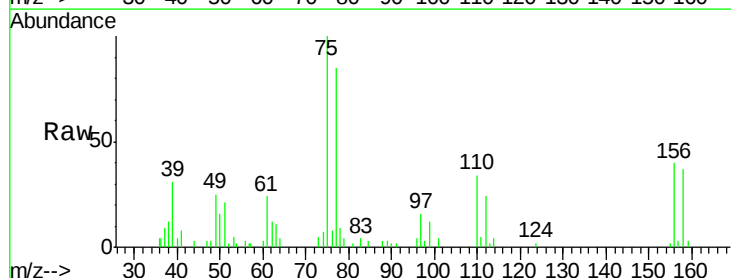
Acq: 08 Jan 2019 15:36

Tgt Ion: 75 Resp: 10423

Ion Ratio Lower Upper

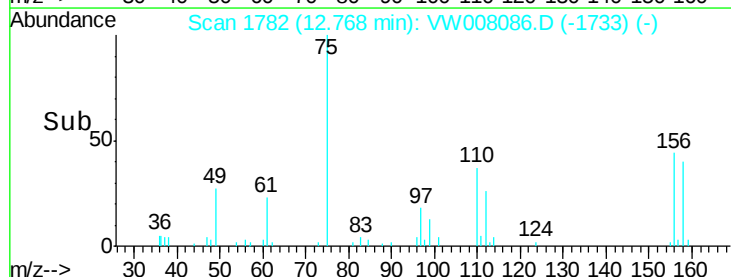
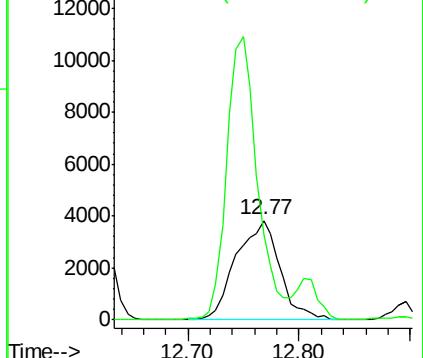
75 100

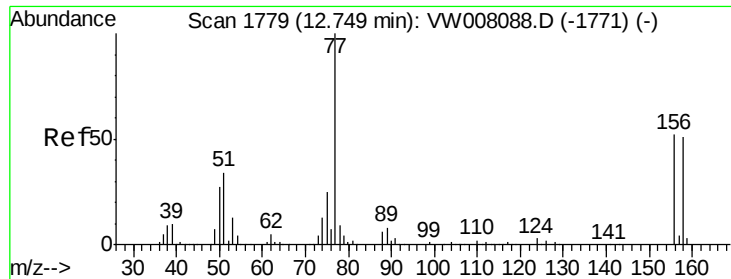
77 199.1 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.868 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

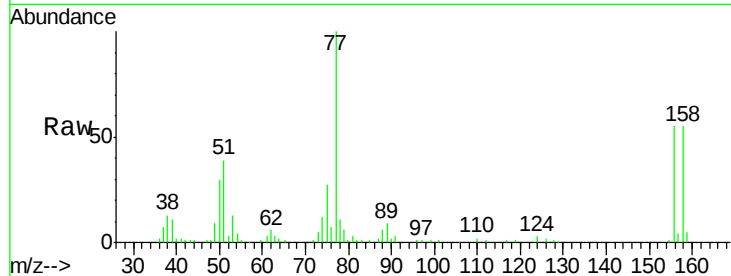
Tot Ion:156 Resp: 10070

Ion Ratio Lower Upper

156 100

77 206.1 104.2 312.5

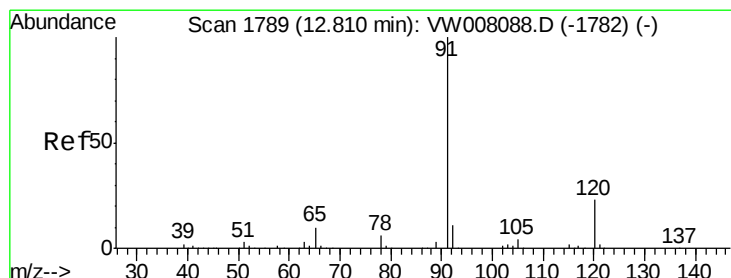
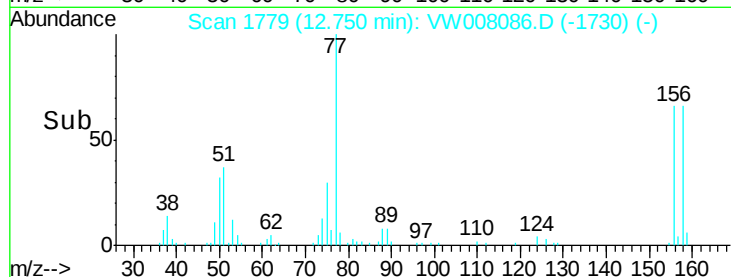
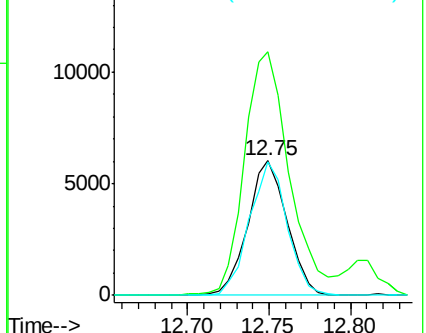
158 95.0 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.721 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008086.D

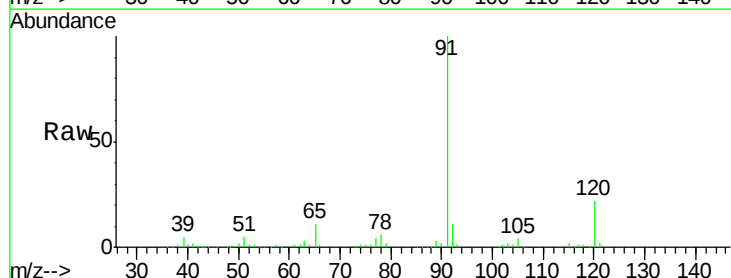
Acq: 08 Jan 2019 15:36

Tgt Ion: 91 Resp: 60200

Ion Ratio Lower Upper

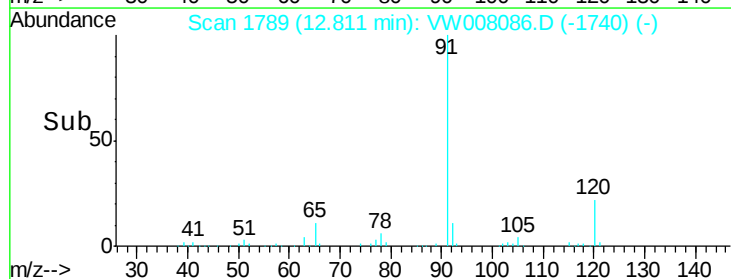
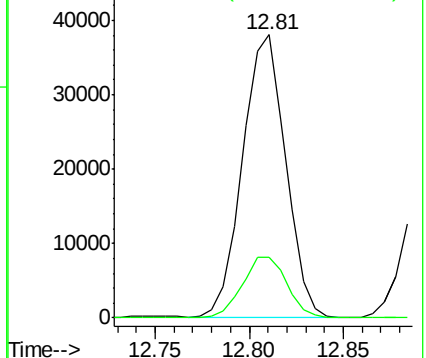
91 100

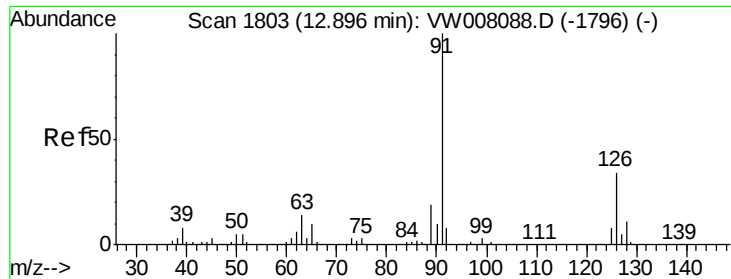
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.649 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

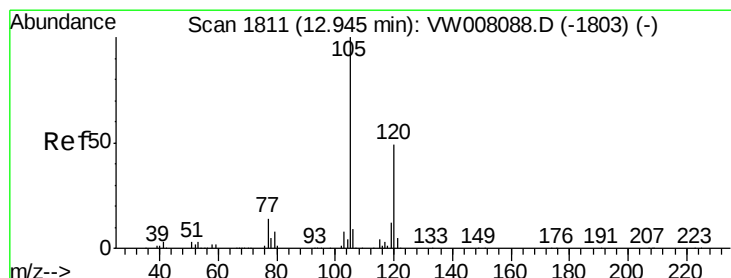
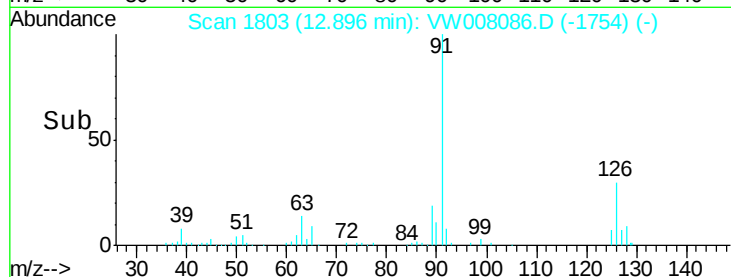
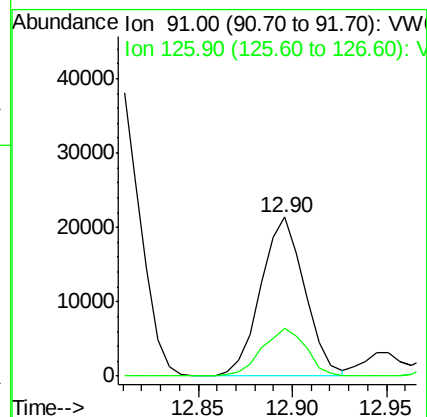
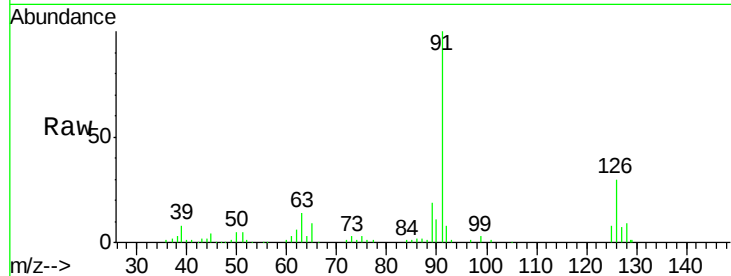
VSTDIC010

Tot Ion: 91 Resp: 34320

Ion Ratio Lower Upper

91 100

126 30.7 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 9.827 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008086.D

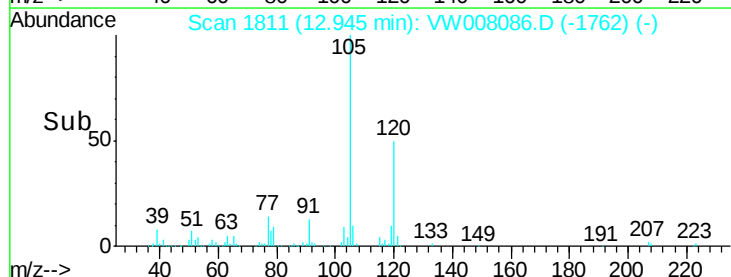
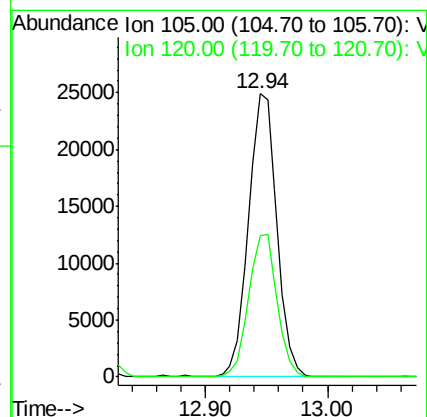
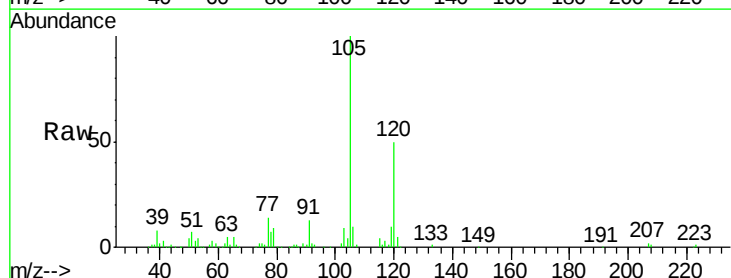
Acq: 08 Jan 2019 15:36

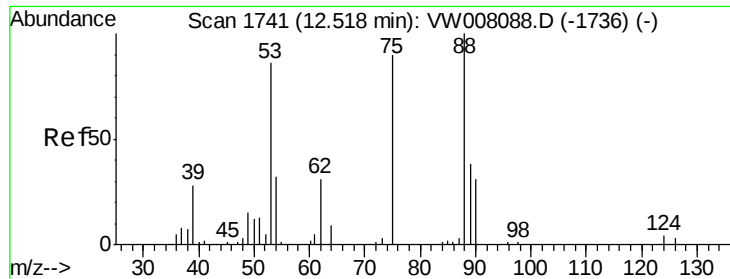
Tgt Ion: 105 Resp: 40224

Ion Ratio Lower Upper

105 100

120 50.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 11.694 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

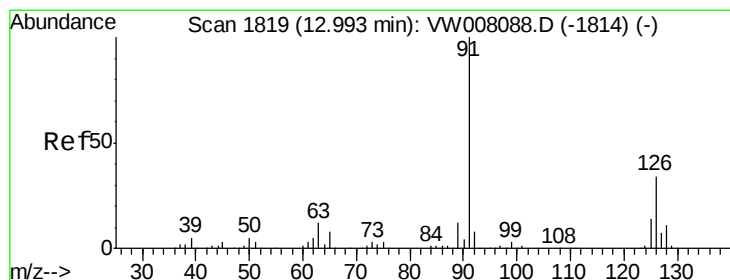
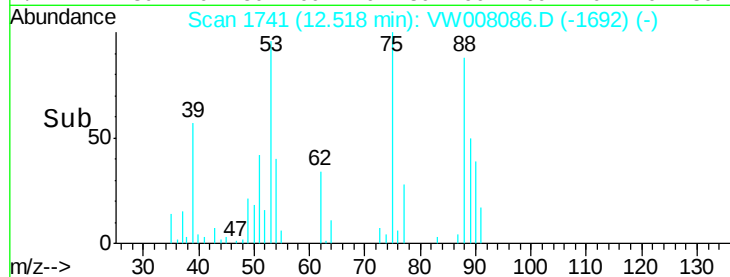
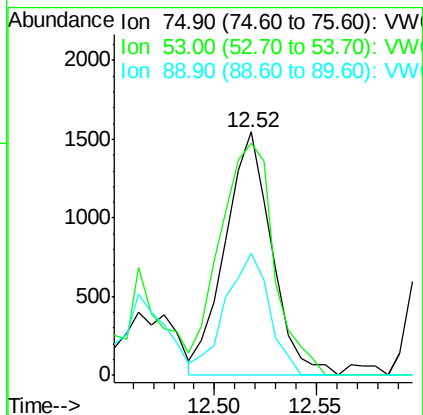
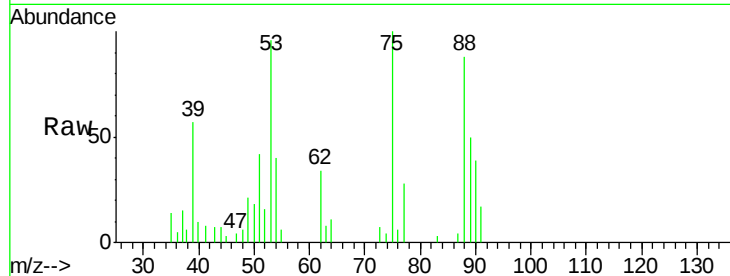
Tot Ion: 75 Resp: 2447

Ion Ratio Lower Upper

75 100

53 111.3 78.8 118.2

89 47.8 35.4 53.2



#82

4-Chlorotoluene

Concen: 10.606 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008086.D

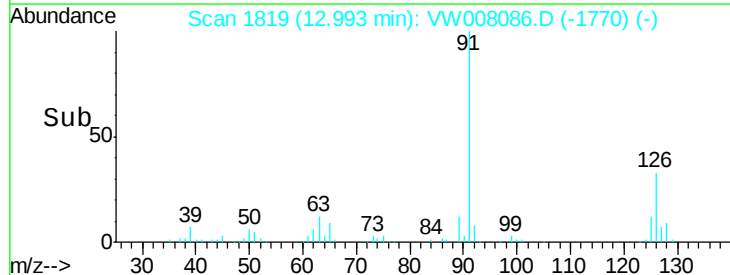
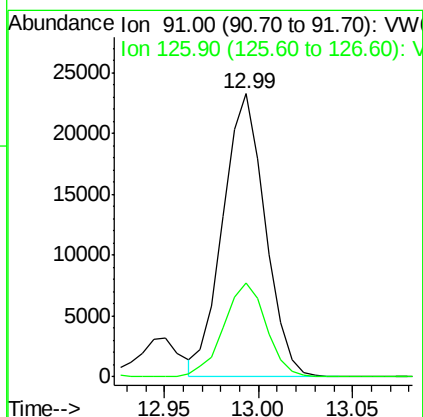
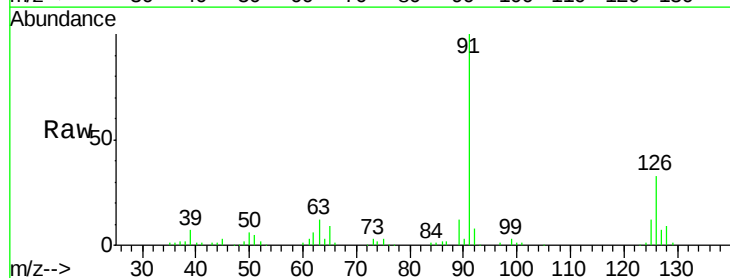
Acq: 08 Jan 2019 15:36

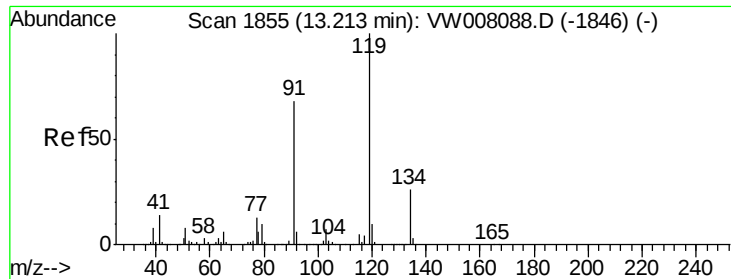
Tgt Ion: 91 Resp: 36320

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5

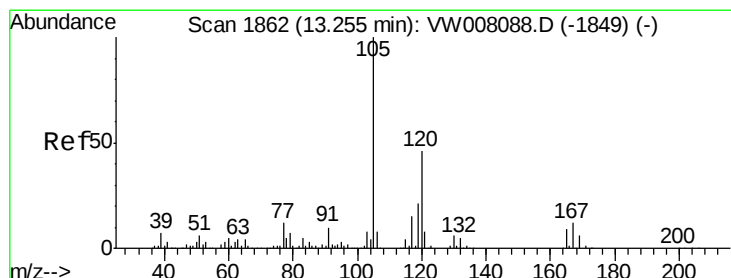
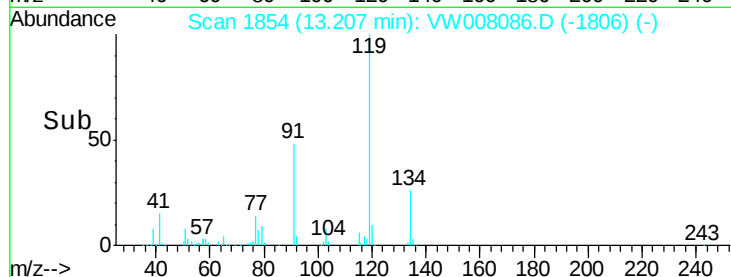
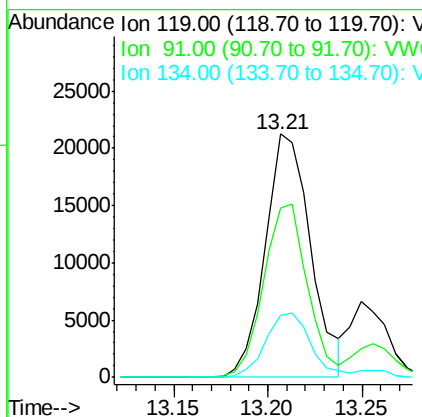
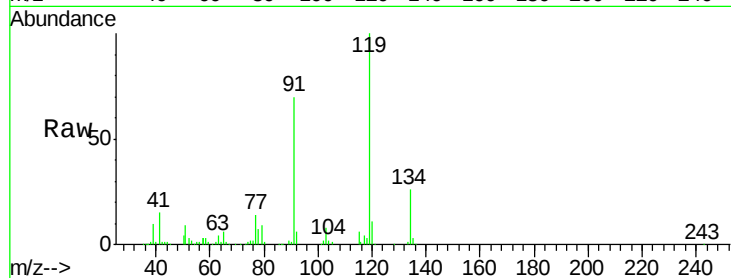




#83
tert-Butylbenzene
Concen: 9.911 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

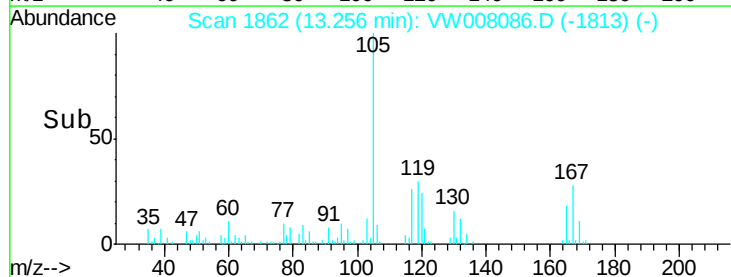
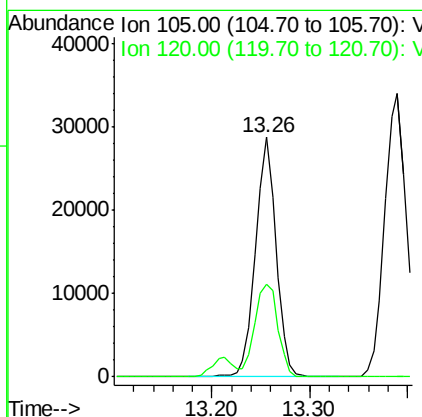
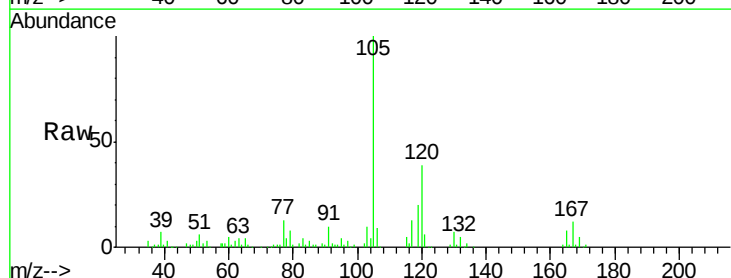
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

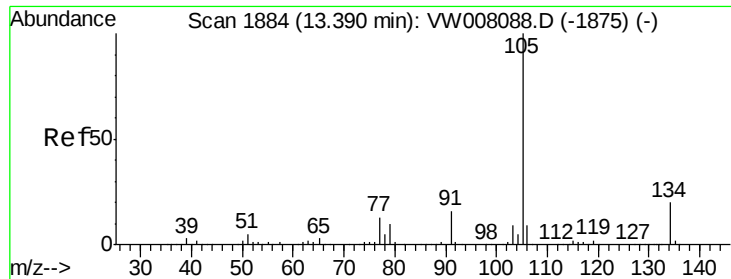
Tot Ion:119 Resp: 35632
Ion Ratio Lower Upper
119 100
91 68.4 33.9 101.6
134 26.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 10.174 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion:105 Resp: 42387
Ion Ratio Lower Upper
105 100
120 43.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 10.455 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

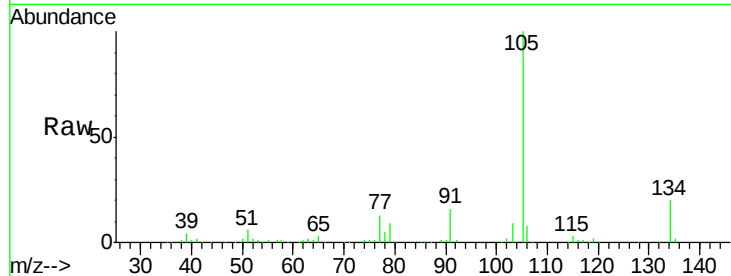
VSTDIC010

Tot Ion:105 Resp: 52175

Ion Ratio Lower Upper

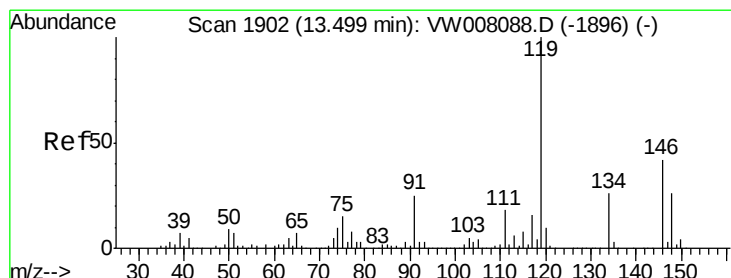
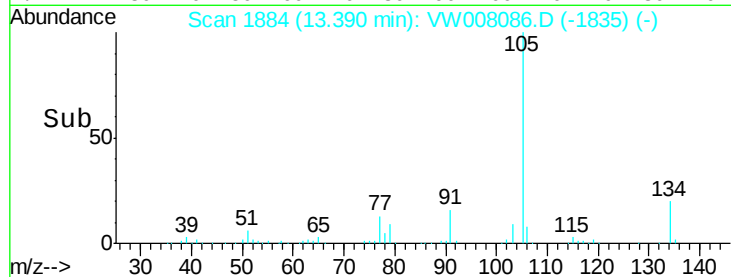
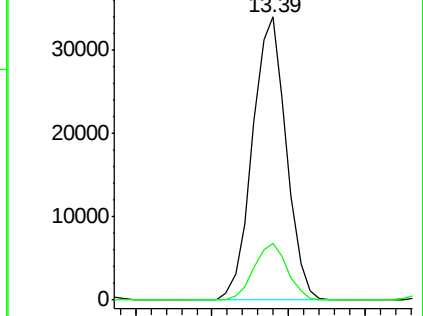
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.983 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

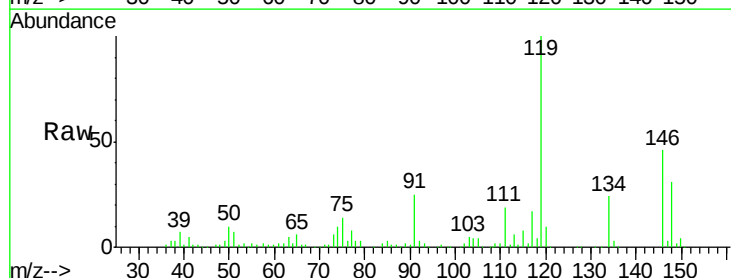
Tgt Ion:119 Resp: 44685

Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.8

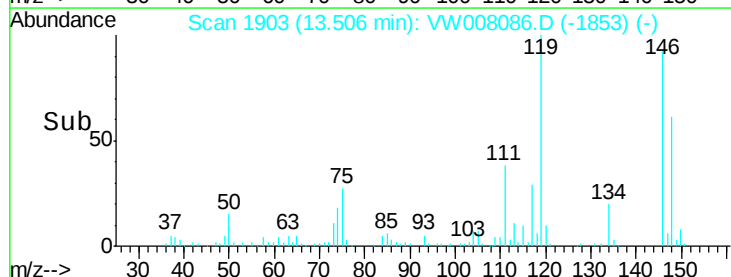
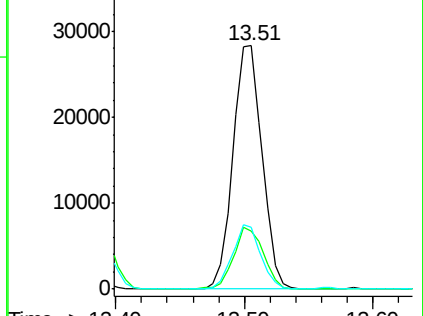
91 25.4 12.3 36.9

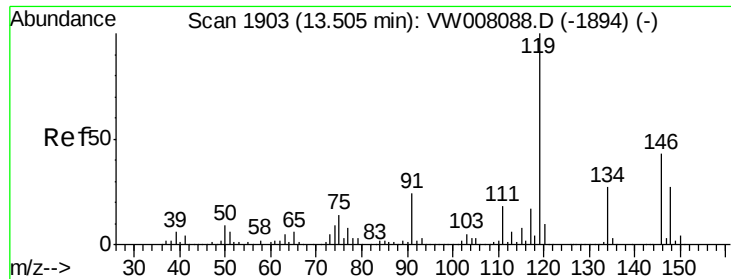


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

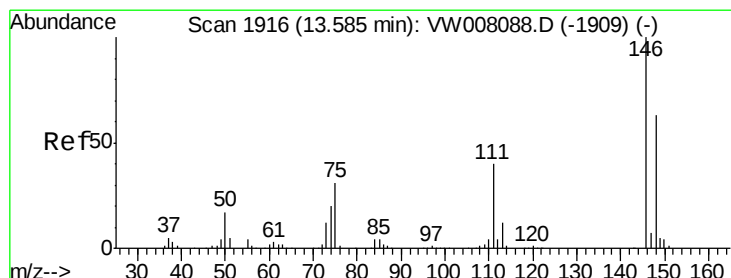
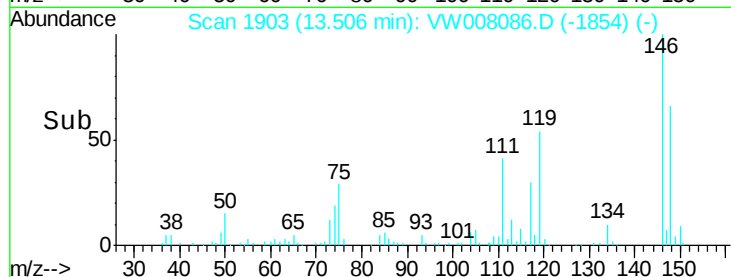
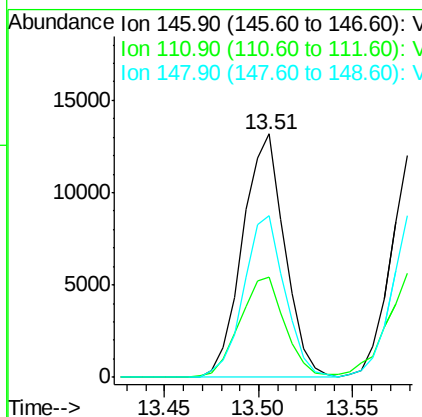
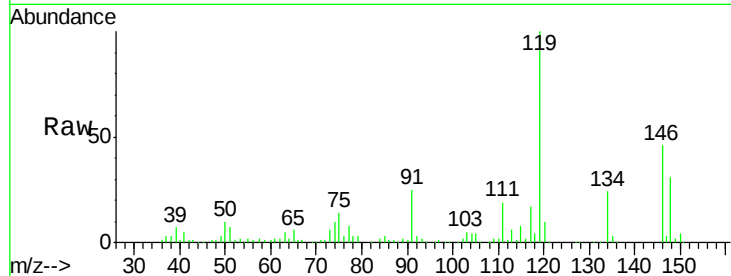




#87
 1,3-Dichlorobenzene
 Concen: 9.817 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

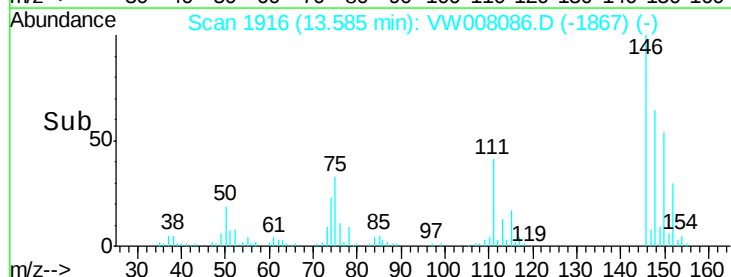
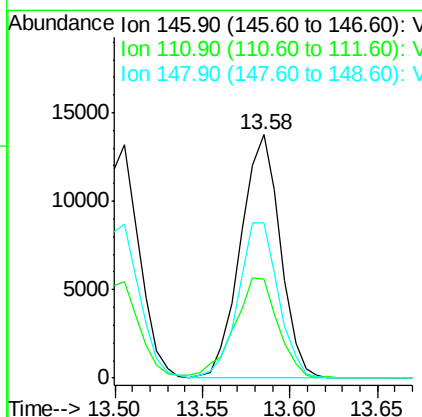
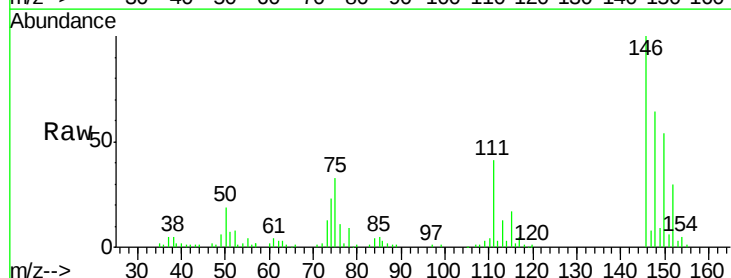
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

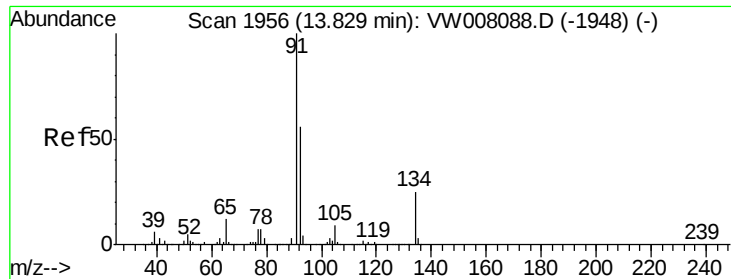
Tot Ion:146 Resp: 20382
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.1 63.1
 148 65.1 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 10.569 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion:146 Resp: 21770
 Ion Ratio Lower Upper
 146 100
 111 45.4 20.5 61.5
 148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 10.894 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

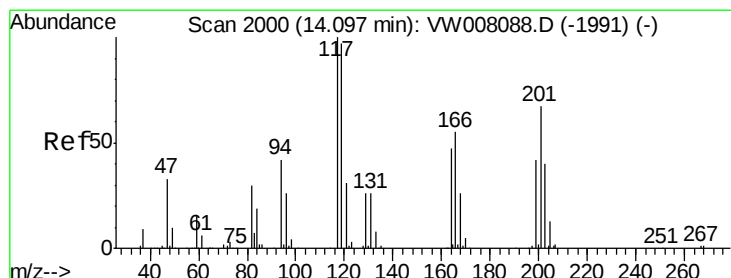
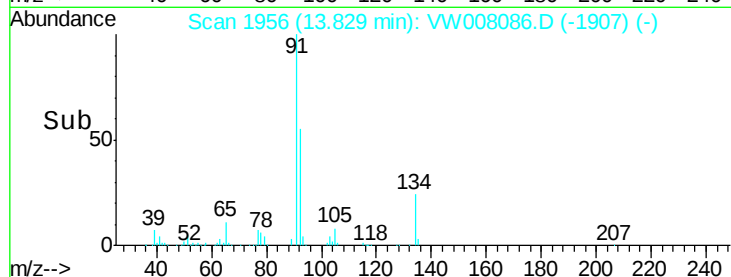
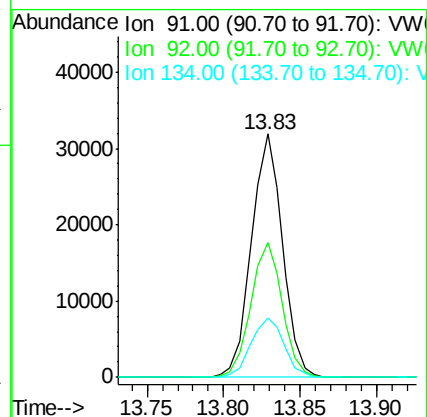
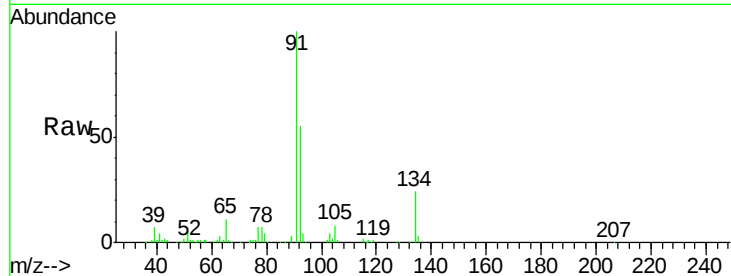
Tot Ion: 91 Resp: 45059

Ion Ratio Lower Upper

91 100

92 56.0 27.4 82.2

134 25.9 12.6 37.8



#90

Hexachloroethane

Concen: 9.054 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008086.D

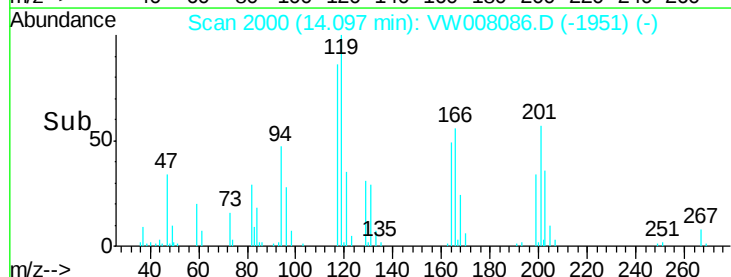
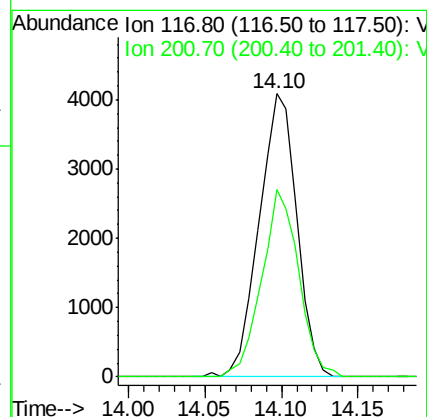
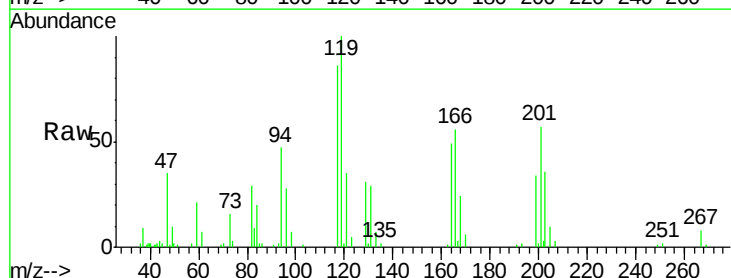
Acq: 08 Jan 2019 15:36

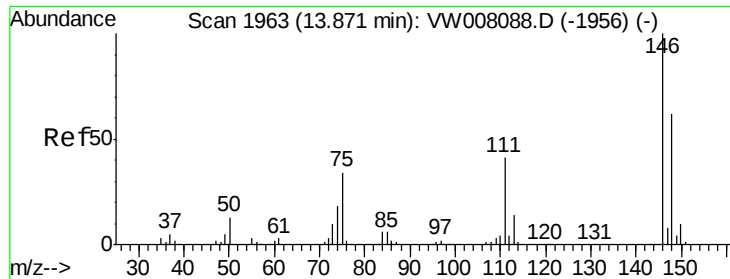
Tgt Ion: 117 Resp: 7010

Ion Ratio Lower Upper

117 100

201 64.9 33.0 98.9

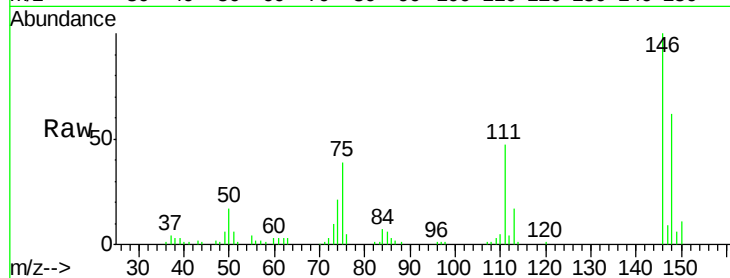




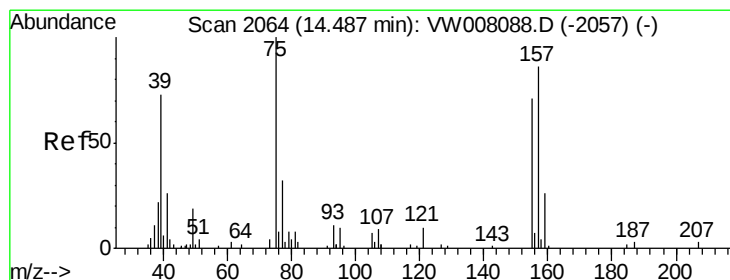
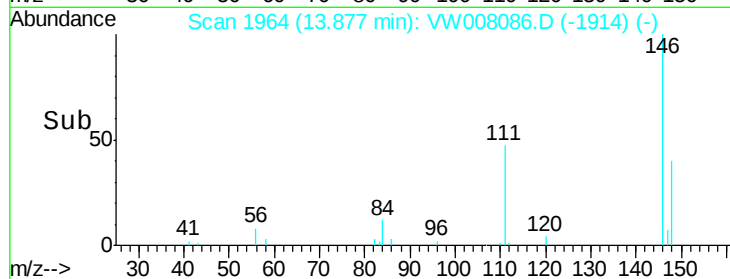
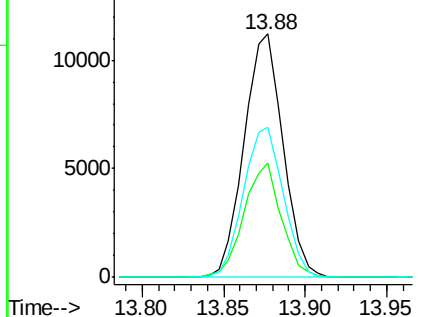
#91
 1,2-Dichlorobenzene
 Concen: 10.165 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:146 Resp: 18576
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.3 63.7
 148 63.1 31.5 94.5

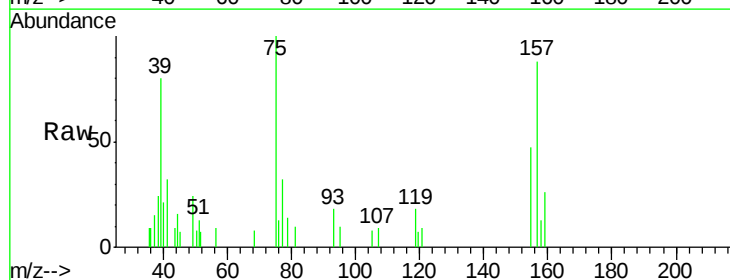


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

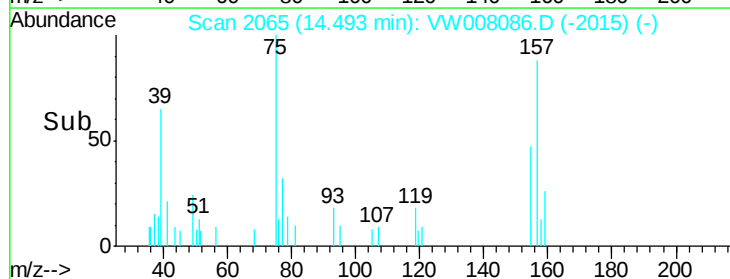
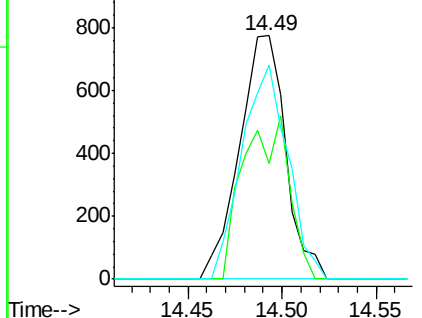


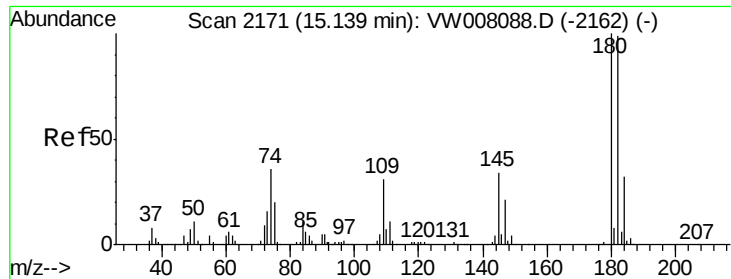
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.619 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008086.D
 Acq: 08 Jan 2019 15:36

Tgt Ion: 75 Resp: 1320
 Ion Ratio Lower Upper
 75 100
 155 65.7 38.6 115.7
 157 87.6 47.5 142.6



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

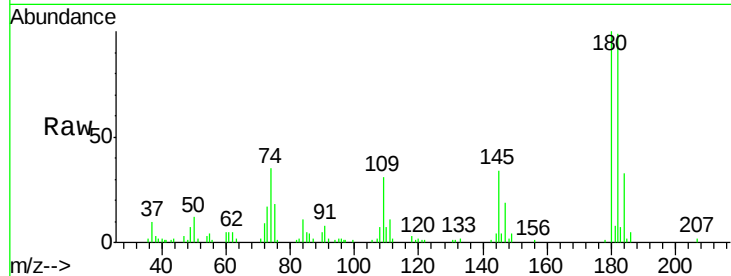




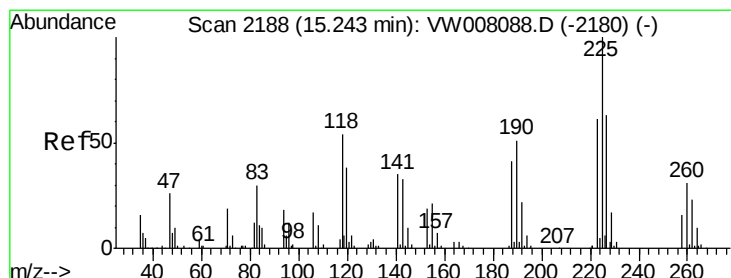
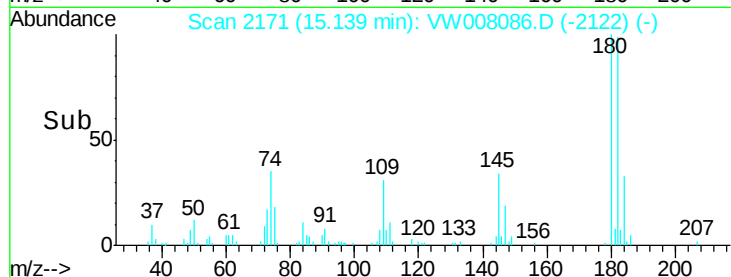
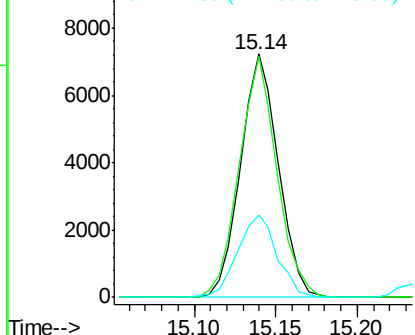
#93
1,2,4-Trichlorobenzene
Concen: 9.226 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:180 Resp: 11633
Ion Ratio Lower Upper
180 100
182 98.6 48.6 145.9
145 35.4 16.6 49.7

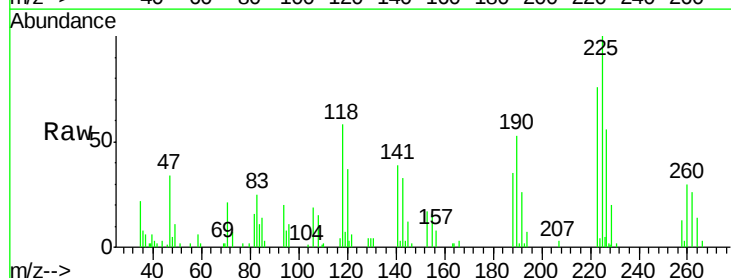


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

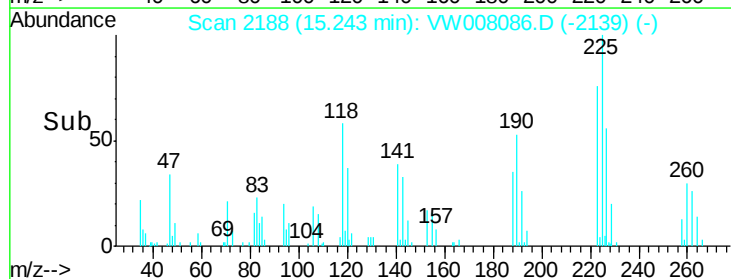
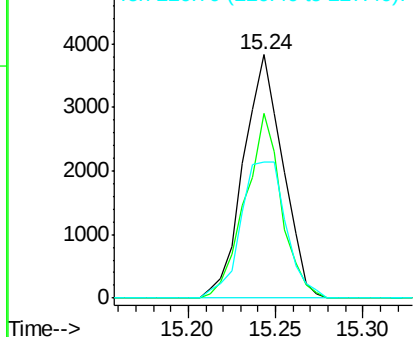


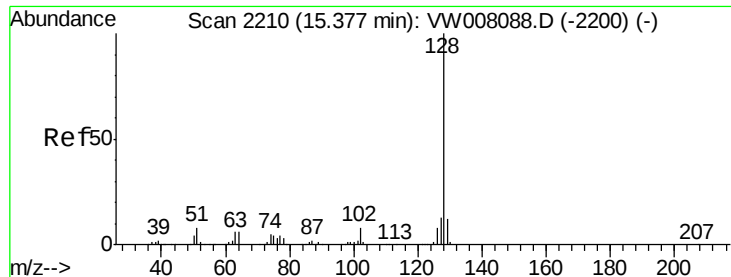
#94
Hexachlorobutadiene
Concen: 8.277 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008086.D
Acq: 08 Jan 2019 15:36

Tgt Ion:225 Resp: 5982
Ion Ratio Lower Upper
225 100
223 70.4 31.4 94.3
227 65.1 32.0 96.2



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





#95

Naphthalene

Concen: 9.948 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

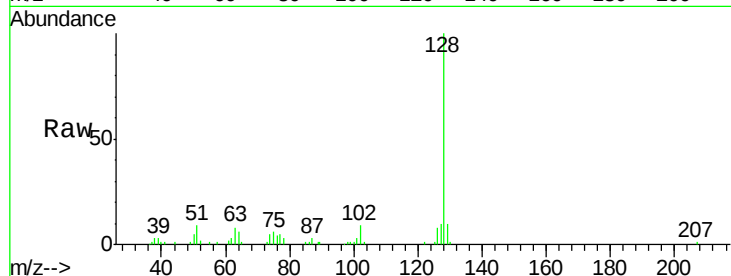
Tot Ion:128 Resp: 21742

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

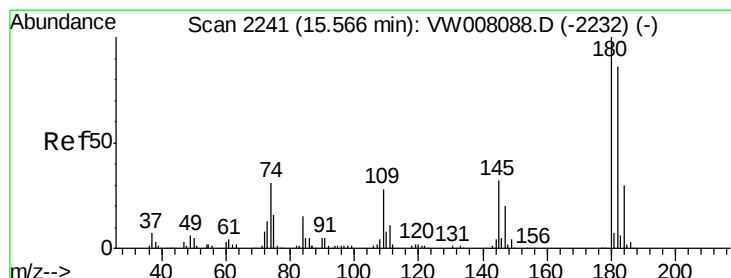
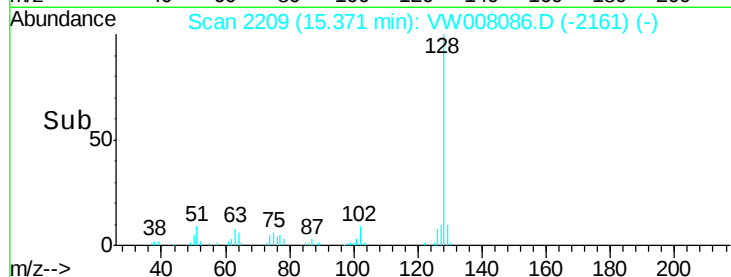
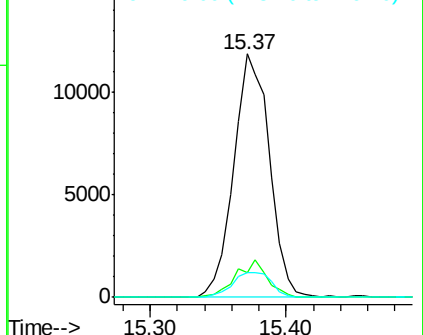
129 11.1 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 9.615 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW008086.D

Acq: 08 Jan 2019 15:36

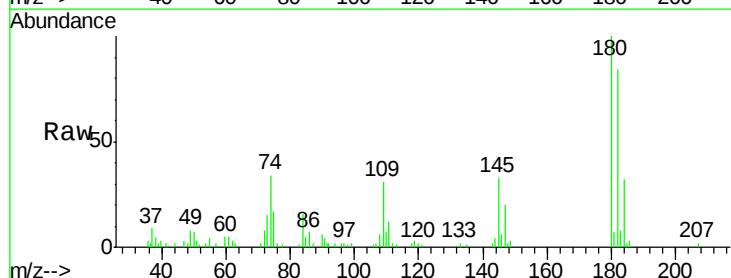
Tgt Ion:180 Resp: 10087

Ion Ratio Lower Upper

180 100

182 93.9 46.5 139.3

145 35.6 17.4 52.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

