

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004334.D
 Acq On : 30 Jul 2018 02:00
 Operator : SY/AP
 Sample : VW0730SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:36:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	143383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	213238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	192939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107319	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	72544	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	67055	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.33	98	259009	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.62	95	94295	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	7637	16.552	ug/l	87
3) Chloromethane	2.21	50	17832	25.128	ug/l	95
4) Vinyl Chloride	2.36	62	28589	21.277	ug/l	98
5) Bromomethane	2.77	94	19488	22.340	ug/l	97
6) Chloroethane	2.92	64	17085	20.998	ug/l	91
7) Trichlorofluoromethane	3.25	101	16270	18.618	ug/l	100
8) Diethyl Ether	3.67	74	14114	21.265	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.05	101	22854	16.671	ug/l	93
10) Methyl Iodide	4.26	142	40783	19.956	ug/l	100
11) Tert butyl alcohol	5.17	59	9993	102.387	ug/l	97
12) 1,1-Dichloroethene	4.03	96	24383	18.049	ug/l	91
13) Acrolein	3.89	56	5997	68.962	ug/l	97
14) Allyl chloride	4.66	41	31666	14.763	ug/l #	88
15) Acrylonitrile	5.37	53	25440	81.490	ug/l	97
16) Acetone	4.12	43	22358	71.343	ug/l	97
17) Carbon Disulfide	4.37	76	70359	16.570	ug/l	98
18) Methyl Acetate	4.67	43	12564	16.213	ug/l #	89
19) Methyl tert-butyl Ether	5.43	73	48499	19.428	ug/l	95
20) Methylene Chloride	4.92	84	26282	17.985	ug/l #	82
21) trans-1,2-Dichloroethene	5.41	96	26520	18.039	ug/l	88
22) Diisopropyl ether	6.32	45	67705	15.594	ug/l #	93
23) Vinyl Acetate	6.25	43	188686	74.910	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	46402	16.989	ug/l	95
25) 2-Butanone	7.18	43	32095	79.899	ug/l #	89
26) 2,2-Dichloropropane	7.17	77	26245	16.179	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	29657	19.043	ug/l	92
28) Bromochloromethane	7.51	49	15827	16.151	ug/l #	69
29) Tetrahydrofuran	7.53	42	20650	76.356	ug/l #	83
30) Chloroform	7.68	83	52000	19.470	ug/l	94
31) Cyclohexane	7.95	56	36868	14.932	ug/l #	82
32) 1,1,1-Trichloroethane	7.87	97	42837	19.530	ug/l	98
36) 1,1-Dichloropropene	8.09	75	37852	17.744	ug/l	96
37) Ethyl Acetate	7.26	43	14618	16.722	ug/l #	97
38) Carbon Tetrachloride	8.07	117	41863	19.874	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42291	16.452	ug/l	97
40) Benzene	8.32	78	108265	18.041	ug/l	100
41) Methacrylonitrile	7.48	41	8629	16.521	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	34405	20.054	ug/l	98
43) Isopropyl Acetate	8.43	43	27349	17.359	ug/l #	91
44) Trichloroethene	9.09	130	32538	20.083	ug/l	87
45) 1,2-Dichloropropane	9.37	63	25377	17.041	ug/l	99
46) Dibromomethane	9.46	93	14835	19.509	ug/l	91
47) Bromodichloromethane	9.65	83	37167	19.271	ug/l	99
48) Methyl methacrylate	9.44	41	15051	18.758	ug/l	96
49) 1,4-Dioxane	9.45	88	5206	451.622	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	71308	82.469	ug/l	95
52) Toluene	10.39	92	73920	19.619	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	36084	18.680	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	40419	17.948	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	21488	19.833	ug/l	92
56) Ethyl methacrylate	10.65	69	25742	19.634	ug/l	91
57) 1,3-Dichloropropane	10.94	76	35587	19.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	54451	93.494	ug/l	91
59) 2-Hexanone	10.98	43	46825	78.869	ug/l	95
60) Dibromochloromethane	11.13	129	27116	20.917	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19703	19.071	ug/l	98
64) Tetrachloroethene	10.87	164	33463	23.673	ug/l	99
65) Chlorobenzene	11.66	112	78592	19.395	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	29693	20.776	ug/l	98
67) Ethyl Benzene	11.74	91	132826	18.805	ug/l	98
68) m/p-Xylenes	11.84	106	103489	38.075	ug/l	99
69) o-Xylene	12.17	106	50004	19.911	ug/l	96
70) Styrene	12.18	104	84224	19.851	ug/l	99
71) Bromoform	12.35	173	17037	21.271	ug/l #	98
73) Isopropylbenzene	12.47	105	135457	18.203	ug/l	97
74) N-amyl acetate	12.28	43	24699	15.230	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	23231	17.821	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	30307	30.943	ug/l #	100
77) Bromobenzene	12.75	156	36948	20.549	ug/l	88
78) n-propylbenzene	12.81	91	160808	17.739	ug/l	95
79) 2-Chlorotoluene	12.90	91	97310	18.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	124485	19.419	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	6385	15.169	ug/l	95
82) 4-Chlorotoluene	12.99	91	100333	18.287	ug/l	98
83) tert-Butylbenzene	13.21	119	103196	19.323	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	128111	19.595	ug/l	97
85) sec-Butylbenzene	13.39	105	144044	18.465	ug/l	96
86) p-Isopropyltoluene	13.51	119	130340	18.603	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	71598	19.894	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	70958	19.762	ug/l	99
89) n-Butylbenzene	13.83	91	111327	17.016	ug/l	97
90) Hexachloroethane	14.10	117	23137	18.515	ug/l	91
91) 1,2-Dichlorobenzene	13.88	146	64960	20.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4603	20.229	ug/l	96

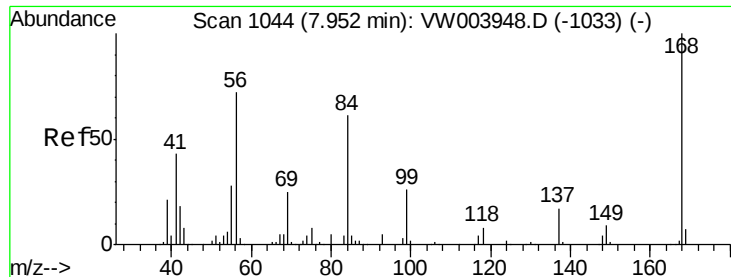
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	46360	20.496	ug/l	98
94) Hexachlorobutadiene	15.24	225	27044	19.570	ug/l	97
95) Naphthalene	15.38	128	82230	21.131	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	43266	21.860	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

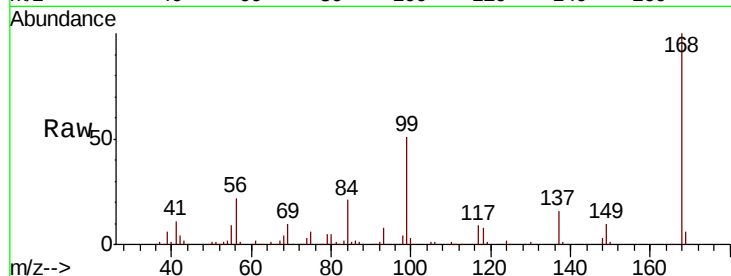
ClientSampled :

Tot Ion:168 Resp: 143383

Ion Ratio Lower Upper

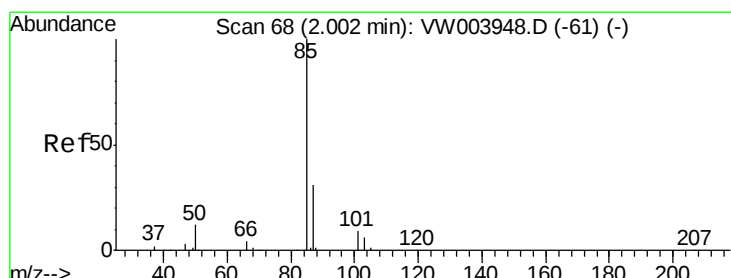
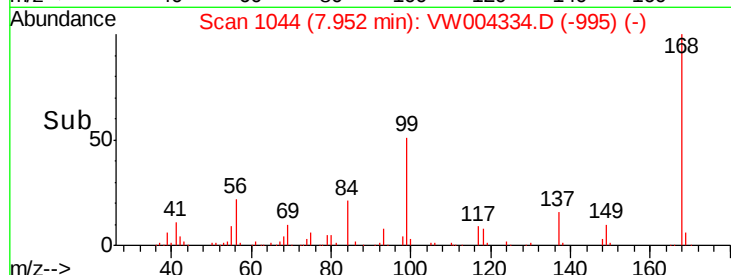
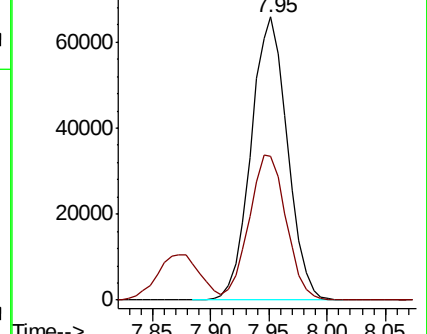
168 100

99 50.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 16.552 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004334.D

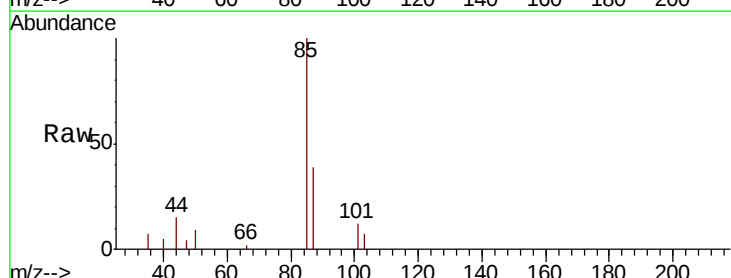
Acq: 30 Jul 2018 02:00

Tgt Ion: 85 Resp: 7637

Ion Ratio Lower Upper

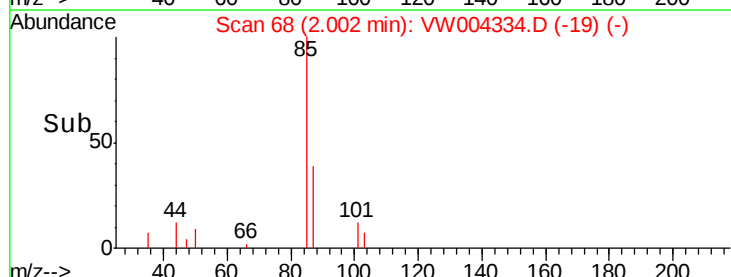
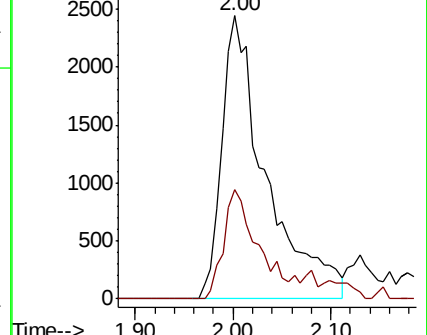
85 100

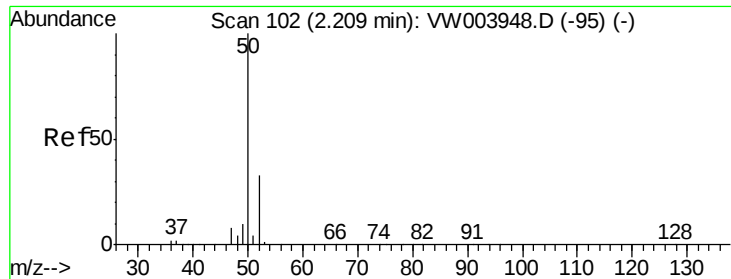
87 38.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 25.128 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

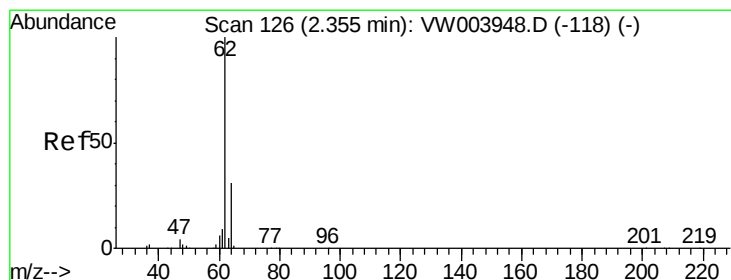
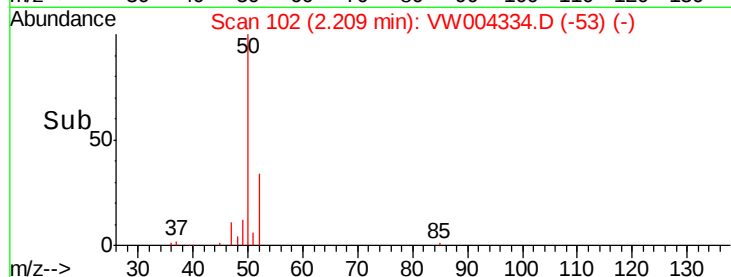
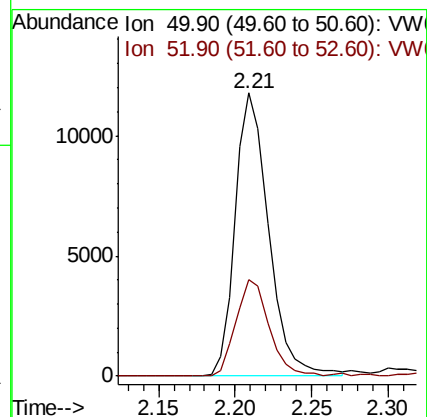
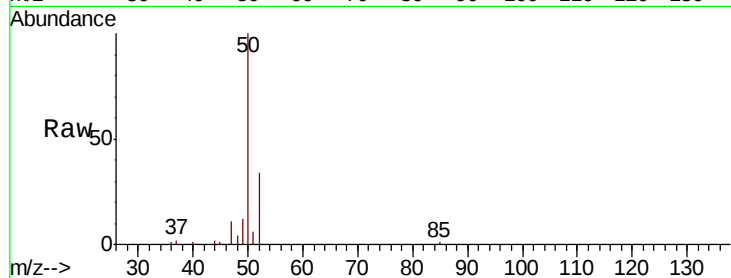
ClientSampled :

Tot Ion: 50 Resp: 17832

Ion Ratio Lower Upper

50 100

52 33.9 24.8 37.2



#4

Vinyl Chloride

Concen: 21.277 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004334.D

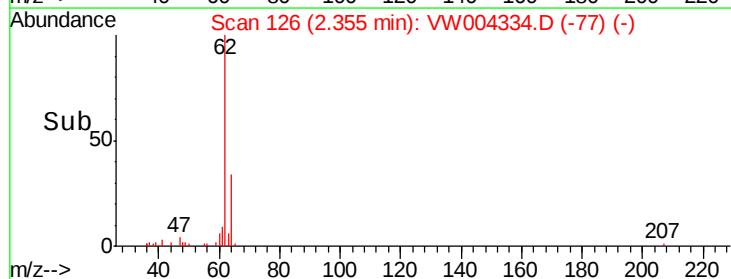
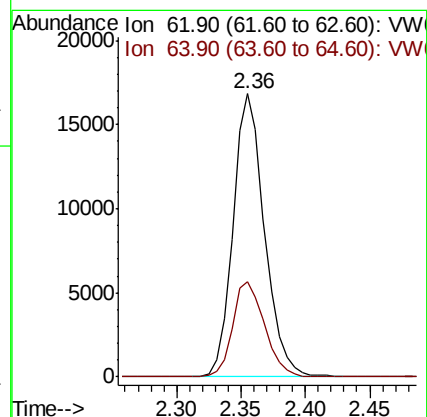
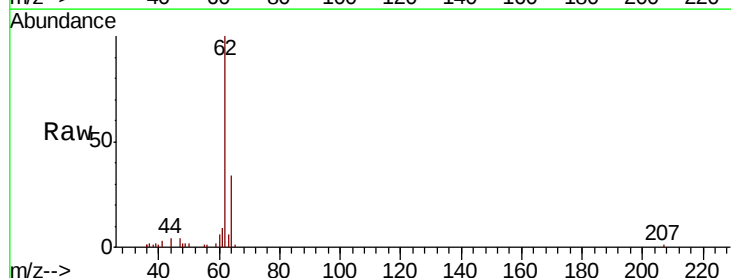
Acq: 30 Jul 2018 02:00

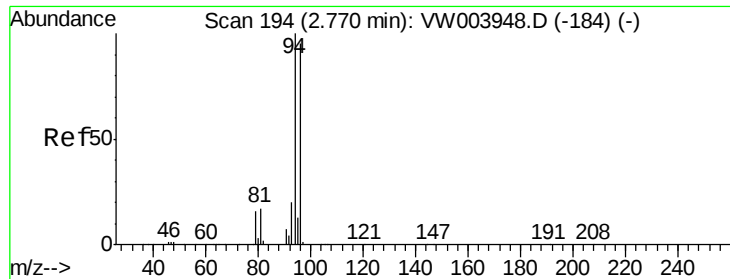
Tgt Ion: 62 Resp: 28589

Ion Ratio Lower Upper

62 100

64 33.6 25.9 38.9





#5

Bromomethane

Concen: 22.340 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

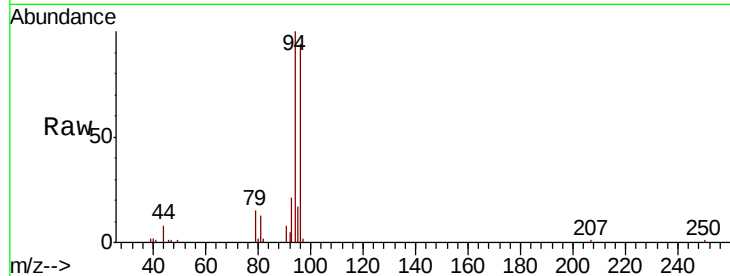
ClientSampleId :

Tot Ion: 94 Resp: 19488

Ion Ratio Lower Upper

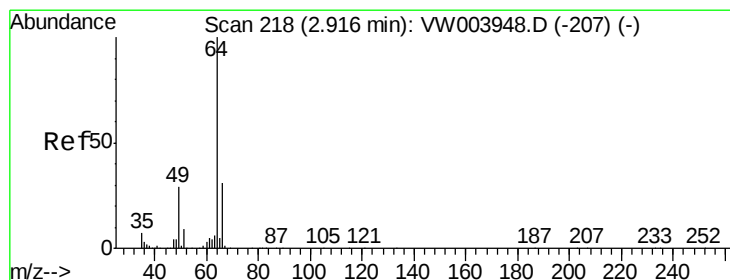
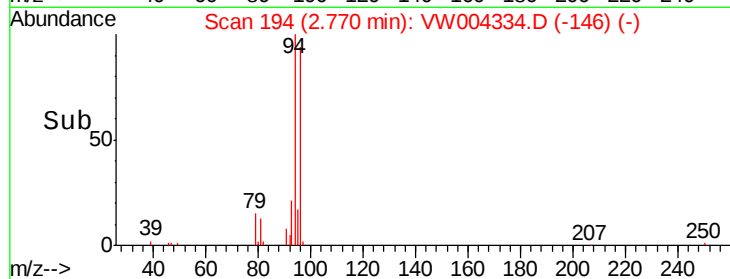
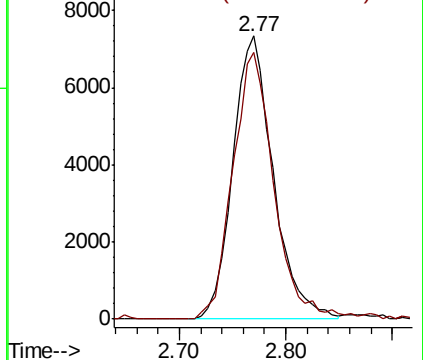
94 100

96 94.2 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.998 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004334.D

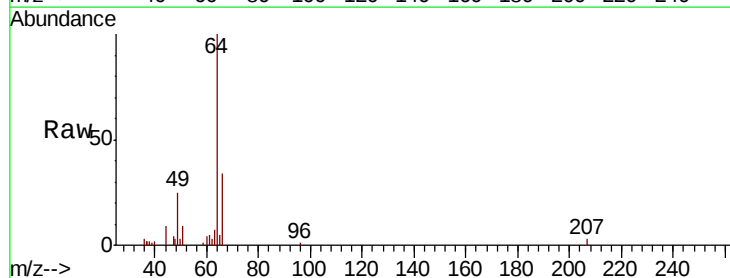
Acq: 30 Jul 2018 02:00

Tgt Ion: 64 Resp: 17085

Ion Ratio Lower Upper

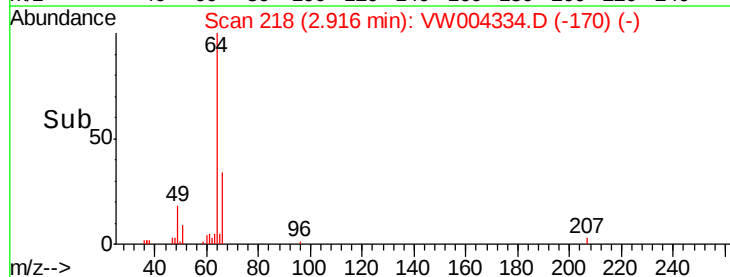
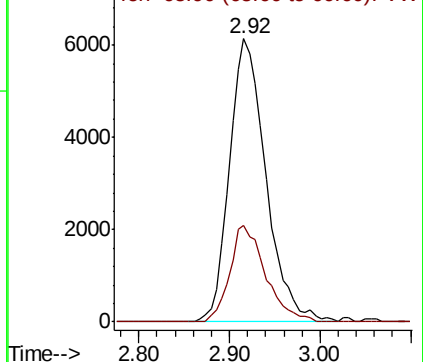
64 100

66 34.2 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



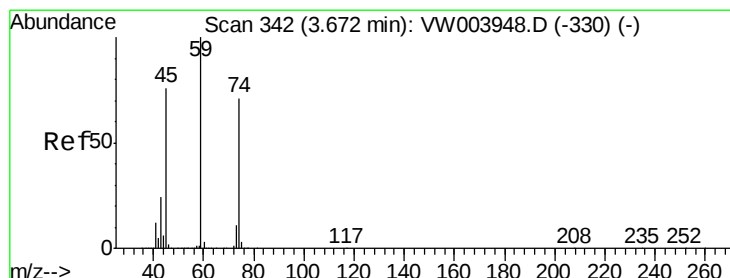
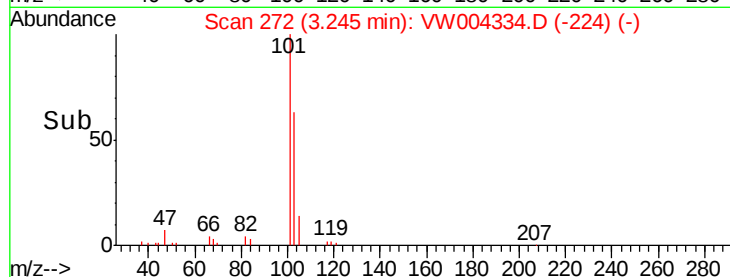
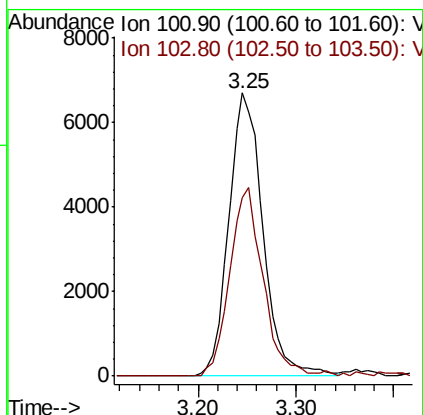
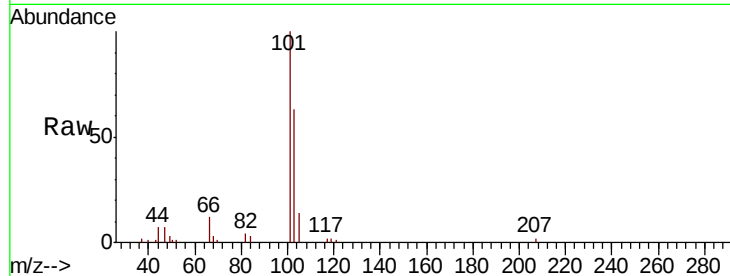


#7

Trichlorofluoromethane
 Concen: 18.618 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :

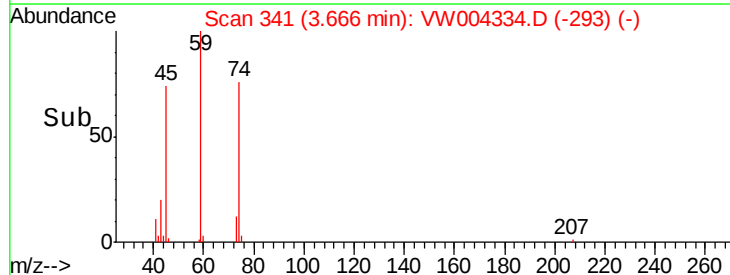
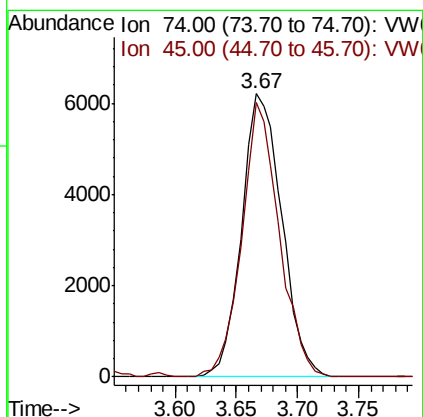
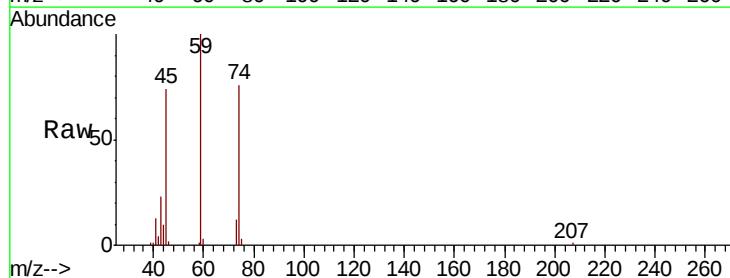
Tot Ion:101 Resp: 16270
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.8 76.2

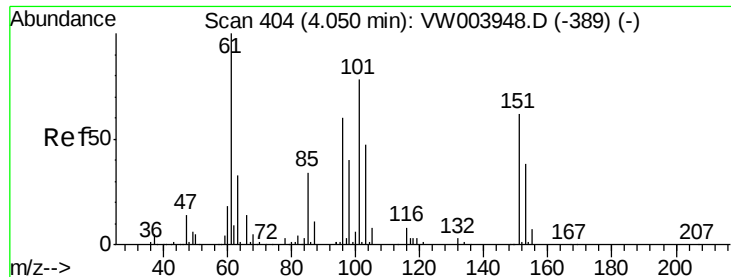


#8

Diethyl Ether
 Concen: 21.265 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion: 74 Resp: 14114
 Ion Ratio Lower Upper
 74 100
 45 90.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.671 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

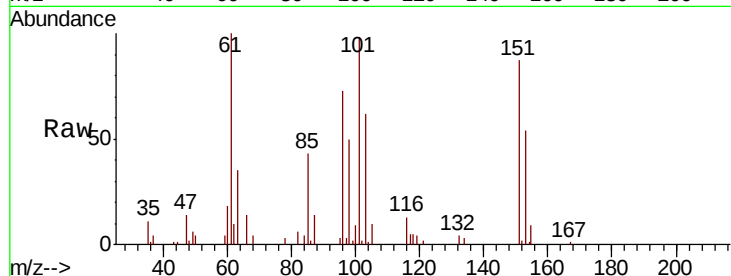
Tot Ion:101 Resp: 22854

Ion Ratio Lower Upper

101 100

85 43.5 35.5 53.3

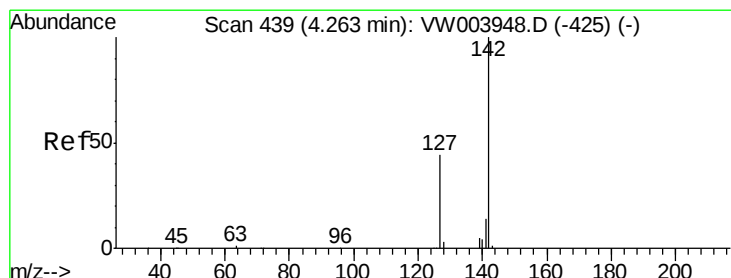
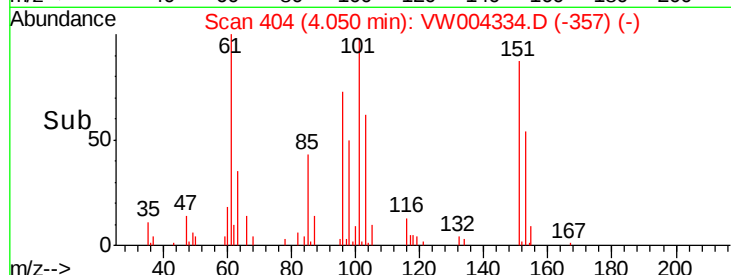
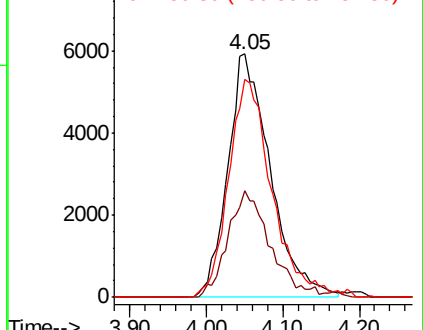
151 90.3 64.6 97.0



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: 19.956 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

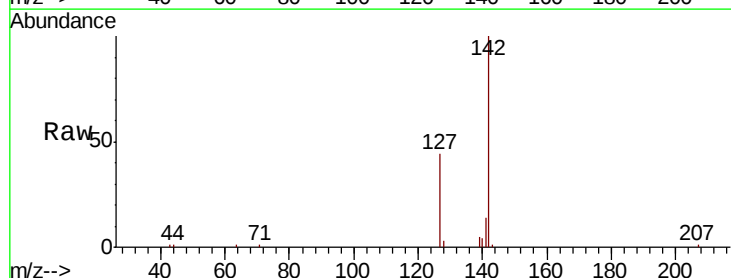
Tgt Ion:142 Resp: 40783

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

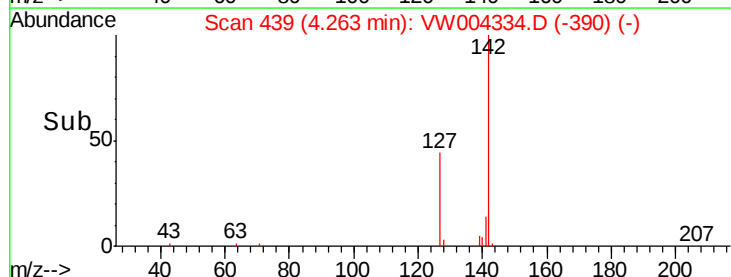
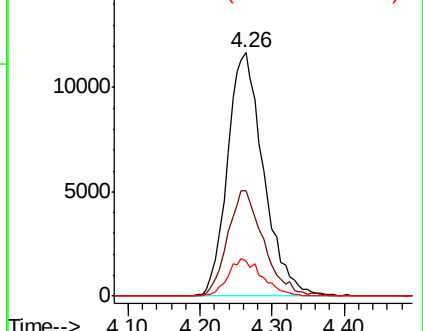
141 14.5 11.5 17.3

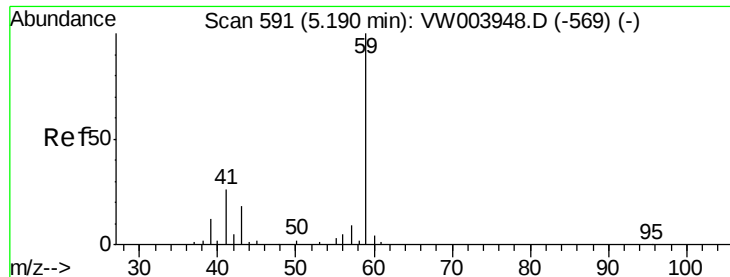


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

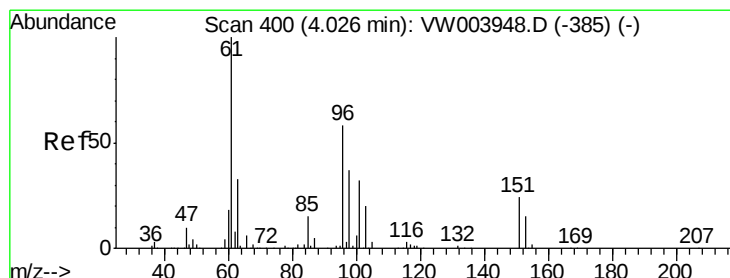
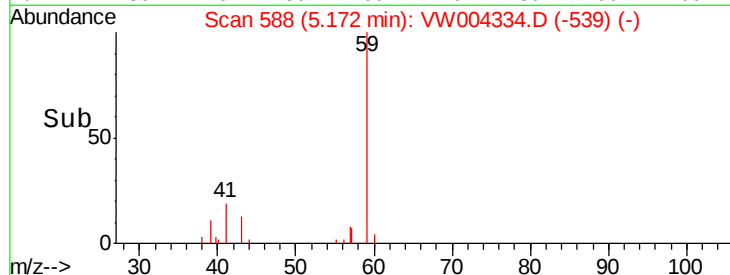
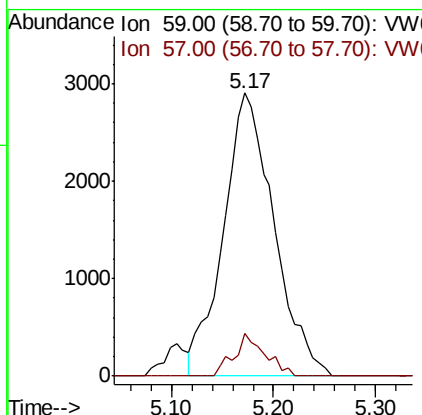
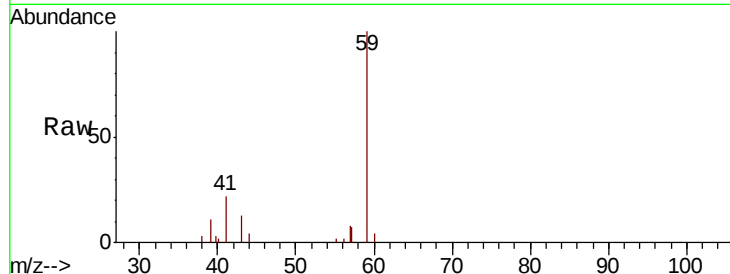




#11
Tert butyl alcohol
Concen: 102.387 ug/l
RT: 5.17 min Scan# 588
Delta R.T. 0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

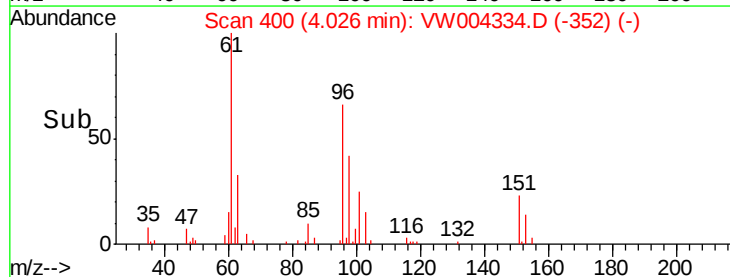
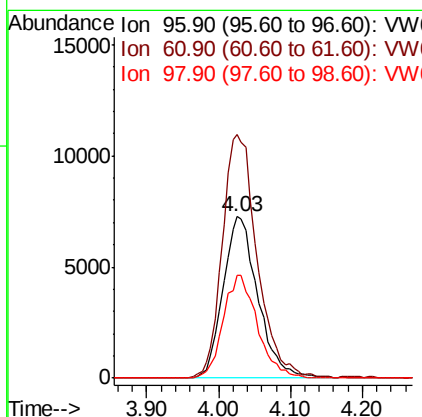
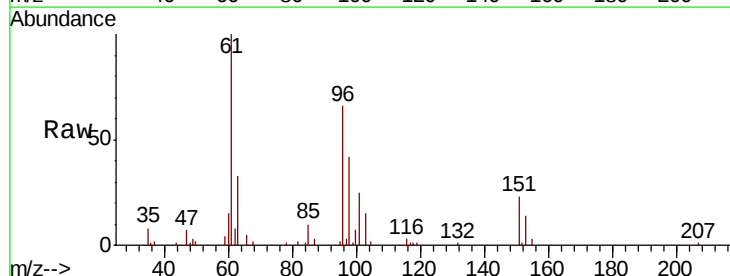
Instrument :
MSVOA_W
ClientSampleId :

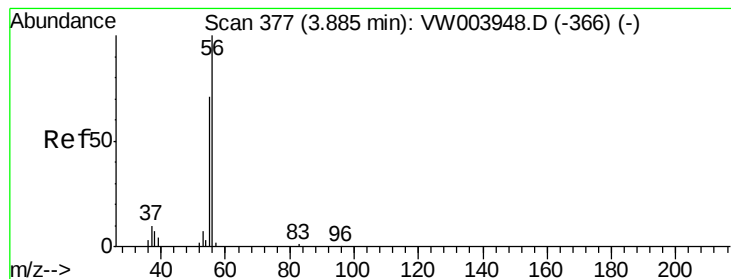
Tot Ion: 59 Resp: 9993
Ion Ratio Lower Upper
59 100
57 9.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.049 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 96 Resp: 24383
Ion Ratio Lower Upper
96 100
61 150.9 133.4 200.0
98 63.6 51.9 77.9





#13

Acrolein

Concen: 68.962 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

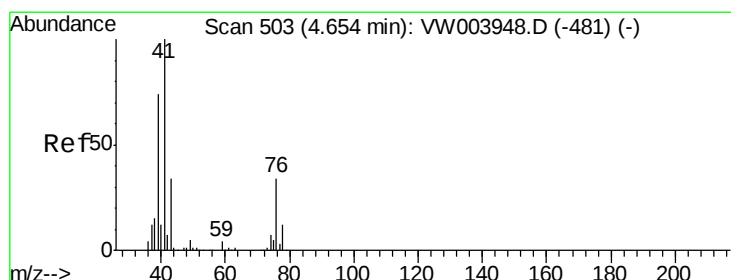
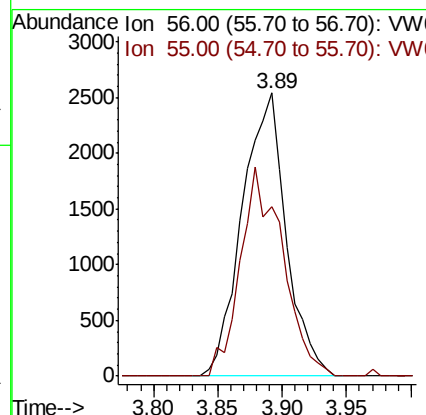
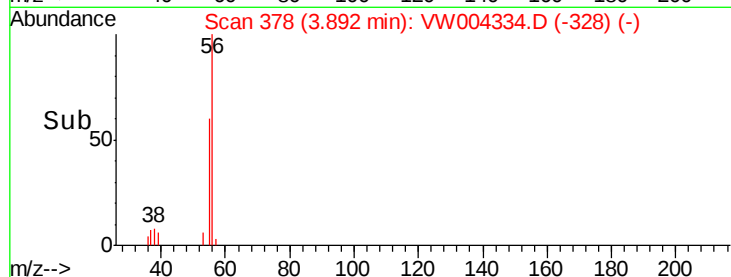
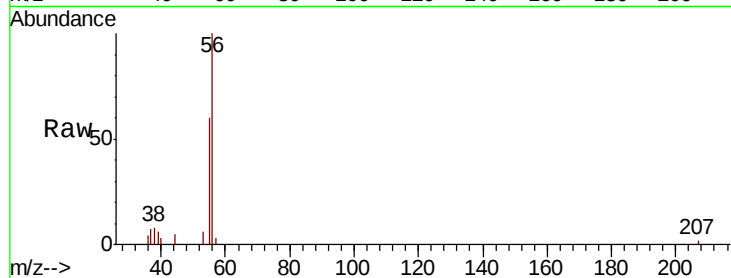
ClientSampleId :

Tot Ion: 56 Resp: 5997

Ion Ratio Lower Upper

56 100

55 71.3 59.4 89.2



#14

Allyl chloride

Concen: 14.763 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

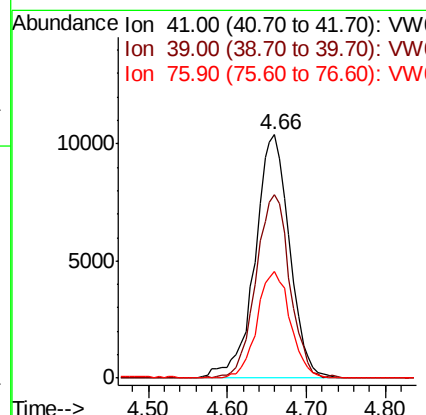
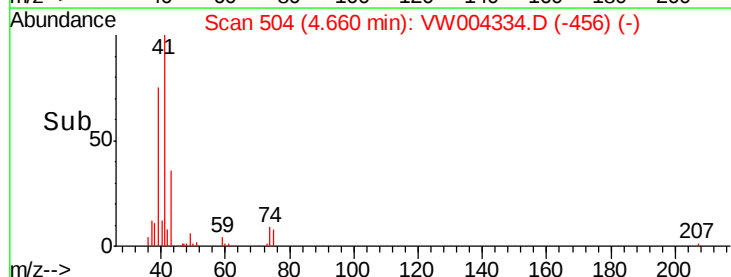
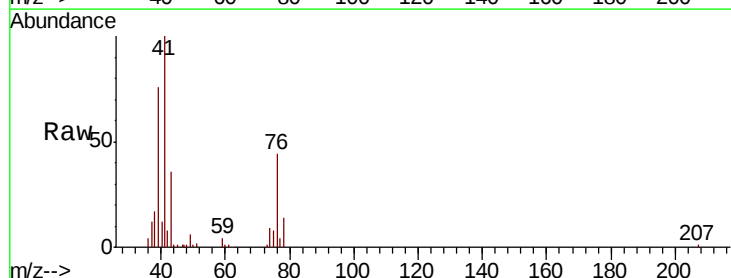
Tgt Ion: 41 Resp: 31666

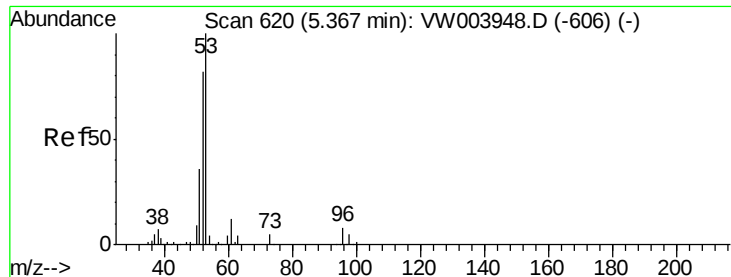
Ion Ratio Lower Upper

41 100

39 73.6 52.3 78.5

76 42.1 27.3 40.9#





#15

Acrylonitrile

Concen: 81.490 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

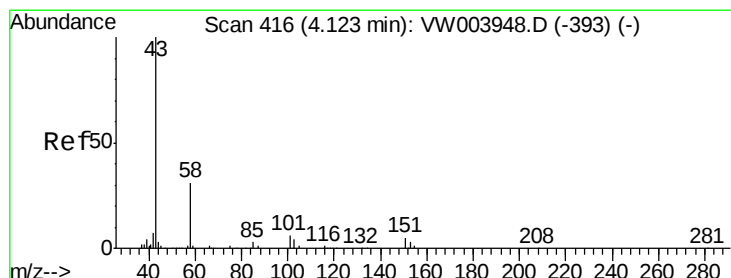
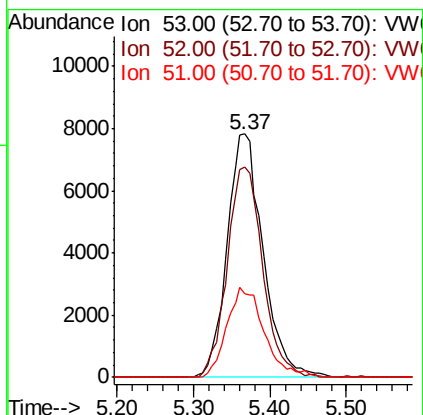
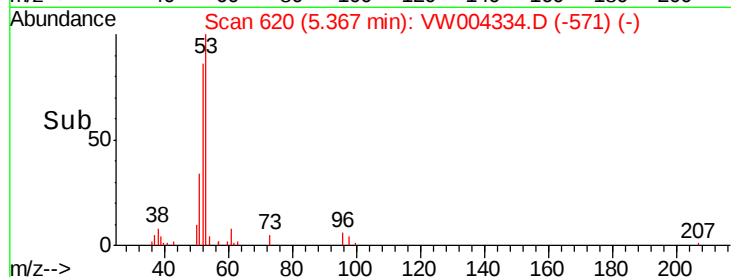
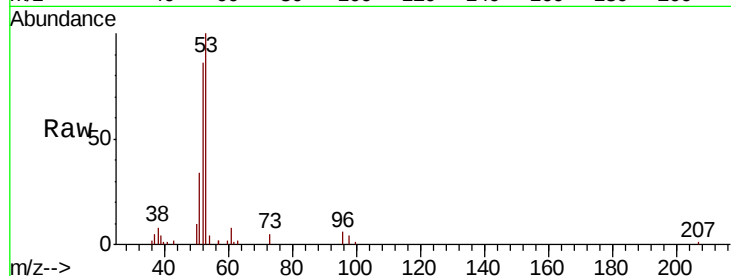
Tot Ion: 53 Resp: 25440

Ion Ratio Lower Upper

53 100

52 85.3 65.7 98.5

51 38.5 29.2 43.8



#16

Acetone

Concen: 71.343 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004334.D

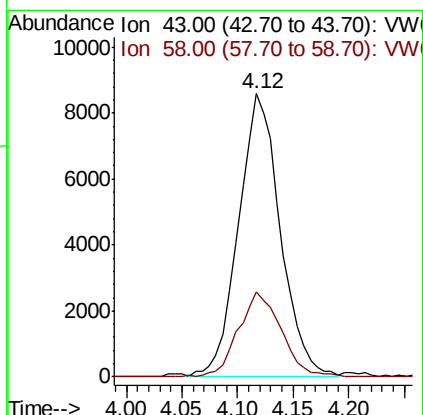
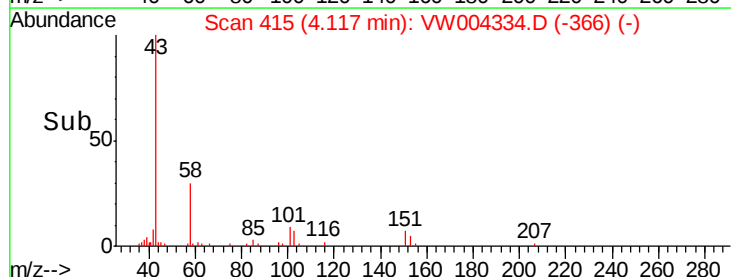
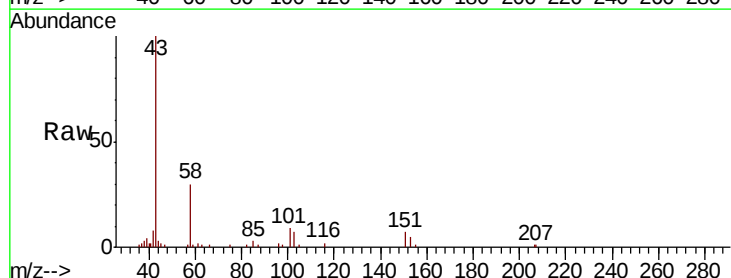
Acq: 30 Jul 2018 02:00

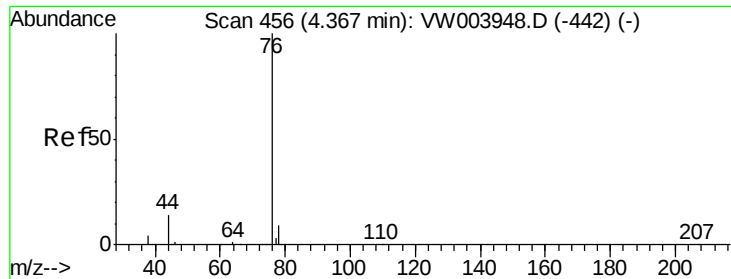
Tgt Ion: 43 Resp: 22358

Ion Ratio Lower Upper

43 100

58 29.3 24.8 37.2





#17

Carbon Disulfide

Concen: 16.570 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

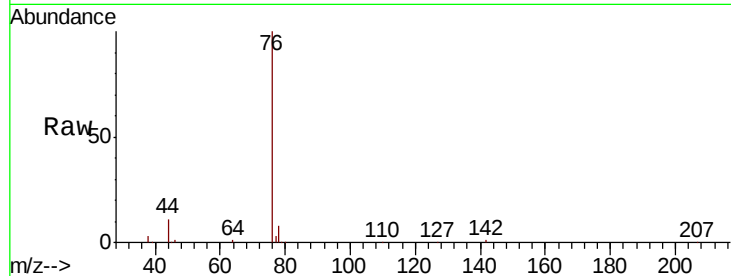
ClientSampled :

Tot Ion: 76 Resp: 70359

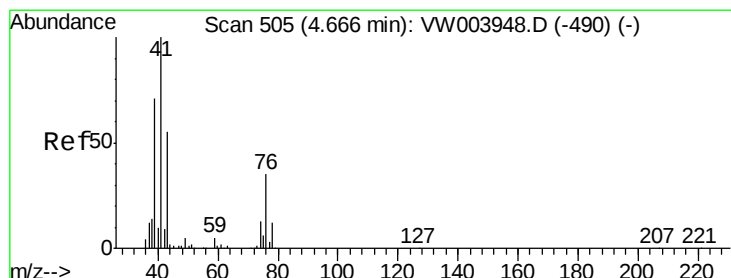
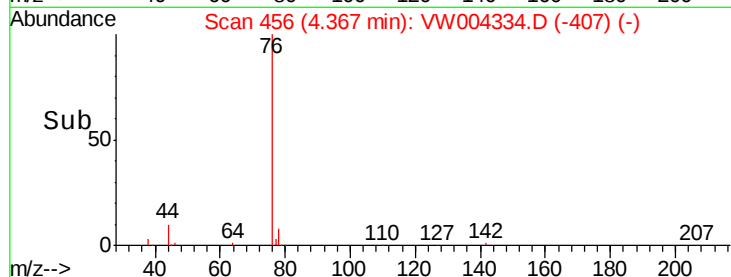
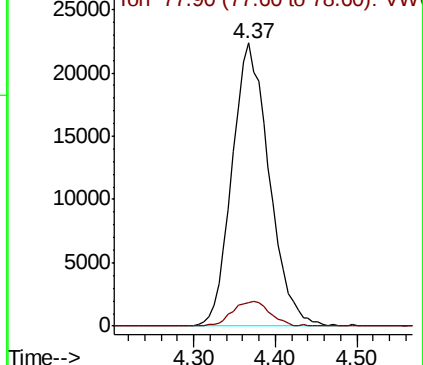
Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.213 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW004334.D

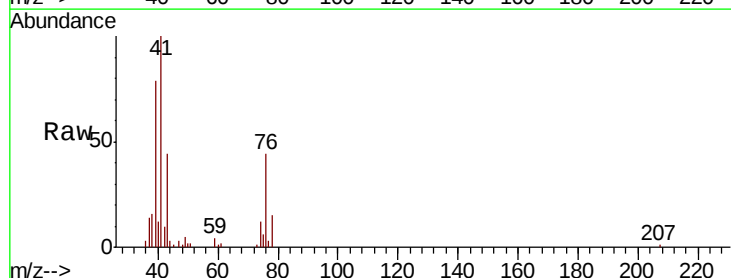
Acq: 30 Jul 2018 02:00

Tgt Ion: 43 Resp: 12564

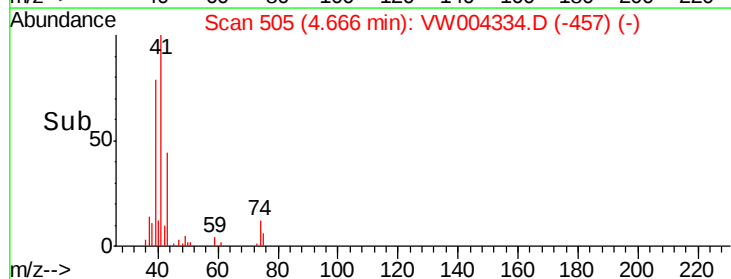
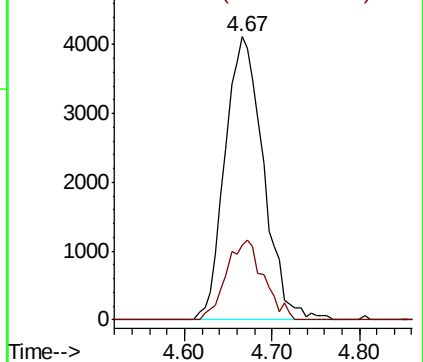
Ion Ratio Lower Upper

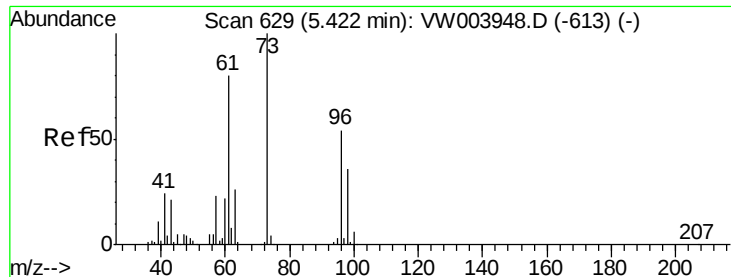
43 100

74 27.5 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

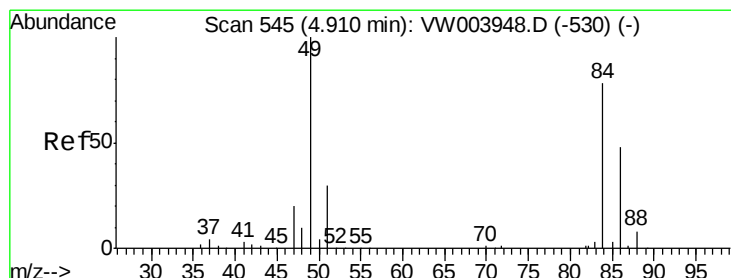
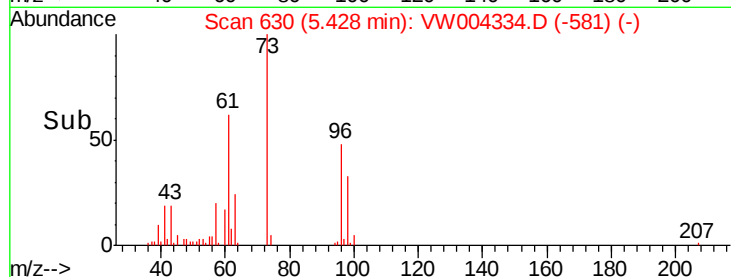
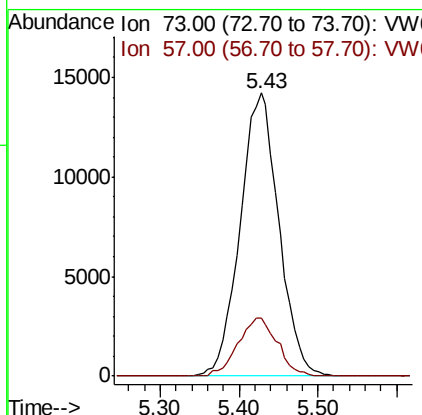
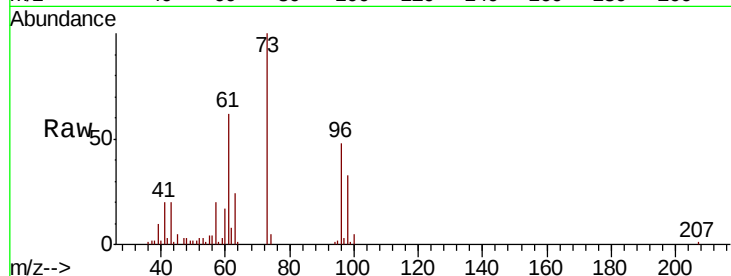




#19
Methvl tert-butvl Ether
Concen: 19.428 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

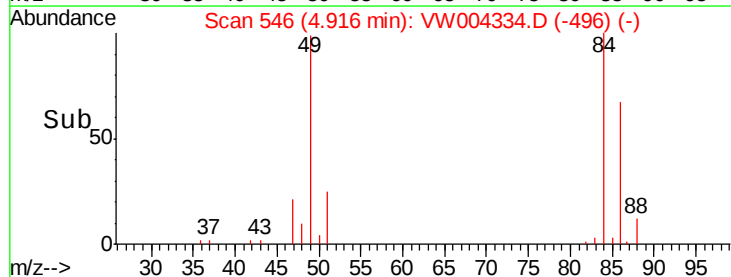
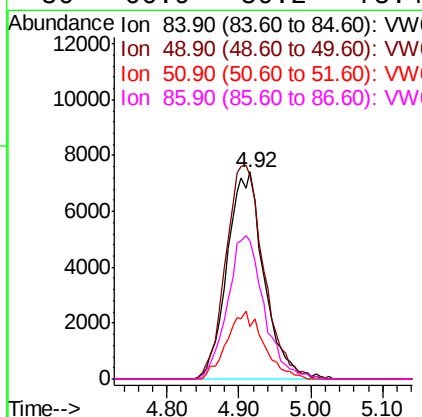
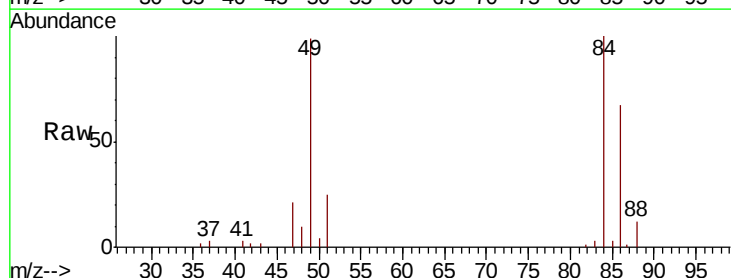
Instrument :
MSVOA_W
ClientSampleId :

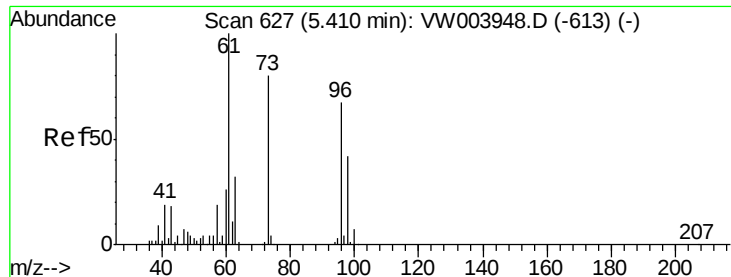
Tot Ion: 73 Resp: 48499
Ion Ratio Lower Upper
73 100
57 20.5 18.4 27.6



#20
Methylene Chloride
Concen: 17.985 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 84 Resp: 26282
Ion Ratio Lower Upper
84 100
49 98.5 100.5 150.7#
51 25.4 30.9 46.3#
86 66.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 18.039 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

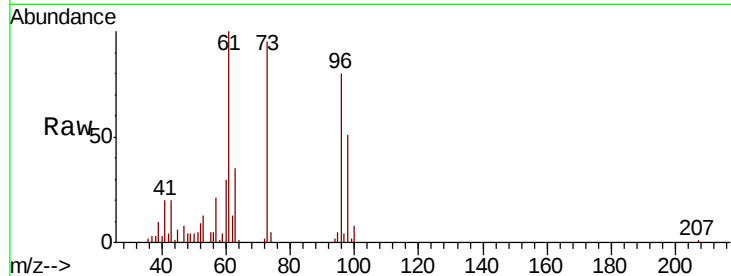
Tot Ion: 96 Resp: 26520

Ion Ratio Lower Upper

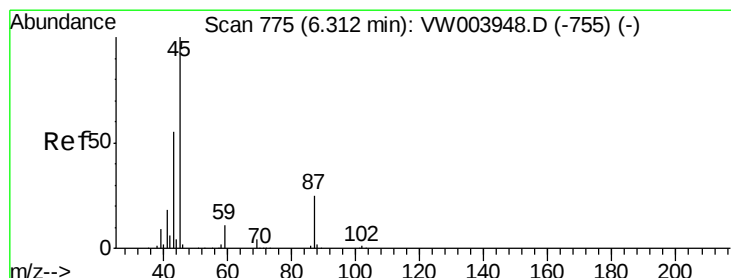
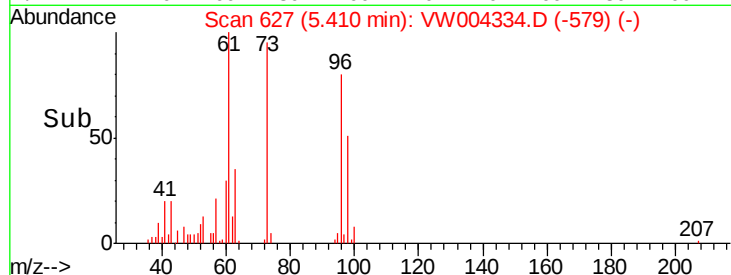
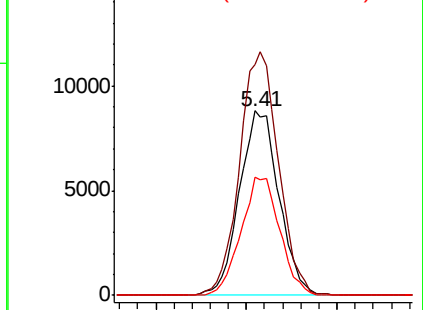
96 100

61 125.5 116.2 174.2

98 64.2 52.9 79.3



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



#22

Diisopropyl ether

Concen: 15.594 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion: 45 Resp: 67705

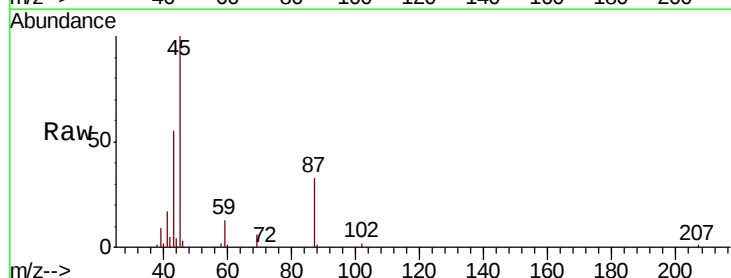
Ion Ratio Lower Upper

45 100

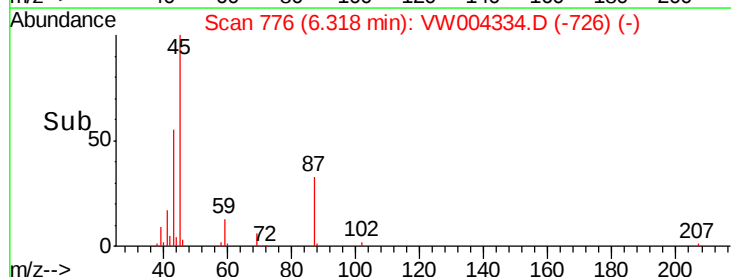
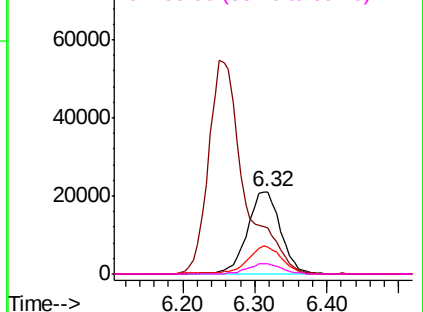
43 55.2 42.3 63.5

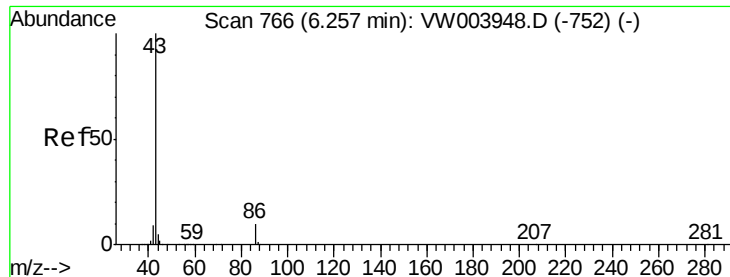
87 32.6 19.9 29.9#

59 12.6 8.7 13.1



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: 74.910 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

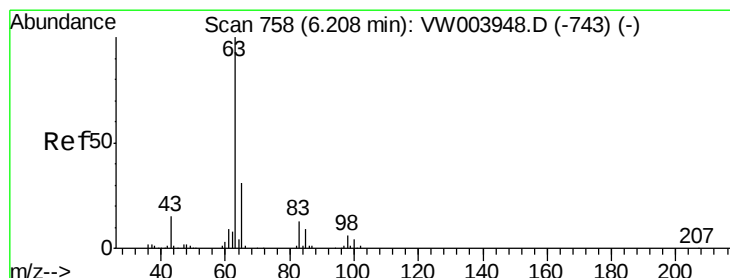
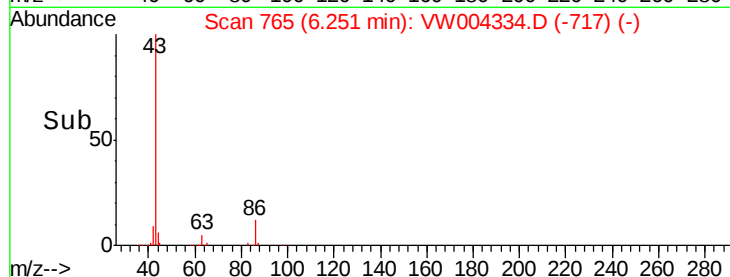
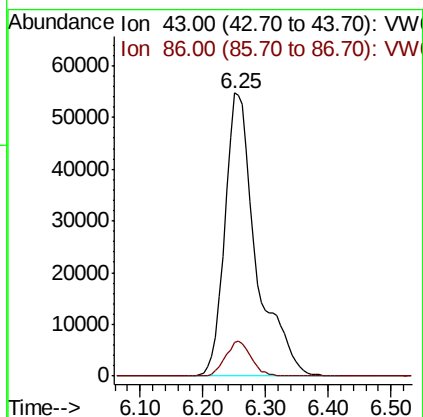
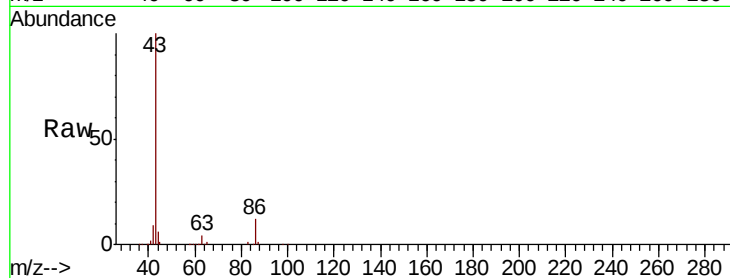
ClientSampleId :

Tot Ion: 43 Resp: 188686

Ion Ratio Lower Upper

43 100

86 11.9 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 16.989 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

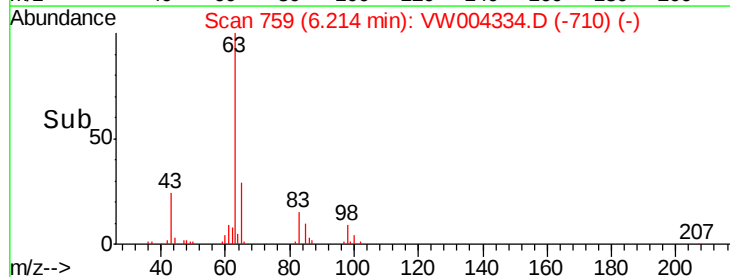
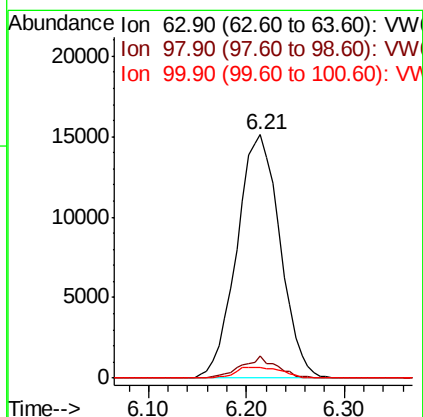
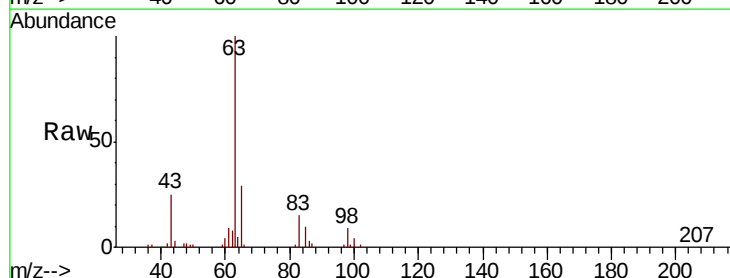
Tgt Ion: 63 Resp: 46402

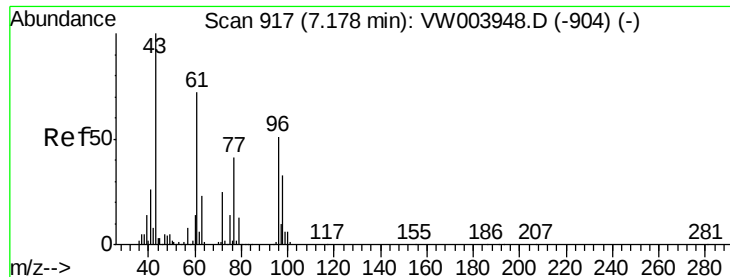
Ion Ratio Lower Upper

63 100

98 9.1 3.2 9.6

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 79.899 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

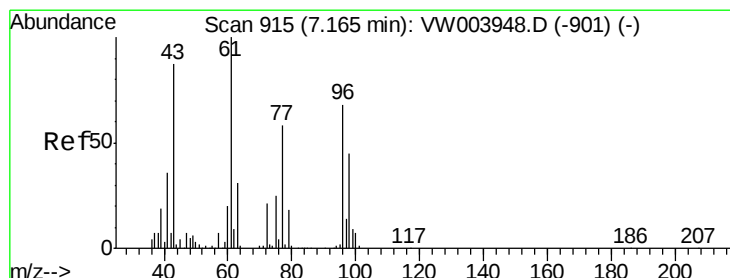
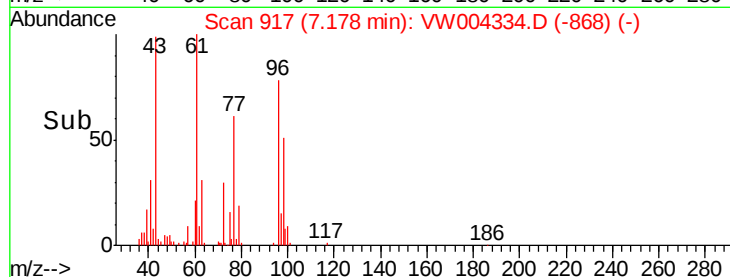
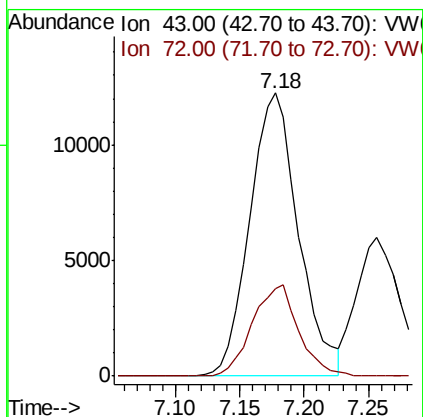
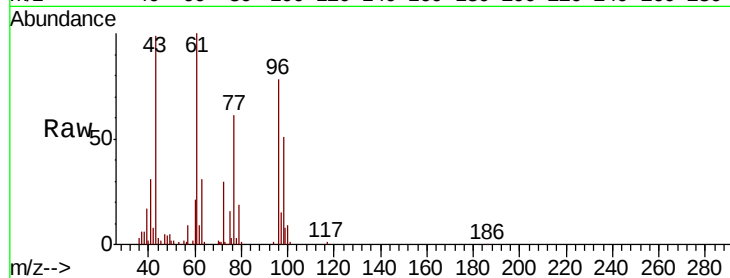
ClientSampleId :

Tot Ion: 43 Resp: 32095

Ion Ratio Lower Upper

43 100

72 30.8 20.3 30.5#



#26

2,2-Dichloropropane

Concen: 16.179 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004334.D

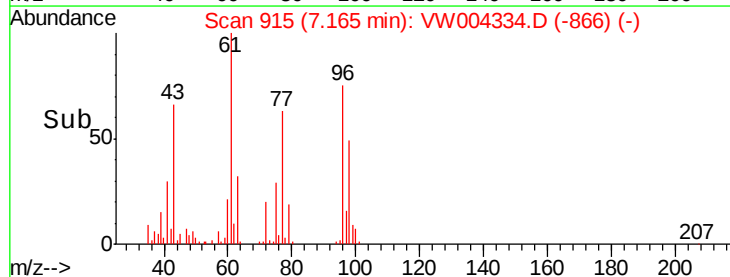
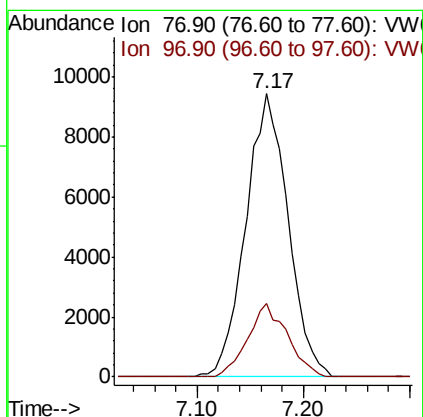
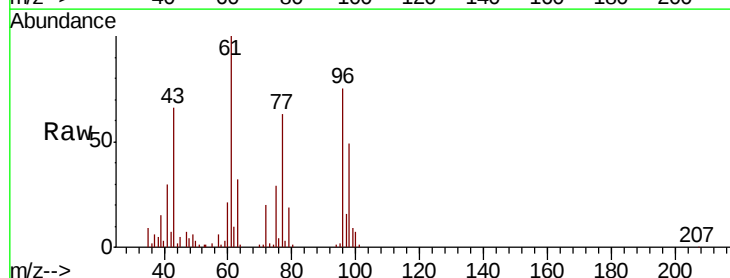
Acq: 30 Jul 2018 02:00

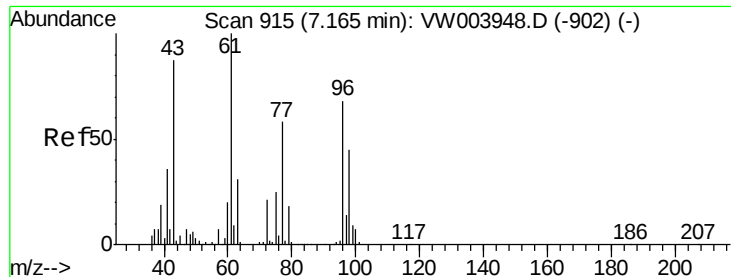
Tgt Ion: 77 Resp: 26245

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1



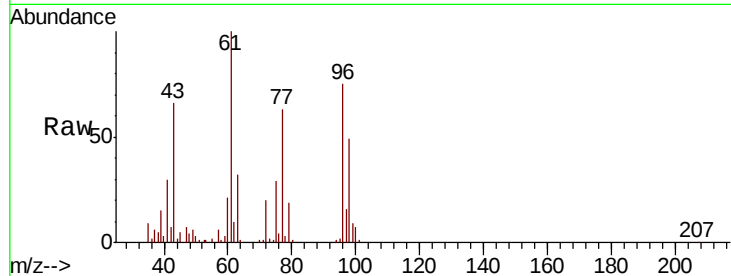


#27

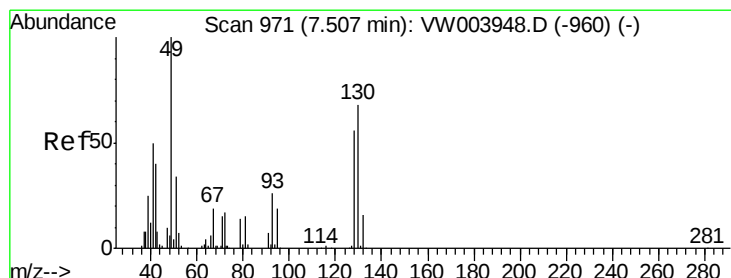
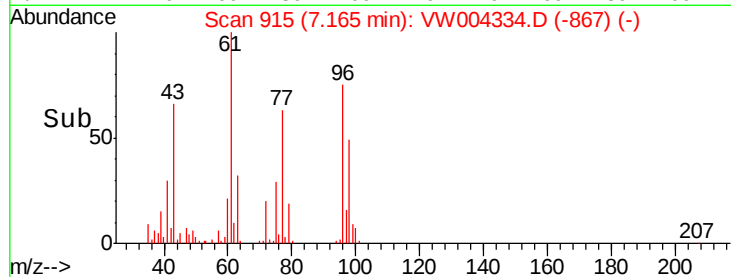
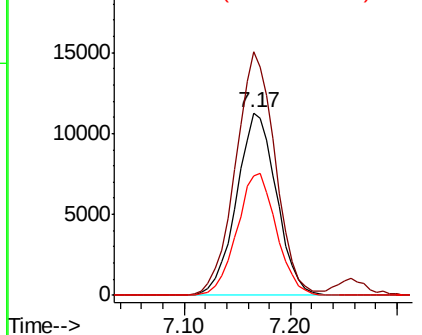
cis-1,2-Dichloroethene
 Concen: 19.043 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	96	Resp	29657
Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	292.0
98	66.2	0.0	129.6



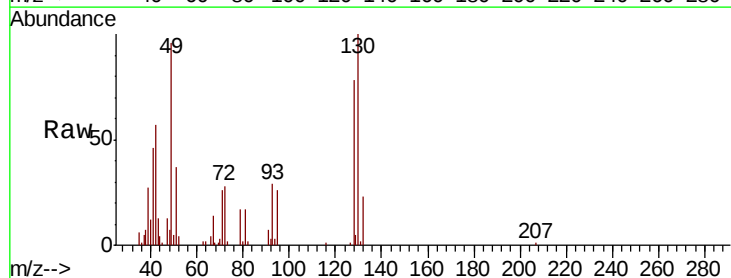
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



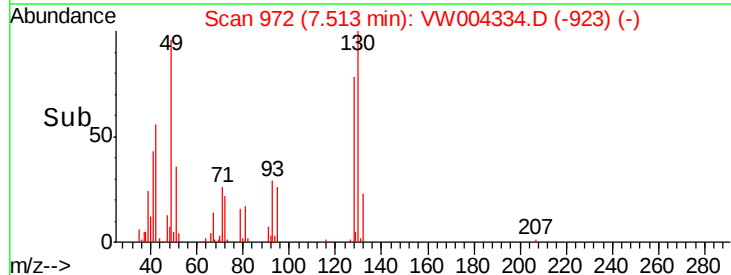
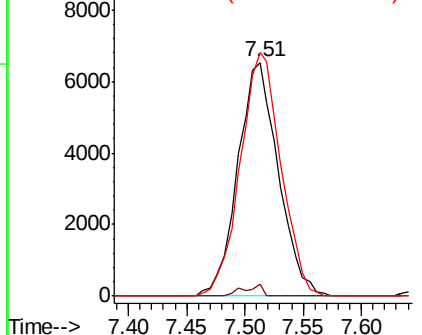
#28

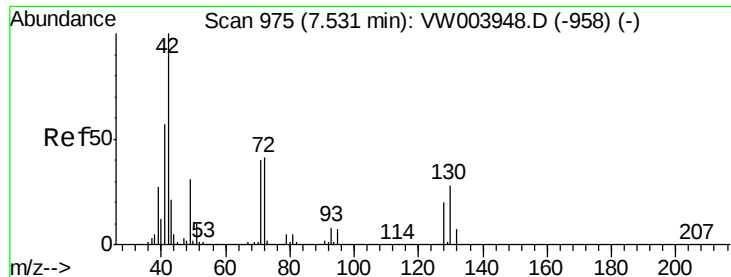
Bromochloromethane
 Concen: 16.151 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion	49	Resp	15827
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	104.5	61.5	92.3#



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

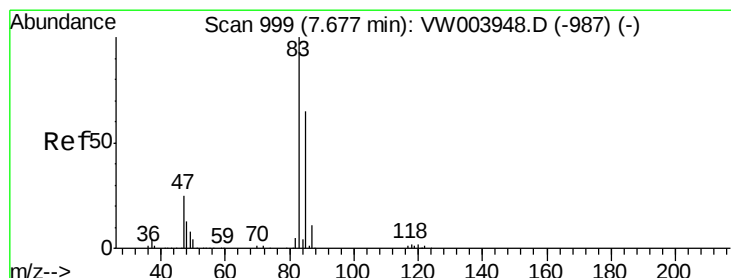
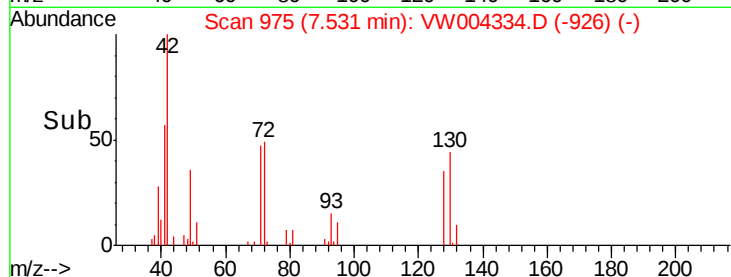
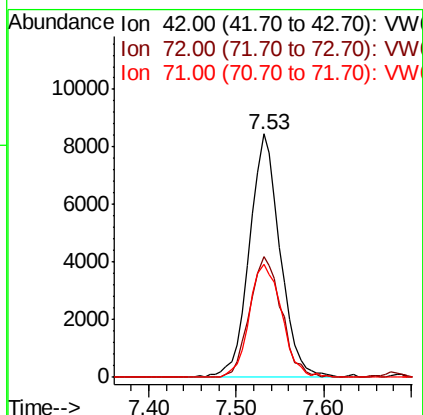
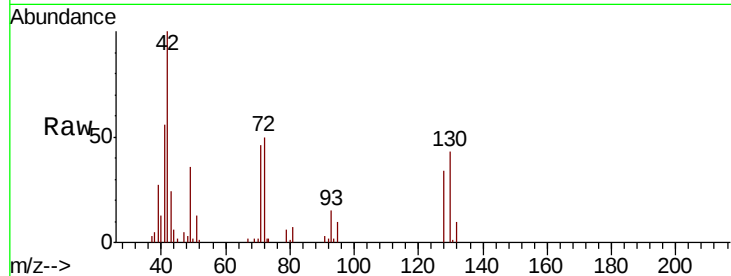




#29
Tetrahydrofuran
Concen: 76.356 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

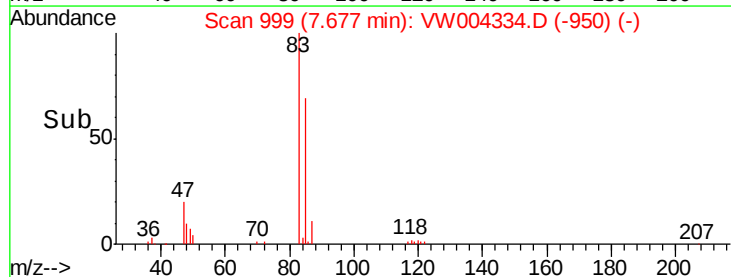
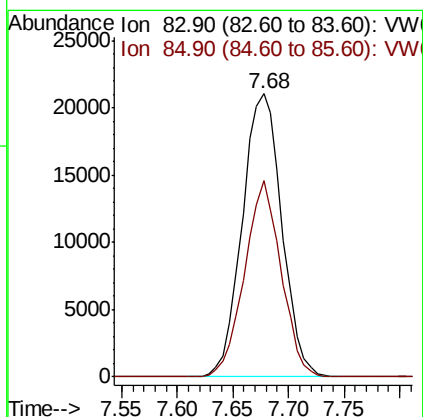
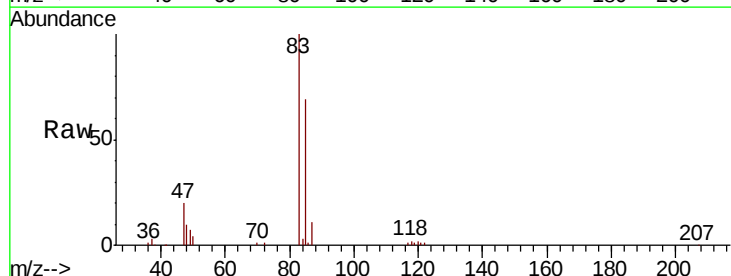
Instrument :
MSVOA_W
ClientSampled :

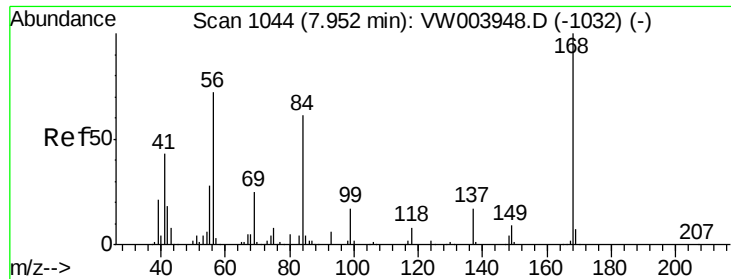
Tot Ion: 42 Resp: 20650
Ion Ratio Lower Upper
42 100
72 51.4 32.6 48.8#
71 49.0 31.3 46.9#



#30
Chloroform
Concen: 19.470 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 83 Resp: 52000
Ion Ratio Lower Upper
83 100
85 69.2 51.5 77.3

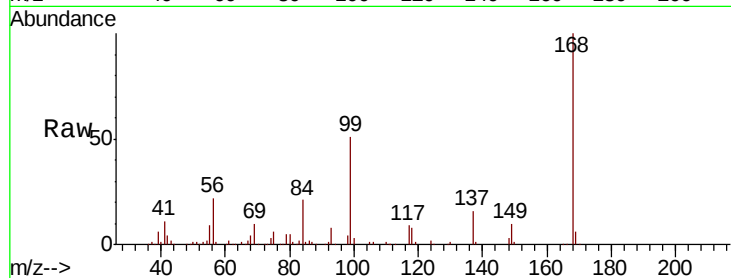




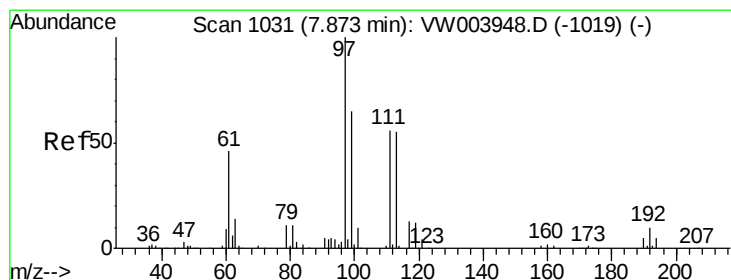
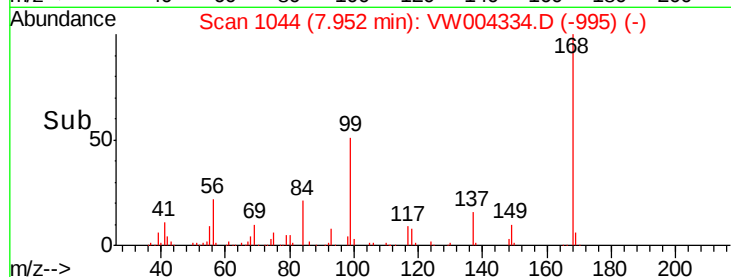
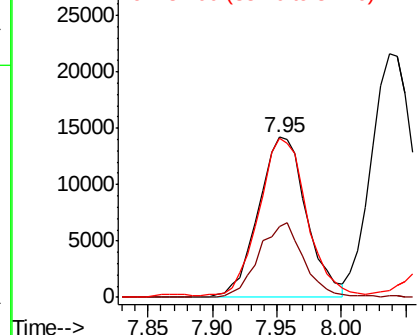
#31
Cyclohexane
Concen: 14.932 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 36868
Ion Ratio Lower Upper
56 100
69 44.3 26.3 39.5#
84 98.0 66.2 99.4

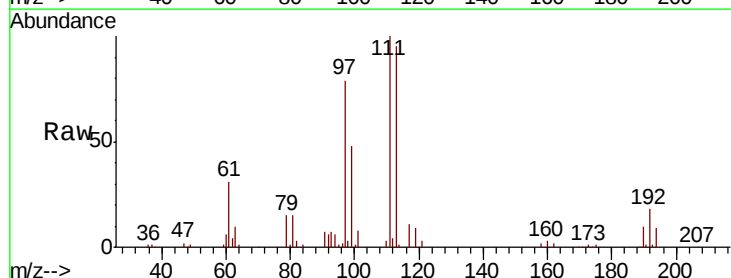


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

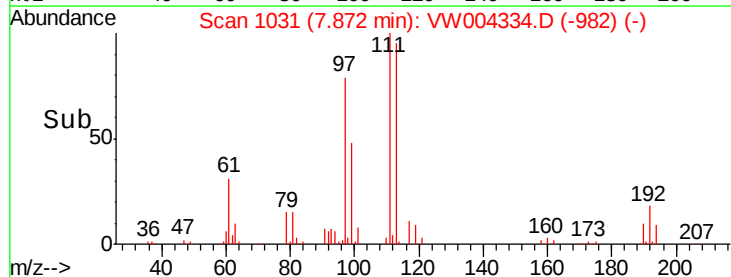
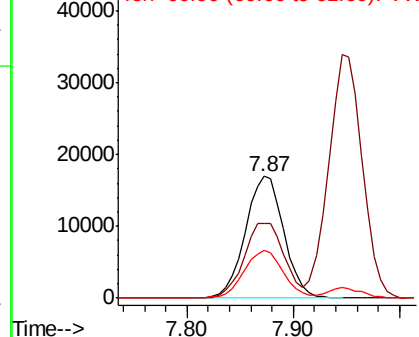


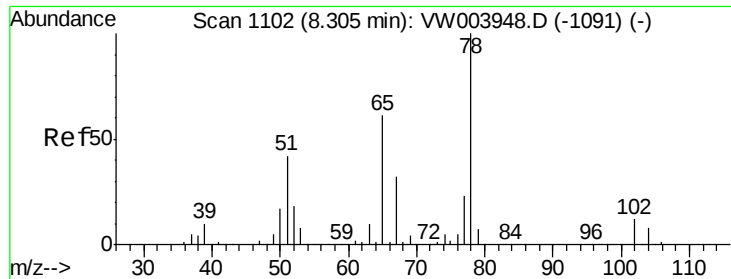
#32
1,1,1-Trichloroethane
Concen: 19.530 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 97 Resp: 42837
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 39.6 34.8 52.2



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

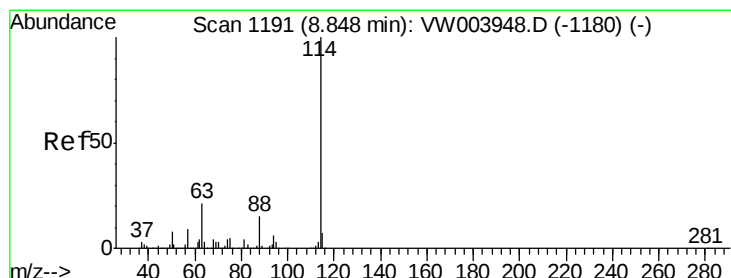
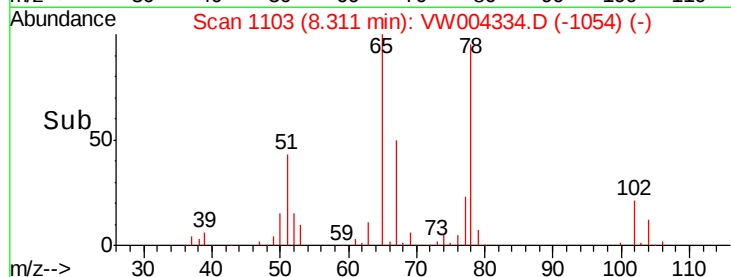
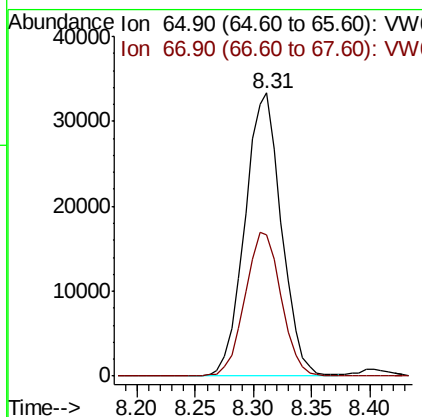
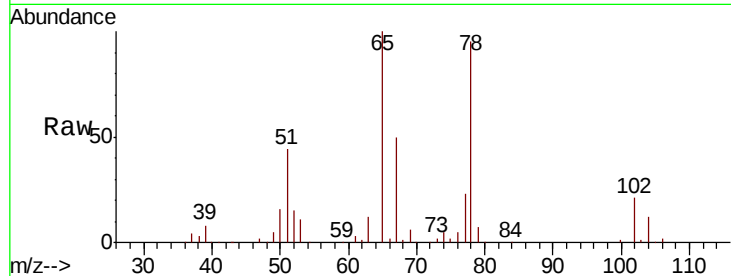




#33
 1,2-Dichloroethane-d4
 Concen: 50.157 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

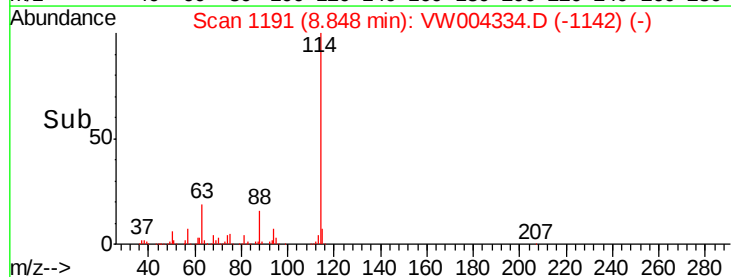
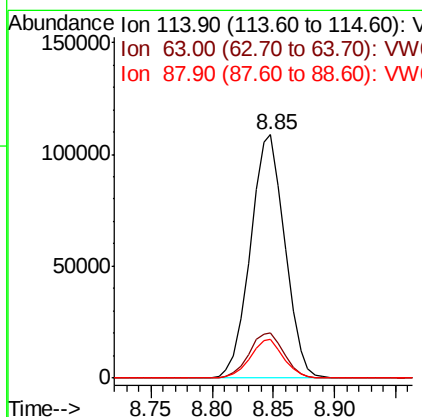
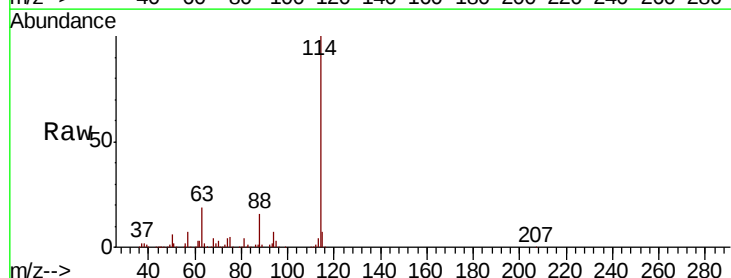
Instrument :
 MSVOA_W
 ClientSampleId :

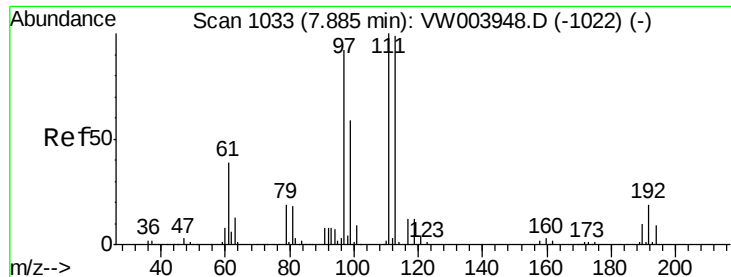
Tot Ion: 65 Resp: 72544
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion: 114 Resp: 213238
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.8 0.0 30.6

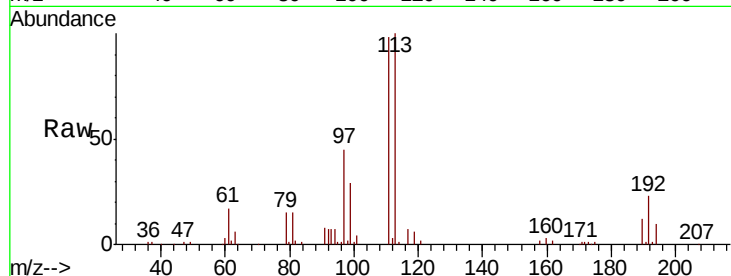




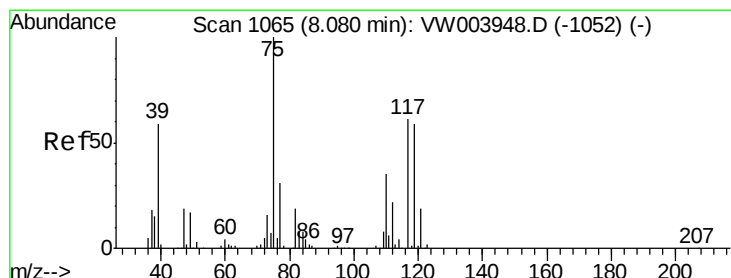
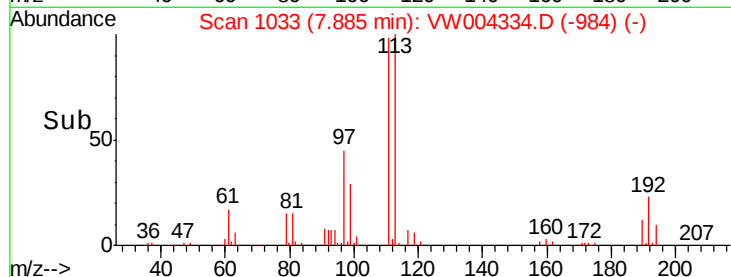
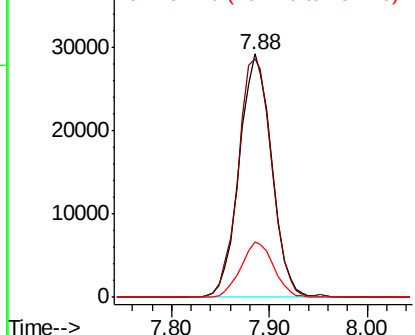
#35
 Dibromofluoromethane
 Concen: 49.760 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 67055
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.1 123.1
 192 22.9 16.2 24.4

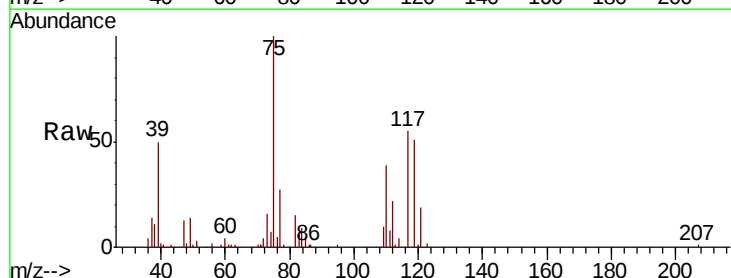


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

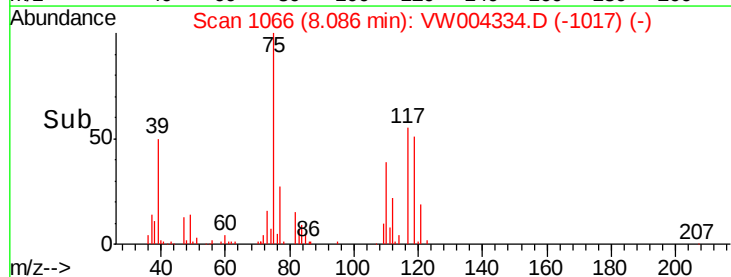
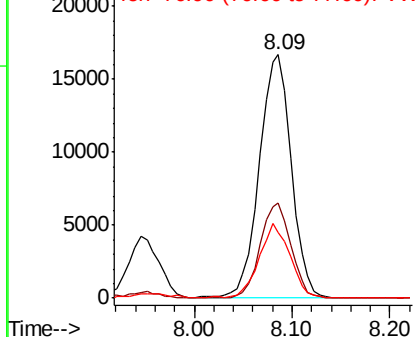


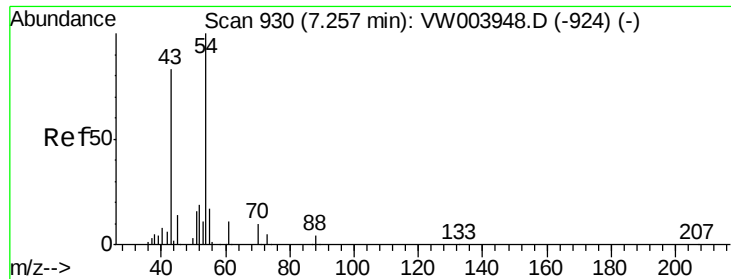
#36
 1,1-Dichloropropene
 Concen: 17.744 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion: 75 Resp: 37852
 Ion Ratio Lower Upper
 75 100
 110 37.5 17.3 52.0
 77 29.6 25.0 37.6



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

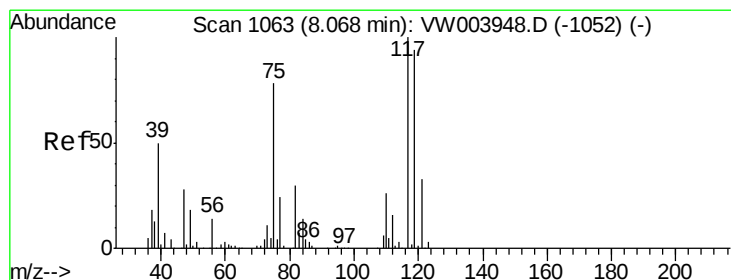
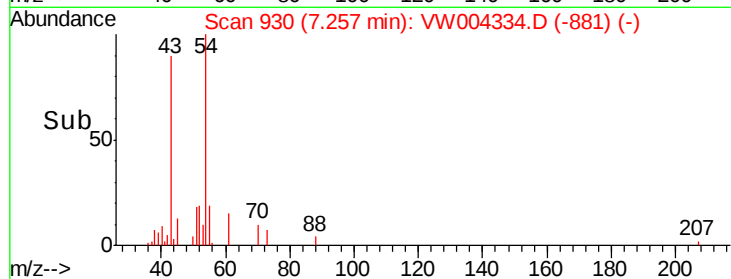
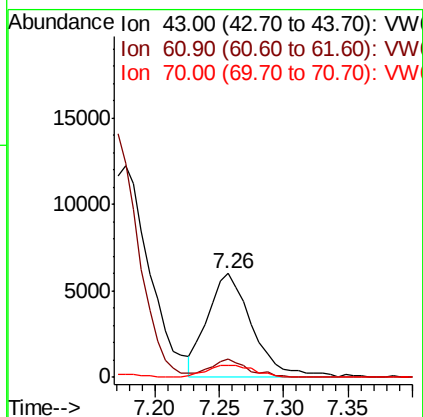
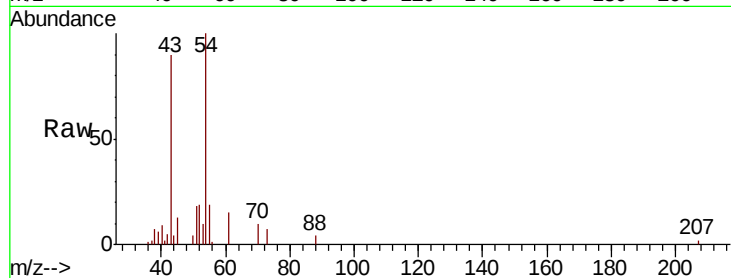




#37
Ethyl Acetate
Concen: 16.722 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

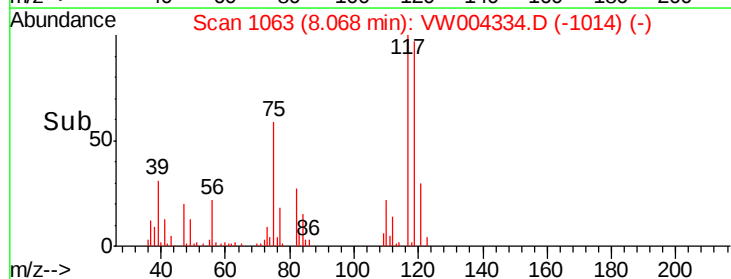
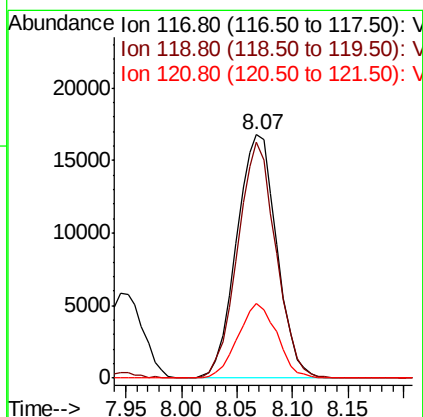
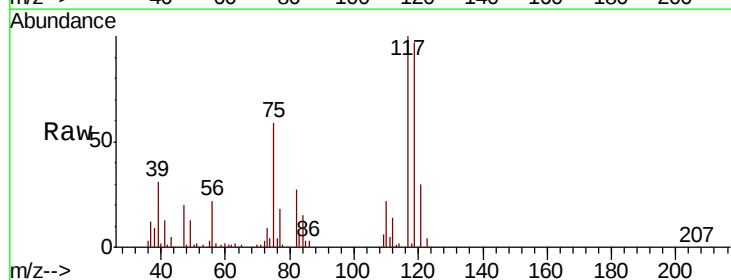
Instrument :
MSVOA_W
ClientSampleId :

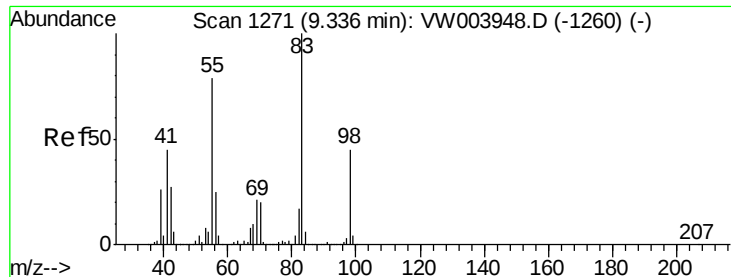
Tot Ion: 43 Resp: 14618
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 12.4 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 19.874 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 117 Resp: 41863
Ion Ratio Lower Upper
117 100
119 96.7 79.7 119.5
121 30.5 25.7 38.5

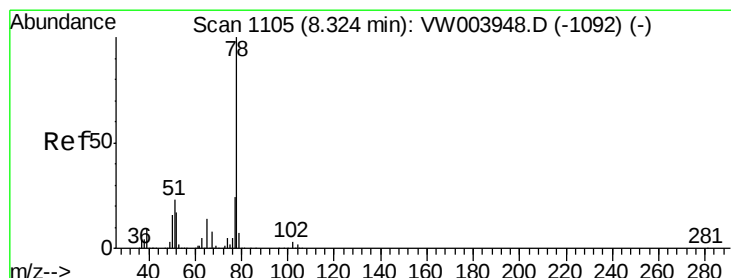
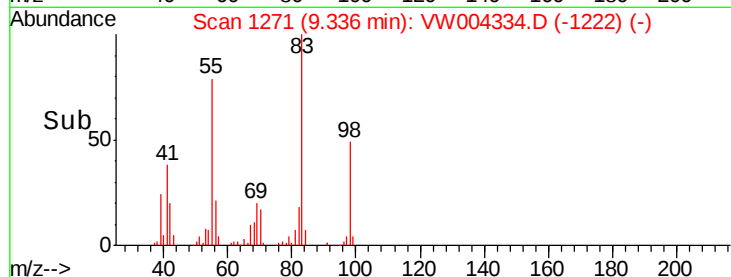
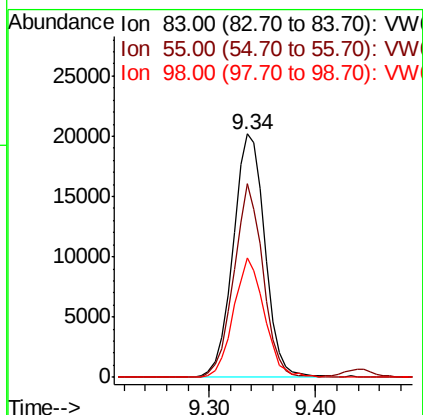
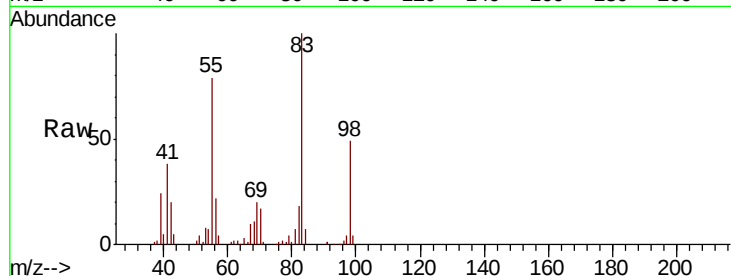




#39
Methvlcvclohexane
Concen: 16.452 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

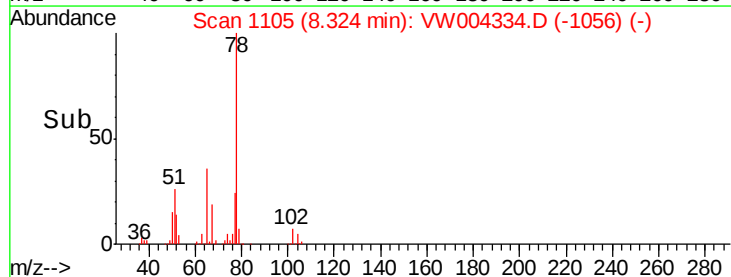
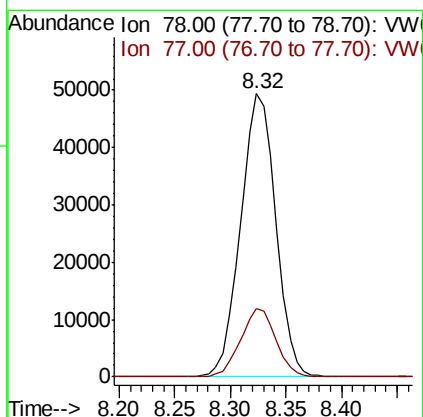
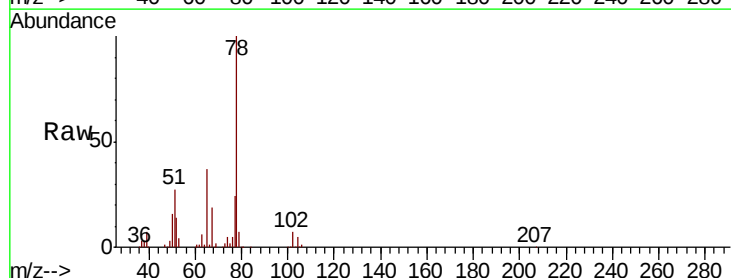
Instrument :
MSVOA_W
ClientSampleId :

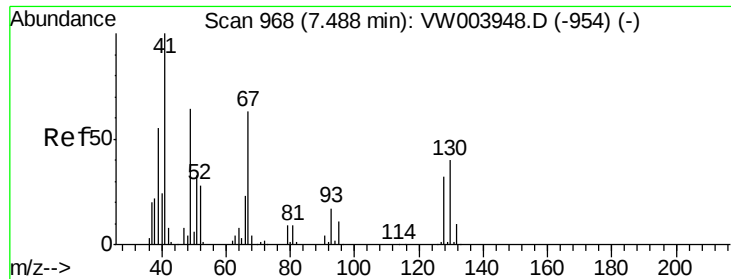
Tot Ion: 83 Resp: 42291
Ion Ratio Lower Upper
83 100
55 79.5 64.3 96.5
98 48.9 36.3 54.5



#40
Benzene
Concen: 18.041 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 78 Resp: 108265
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

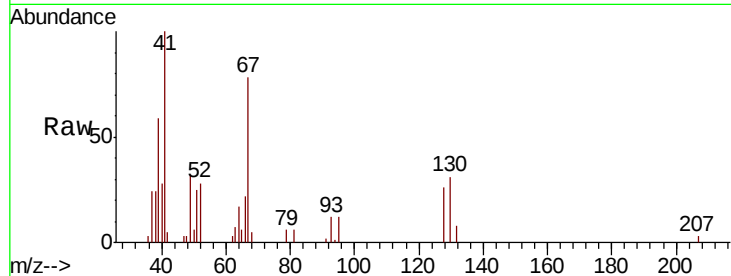




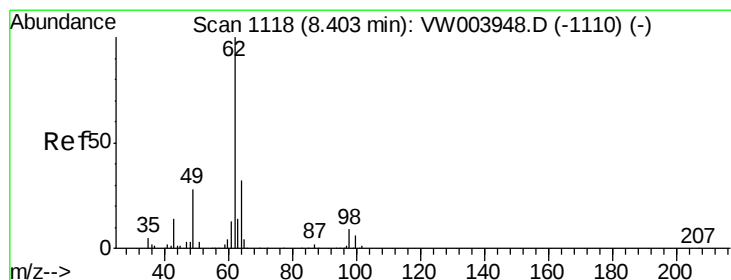
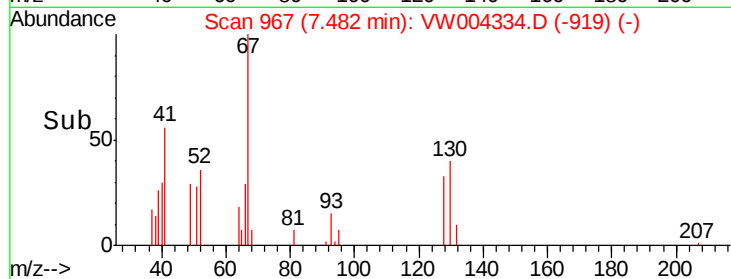
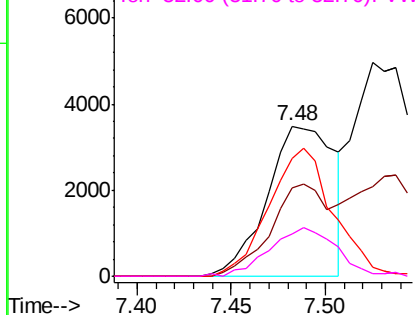
#41
Methacrylonitrile
Concen: 16.521 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	8629
Ion	Ratio	Lower	Upper
41	100		
39	49.4	41.2	61.8
67	81.6	53.4	80.0#
52	32.3	22.4	33.6

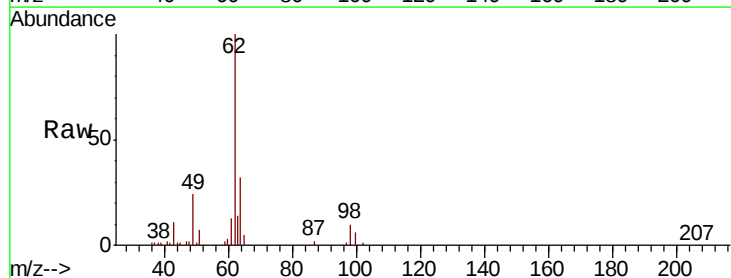


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

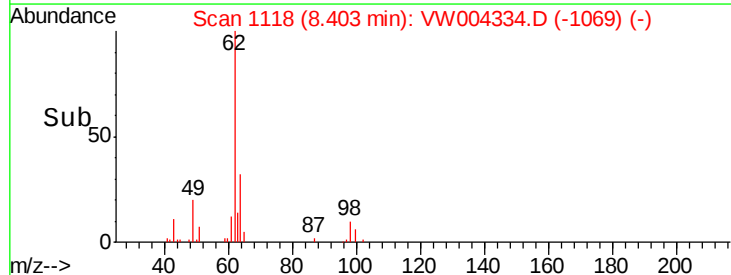
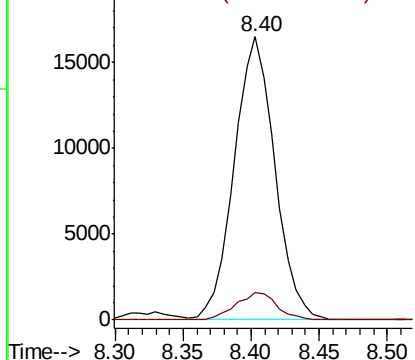


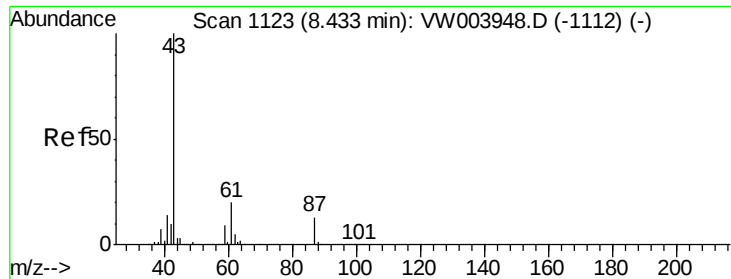
#42
1,2-Dichloroethane
Concen: 20.054 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:	62	Resp:	34405
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 17.359 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

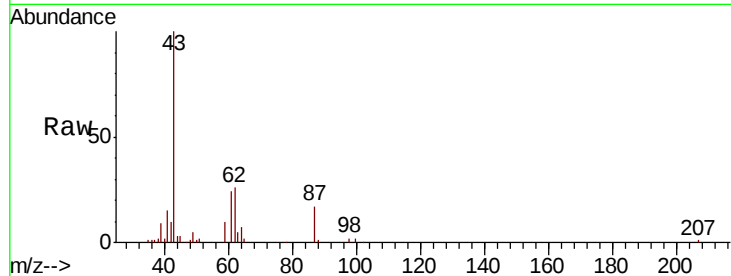
Tot Ion: 43 Resp: 27349

Ion Ratio Lower Upper

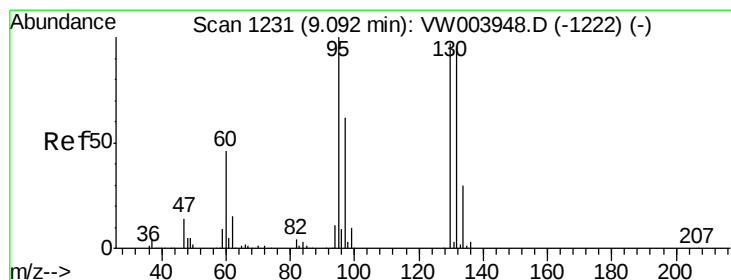
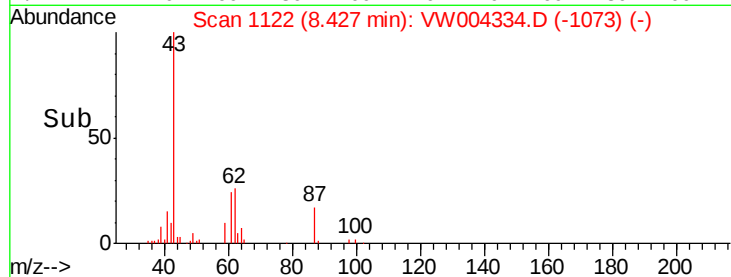
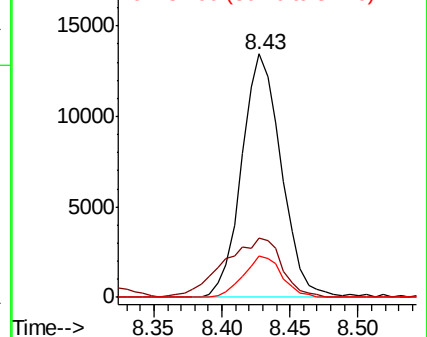
43 100

61 35.3 24.5 36.7

87 16.6 10.4 15.6#



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



#44

Trichloroethene

Concen: 20.083 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004334.D

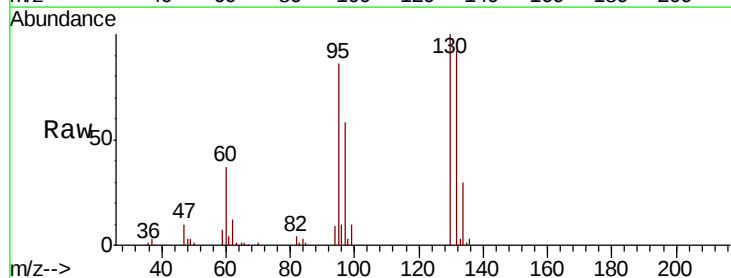
Acq: 30 Jul 2018 02:00

Tgt Ion: 130 Resp: 32538

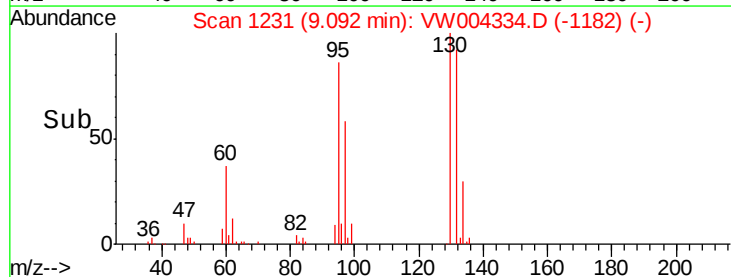
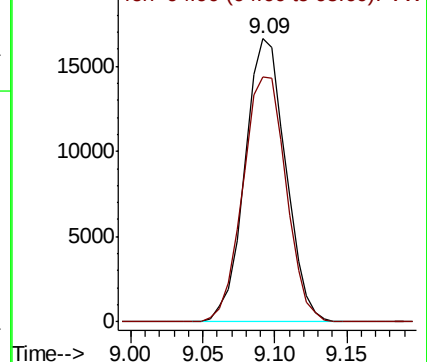
Ion Ratio Lower Upper

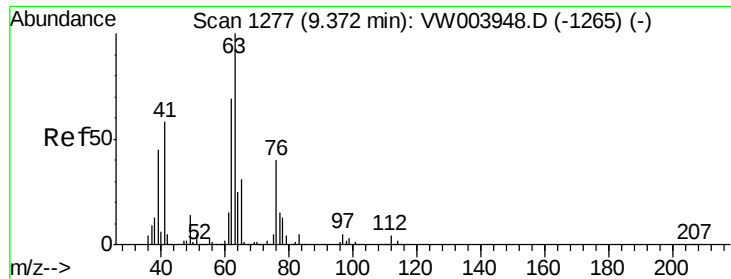
130 100

95 86.5 0.0 199.4



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

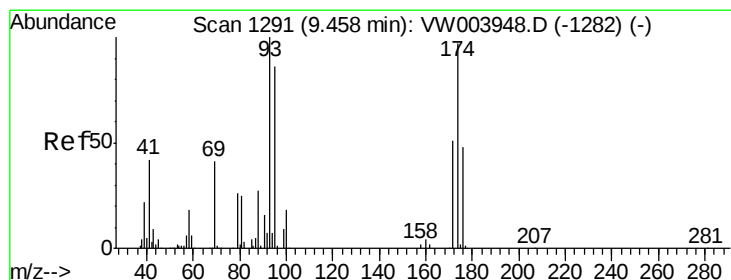
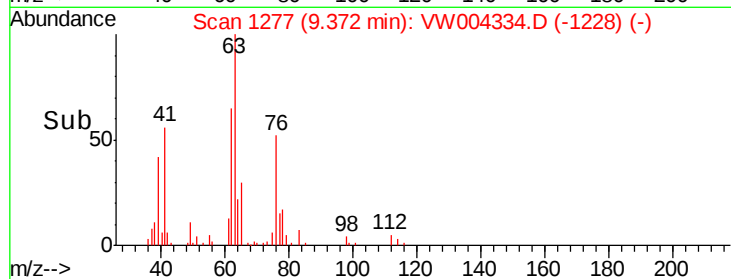
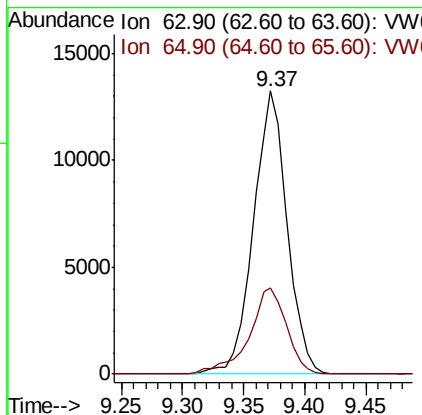
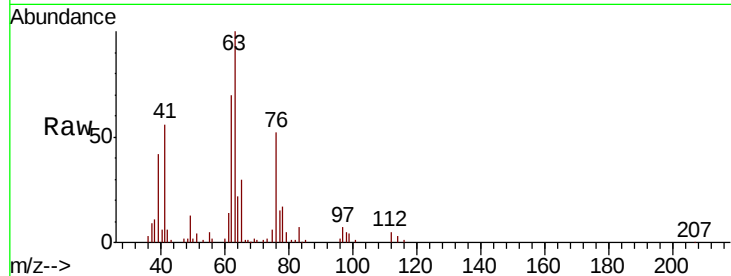




#45
 1,2-Dichloropropane
 Concen: 17.041 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

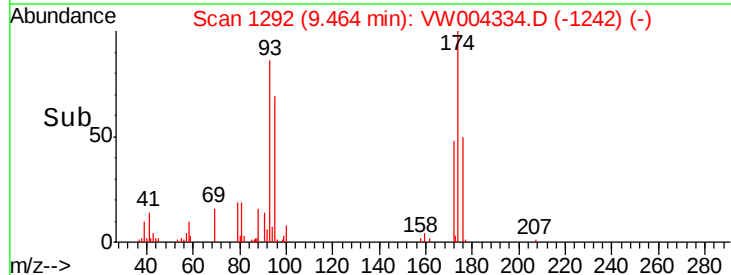
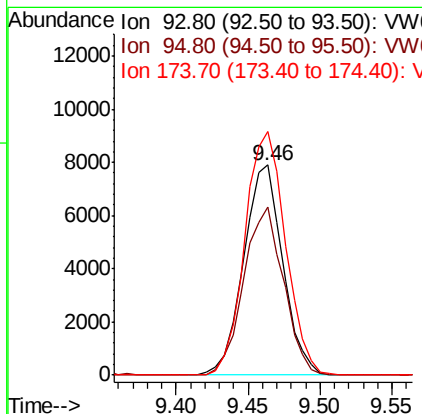
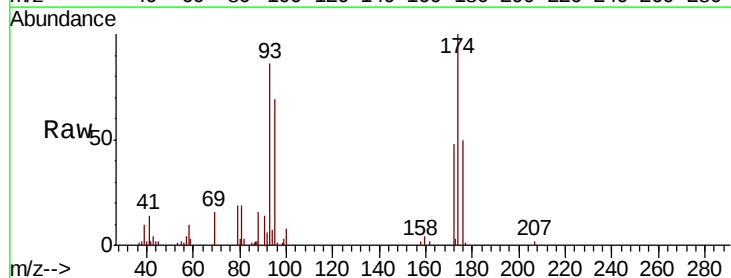
Instrument :
 MSVOA_W
 ClientSampled :

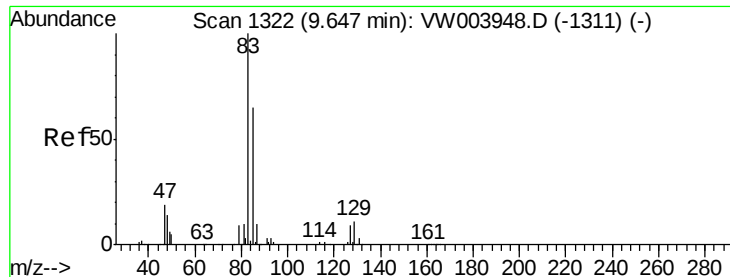
Tot Ion: 63 Resp: 25377
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.9 35.9



#46
 Dibromomethane
 Concen: 19.509 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion: 93 Resp: 14835
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.8 98.8
 174 120.0 83.7 125.5





#47

Bromodichloromethane

Concen: 19.271 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

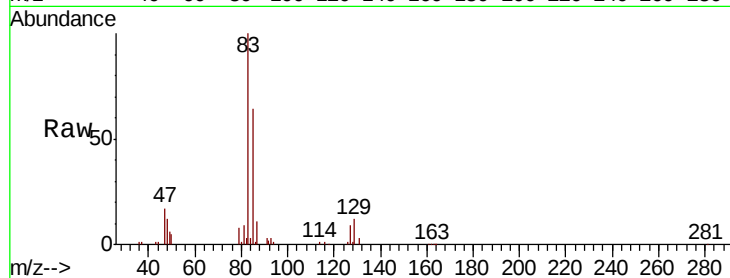
Tot Ion: 83 Resp: 37167

Ion Ratio Lower Upper

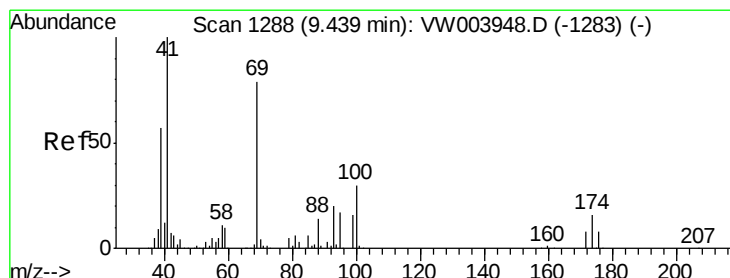
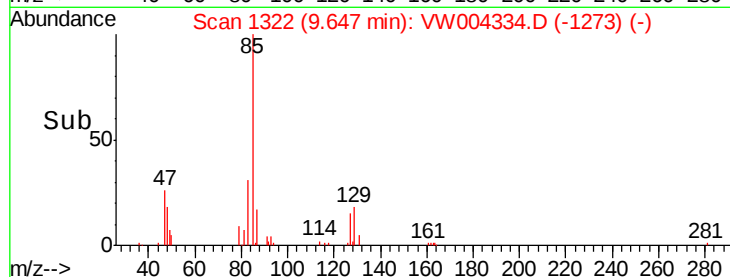
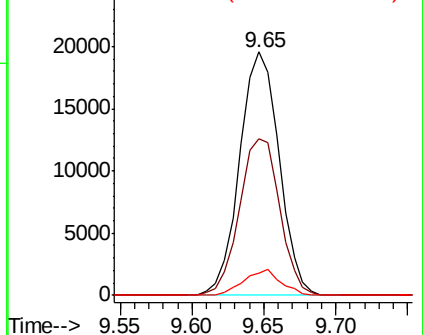
83 100

85 64.4 51.3 76.9

127 9.4 6.6 9.8



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



#48

Methyl methacrylate

Concen: 18.758 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

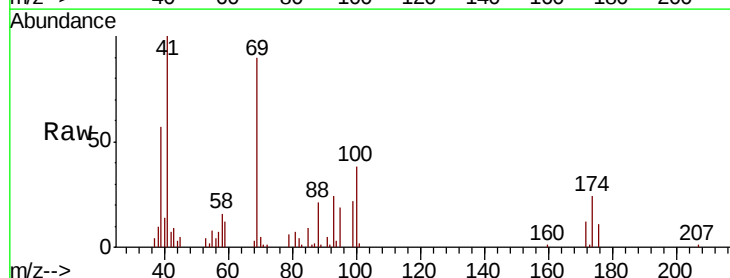
Tgt Ion: 41 Resp: 15051

Ion Ratio Lower Upper

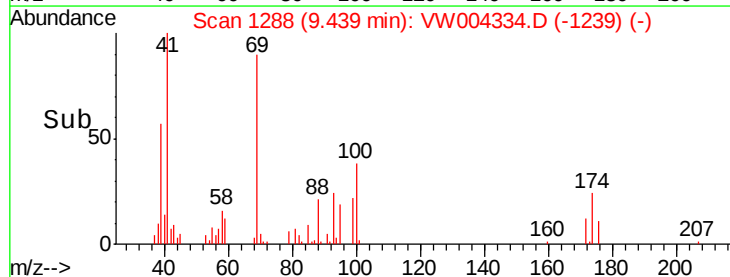
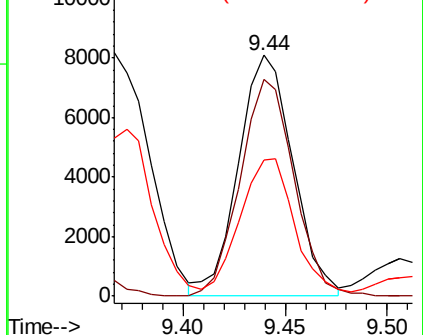
41 100

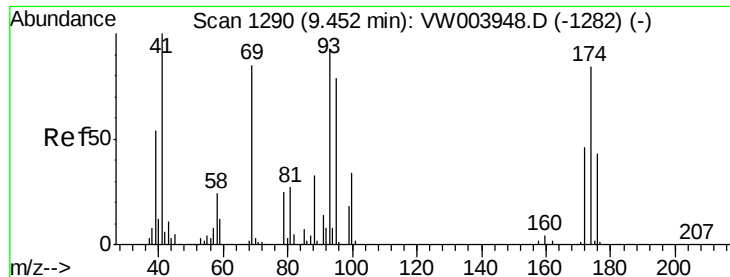
69 89.0 69.7 104.5

39 57.8 41.8 62.8



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: 451.622 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampled :

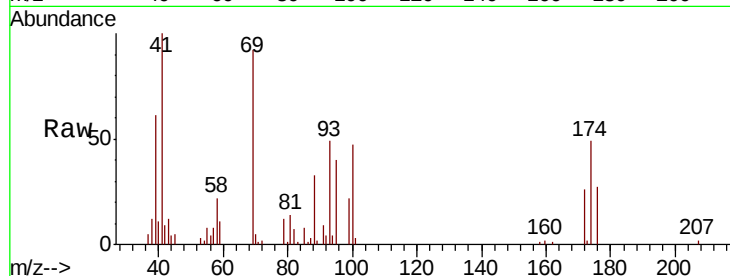
Tot Ion: 88 Resp: 5206

Ion Ratio Lower Upper

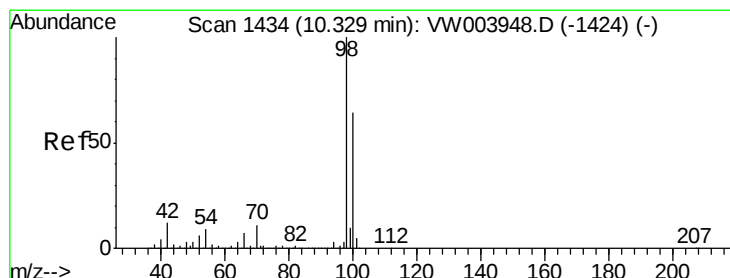
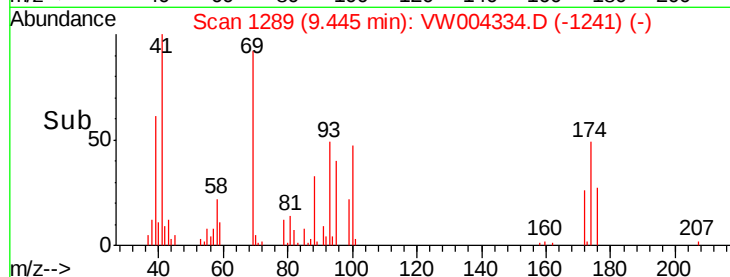
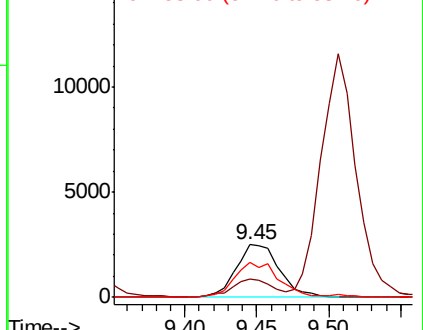
88 100

43 32.7 28.3 42.5

58 69.0 60.2 90.4



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: 48.633 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004334.D

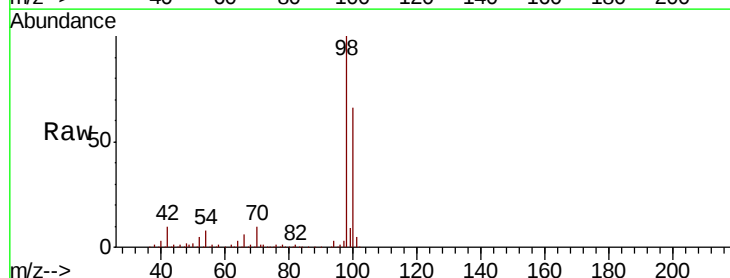
Acq: 30 Jul 2018 02:00

Tgt Ion: 98 Resp: 259009

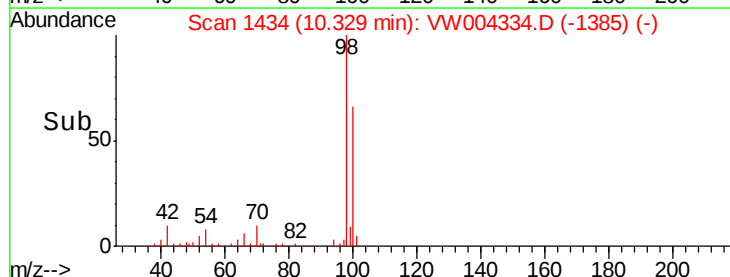
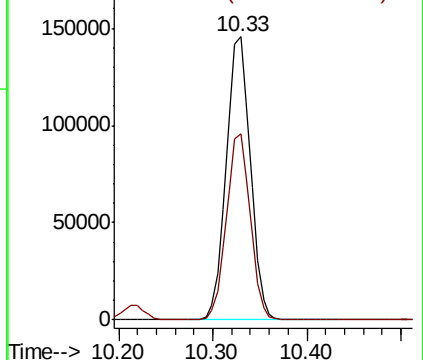
Ion Ratio Lower Upper

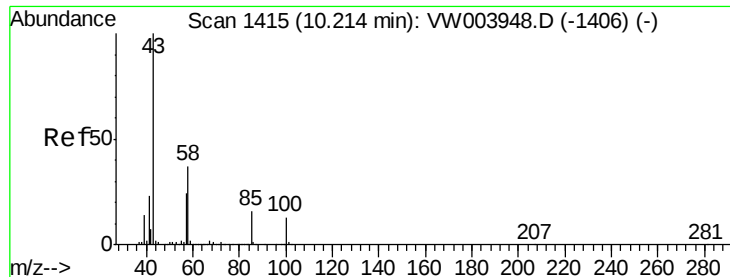
98 100

100 64.9 51.5 77.3



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: 82.469 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

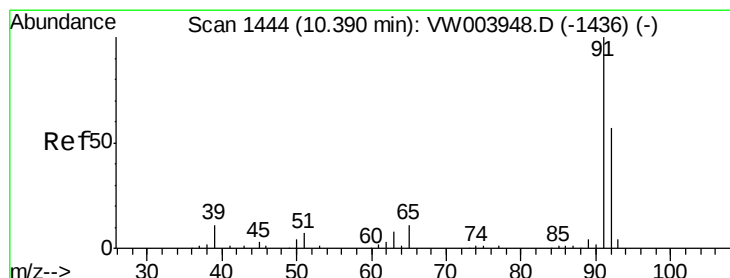
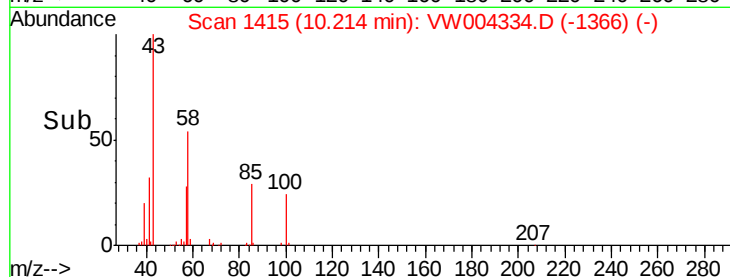
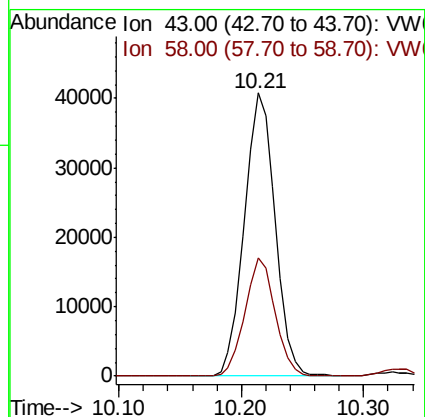
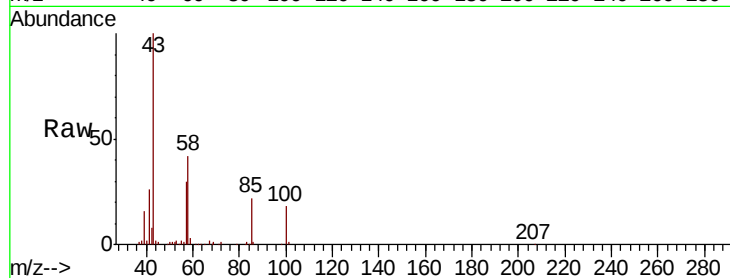
ClientSampled :

Tot Ion: 43 Resp: 71308

Ion Ratio Lower Upper

43 100

58 41.0 30.6 45.8



#52

Toluene

Concen: 19.619 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004334.D

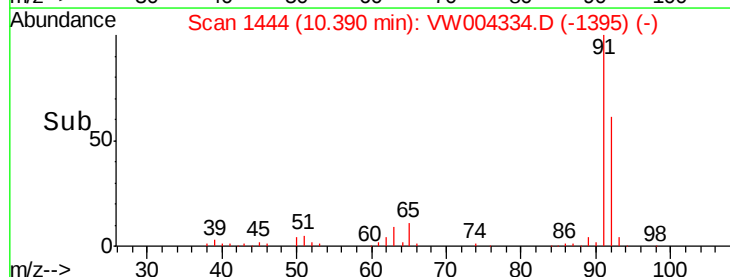
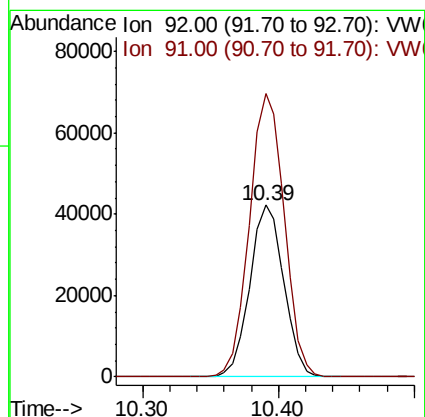
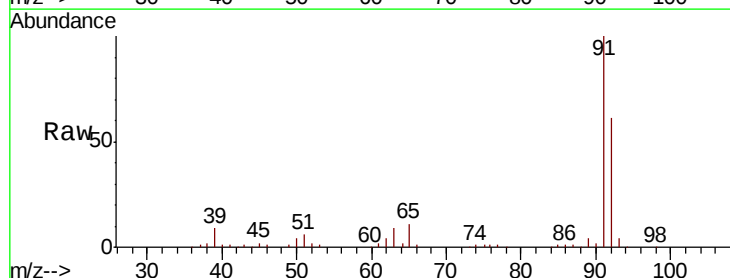
Acq: 30 Jul 2018 02:00

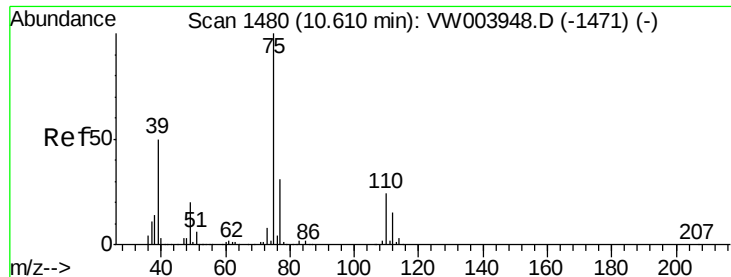
Tgt Ion: 92 Resp: 73920

Ion Ratio Lower Upper

92 100

91 169.2 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 18.680 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

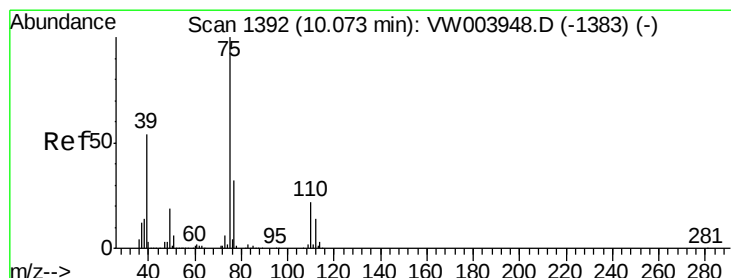
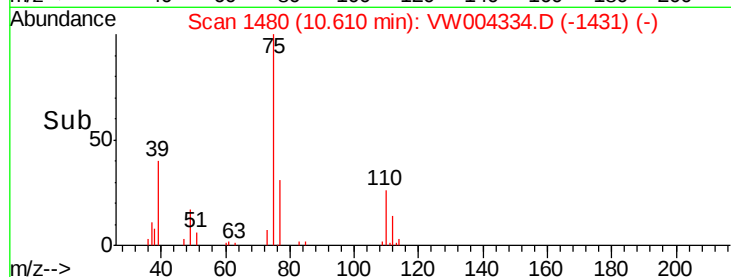
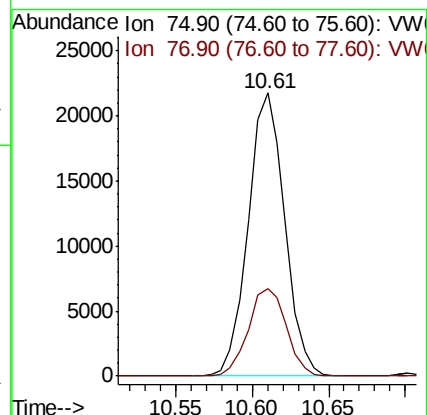
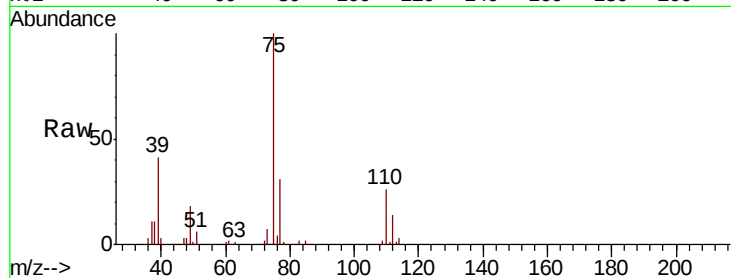
ClientSampleId :

Tot Ion: 75 Resp: 36084

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.948 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

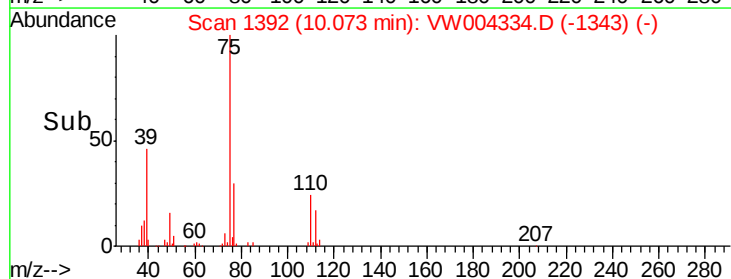
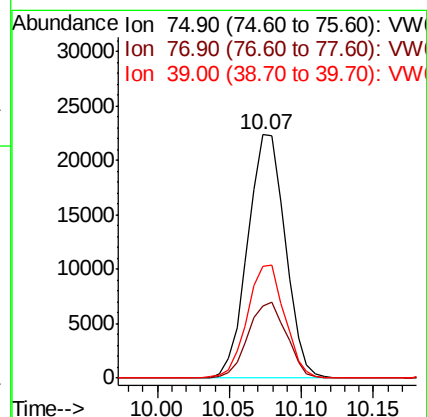
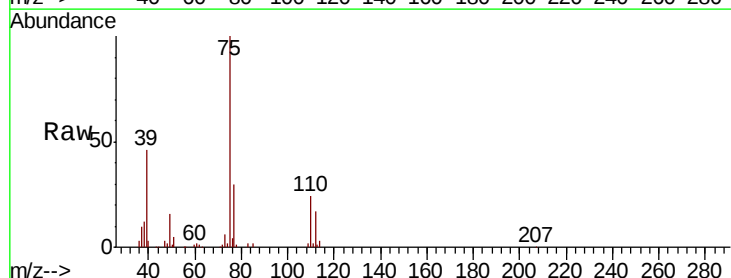
Tgt Ion: 75 Resp: 40419

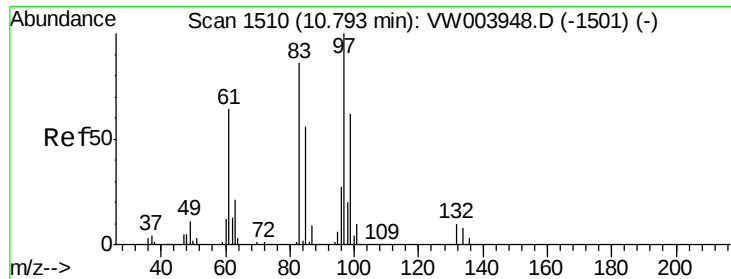
Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.4

39 45.8 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 19.833 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

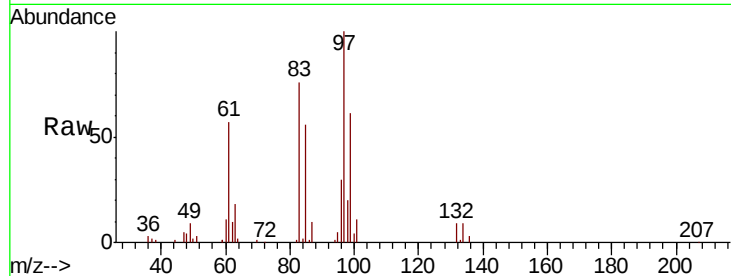
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 21488

Ion	Ratio	Lower	Upper
97	100		
83	76.5	70.8	106.2
85	55.6	43.7	65.5
99	61.3	45.1	67.7

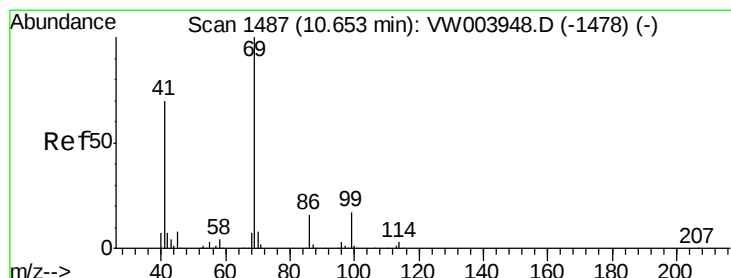
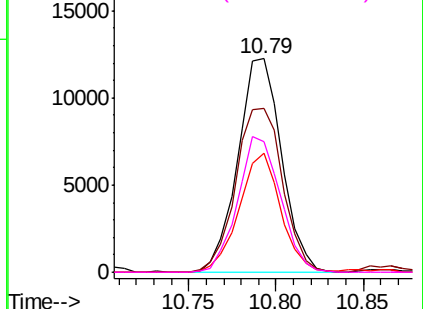
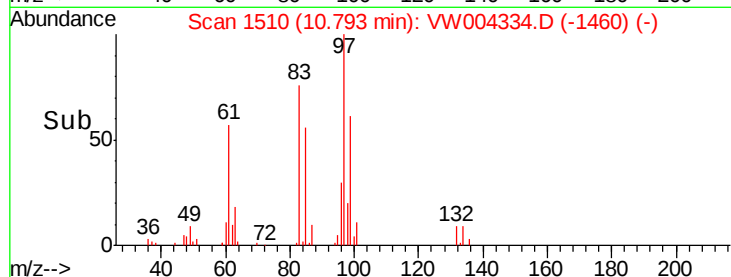


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 19.634 ug/l

RT: 10.65 min Scan# 1487

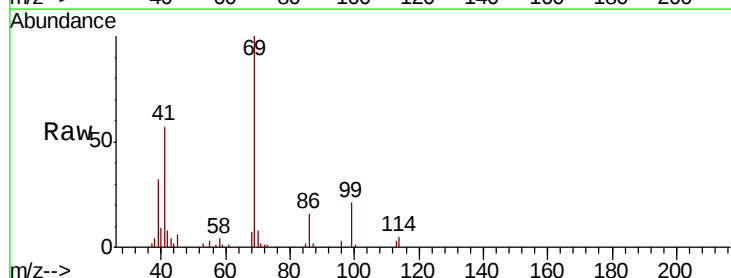
Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion: 69 Resp: 25742

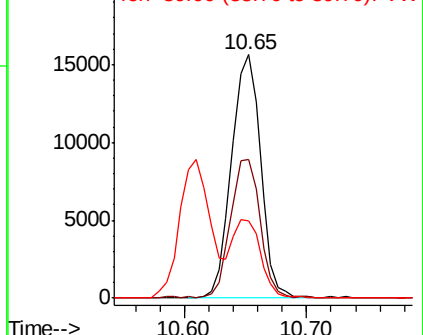
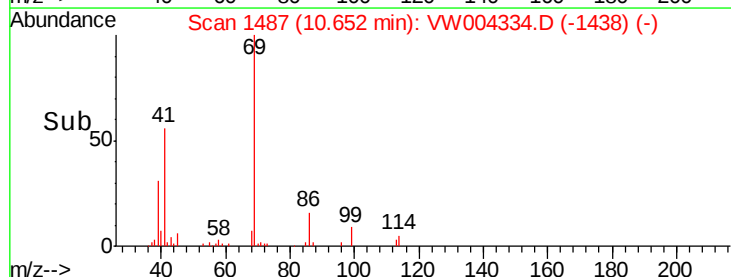
Ion	Ratio	Lower	Upper
69	100		
41	58.1	54.7	82.1
39	30.6	24.4	36.6

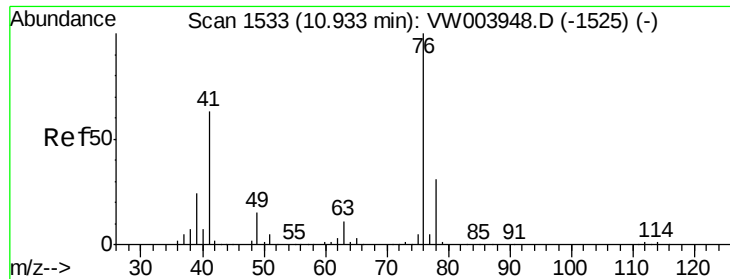


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

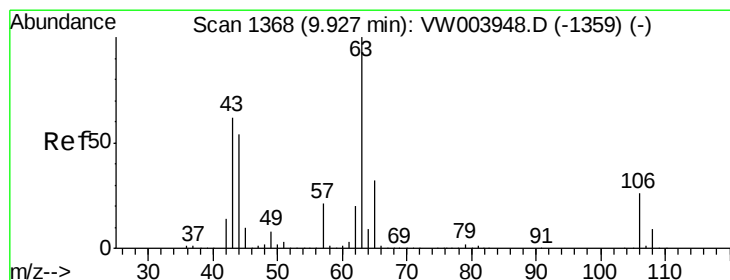
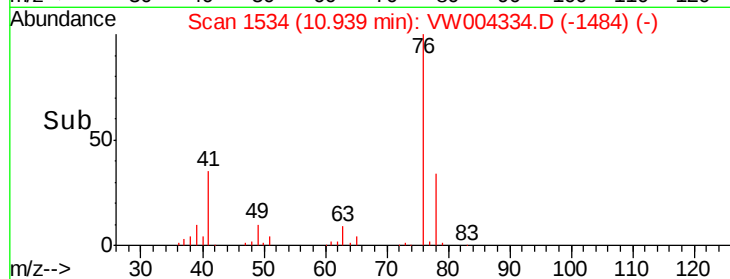
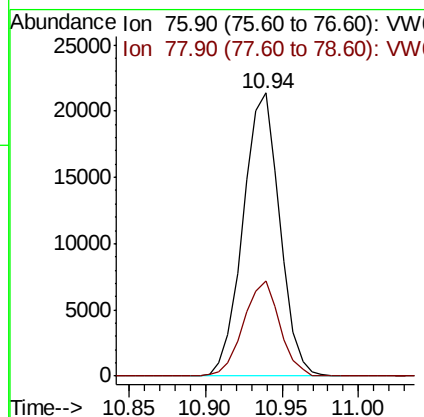
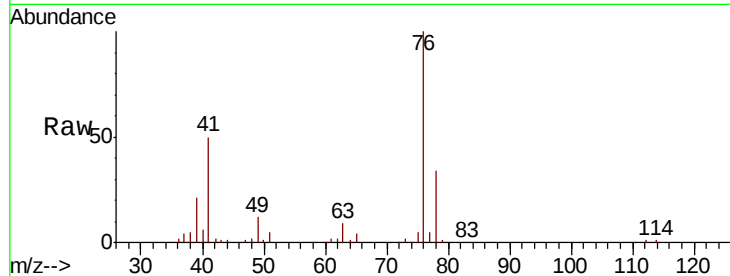




#57
 1,3-Dichloropropane
 Concen: 19.280 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

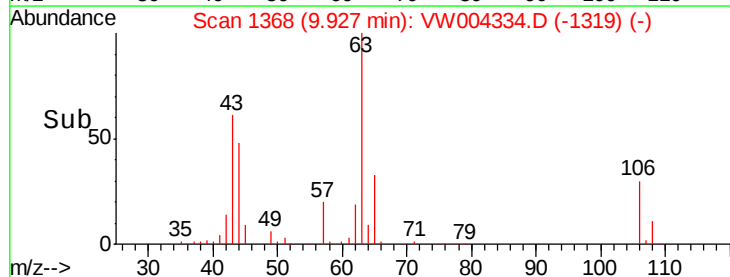
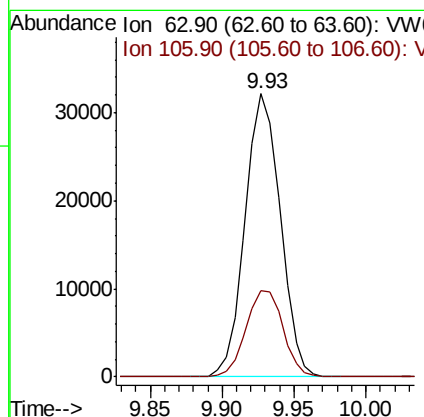
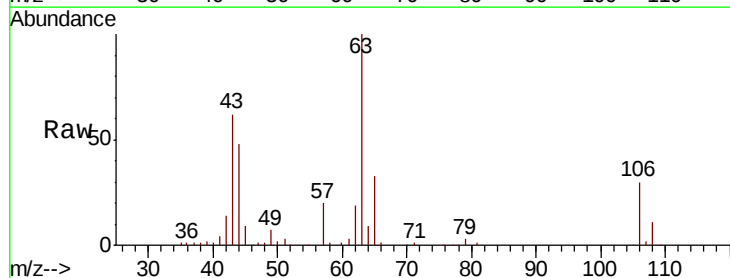
Instrument :
 MSVOA_W
 ClientSampleId :

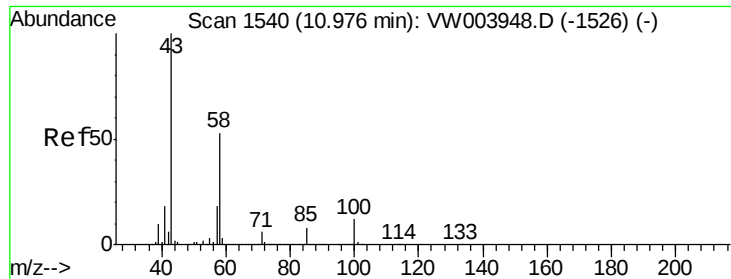
Tot Ion: 76 Resp: 35587
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.494 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion: 63 Resp: 54451
 Ion Ratio Lower Upper
 63 100
 106 32.1 21.9 32.9

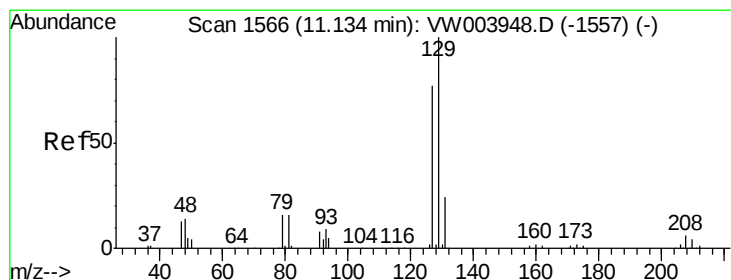
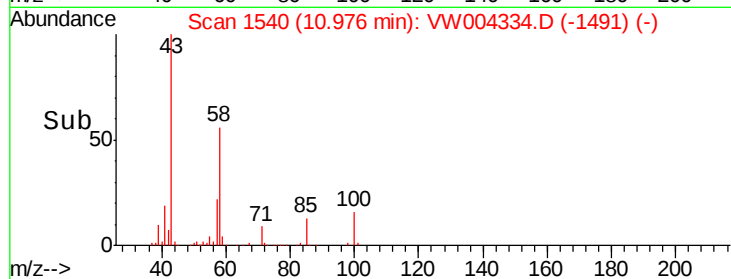
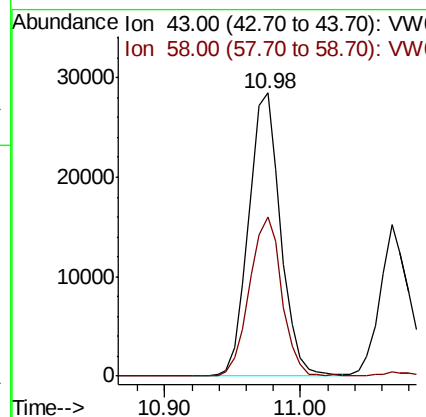
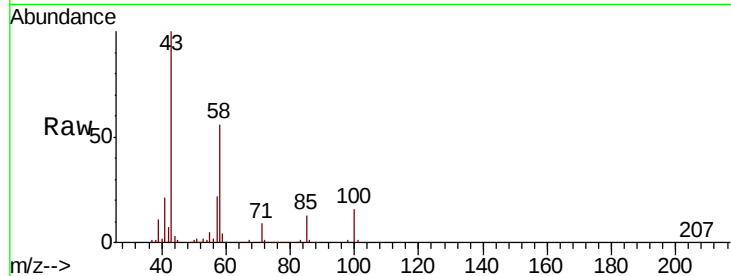




#59
2-Hexanone
Concen: 78.869 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

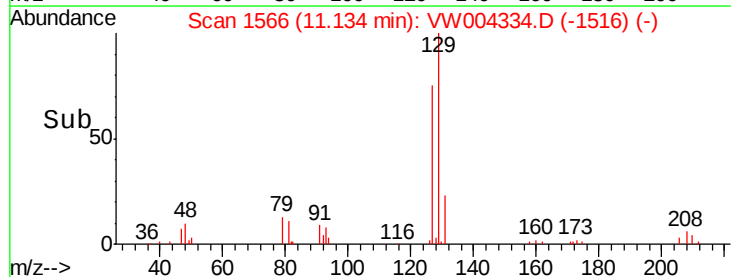
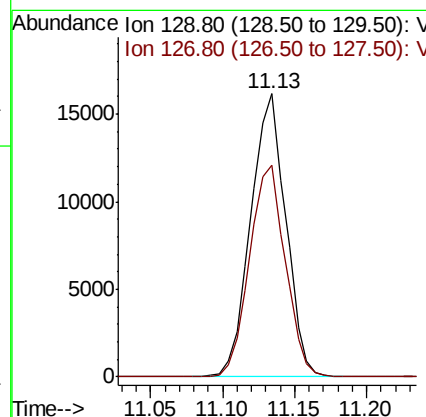
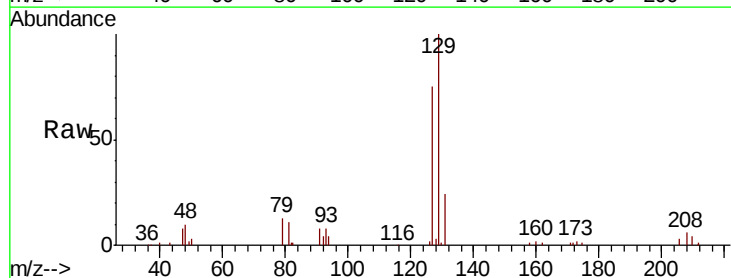
Instrument :
MSVOA_W
ClientSampleId :

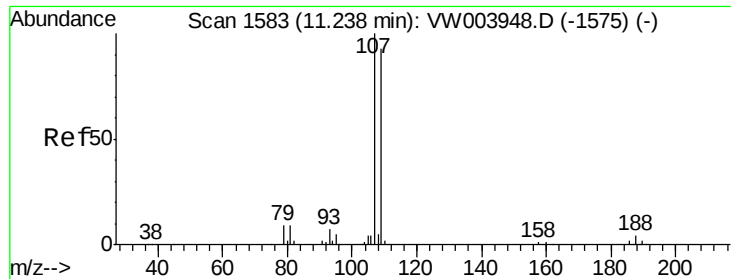
Tot Ion: 43 Resp: 46825
Ion Ratio Lower Upper
43 100
58 56.7 26.5 79.4



#60
Dibromochloromethane
Concen: 20.917 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 129 Resp: 27116
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.071 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

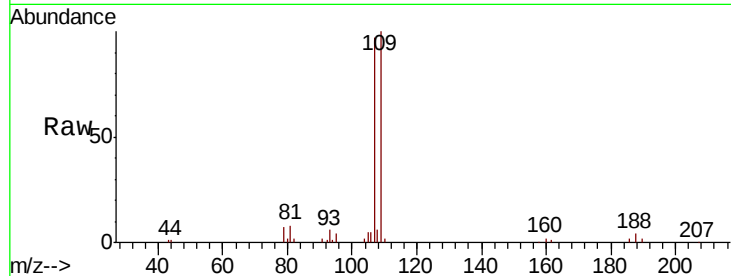
ClientSampleId :

Tot Ion:107 Resp: 19703

Ion Ratio Lower Upper

107 100

109 95.2 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

12000

10000

8000

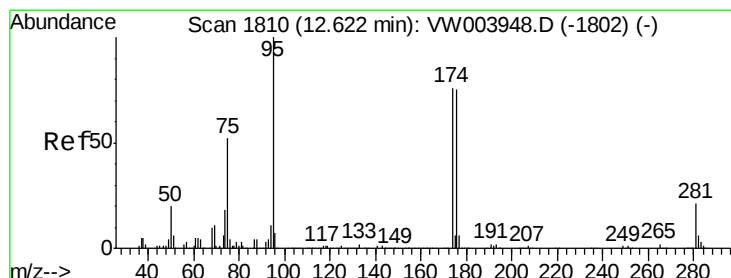
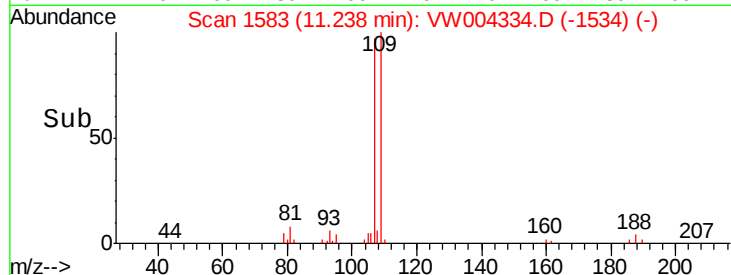
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 50.285 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

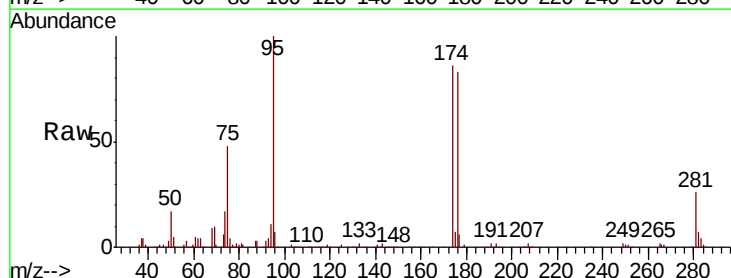
Tgt Ion: 95 Resp: 94295

Ion Ratio Lower Upper

95 100

174 91.5 0.0 167.8

176 87.6 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

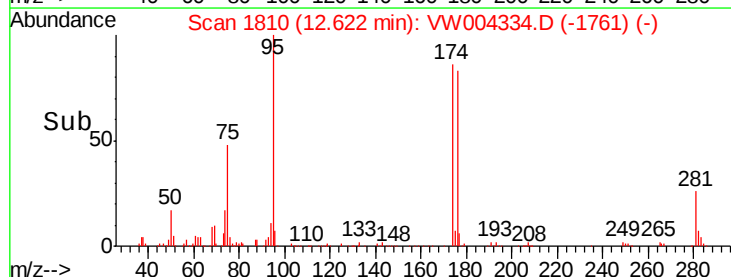
60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70

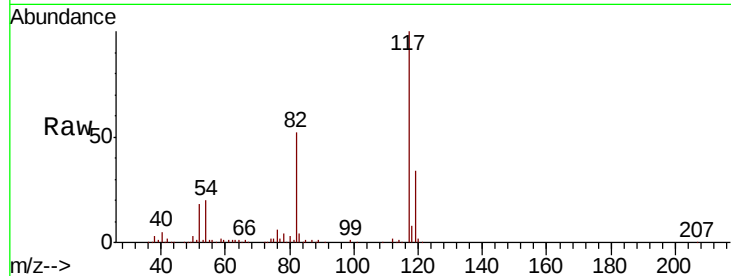




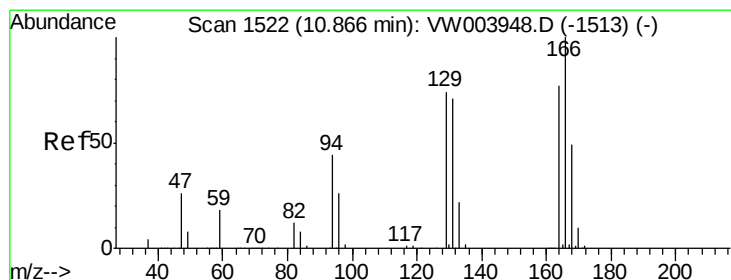
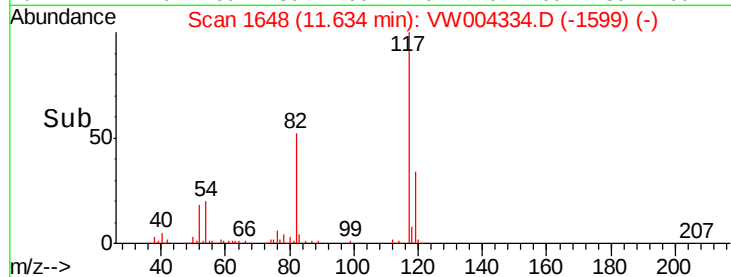
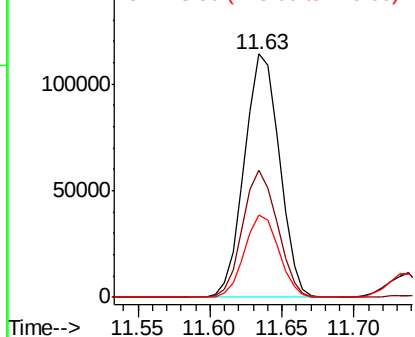
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 192939
Ion Ratio Lower Upper
117 100
82 52.3 47.9 71.9
119 33.7 27.1 40.7

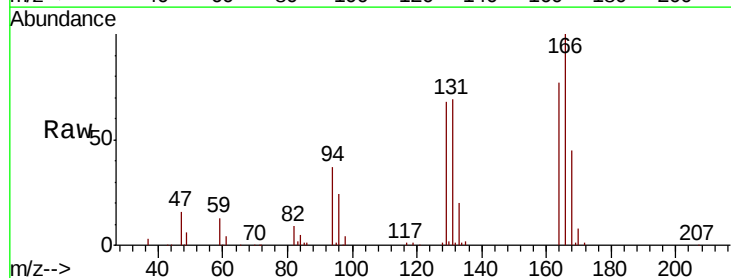


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

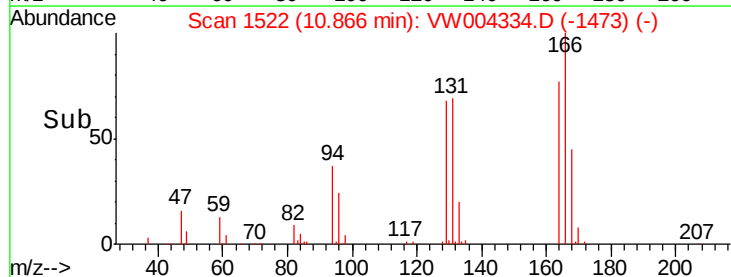
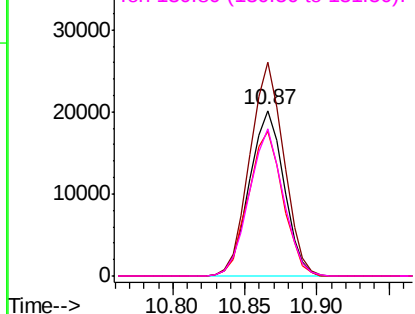


#64
Tetrachloroethene
Concen: 23.673 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:164 Resp: 33463
Ion Ratio Lower Upper
164 100
166 129.1 103.2 154.8
129 87.7 72.1 108.1
131 88.7 70.4 105.6



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

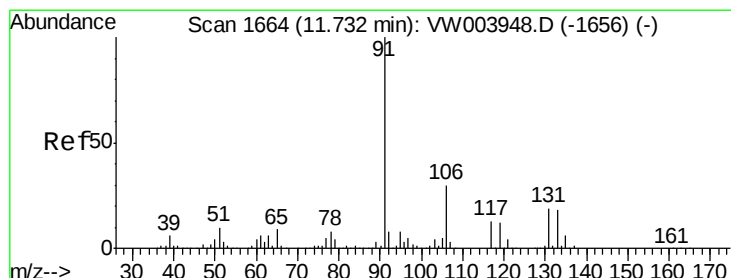
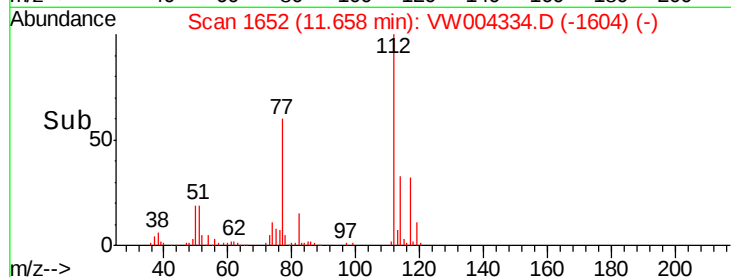
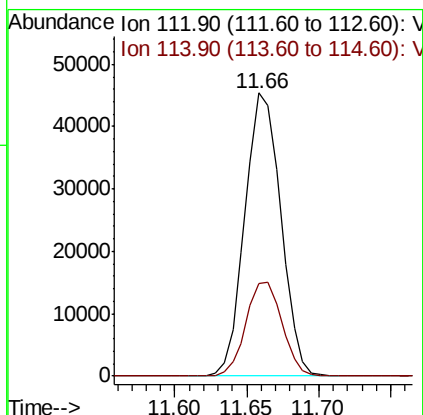
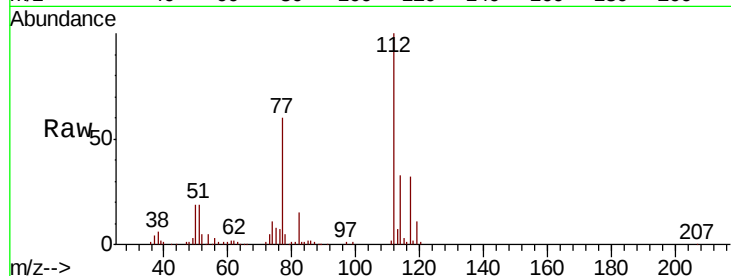




#65
Chlorobenzene
Concen: 19.395 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

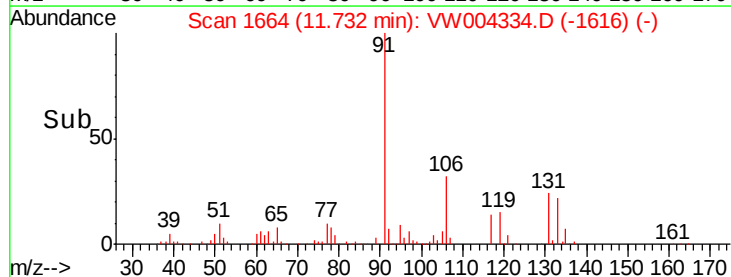
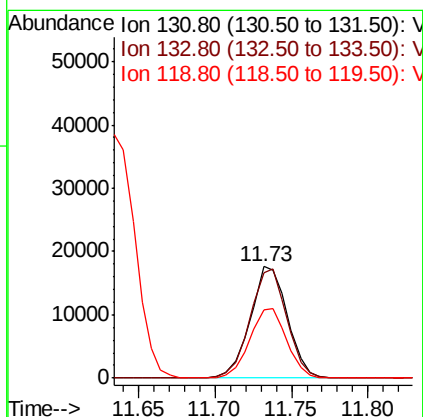
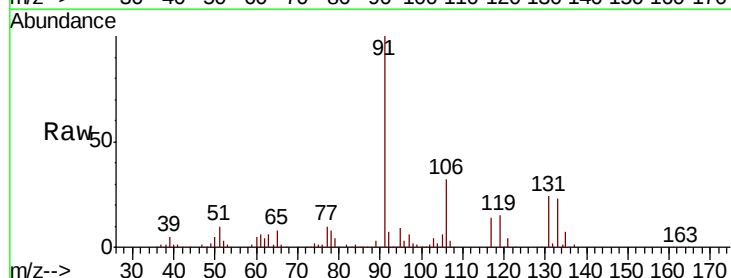
Instrument :
MSVOA_W
ClientSampled :

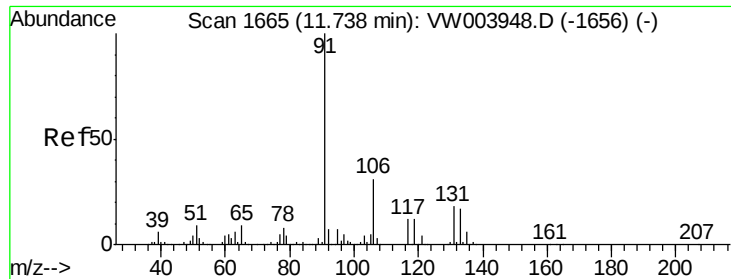
Tot Ion:112 Resp: 78592
Ion Ratio Lower Upper
112 100
114 32.8 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.776 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:131 Resp: 29693
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.9
119 62.2 33.1 99.5

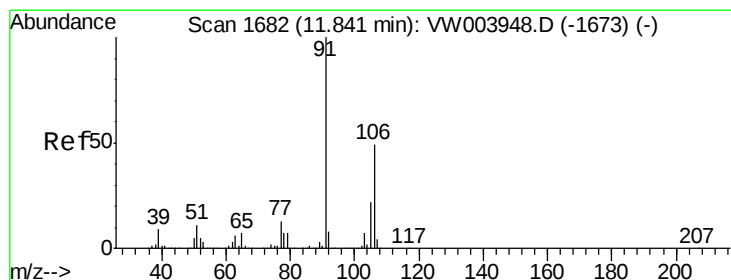
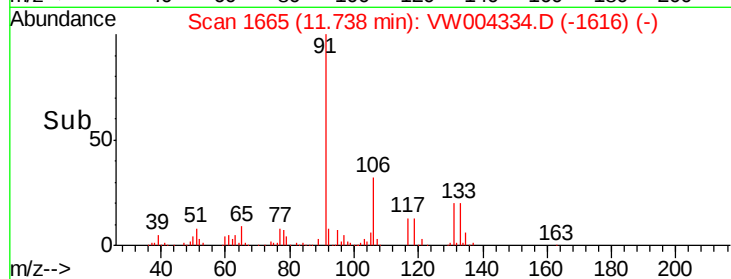
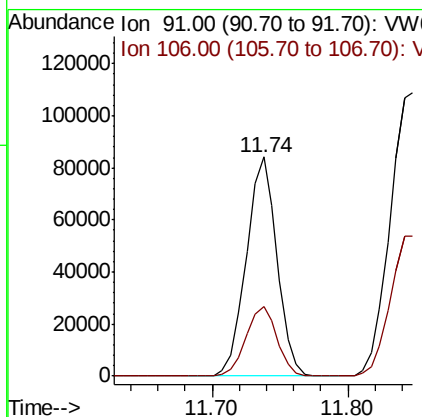
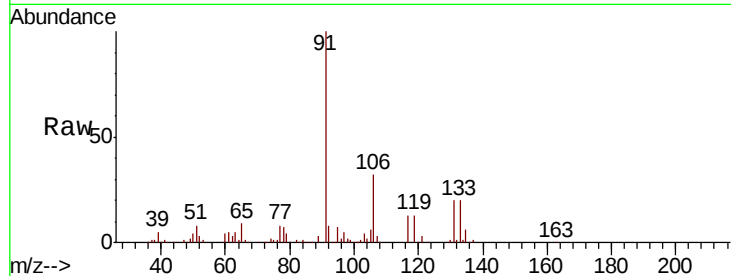




#67
Ethyl Benzene
Concen: 18.805 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

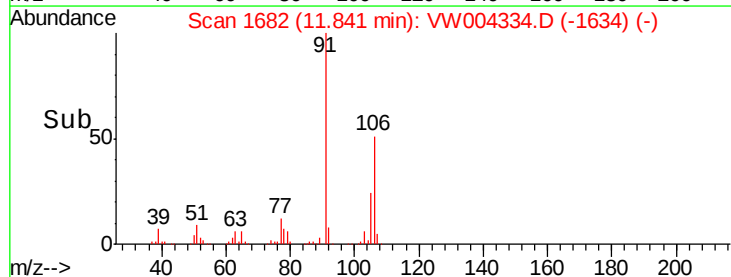
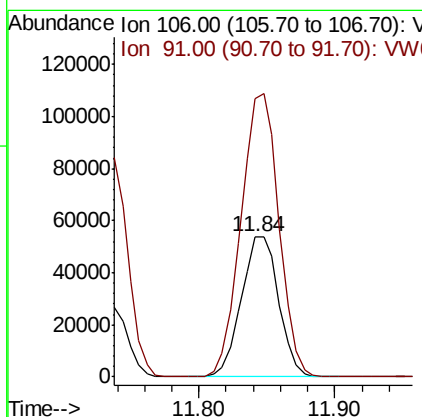
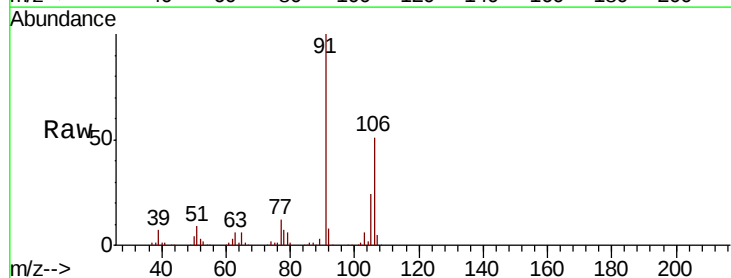
Instrument :
MSVOA_W
ClientSampled :

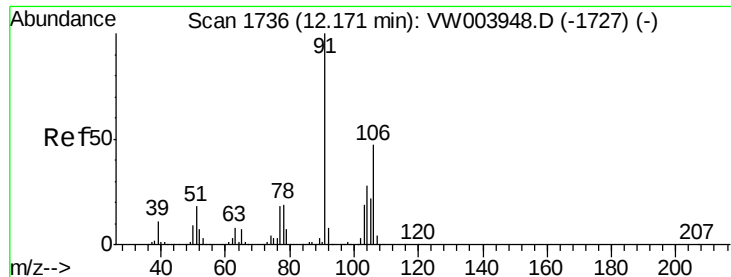
Tot Ion: 91 Resp: 132826
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1



#68
m/p-Xylenes
Concen: 38.075 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion: 106 Resp: 103489
Ion Ratio Lower Upper
106 100
91 204.5 162.2 243.2

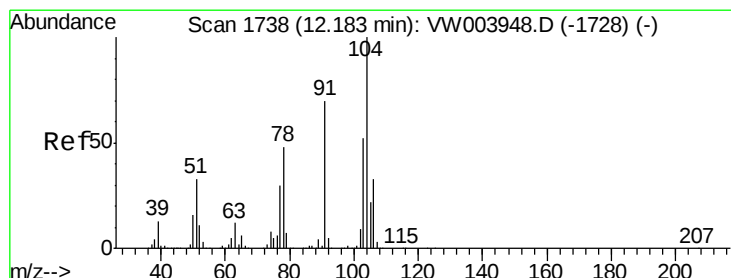
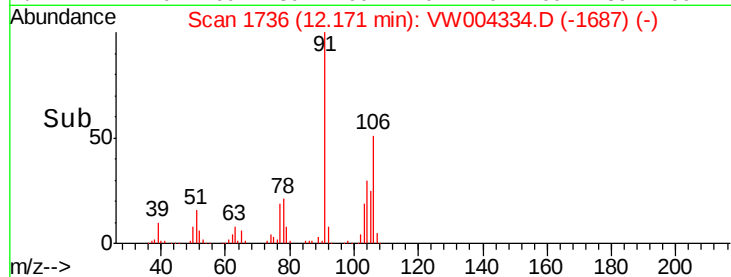
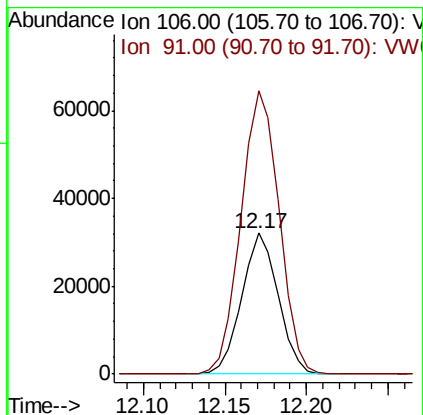
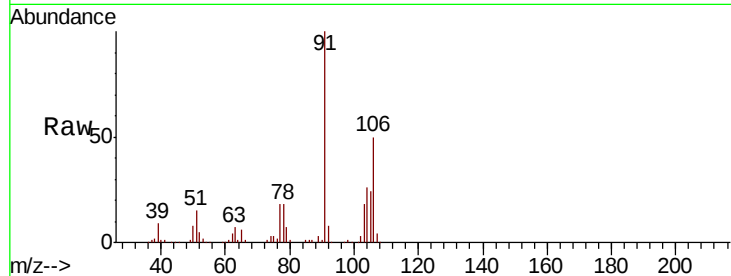




#69
o-Xylene
Concen: 19.911 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

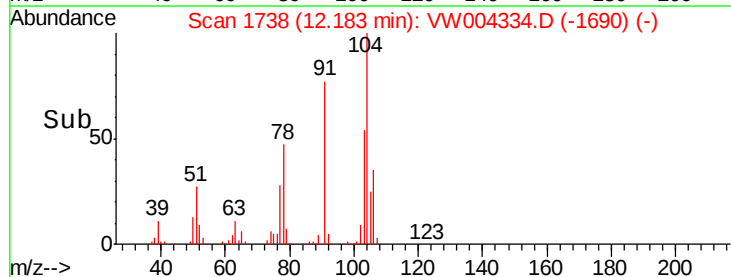
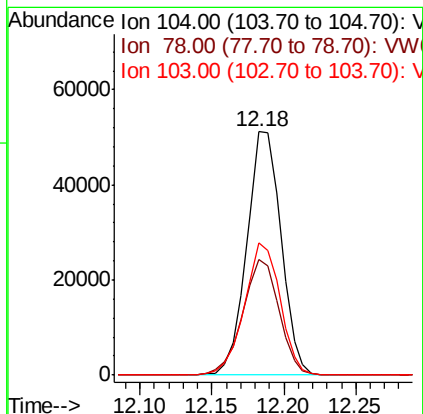
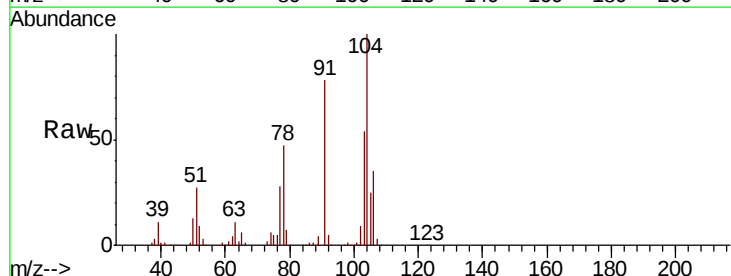
Instrument :
MSVOA_W
ClientSampled :

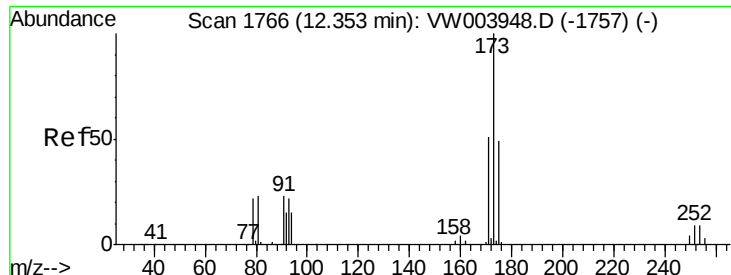
Tot Ion:106 Resp: 50004
Ion Ratio Lower Upper
106 100
91 210.9 108.7 326.1



#70
Styrene
Concen: 19.851 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:104 Resp: 84224
Ion Ratio Lower Upper
104 100
78 50.3 40.9 61.3
103 56.4 45.0 67.6

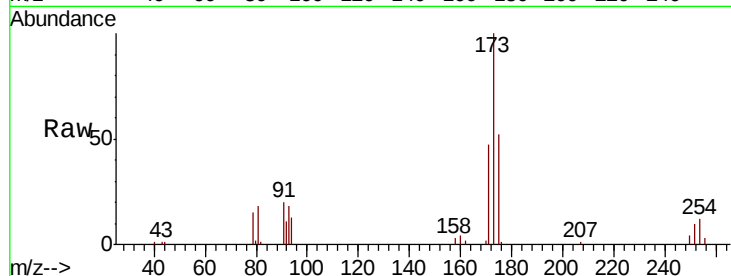




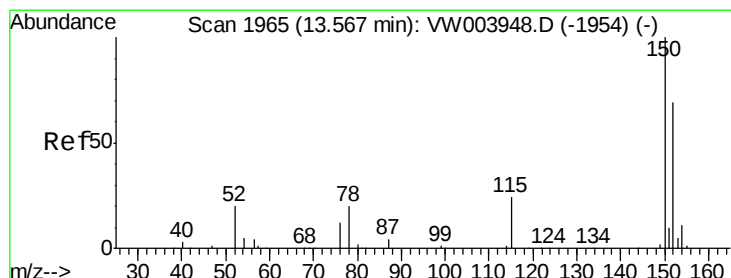
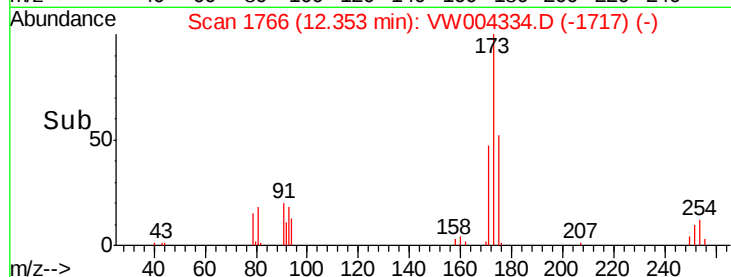
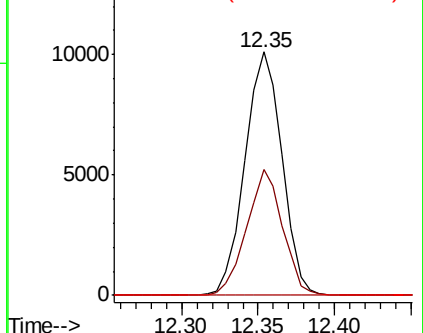
#71
Bromoform
Concen: 21.271 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 17037
Ion Ratio Lower Upper
173 100
175 50.1 24.5 73.5
254 0.0 0.2 0.2#

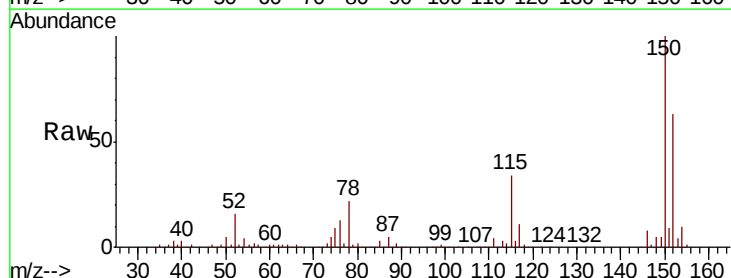


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

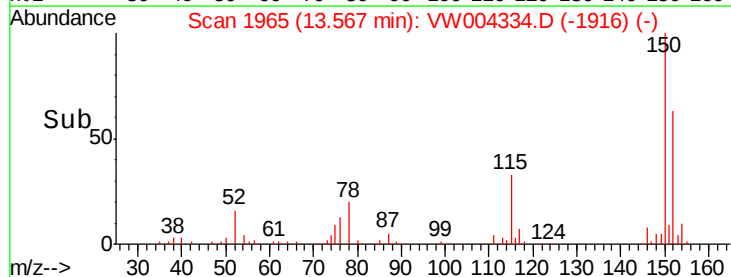
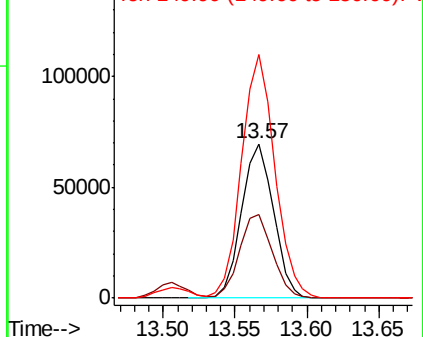


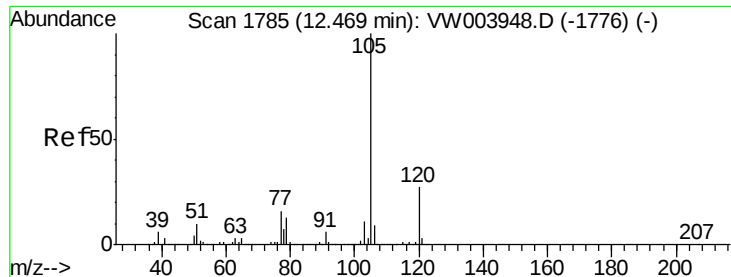
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:152 Resp: 107319
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.4
150 164.1 0.0 346.4



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





#73

Isopropylbenzene

Concen: 18.203 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

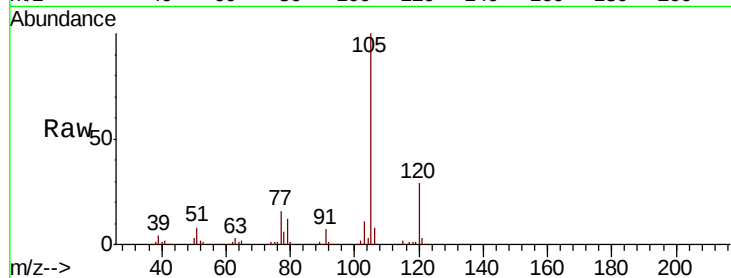
ClientSampleId :

Tot Ion:105 Resp: 135457

Ion Ratio Lower Upper

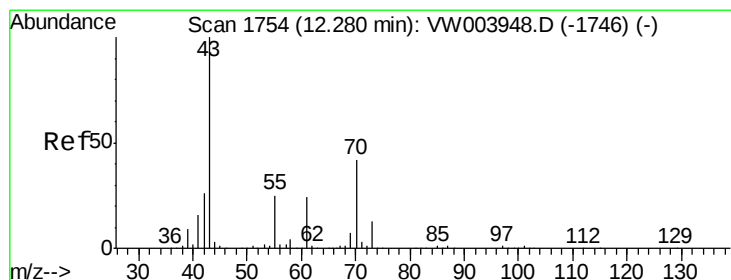
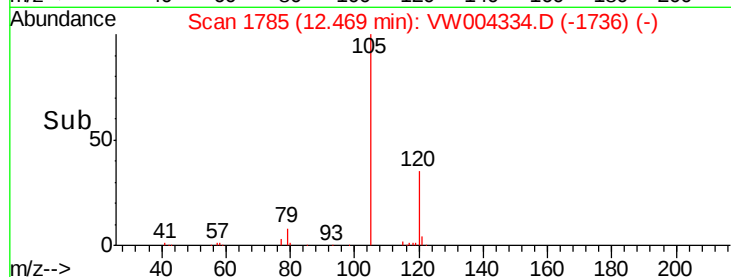
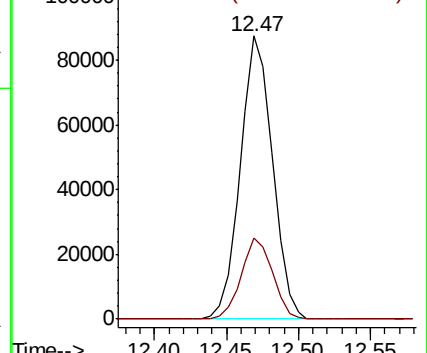
105 100

120 28.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.230 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Tgt Ion: 43 Resp: 24699

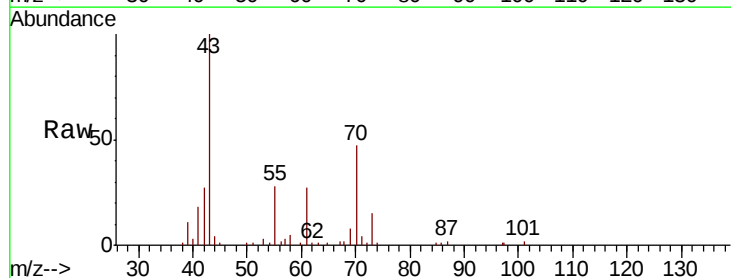
Ion Ratio Lower Upper

43 100

70 45.0 34.2 51.4

55 26.9 21.8 32.8

61 25.9 18.9 28.3

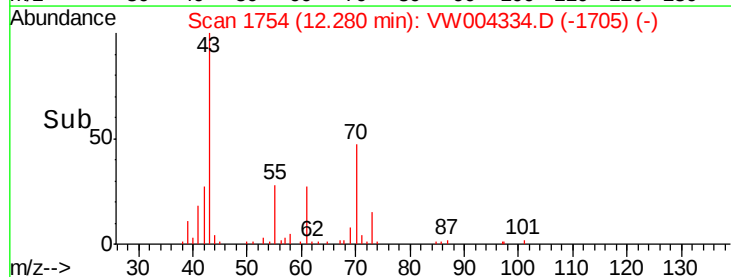
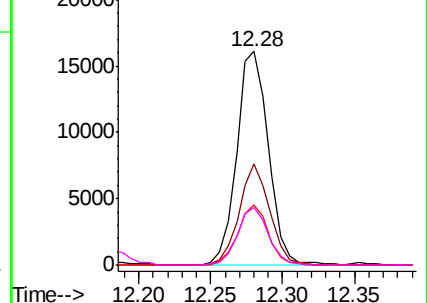


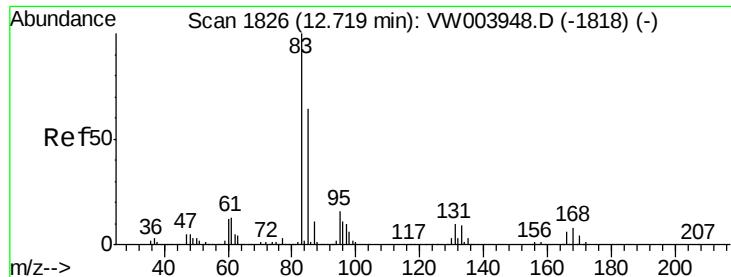
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 17.821 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

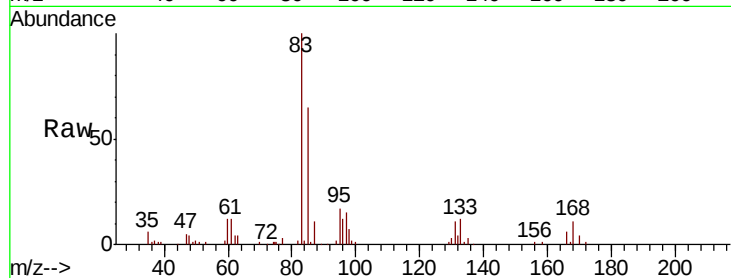
Tot Ion: 83 Resp: 23231

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.4

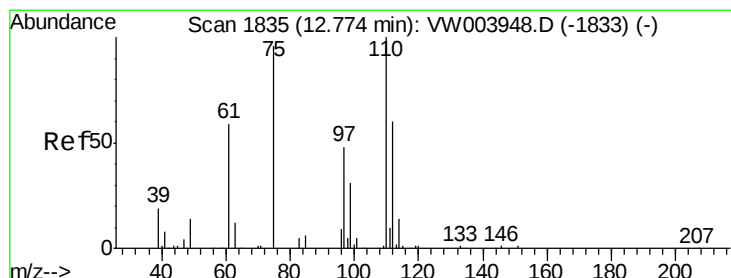
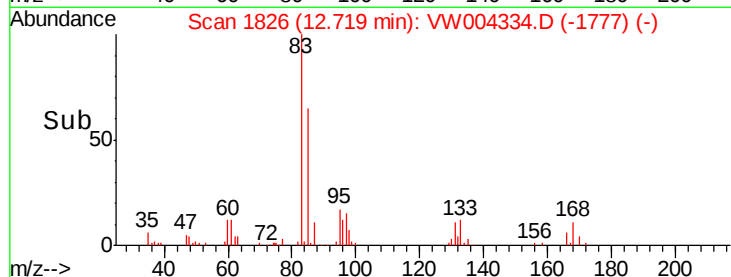
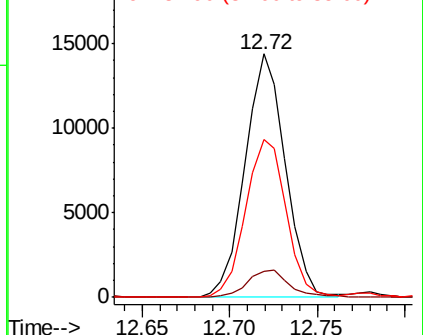
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 30.943 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004334.D

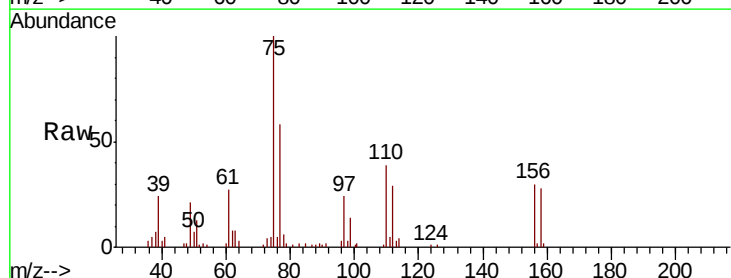
Acq: 30 Jul 2018 02:00

Tgt Ion: 75 Resp: 30307

Ion Ratio Lower Upper

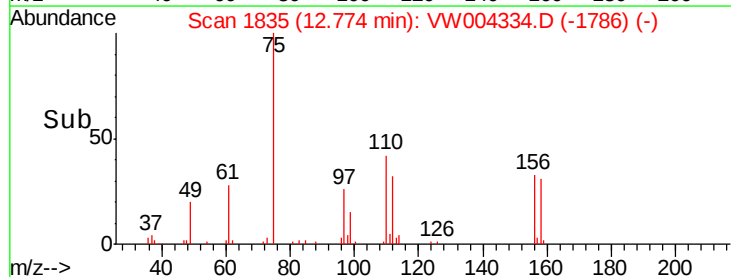
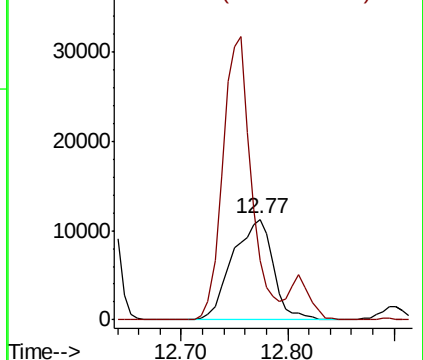
75 100

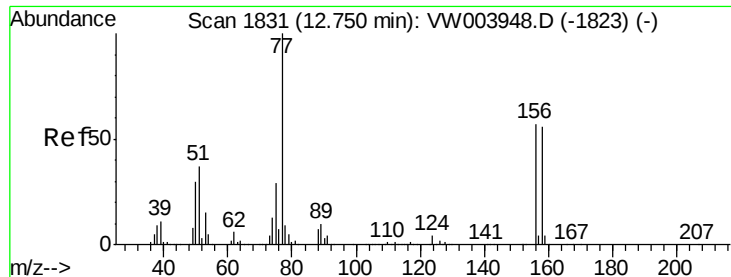
77 196.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.549 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

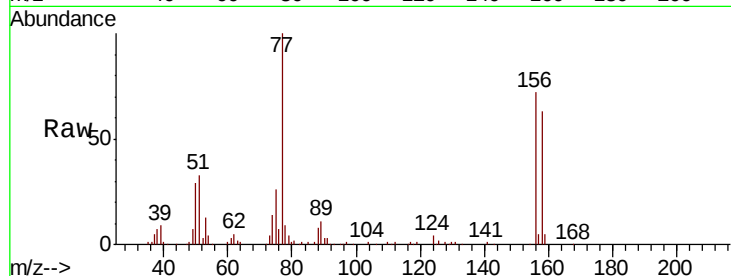
Tot Ion:156 Resp: 36948

Ion Ratio Lower Upper

156 100

77 160.9 92.9 278.7

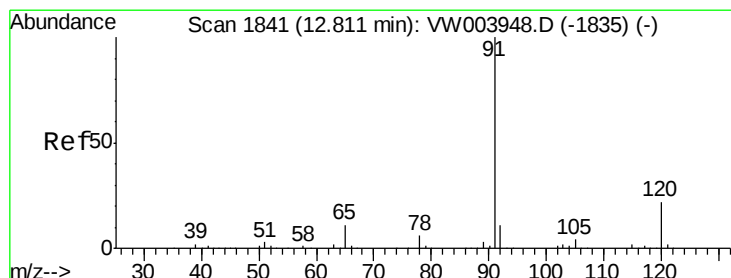
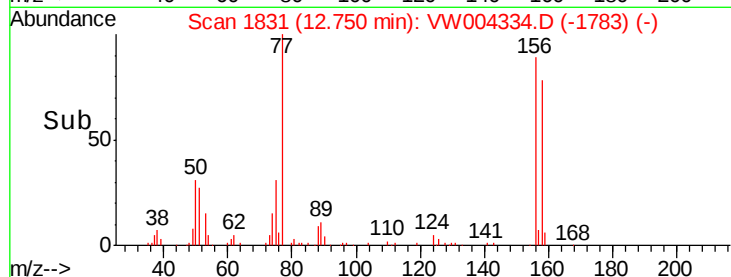
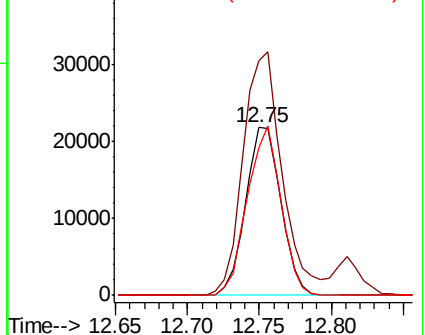
158 96.3 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.739 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004334.D

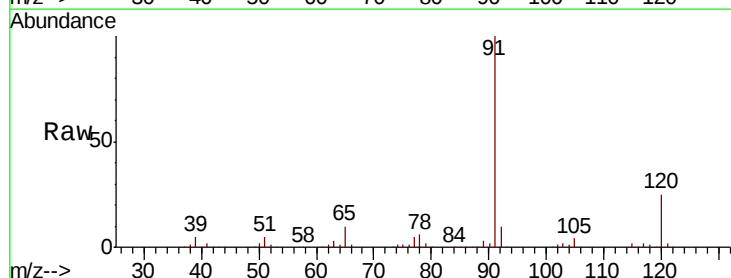
Acq: 30 Jul 2018 02:00

Tgt Ion: 91 Resp: 160808

Ion Ratio Lower Upper

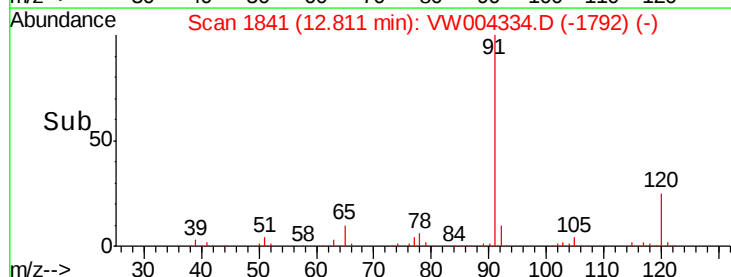
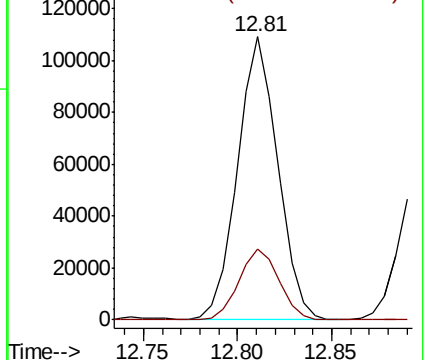
91 100

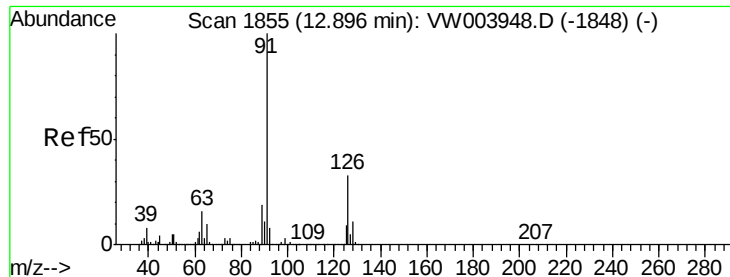
120 25.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.767 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

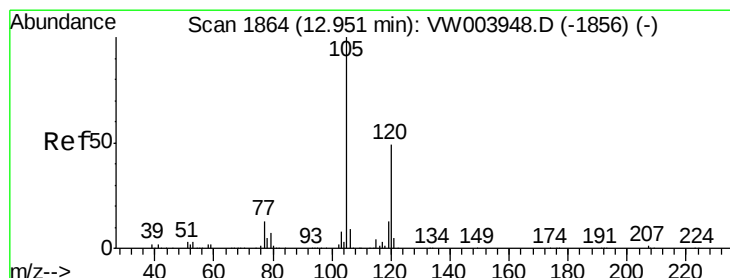
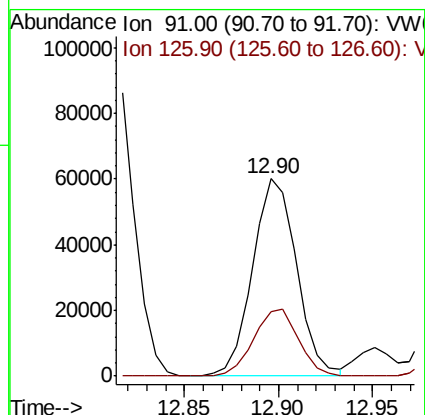
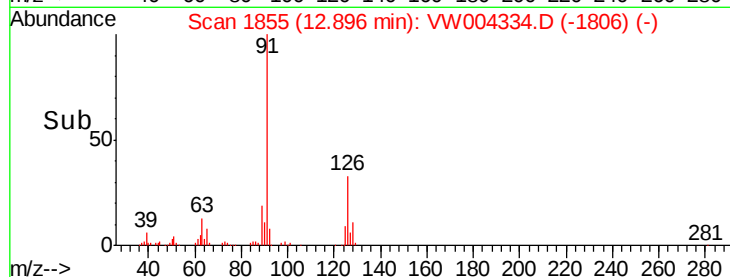
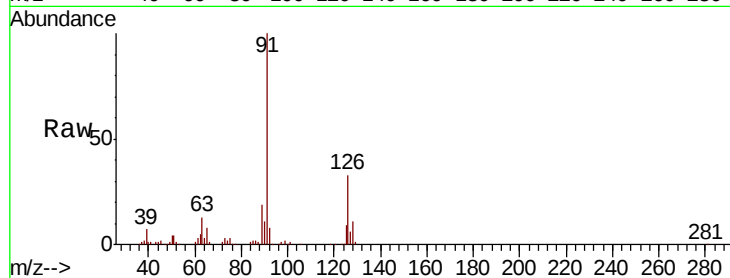
ClientSampleId :

Tot Ion: 91 Resp: 97310

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.419 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004334.D

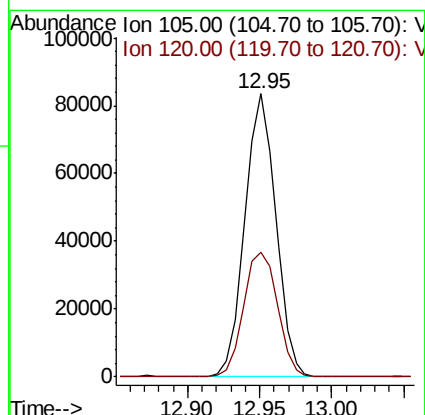
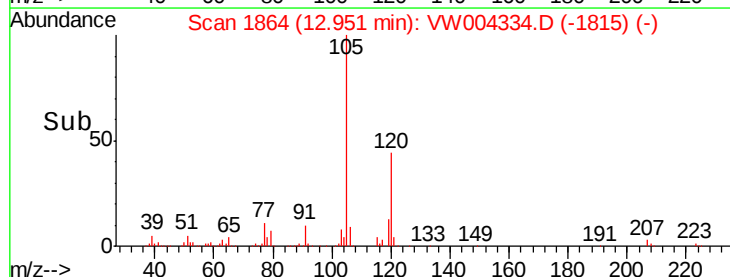
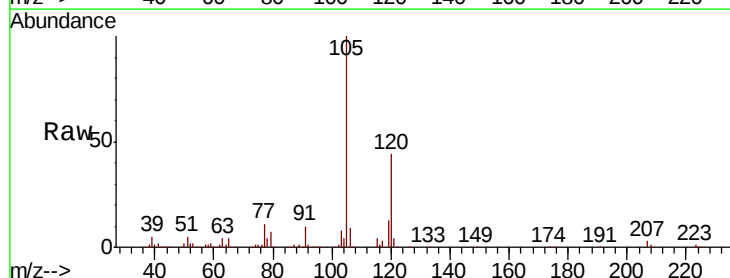
Acq: 30 Jul 2018 02:00

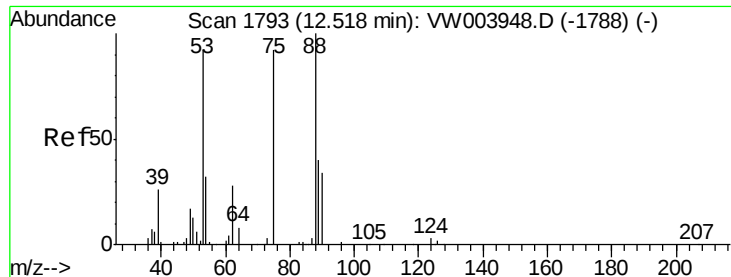
Tgt Ion:105 Resp: 124485

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.169 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

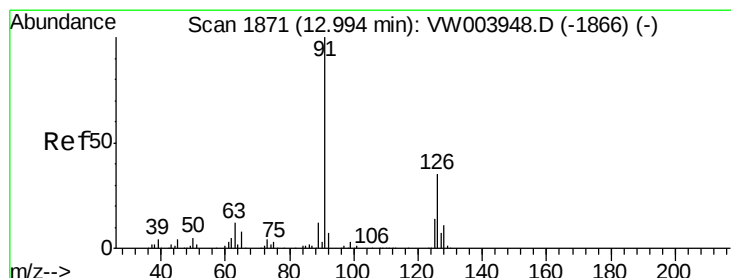
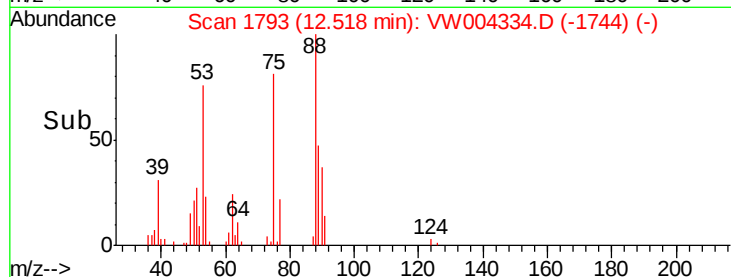
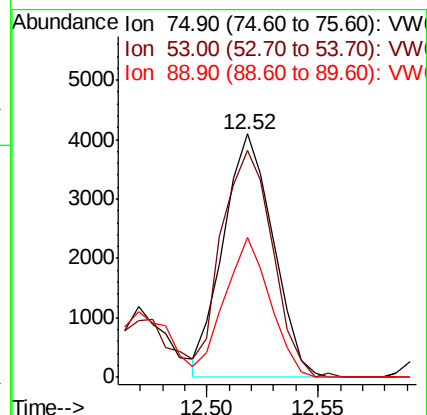
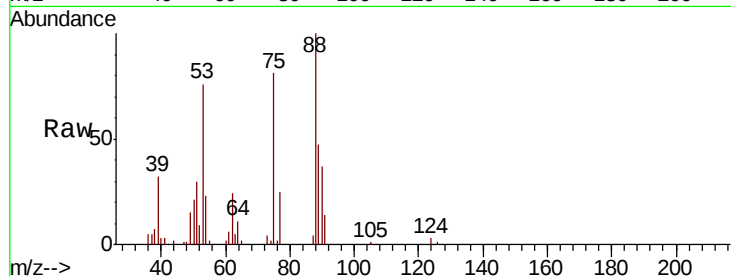
Tot Ion: 75 Resp: 6385

Ion Ratio Lower Upper

75 100

53 95.2 77.6 116.4

89 52.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 18.287 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004334.D

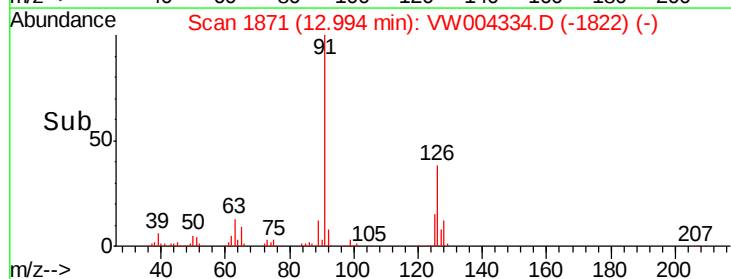
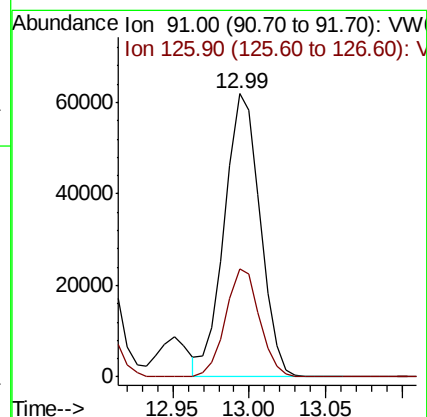
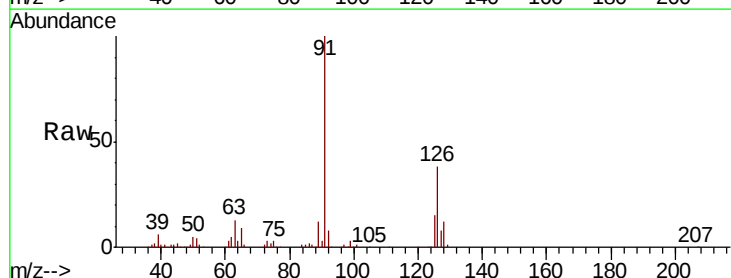
Acq: 30 Jul 2018 02:00

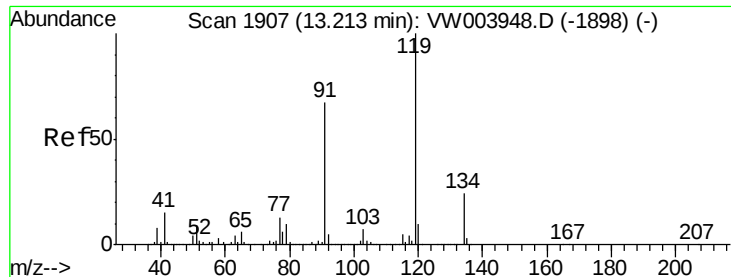
Tgt Ion: 91 Resp: 100333

Ion Ratio Lower Upper

91 100

126 36.0 17.4 52.3

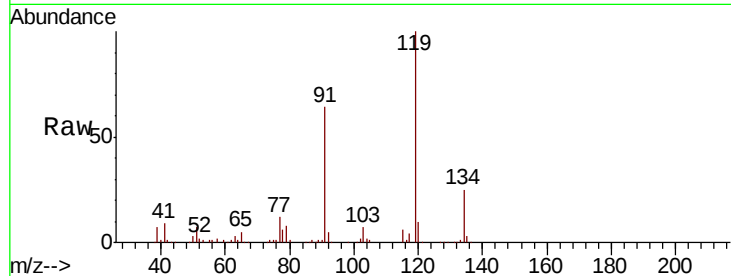




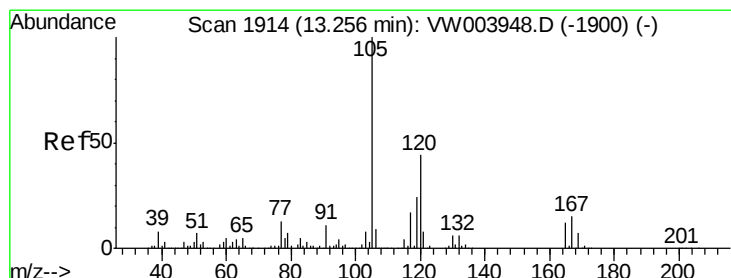
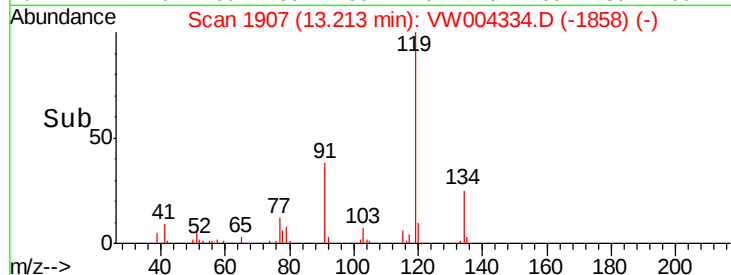
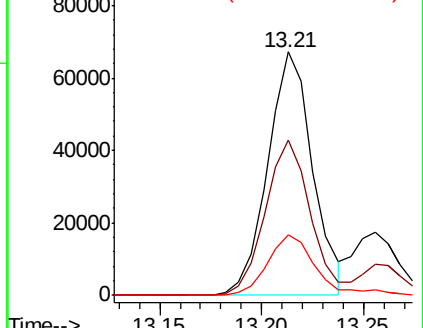
#83
tert-Butylbenzene
Concen: 19.323 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 103196
Ion Ratio Lower Upper
119 100
91 64.7 32.8 98.3
134 26.8 12.2 36.6

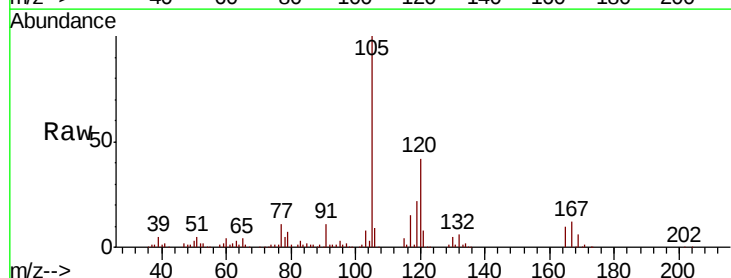


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

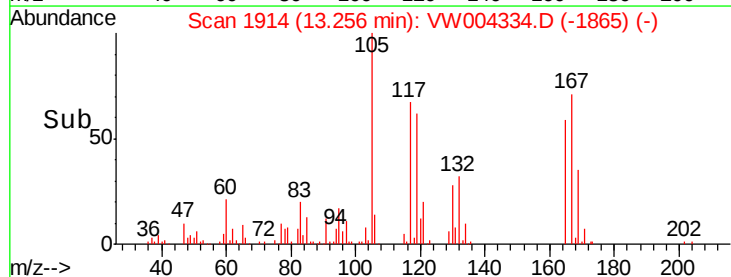
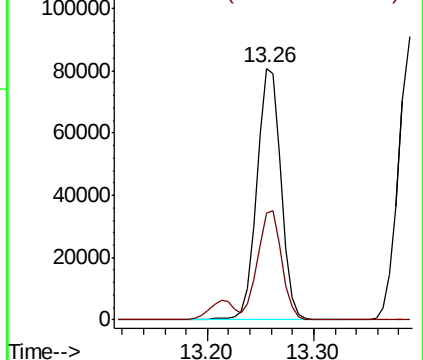


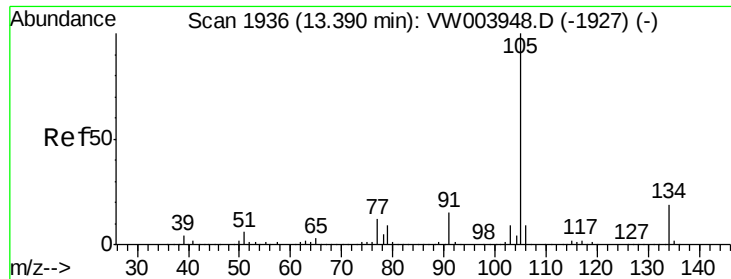
#84
1,2,4-Trimethylbenzene
Concen: 19.595 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:105 Resp: 128111
Ion Ratio Lower Upper
105 100
120 43.4 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

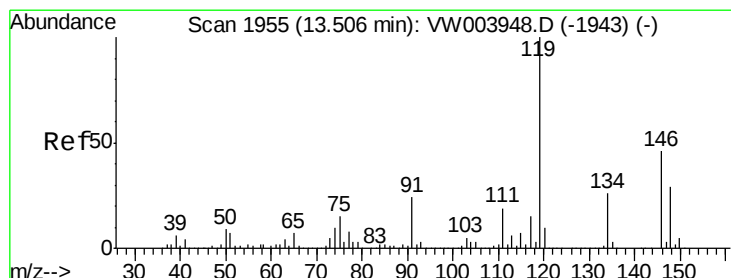
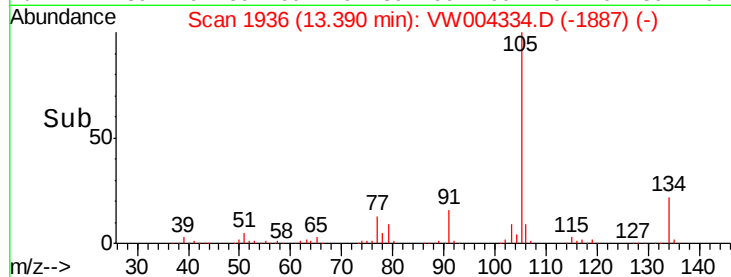
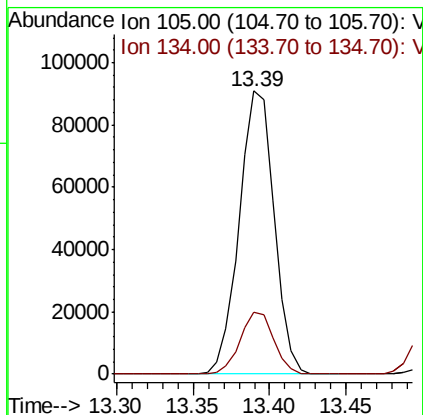
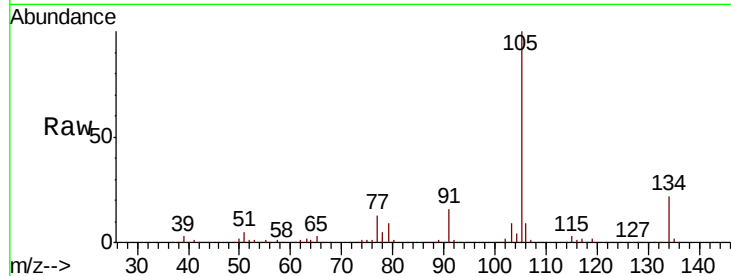




#85
 sec-Butylbenzene
 Concen: 18.465 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

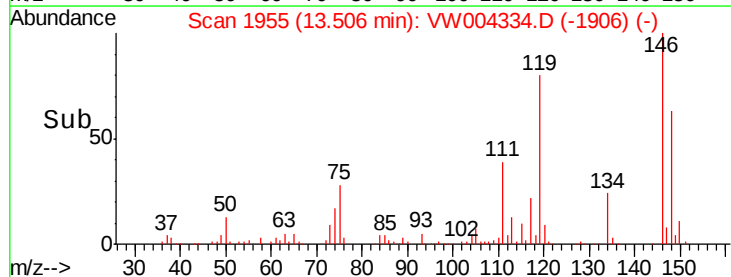
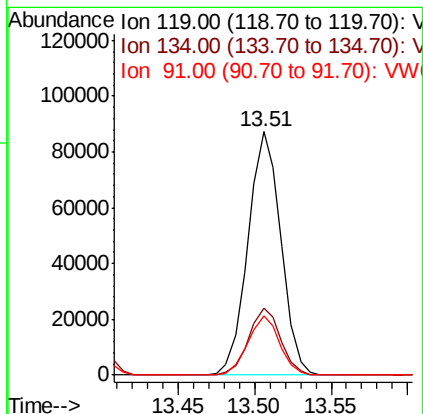
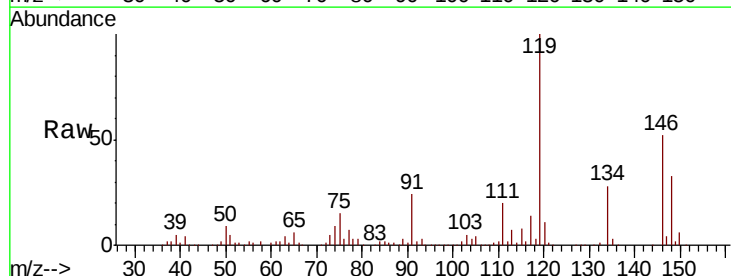
Instrument :
 MSVOA_W
 ClientSampleId :

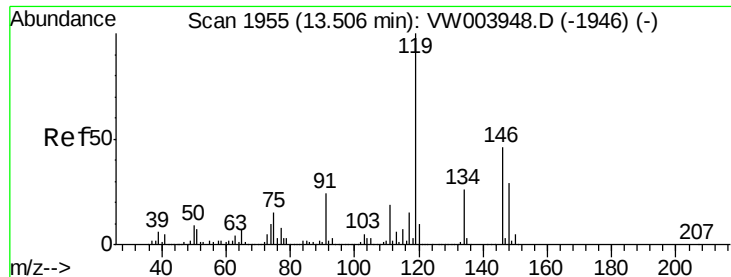
Tot Ion:105 Resp: 144044
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 18.603 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion:119 Resp: 130340
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 23.5 11.3 33.9

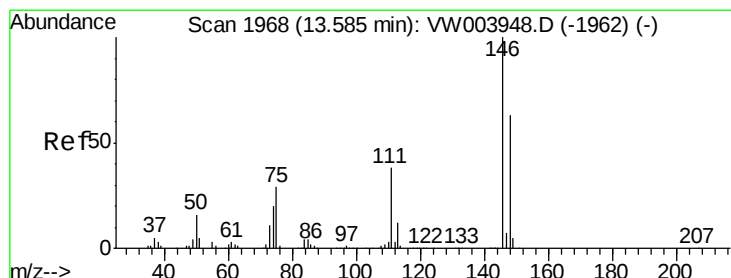
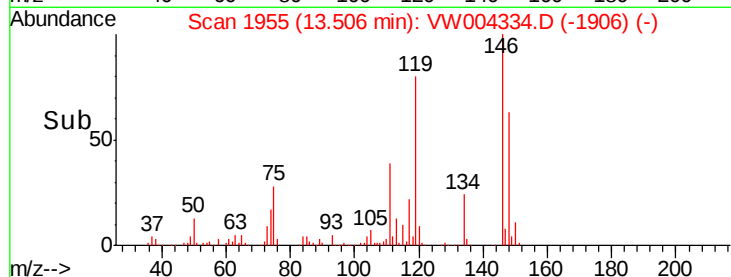
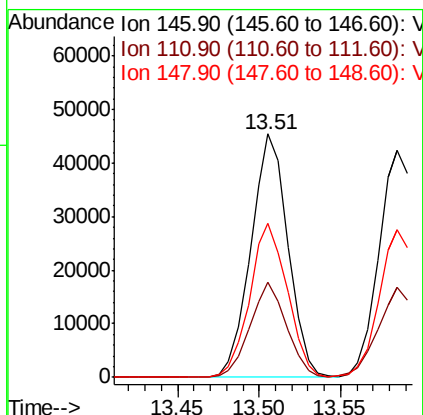
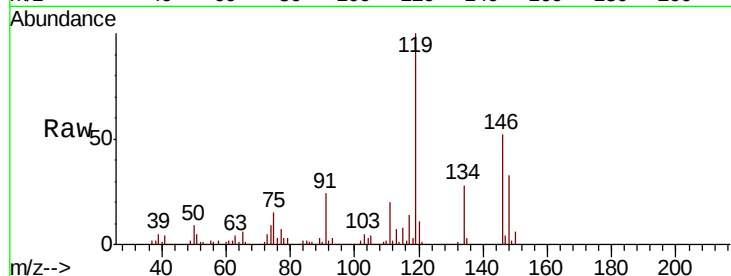




#87
 1,3-Dichlorobenzene
 Concen: 19.894 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

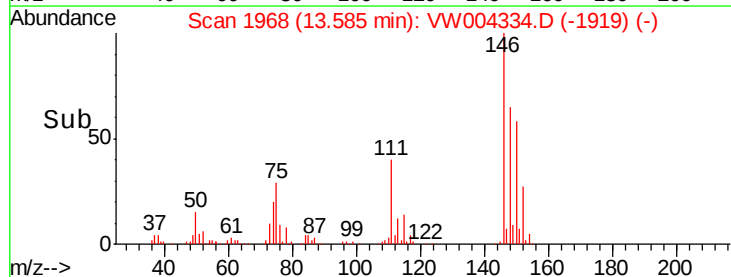
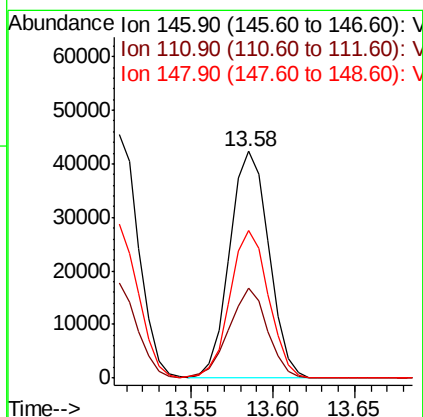
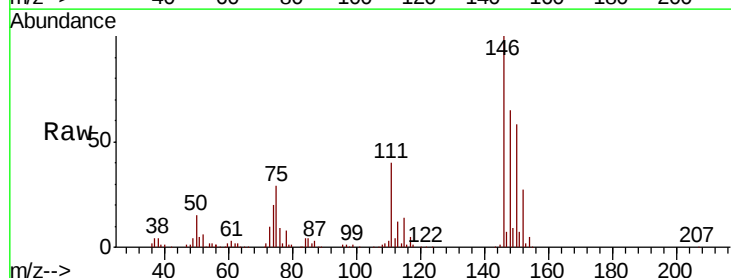
Instrument :
 MSVOA_W
 ClientSampleId :

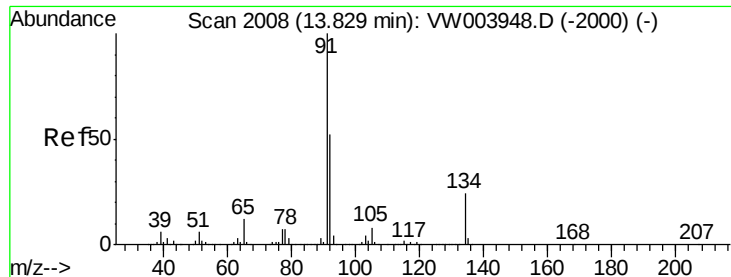
Tot Ion:146 Resp: 71598
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.9 59.6
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.762 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion:146 Resp: 70958
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 63.9 32.8 98.3





#89

n-Butylbenzene

Concen: 17.016 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

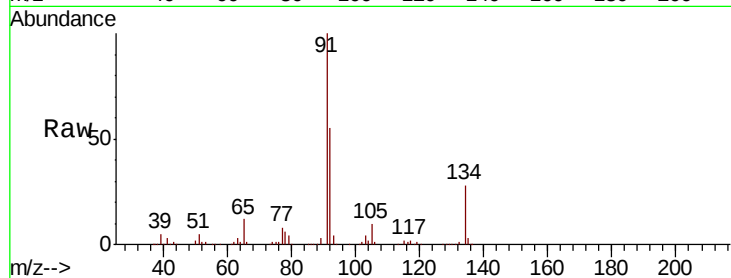
Tot Ion: 91 Resp: 111327

Ion Ratio Lower Upper

91 100

92 54.0 26.4 79.2

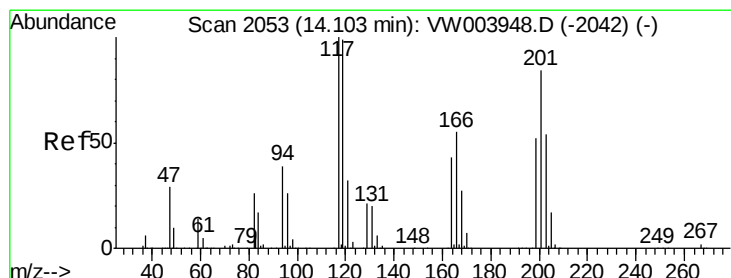
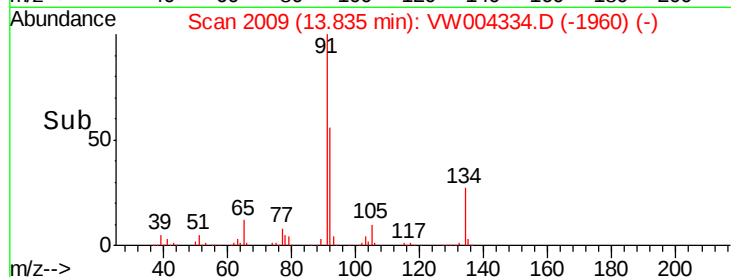
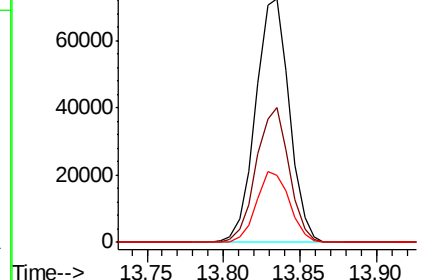
134 28.4 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.515 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004334.D

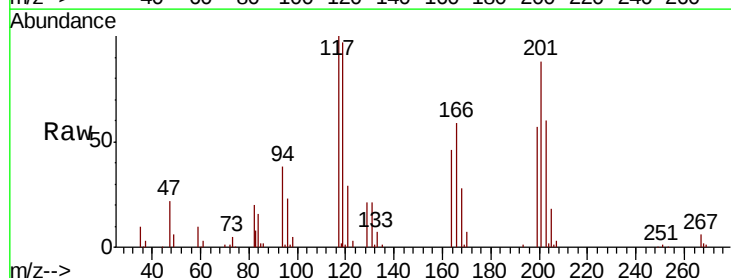
Acq: 30 Jul 2018 02:00

Tgt Ion: 117 Resp: 23137

Ion Ratio Lower Upper

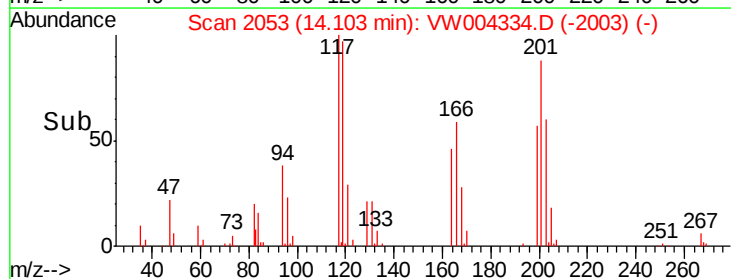
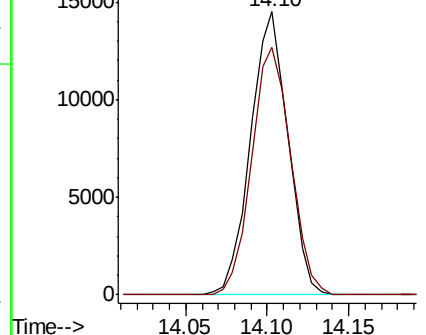
117 100

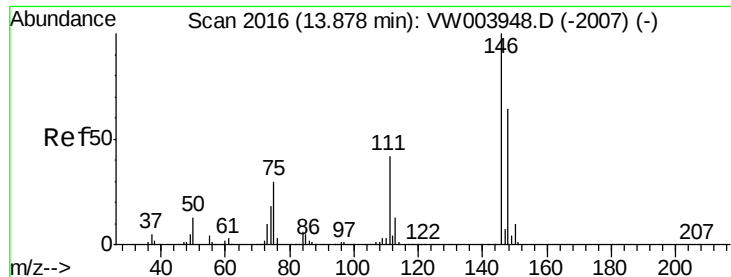
201 91.2 41.5 124.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.165 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

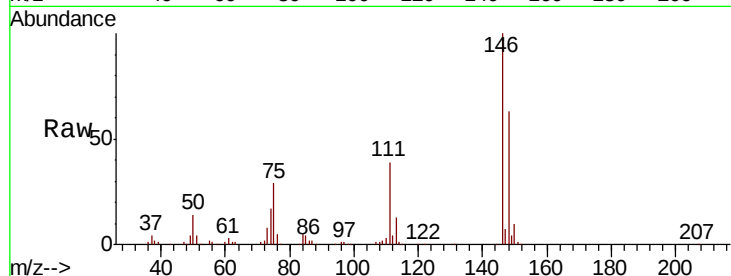
Tot Ion:146 Resp: 64960

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

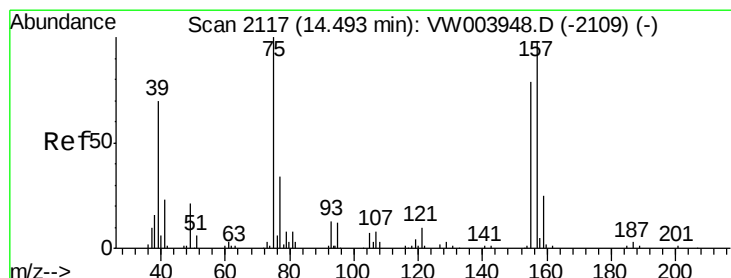
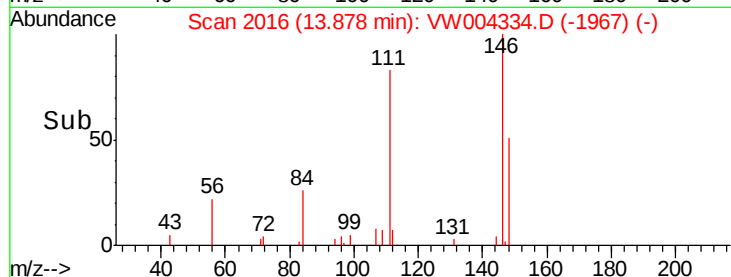
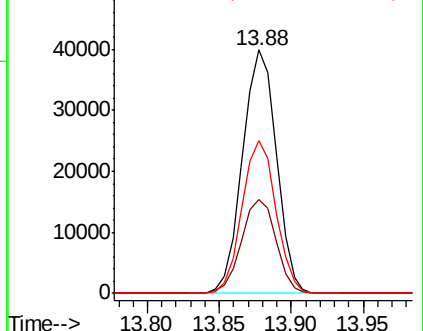
148 62.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.229 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004334.D

Acq: 30 Jul 2018 02:00

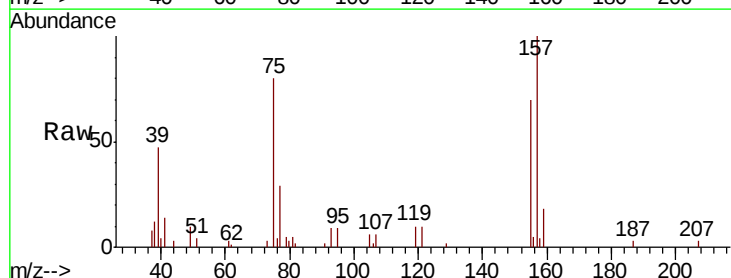
Tgt Ion: 75 Resp: 4603

Ion Ratio Lower Upper

75 100

155 91.0 41.4 124.4

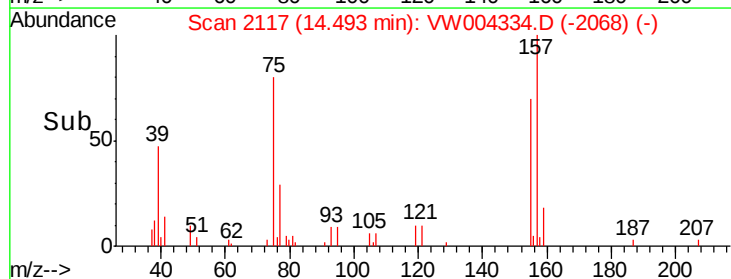
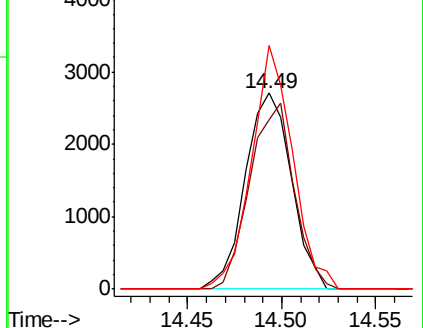
157 110.8 55.2 165.6

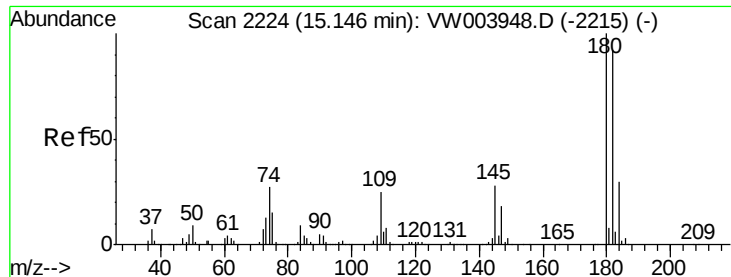


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

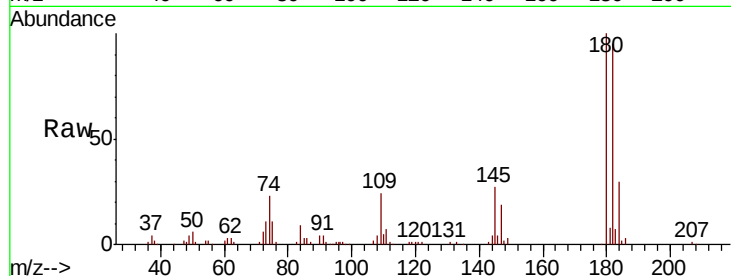




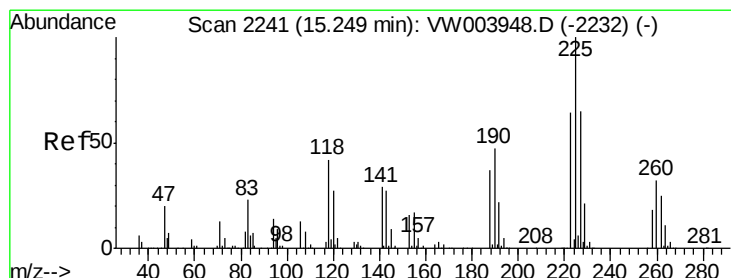
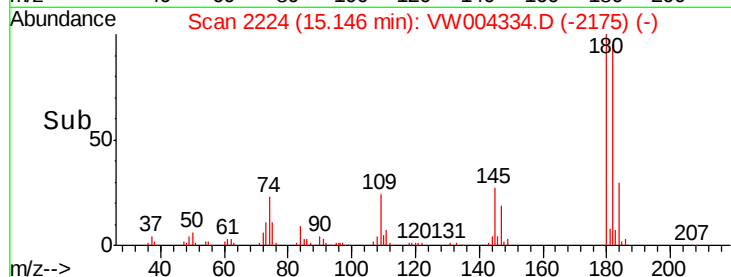
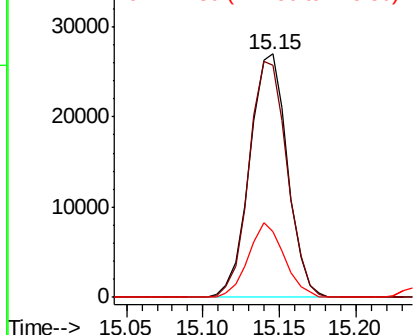
#93
 1,2,4-Trichlorobenzene
 Concen: 20.496 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 46360
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.3 141.8
 145 29.2 14.8 44.4

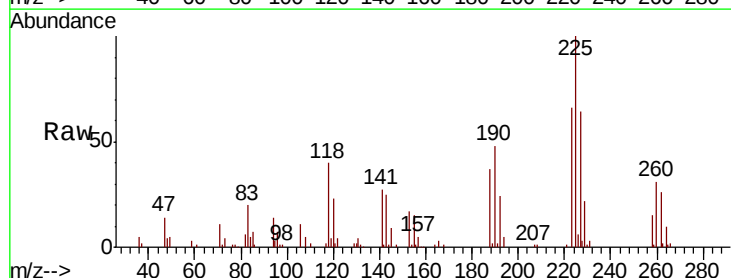


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

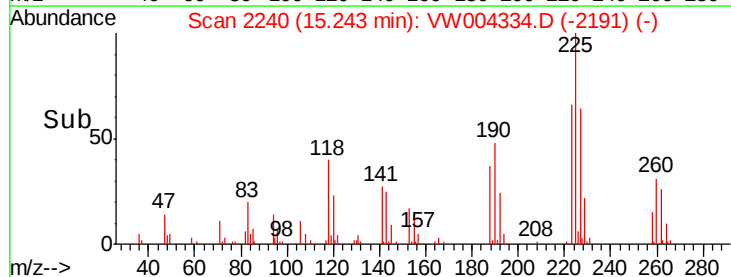
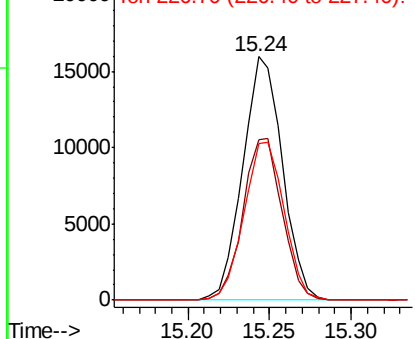


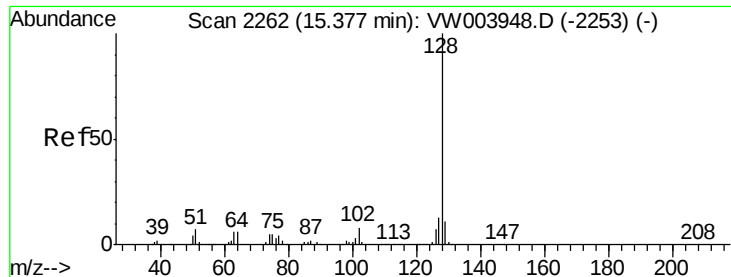
#94
 Hexachlorobutadiene
 Concen: 19.570 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW004334.D
 Acq: 30 Jul 2018 02:00

Tgt Ion:225 Resp: 27044
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.0 93.0
 227 65.8 32.6 97.7



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

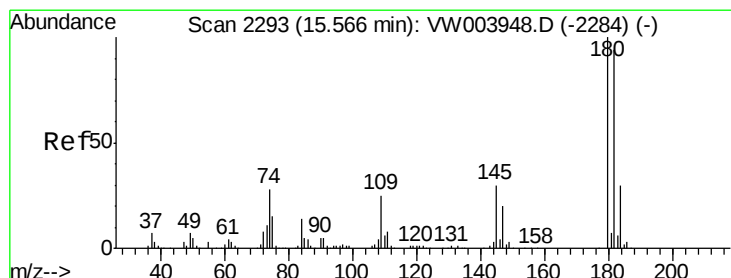
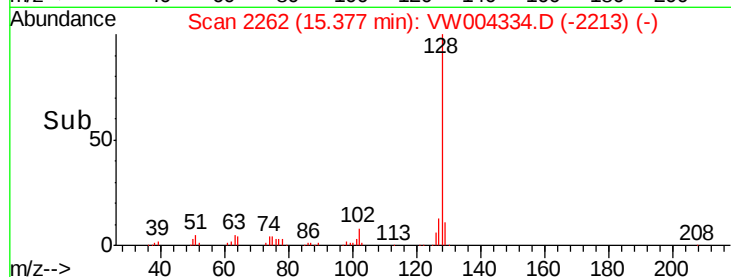
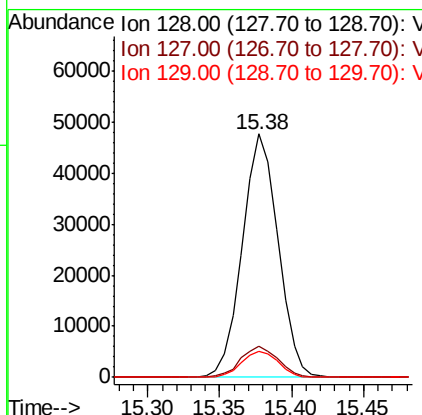
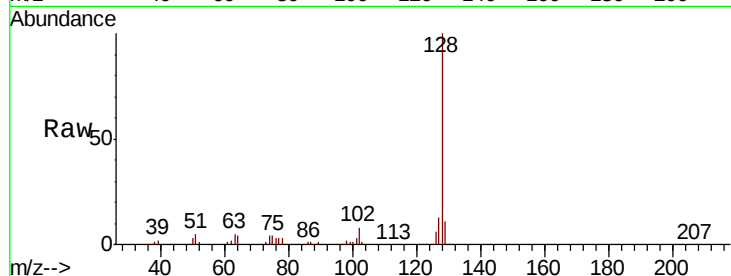




#95
Naphthalene
Concen: 21.131 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 82230
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.860 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004334.D
Acq: 30 Jul 2018 02:00

Tgt Ion:180 Resp: 43266
Ion Ratio Lower Upper
180 100
182 91.9 48.0 144.0
145 30.8 16.2 48.5

