

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006936.D
 Acq On : 17 Nov 2018 02:17
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW111718

Quant Time: Nov 17 04:28:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	186466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61056	66.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.56%	
35) Dibromofluoromethane	7.88	113	56014	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.33	98	249297	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.62	95	97389	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	46651	48.028	ug/l 99
3) Chloromethane	2.21	50	44350	42.045	ug/l 96
4) Vinyl Chloride	2.36	62	41231	37.206	ug/l 100
5) Bromomethane	2.77	94	23469	32.454	ug/l 96
6) Chloroethane	2.92	64	23841	33.645	ug/l 98
7) Trichlorofluoromethane	3.26	101	77907	49.942	ug/l 98
8) Diethyl Ether	3.69	74	28944	60.591	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48808	46.443	ug/l 99
10) Methyl Iodide	4.28	142	71326	49.988	ug/l 99
11) Tert butyl alcohol	5.20	59	9771	162.073	ug/l # 78
12) 1,1-Dichloroethene	4.04	96	46347	51.662	ug/l 97
13) Acrolein	3.90	56	19717	313.069	ug/l 100
14) Allyl chloride	4.67	41	83598	66.516	ug/l 98
15) Acrylonitrile	5.37	53	58367	320.286	ug/l 97
16) Acetone	4.14	43	43022	323.643	ug/l 98
17) Carbon Disulfide	4.38	76	149121	52.570	ug/l 97
18) Methyl Acetate	4.68	43	29246	64.094	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	142259	64.028	ug/l 100
20) Methylene Chloride	4.92	84	64697	46.656	ug/l 97
21) trans-1,2-Dichloroethene	5.43	96	54850	51.785	ug/l 99
22) Diisopropyl ether	6.32	45	171677	66.312	ug/l 99
23) Vinyl Acetate	6.26	43	483049	331.339	ug/l 100
24) 1,1-Dichloroethane	6.23	63	100194	60.078	ug/l 99
25) 2-Butanone	7.18	43	71323	319.460	ug/l 99
26) 2,2-Dichloropropane	7.17	77	83425	51.251	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	63830	56.103	ug/l 99
28) Bromochloromethane	7.51	49	37731	64.255	ug/l # 98
29) Tetrahydrofuran	7.54	42	45885	321.041	ug/l 99
30) Chloroform	7.68	83	105672	58.456	ug/l 98
31) Cyclohexane	7.96	56	91027	53.931	ug/l 95
32) 1,1,1-Trichloroethane	7.88	97	92709	54.020	ug/l 99
36) 1,1-Dichloropropene	8.09	75	82560	47.258	ug/l 98
37) Ethyl Acetate	7.26	43	32691	54.783	ug/l 98
38) Carbon Tetrachloride	8.07	117	79896	42.801	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97710	43.621	ug/l	97
40) Benzene	8.32	78	237109	48.582	ug/l	99
41) Methacrylonitrile	7.49	41	20392	55.389	ug/l	97
42) 1,2-Dichloroethane	8.40	62	69269	52.164	ug/l	100
43) Isopropyl Acetate	8.43	43	66165	56.925	ug/l	99
44) Trichloroethene	9.09	130	63597	42.297	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60387	52.476	ug/l	98
46) Dibromomethane	9.46	93	29910	47.398	ug/l	99
47) Bromodichloromethane	9.65	83	80261	50.870	ug/l	98
48) Methyl methacrylate	9.44	41	33015	58.389	ug/l	97
49) 1,4-Dioxane	9.47	88	8814	920.576	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	163301	281.195	ug/l	98
52) Toluene	10.39	92	165963	48.463	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	78891	50.771	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	94386	51.186	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43567	46.511	ug/l	97
56) Ethyl methacrylate	10.65	69	58401	55.833	ug/l	98
57) 1,3-Dichloropropane	10.93	76	75422	50.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	134877	261.749	ug/l	99
59) 2-Hexanone	10.97	43	113086	283.896	ug/l	99
60) Dibromochloromethane	11.13	129	52440	46.280	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41424	46.782	ug/l	99
64) Tetrachloroethene	10.87	164	56257	40.567	ug/l	95
65) Chlorobenzene	11.66	112	183503	46.467	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	56328	44.078	ug/l	98
67) Ethyl Benzene	11.74	91	328242	48.418	ug/l	98
68) m/p-Xylenes	11.84	106	253078	92.085	ug/l	99
69) o-Xylene	12.17	106	121608	47.423	ug/l	100
70) Styrene	12.18	104	199276	48.444	ug/l	100
71) Bromoform	12.35	173	26692	39.209	ug/l #	98
73) Isopropylbenzene	12.47	105	321425	52.109	ug/l	99
74) N-amyl acetate	12.27	43	66218	66.946	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47823	55.556	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	64037	97.469	ug/l #	100
77) Bromobenzene	12.75	156	71324	47.007	ug/l	100
78) n-propylbenzene	12.81	91	379760	52.012	ug/l	100
79) 2-Chlorotoluene	12.90	91	228007	55.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	275191	51.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14476	55.099	ug/l	95
82) 4-Chlorotoluene	12.99	91	240075	54.570	ug/l	100
83) tert-Butylbenzene	13.21	119	229157	49.301	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	277020	51.437	ug/l	99
85) sec-Butylbenzene	13.39	105	318336	48.245	ug/l	100
86) p-Isopropyltoluene	13.51	119	278624	46.767	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	141862	46.045	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	141119	46.242	ug/l	100
89) n-Butylbenzene	13.83	91	258143	47.007	ug/l	100
90) Hexachloroethane	14.10	117	46758	48.790	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	127084	47.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8532	60.255	ug/l	99

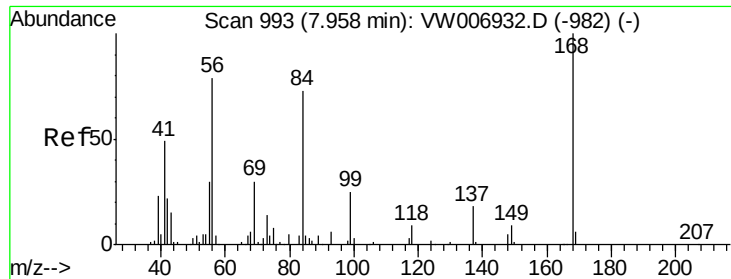
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	74362	37.540	ug/l	99
94) Hexachlorobutadiene	15.24	225	36557	29.903	ug/l	98
95) Naphthalene	15.38	128	149314	48.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63896	37.566	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

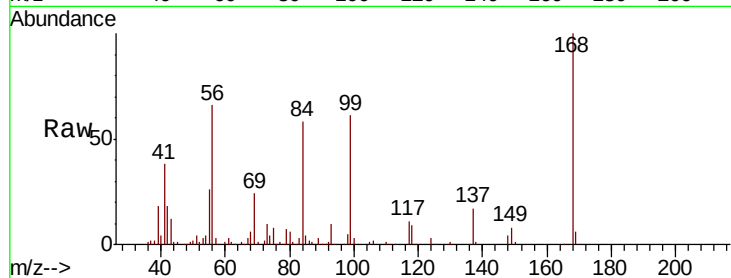
ICVW111718

Tgt Ion:168 Resp: 114334

Ion Ratio Lower Upper

168 100

99 61.0 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

20000

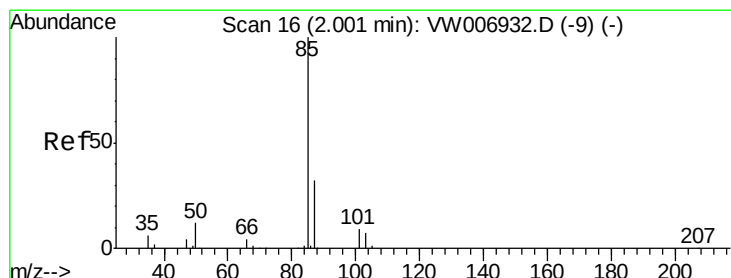
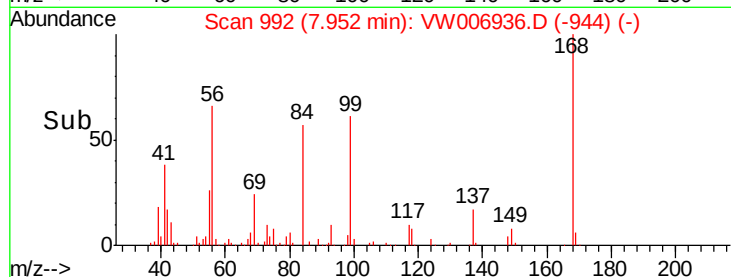
10000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 48.028 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW006936.D

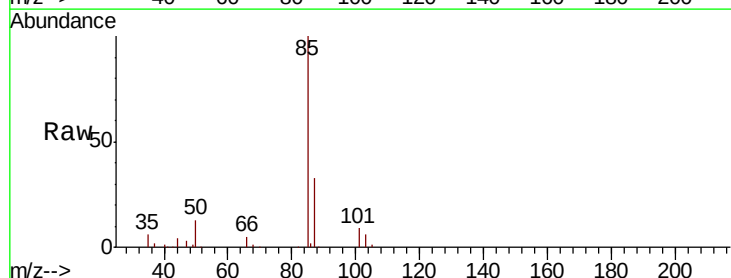
Acq: 17 Nov 2018 02:17

Tgt Ion: 85 Resp: 46651

Ion Ratio Lower Upper

85 100

87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

20000

10000

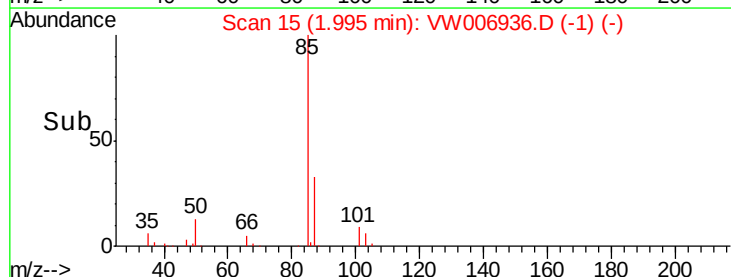
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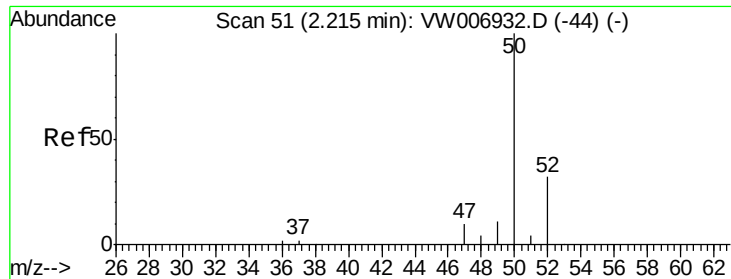
Time-->

1.95

2.00

2.05





#3

Chloromethane

Concen: 42.045 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

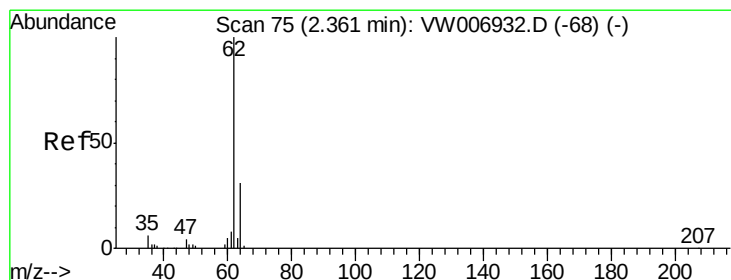
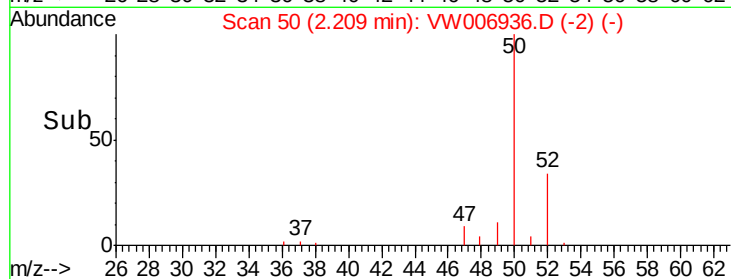
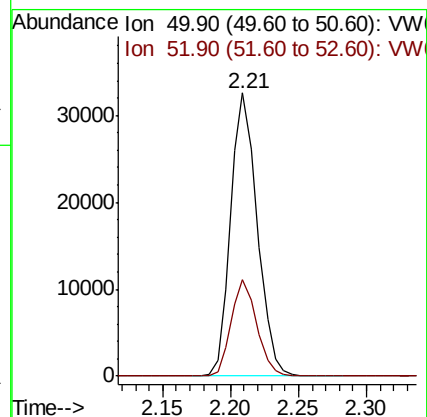
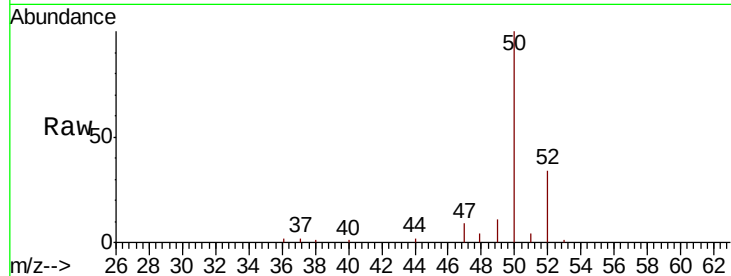
ICVW111718

Tgt Ion: 50 Resp: 44350

Ion Ratio Lower Upper

50 100

52 34.0 25.4 38.2



#4

Vinyl Chloride

Concen: 37.206 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006936.D

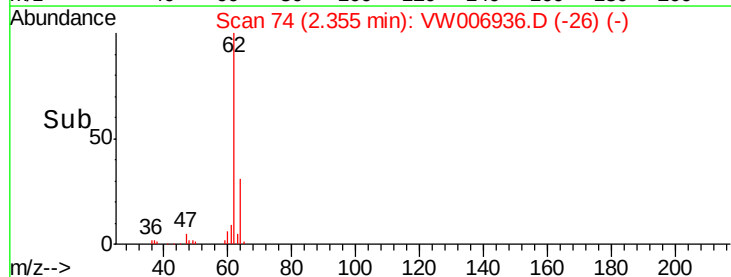
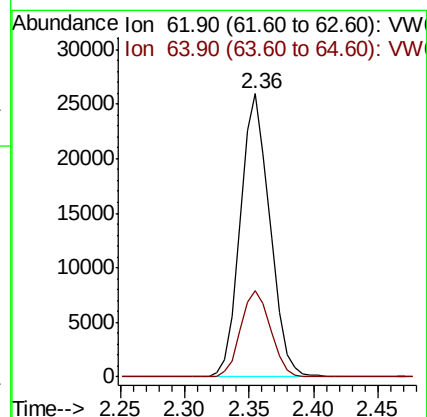
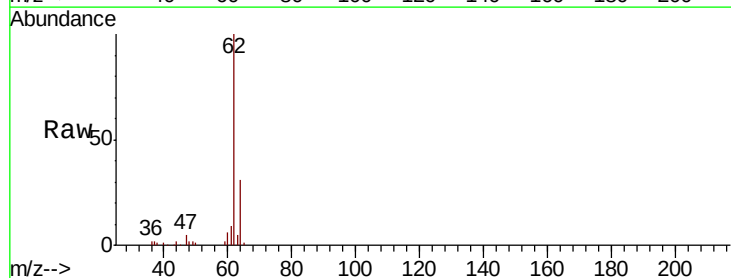
Acq: 17 Nov 2018 02:17

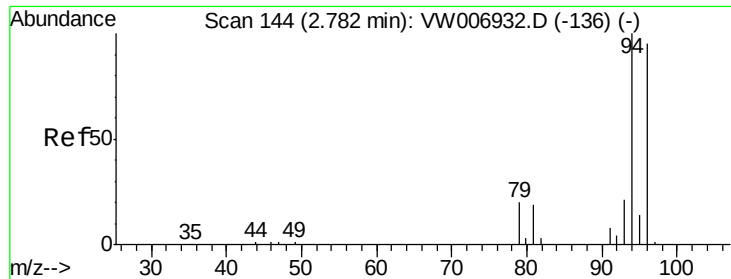
Tgt Ion: 62 Resp: 41231

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 32.454 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

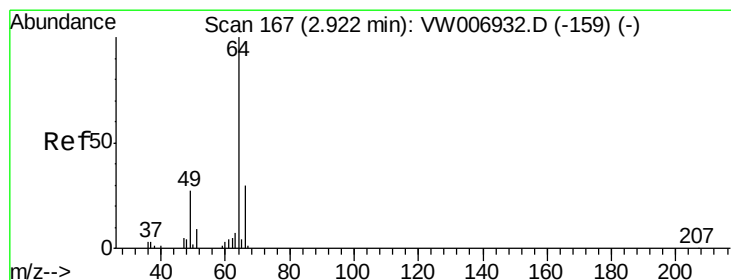
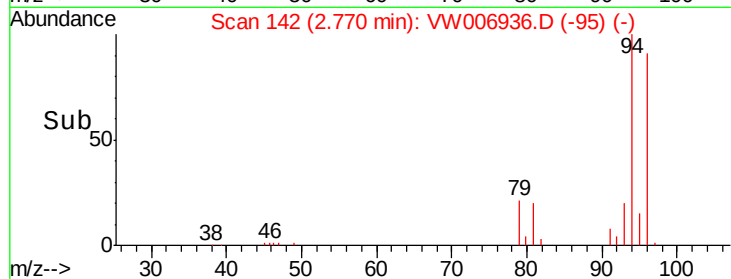
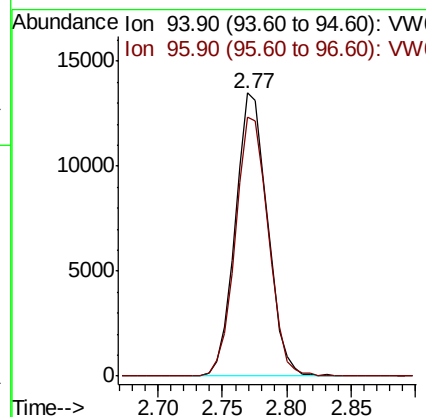
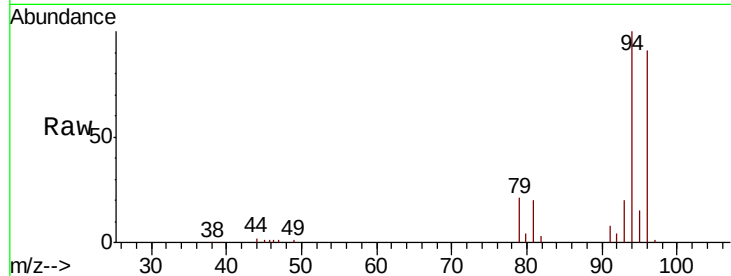
ICVWV111718

Tgt Ion: 94 Resp: 23469

Ion Ratio Lower Upper

94 100

96 91.5 76.2 114.4



#6

Chloroethane

Concen: 33.645 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006936.D

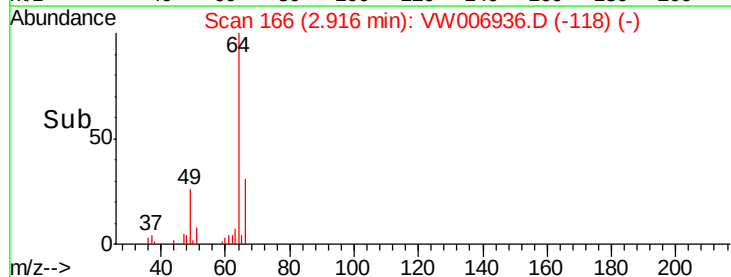
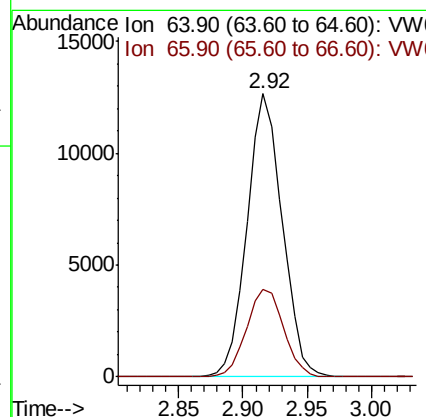
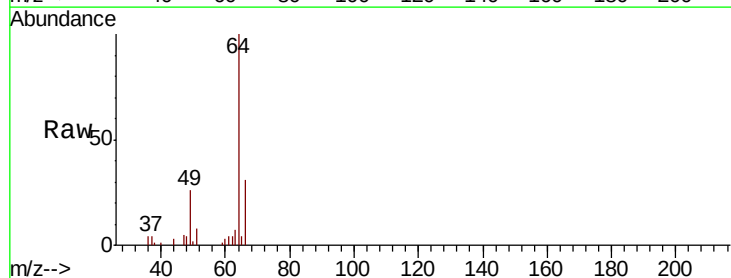
Acq: 17 Nov 2018 02:17

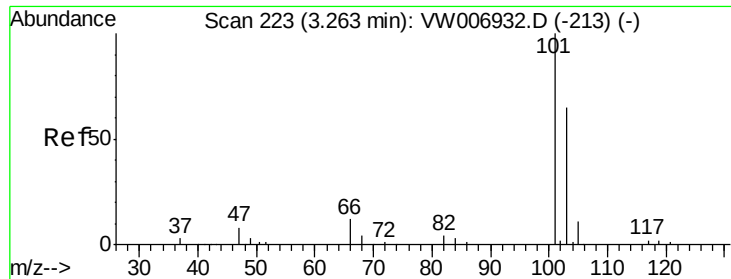
Tgt Ion: 64 Resp: 23841

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0



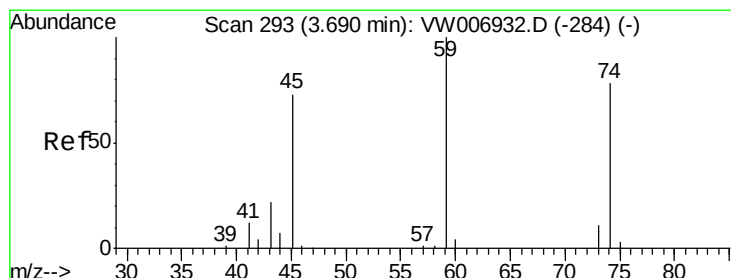
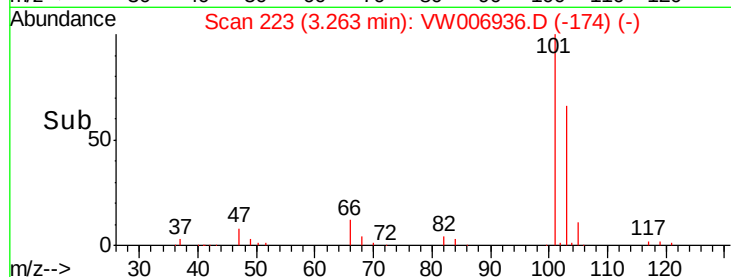
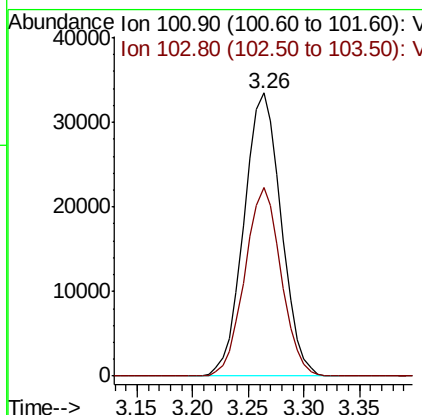
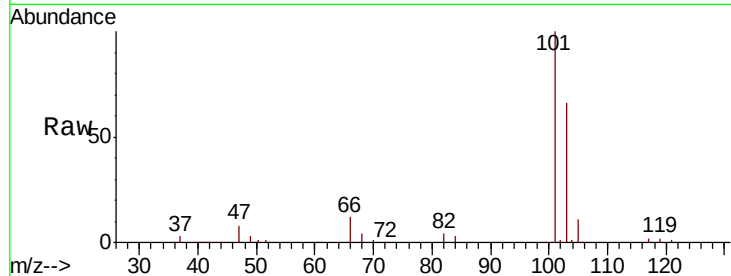


#7

Trichlorofluoromethane
 Concen: 49.942 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
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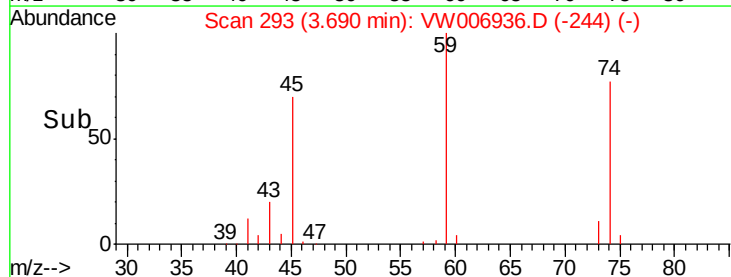
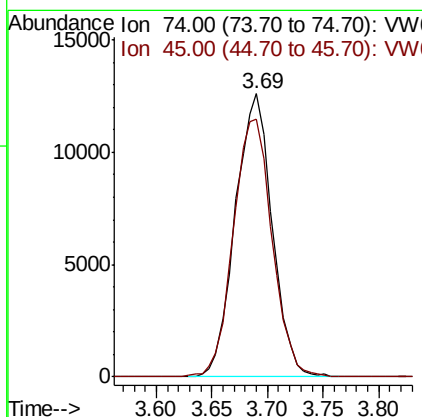
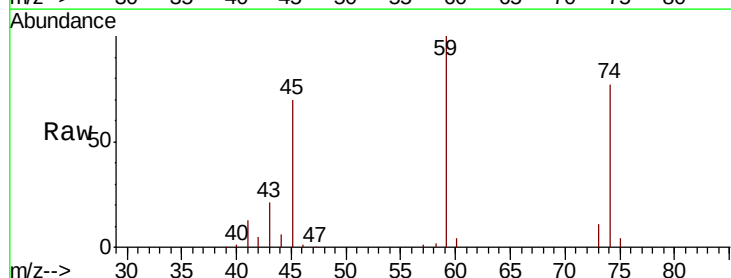
Tgt Ion: 101 Resp: 77907
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.2 78.2

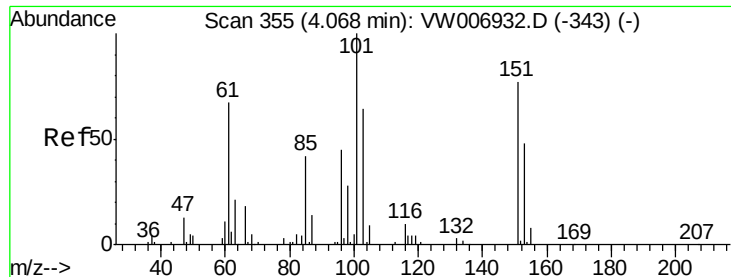


#8

Diethyl Ether
 Concen: 60.591 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 74 Resp: 28944
 Ion Ratio Lower Upper
 74 100
 45 95.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.443 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

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ClientSampleId :

ICVWV111718

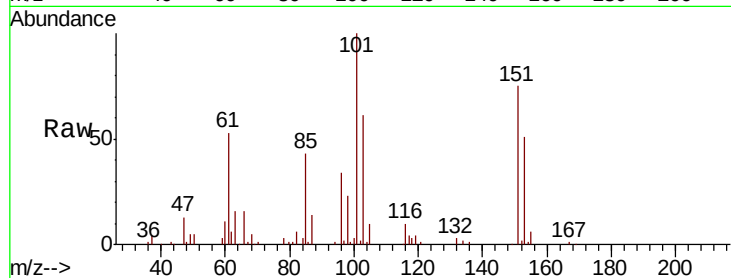
Tgt Ion:101 Resp: 48808

Ion Ratio Lower Upper

101 100

85 43.5 34.5 51.7

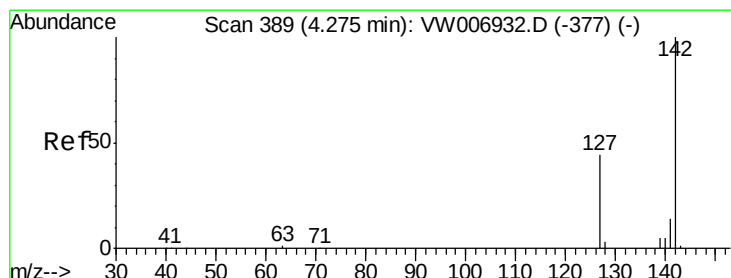
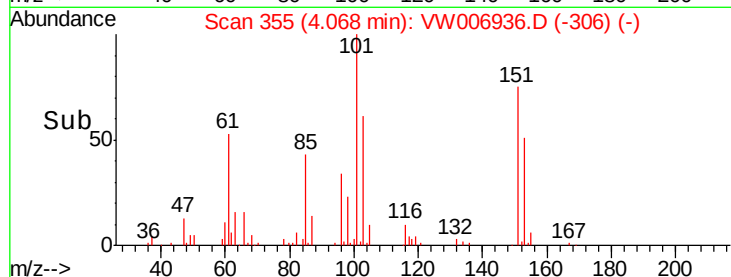
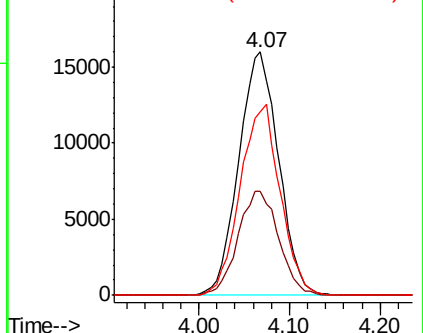
151 78.5 61.5 92.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.988 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

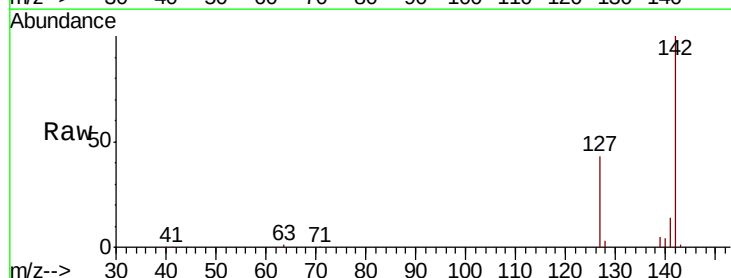
Tgt Ion:142 Resp: 71326

Ion Ratio Lower Upper

142 100

127 42.2 34.4 51.6

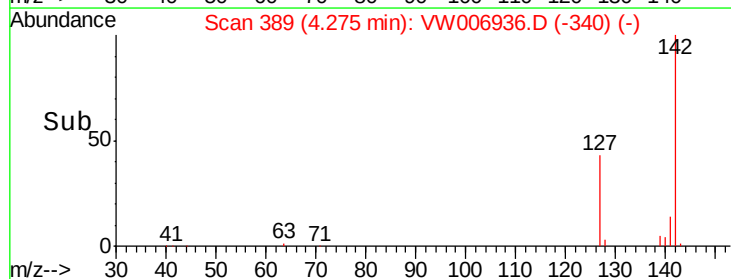
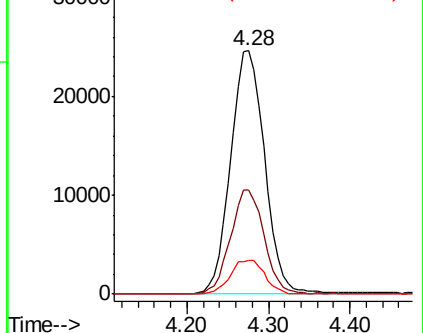
141 14.2 11.5 17.3

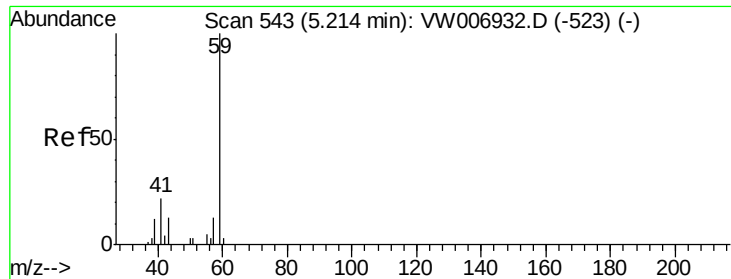


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 162.073 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.02 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

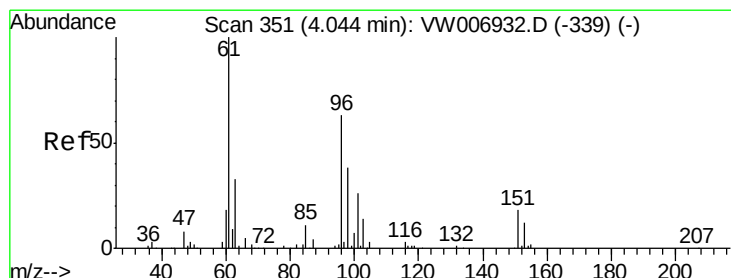
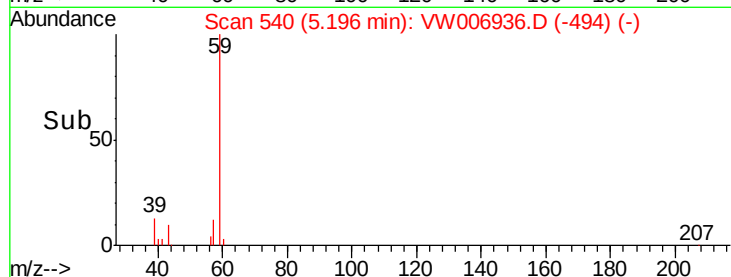
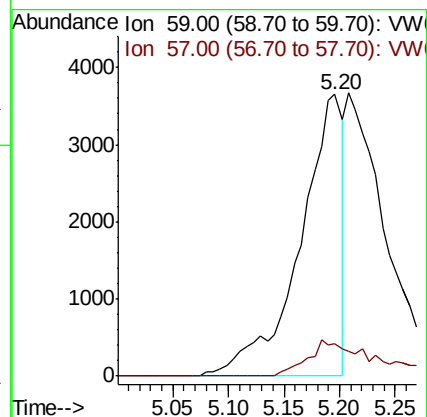
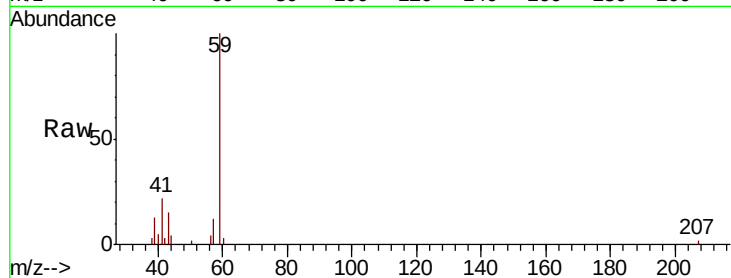
ICVW111718

Tgt Ion: 59 Resp: 9771

Ion Ratio Lower Upper

59 100

57 19.5 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 51.662 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

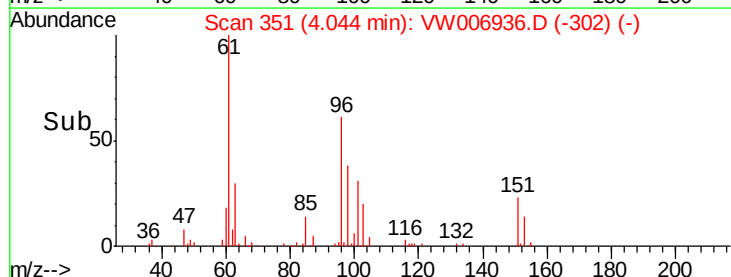
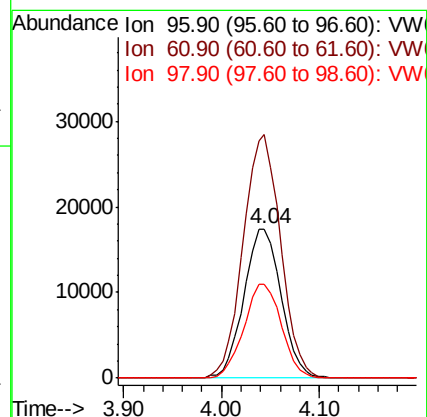
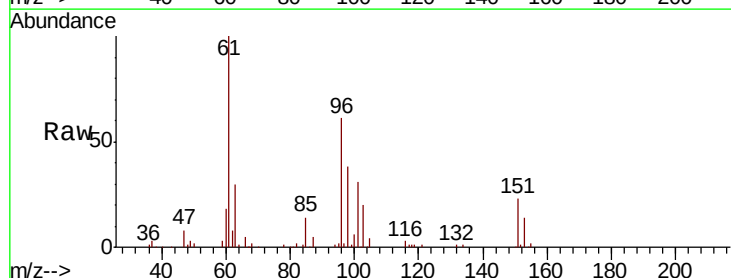
Tgt Ion: 96 Resp: 46347

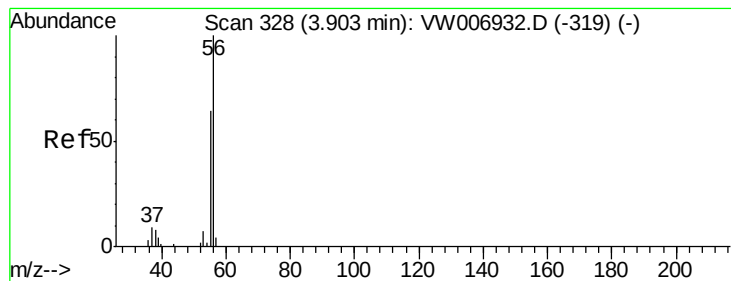
Ion Ratio Lower Upper

96 100

61 163.3 127.8 191.8

98 62.7 48.3 72.5





#13

Acrolein

Concen: 313.069 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

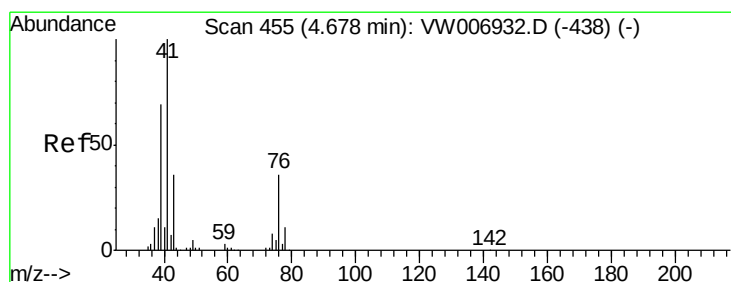
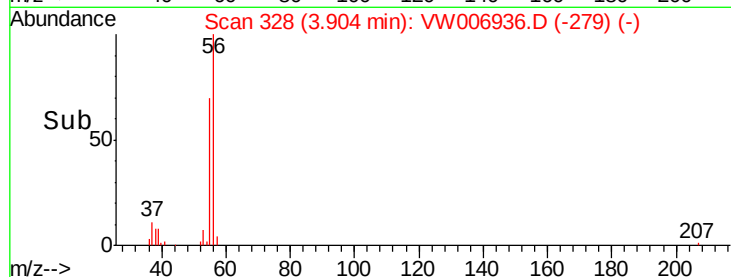
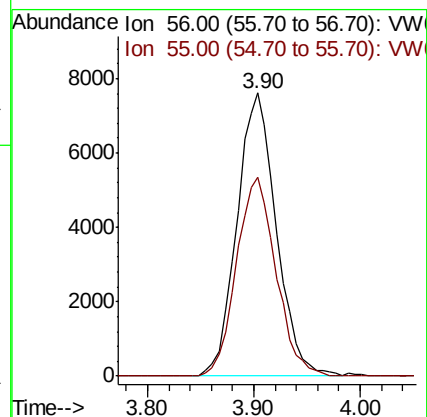
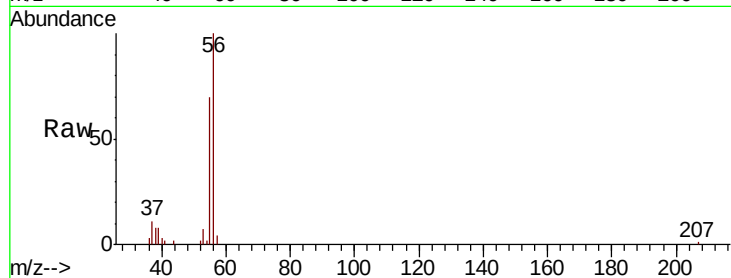
ICVW111718

Tgt Ion: 56 Resp: 19717

Ion Ratio Lower Upper

56 100

55 70.5 56.5 84.7



#14

Allyl chloride

Concen: 66.516 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

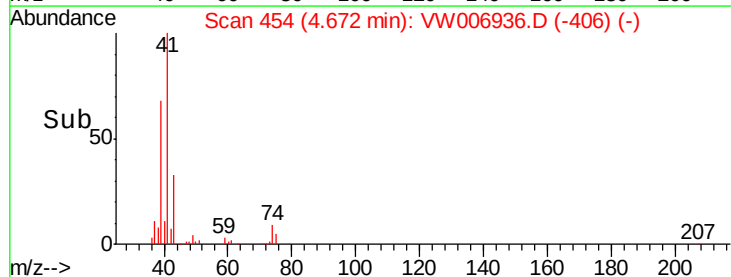
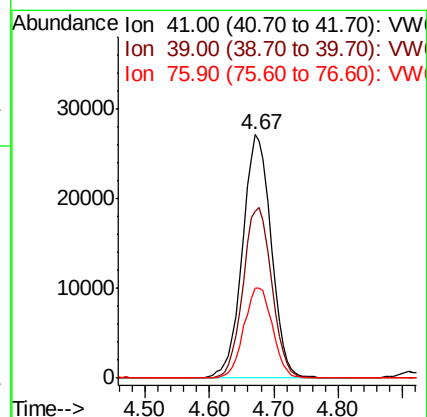
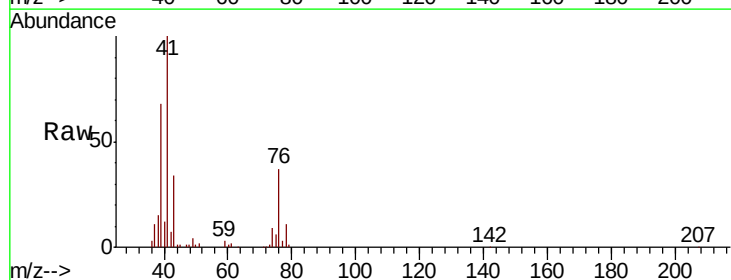
Tgt Ion: 41 Resp: 83598

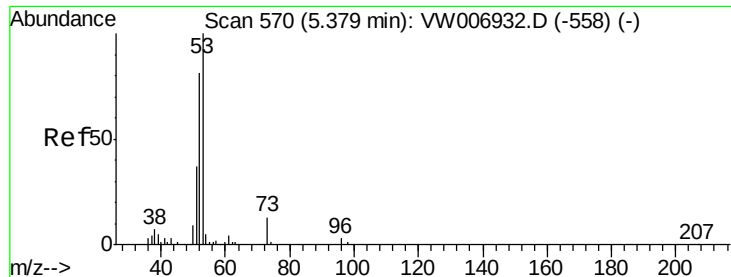
Ion Ratio Lower Upper

41 100

39 69.9 55.0 82.4

76 36.5 28.0 42.0





#15

Acrylonitrile

Concen: 320.286 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

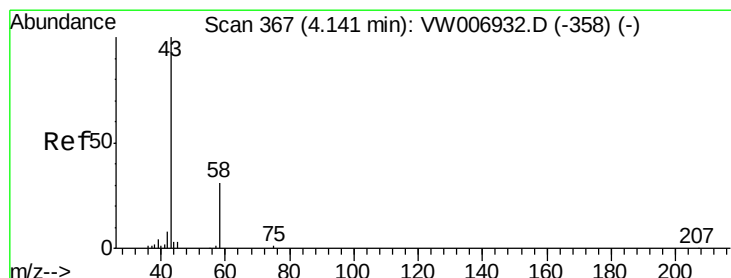
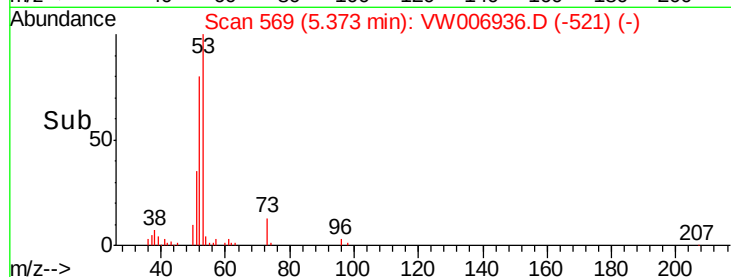
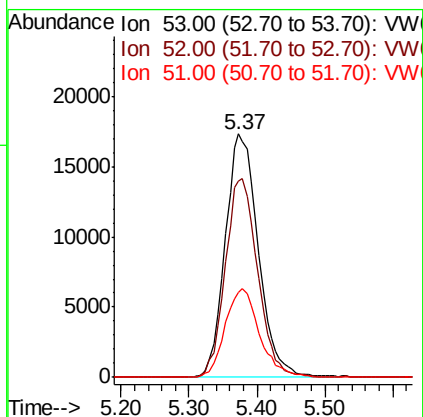
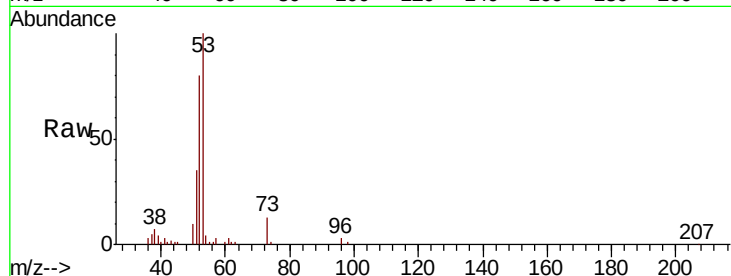
Tgt Ion: 53 Resp: 58367

Ion Ratio Lower Upper

53 100

52 80.1 67.0 100.6

51 37.8 29.8 44.6



#16

Acetone

Concen: 323.643 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006936.D

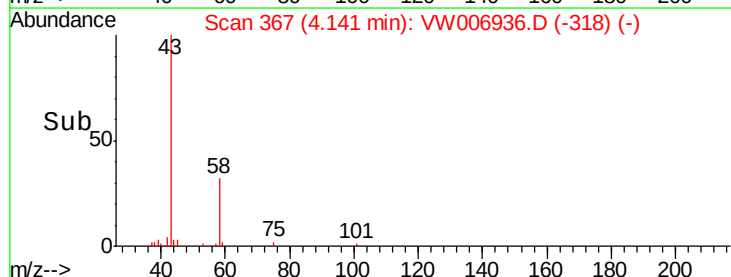
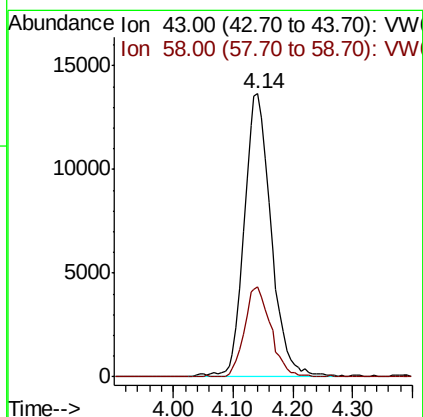
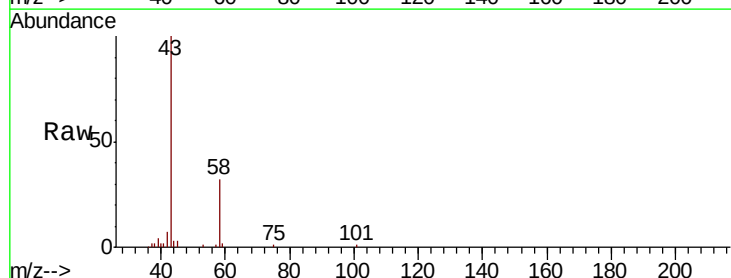
Acq: 17 Nov 2018 02:17

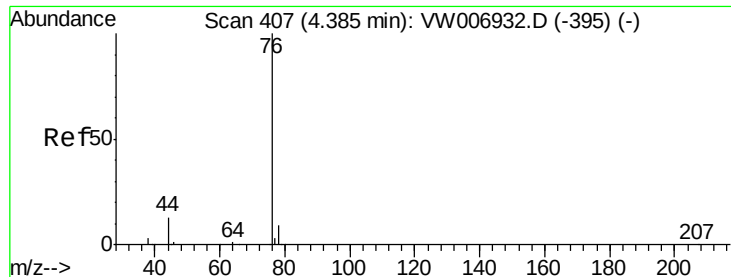
Tgt Ion: 43 Resp: 43022

Ion Ratio Lower Upper

43 100

58 31.6 24.2 36.4





#17

Carbon Disulfide

Concen: 52.570 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

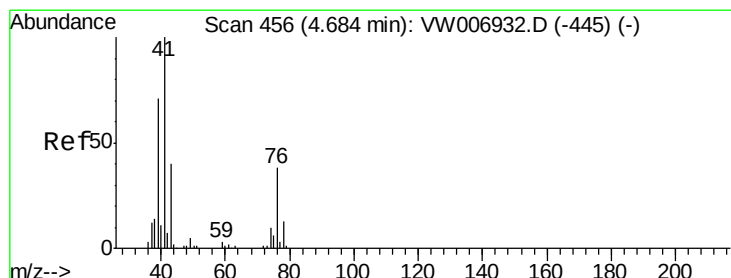
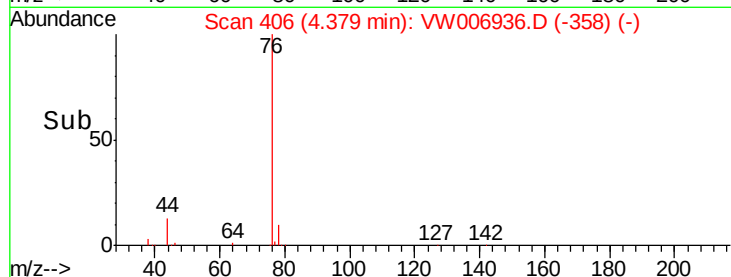
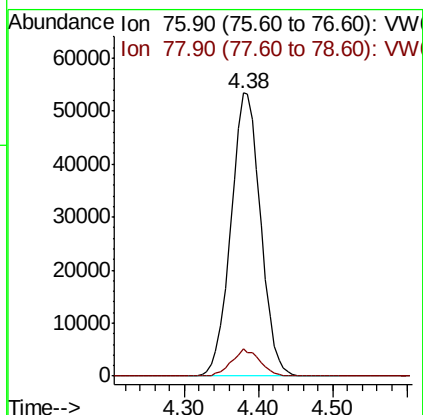
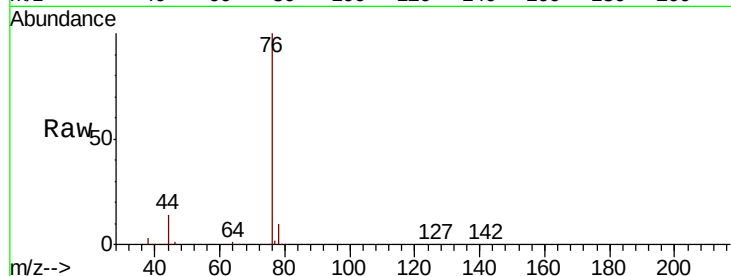
ICVW111718

Tgt Ion: 76 Resp: 149121

Ion Ratio Lower Upper

76 100

78 9.9 7.1 10.7



#18

Methyl Acetate

Concen: 64.094 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006936.D

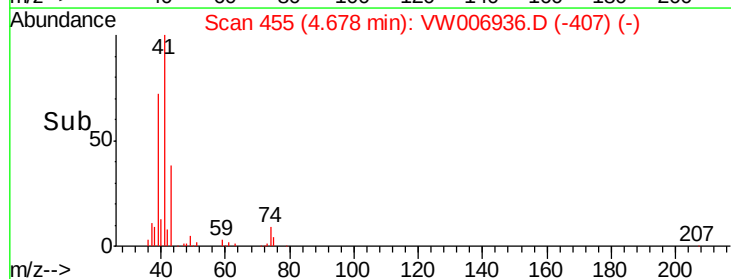
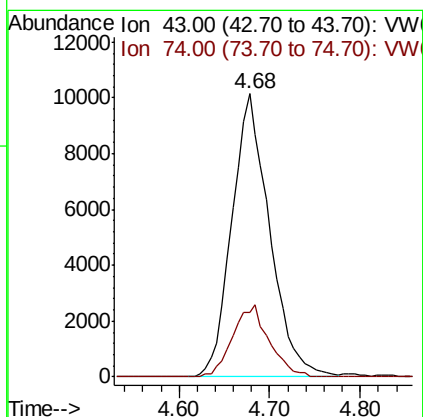
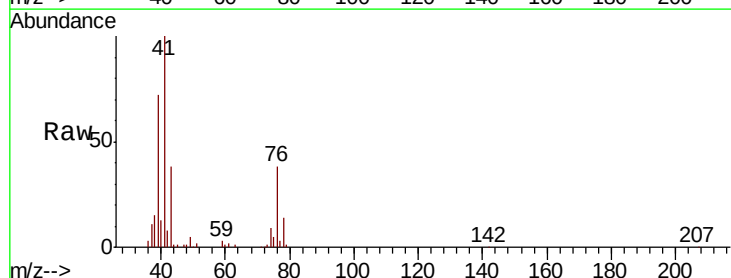
Acq: 17 Nov 2018 02:17

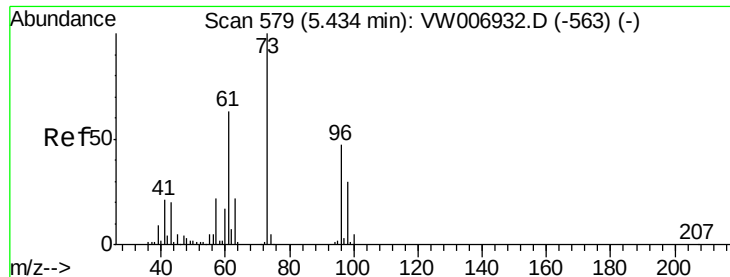
Tgt Ion: 43 Resp: 29246

Ion Ratio Lower Upper

43 100

74 24.5 20.3 30.5

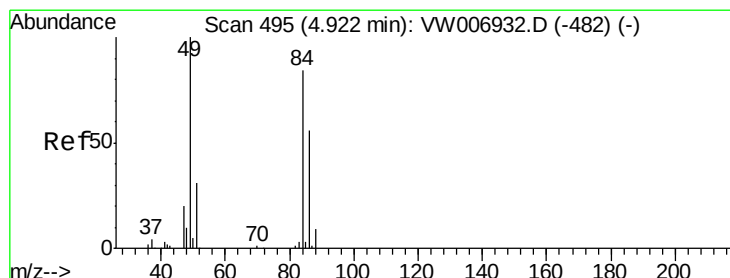
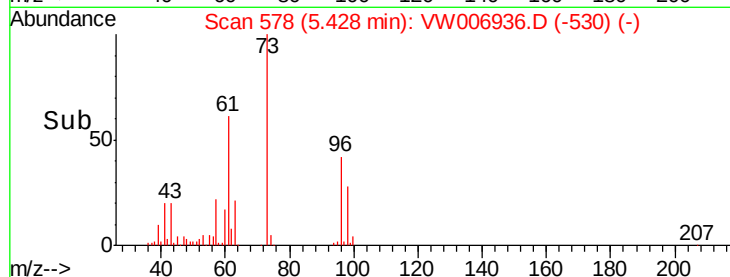
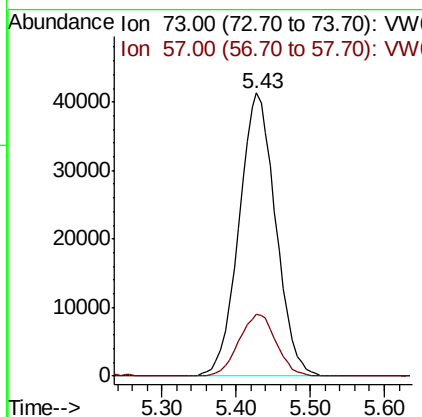
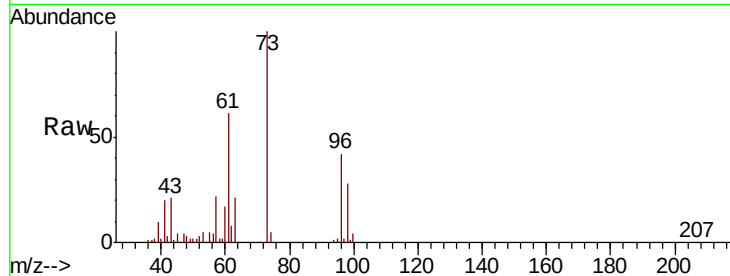




#19
Methyl tert-butyl Ether
Concen: 64.028 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

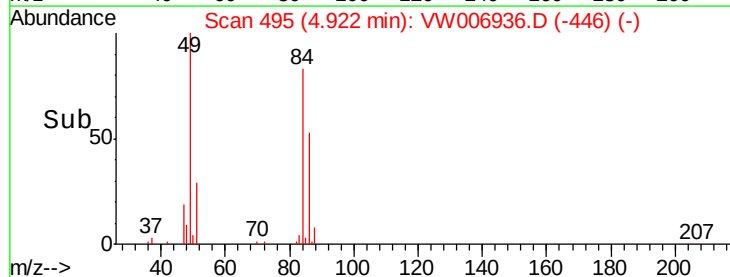
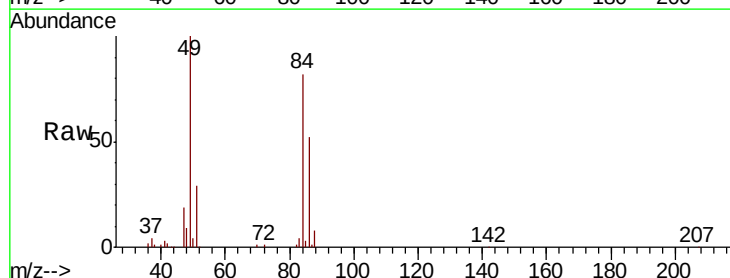
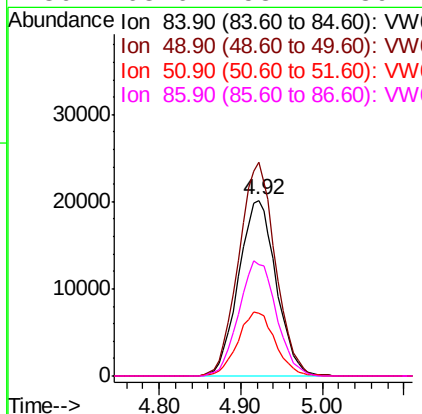
Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

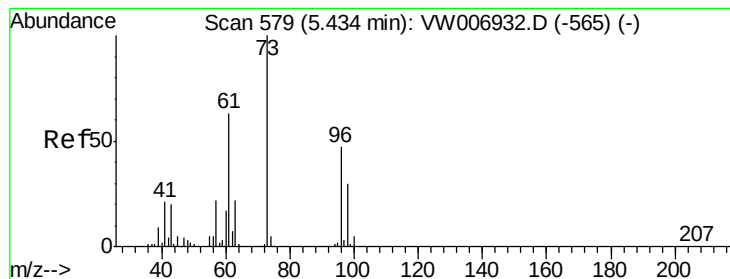
Tgt Ion: 73 Resp: 142259
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3



#20
Methylene Chloride
Concen: 46.656 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion: 84 Resp: 64697
Ion Ratio Lower Upper
84 100
49 121.4 95.4 143.2
51 35.4 29.5 44.3
86 63.6 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 51.785 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

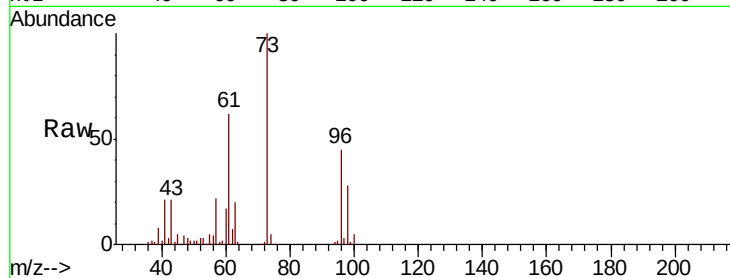
Tgt Ion: 96 Resp: 54850

Ion Ratio Lower Upper

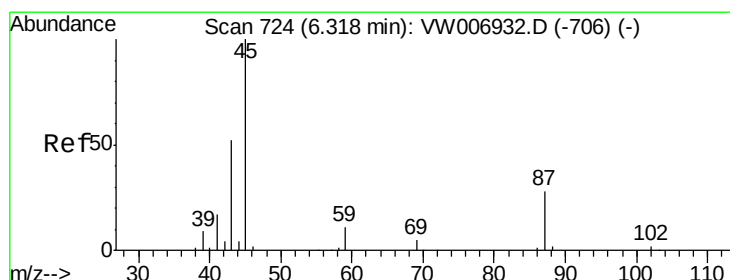
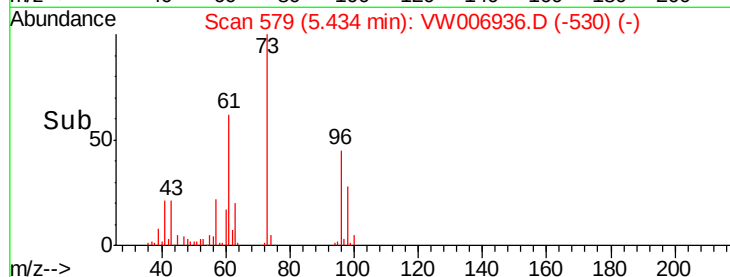
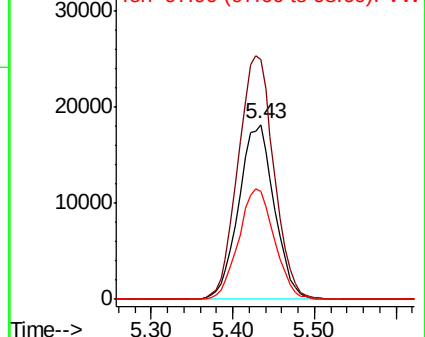
96 100

61 136.9 108.2 162.4

98 62.1 50.6 76.0



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



#22

Diisopropyl ether

Concen: 66.312 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Tgt Ion: 45 Resp: 171677

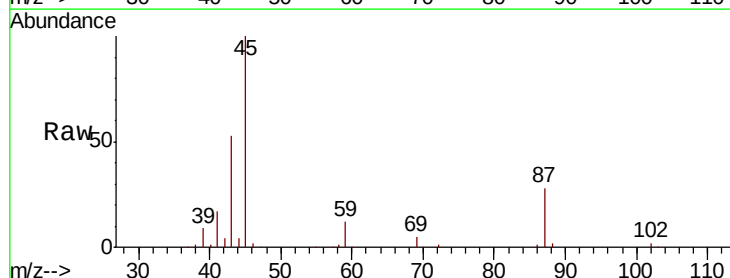
Ion Ratio Lower Upper

45 100

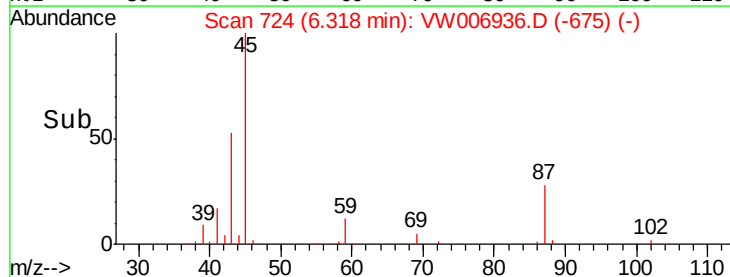
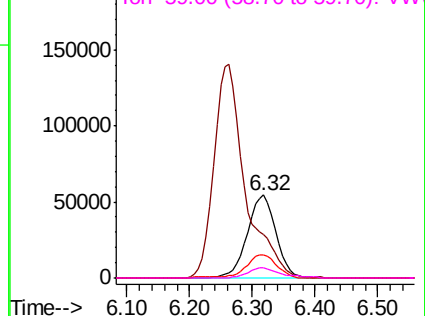
43 52.7 43.1 64.7

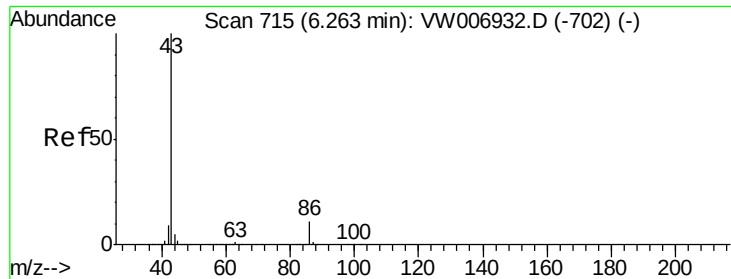
87 28.2 22.7 34.1

59 11.9 9.0 13.4



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





#23

Vinyl Acetate

Concen: 331.339 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

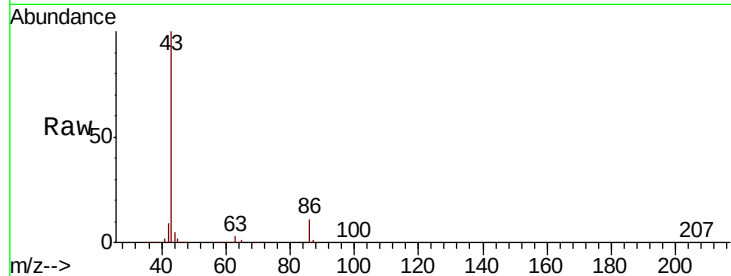
ICVW111718

Tgt Ion: 43 Resp: 483049

Ion Ratio Lower Upper

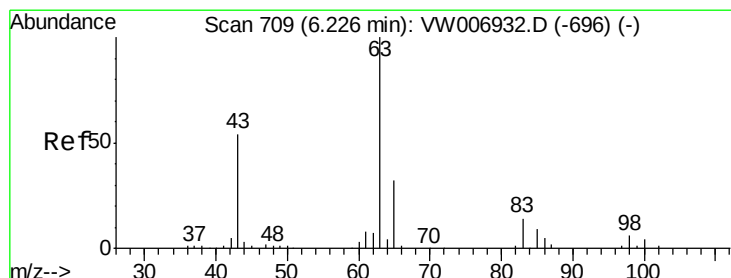
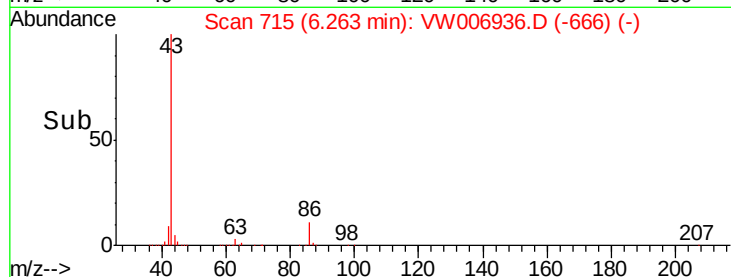
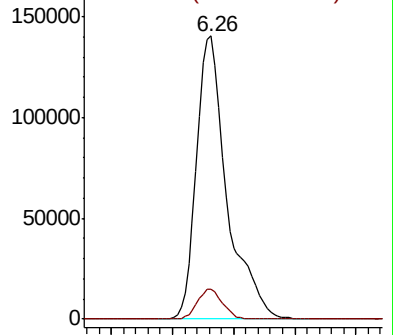
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 60.078 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

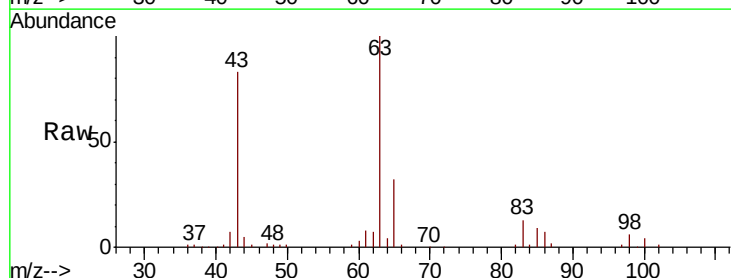
Tgt Ion: 63 Resp: 100194

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

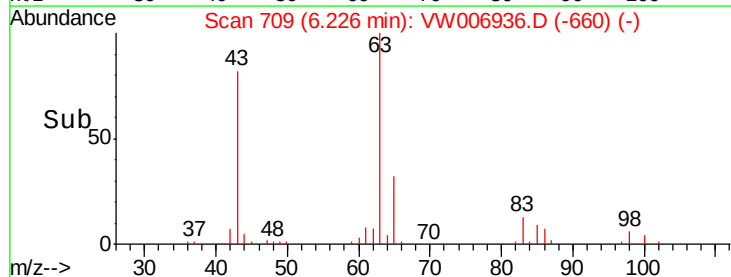
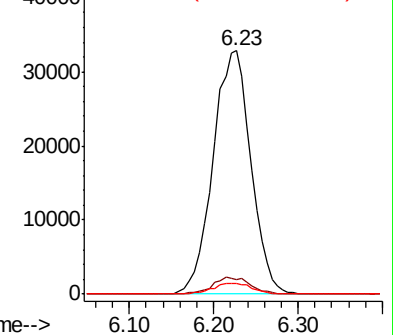
100 4.4 2.1 6.5

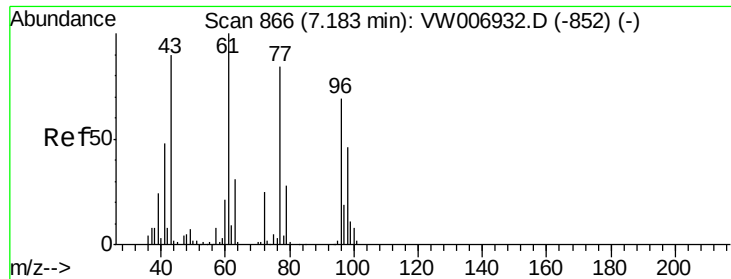


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 319.460 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

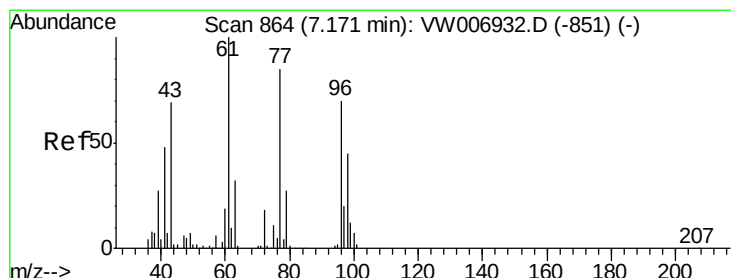
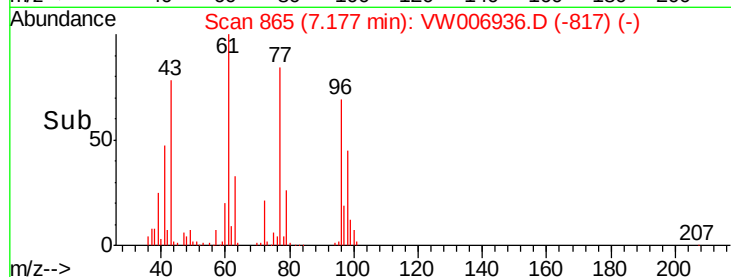
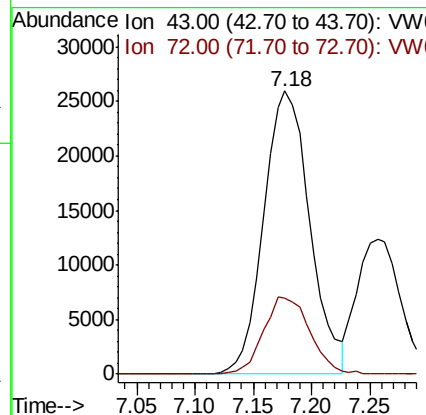
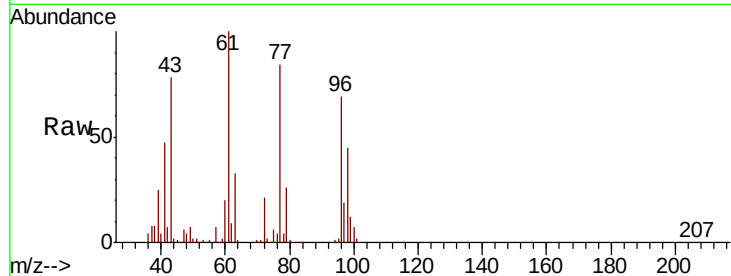
ICVW111718

Tgt Ion: 43 Resp: 71323

Ion Ratio Lower Upper

43 100

72 27.0 22.1 33.1



#26

2,2-Dichloropropane

Concen: 51.251 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006936.D

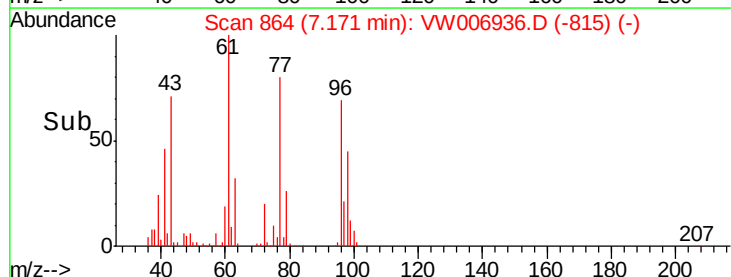
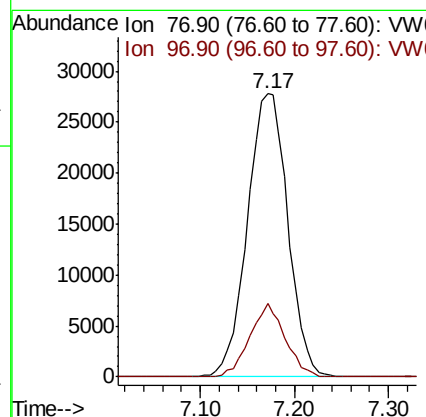
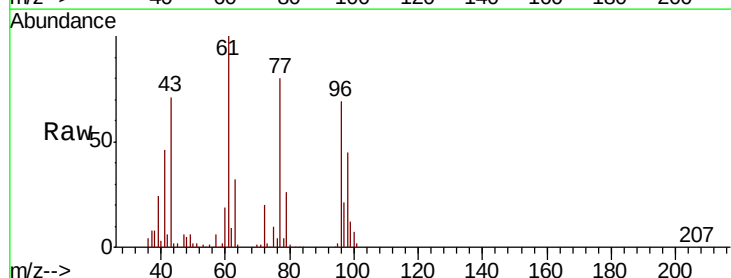
Acq: 17 Nov 2018 02:17

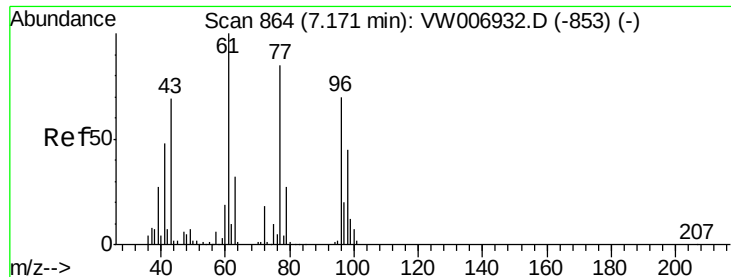
Tgt Ion: 77 Resp: 83425

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



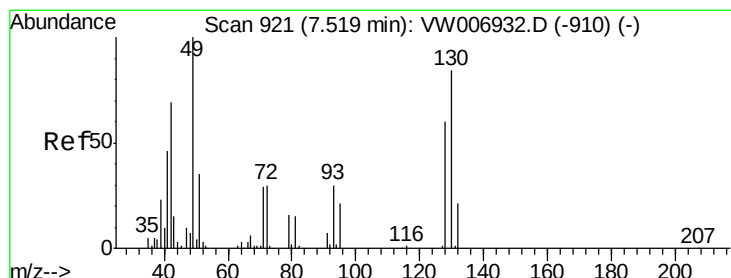
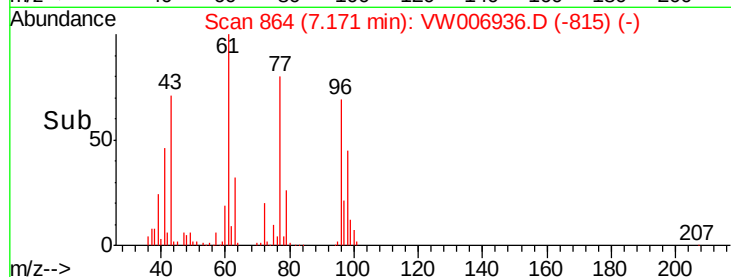
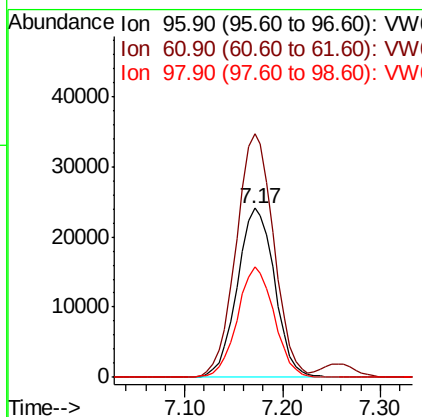
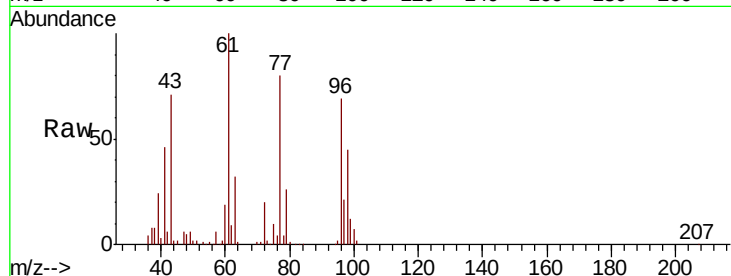


#27

cis-1,2-Dichloroethene
 Concen: 56.103 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW111718

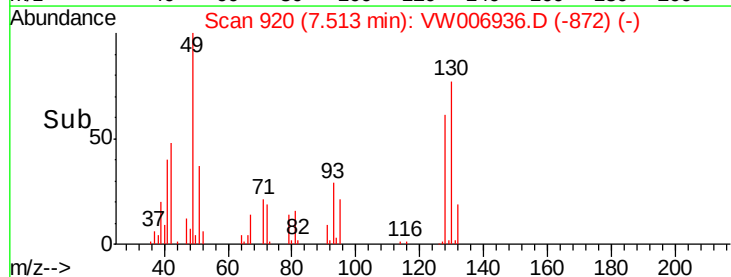
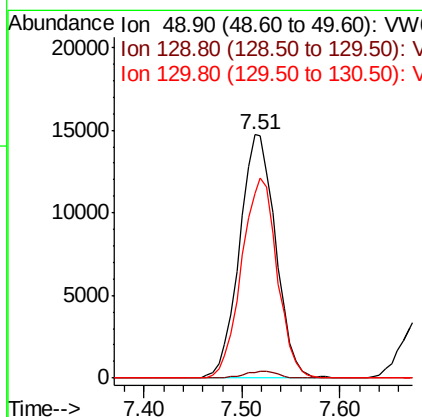
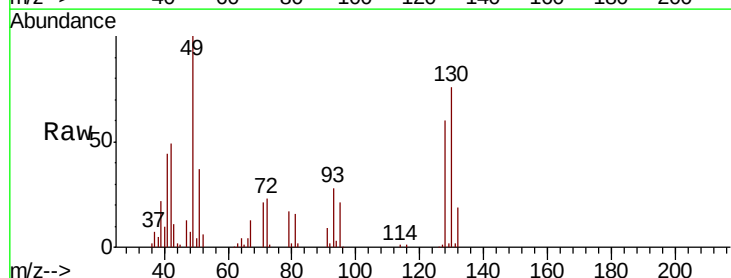
Tgt Ion: 96 Resp: 63830
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 293.8
 98 64.3 0.0 131.0

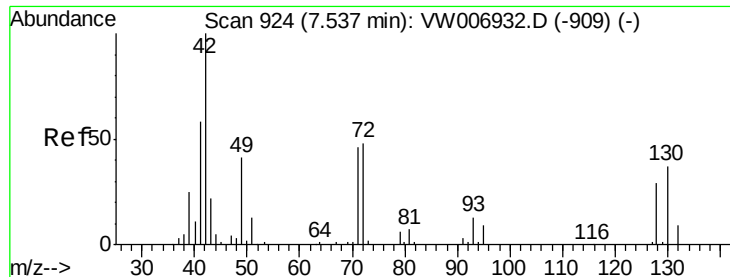


#28

Bromochloromethane
 Concen: 64.255 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 49 Resp: 37731
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 1.6#
 130 80.9 66.1 99.1





#29

Tetrahydrofuran

Concen: 321.041 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVWV111718

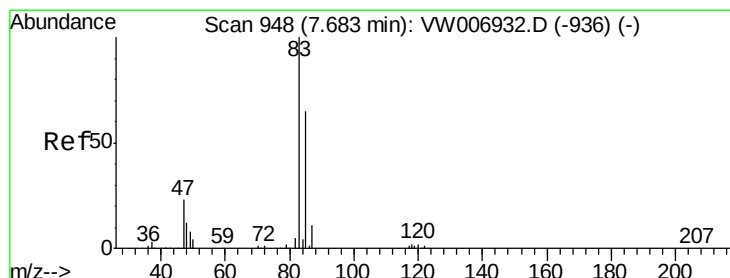
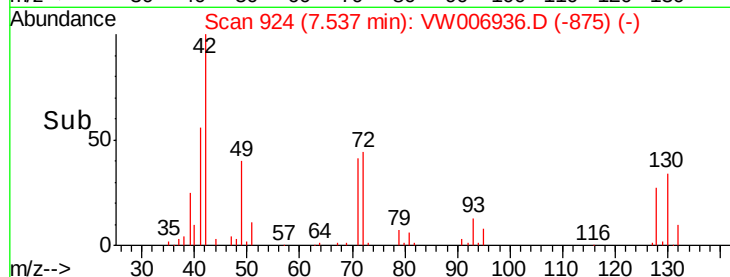
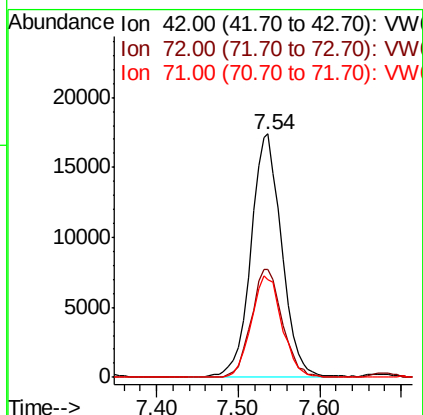
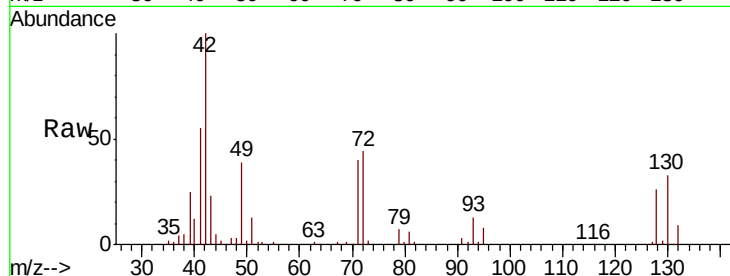
Tgt Ion: 42 Resp: 45885

Ion Ratio Lower Upper

42 100

72 44.5 35.7 53.5

71 41.5 33.7 50.5



#30

Chloroform

Concen: 58.456 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006936.D

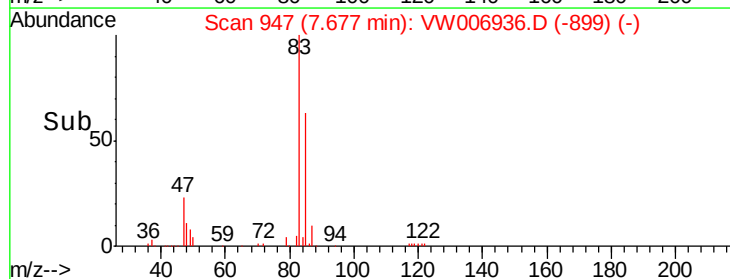
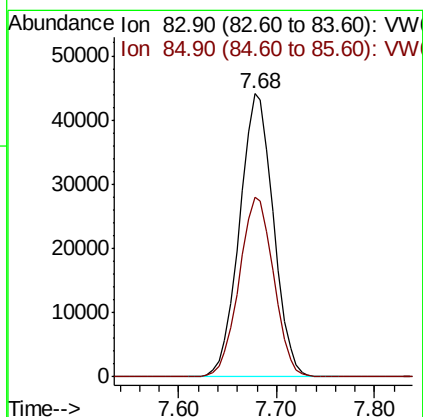
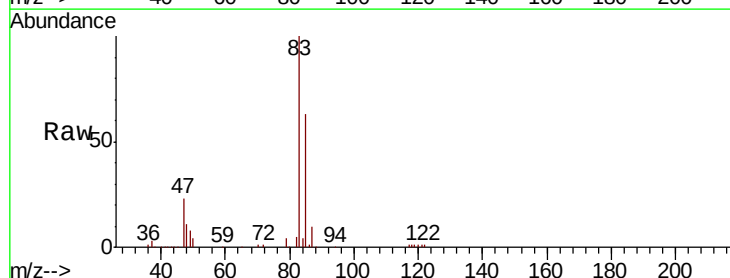
Acq: 17 Nov 2018 02:17

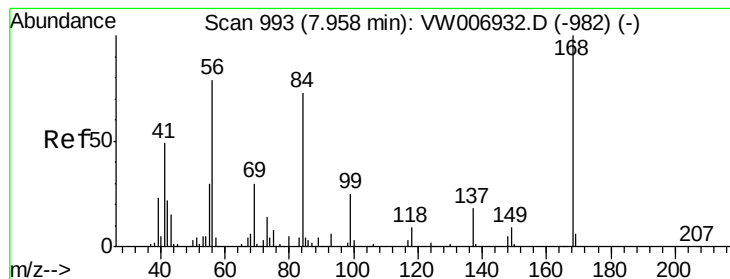
Tgt Ion: 83 Resp: 105672

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4





#31

Cyclohexane

Concen: 53.931 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

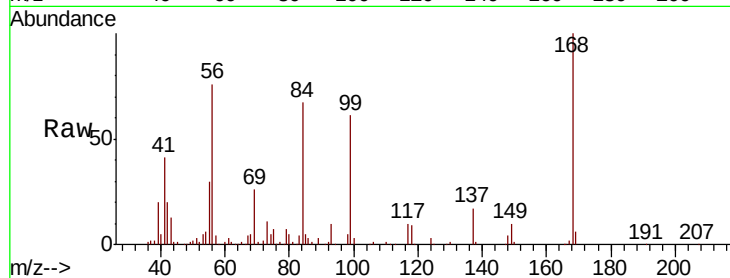
Tgt Ion: 56 Resp: 91027

Ion Ratio Lower Upper

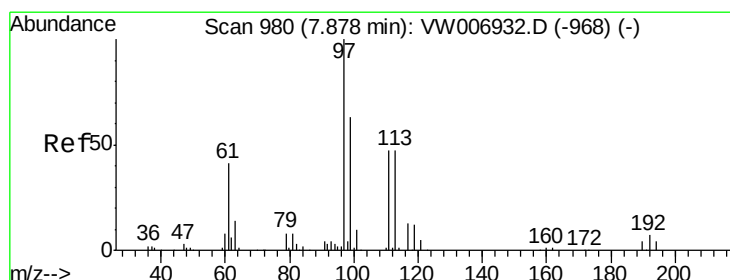
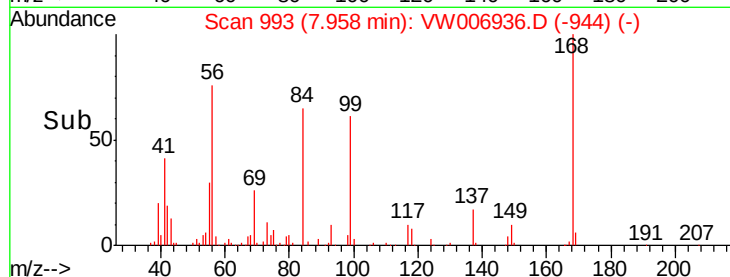
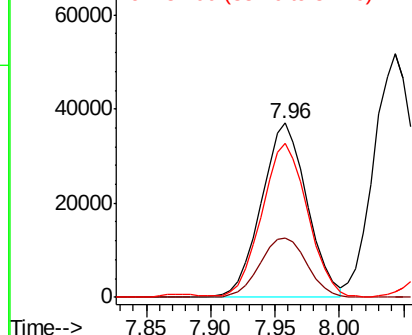
56 100

69 34.2 30.2 45.2

84 86.9 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 54.020 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

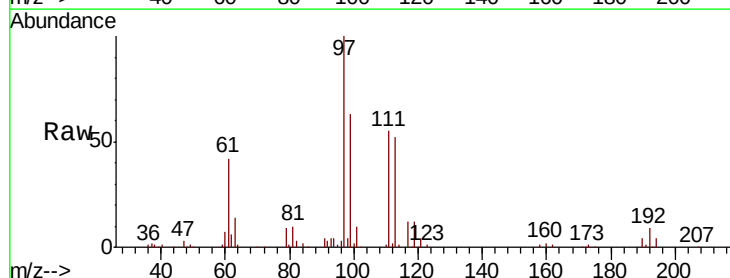
Tgt Ion: 97 Resp: 92709

Ion Ratio Lower Upper

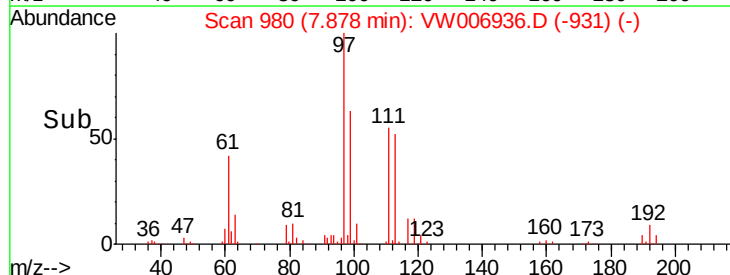
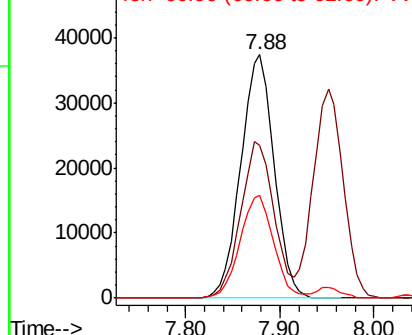
97 100

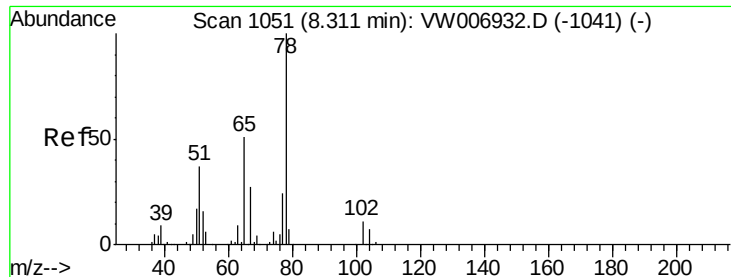
99 64.5 51.0 76.6

61 42.6 34.2 51.2



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

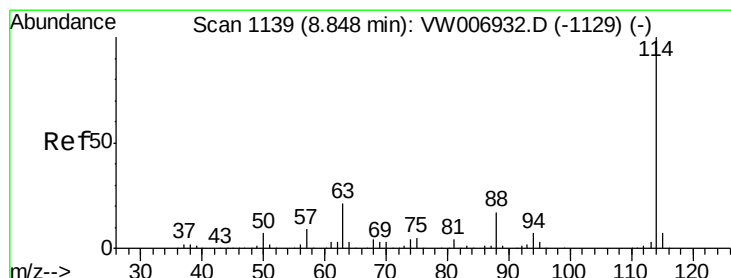
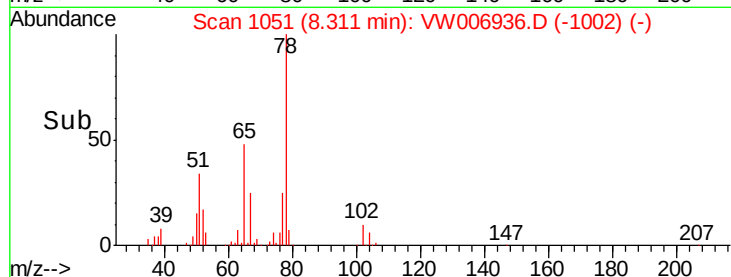
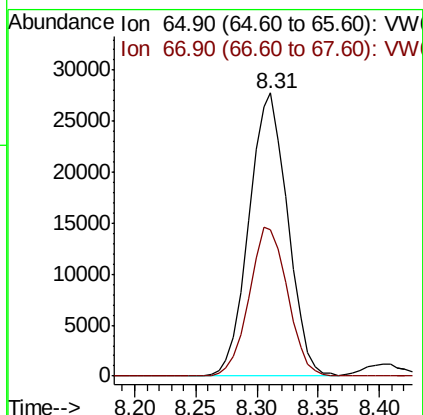
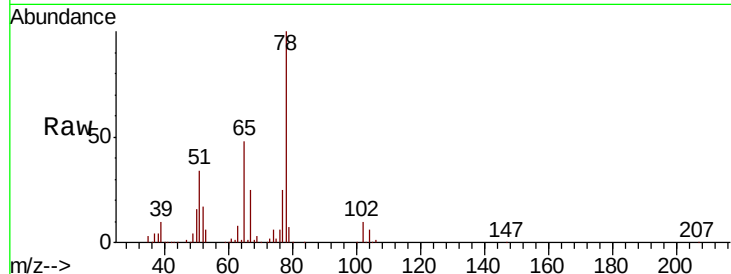




#33
 1,2-Dichloroethane-d4
 Concen: 66.281 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

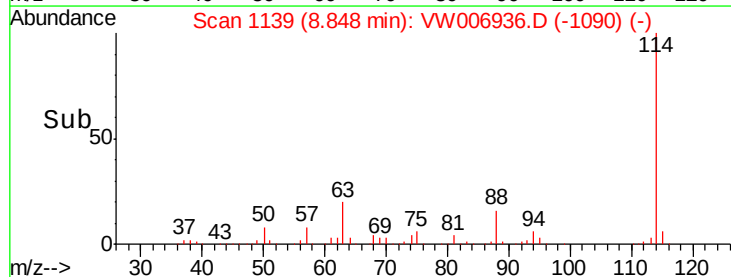
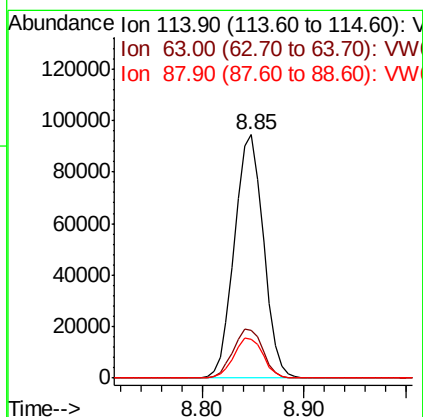
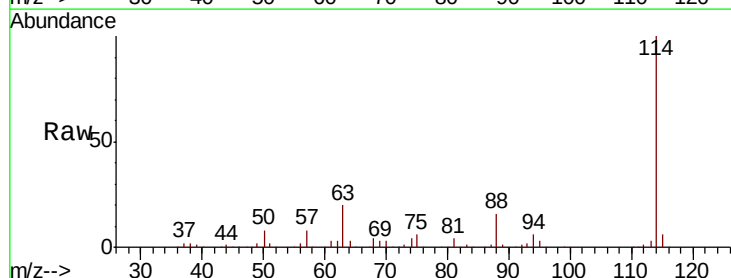
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

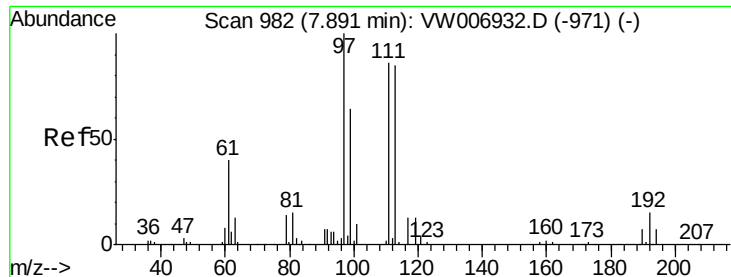
Tgt Ion: 65 Resp: 61056
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 114 Resp: 186466
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.2
 88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.809 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

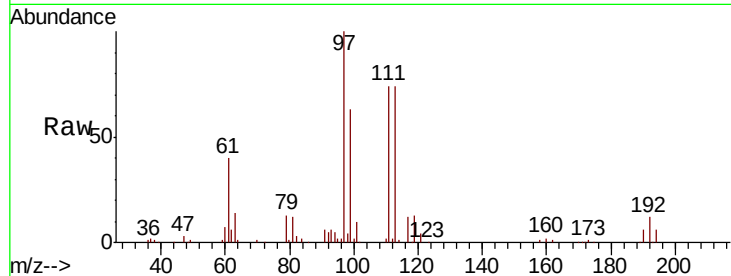
Tgt Ion:113 Resp: 56014

Ion Ratio Lower Upper

113 100

111 101.4 81.7 122.5

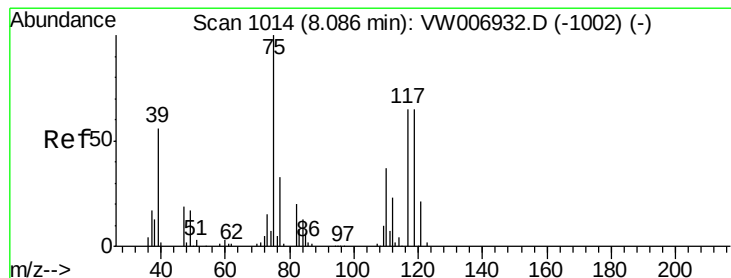
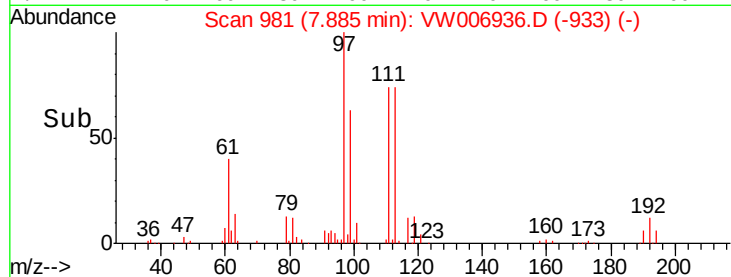
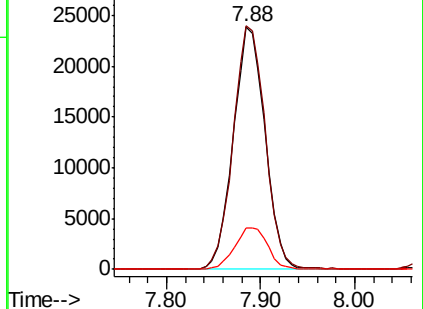
192 18.0 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.258 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

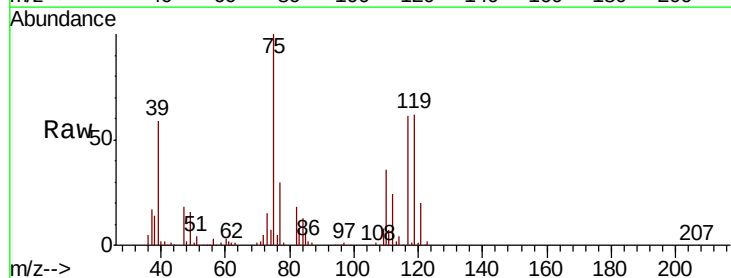
Tgt Ion: 75 Resp: 82560

Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.1

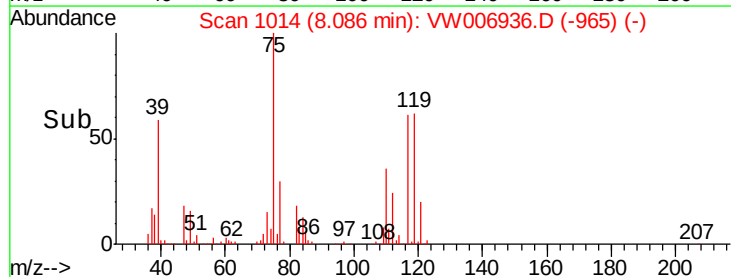
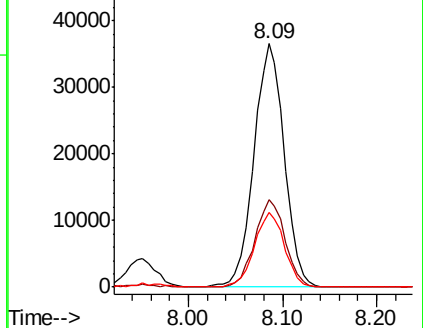
77 30.4 25.4 38.0

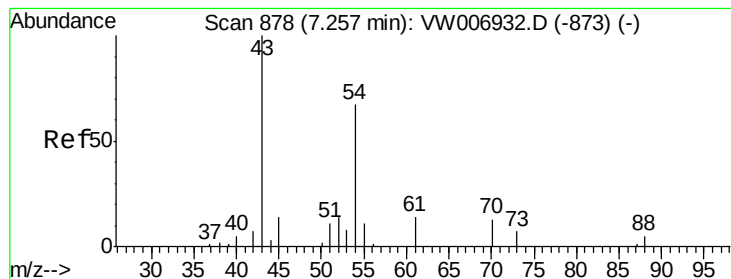


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 54.783 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

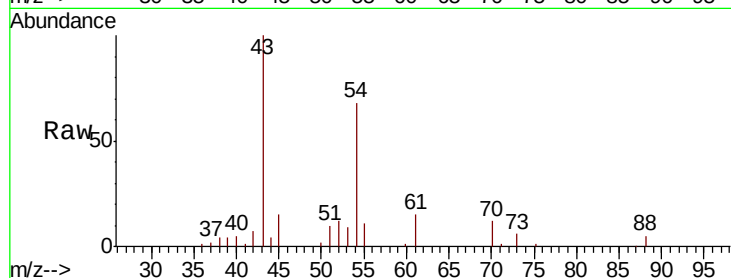
Tgt Ion: 43 Resp: 32691

Ion Ratio Lower Upper

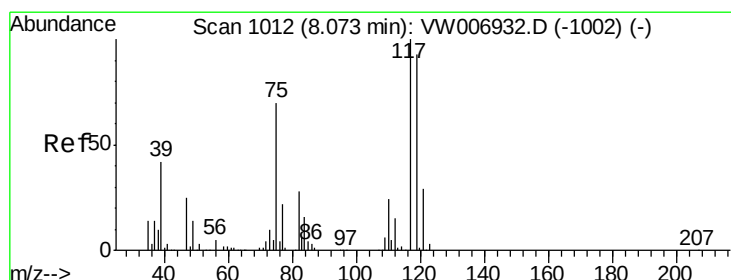
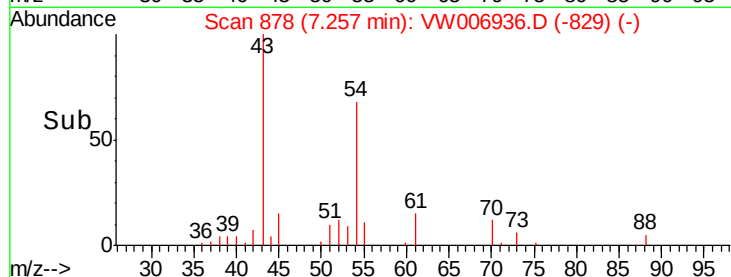
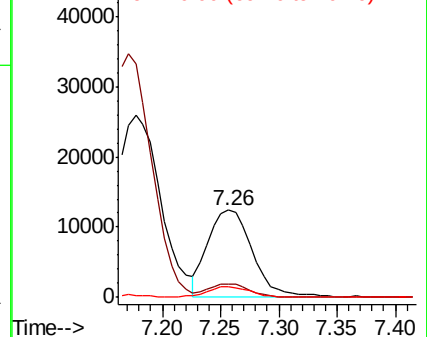
43 100

61 14.4 11.0 16.6

70 11.7 8.8 13.2



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: 42.801 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

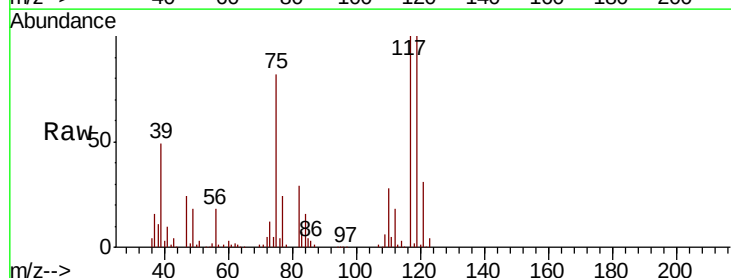
Tgt Ion: 117 Resp: 79896

Ion Ratio Lower Upper

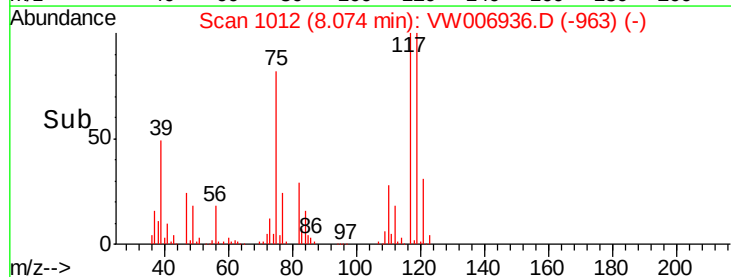
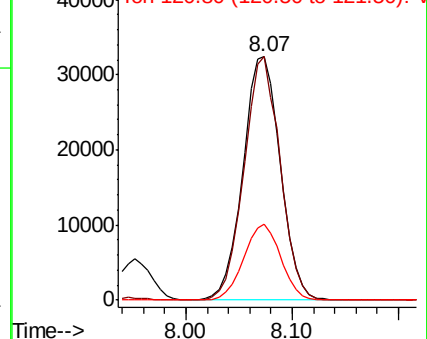
117 100

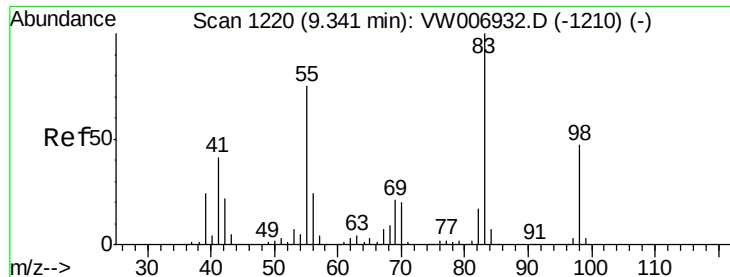
119 100.0 74.2 111.4

121 31.0 23.5 35.3



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

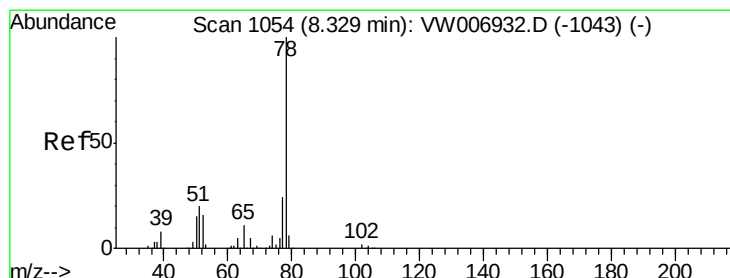
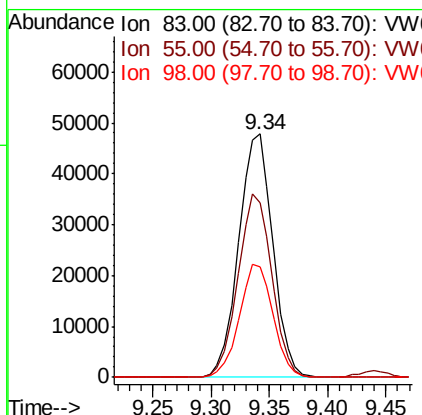
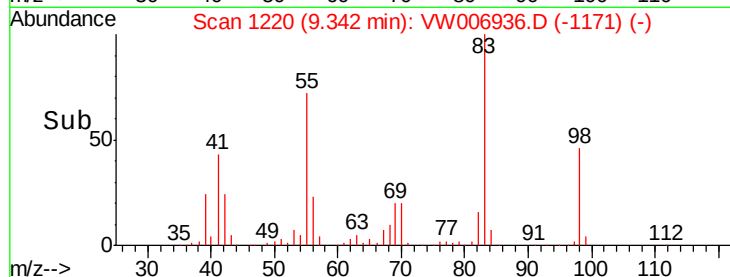
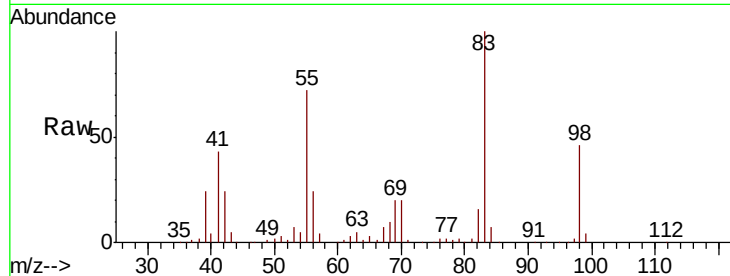




#39
Methylcyclohexane
Concen: 43.621 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

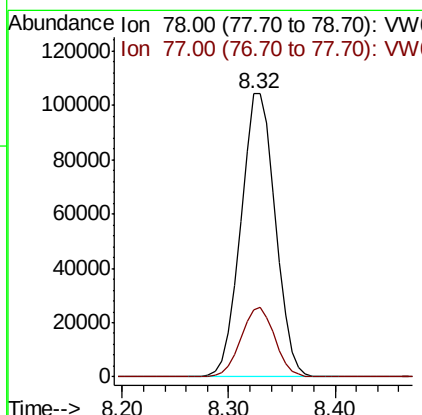
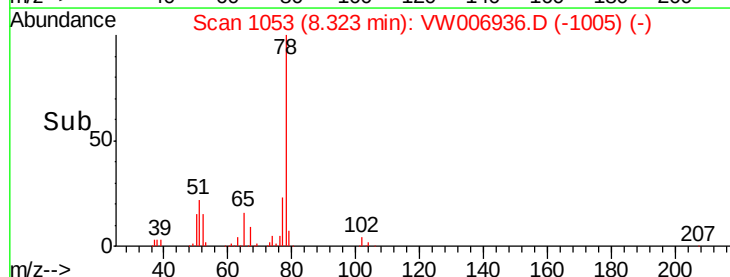
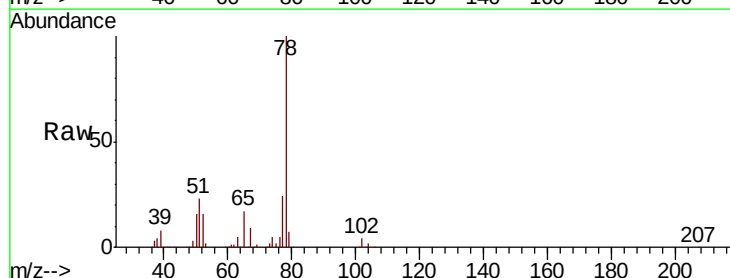
Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

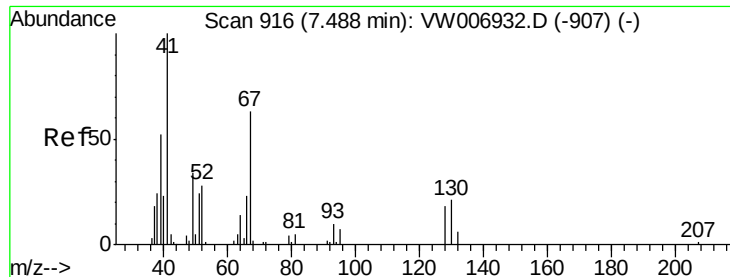
Tgt Ion: 83 Resp: 97710
Ion Ratio Lower Upper
83 100
55 71.6 60.2 90.4
98 45.6 37.3 55.9



#40
Benzene
Concen: 48.582 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion: 78 Resp: 237109
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

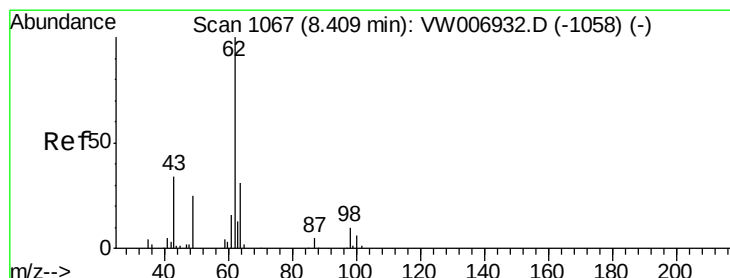
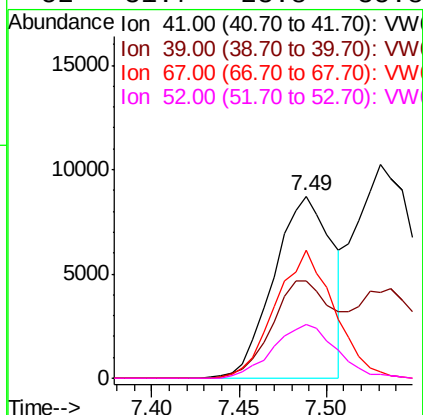
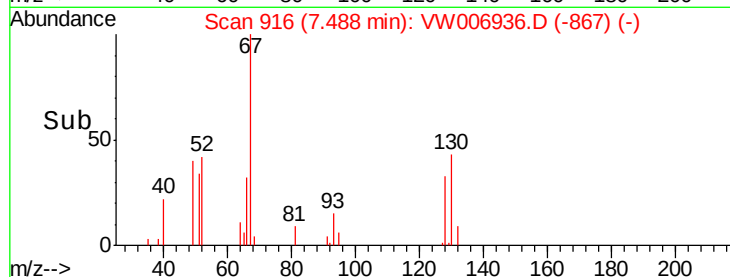
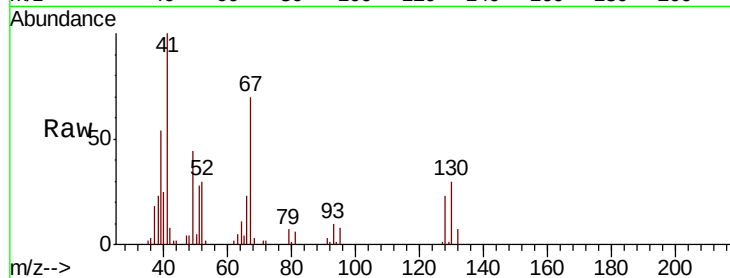




#41
Methacrylonitrile
Concen: 55.389 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

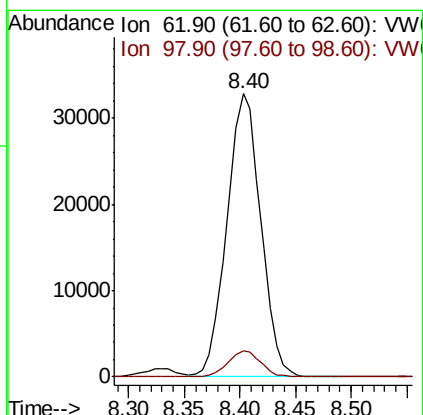
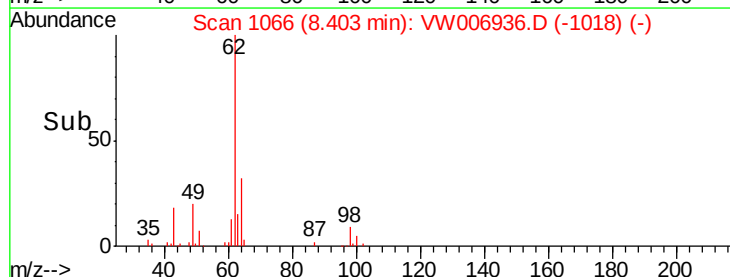
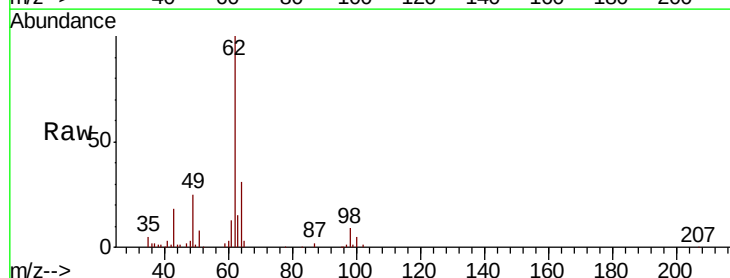
Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

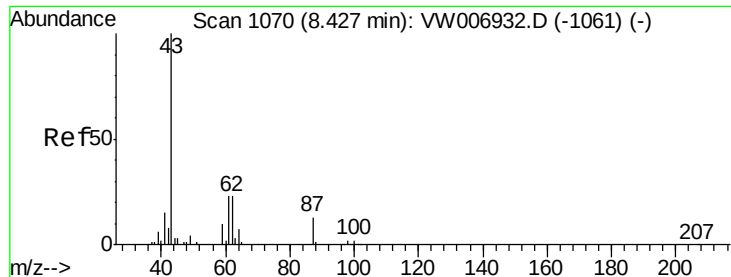
Tgt Ion:	41	Resp:	20392
Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.8	62.6
67	70.6	54.7	82.1
52	31.7	23.8	35.8



#42
1,2-Dichloroethane
Concen: 52.164 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion:	62	Resp:	69269
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 56.925 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

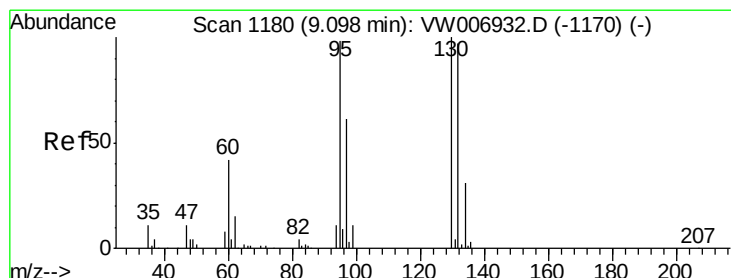
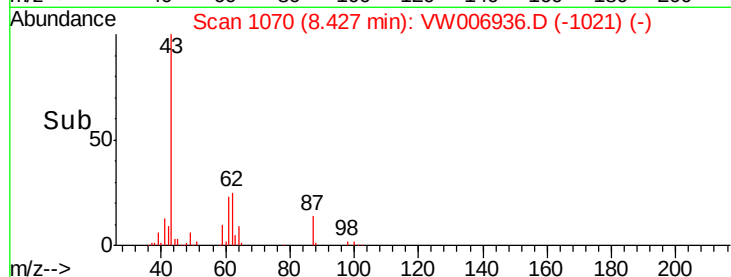
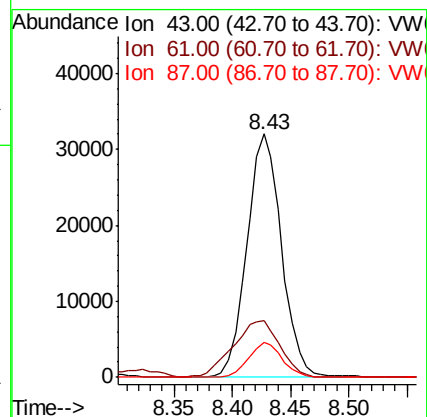
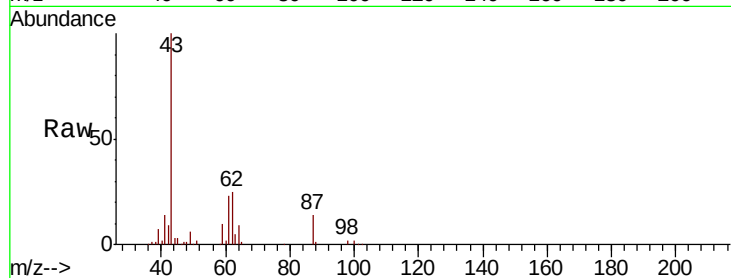
Tgt Ion: 43 Resp: 66165

Ion Ratio Lower Upper

43 100

61 31.5 24.6 37.0

87 13.9 11.0 16.6



#44

Trichloroethene

Concen: 42.297 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006936.D

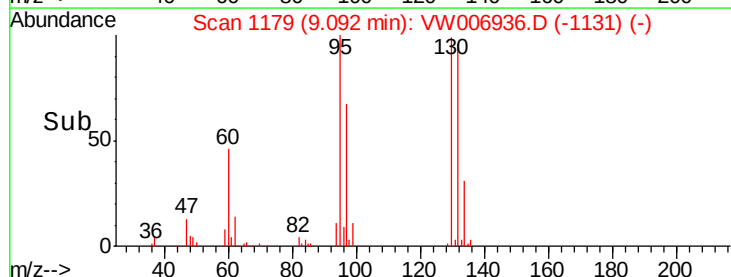
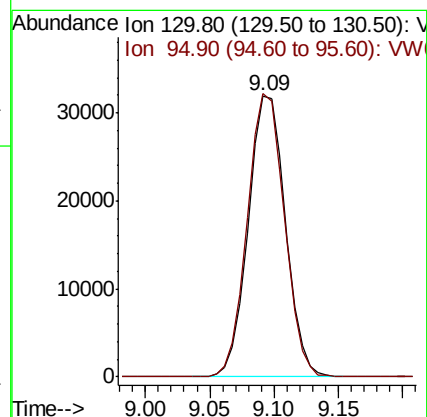
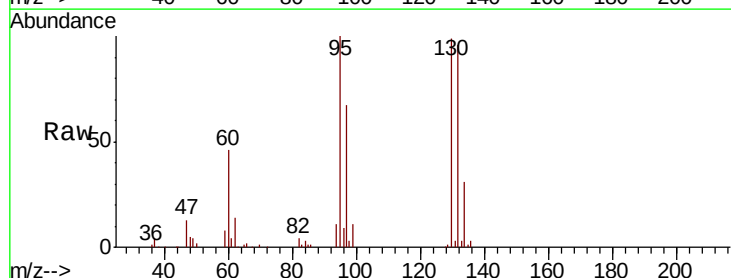
Acq: 17 Nov 2018 02:17

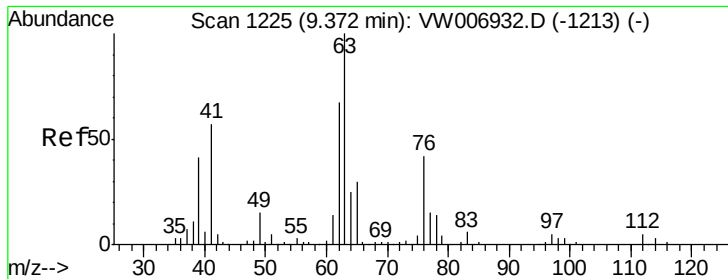
Tgt Ion: 130 Resp: 63597

Ion Ratio Lower Upper

130 100

95 100.7 0.0 196.4

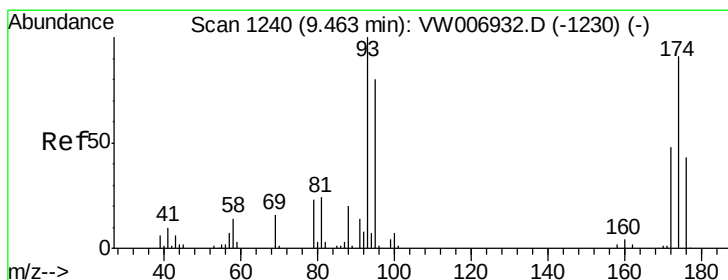
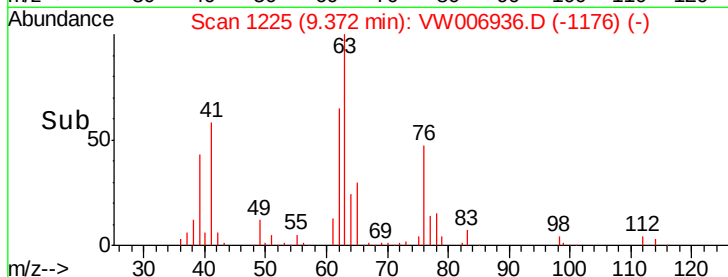
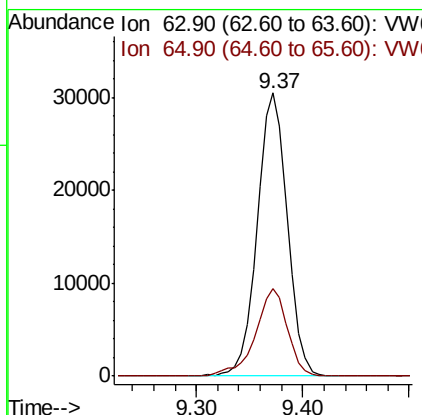
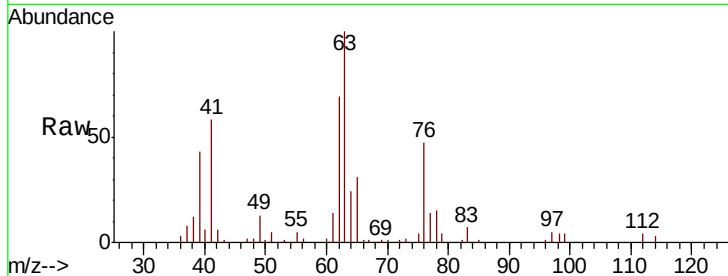




#45
 1,2-Dichloropropane
 Concen: 52.476 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

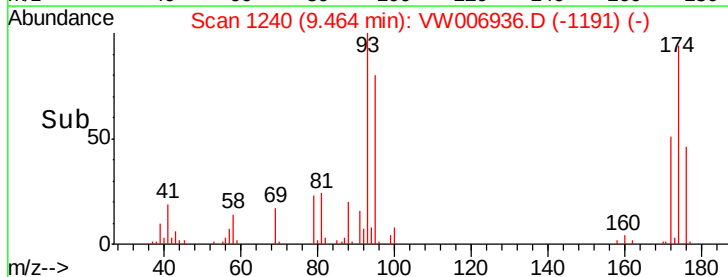
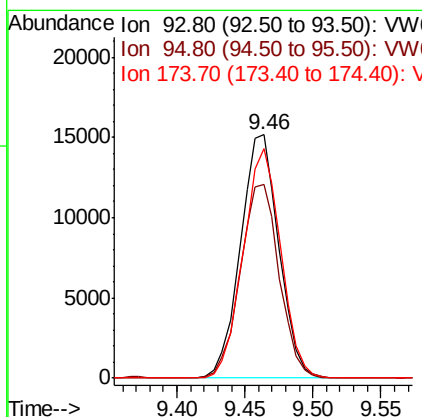
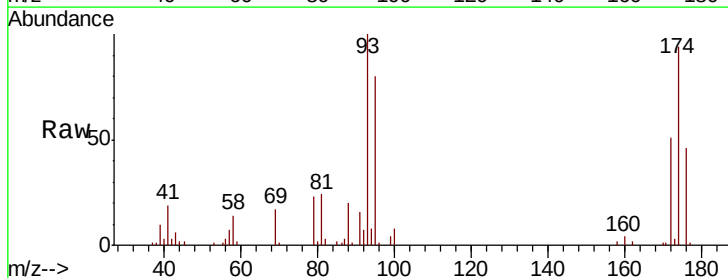
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

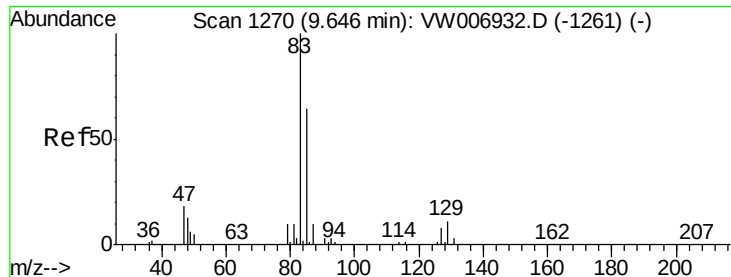
Tgt Ion: 63 Resp: 60387
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.9 35.9



#46
 Dibromomethane
 Concen: 47.398 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 93 Resp: 29910
 Ion Ratio Lower Upper
 93 100
 95 80.7 65.7 98.5
 174 92.6 75.0 112.4





#47

Bromodichloromethane

Concen: 50.870 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVWV111718

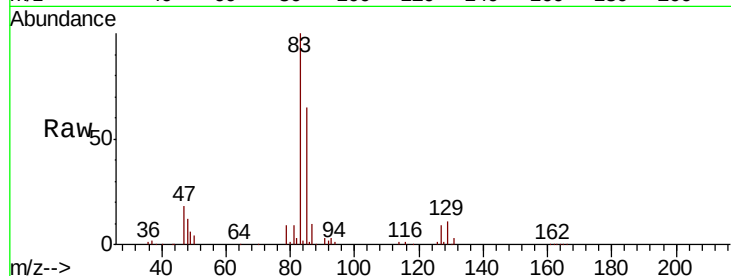
Tgt Ion: 83 Resp: 80261

Ion Ratio Lower Upper

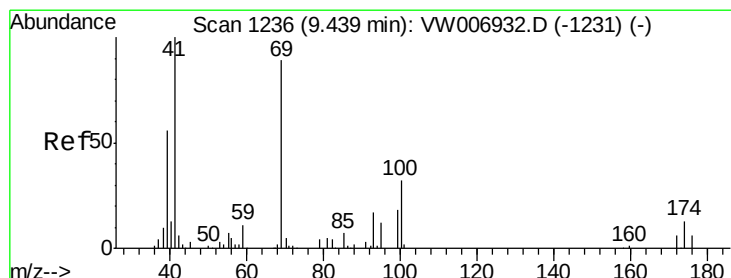
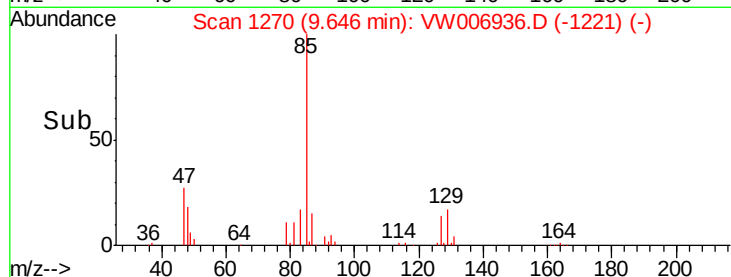
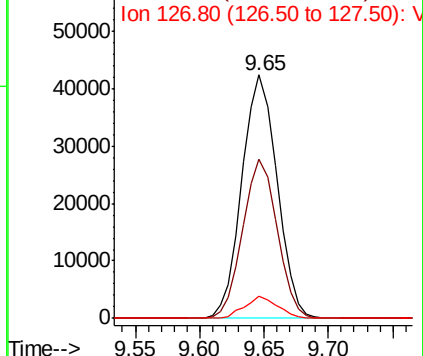
83 100

85 65.3 50.8 76.2

127 9.1 6.6 10.0



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): VW



#48

Methyl methacrylate

Concen: 58.389 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

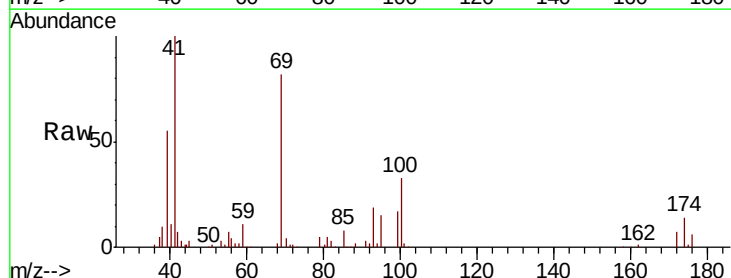
Tgt Ion: 41 Resp: 33015

Ion Ratio Lower Upper

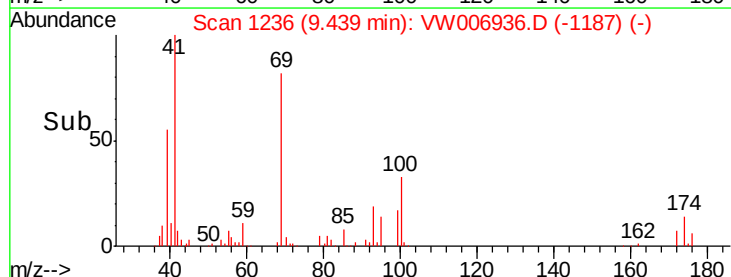
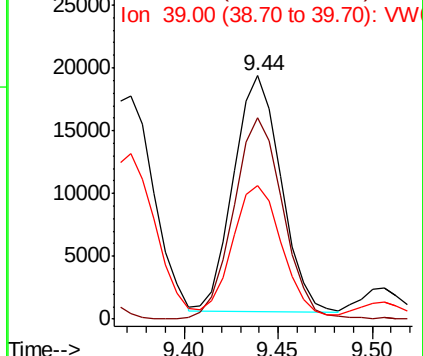
41 100

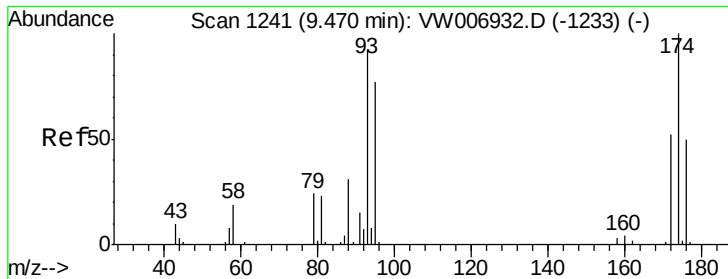
69 88.1 73.4 110.0

39 59.4 46.1 69.1



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

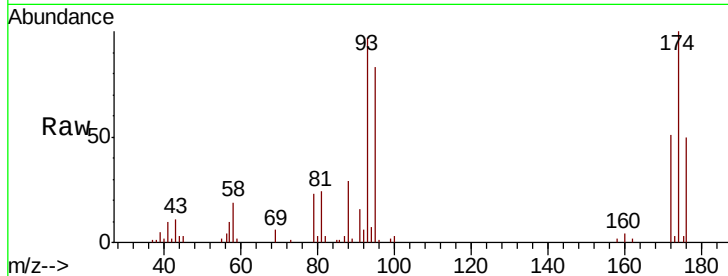




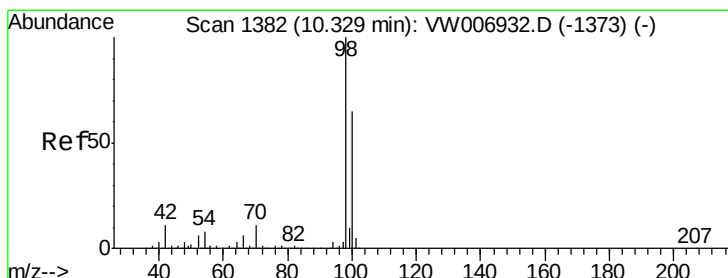
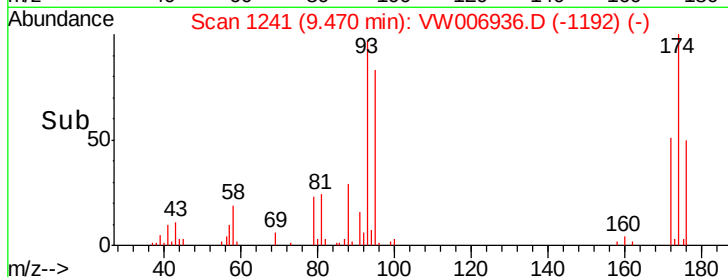
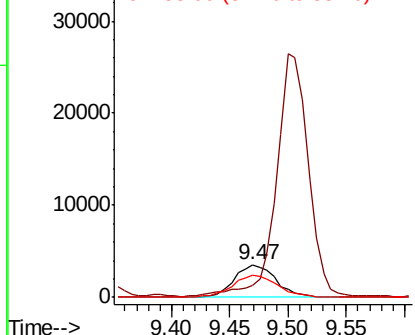
#49
1,4-Dioxane
Concen: 920.576 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

Tgt Ion: 88 Resp: 8814
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.9 57.4 86.2

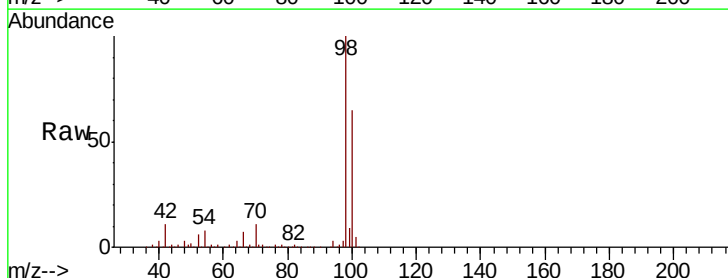


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

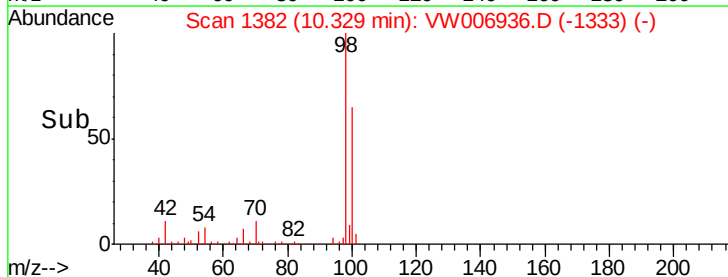
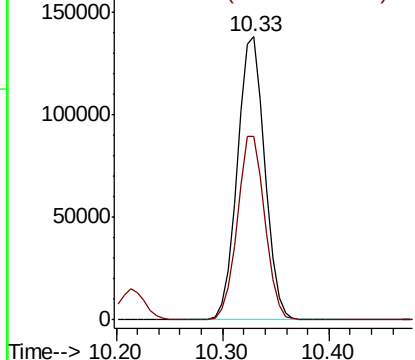


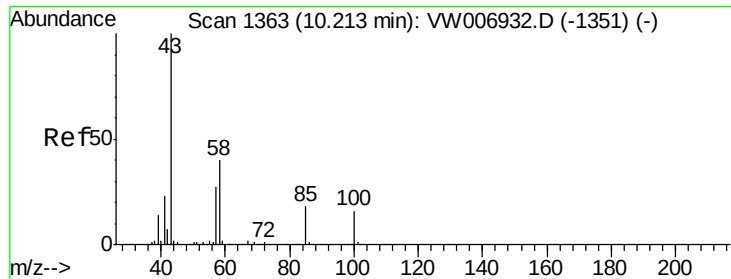
#50
Toluene-d8
Concen: 53.178 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion: 98 Resp: 249297
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



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

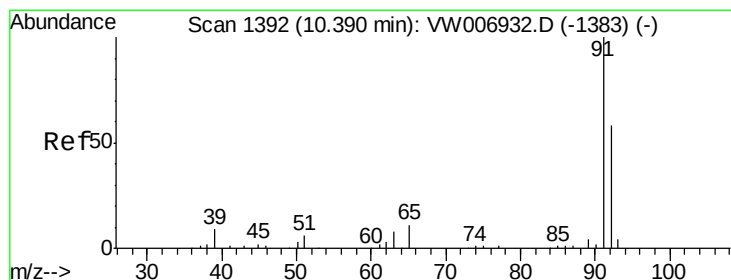
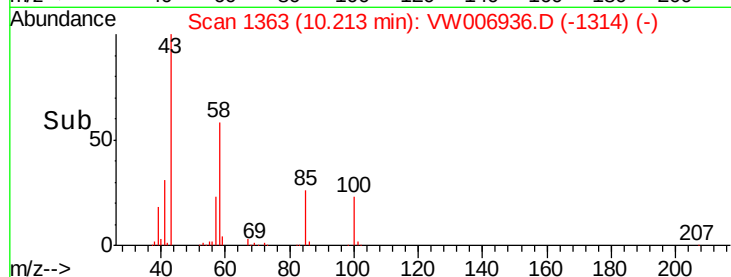
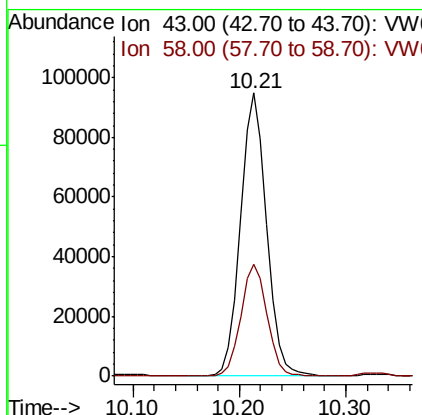
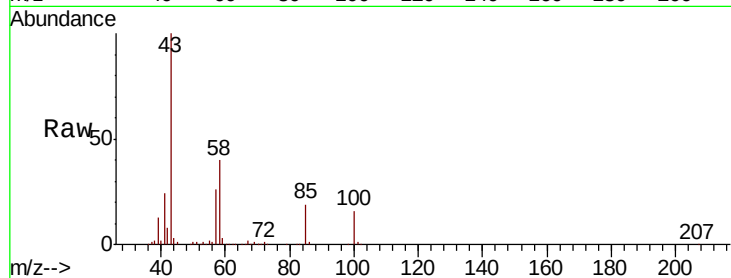




#51
 4-Methyl-2-Pentanone
 Concen: 281.195 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

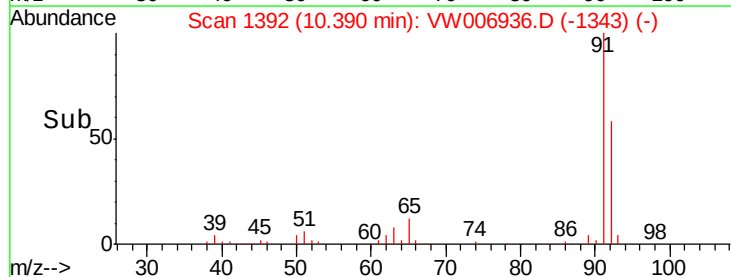
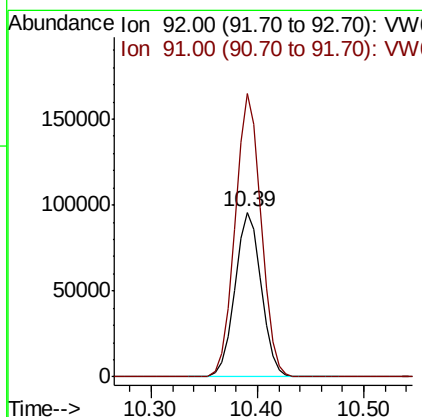
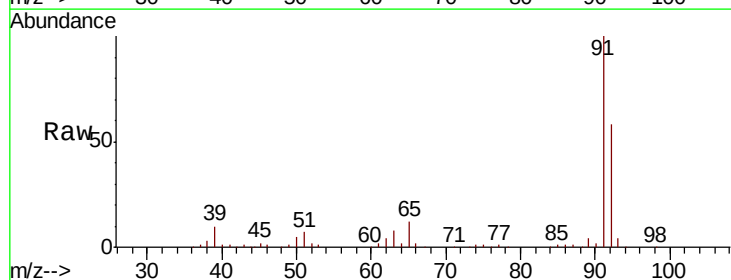
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW111718

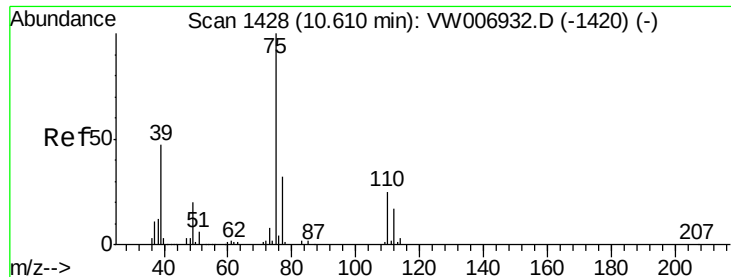
Tgt Ion: 43 Resp: 163301
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.0 46.4



#52
 Toluene
 Concen: 48.463 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 92 Resp: 165963
 Ion Ratio Lower Upper
 92 100
 91 170.2 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 50.771 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

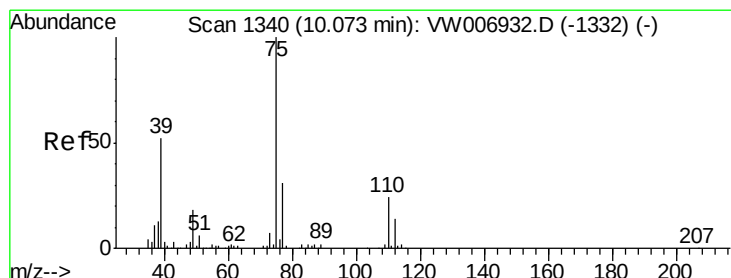
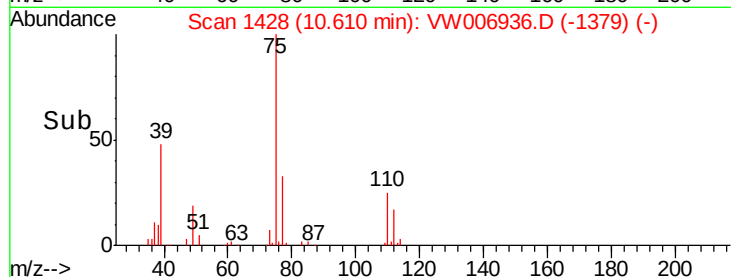
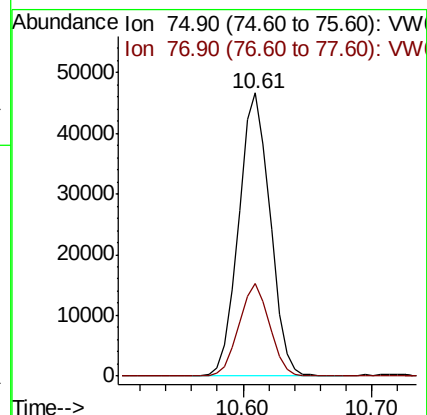
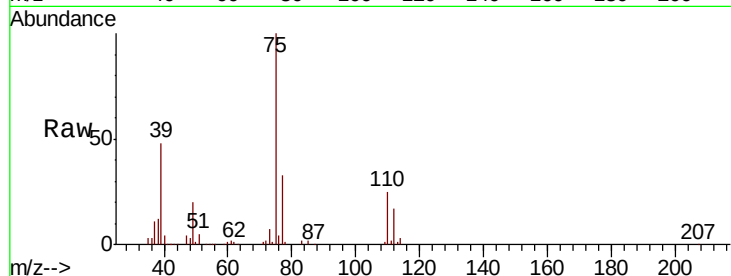
ICVW111718

Tgt Ion: 75 Resp: 78891

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.186 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

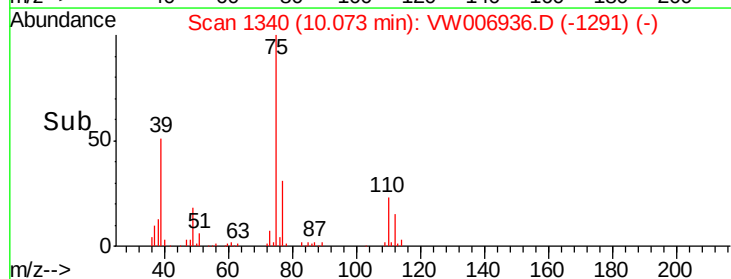
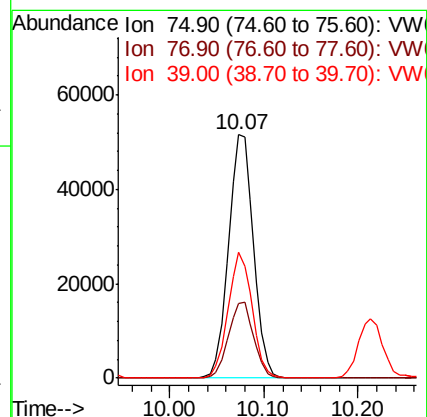
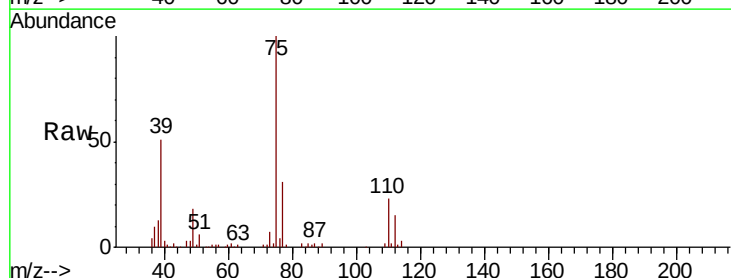
Tgt Ion: 75 Resp: 94386

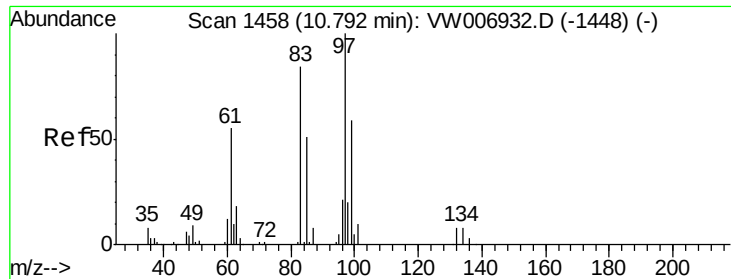
Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0

39 51.5 41.4 62.2

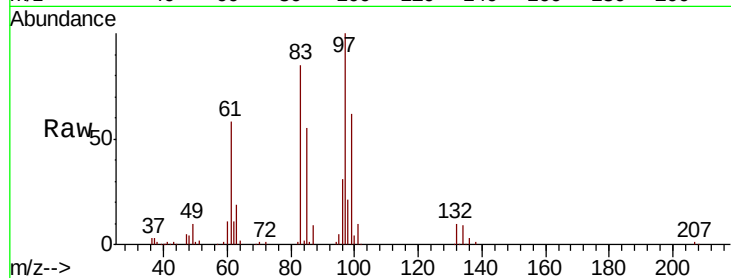




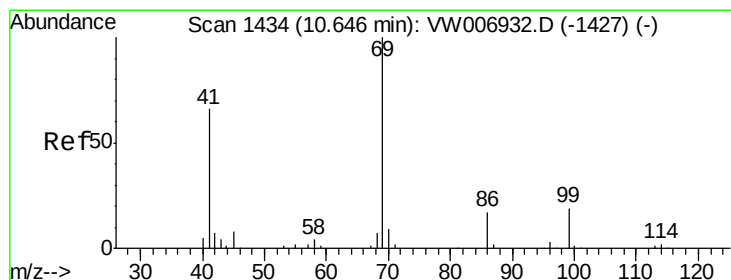
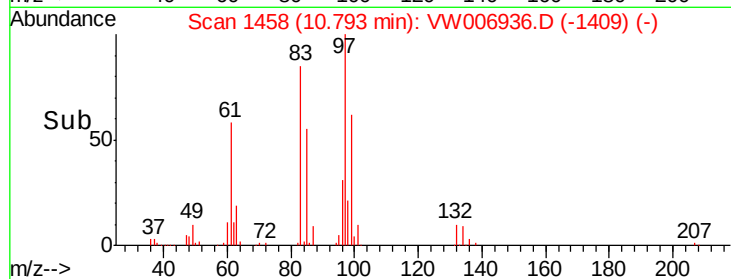
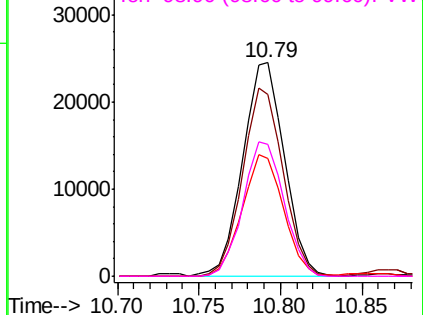
#55
 1,1,2-Trichloroethane
 Concen: 46.511 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

Tgt Ion: 97 Resp: 43567
 Ion Ratio Lower Upper
 97 100
 83 84.8 67.5 101.3
 85 55.2 41.0 61.6
 99 61.6 47.4 71.2

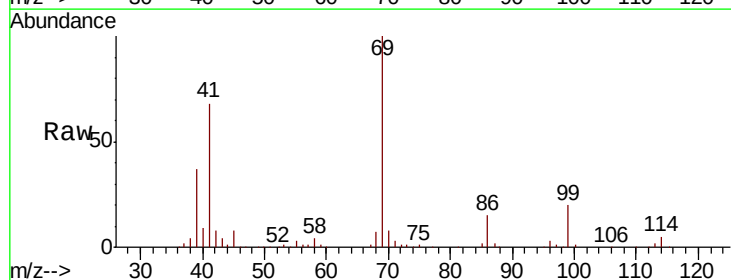


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

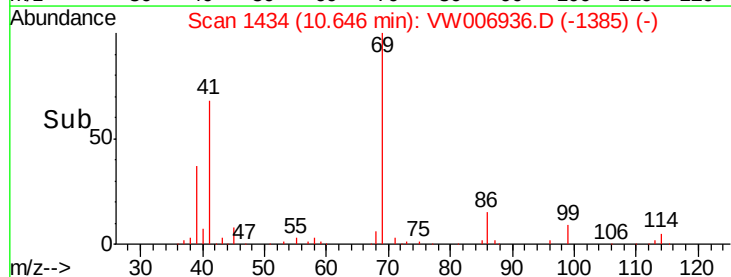
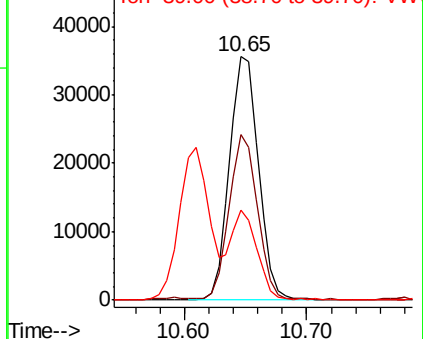


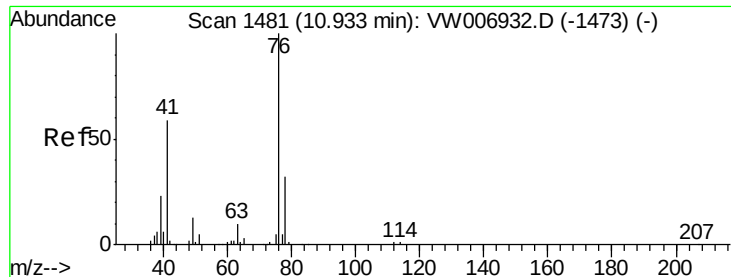
#56
 Ethyl methacrylate
 Concen: 55.833 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 69 Resp: 58401
 Ion Ratio Lower Upper
 69 100
 41 65.9 53.8 80.6
 39 35.2 29.0 43.6



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

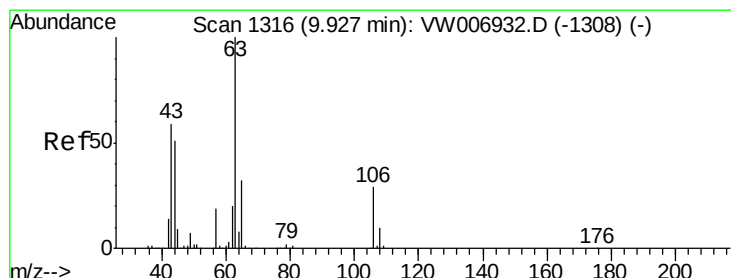
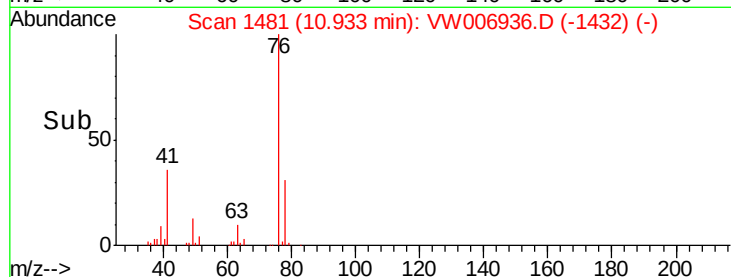
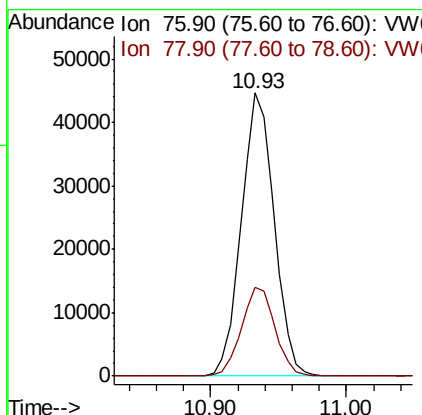
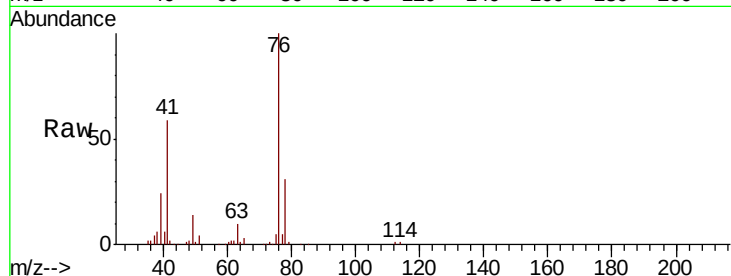




#57
 1,3-Dichloropropane
 Concen: 50.320 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

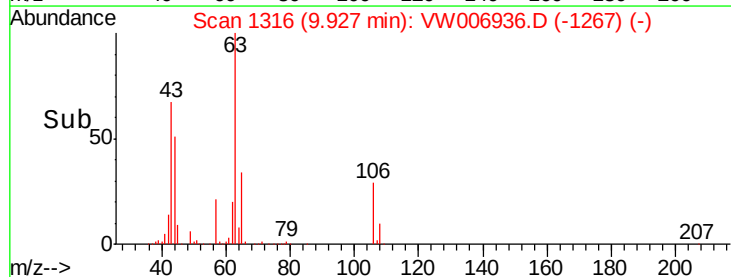
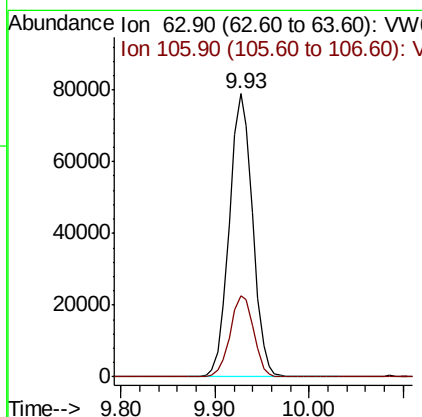
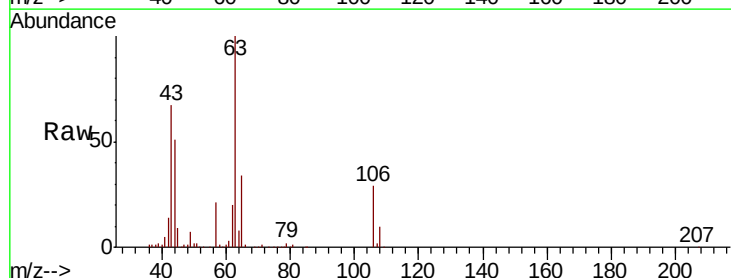
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW111718

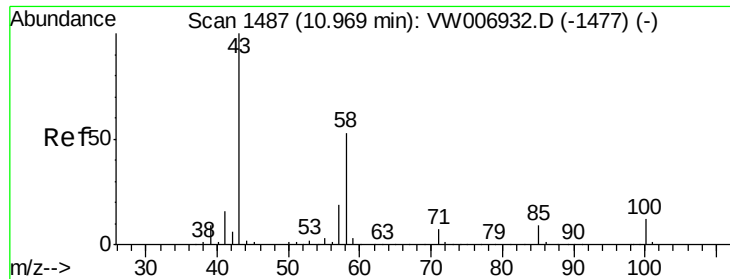
Tgt Ion: 76 Resp: 75422
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.749 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 63 Resp: 134877
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.6 33.8

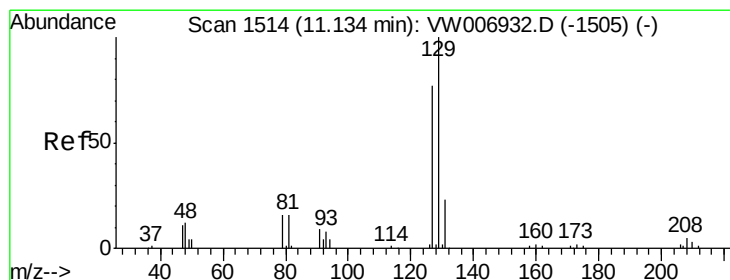
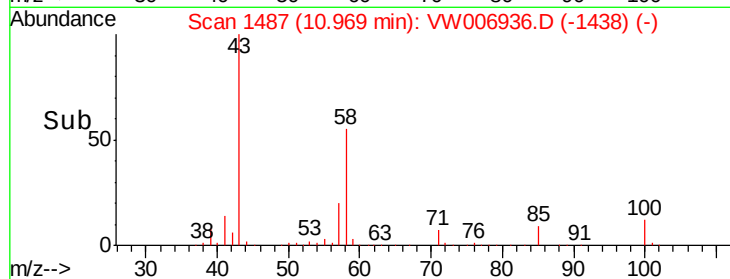
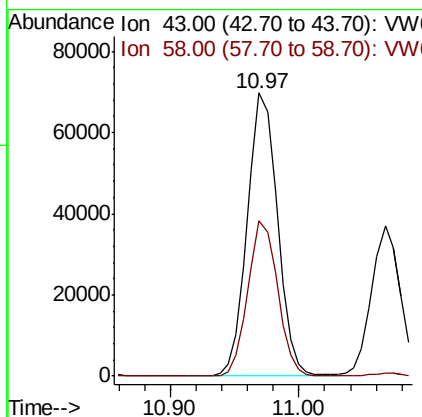
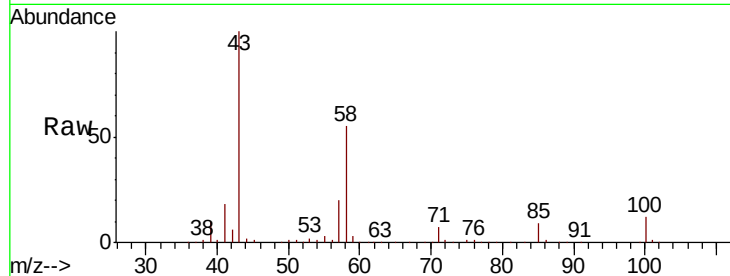




#59
2-Hexanone
Concen: 283.896 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

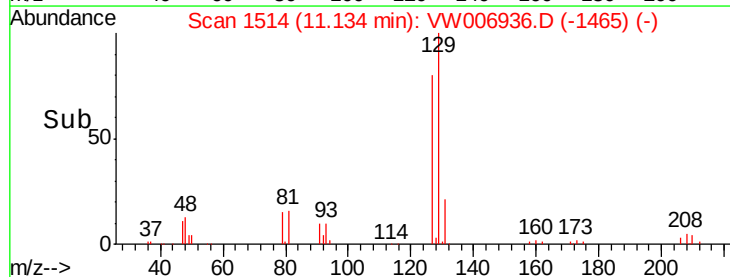
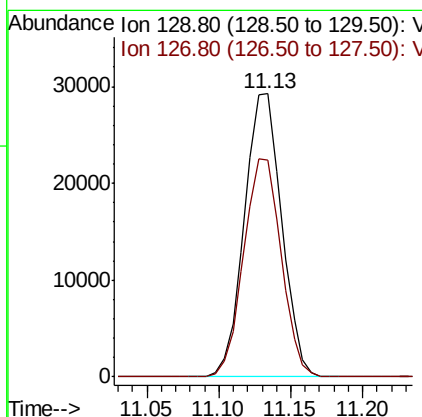
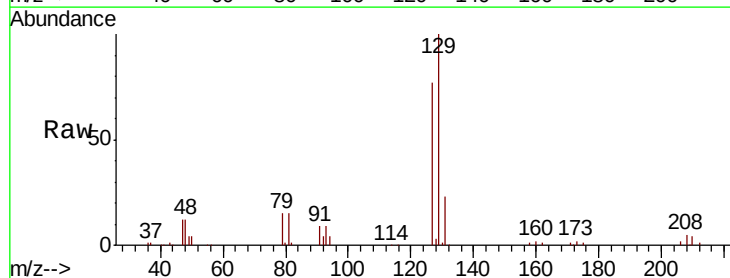
Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

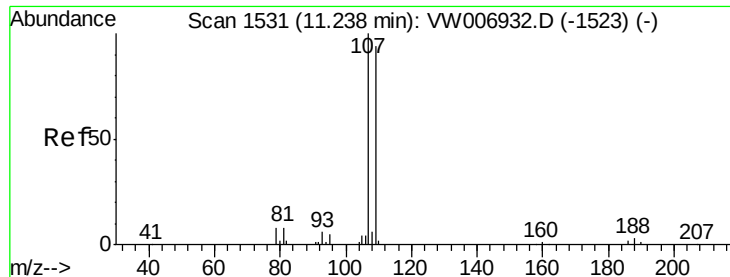
Tgt Ion: 43 Resp: 113086
Ion Ratio Lower Upper
43 100
58 54.2 26.8 80.4



#60
Dibromochloromethane
Concen: 46.280 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion: 129 Resp: 52440
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3

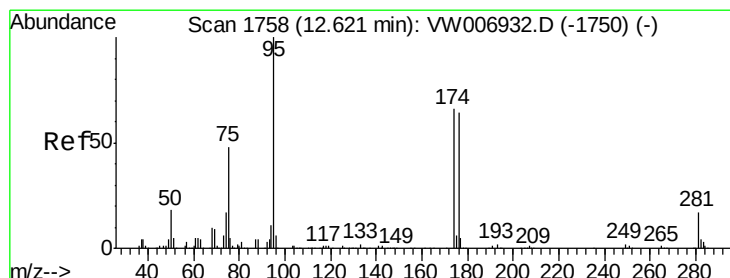
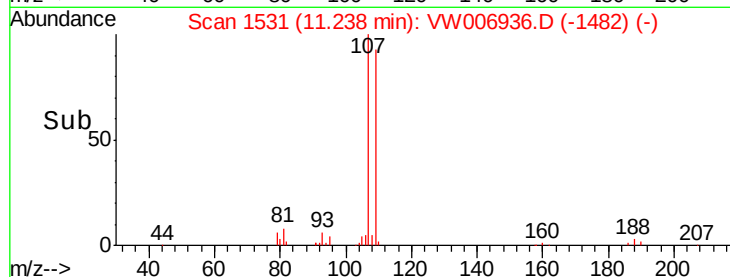
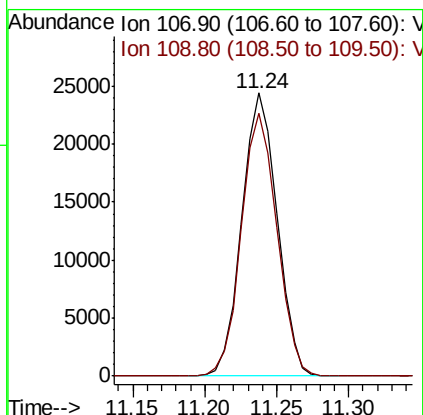
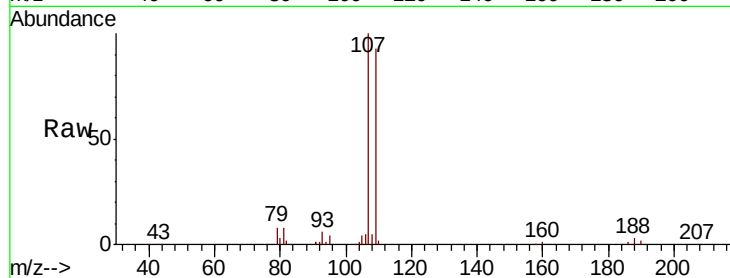




#61
 1,2-Dibromoethane
 Concen: 46.782 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

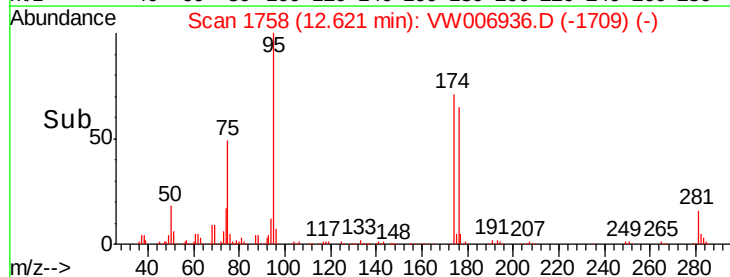
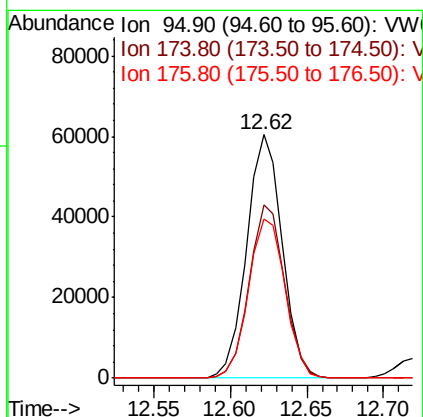
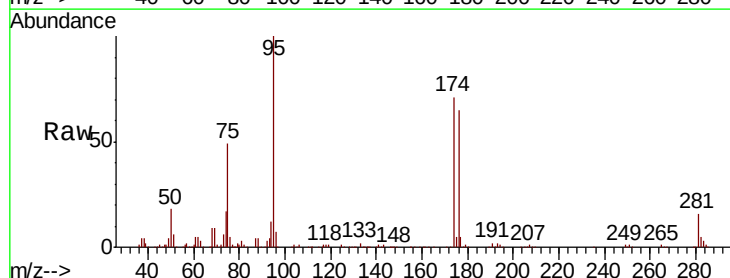
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

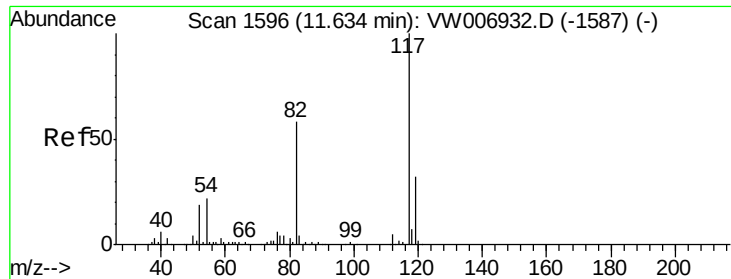
Tgt Ion: 107 Resp: 41424
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 55.852 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 95 Resp: 97389
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 138.4
 176 67.7 0.0 133.4

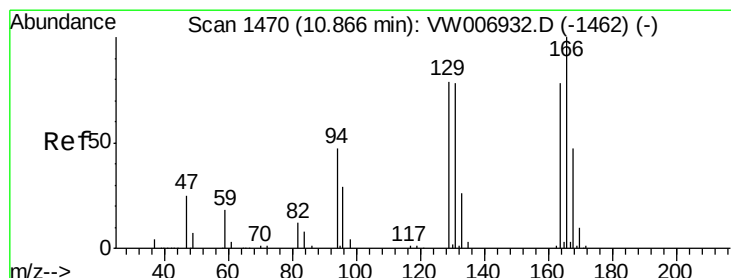
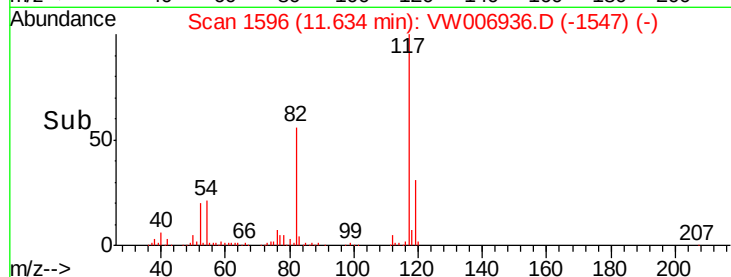
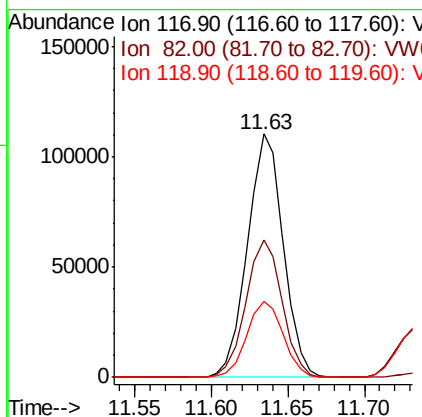
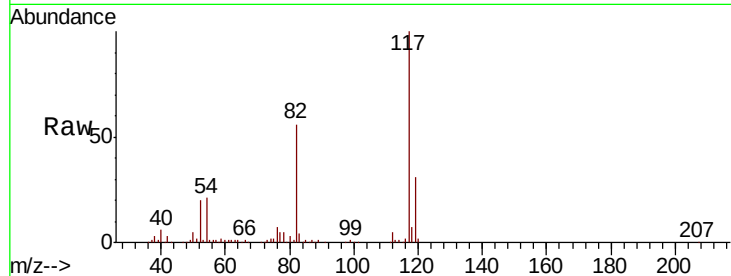




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

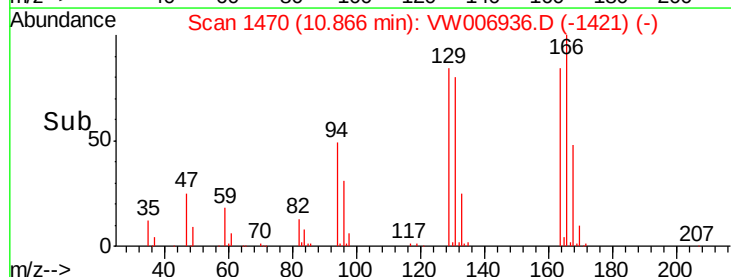
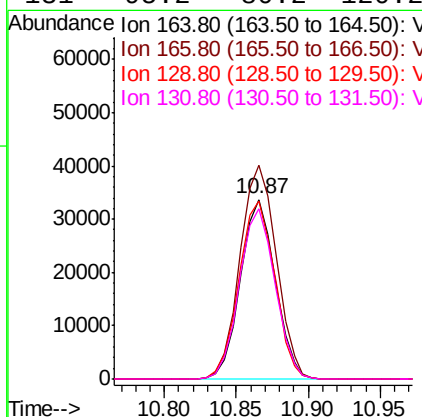
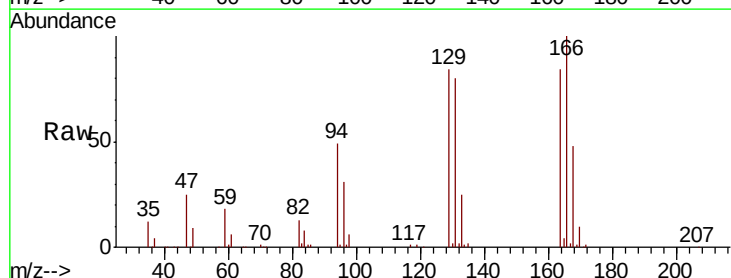
Instrument :
MSVOA_W
ClientSampleId :
ICVW11718

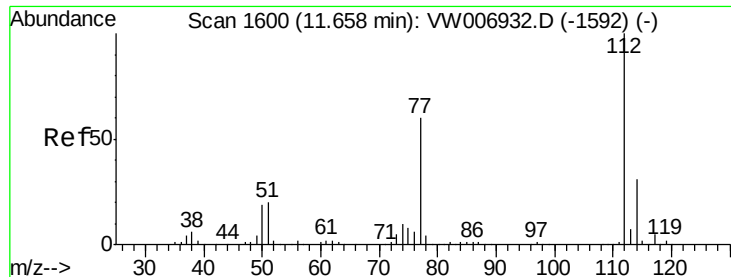
Tgt Ion:117 Resp: 179348
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.2
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 40.567 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion:164 Resp: 56257
Ion Ratio Lower Upper
164 100
166 119.2 102.6 154.0
129 99.6 81.0 121.4
131 95.2 80.2 120.2

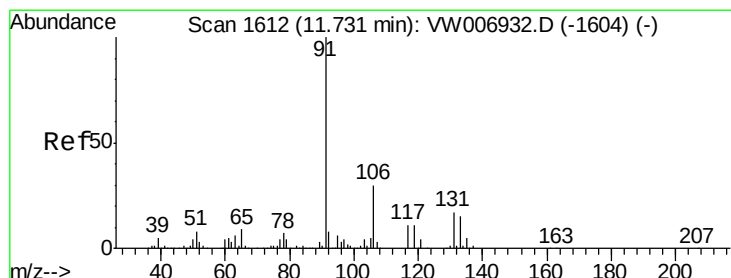
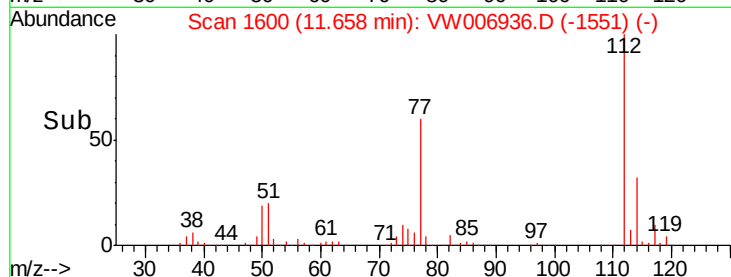
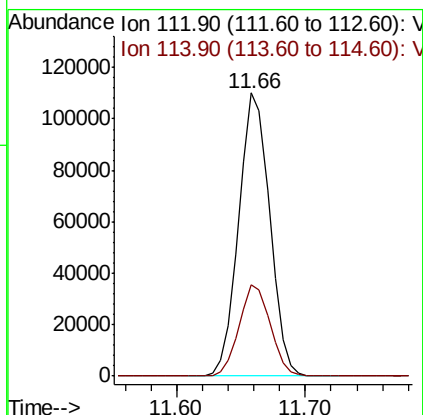
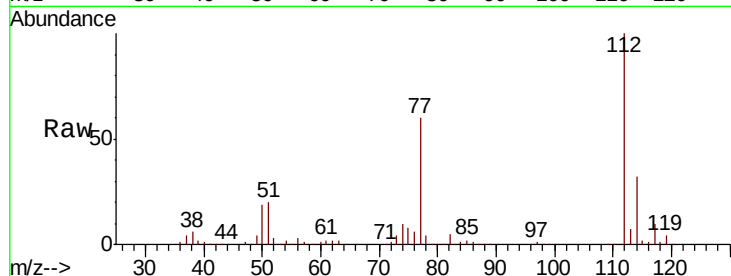




#65
Chlorobenzene
Concen: 46.467 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

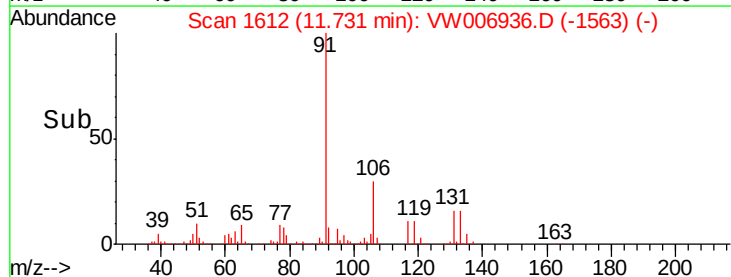
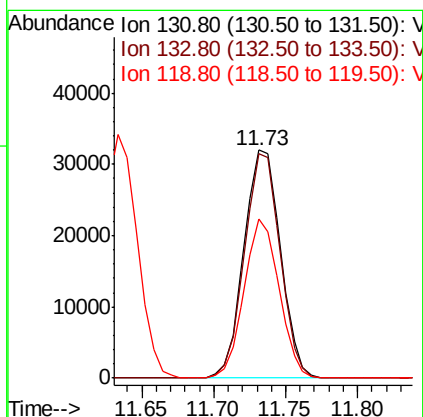
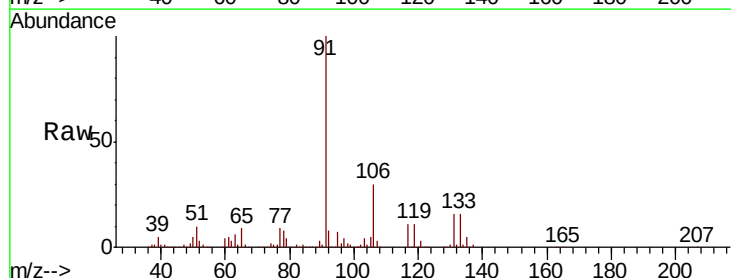
Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

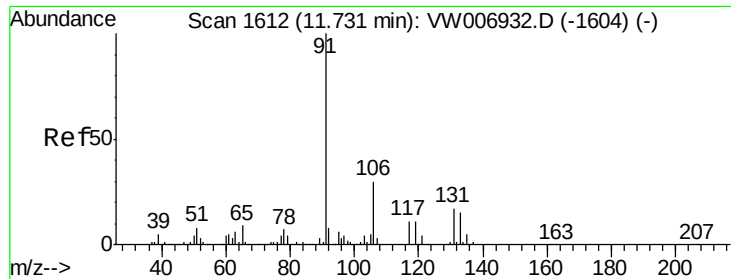
Tgt Ion:112 Resp: 183503
Ion Ratio Lower Upper
112 100
114 32.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 44.078 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion:131 Resp: 56328
Ion Ratio Lower Upper
131 100
133 95.5 47.2 141.6
119 66.6 32.5 97.4

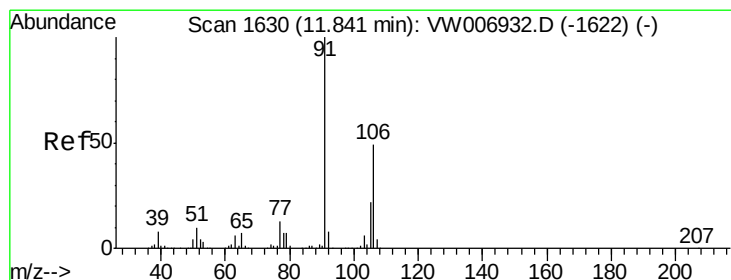
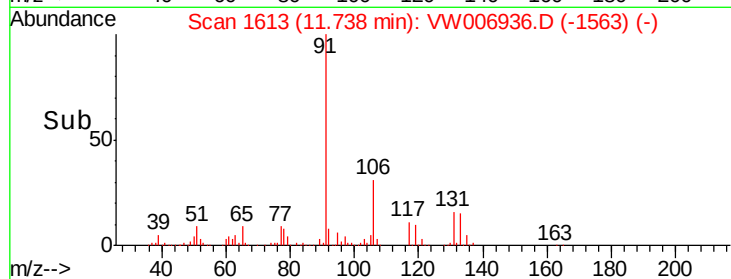
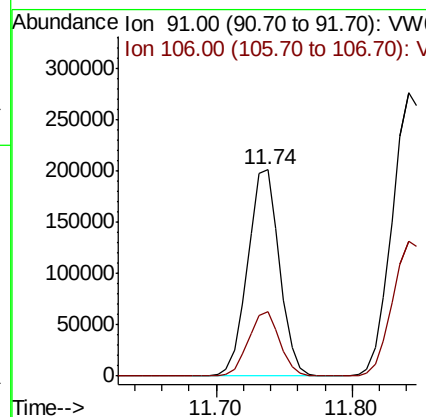
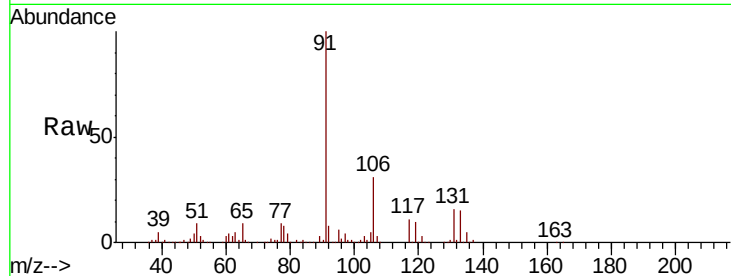




#67
Ethyl Benzene
Concen: 48.418 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

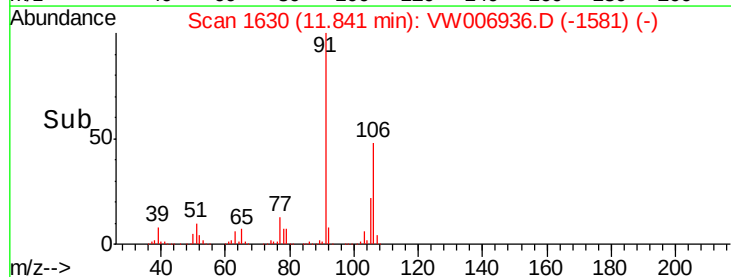
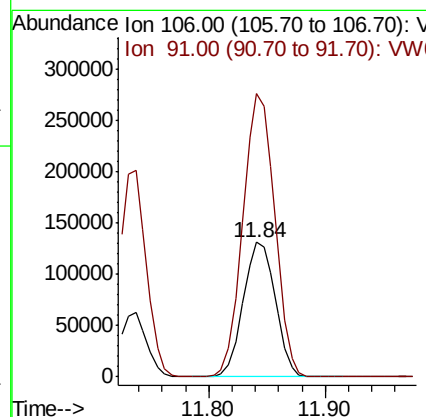
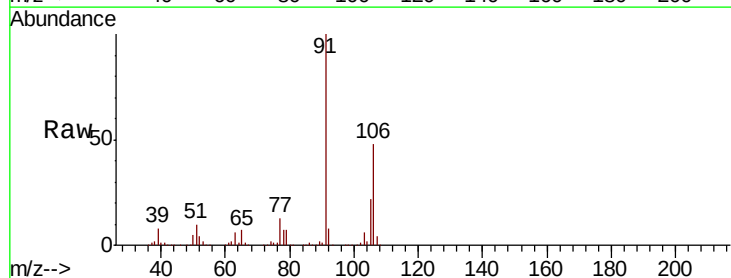
Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

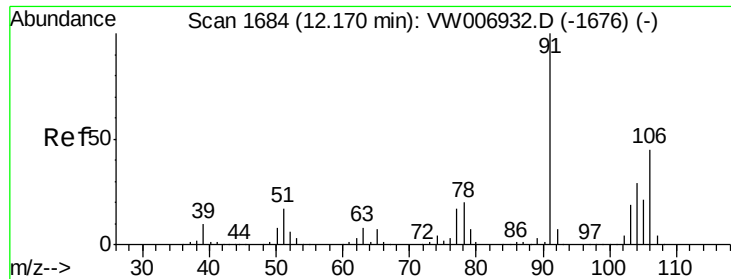
Tgt Ion: 91 Resp: 328242
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0



#68
m/p-Xylenes
Concen: 92.085 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion: 106 Resp: 253078
Ion Ratio Lower Upper
106 100
91 208.4 165.0 247.4

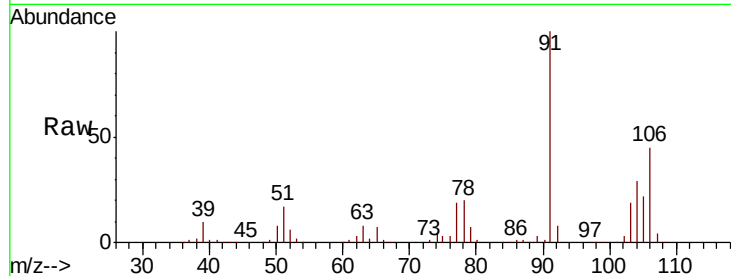




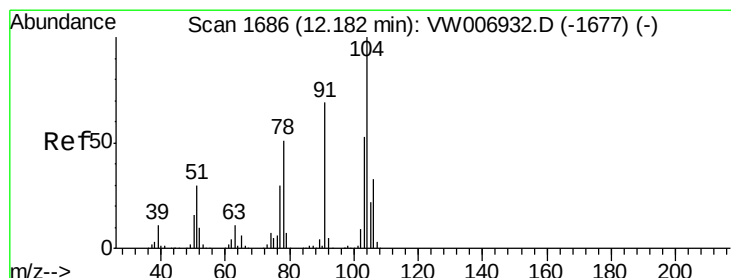
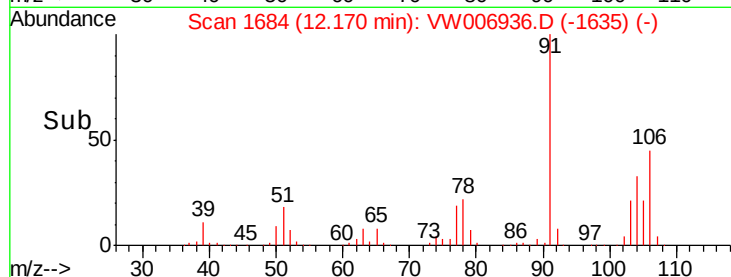
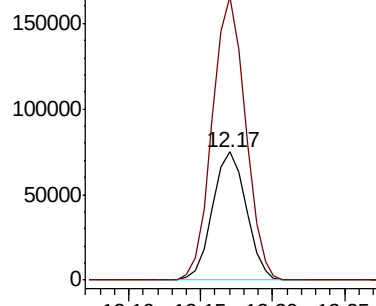
#69
o-Xylene
Concen: 47.423 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

Tgt Ion:106 Resp: 121608
Ion Ratio Lower Upper
106 100
91 217.8 109.2 327.6

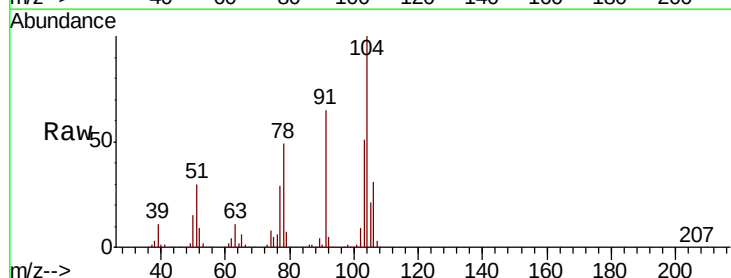


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

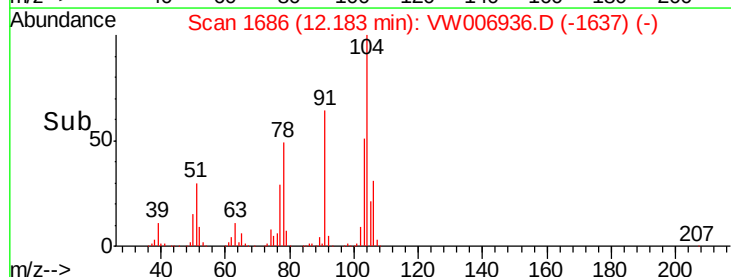
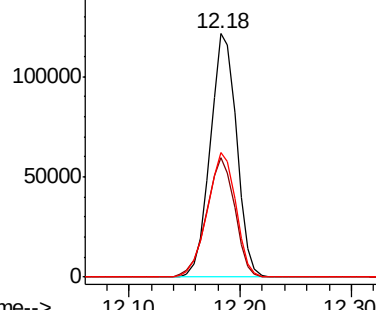


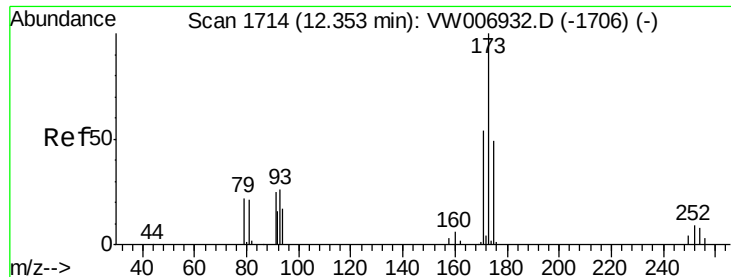
#70
Styrene
Concen: 48.444 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion:104 Resp: 199276
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 55.4 44.3 66.5



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





#71

Bromoform

Concen: 39.209 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVWV111718

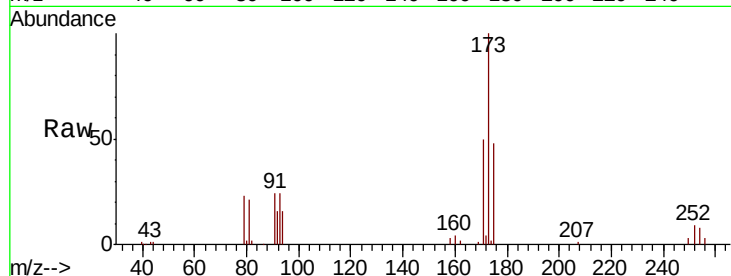
Tgt Ion:173 Resp: 26692

Ion Ratio Lower Upper

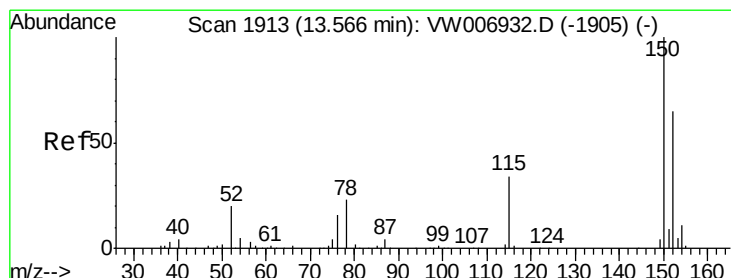
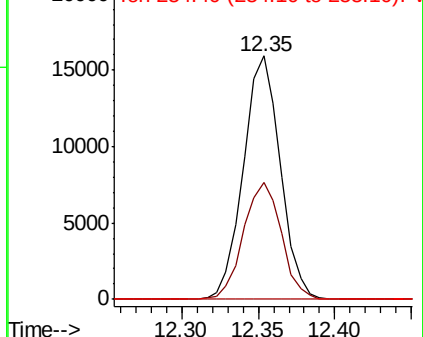
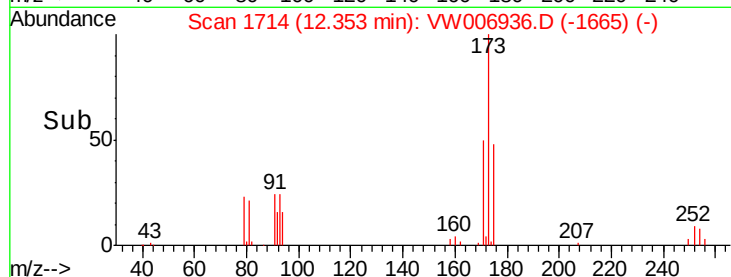
173 100

175 49.4 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

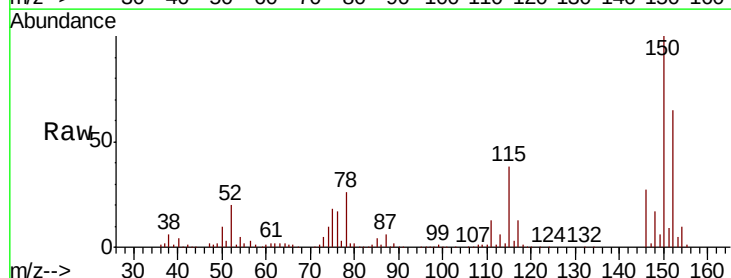
Tgt Ion:152 Resp: 87050

Ion Ratio Lower Upper

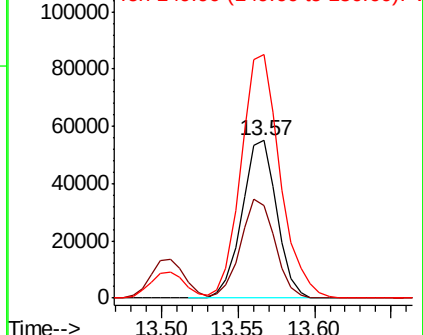
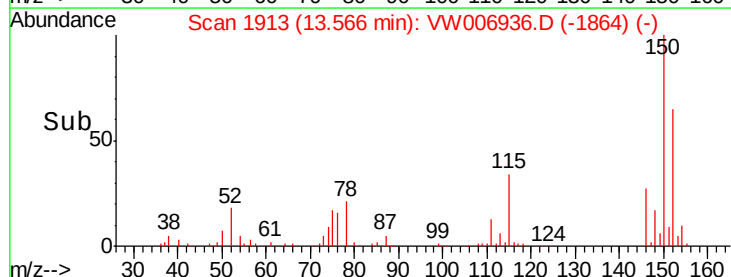
152 100

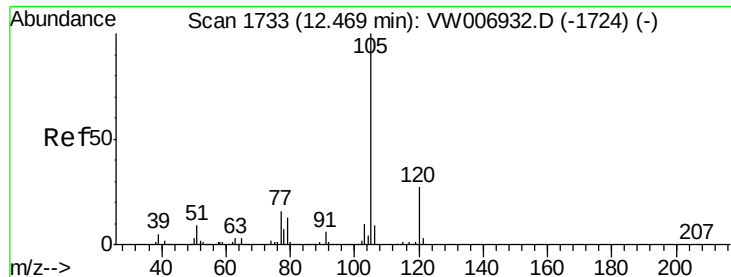
115 62.2 31.6 94.7

150 172.8 0.0 350.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.109 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

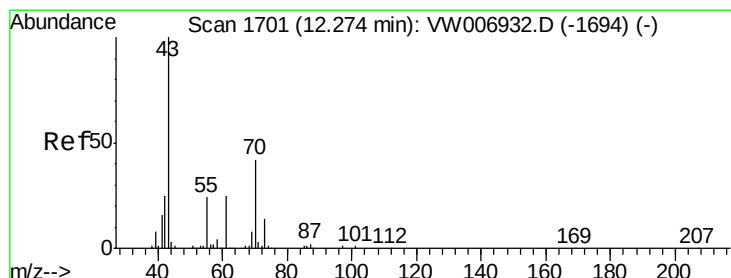
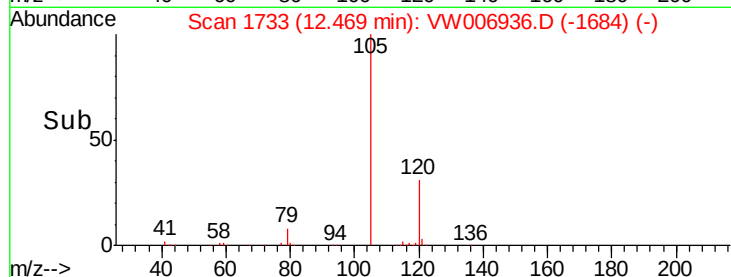
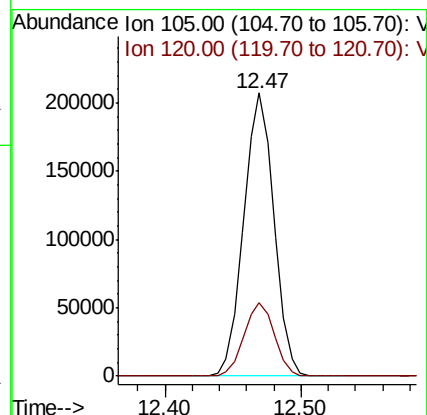
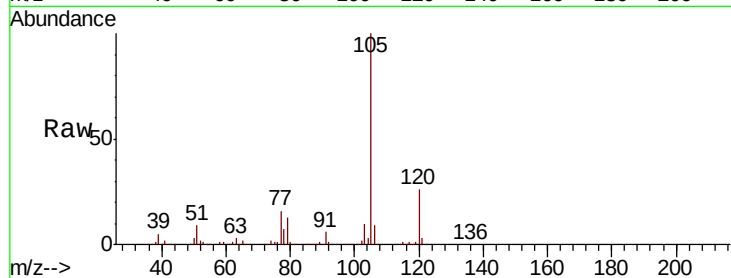
ICVW111718

Tgt Ion: 105 Resp: 321425

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 66.946 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Tgt Ion: 43 Resp: 66218

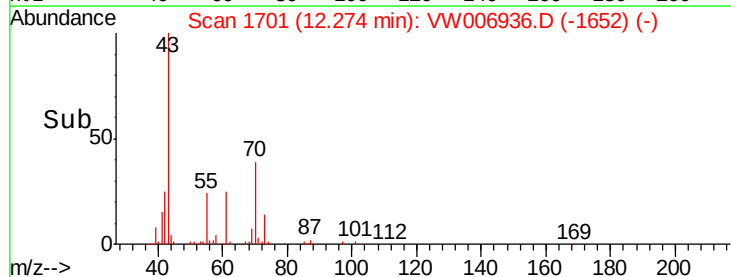
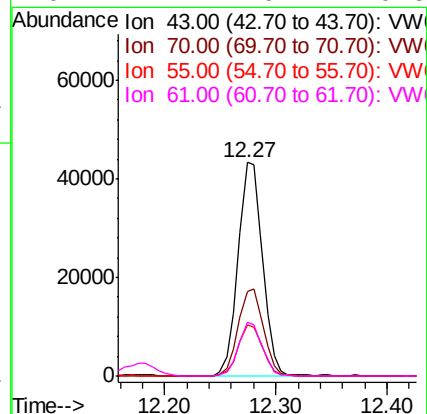
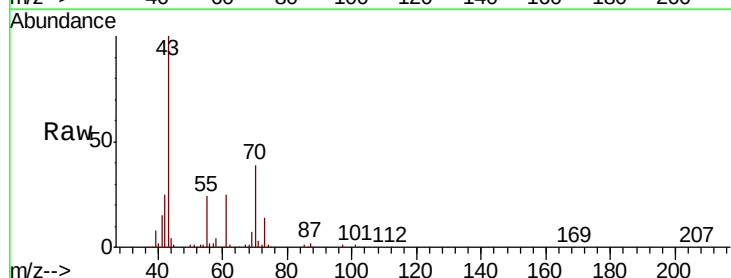
Ion Ratio Lower Upper

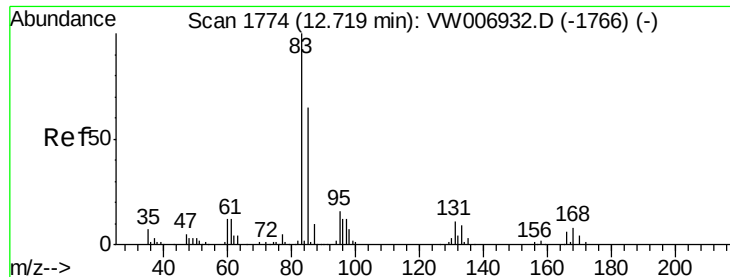
43 100

70 41.6 34.2 51.4

55 23.8 19.5 29.3

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 55.556 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVWV111718

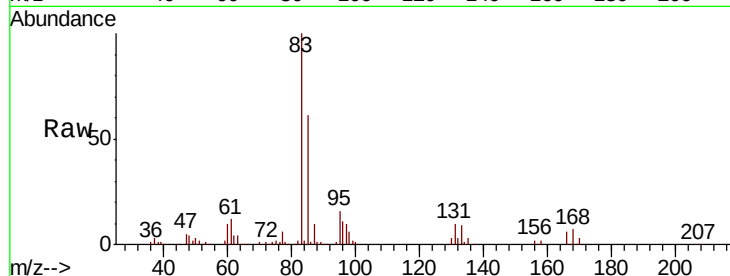
Tgt Ion: 83 Resp: 47823

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

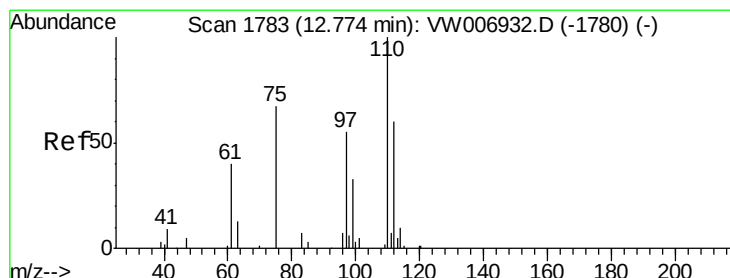
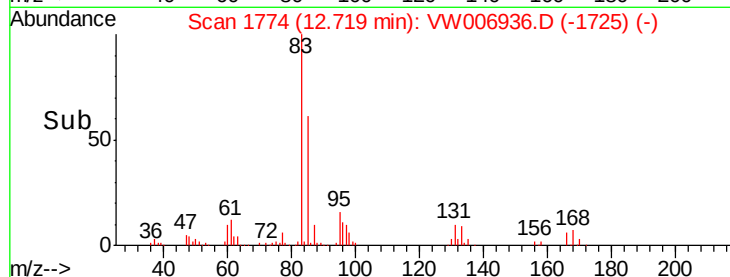
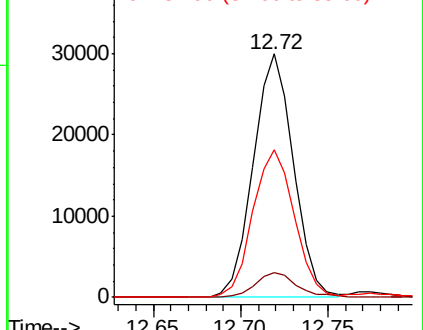
85 62.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 97.469 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006936.D

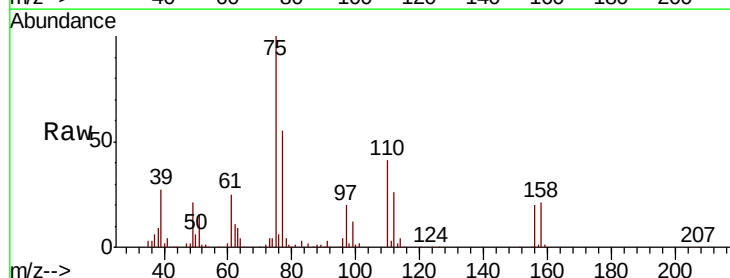
Acq: 17 Nov 2018 02:17

Tgt Ion: 75 Resp: 64037

Ion Ratio Lower Upper

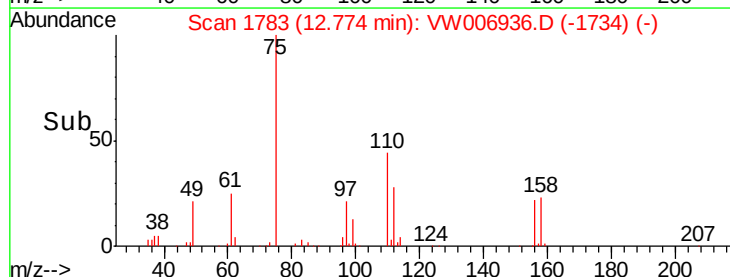
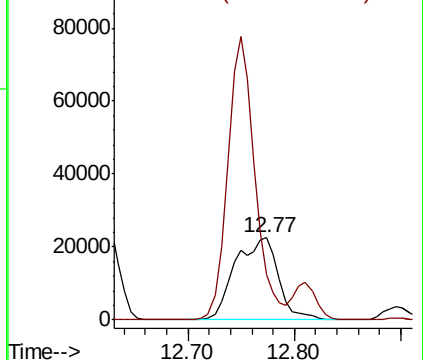
75 100

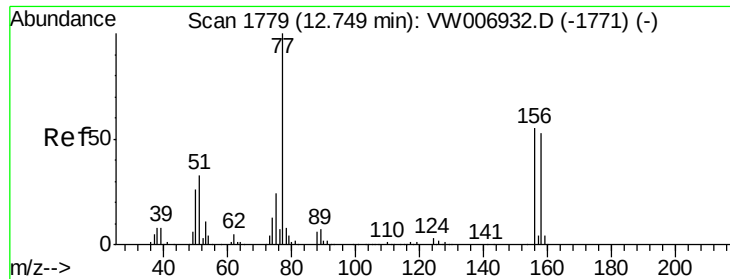
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

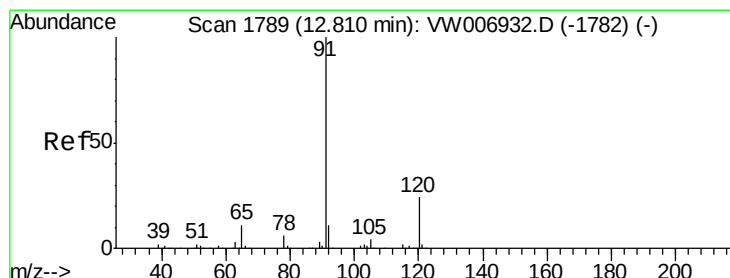
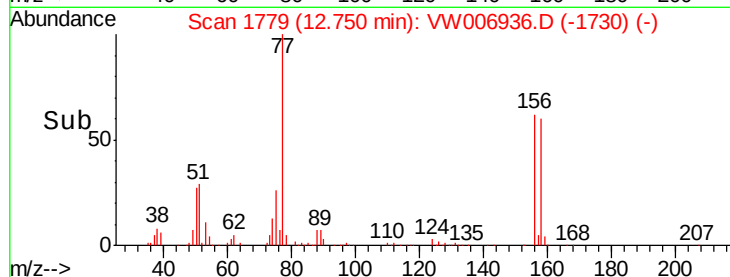
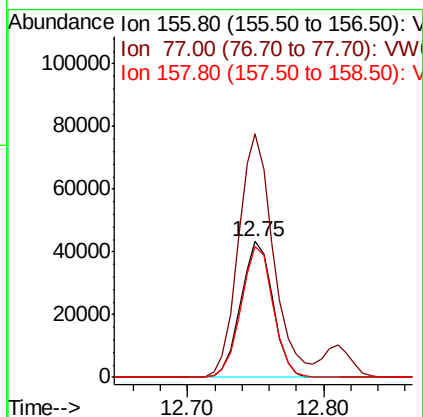
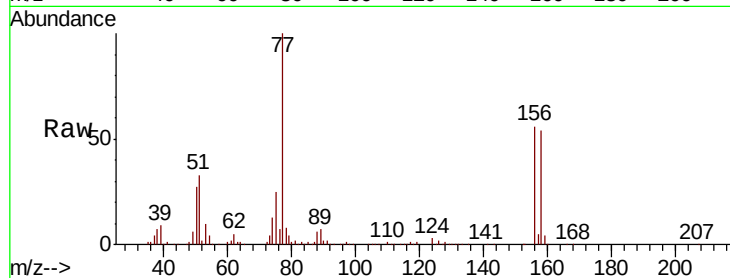




#77
Bromobenzene
Concen: 47.007 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

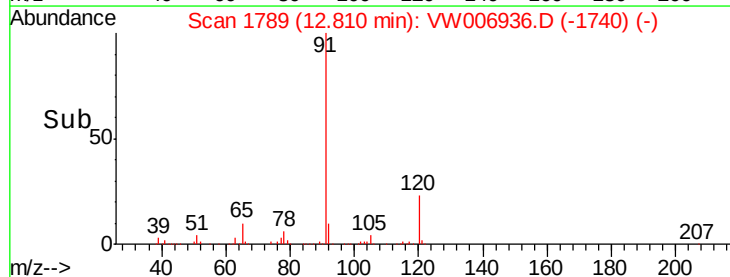
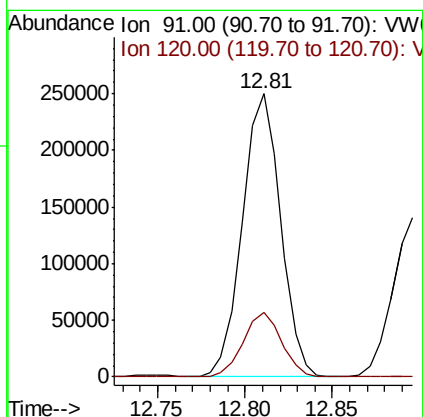
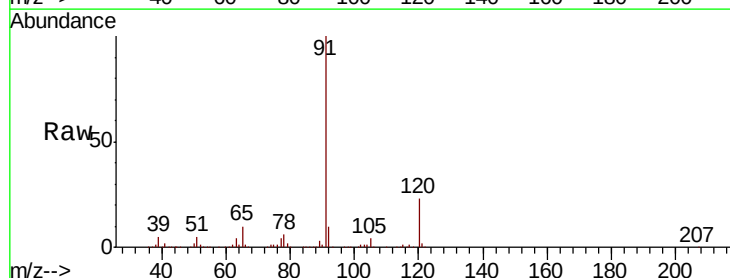
Instrument :
MSVOA_W
ClientSampleId :
ICVW111718

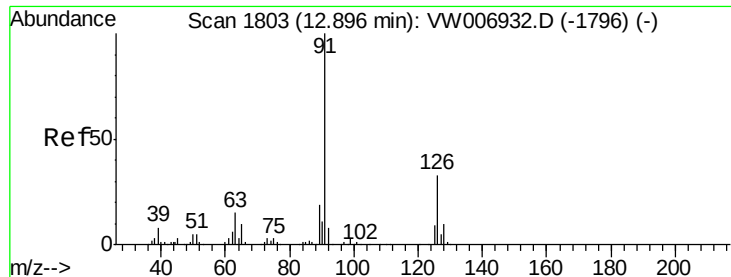
Tgt Ion: 156 Resp: 71324
Ion Ratio Lower Upper
156 100
77 195.6 97.8 293.3
158 96.3 47.9 143.7



#78
n-propylbenzene
Concen: 52.012 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion: 91 Resp: 379760
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5

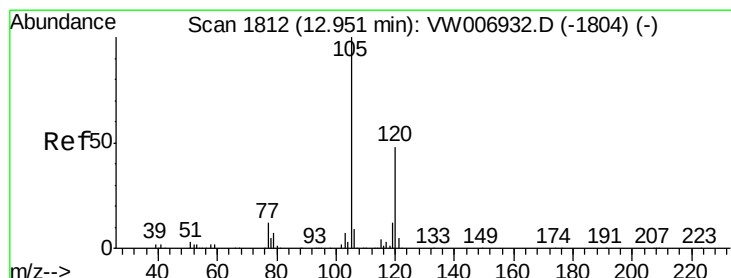
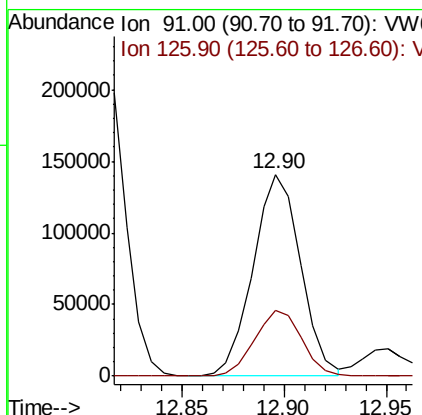
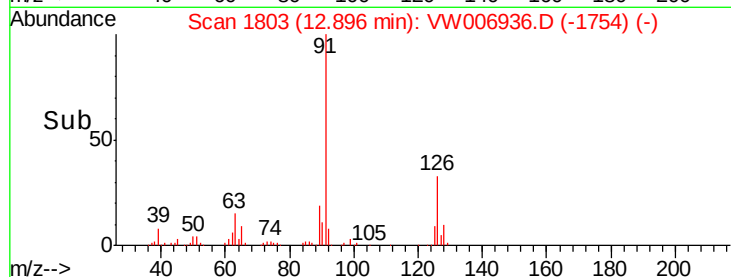
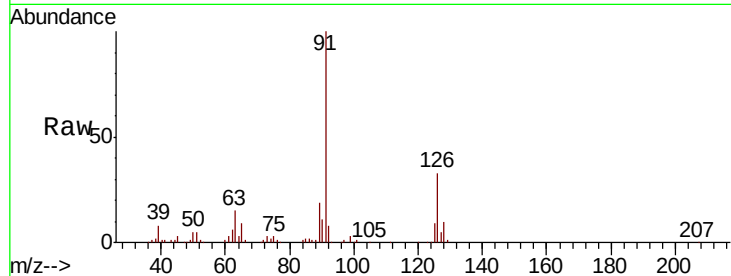




#79
 2-Chlorotoluene
 Concen: 55.238 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

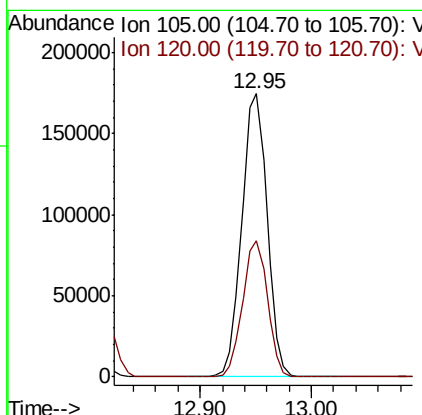
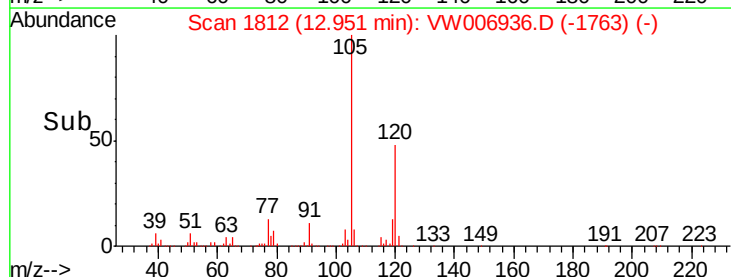
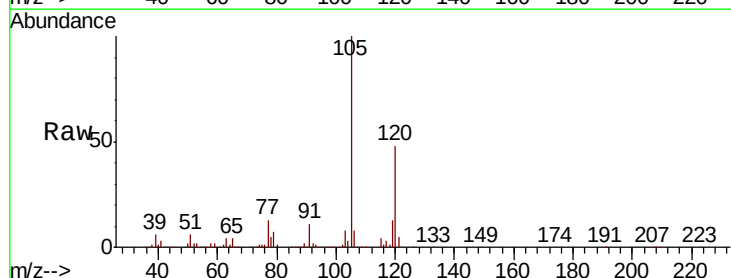
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

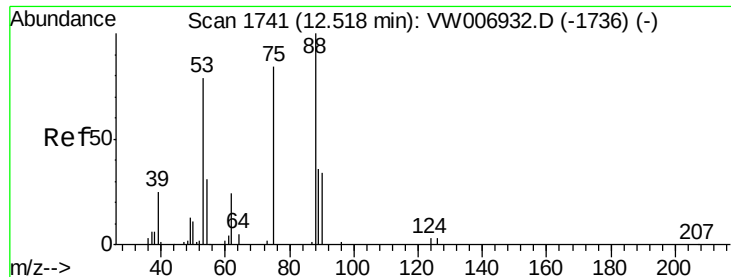
Tgt Ion: 91 Resp: 228007
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.928 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 105 Resp: 275191
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 55.099 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

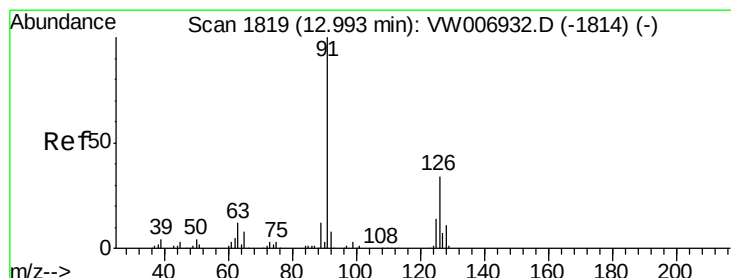
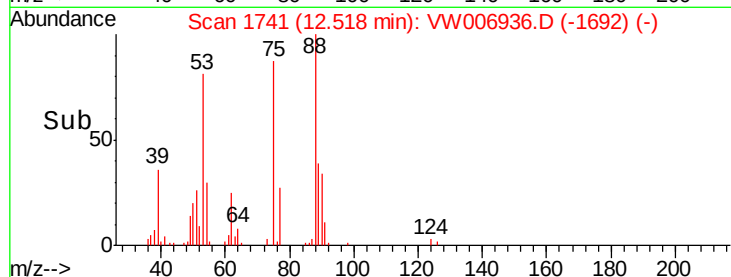
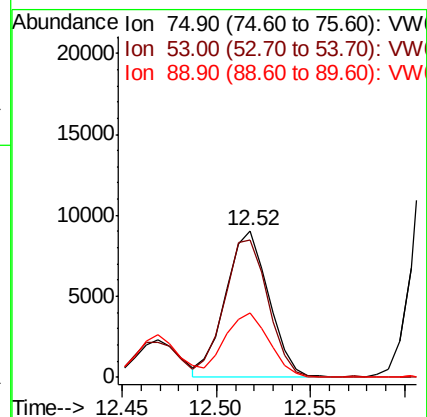
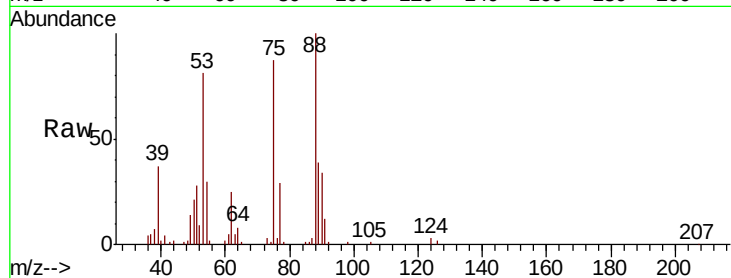
Tgt Ion: 75 Resp: 14476

Ion Ratio Lower Upper

75 100

53 95.0 79.3 118.9

89 44.4 39.5 59.3



#82

4-Chlorotoluene

Concen: 54.570 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006936.D

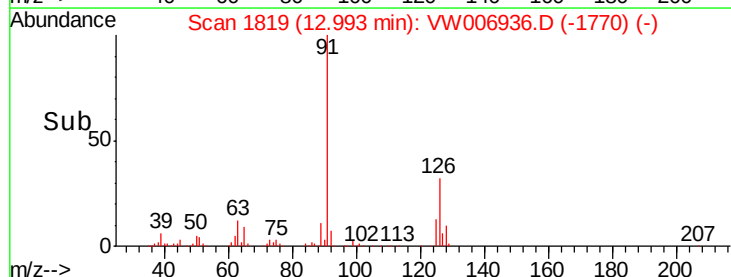
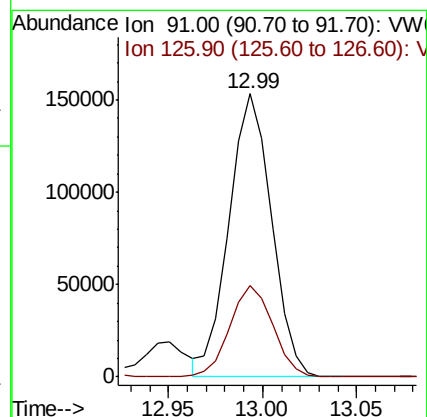
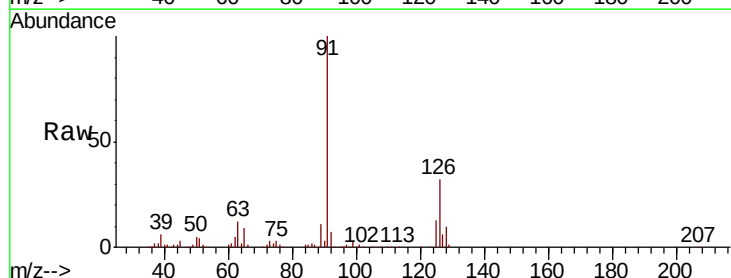
Acq: 17 Nov 2018 02:17

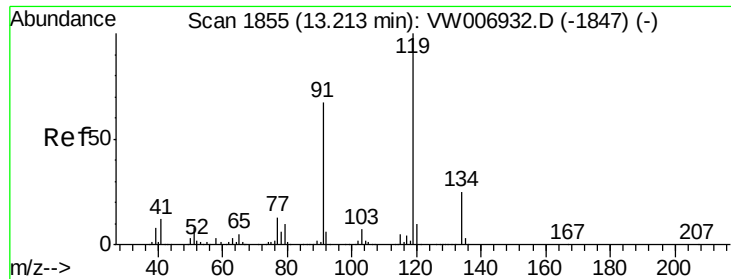
Tgt Ion: 91 Resp: 240075

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6





#83

tert-Butylbenzene

Concen: 49.301 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

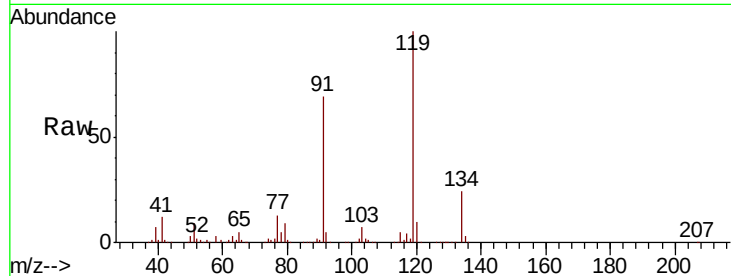
Tgt Ion:119 Resp: 229157

Ion Ratio Lower Upper

119 100

91 68.2 33.8 101.4

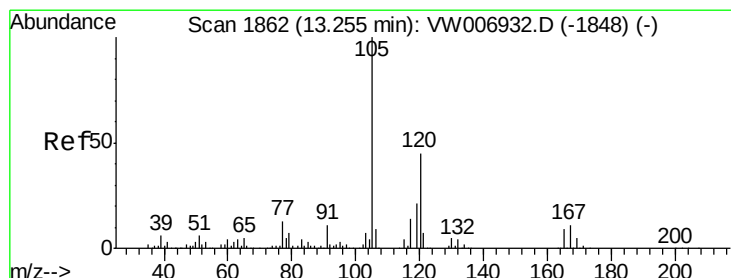
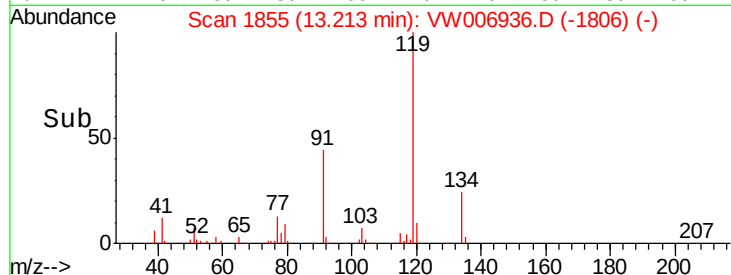
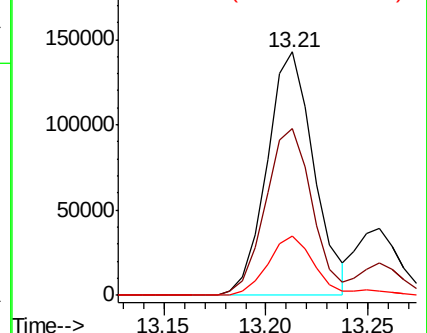
134 25.4 12.6 37.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.437 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006936.D

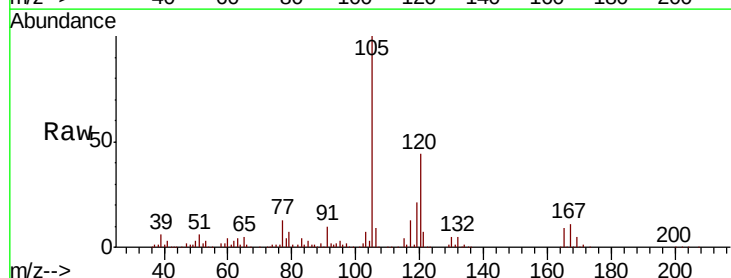
Acq: 17 Nov 2018 02:17

Tgt Ion:105 Resp: 277020

Ion Ratio Lower Upper

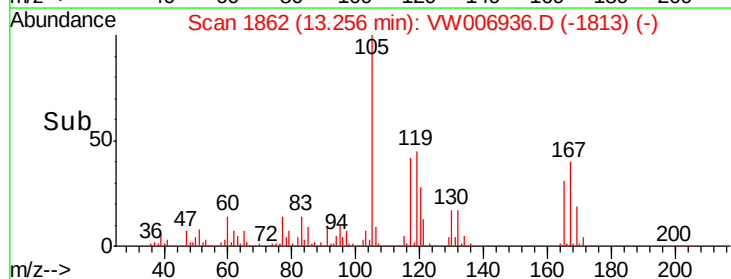
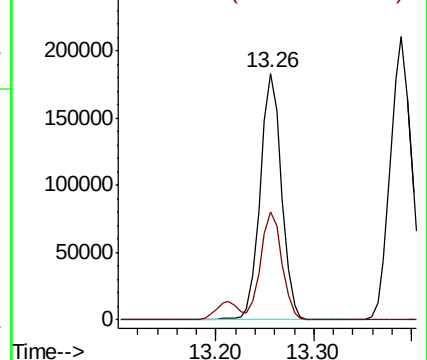
105 100

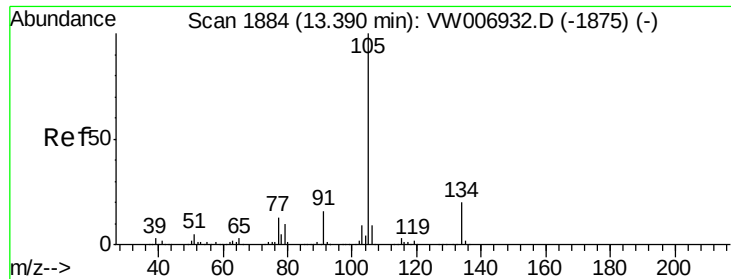
120 43.6 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.245 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

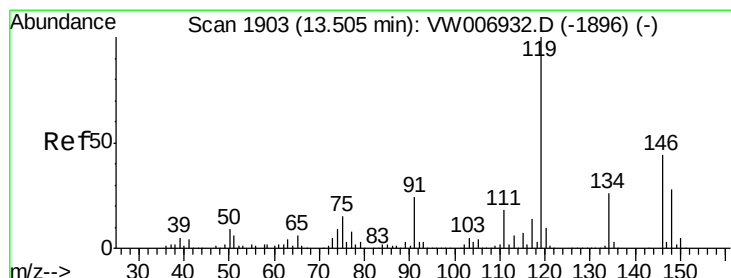
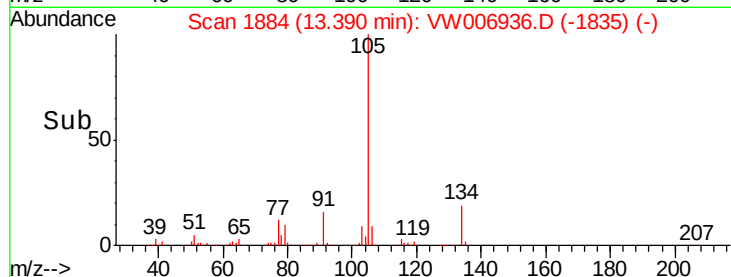
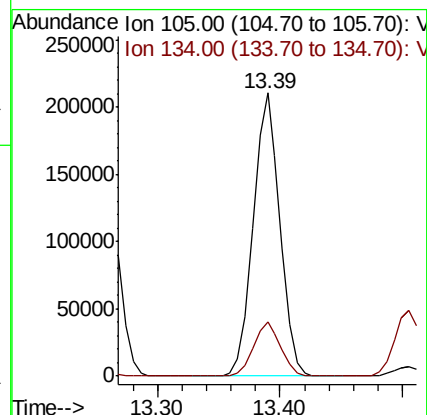
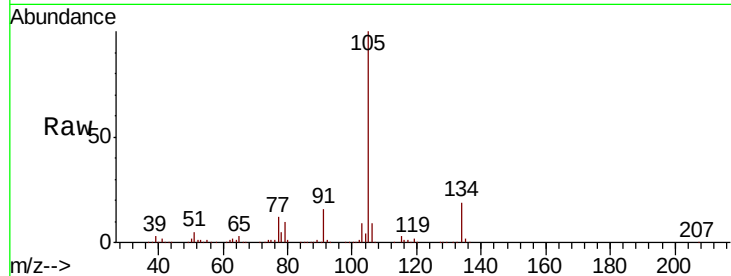
ICVW111718

Tgt Ion:105 Resp: 318336

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 46.767 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

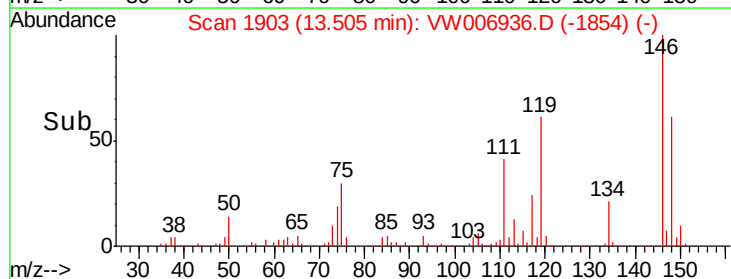
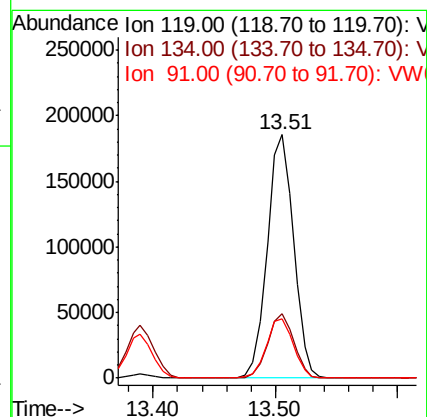
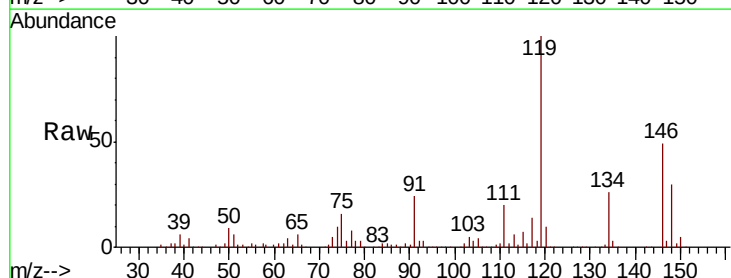
Tgt Ion:119 Resp: 278624

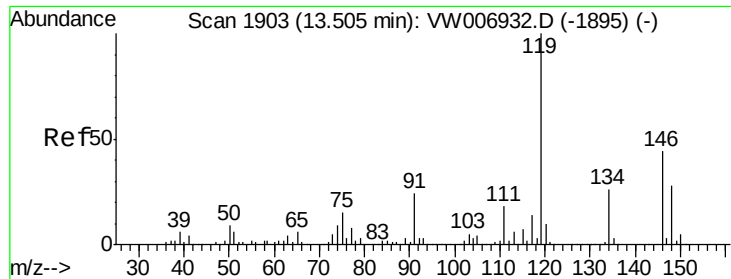
Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.045 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

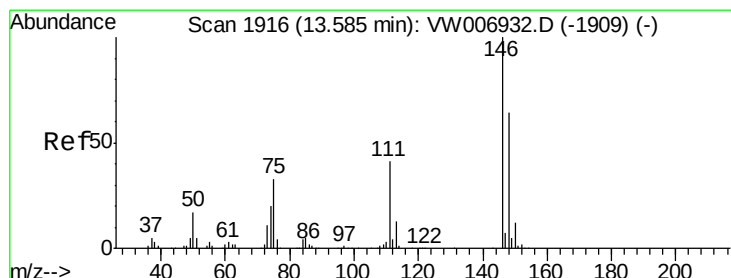
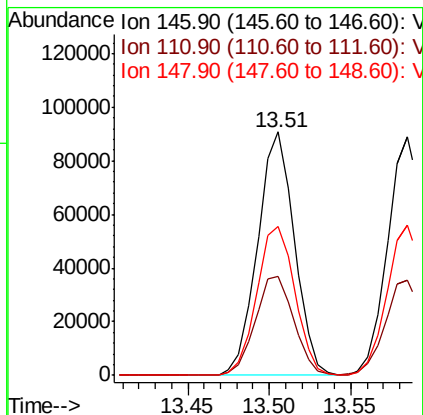
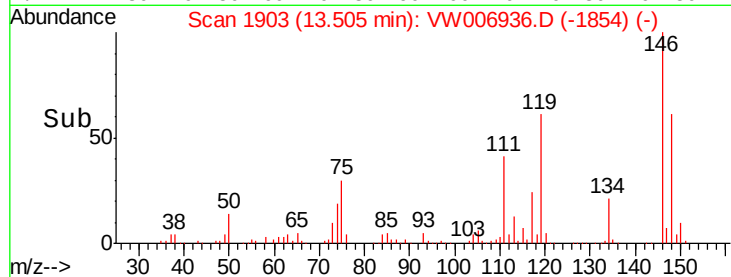
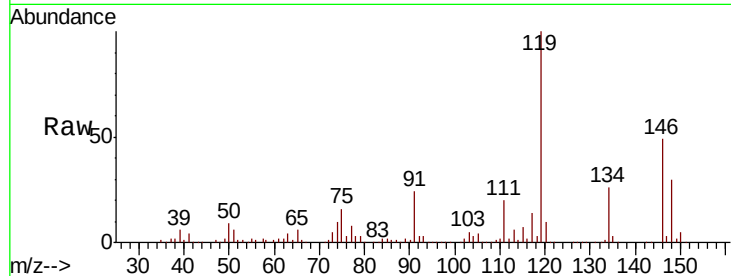
Tgt Ion:146 Resp: 141862

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.9

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.242 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

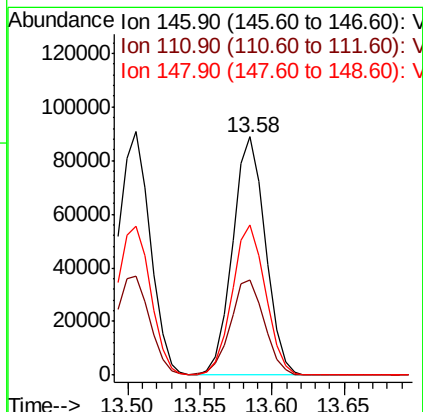
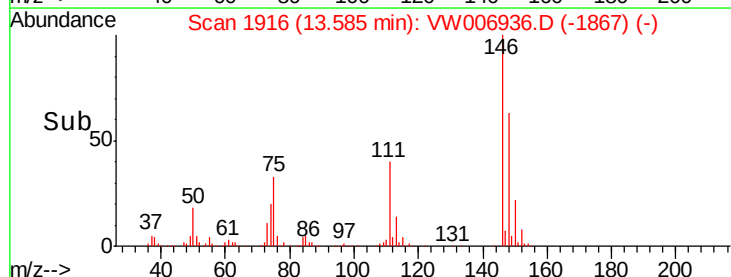
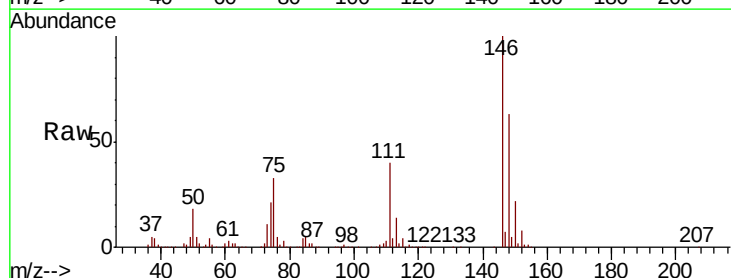
Tgt Ion:146 Resp: 141119

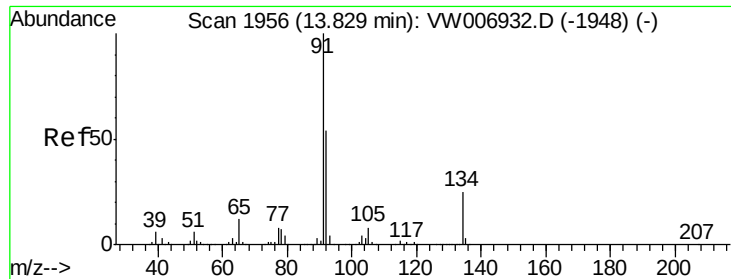
Ion Ratio Lower Upper

146 100

111 41.5 20.7 62.1

148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 47.007 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

ICVW111718

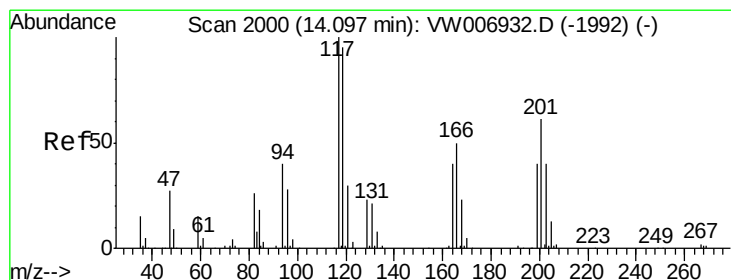
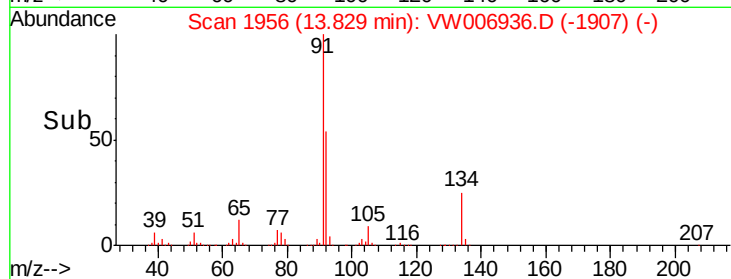
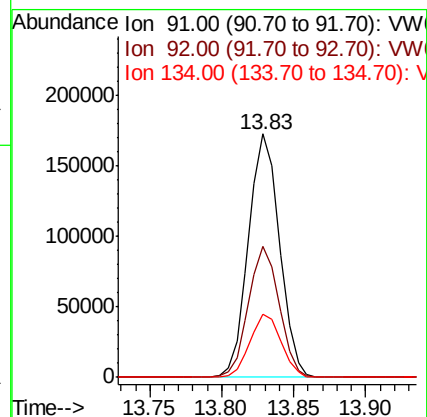
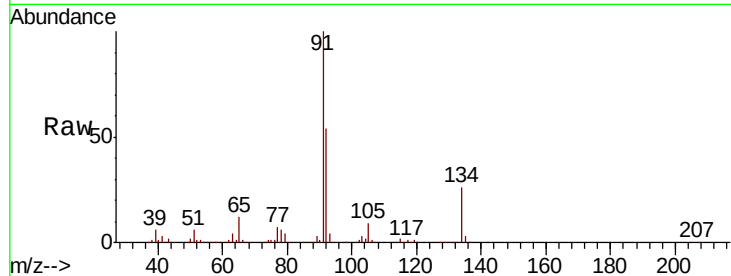
Tgt Ion: 91 Resp: 258143

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 25.8 12.9 38.6



#90

Hexachloroethane

Concen: 48.790 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006936.D

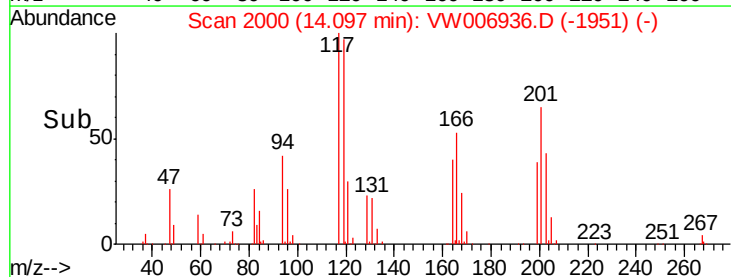
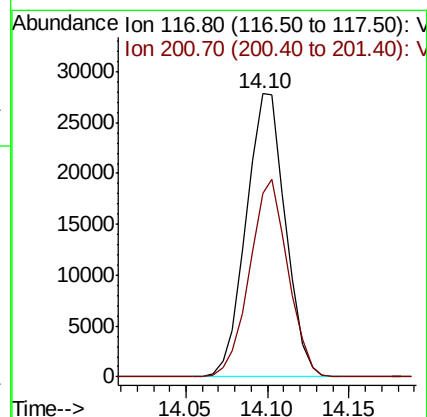
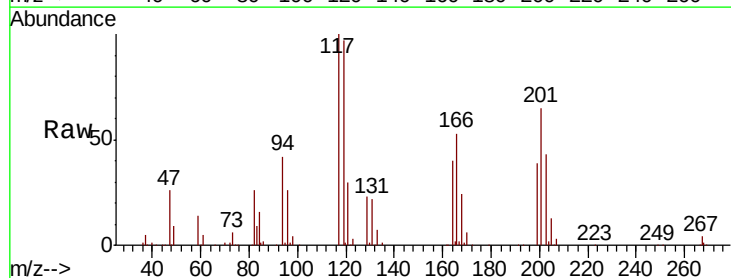
Acq: 17 Nov 2018 02:17

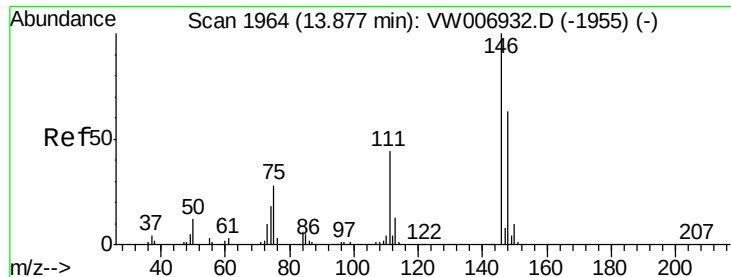
Tgt Ion: 117 Resp: 46758

Ion Ratio Lower Upper

117 100

201 67.8 33.8 101.4

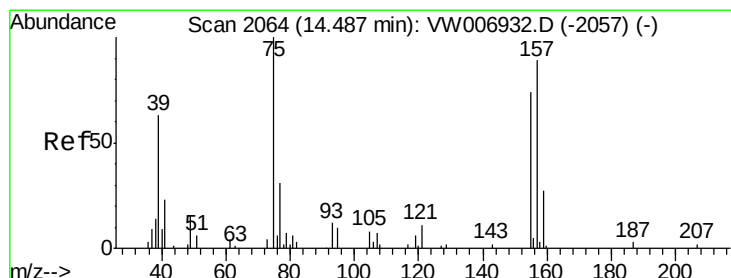
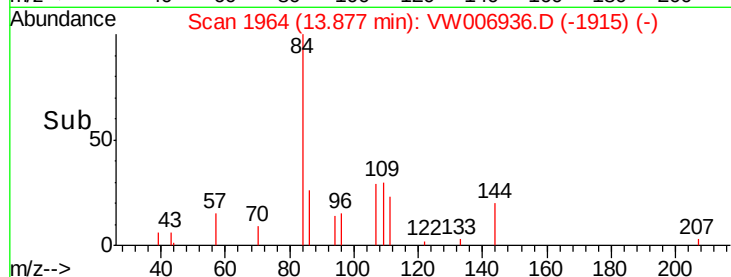
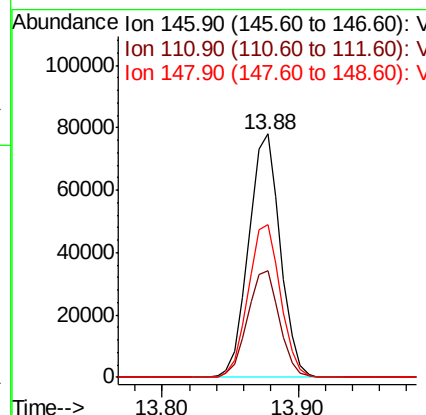
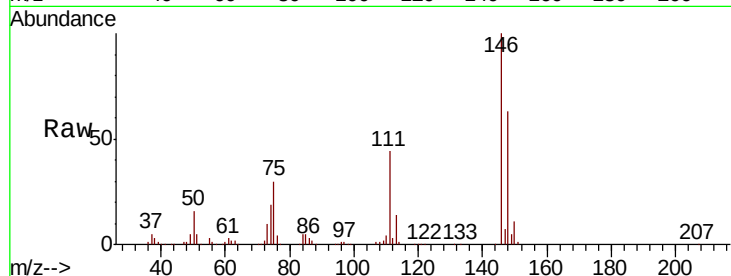




#91
 1,2-Dichlorobenzene
 Concen: 47.164 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

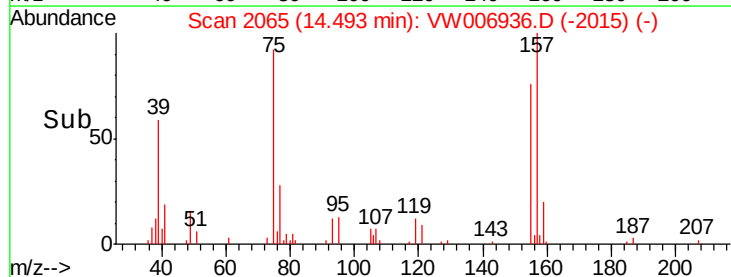
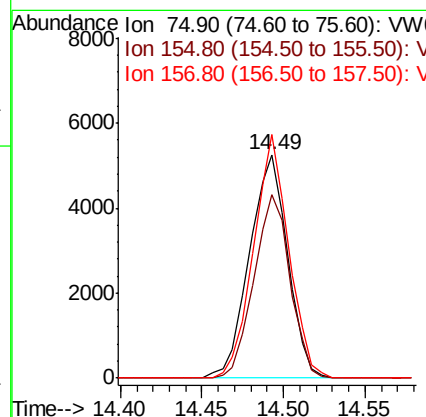
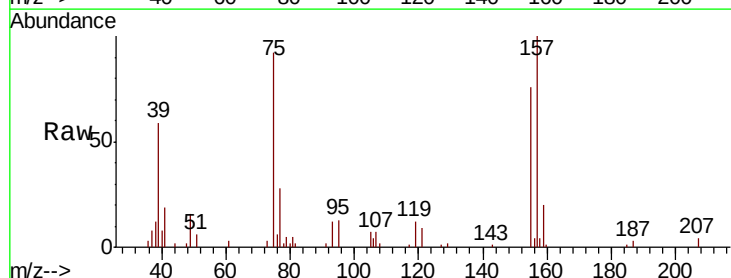
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

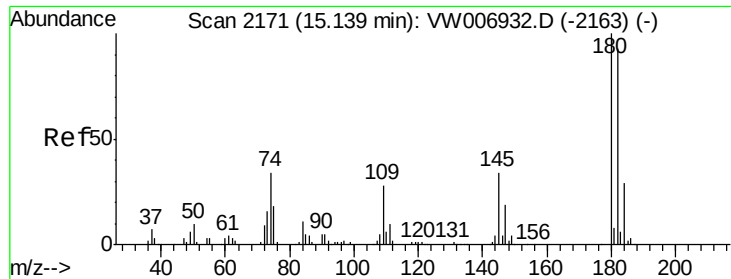
Tgt Ion:146 Resp: 127084
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.6 67.7
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.255 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion: 75 Resp: 8532
 Ion Ratio Lower Upper
 75 100
 155 77.8 38.6 115.7
 157 100.5 49.7 149.1

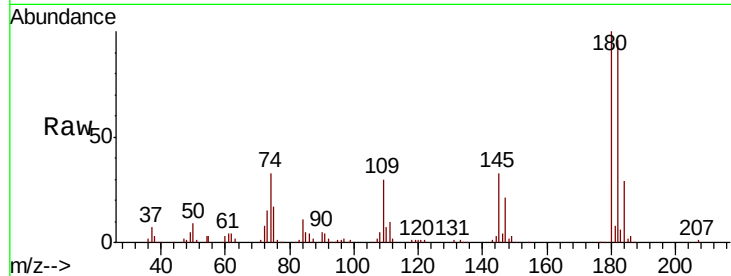




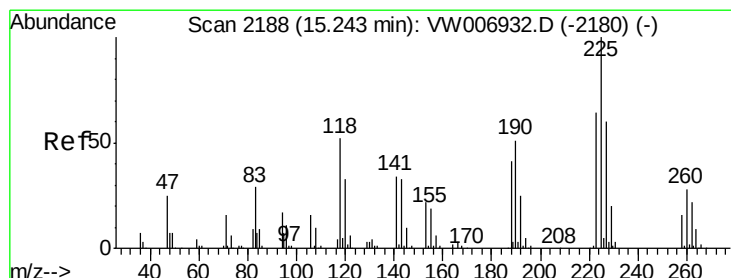
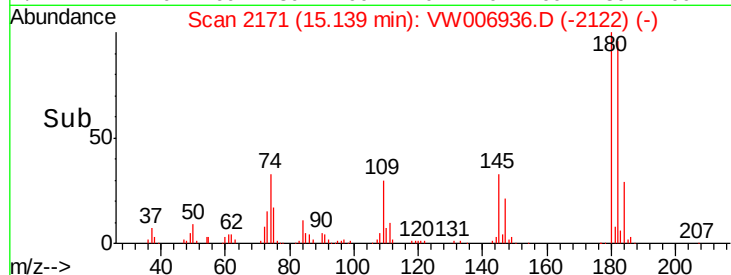
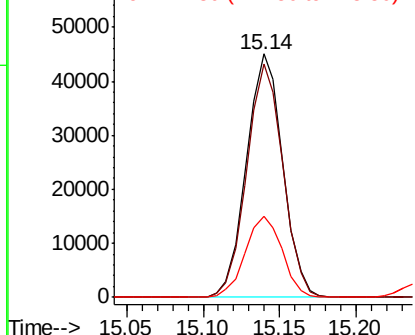
#93
 1,2,4-Trichlorobenzene
 Concen: 37.540 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111718

Tgt Ion:180 Resp: 74362
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 141.9
 145 33.9 16.8 50.4

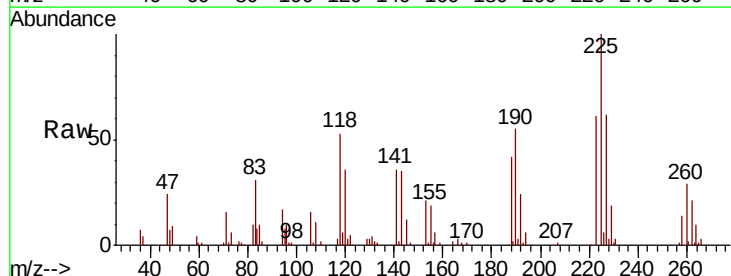


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

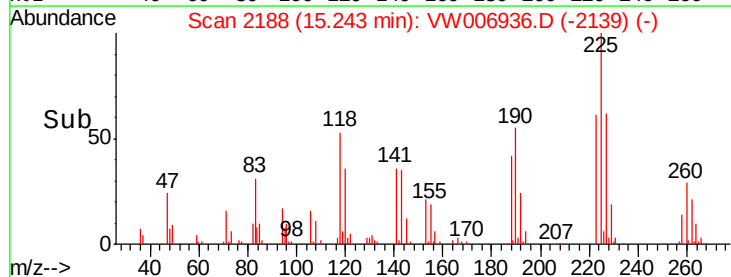
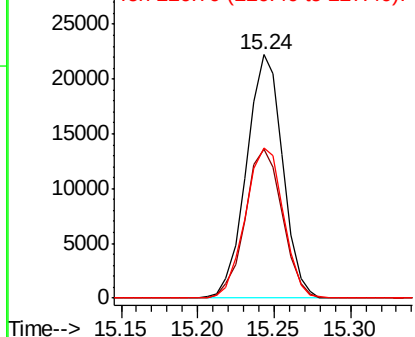


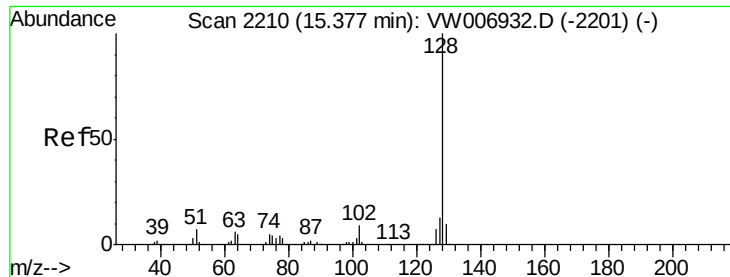
#94
 Hexachlorobutadiene
 Concen: 29.903 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006936.D
 Acq: 17 Nov 2018 02:17

Tgt Ion:225 Resp: 36557
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.3
 227 64.6 31.6 95.0



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

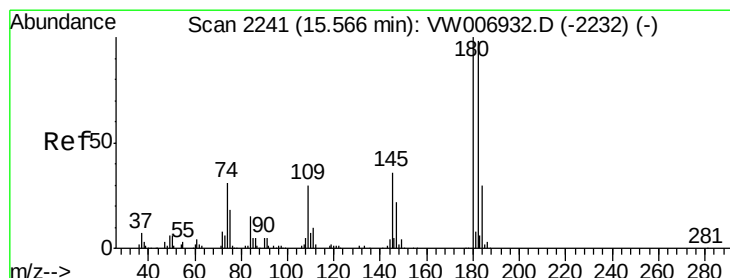
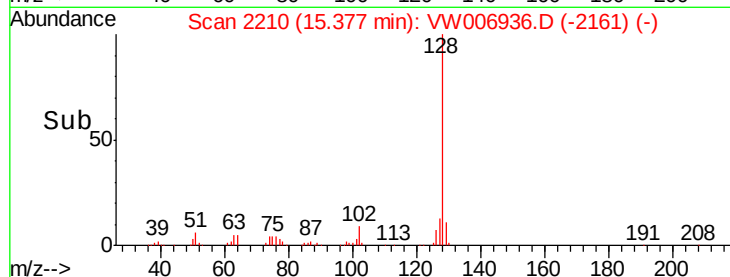
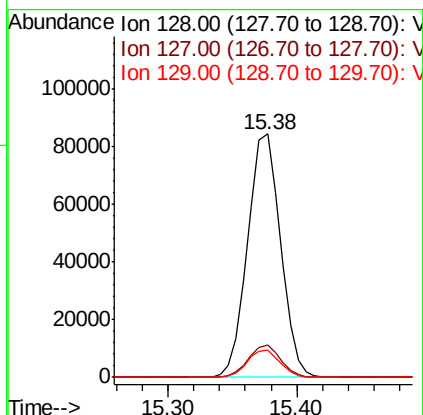
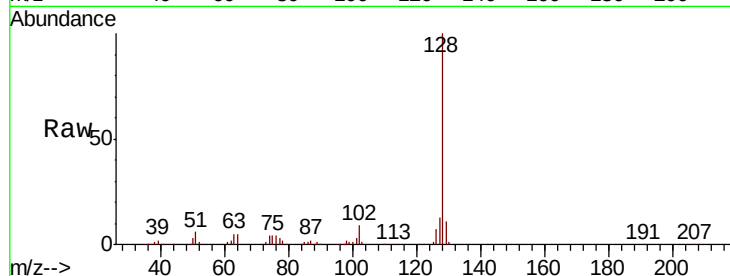




#95
Naphthalene
Concen: 48.362 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Instrument :
MSVOA_W
ClientSampled :
ICVW111718

Tgt Ion:128 Resp: 149314
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 37.566 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006936.D
Acq: 17 Nov 2018 02:17

Tgt Ion:180 Resp: 63896
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 36.7 17.6 52.9

