

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005950.D
 Acq On : 09 Oct 2018 21:04
 Operator : SY/AP
 Sample : VW1009SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Quant Time: Oct 10 01:10:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173067	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	110415	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	7.88	113	112364	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
50) Toluene-d8	10.33	98	423454	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	155015	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	21315	19.018	ug/l	91
3) Chloromethane	2.21	50	25693	19.489	ug/l	99
4) Vinyl Chloride	2.37	62	43427	20.749	ug/l	99
5) Bromomethane	2.78	94	37502	22.704	ug/l	100
6) Chloroethane	2.93	64	29289	21.965	ug/l	94
7) Trichlorofluoromethane	3.25	101	32452	19.533	ug/l	95
8) Diethyl Ether	3.67	74	22101	21.615	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39830	18.997	ug/l	99
10) Methyl Iodide	4.26	142	66264	19.325	ug/l	100
11) Tert butyl alcohol	5.18	59	19505	119.869	ug/l	100
12) 1,1-Dichloroethene	4.04	96	38710	19.227	ug/l	96
13) Acrolein	3.89	56	13628	93.982	ug/l	93
14) Allyl chloride	4.66	41	57049	16.616	ug/l	95
15) Acrylonitrile	5.37	53	45038	101.215	ug/l	99
16) Acetone	4.12	43	44551	100.457	ug/l	99
17) Carbon Disulfide	4.37	76	103027	16.926	ug/l	99
18) Methyl Acetate	4.67	43	20657	18.458	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63384	20.236	ug/l	98
20) Methylene Chloride	4.92	84	47486	21.372	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	42784	19.497	ug/l	93
22) Diisopropyl ether	6.31	45	120469	18.769	ug/l	99
23) Vinyl Acetate	6.26	43	365880	92.618	ug/l	97
24) 1,1-Dichloroethane	6.22	63	74341	18.927	ug/l	99
25) 2-Butanone	7.18	43	63860	101.240	ug/l	99
26) 2,2-Dichloropropane	7.17	77	49048	17.743	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49774	20.057	ug/l	96
28) Bromochloromethane	7.51	49	30031	20.714	ug/l	94
29) Tetrahydrofuran	7.53	42	39105	98.071	ug/l	96
30) Chloroform	7.68	83	80777	20.022	ug/l	100
31) Cyclohexane	7.95	56	68065	17.511	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68409	19.040	ug/l	99
36) 1,1-Dichloropropene	8.09	75	61037	18.779	ug/l	99
37) Ethyl Acetate	7.26	43	27575	20.034	ug/l	99
38) Carbon Tetrachloride	8.07	117	65853	18.858	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77007	17.963	ug/l	99
40) Benzene	8.32	78	171681	19.299	ug/l	99
41) Methacrylonitrile	7.49	41	16774	19.466	ug/l	97
42) 1,2-Dichloroethane	8.40	62	51690	19.233	ug/l	98
43) Isopropyl Acetate	8.43	43	53764	18.699	ug/l	98
44) Trichloroethene	9.09	130	51344	19.893	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42178	18.942	ug/l	99
46) Dibromomethane	9.46	93	24446	19.975	ug/l	97
47) Bromodichloromethane	9.65	83	58720	19.067	ug/l	97
48) Methyl methacrylate	9.44	41	25117	18.338	ug/l	92
49) 1,4-Dioxane	9.45	88	8845	475.811	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	138656	99.033	ug/l	98
52) Toluene	10.39	92	113718	19.459	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56924	17.687	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	66249	18.312	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	34776	20.516	ug/l	100
56) Ethyl methacrylate	10.65	69	44176	19.336	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56495	19.811	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88591	95.300	ug/l	99
59) 2-Hexanone	10.97	43	96847	96.471	ug/l	97
60) Dibromochloromethane	11.13	129	42276	19.327	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34739	20.509	ug/l	99
64) Tetrachloroethene	10.87	164	47162	20.393	ug/l	100
65) Chlorobenzene	11.66	112	132698	19.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47536	19.501	ug/l	99
67) Ethyl Benzene	11.74	91	229148	19.508	ug/l	99
68) m/p-Xylenes	11.84	106	179006	38.995	ug/l	98
69) o-Xylene	12.17	106	86239	19.623	ug/l	99
70) Styrene	12.18	104	142841	19.590	ug/l	99
71) Bromoform	12.35	173	26843	18.487	ug/l #	99
73) Isopropylbenzene	12.47	105	239235	18.928	ug/l	100
74) N-amyl acetate	12.27	43	55065	18.344	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	41672	20.115	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52934	34.240	ug/l #	100
77) Bromobenzene	12.75	156	59983	20.031	ug/l	95
78) n-propylbenzene	12.81	91	279655	18.809	ug/l	100
79) 2-Chlorotoluene	12.90	91	158503	18.885	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	202892	19.014	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11309	15.443	ug/l	93
82) 4-Chlorotoluene	12.99	91	168414	19.072	ug/l	98
83) tert-Butylbenzene	13.21	119	182407	19.219	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	208478	19.368	ug/l	99
85) sec-Butylbenzene	13.39	105	258570	19.409	ug/l	100
86) p-Isopropyltoluene	13.51	119	230368	19.229	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120486	20.253	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	118997	20.129	ug/l	100
89) n-Butylbenzene	13.83	91	213424	18.899	ug/l	99
90) Hexachloroethane	14.10	117	39642	17.593	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108840	20.607	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7140	18.494	ug/l	93

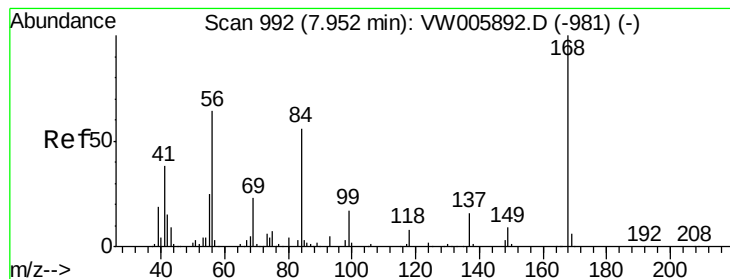
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82399	20.120	ug/l	100
94) Hexachlorobutadiene	15.24	225	48616	19.018	ug/l	99
95) Naphthalene	15.38	128	145506	20.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72504	20.446	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

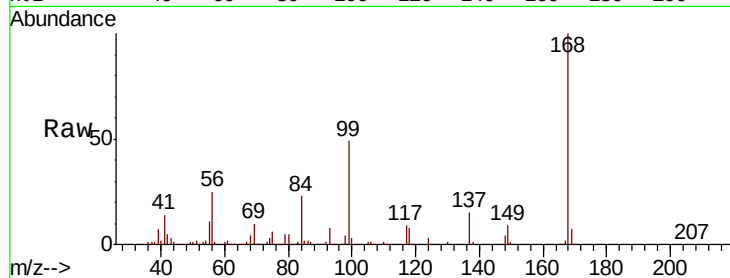
VW1010SBS01

Tgt Ion:168 Resp: 228711

Ion Ratio Lower Upper

168 100

99 49.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

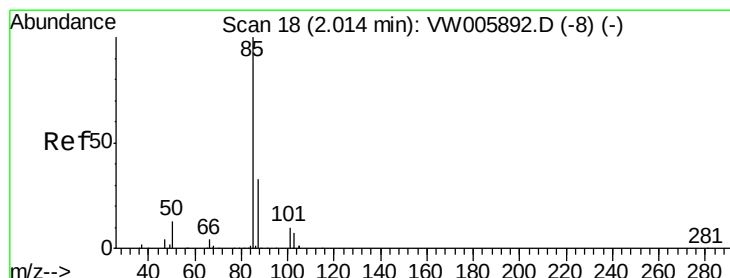
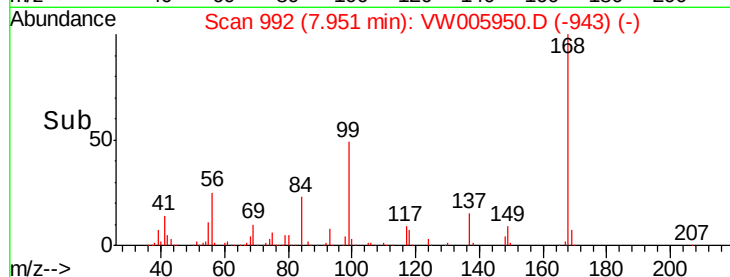
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.018 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005950.D

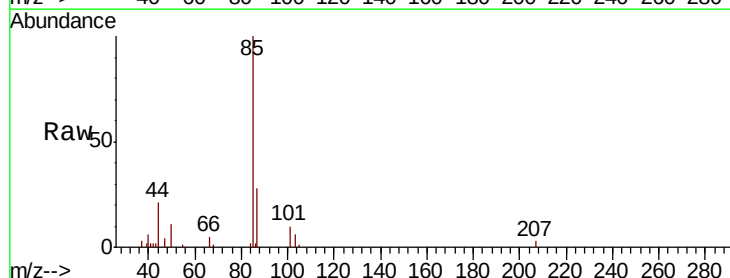
Acq: 09 Oct 2018 21:04

Tgt Ion: 85 Resp: 21315

Ion Ratio Lower Upper

85 100

87 27.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

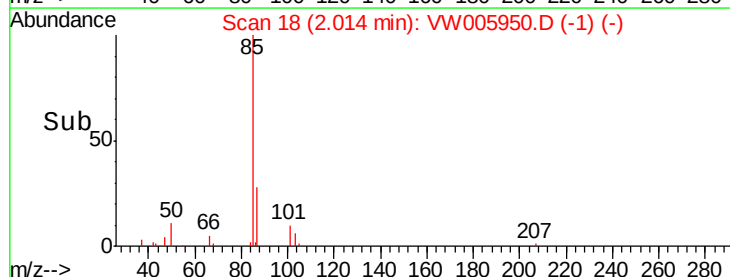
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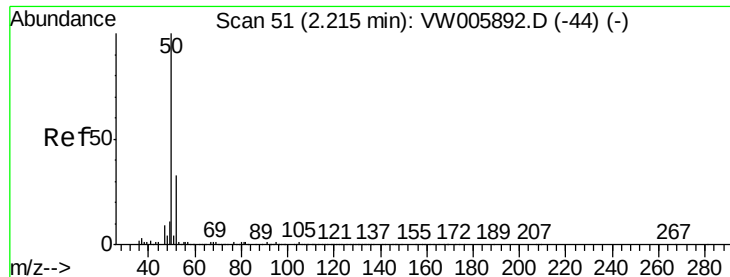
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.489 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

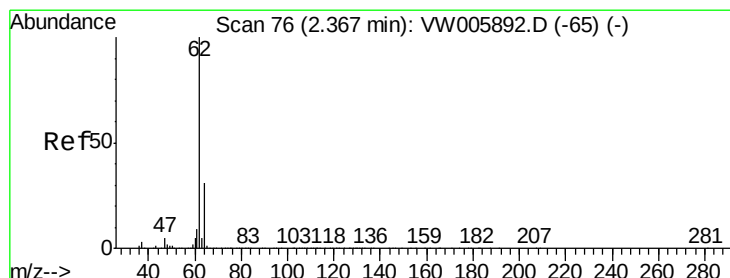
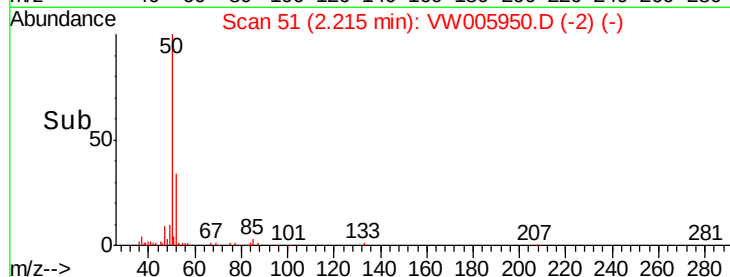
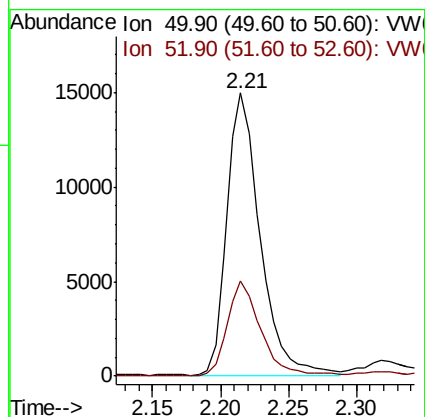
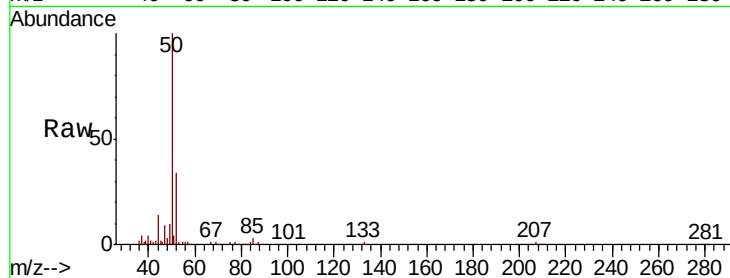
VW1010SBS01

Tgt Ion: 50 Resp: 25693

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 20.749 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005950.D

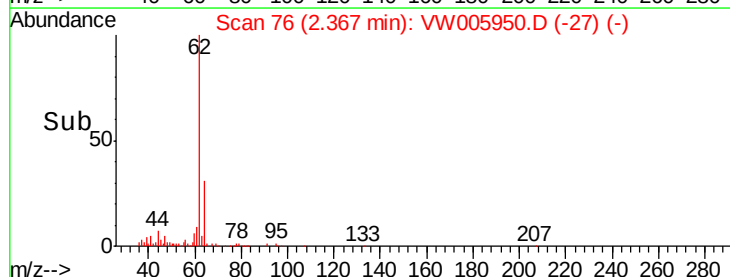
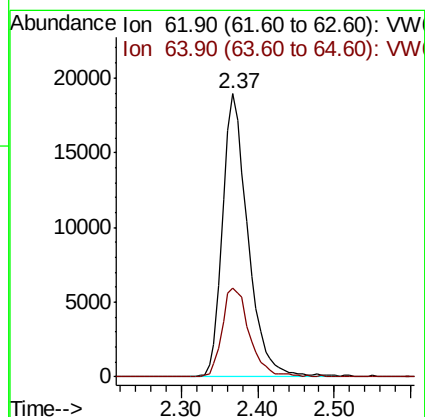
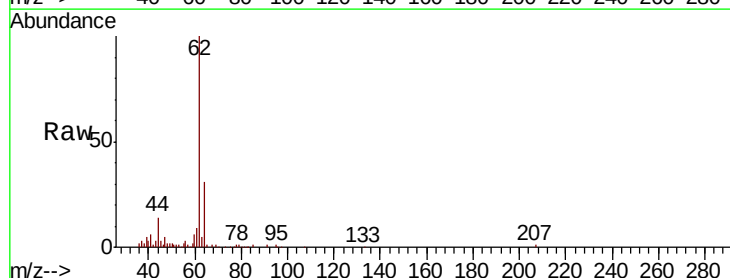
Acq: 09 Oct 2018 21:04

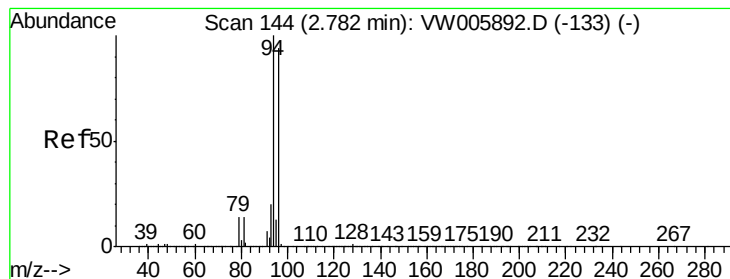
Tgt Ion: 62 Resp: 43427

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 22.704 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

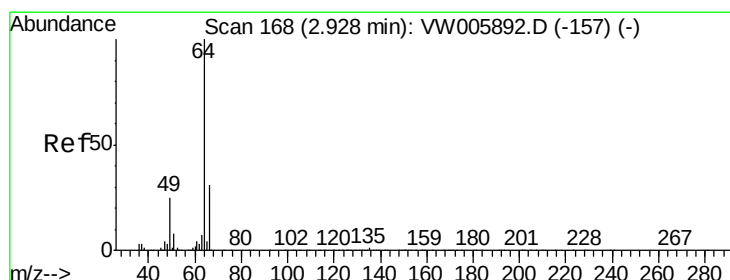
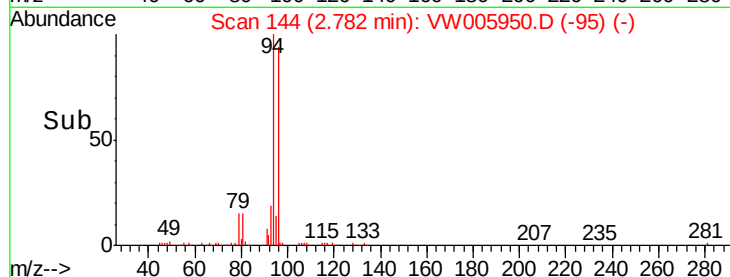
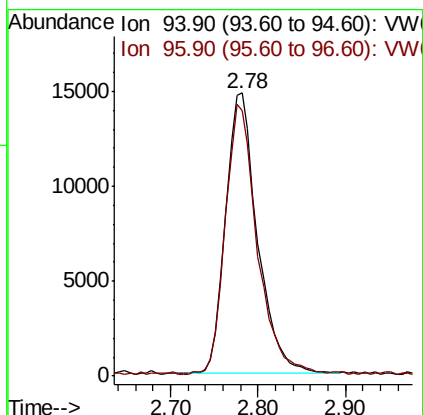
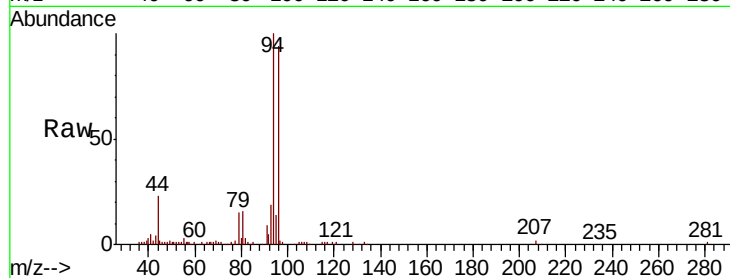
VW1010SBS01

Tgt Ion: 94 Resp: 37502

Ion Ratio Lower Upper

94 100

96 94.1 75.0 112.4



#6

Chloroethane

Concen: 21.965 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005950.D

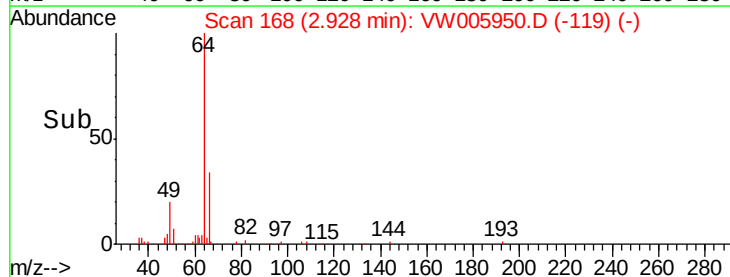
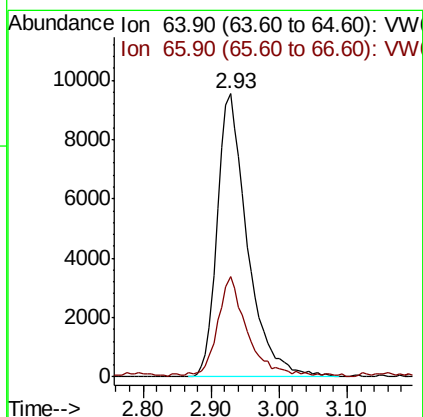
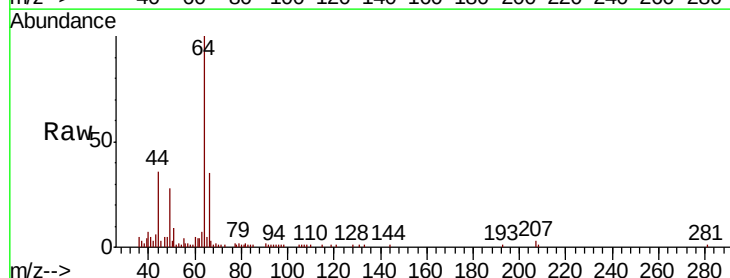
Acq: 09 Oct 2018 21:04

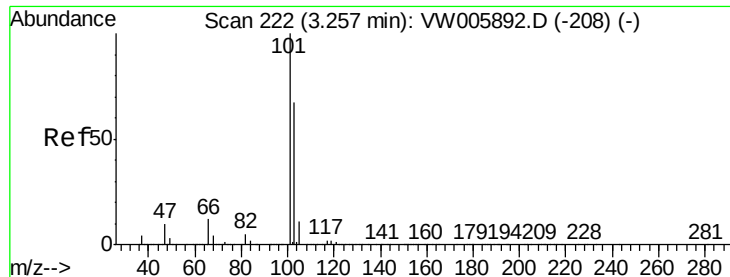
Tgt Ion: 64 Resp: 29289

Ion Ratio Lower Upper

64 100

66 34.4 25.0 37.4



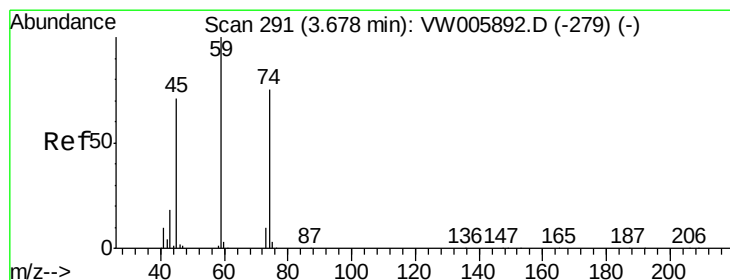
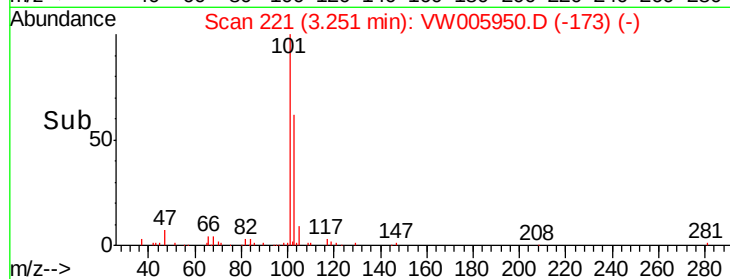
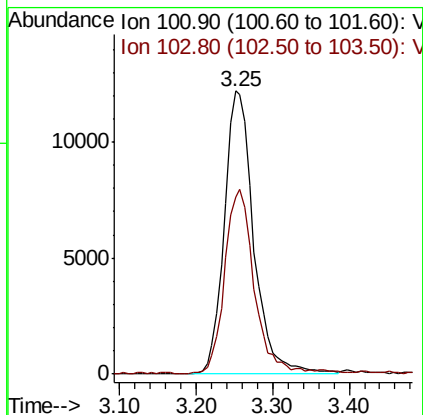
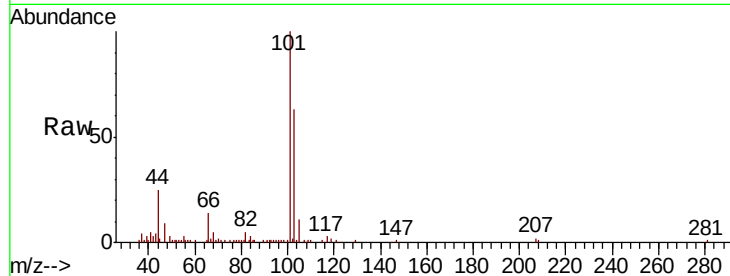


#7

Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005950.D
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Instrument :
MSVOA_W
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VW1010SBS01

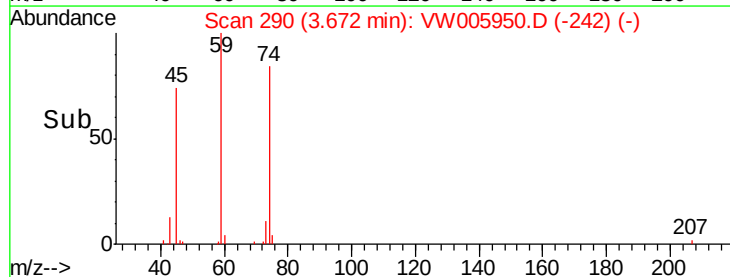
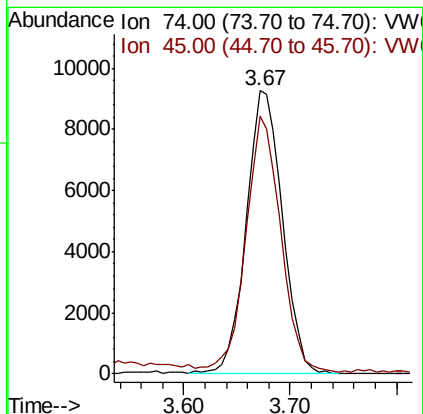
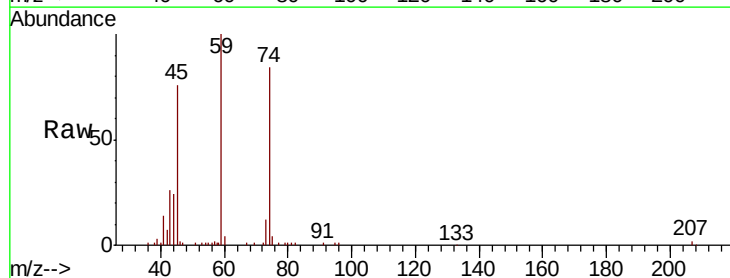
Tgt Ion:101 Resp: 32452
Ion Ratio Lower Upper
101 100
103 62.7 53.5 80.3

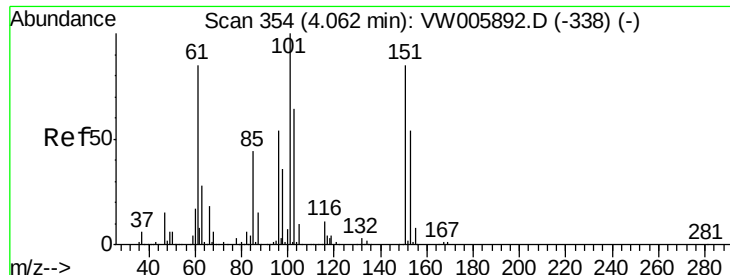


#8

Diethyl Ether
Concen: 21.615 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion: 74 Resp: 22101
Ion Ratio Lower Upper
74 100
45 86.8 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.997 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

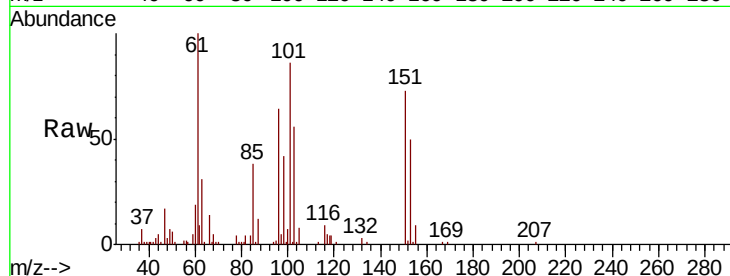
Tgt Ion:101 Resp: 39830

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

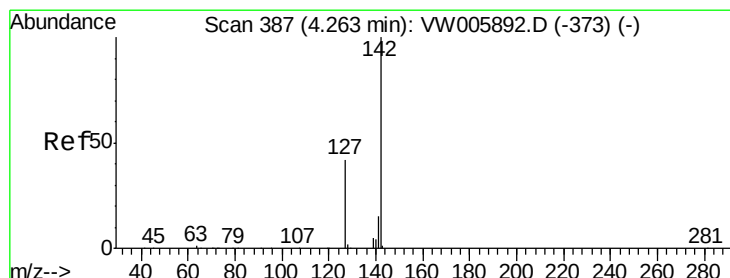
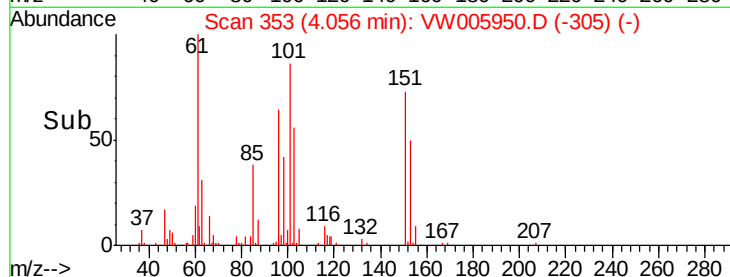
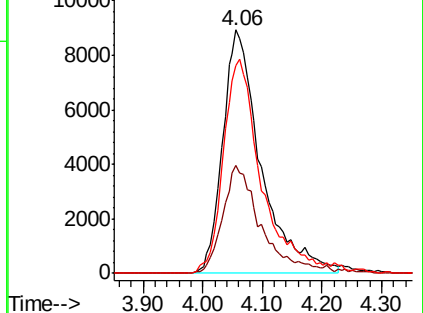
151 86.3 67.7 101.5



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: 19.325 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW005950.D

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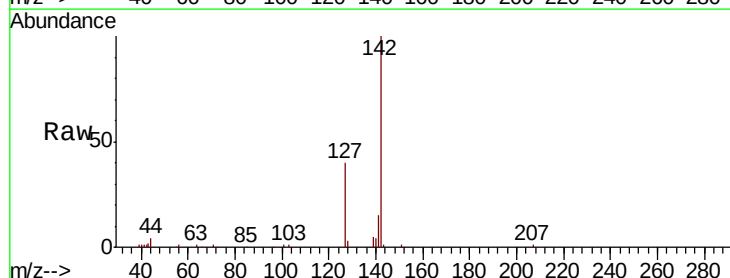
Tgt Ion:142 Resp: 66264

Ion Ratio Lower Upper

142 100

127 41.9 33.7 50.5

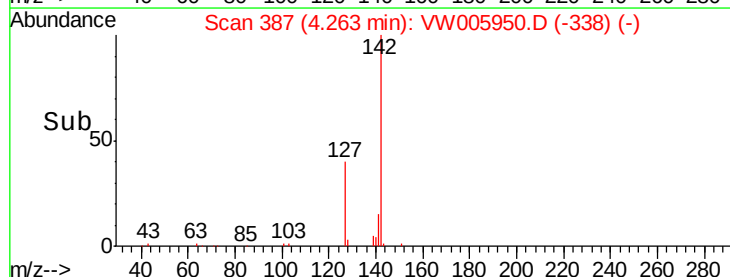
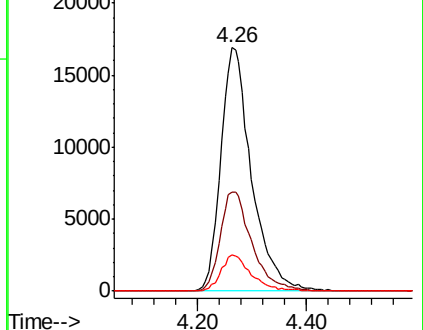
141 14.4 11.5 17.3

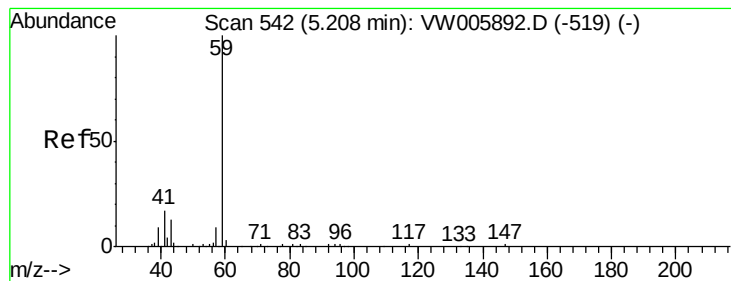


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



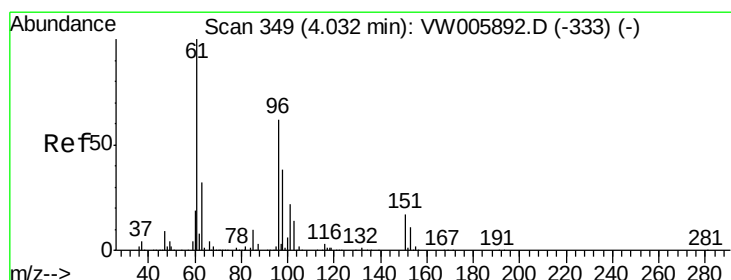
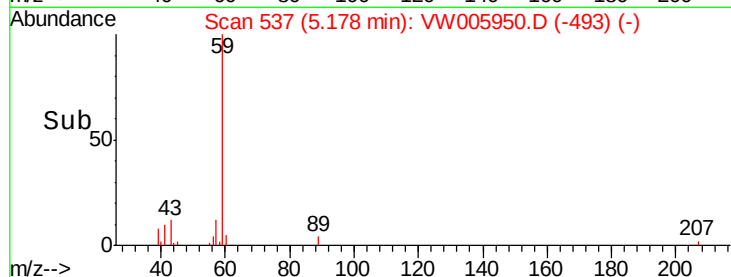
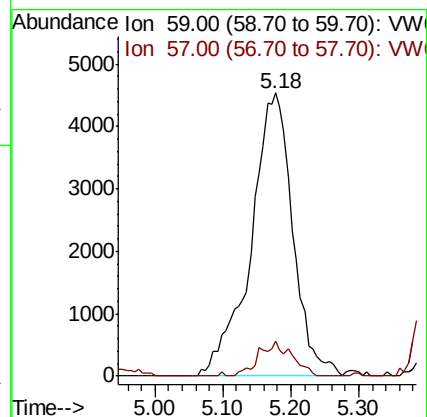
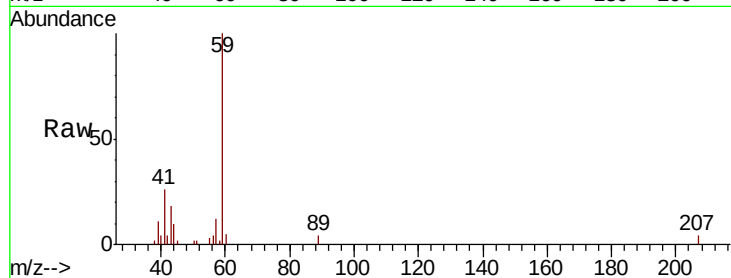


#11

Tert butyl alcohol
 Concen: 119.869 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

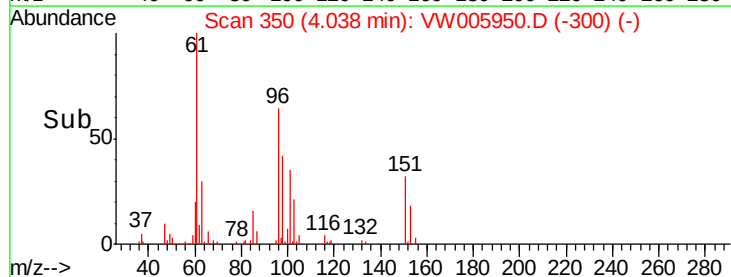
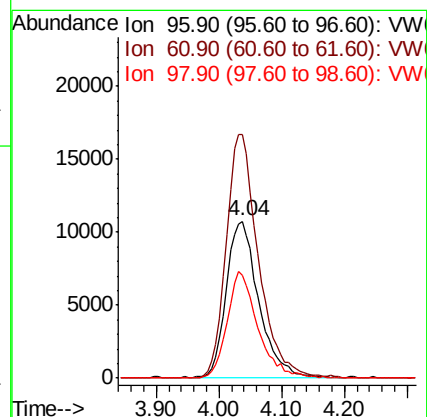
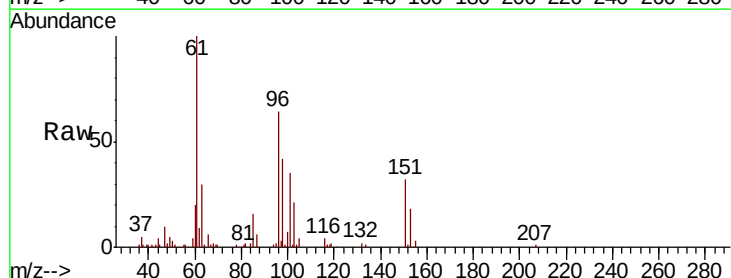
Tgt Ion: 59 Resp: 19505
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.7 11.5

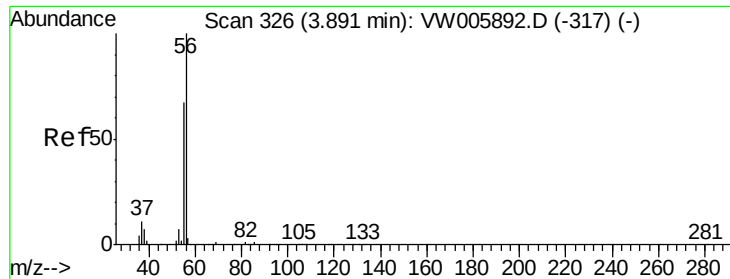


#12

1,1-Dichloroethene
 Concen: 19.227 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion: 96 Resp: 38710
 Ion Ratio Lower Upper
 96 100
 61 155.4 128.6 193.0
 98 65.9 49.4 74.0





#13

Acrolein

Concen: 93.982 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

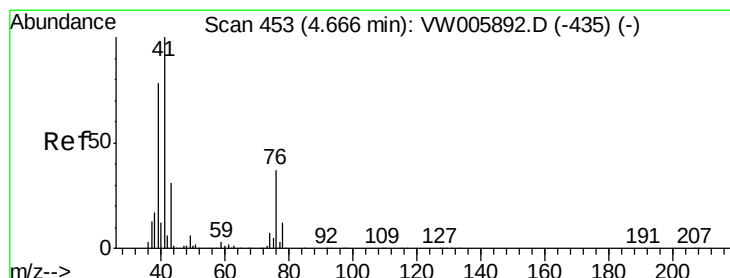
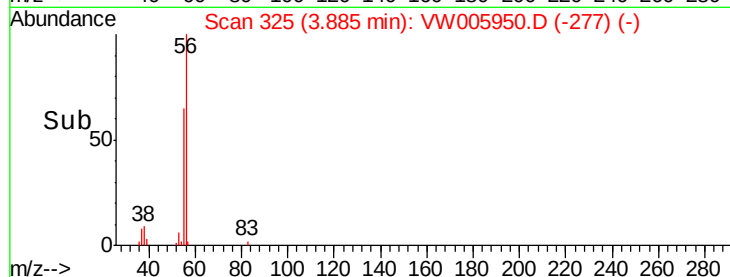
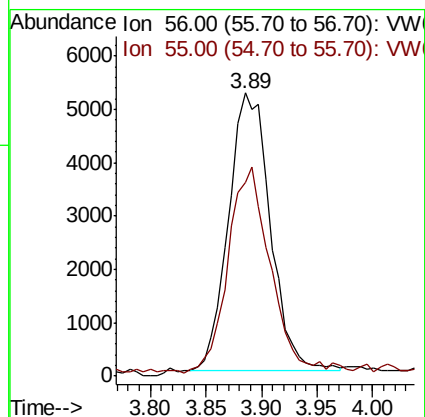
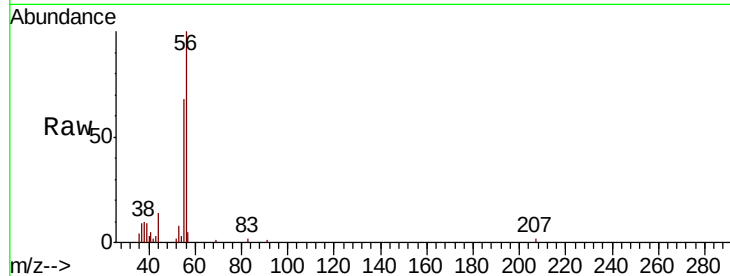
VW1010SBS01

Tgt Ion: 56 Resp: 13628

Ion Ratio Lower Upper

56 100

55 74.3 54.6 82.0



#14

Allyl chloride

Concen: 16.616 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

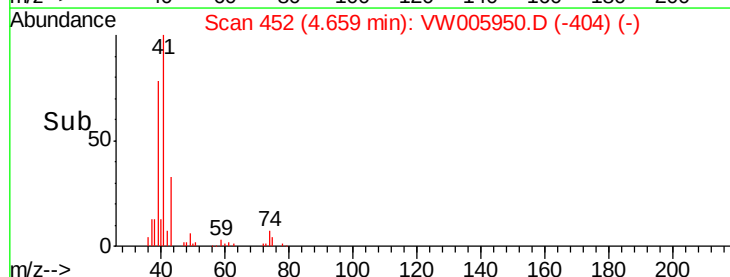
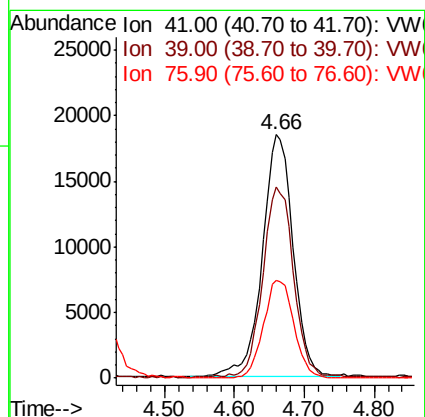
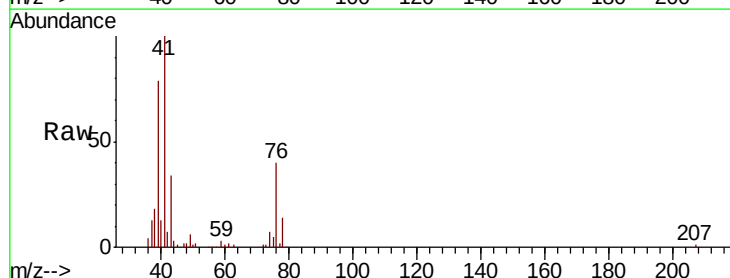
Tgt Ion: 41 Resp: 57049

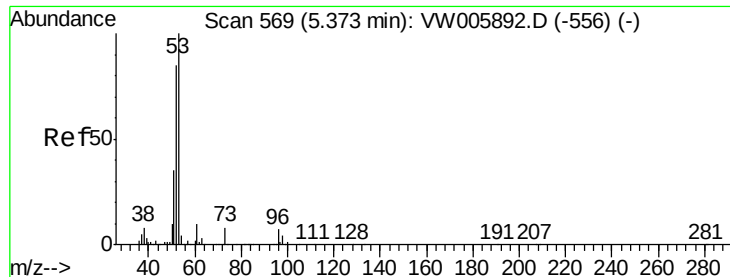
Ion Ratio Lower Upper

41 100

39 79.9 60.8 91.2

76 39.7 29.6 44.4





#15

Acrylonitrile

Concen: 101.215 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

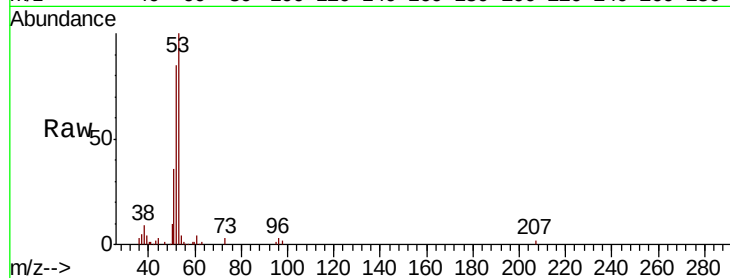
Tgt Ion: 53 Resp: 45038

Ion Ratio Lower Upper

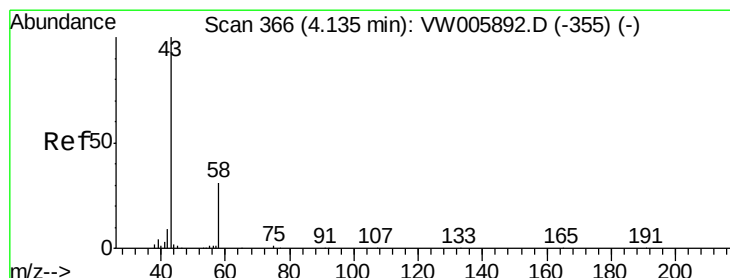
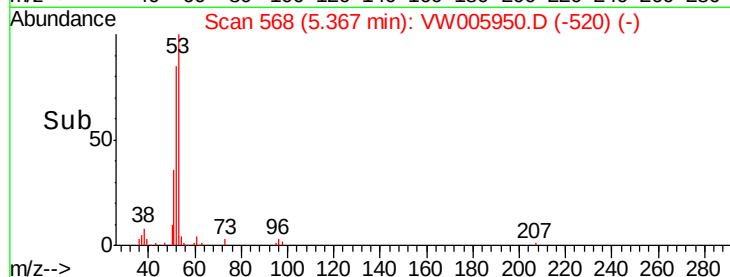
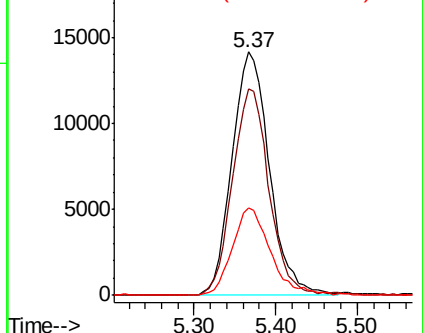
53 100

52 83.0 66.8 100.2

51 36.3 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 100.457 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005950.D

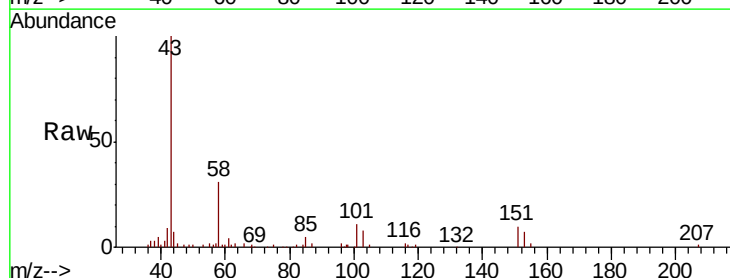
Acq: 09 Oct 2018 21:04

Tgt Ion: 43 Resp: 44551

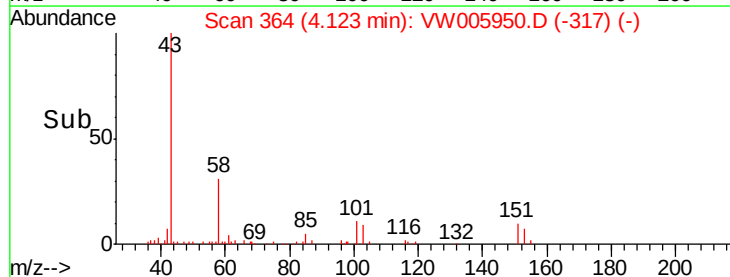
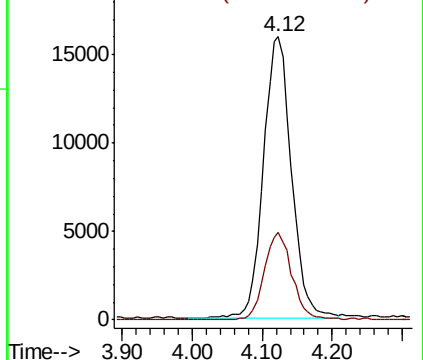
Ion Ratio Lower Upper

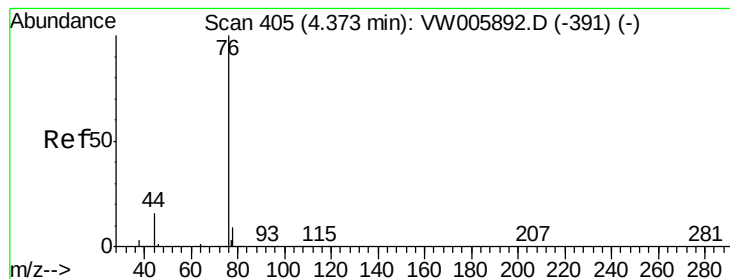
43 100

58 31.3 24.7 37.1



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





#17

Carbon Disulfide

Concen: 16.926 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

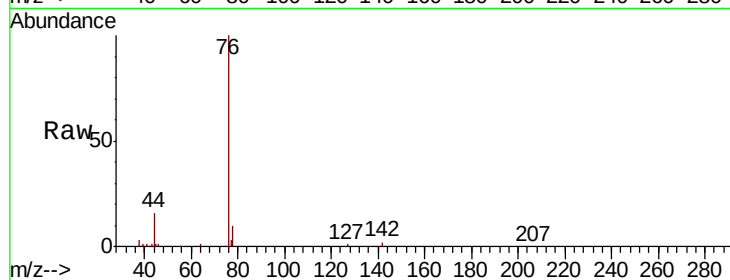
VW1010SBS01

Tgt Ion: 76 Resp: 103027

Ion Ratio Lower Upper

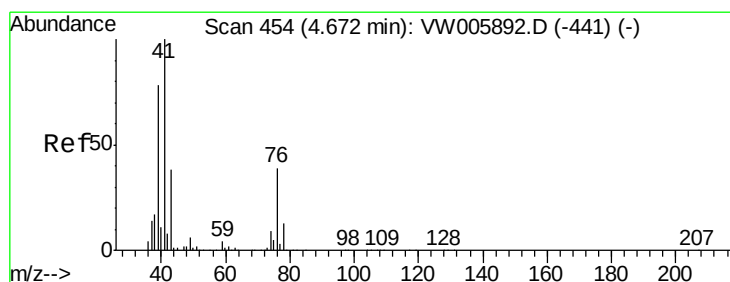
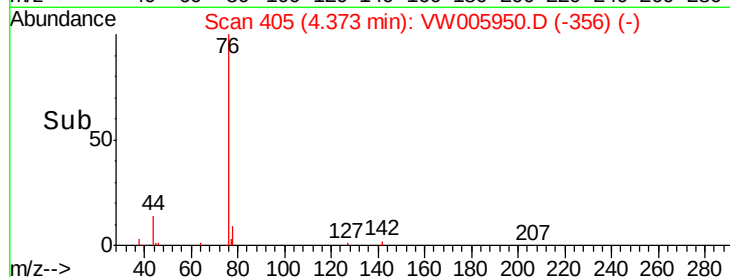
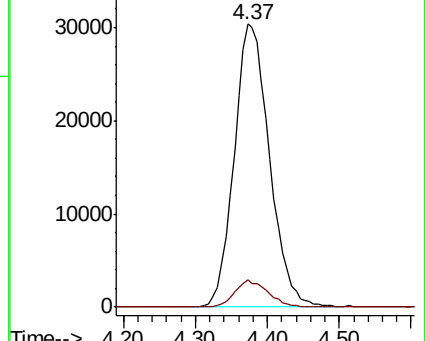
76 100

78 9.6 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: 18.458 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005950.D

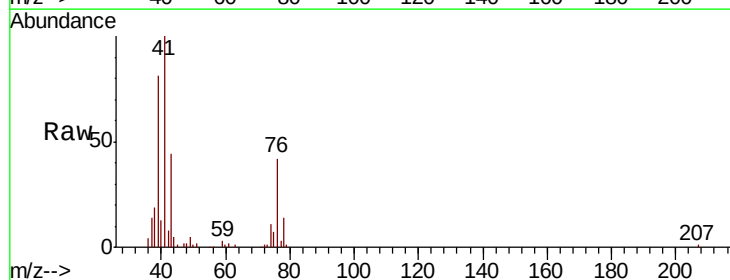
Acq: 09 Oct 2018 21:04

Tgt Ion: 43 Resp: 20657

Ion Ratio Lower Upper

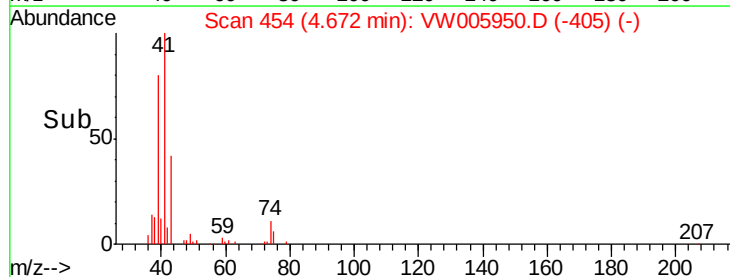
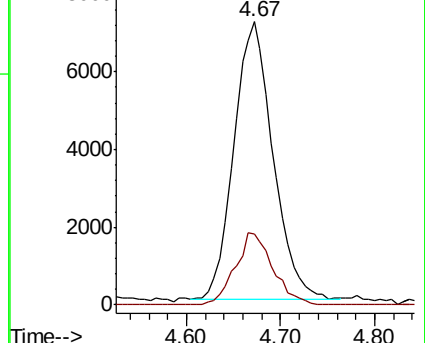
43 100

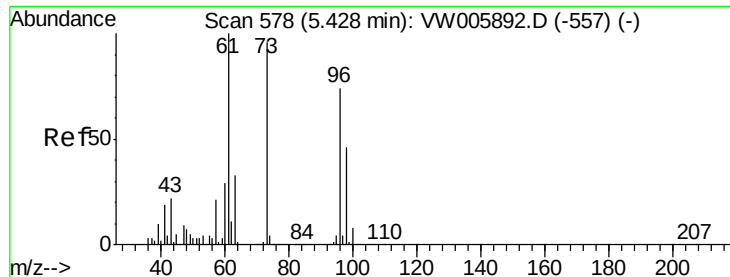
74 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

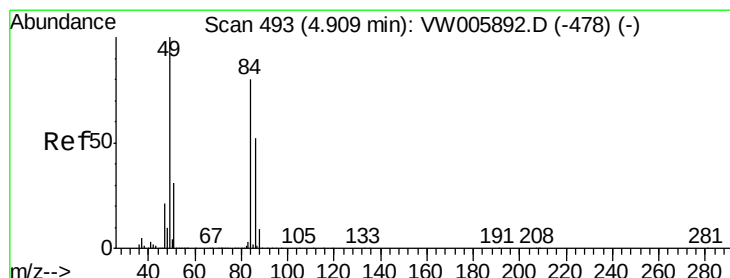
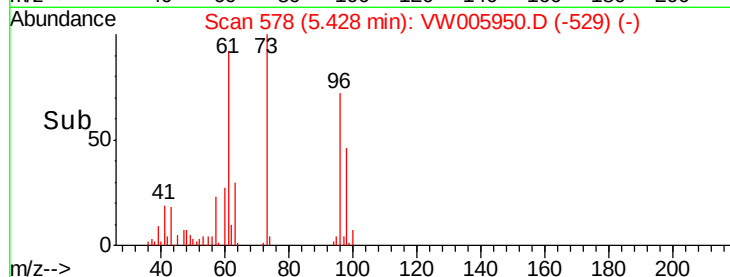
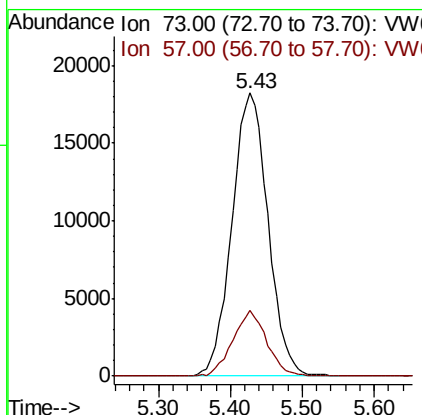
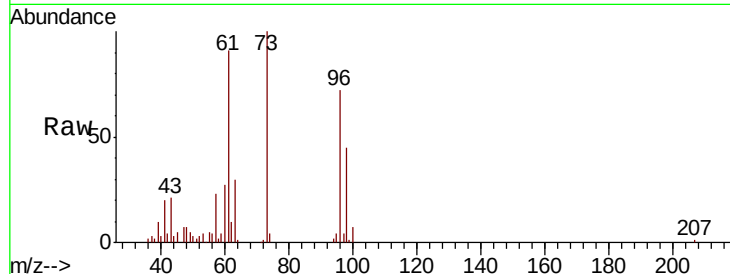




#19
Methyl tert-butyl Ether
Concen: 20.236 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

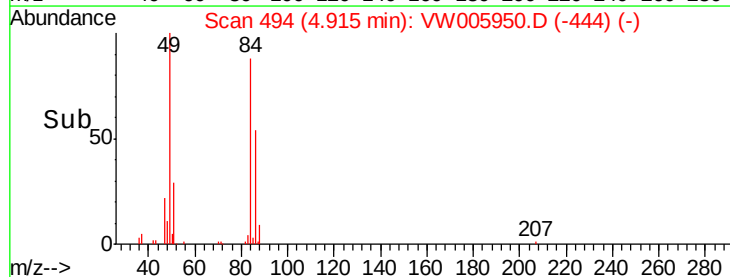
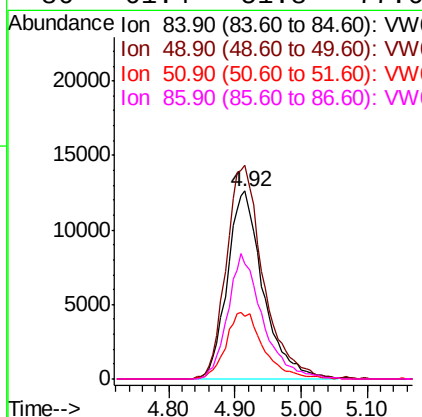
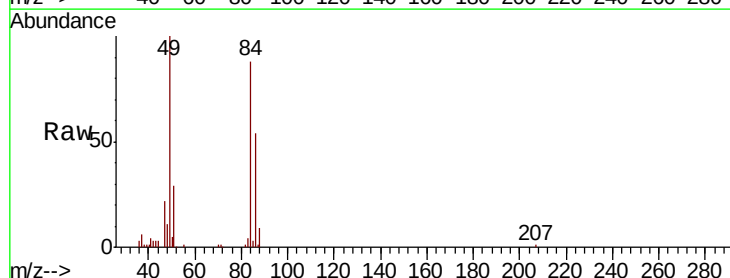
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

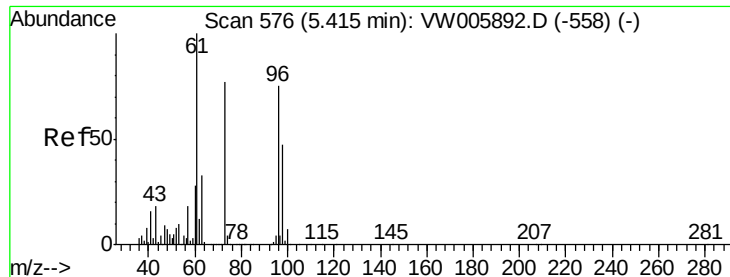
Tgt Ion: 73 Resp: 63384
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5



#20
Methylene Chloride
Concen: 21.372 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion: 84 Resp: 47486
Ion Ratio Lower Upper
84 100
49 113.6 99.9 149.9
51 33.3 31.1 46.7
86 61.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.497 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

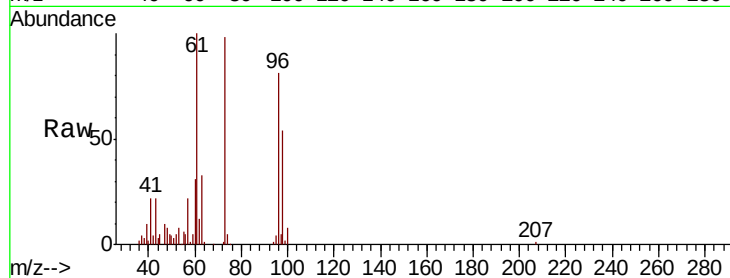
Tgt Ion: 96 Resp: 42784

Ion Ratio Lower Upper

96 100

61 123.2 107.4 161.0

98 65.9 50.8 76.2

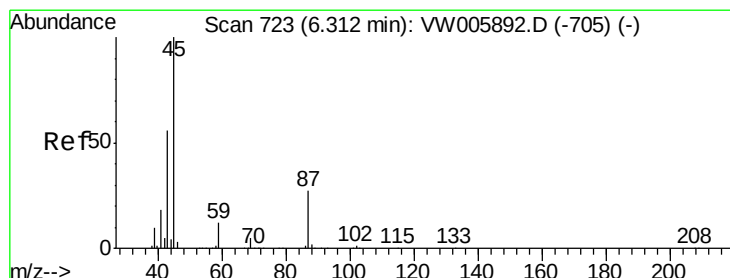
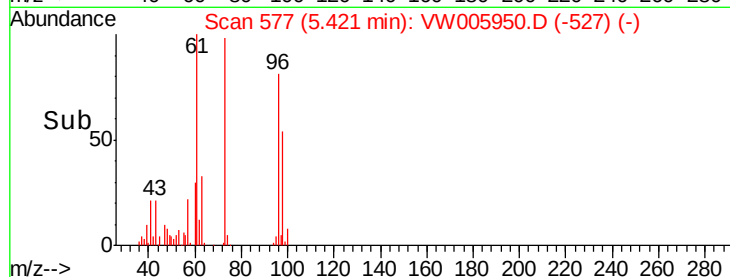
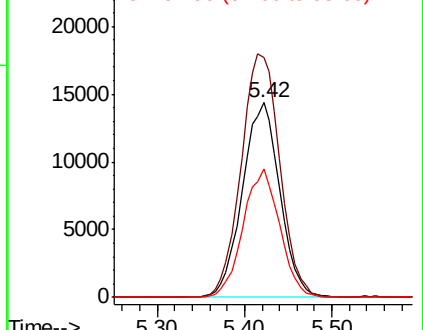


Abundance

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: 18.769 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Tgt Ion: 45 Resp: 120469

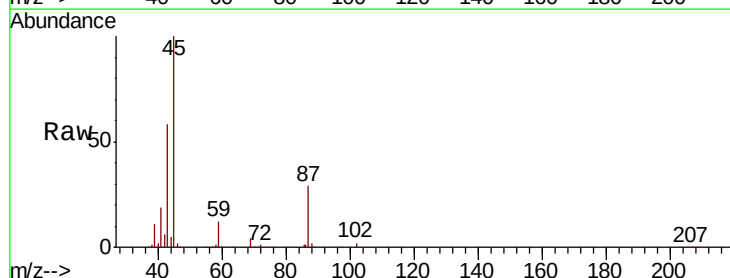
Ion Ratio Lower Upper

45 100

43 57.8 45.9 68.9

87 29.4 22.2 33.4

59 12.0 9.4 14.0



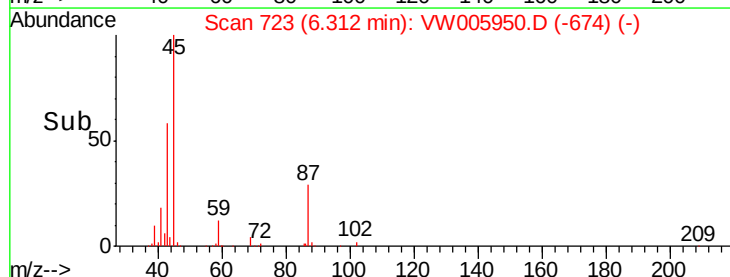
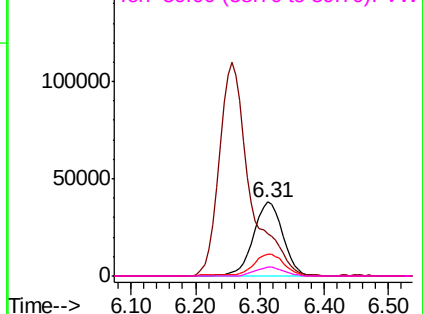
Abundance

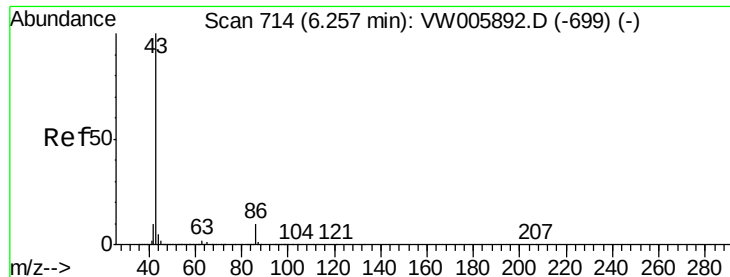
Ion 45.00 (44.70 to 45.70): VW

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: 92.618 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

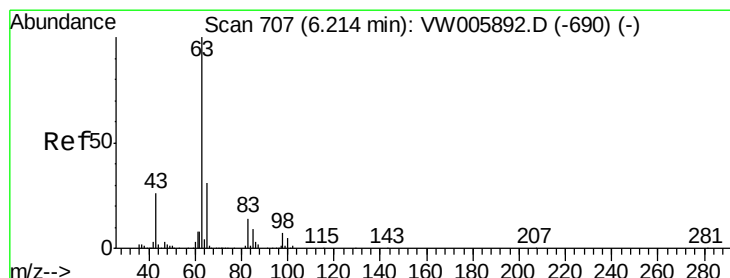
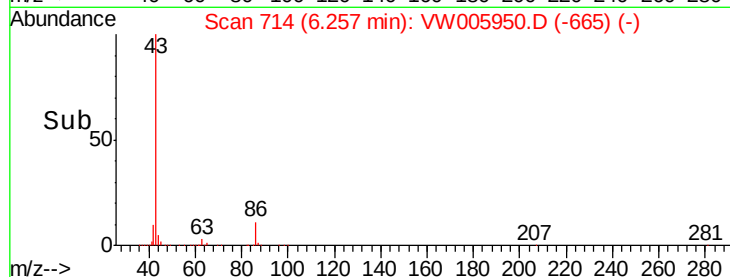
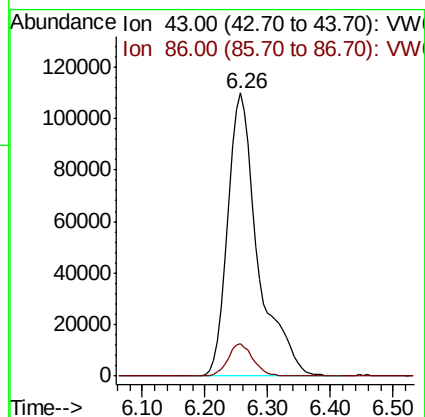
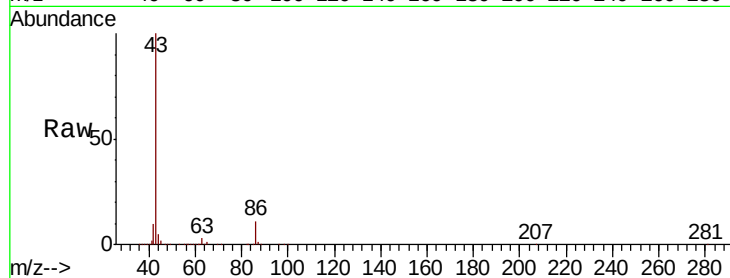
VW1010SBS01

Tgt Ion: 43 Resp: 365880

Ion Ratio Lower Upper

43 100

86 11.3 8.2 12.4



#24

1,1-Dichloroethane

Concen: 18.927 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

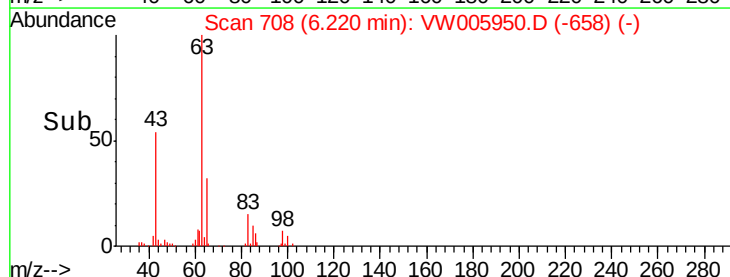
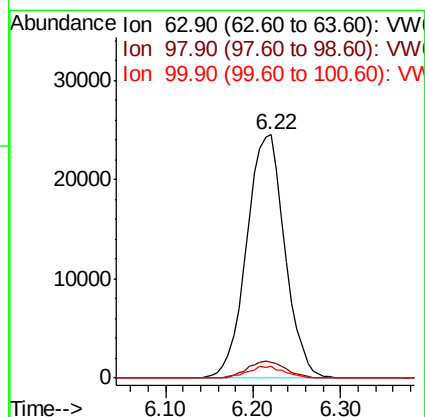
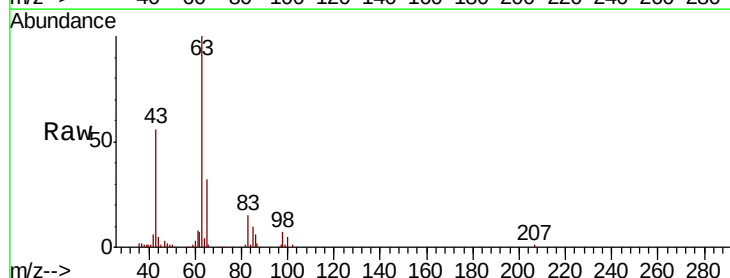
Tgt Ion: 63 Resp: 74341

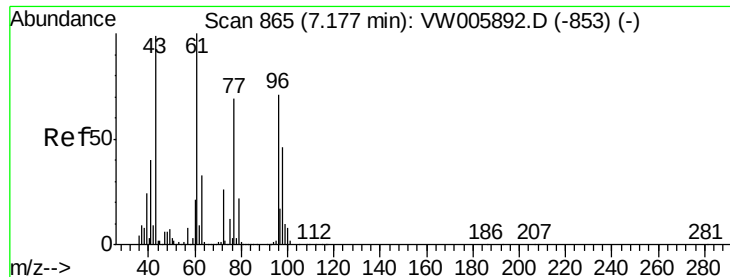
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 101.240 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

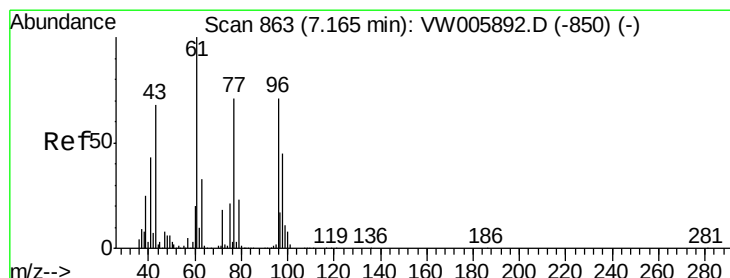
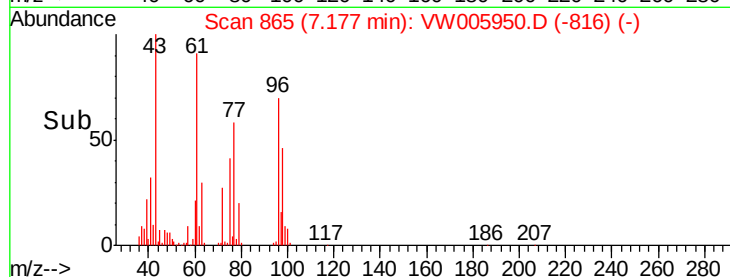
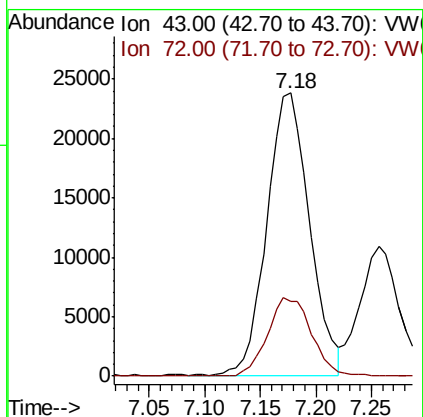
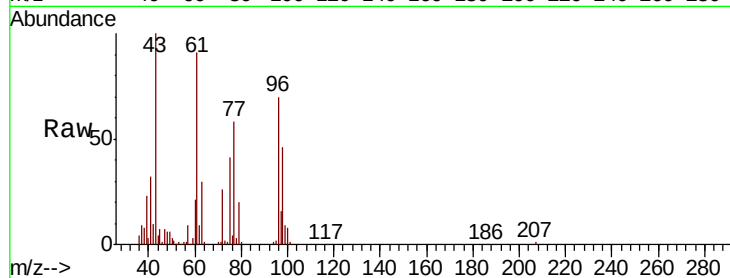
VW1010SBS01

Tgt Ion: 43 Resp: 63860

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 17.743 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW005950.D

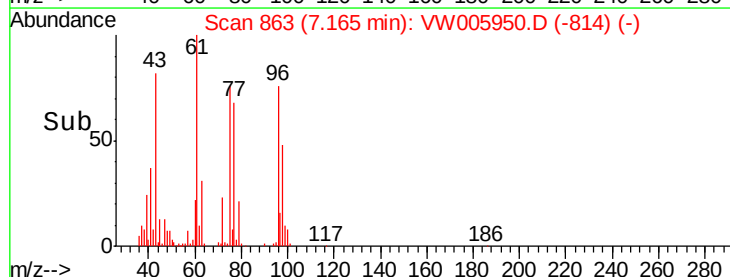
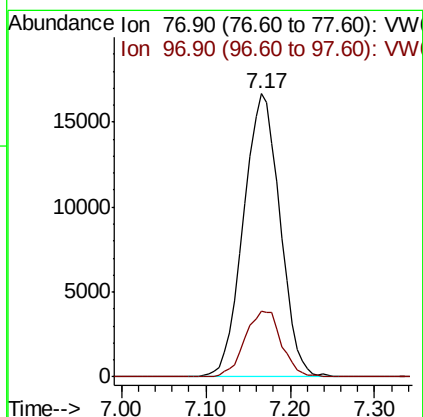
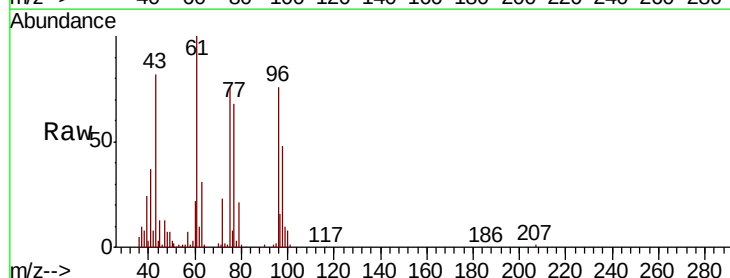
Acq: 09 Oct 2018 21:04

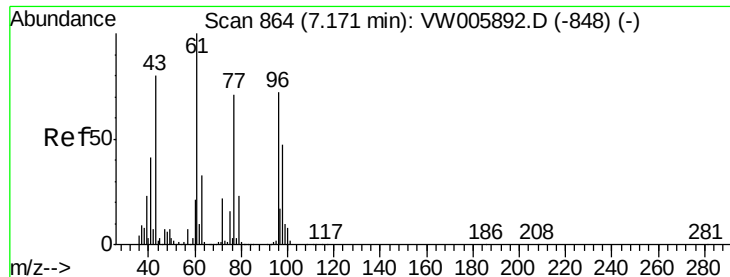
Tgt Ion: 77 Resp: 49048

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.7



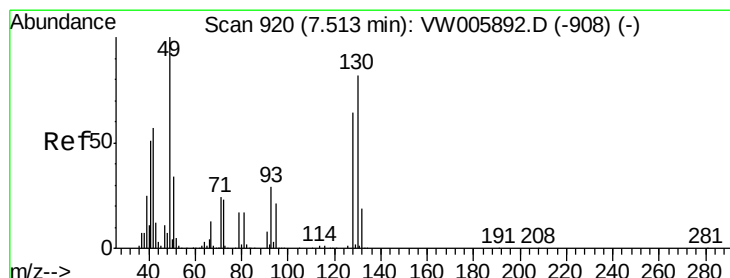
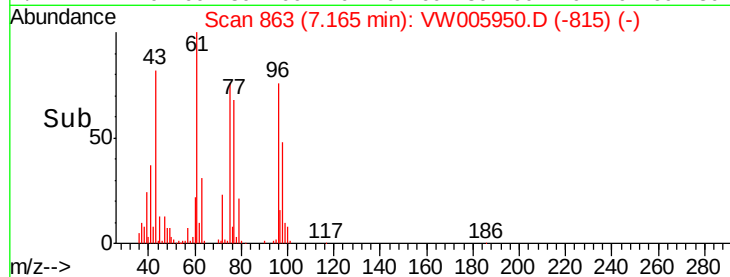
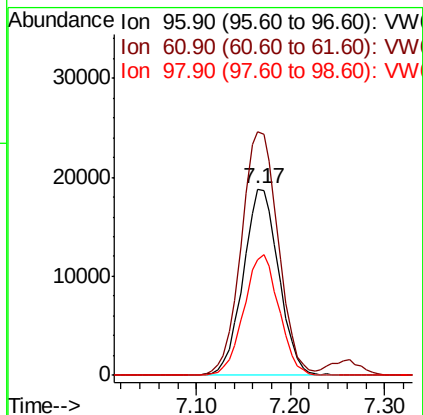
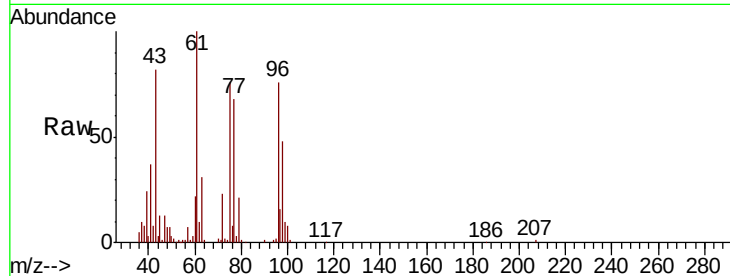


#27

cis-1,2-Dichloroethene
 Concen: 20.057 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

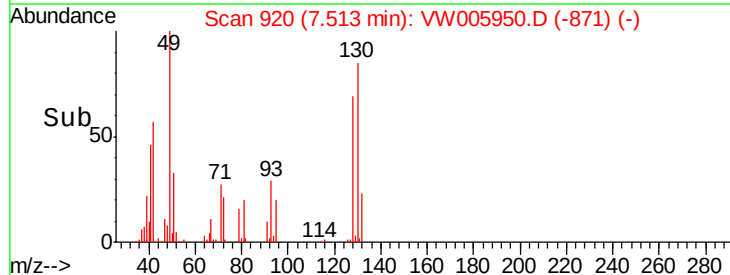
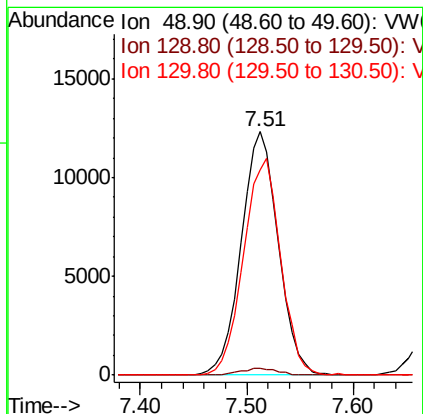
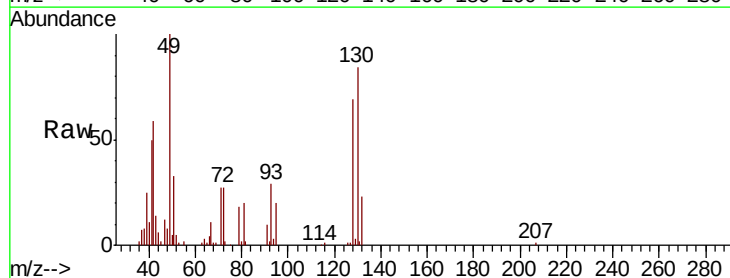
Tgt Ion: 96 Resp: 49774
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 284.0
 98 63.9 0.0 129.8

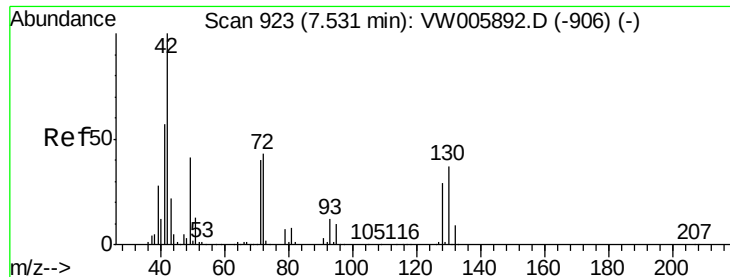


#28

Bromochloromethane
 Concen: 20.714 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion: 49 Resp: 30031
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 89.2 66.9 100.3

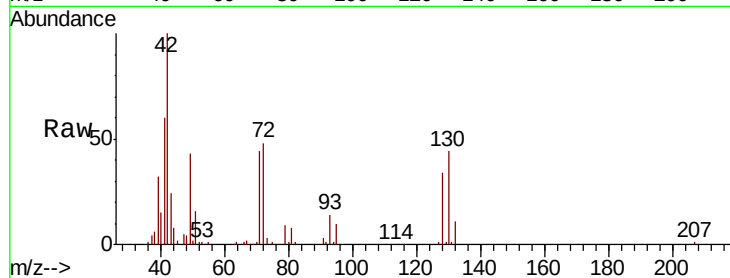




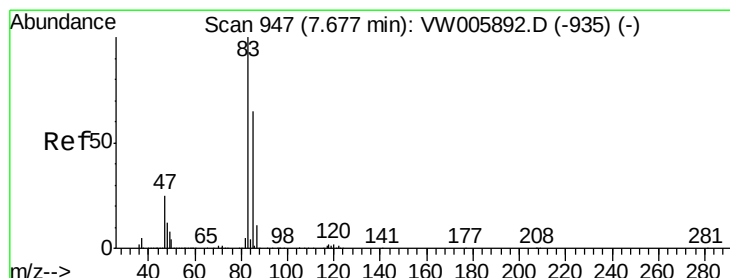
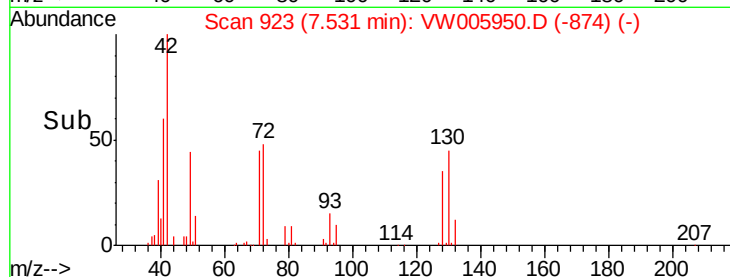
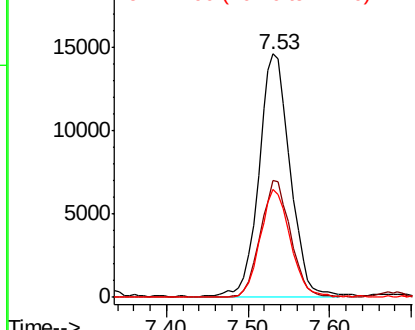
#29
Tetrahydrofuran
Concen: 98.071 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tgt Ion: 42 Resp: 39105
Ion Ratio Lower Upper
42 100
72 45.9 34.6 51.8
71 42.7 32.6 49.0

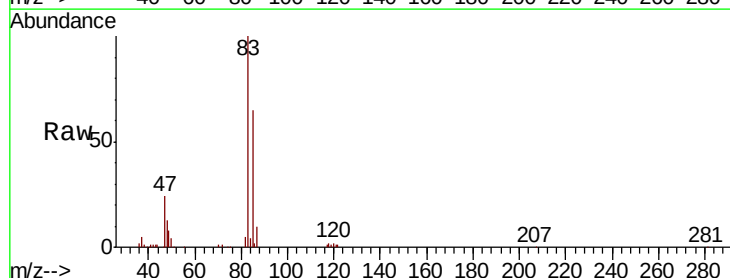


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

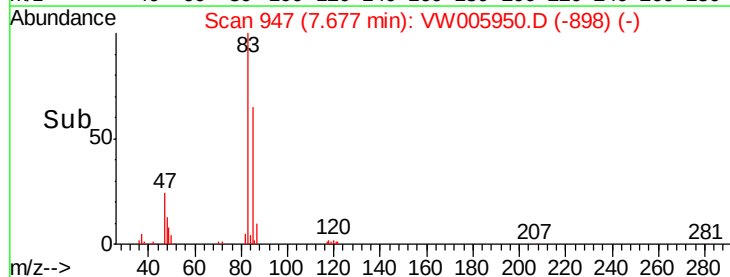
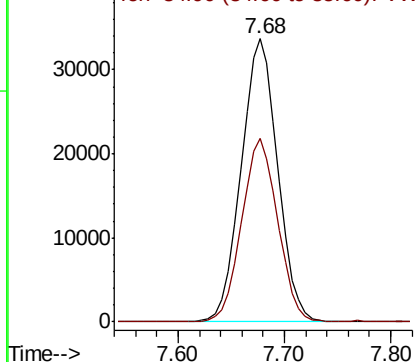


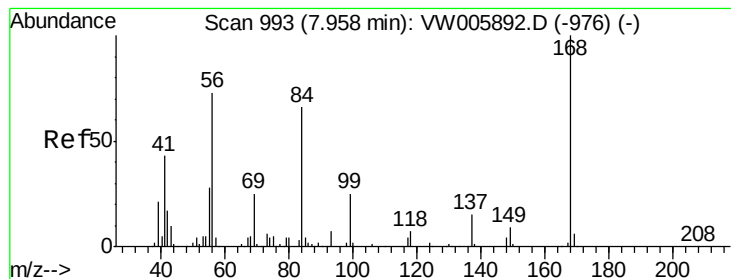
#30
Chloroform
Concen: 20.022 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion: 83 Resp: 80777
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 17.511 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

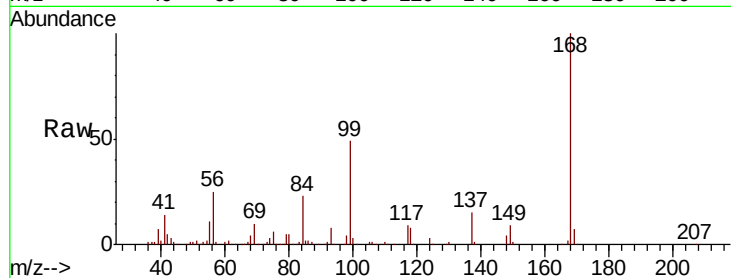
Tgt Ion: 56 Resp: 68065

Ion Ratio Lower Upper

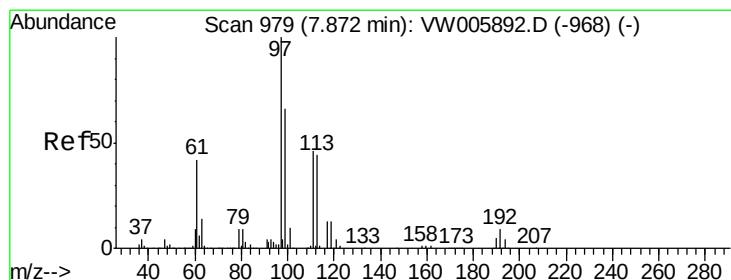
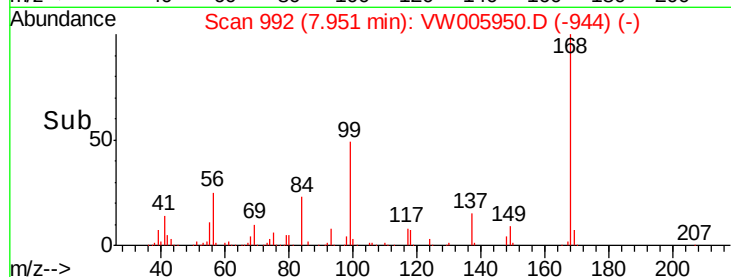
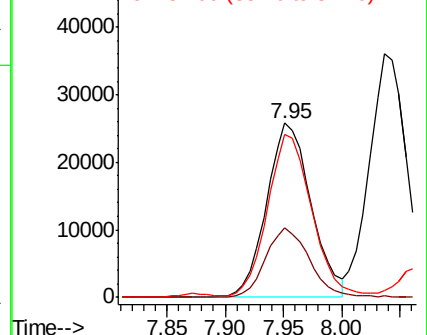
56 100

69 39.7 27.9 41.9

84 91.4 72.3 108.5



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: 19.040 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

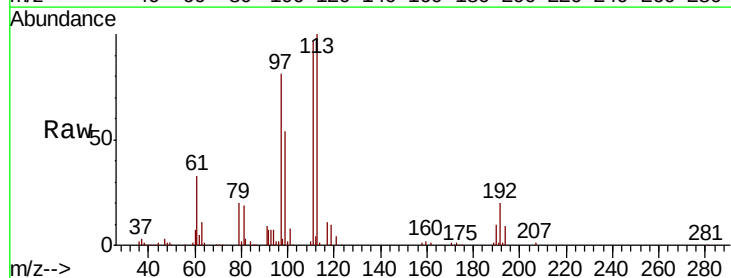
Tgt Ion: 97 Resp: 68409

Ion Ratio Lower Upper

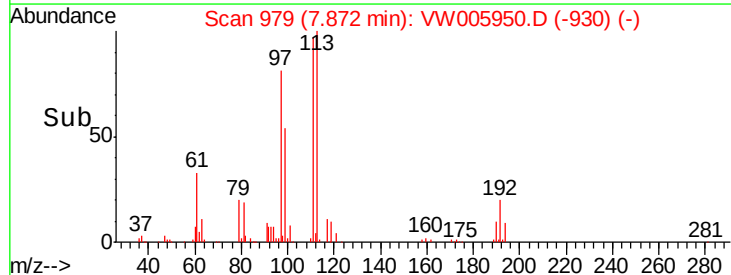
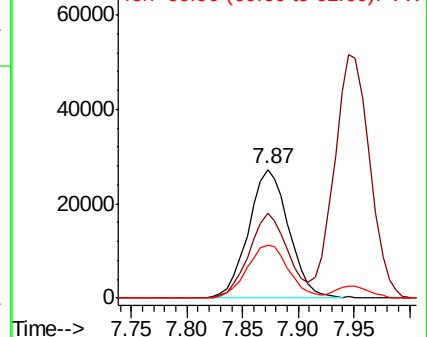
97 100

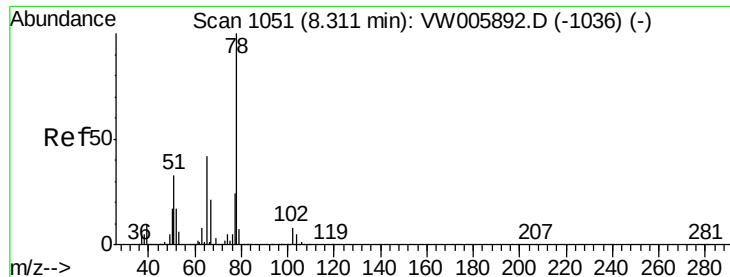
99 63.9 51.6 77.4

61 42.8 34.5 51.7



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

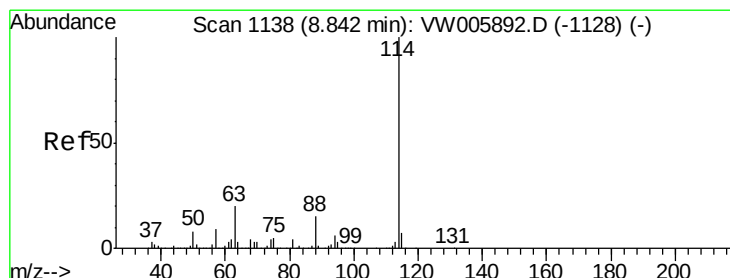
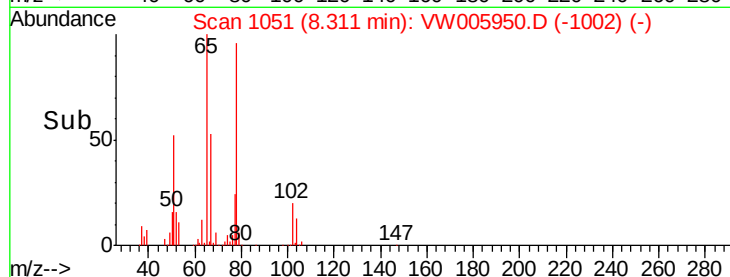
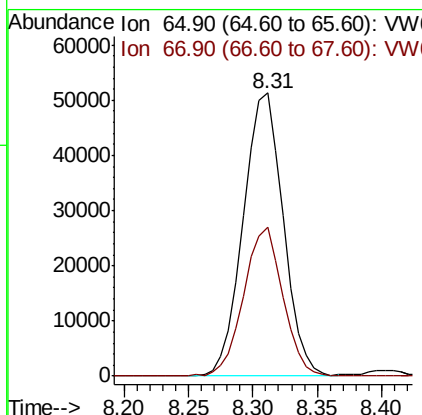
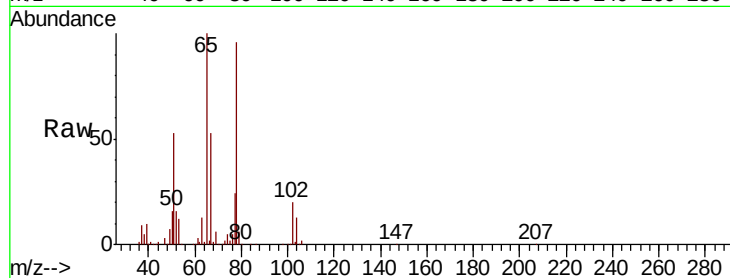




#33
 1,2-Dichloroethane-d4
 Concen: 49.730 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

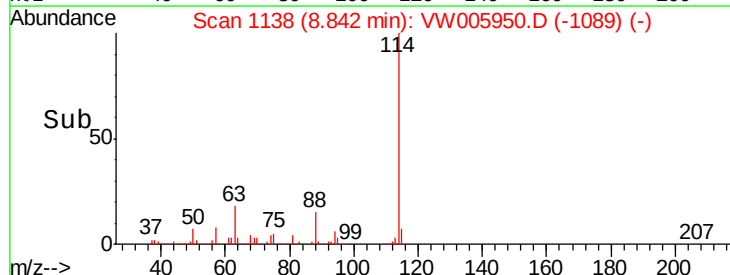
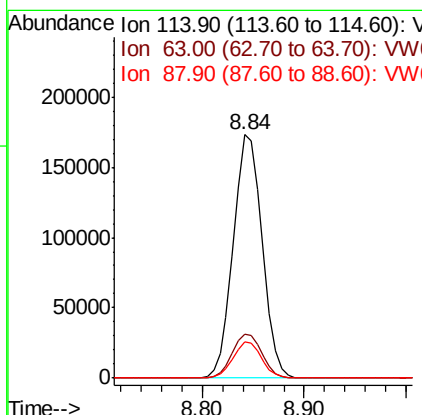
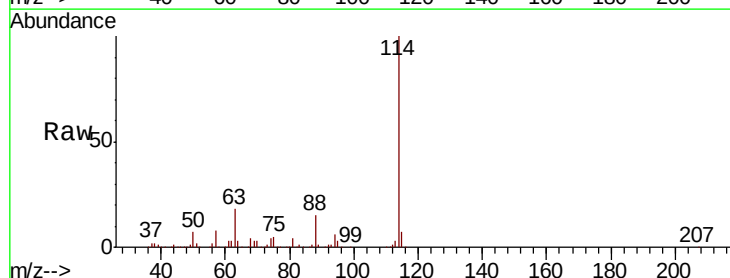
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

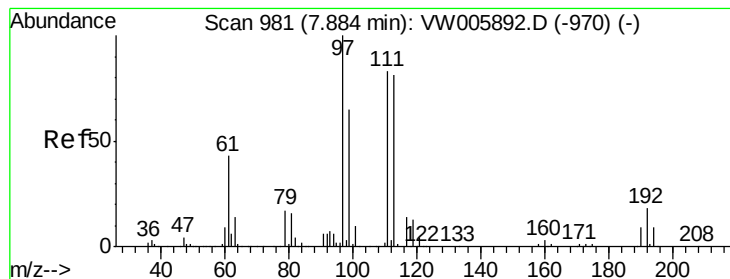
Tgt Ion: 65 Resp: 110415
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion: 114 Resp: 339206
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.884 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

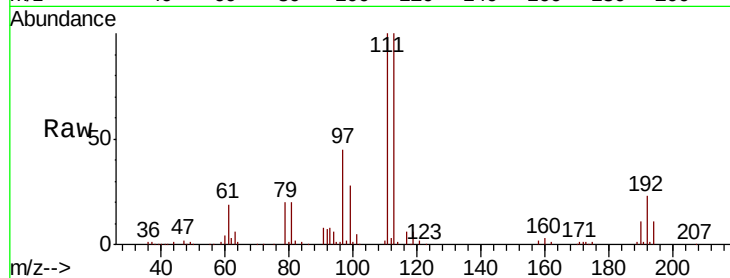
Tgt Ion:113 Resp: 112364

Ion Ratio Lower Upper

113 100

111 99.5 82.0 123.0

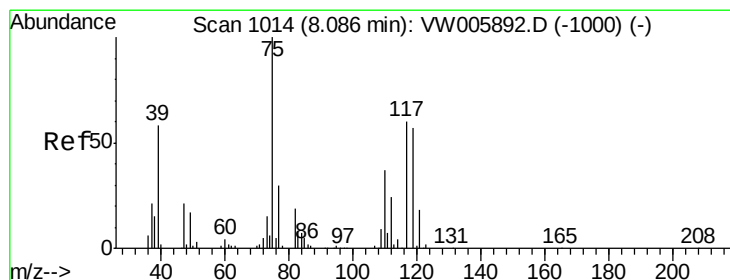
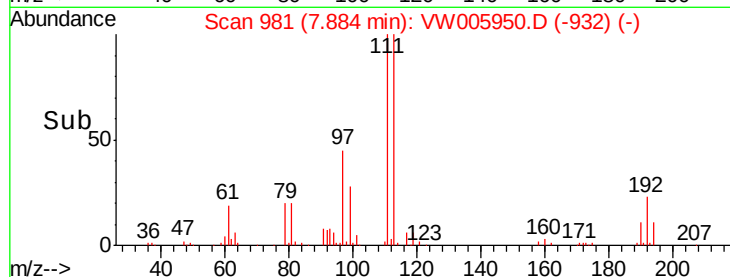
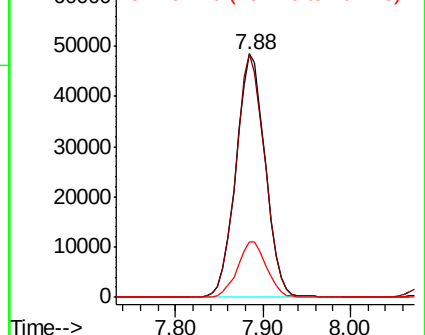
192 22.6 18.3 27.5



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: 18.779 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

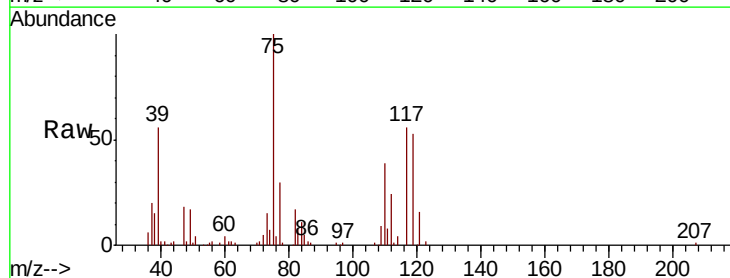
Tgt Ion: 75 Resp: 61037

Ion Ratio Lower Upper

75 100

110 37.7 18.6 56.0

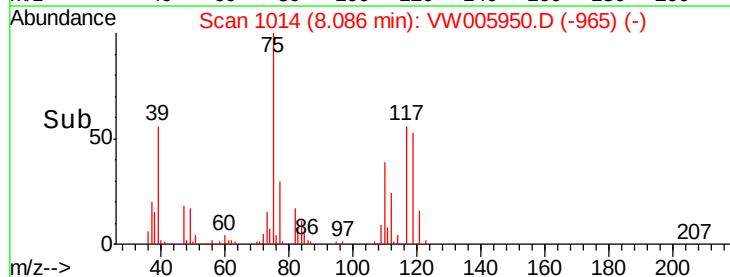
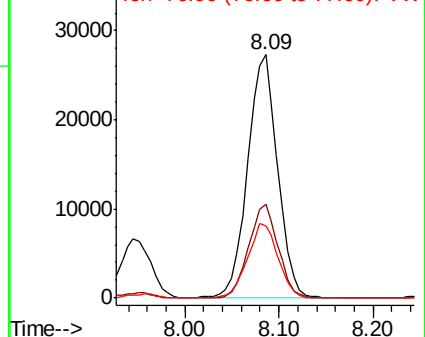
77 31.3 24.7 37.1

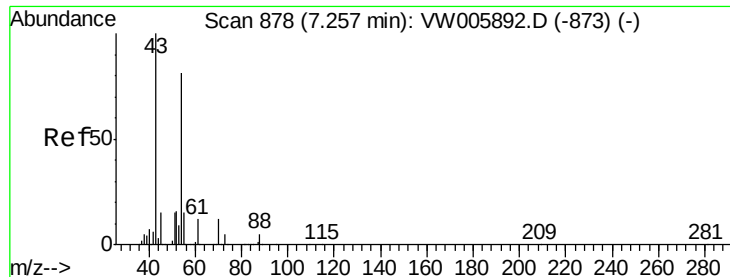


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

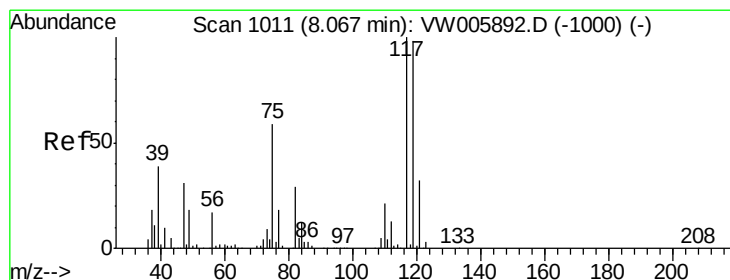
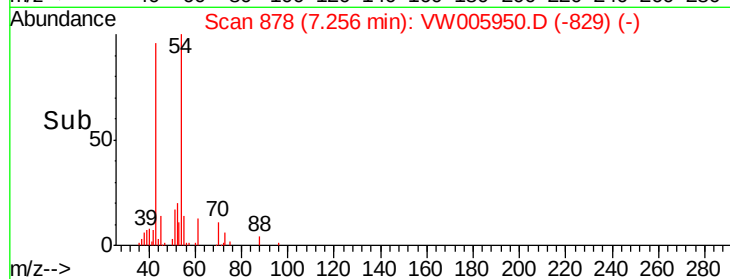
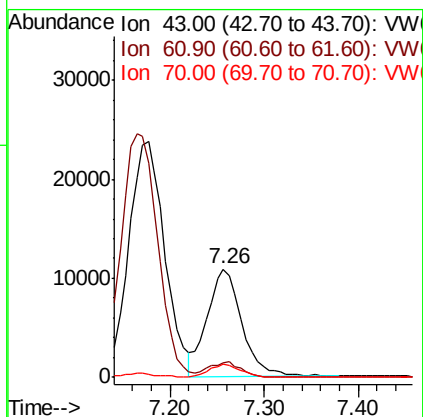
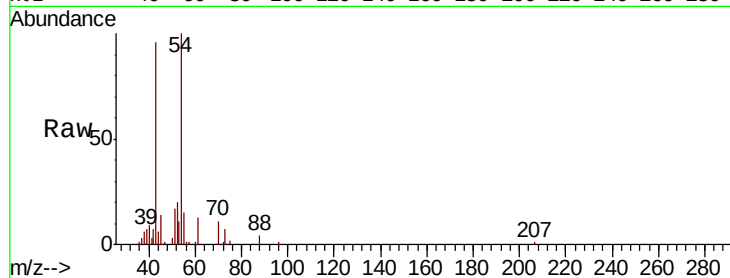




#37
Ethyl Acetate
Concen: 20.034 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

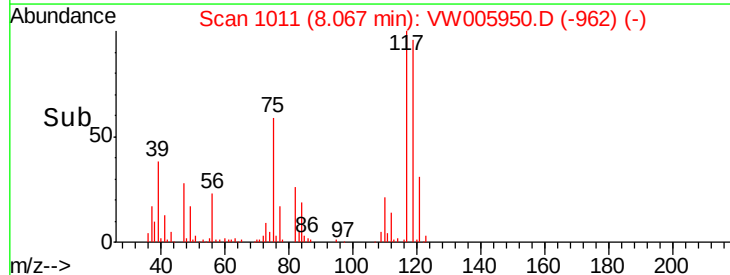
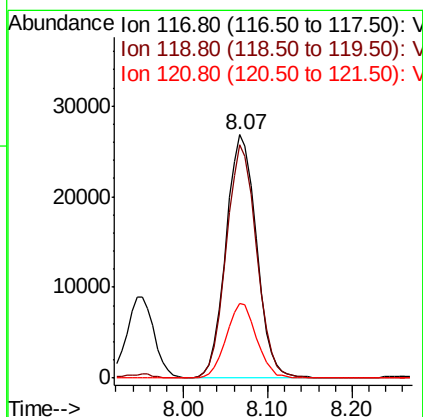
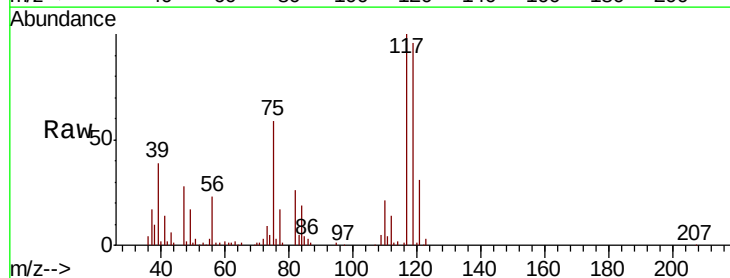
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

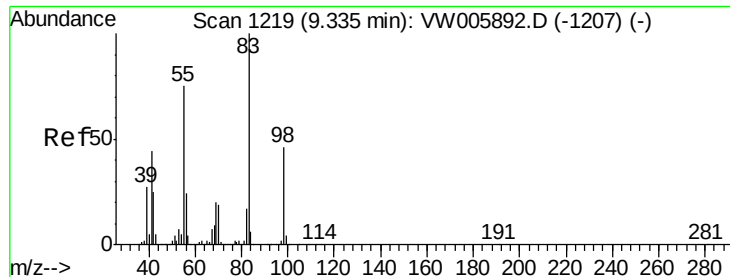
Tgt Ion: 43 Resp: 27575
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.858 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion: 117 Resp: 65853
Ion Ratio Lower Upper
117 100
119 95.7 78.6 117.8
121 30.7 25.3 37.9

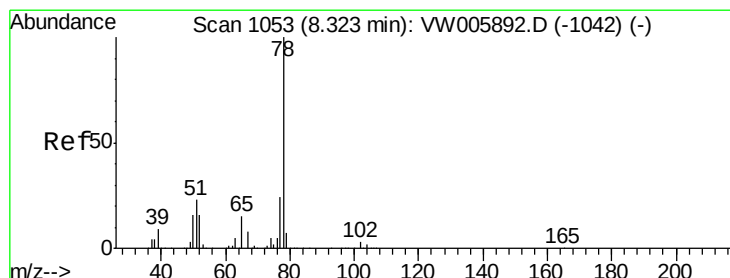
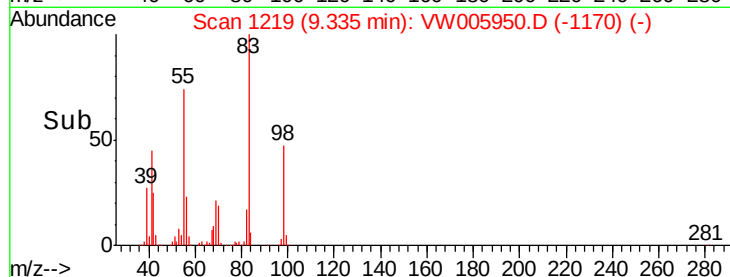
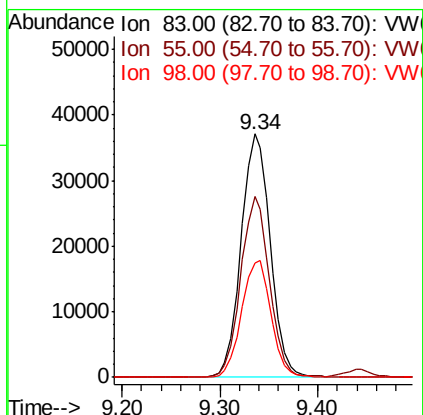
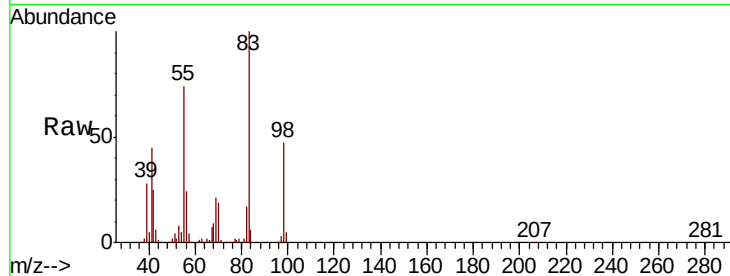




#39
Methylcyclohexane
Concen: 17.963 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

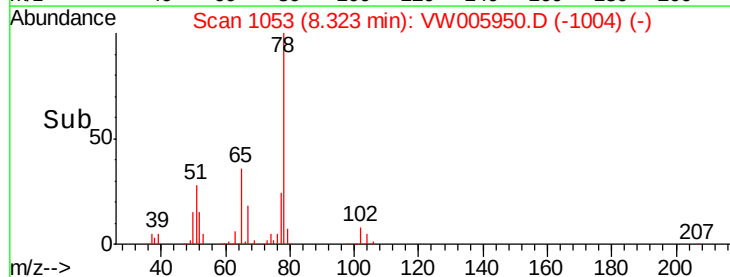
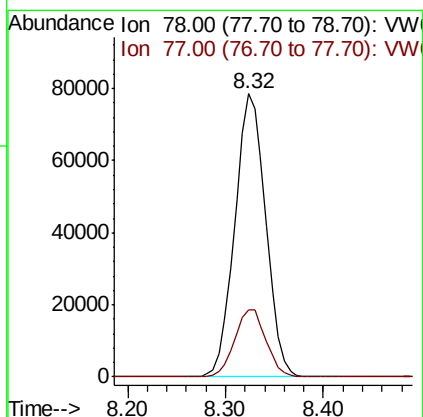
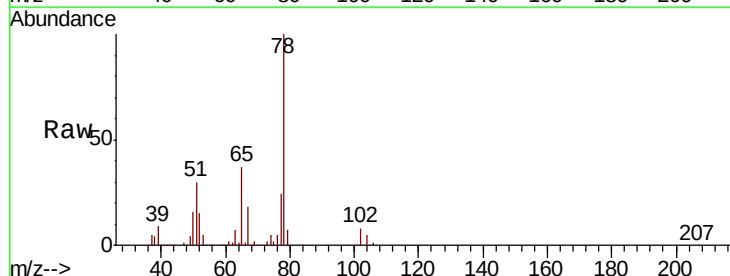
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

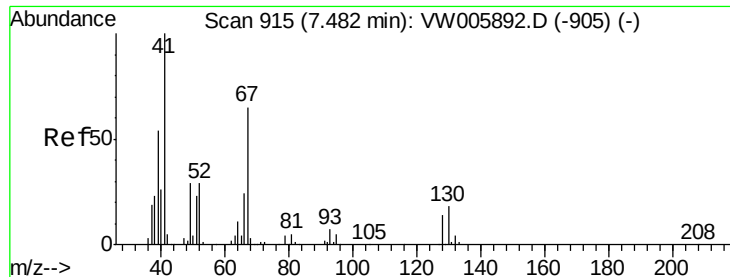
Tgt Ion: 83 Resp: 77007
Ion Ratio Lower Upper
83 100
55 74.0 59.8 89.6
98 47.0 37.1 55.7



#40
Benzene
Concen: 19.299 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion: 78 Resp: 171681
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

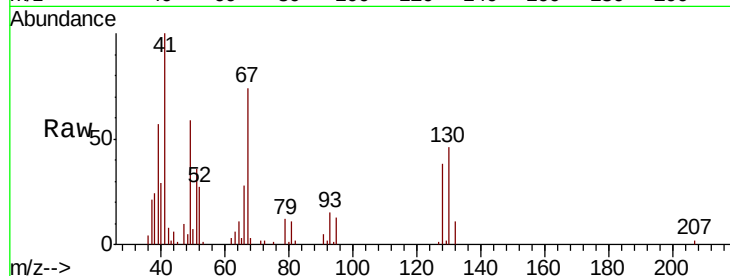




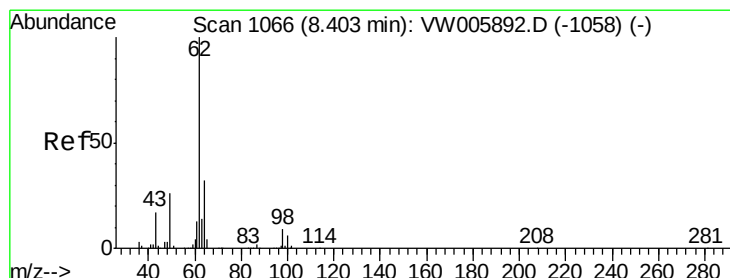
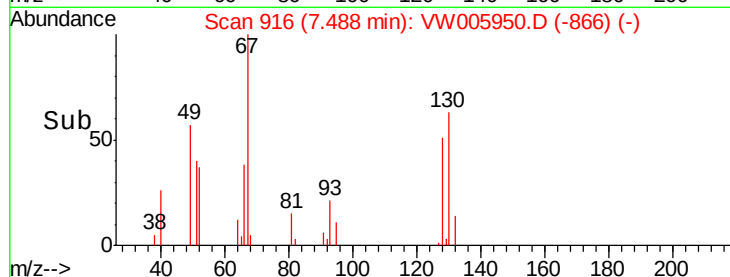
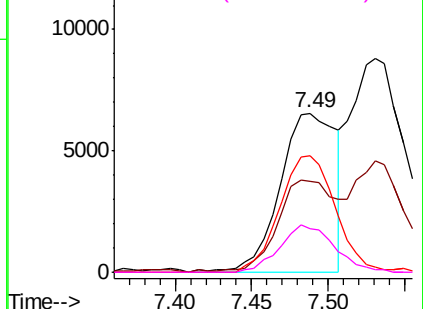
#41
Methacrylonitrile
Concen: 19.466 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tgt Ion:	41	Resp:	16774
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.4
67	72.6	55.8	83.8
52	28.9	25.3	37.9

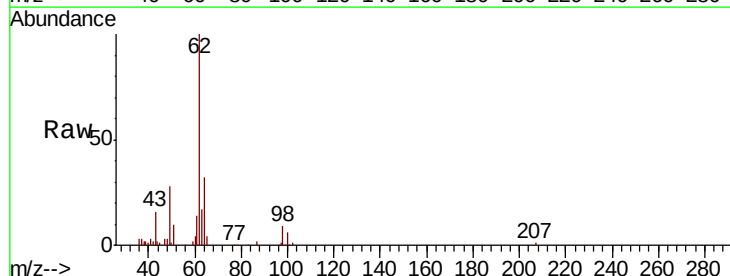


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

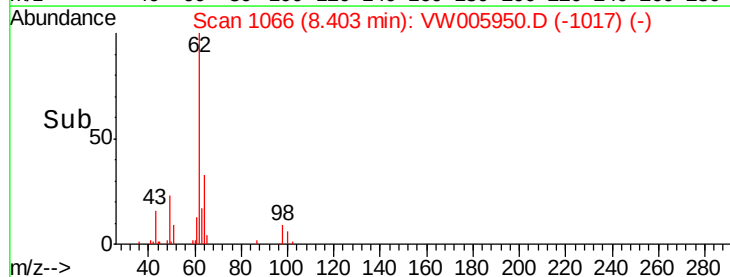
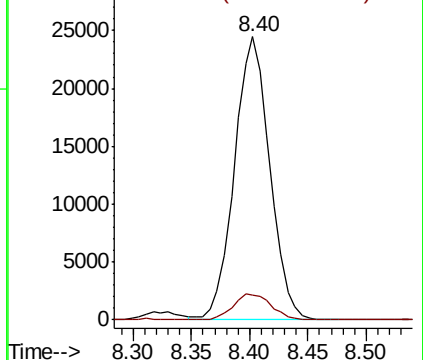


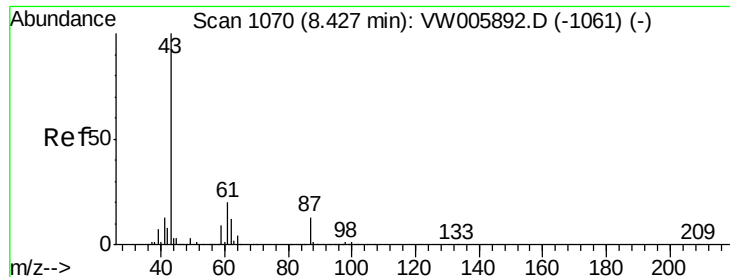
#42
1,2-Dichloroethane
Concen: 19.233 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion:	62	Resp:	51690
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 18.699 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

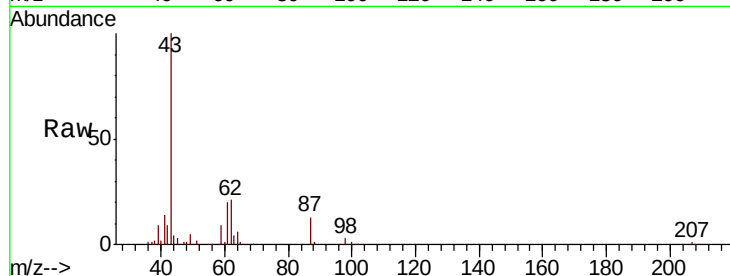
Tgt Ion: 43 Resp: 53764

Ion Ratio Lower Upper

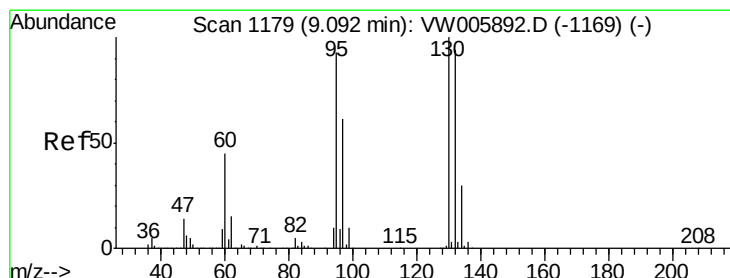
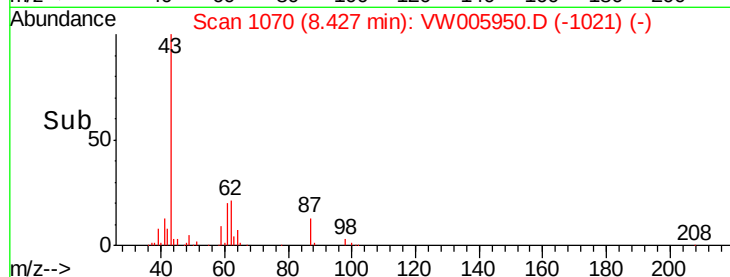
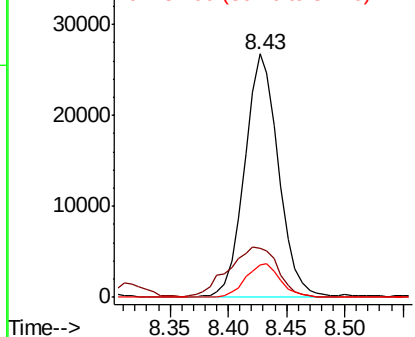
43 100

61 30.4 23.1 34.7

87 14.0 10.7 16.1



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: 19.893 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW005950.D

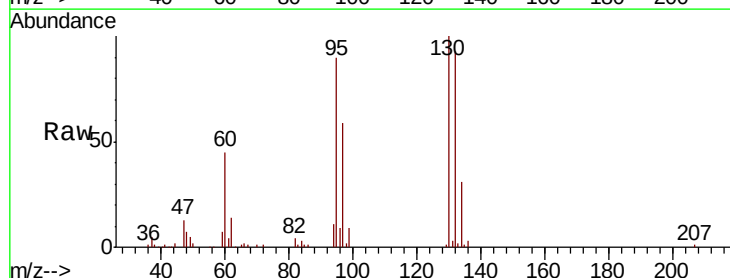
Acq: 09 Oct 2018 21:04

Tgt Ion: 130 Resp: 51344

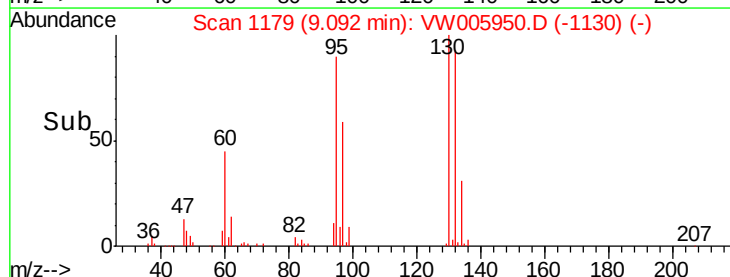
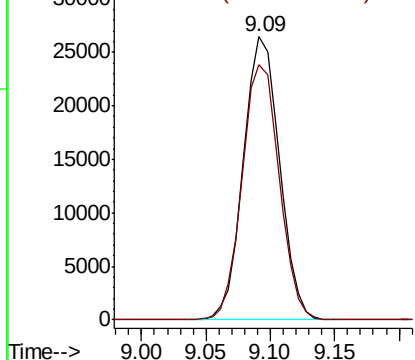
Ion Ratio Lower Upper

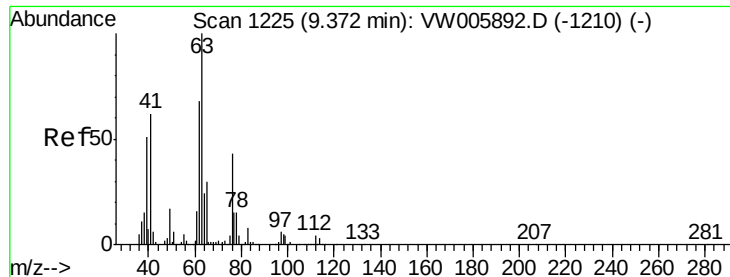
130 100

95 90.0 0.0 185.6



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

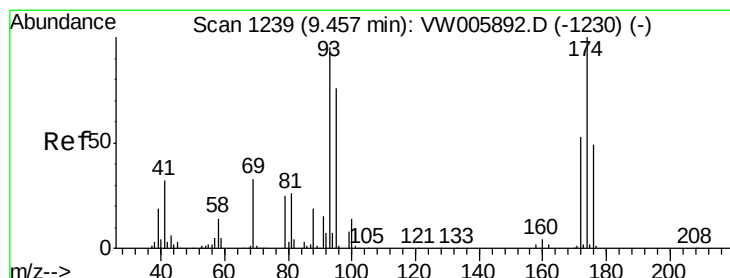
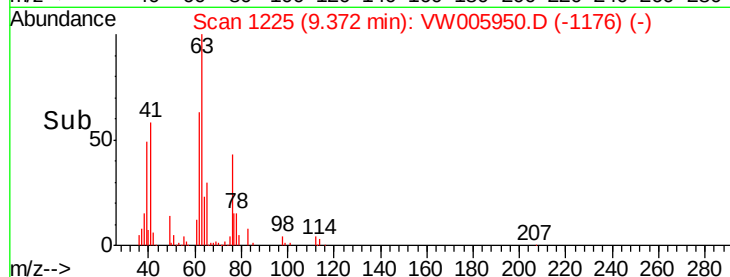
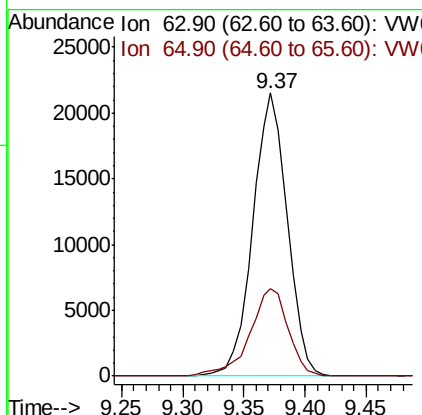
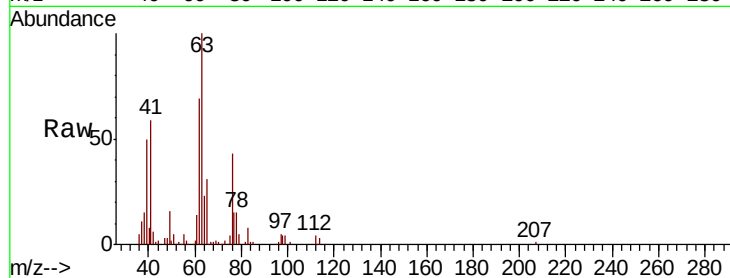




#45
 1,2-Dichloropropane
 Concen: 18.942 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

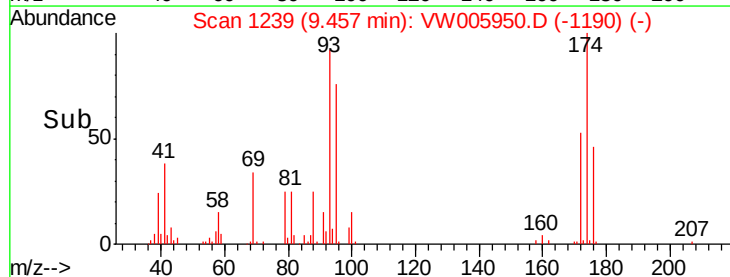
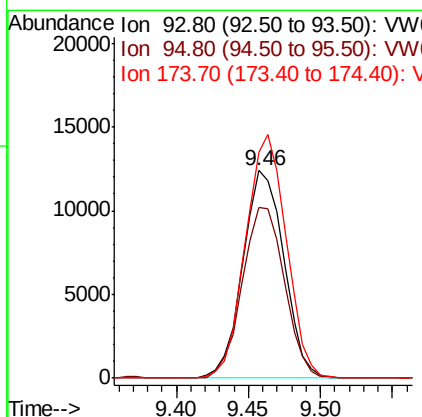
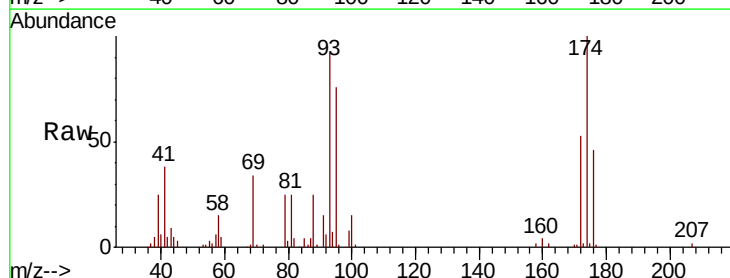
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

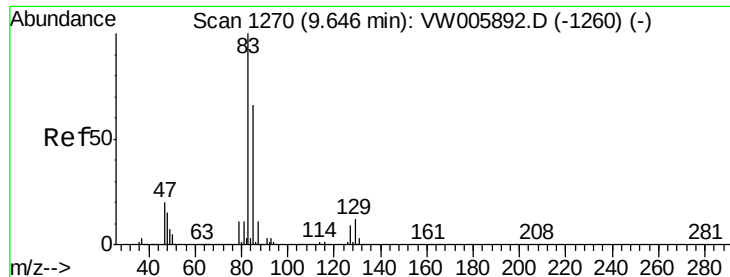
Tgt Ion: 63 Resp: 42178
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 19.975 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion: 93 Resp: 24446
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.6 99.8
 174 116.5 90.4 135.6





#47

Bromodichloromethane

Concen: 19.067 ug/l

RT: 9.65 min Scan# 1270

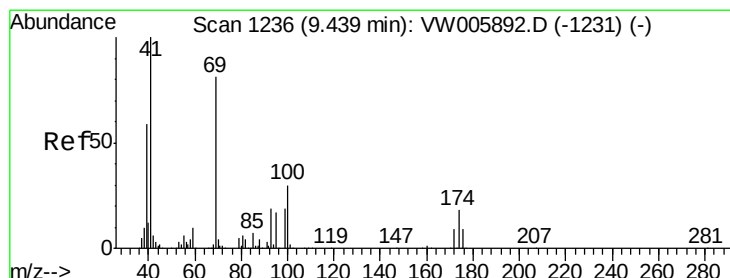
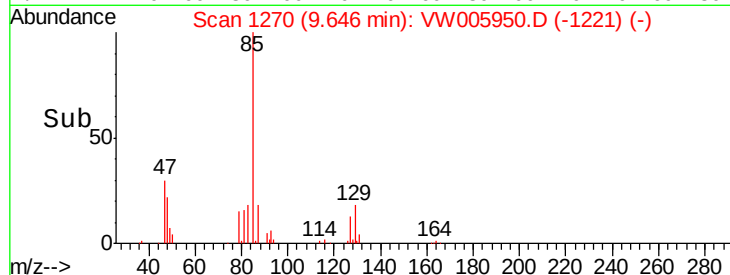
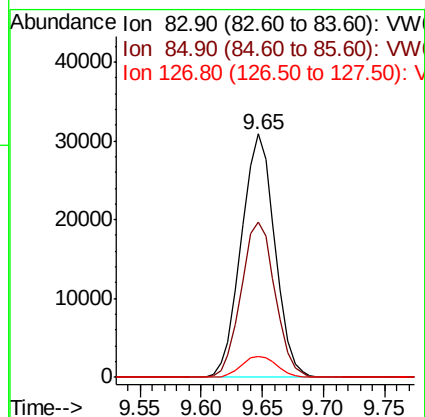
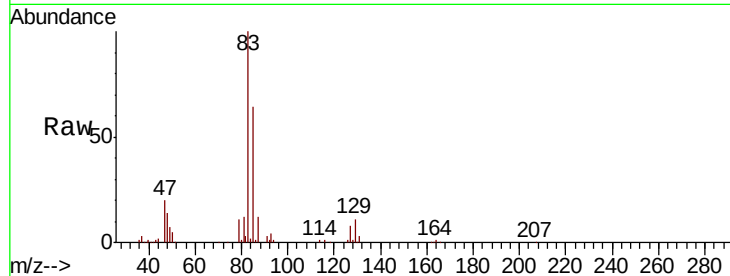
Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tgt Ion:	83	Resp:	58720
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.0	79.6
127	8.4	7.4	11.0



#48

Methyl methacrylate

Concen: 18.338 ug/l

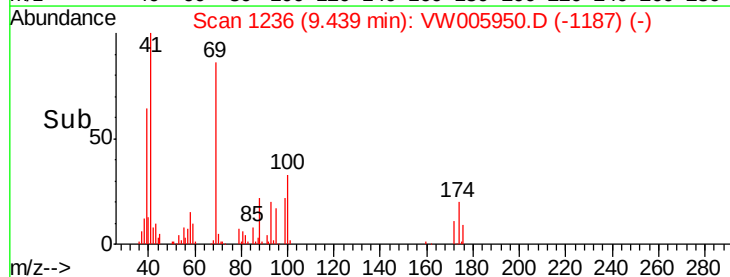
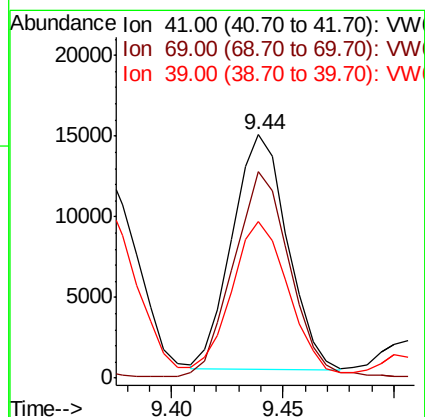
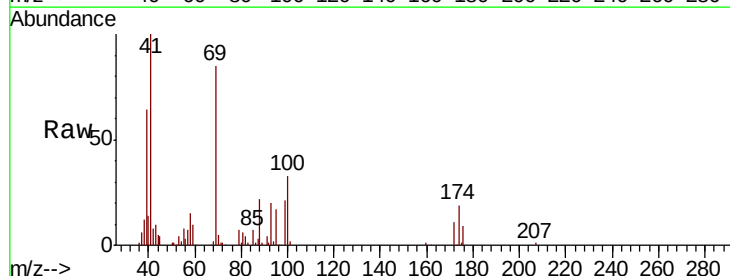
RT: 9.44 min Scan# 1236

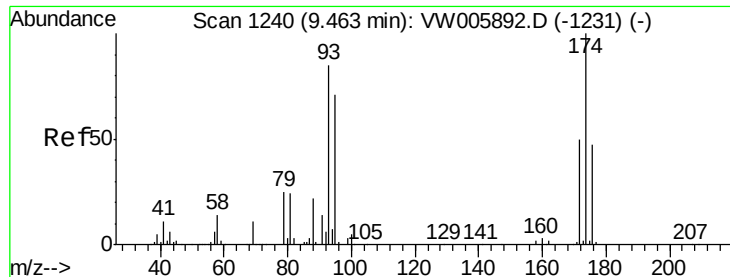
Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Tgt Ion:	41	Resp:	25117
Ion	Ratio	Lower	Upper
41	100		
69	91.7	68.7	103.1
39	69.6	50.0	75.0





#49

1,4-Dioxane

Concen: 475.811 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.02 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

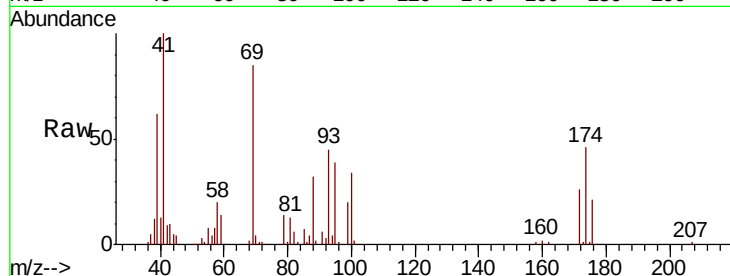
Tgt Ion: 88 Resp: 8845

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

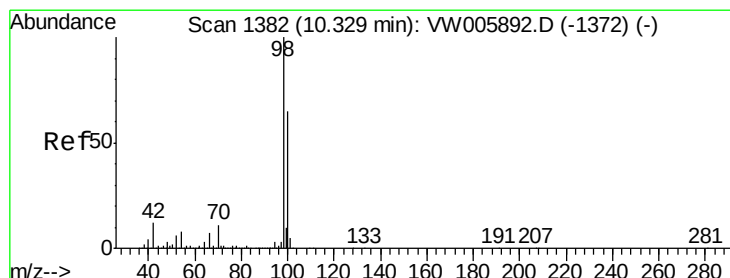
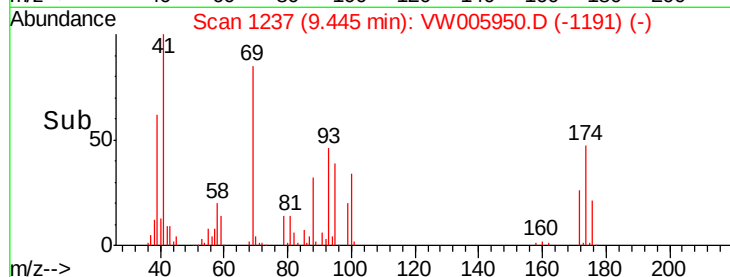
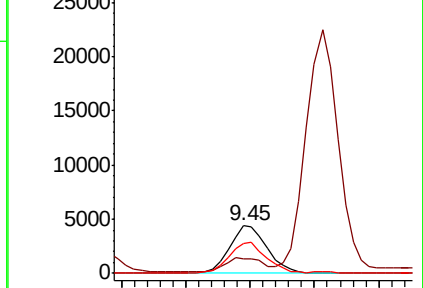
58 65.5 57.7 86.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.821 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005950.D

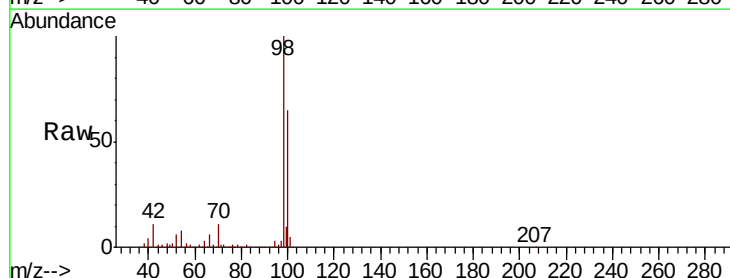
Acq: 09 Oct 2018 21:04

Tgt Ion: 98 Resp: 423454

Ion Ratio Lower Upper

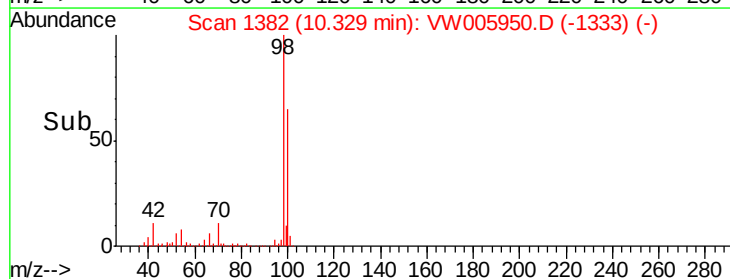
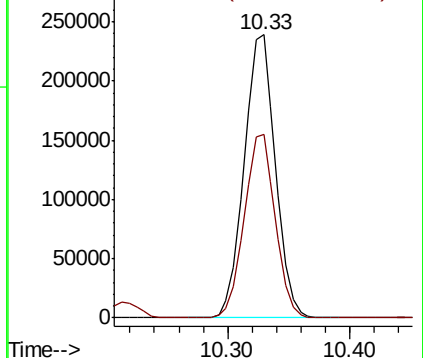
98 100

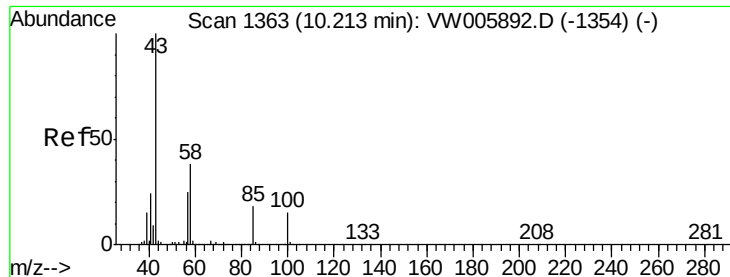
100 64.3 51.9 77.9



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: 99.033 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

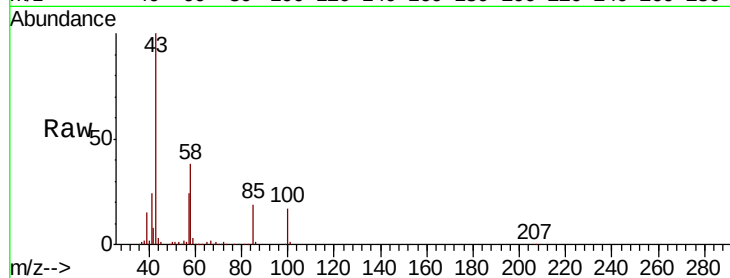
VW1010SBS01

Tgt Ion: 43 Resp: 138656

Ion Ratio Lower Upper

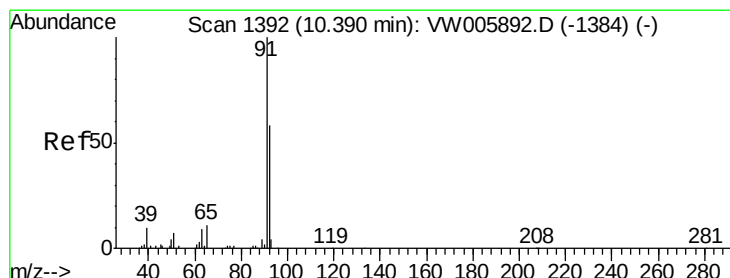
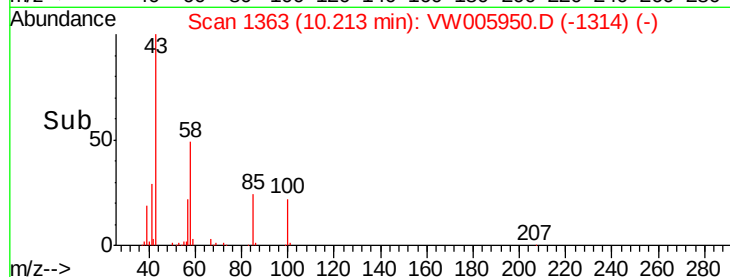
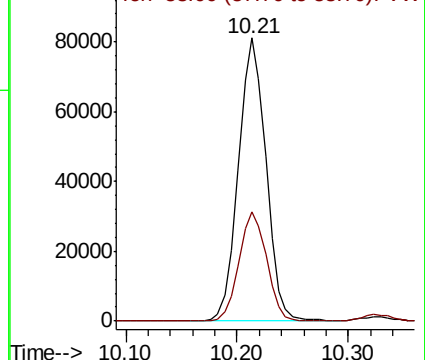
43 100

58 38.9 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.459 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005950.D

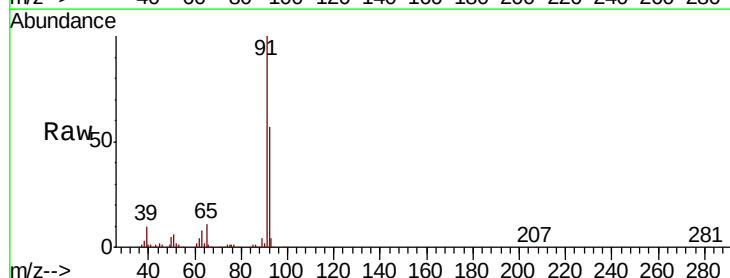
Acq: 09 Oct 2018 21:04

Tgt Ion: 92 Resp: 113718

Ion Ratio Lower Upper

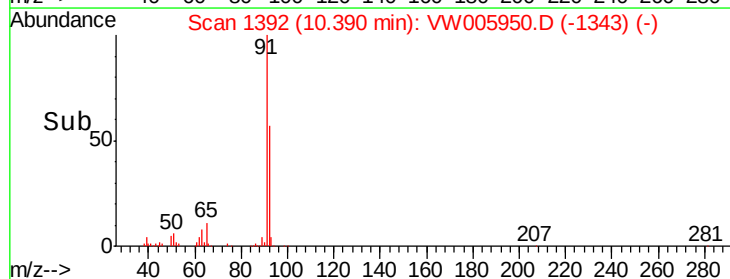
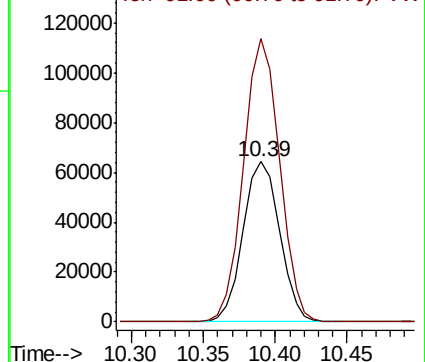
92 100

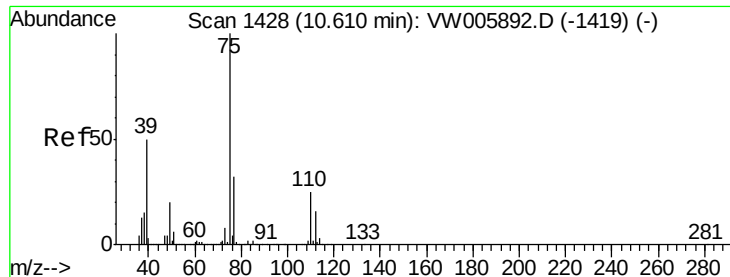
91 173.8 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 17.687 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

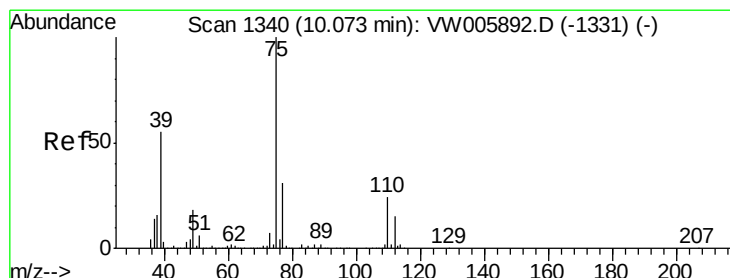
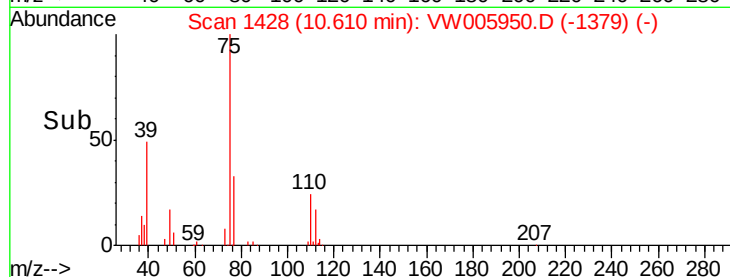
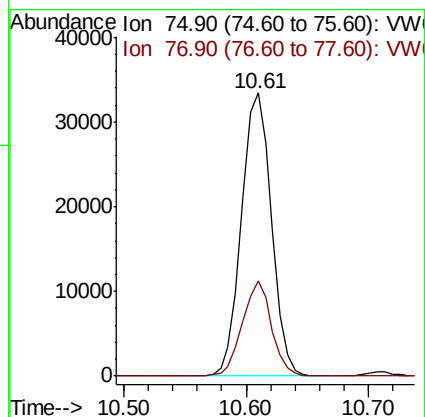
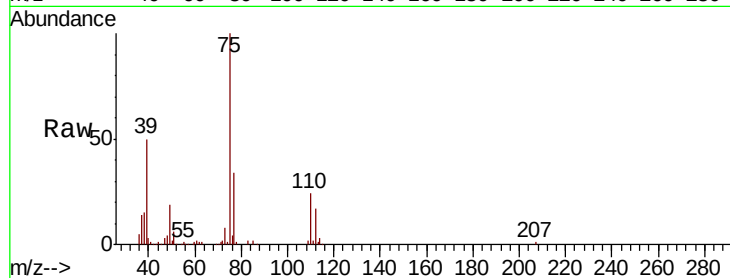
VW1010SBS01

Tgt Ion: 75 Resp: 56924

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.312 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

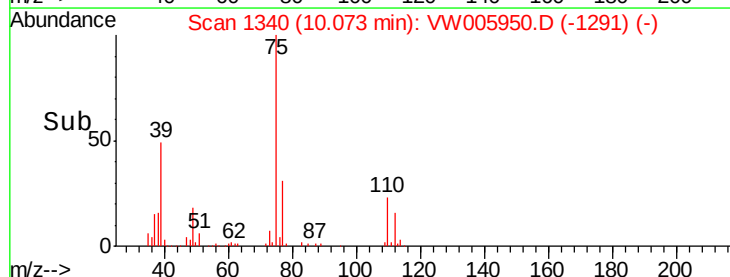
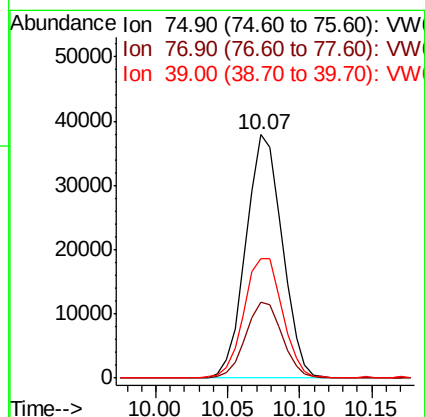
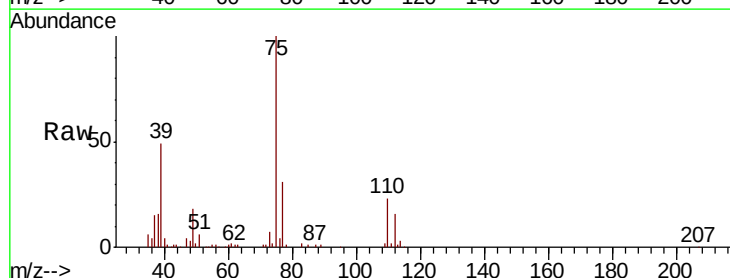
Tgt Ion: 75 Resp: 66249

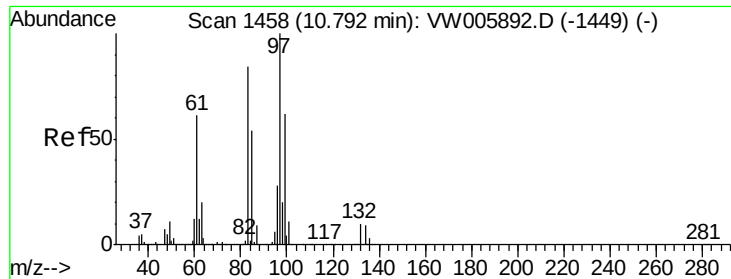
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 49.1 44.2 66.4

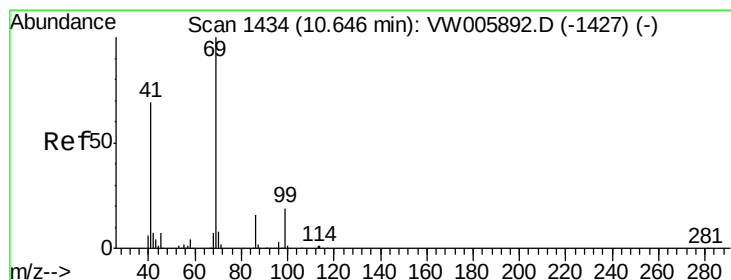
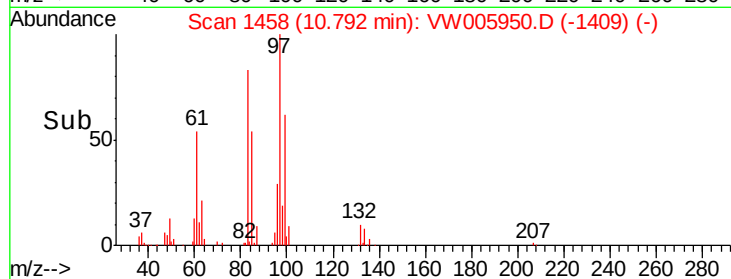
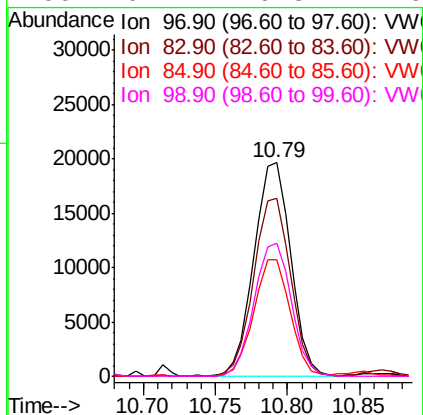
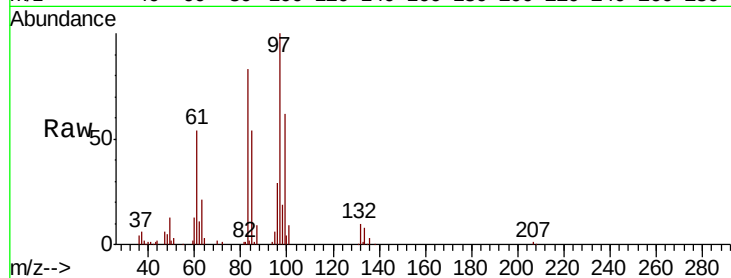




#55
 1,1,2-Trichloroethane
 Concen: 20.516 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

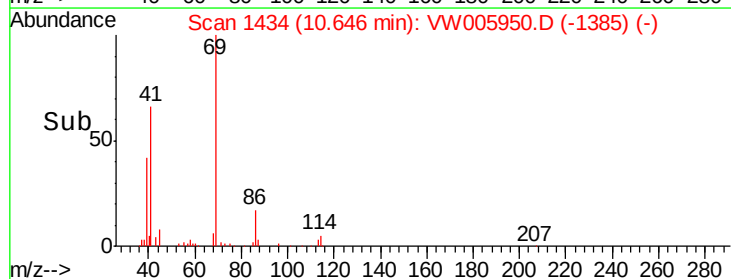
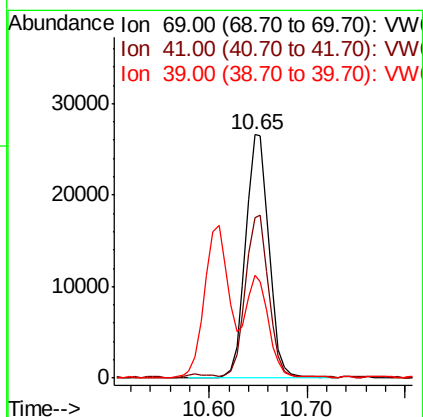
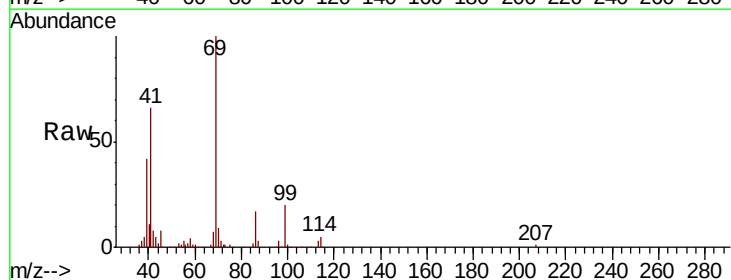
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

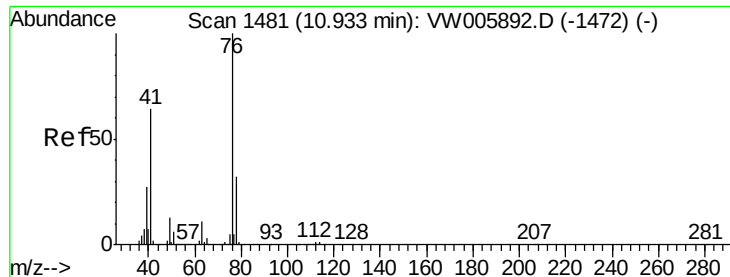
Tgt Ion:	97	Resp:	34776
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.9	100.3
85	54.3	43.4	65.0
99	62.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.336 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion:	69	Resp:	44176
Ion	Ratio	Lower	Upper
69	100		
41	66.1	56.0	84.0
39	41.2	33.5	50.3





#57

1,3-Dichloropropane

Concen: 19.811 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

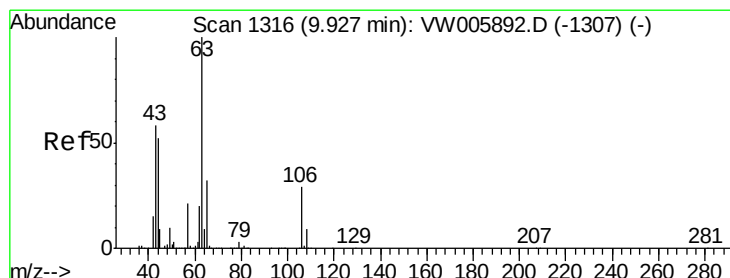
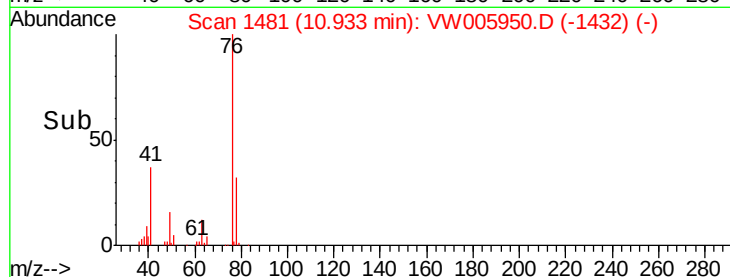
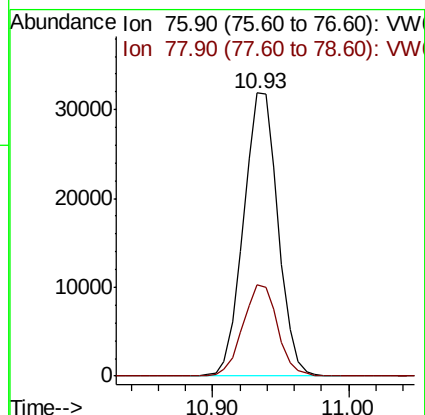
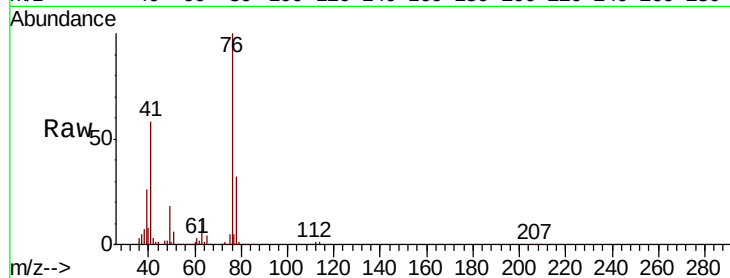
VW1010SBS01

Tgt Ion: 76 Resp: 56495

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.300 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005950.D

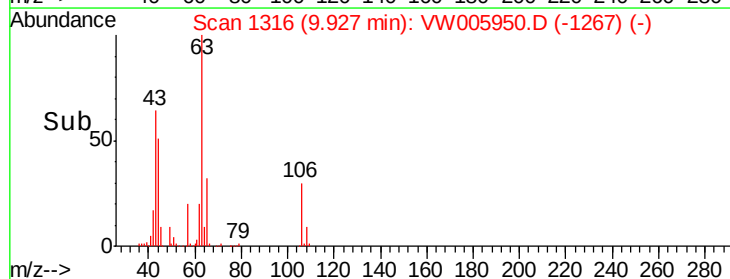
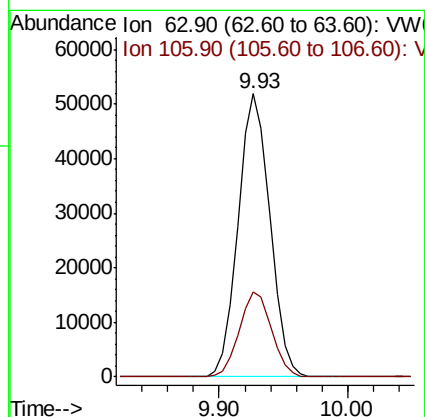
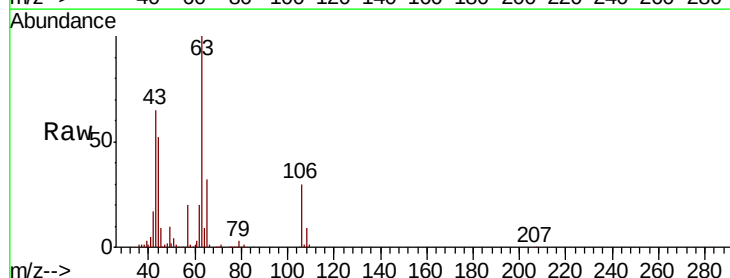
Acq: 09 Oct 2018 21:04

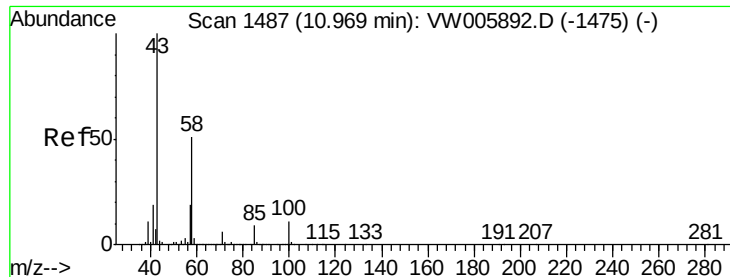
Tgt Ion: 63 Resp: 88591

Ion Ratio Lower Upper

63 100

106 30.3 23.6 35.4





#59

2-Hexanone

Concen: 96.471 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

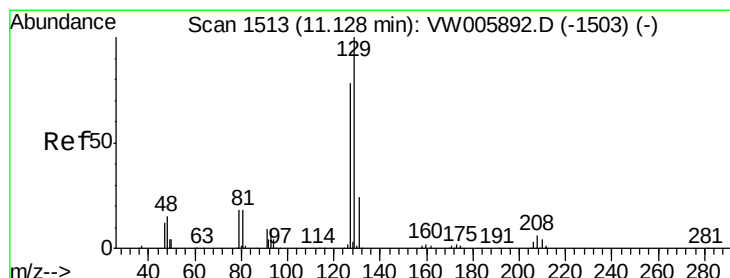
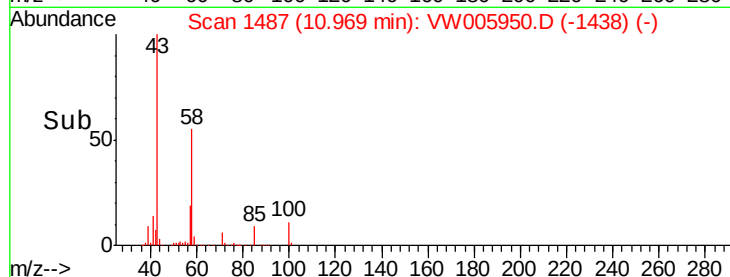
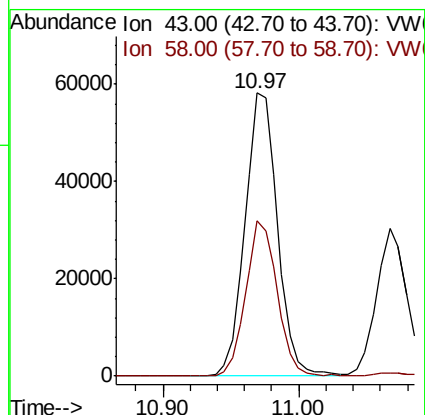
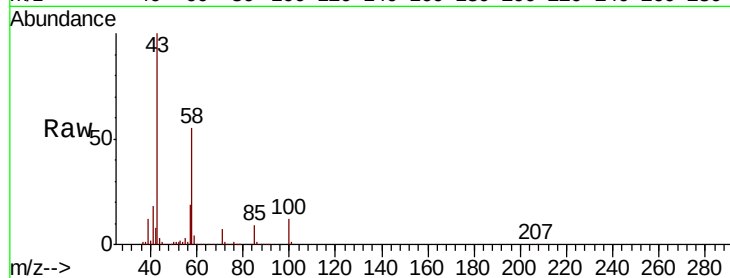
VW1010SBS01

Tgt Ion: 43 Resp: 96847

Ion Ratio Lower Upper

43 100

58 53.5 25.7 77.1



#60

Dibromochloromethane

Concen: 19.327 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW005950.D

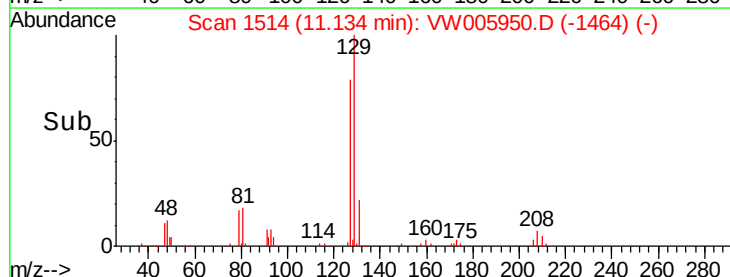
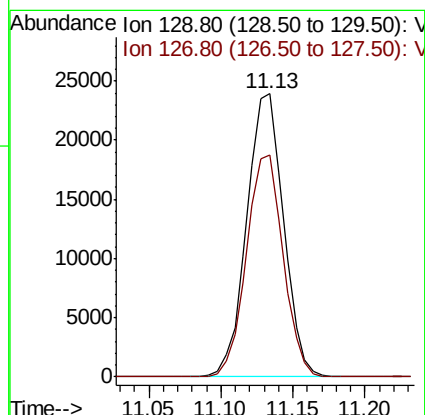
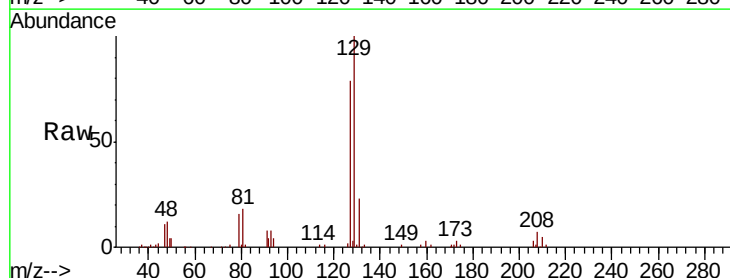
Acq: 09 Oct 2018 21:04

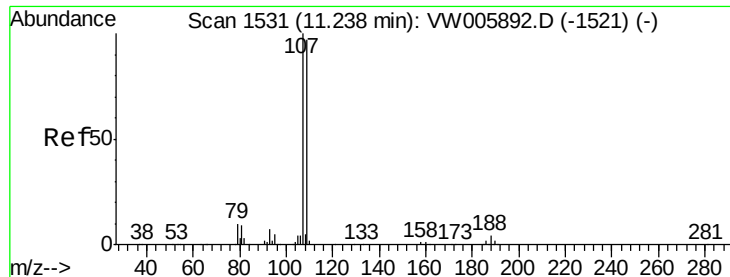
Tgt Ion: 129 Resp: 42276

Ion Ratio Lower Upper

129 100

127 78.1 38.5 115.5

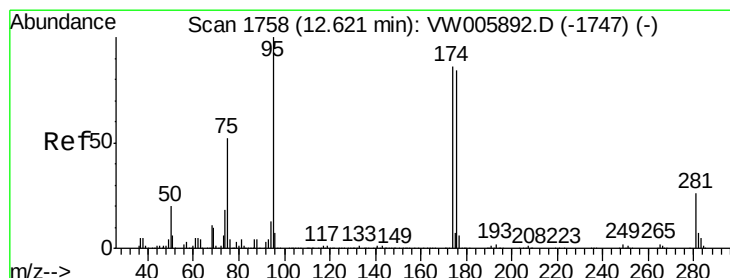
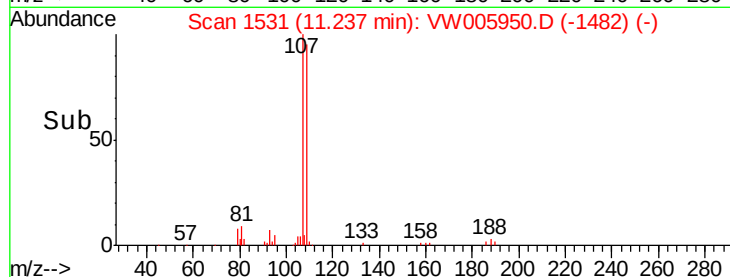
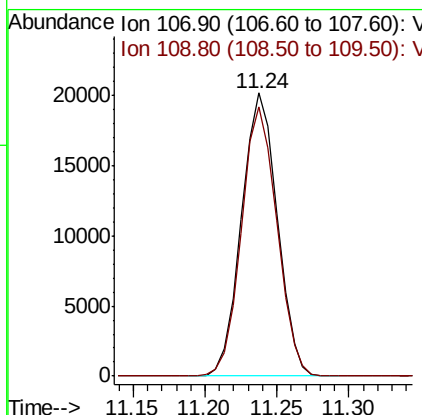
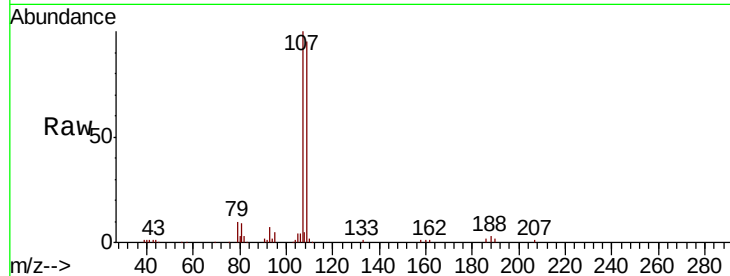




#61
 1,2-Dibromoethane
 Concen: 20.509 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

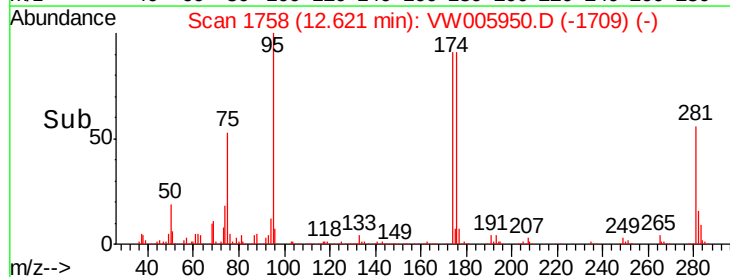
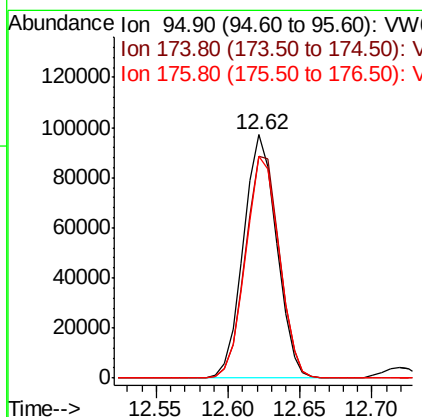
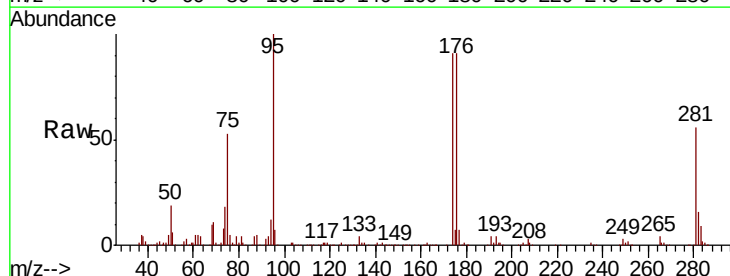
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

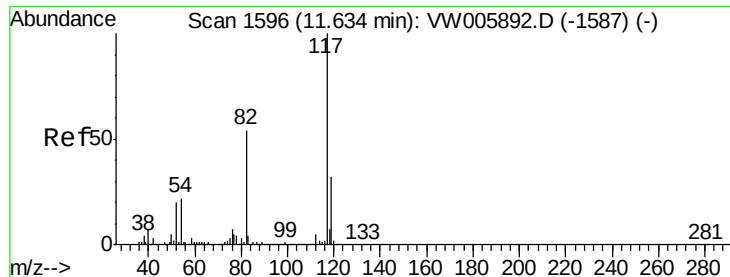
Tgt Ion: 107 Resp: 34739
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.898 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion: 95 Resp: 155015
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 176.4
 176 91.7 0.0 173.0

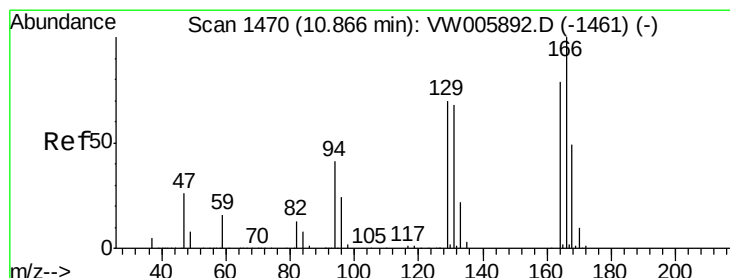
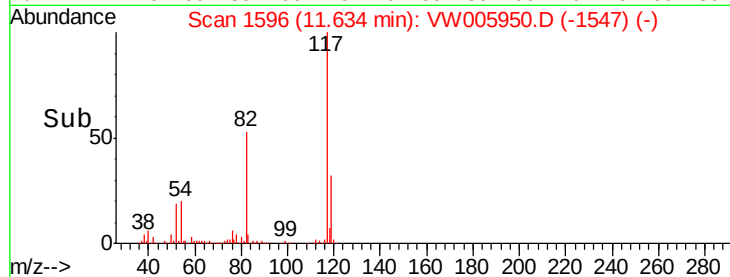
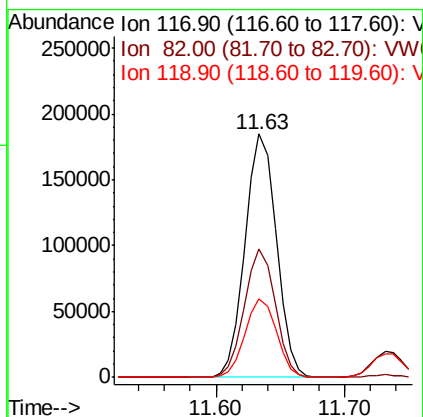
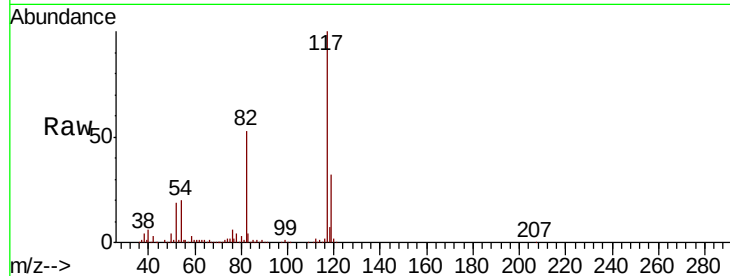




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

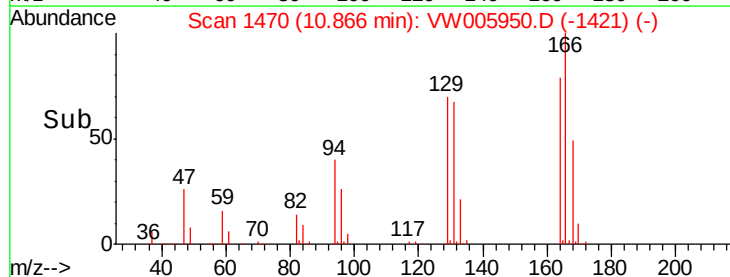
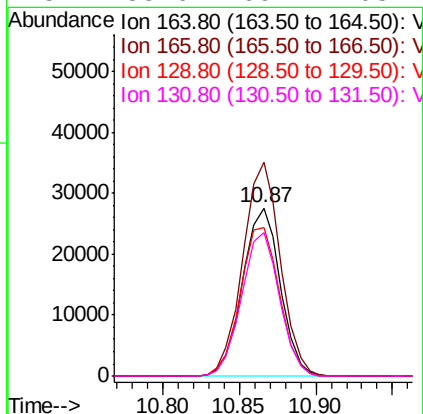
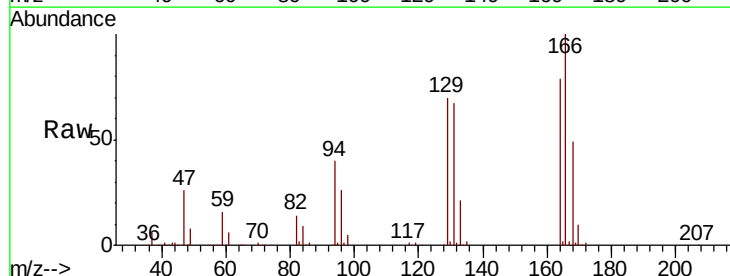
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

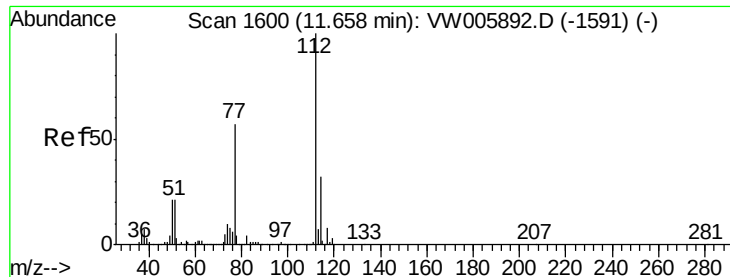
Tgt Ion:117 Resp: 310466
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 20.393 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion:164 Resp: 47162
Ion Ratio Lower Upper
164 100
166 127.1 101.5 152.3
129 88.6 71.1 106.7
131 85.6 69.1 103.7

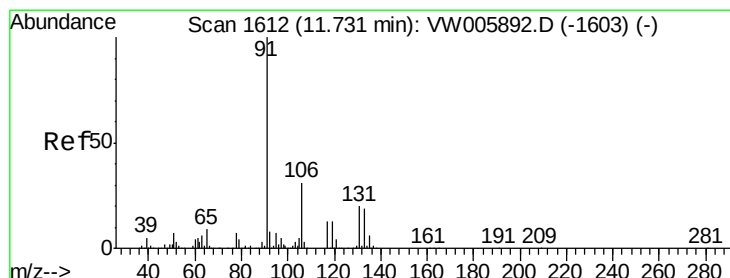
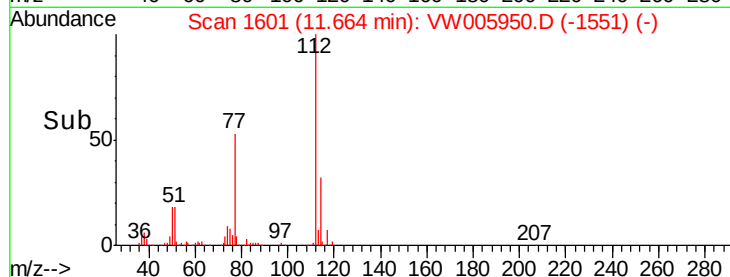
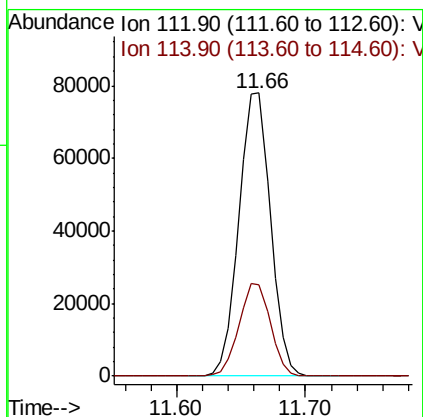
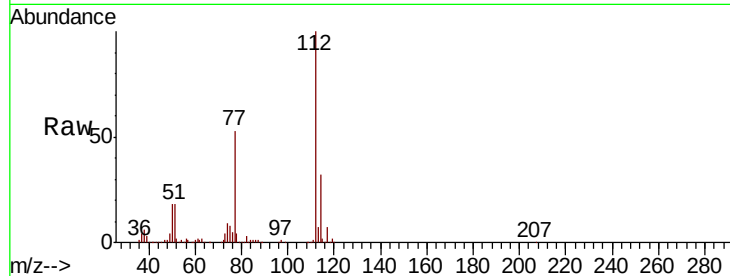




#65
Chlorobenzene
Concen: 19.954 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

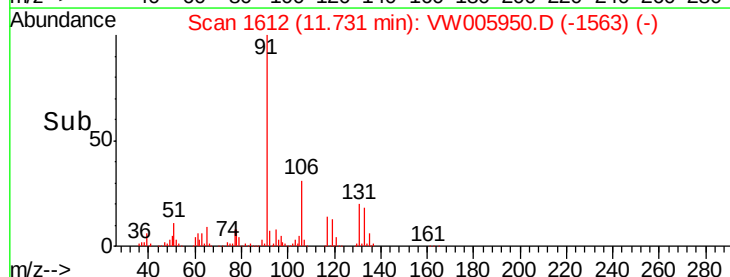
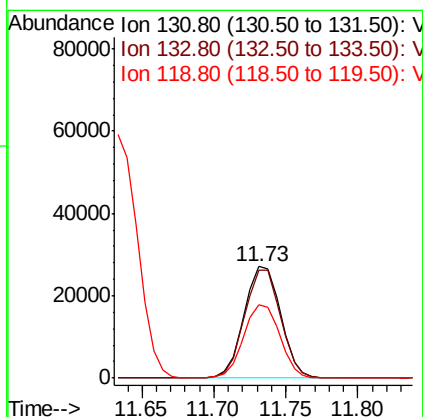
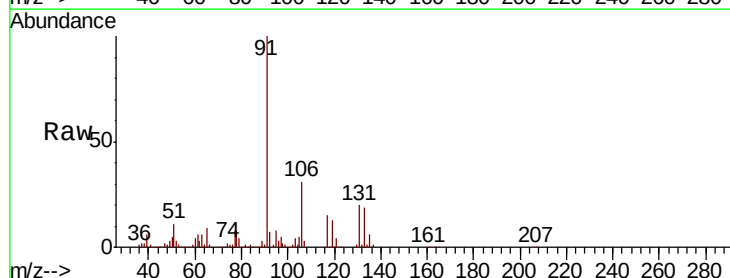
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

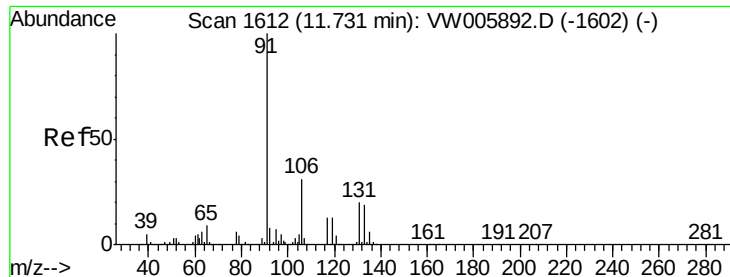
Tgt Ion:112 Resp: 132698
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.501 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion:131 Resp: 47536
Ion Ratio Lower Upper
131 100
133 96.7 48.2 144.6
119 65.7 32.5 97.5

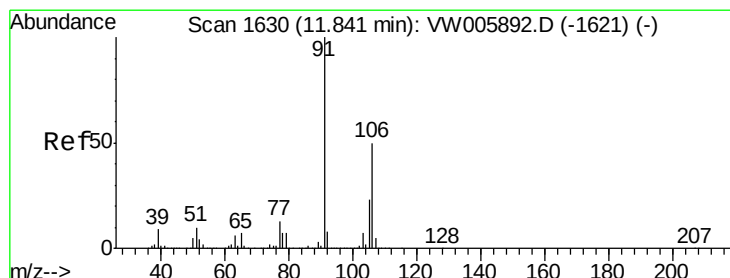
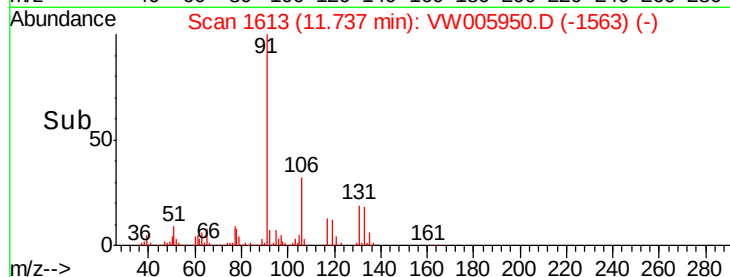
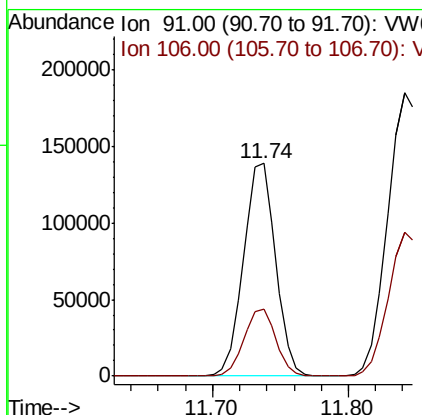
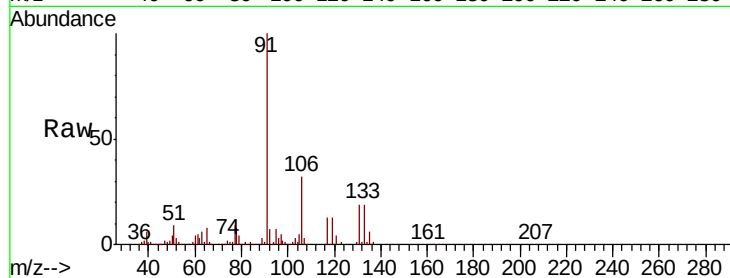




#67
Ethyl Benzene
Concen: 19.508 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

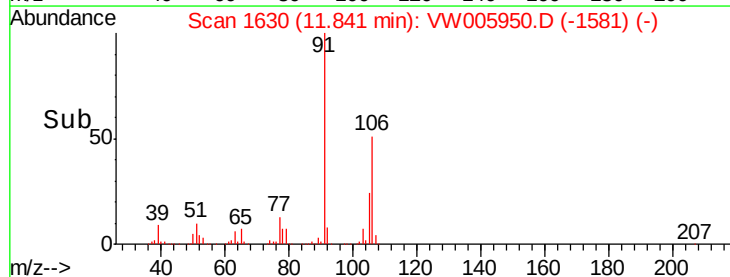
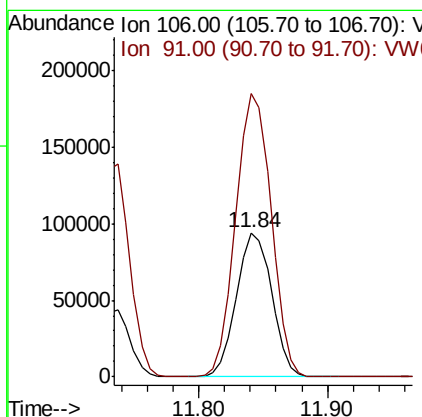
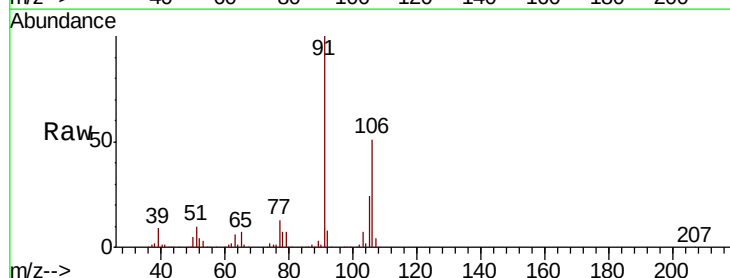
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

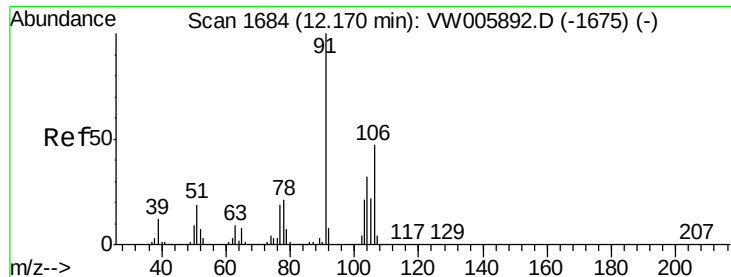
Tgt Ion: 91 Resp: 229148
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 38.995 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion: 106 Resp: 179006
Ion Ratio Lower Upper
106 100
91 197.7 160.2 240.2

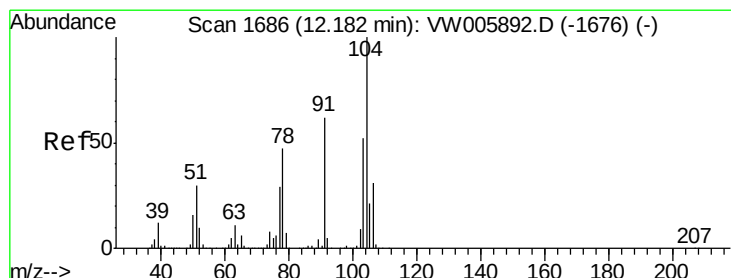
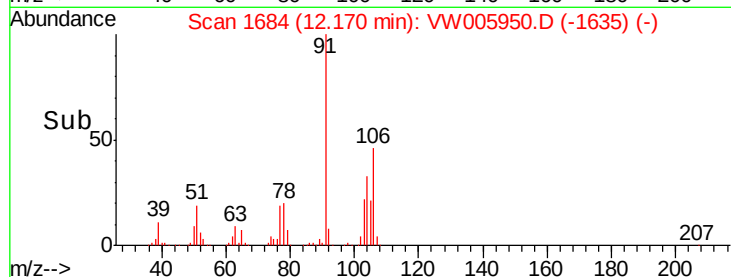
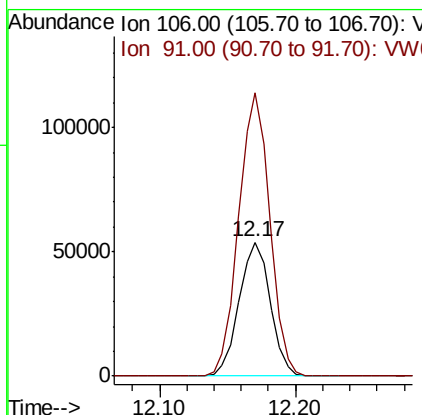
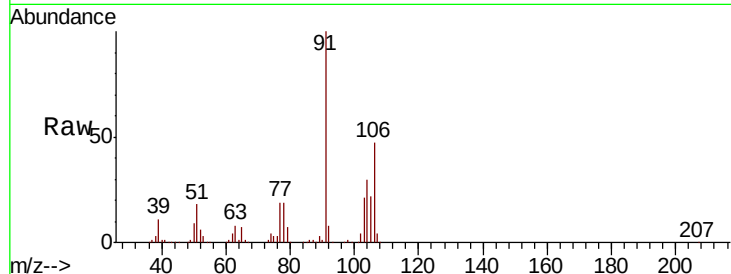




#69
o-Xylene
Concen: 19.623 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

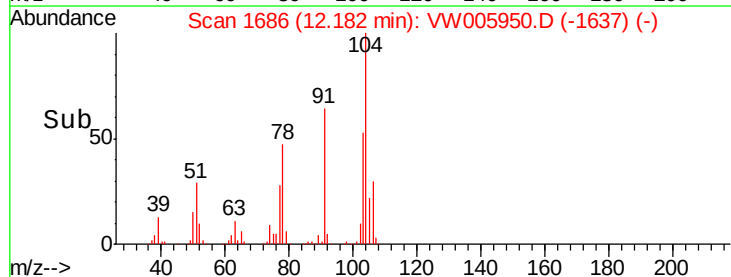
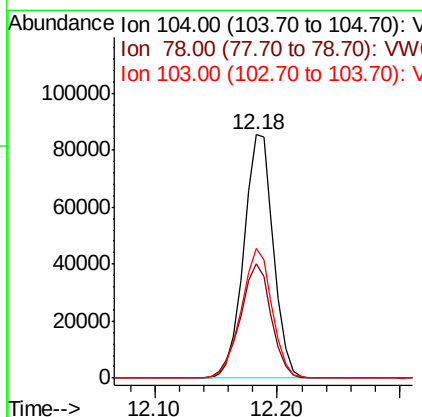
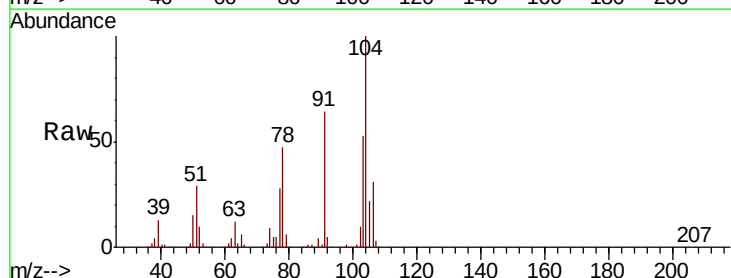
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

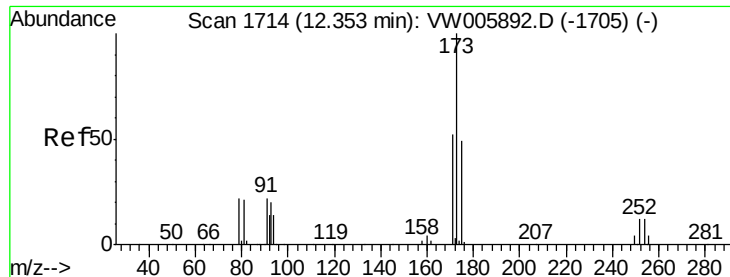
Tgt Ion:106 Resp: 86239
Ion Ratio Lower Upper
106 100
91 210.8 106.2 318.5



#70
Styrene
Concen: 19.590 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005950.D
Acq: 09 Oct 2018 21:04

Tgt Ion:104 Resp: 142841
Ion Ratio Lower Upper
104 100
78 49.2 40.4 60.6
103 55.4 44.2 66.2





#71

Bromoform

Concen: 18.487 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

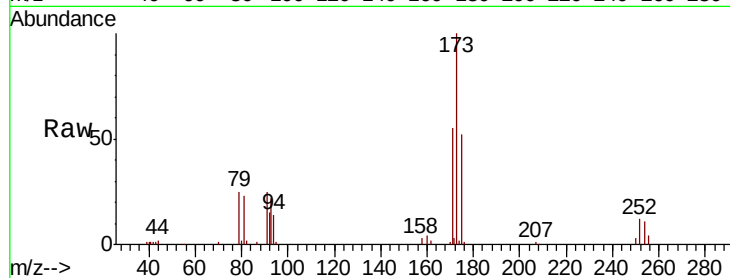
Tgt Ion:173 Resp: 26843

Ion Ratio Lower Upper

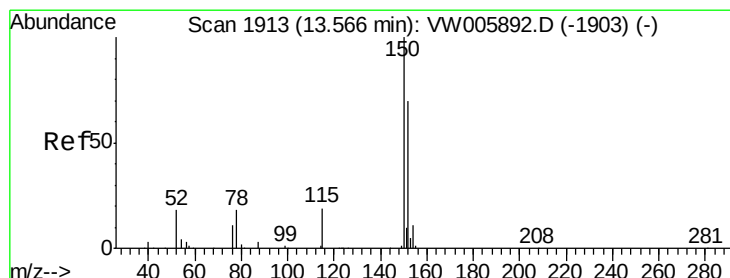
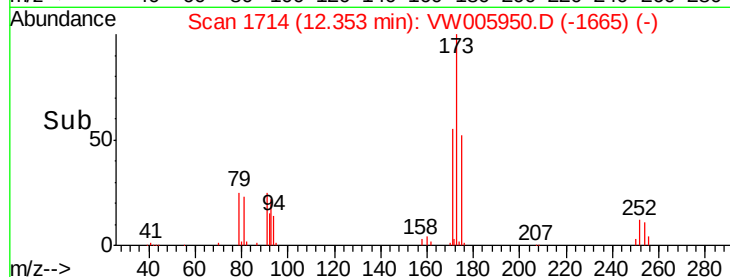
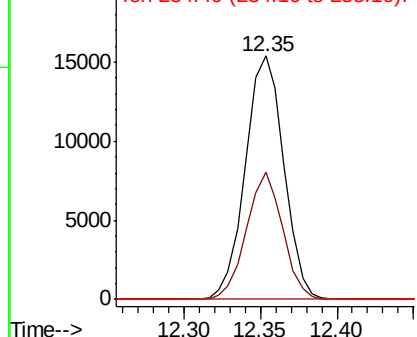
173 100

175 48.9 24.7 74.1

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# 1913

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

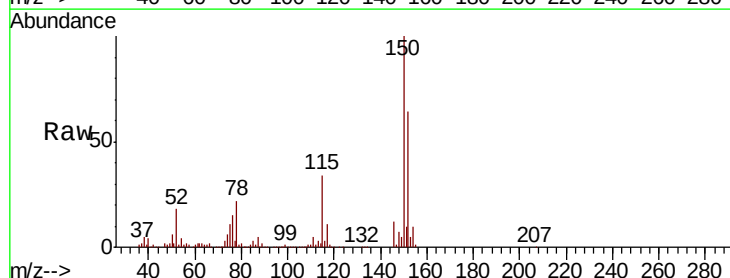
Tgt Ion:152 Resp: 173067

Ion Ratio Lower Upper

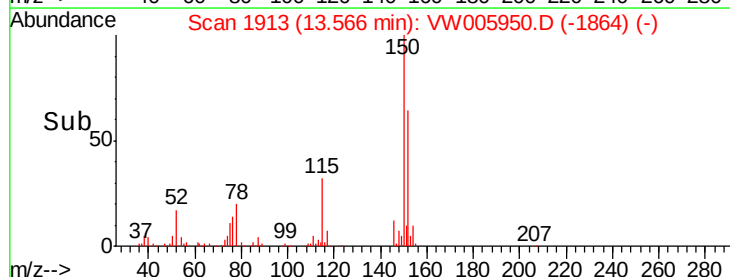
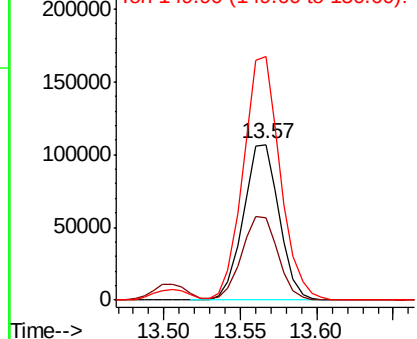
152 100

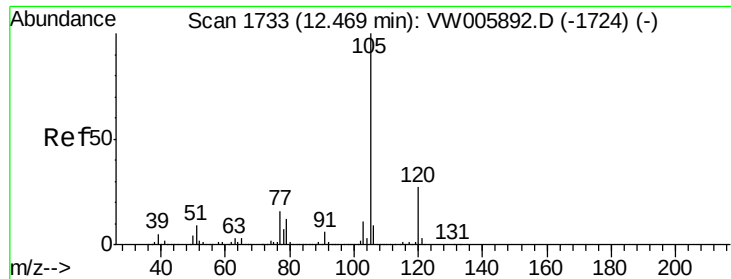
115 54.6 28.3 85.0

150 161.7 0.0 349.2



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





#73

Isopropylbenzene

Concen: 18.928 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

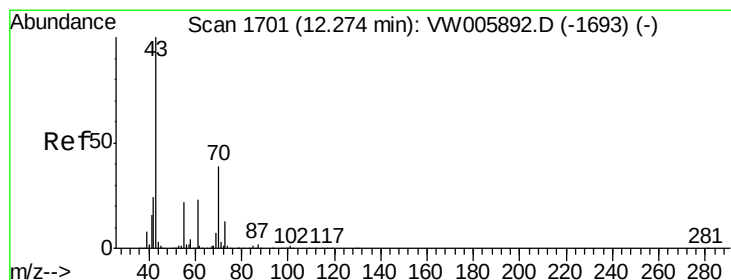
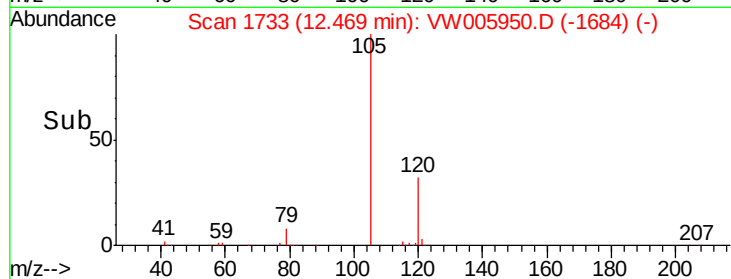
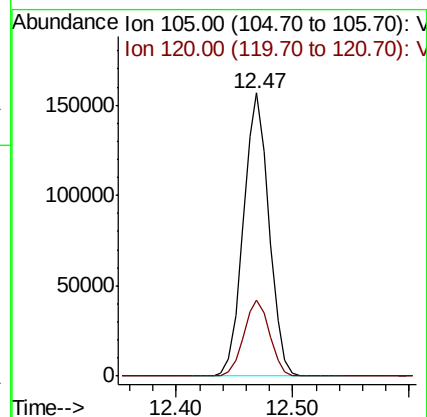
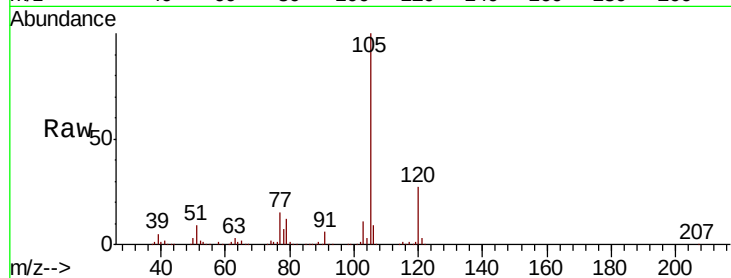
VW1010SBS01

Tgt Ion:105 Resp: 239235

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 18.344 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Tgt Ion: 43 Resp: 55065

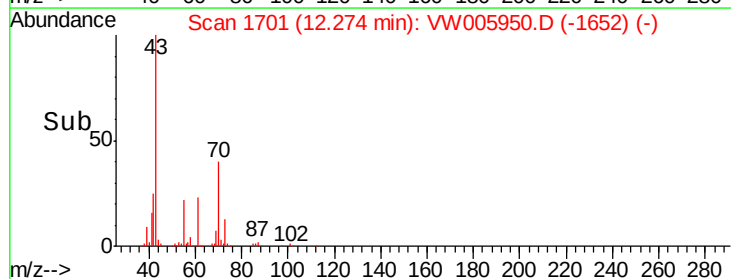
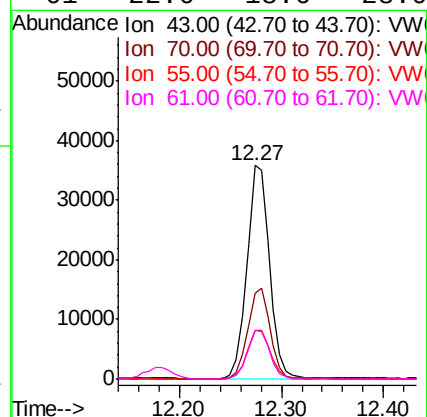
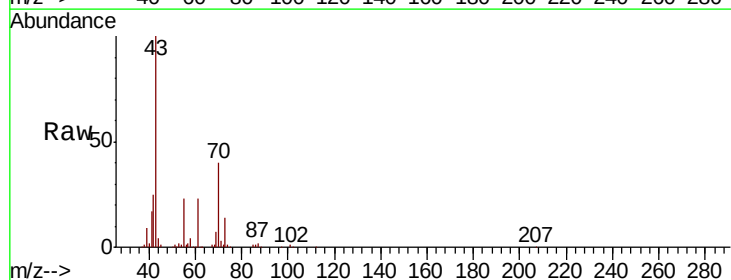
Ion Ratio Lower Upper

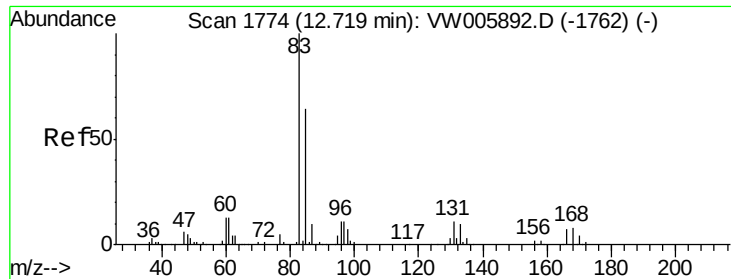
43 100

70 42.2 31.6 47.4

55 23.8 17.9 26.9

61 22.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.115 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

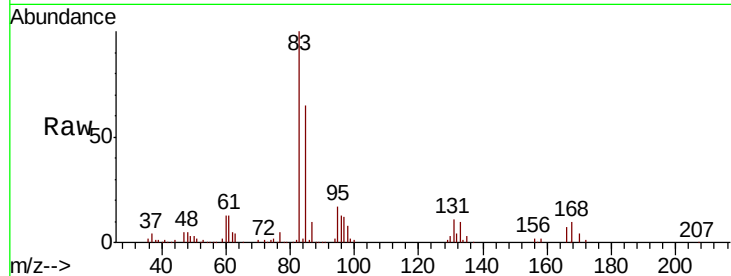
Tgt Ion: 83 Resp: 41672

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

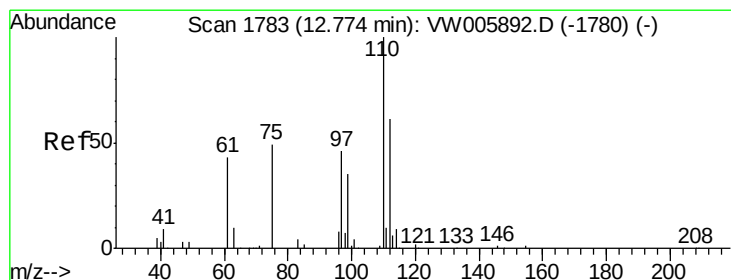
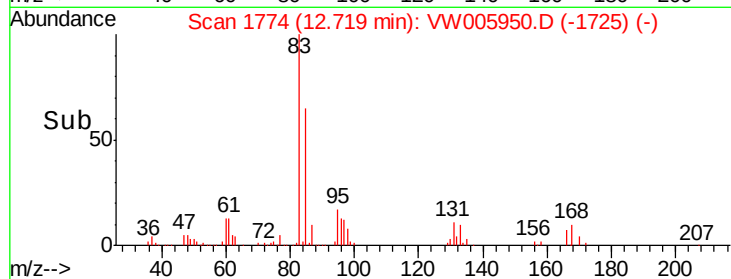
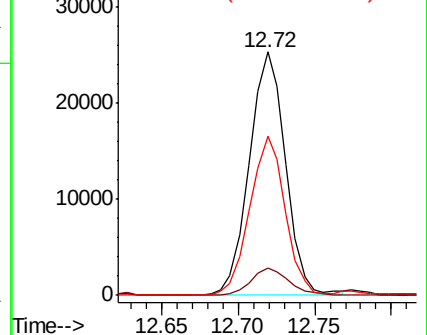
85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.240 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005950.D

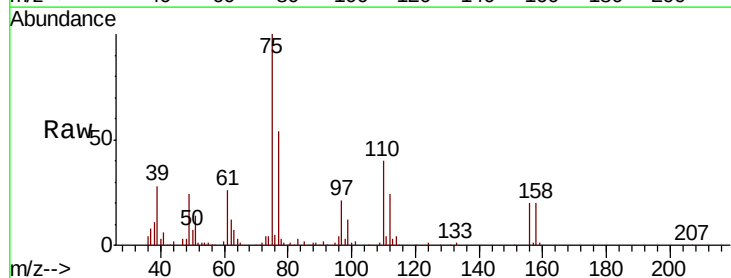
Acq: 09 Oct 2018 21:04

Tgt Ion: 75 Resp: 52934

Ion Ratio Lower Upper

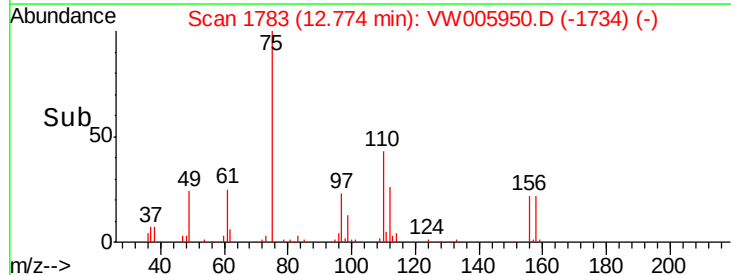
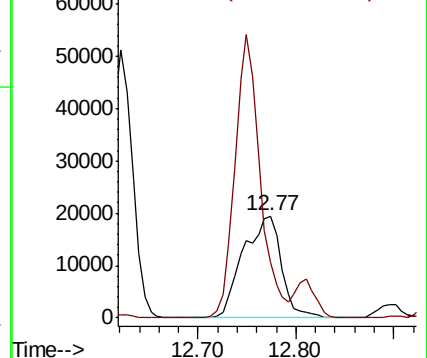
75 100

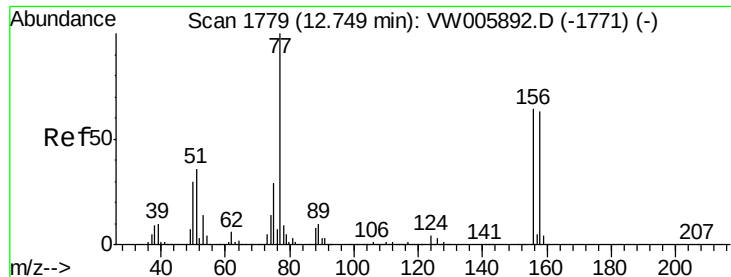
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.031 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

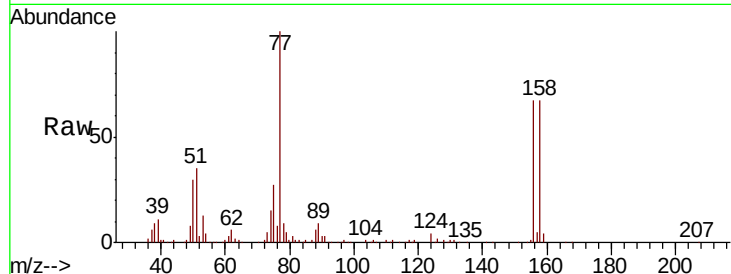
Tgt Ion:156 Resp: 59983

Ion Ratio Lower Upper

156 100

77 161.7 85.8 257.4

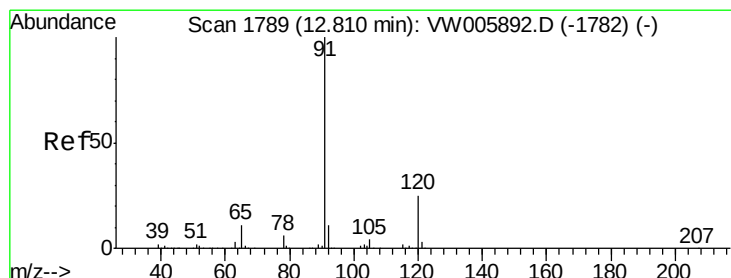
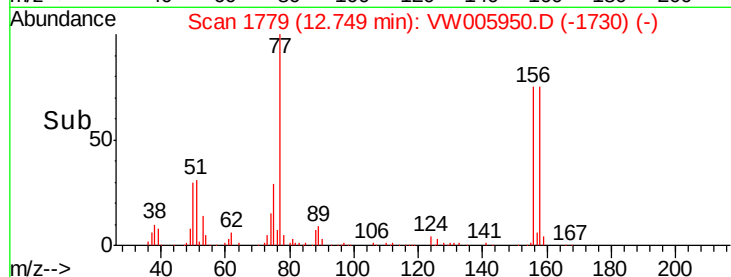
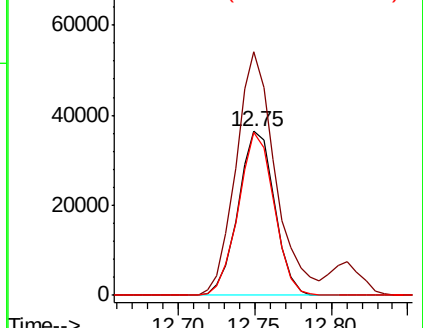
158 97.8 49.1 147.4



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: 18.809 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005950.D

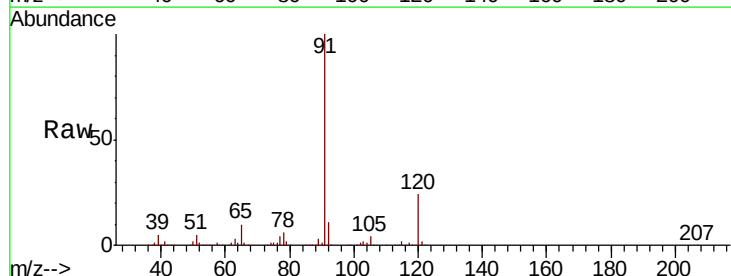
Acq: 09 Oct 2018 21:04

Tgt Ion: 91 Resp: 279655

Ion Ratio Lower Upper

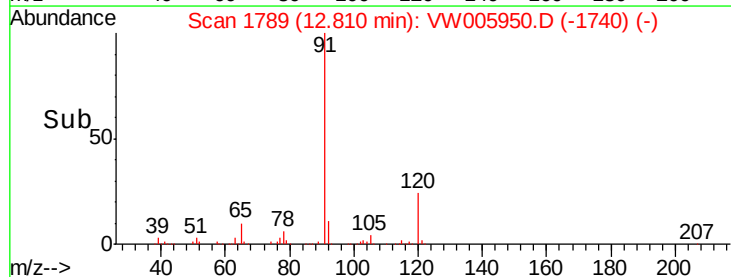
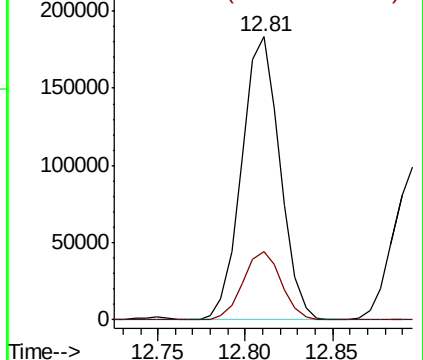
91 100

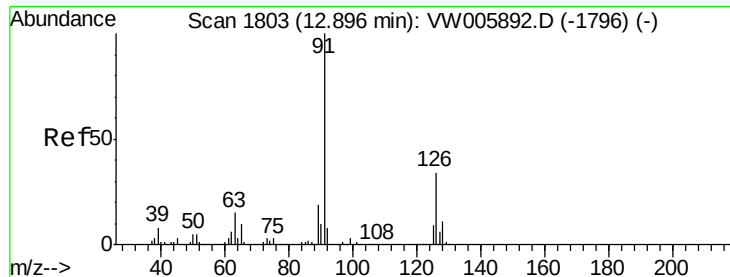
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.885 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

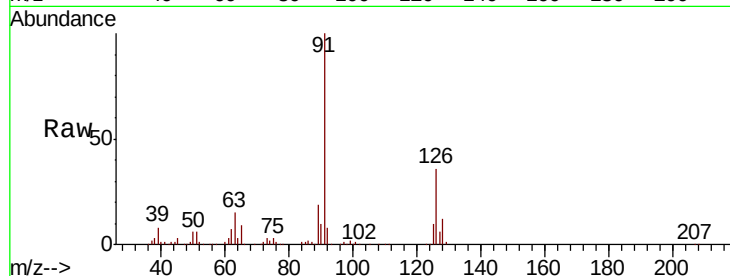
VW1010SBS01

Tgt Ion: 91 Resp: 158503

Ion Ratio Lower Upper

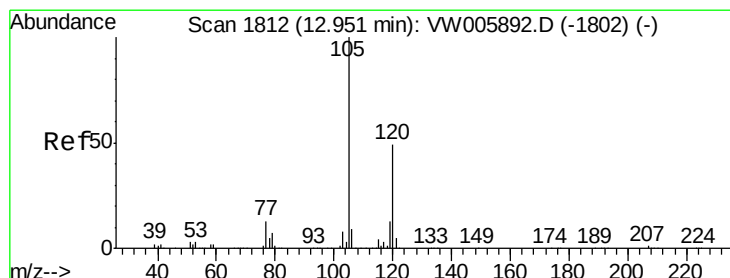
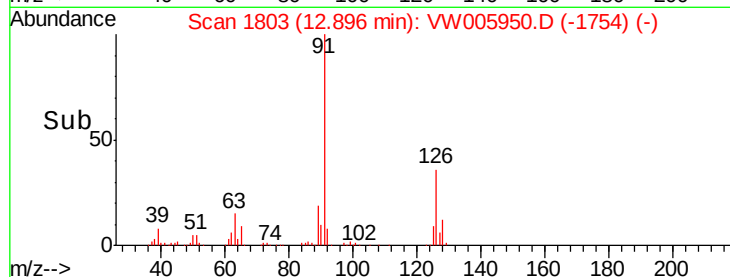
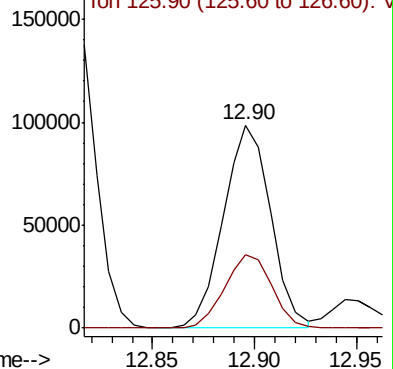
91 100

126 36.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.014 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005950.D

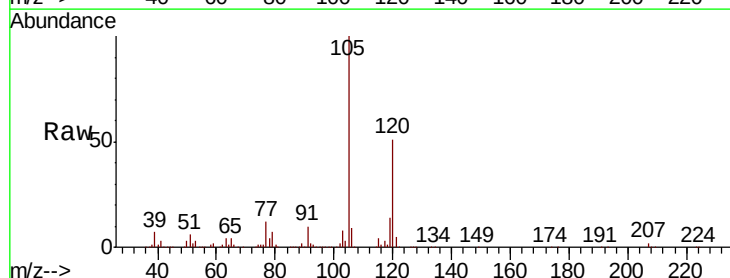
Acq: 09 Oct 2018 21:04

Tgt Ion: 105 Resp: 202892

Ion Ratio Lower Upper

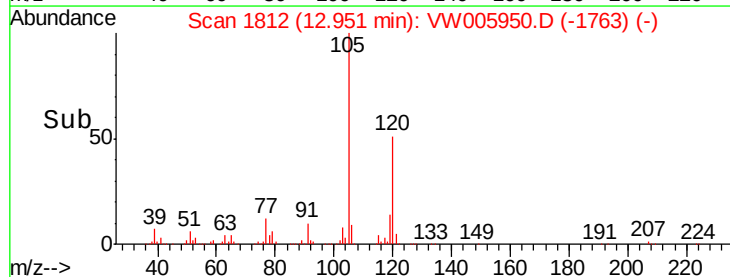
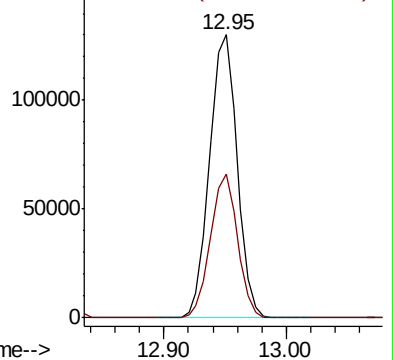
105 100

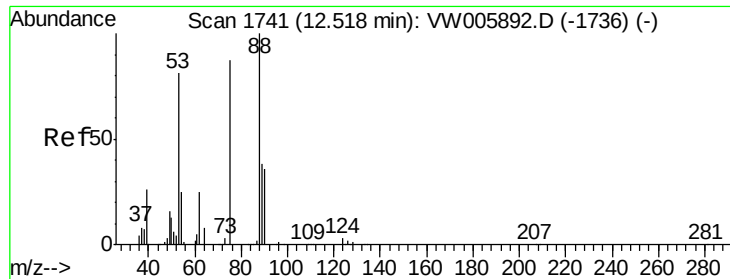
120 49.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.443 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

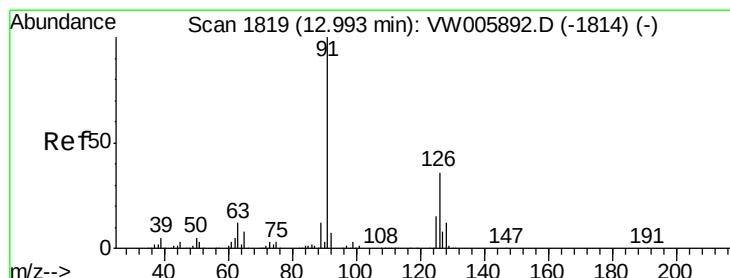
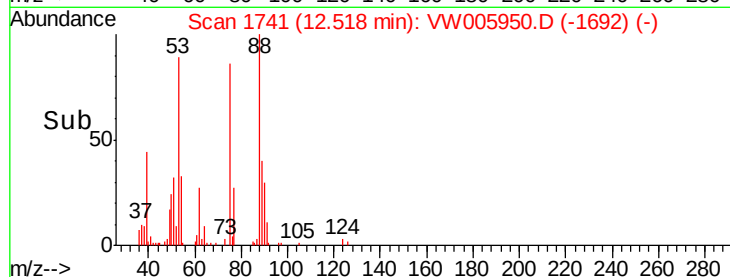
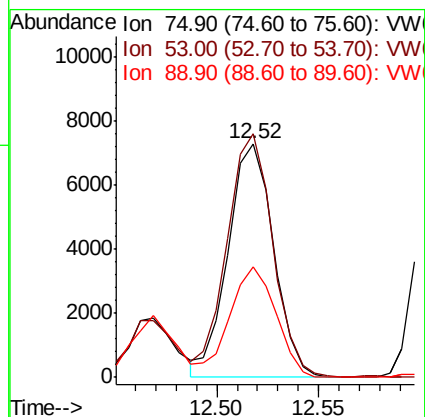
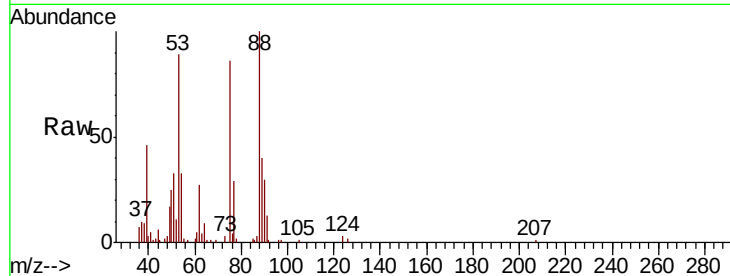
Tgt Ion: 75 Resp: 11309

Ion Ratio Lower Upper

75 100

53 104.9 76.5 114.7

89 48.2 37.6 56.4



#82

4-Chlorotoluene

Concen: 19.072 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005950.D

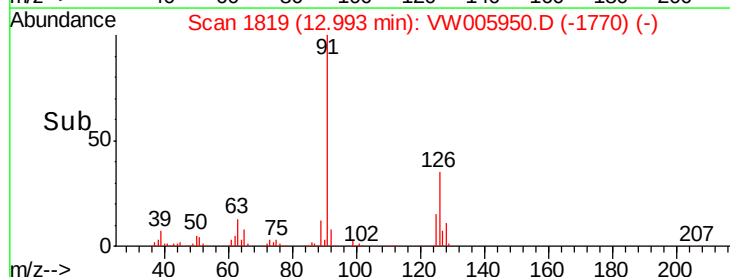
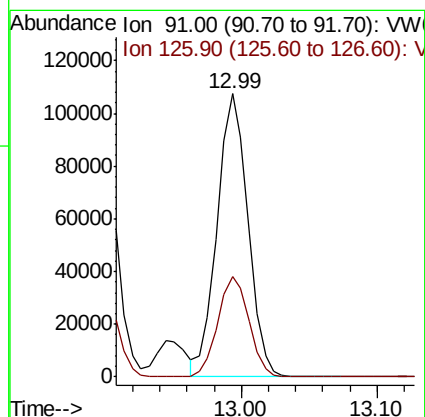
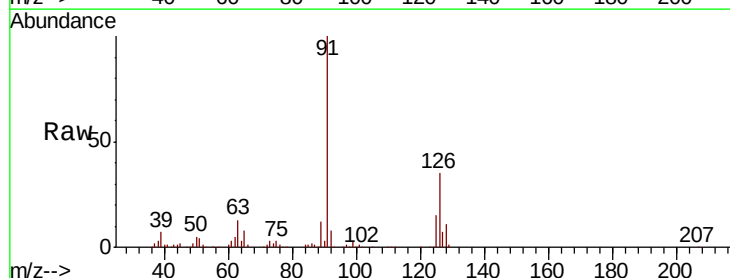
Acq: 09 Oct 2018 21:04

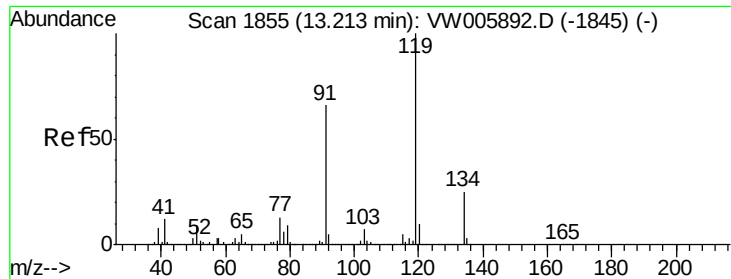
Tgt Ion: 91 Resp: 168414

Ion Ratio Lower Upper

91 100

126 35.9 17.4 52.2

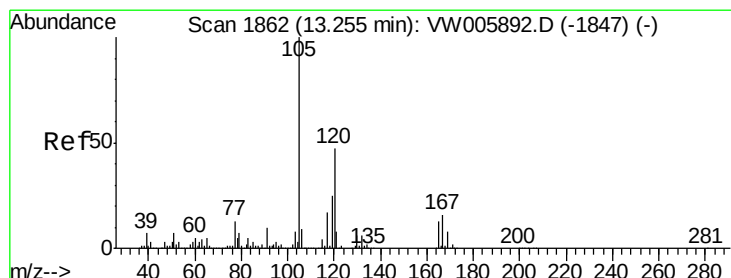
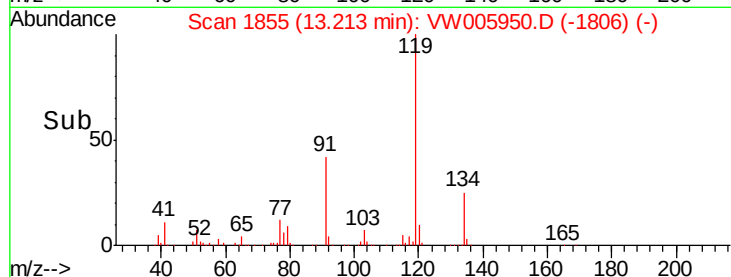
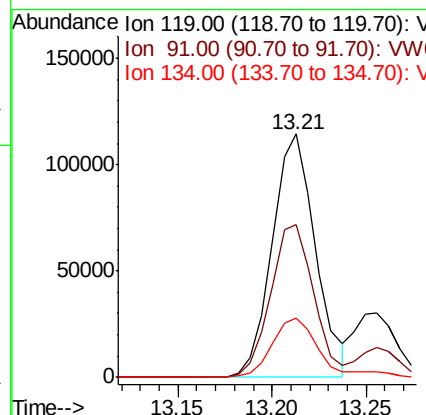
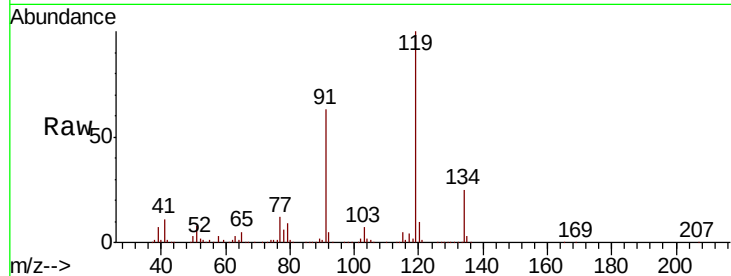




#83
 tert-Butylbenzene
 Concen: 19.219 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

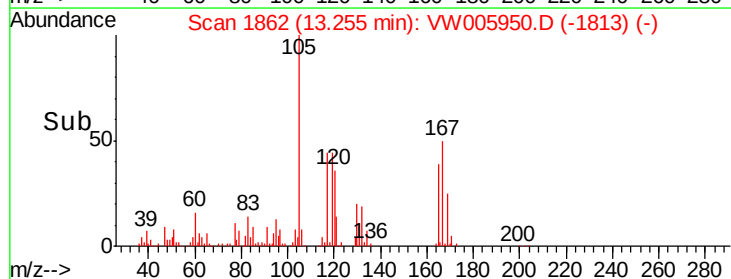
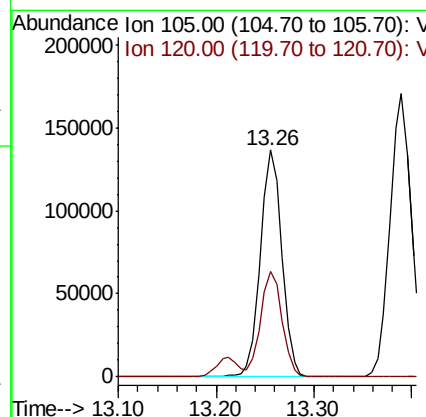
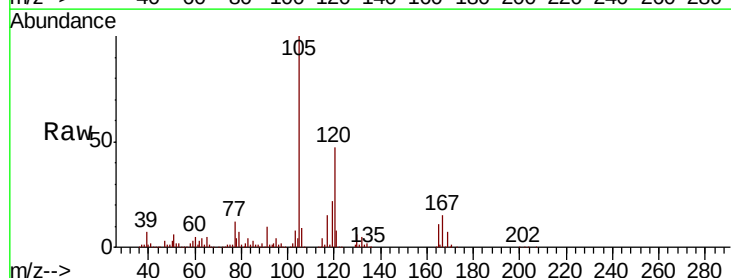
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

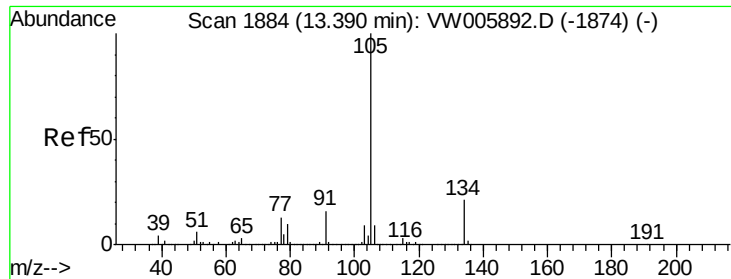
Tgt Ion:119 Resp: 182407
 Ion Ratio Lower Upper
 119 100
 91 62.5 32.4 97.0
 134 26.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.368 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion:105 Resp: 208478
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.8 68.3

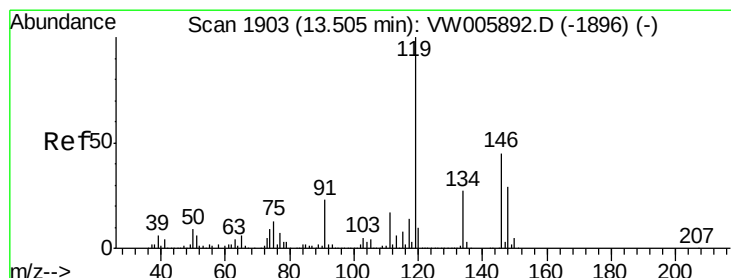
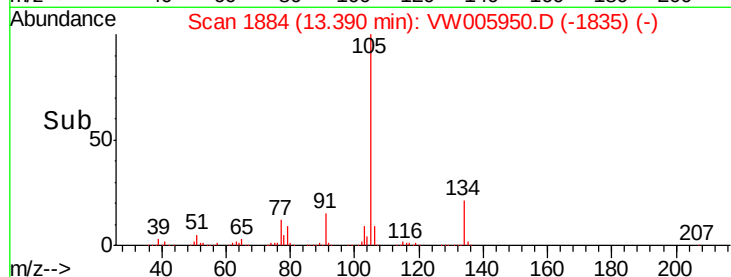
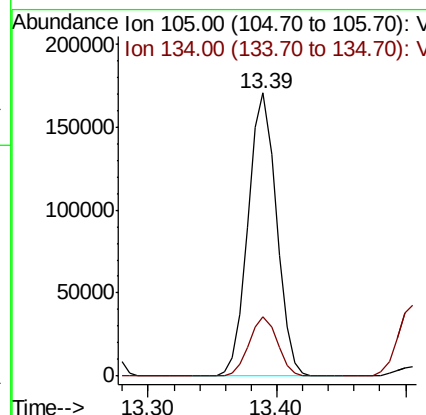
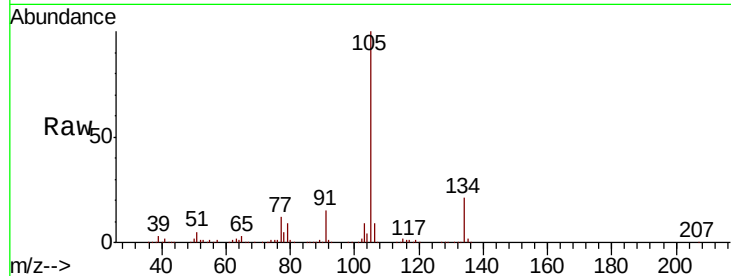




#85
 sec-Butylbenzene
 Concen: 19.409 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

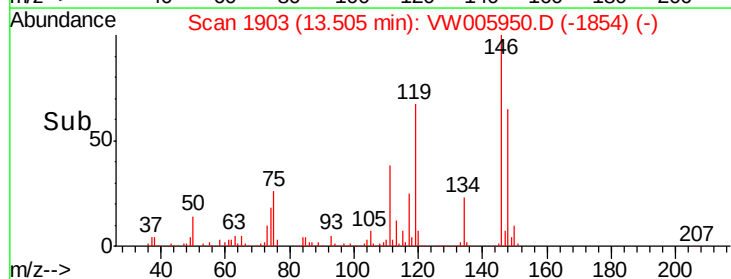
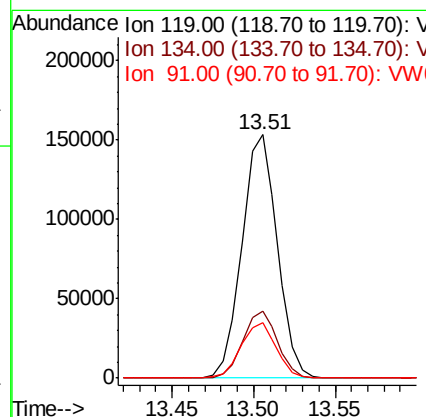
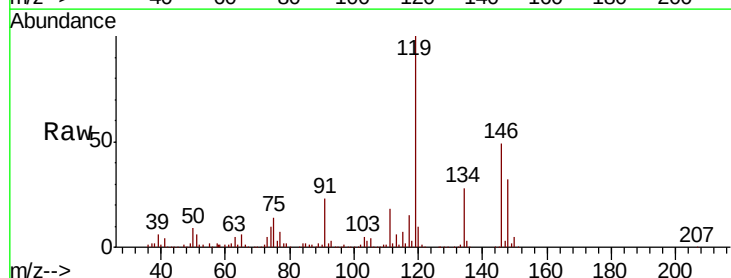
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

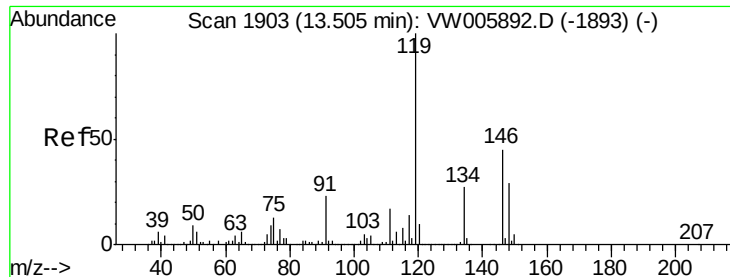
Tgt Ion:105 Resp: 258570
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.229 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion:119 Resp: 230368
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 22.8 11.9 35.5

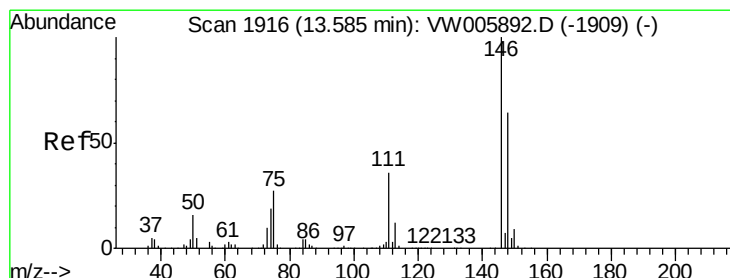
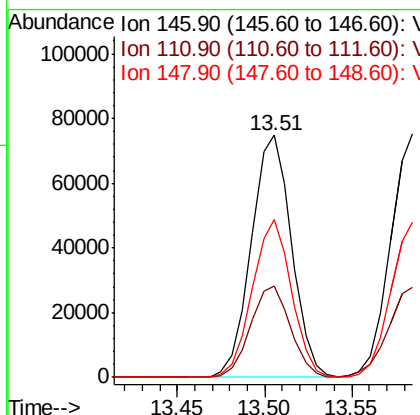
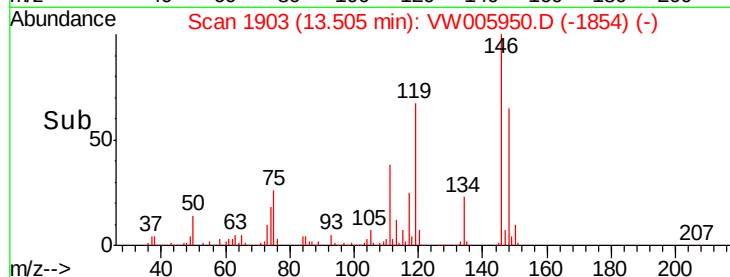
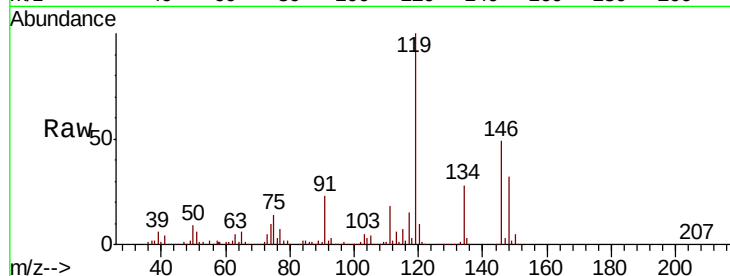




#87
 1,3-Dichlorobenzene
 Concen: 20.253 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

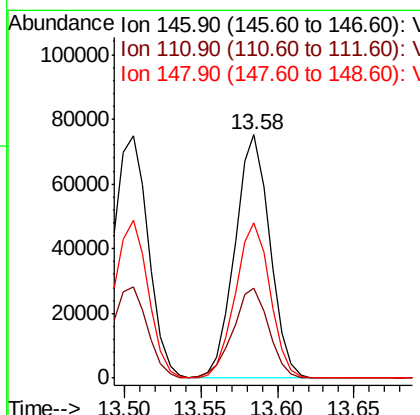
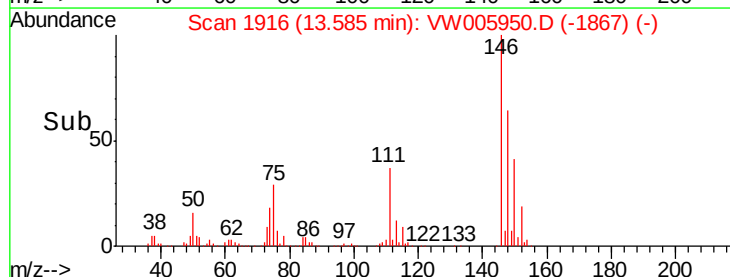
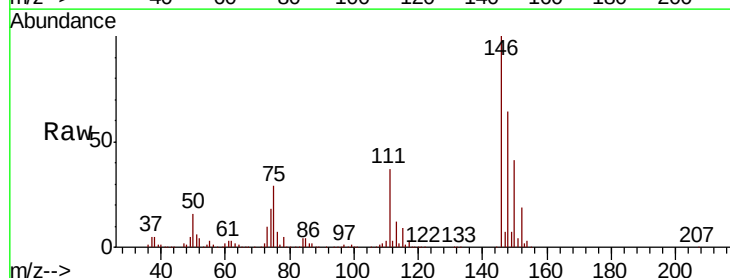
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

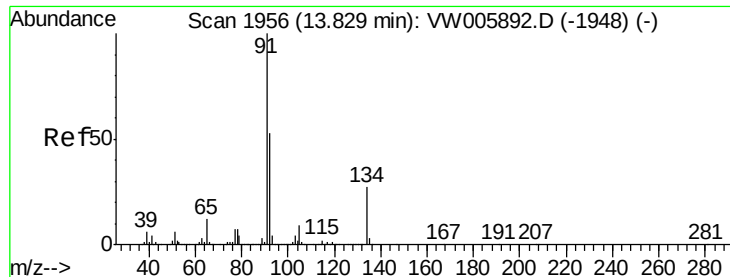
Tgt Ion:146 Resp: 120486
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.5 58.5
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.129 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion:146 Resp: 118997
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 18.899 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

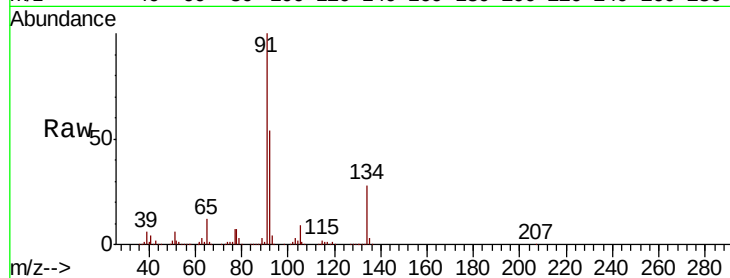
Tgt Ion: 91 Resp: 213424

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.8

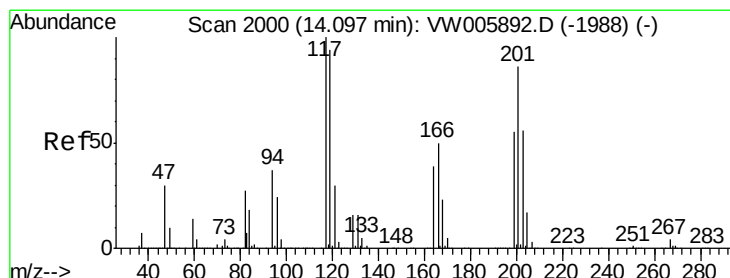
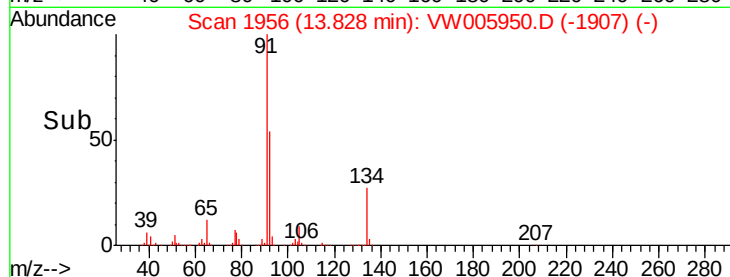
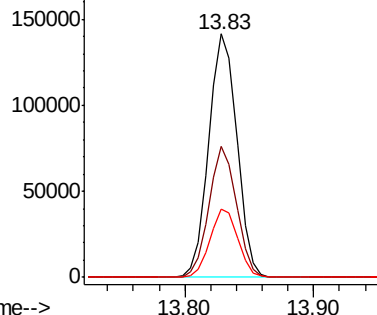
134 27.9 13.8 41.4



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: 17.593 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW005950.D

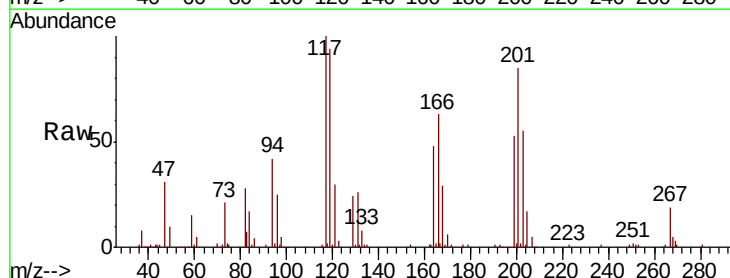
Acq: 09 Oct 2018 21:04

Tgt Ion: 117 Resp: 39642

Ion Ratio Lower Upper

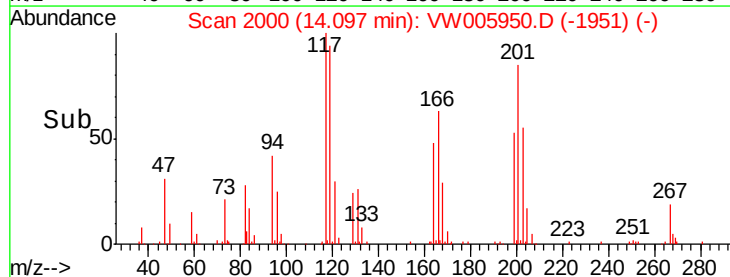
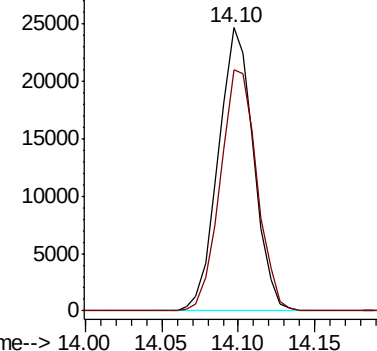
117 100

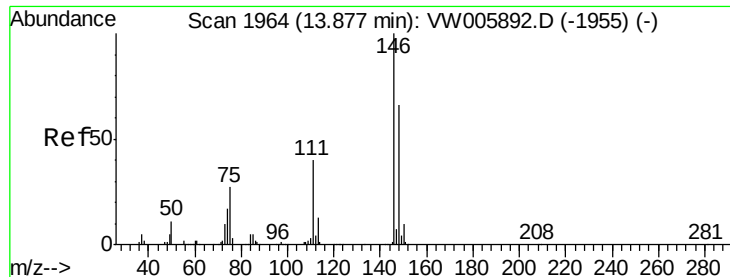
201 88.2 44.5 133.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

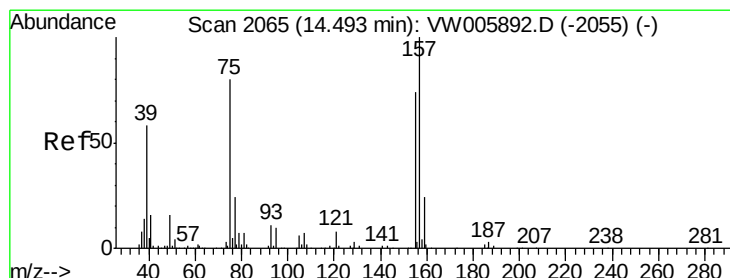
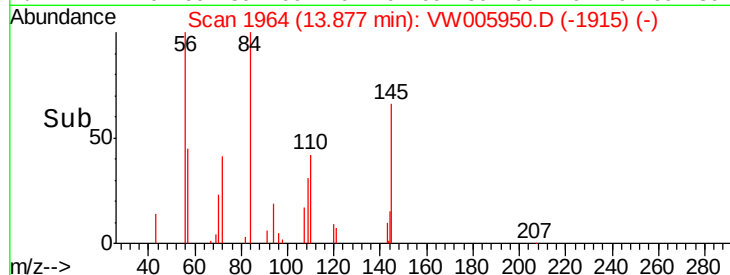
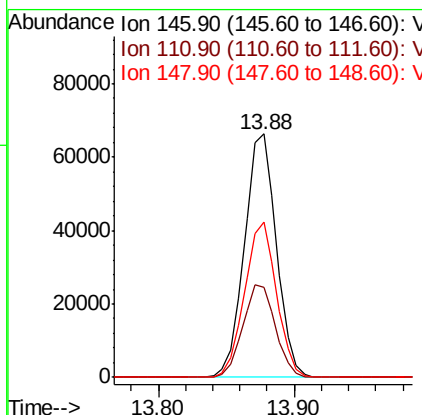
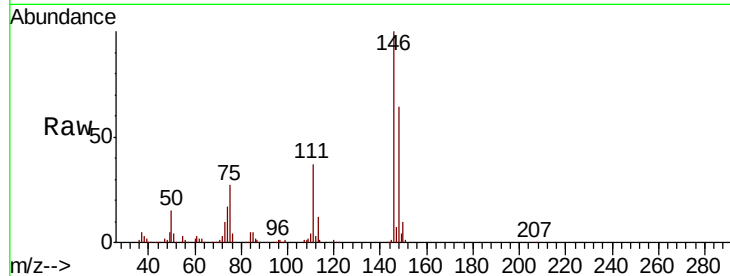




#91
 1,2-Dichlorobenzene
 Concen: 20.607 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

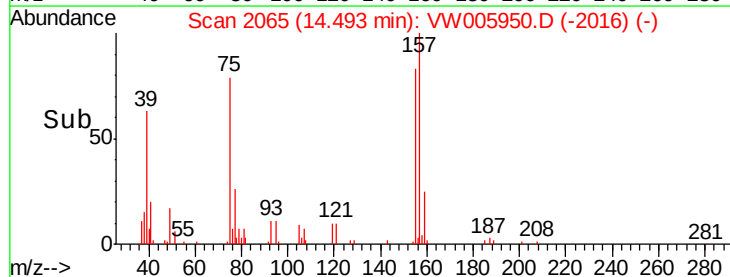
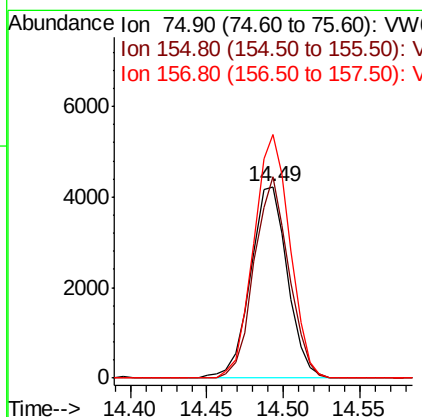
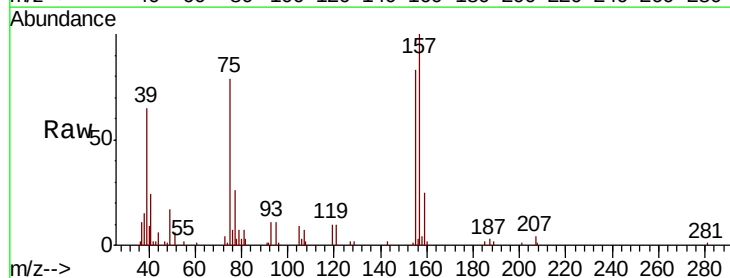
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

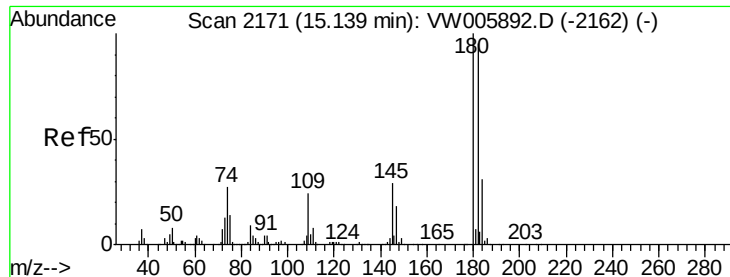
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.3	61.0
148	63.6	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.494 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	44.8	134.3
157	124.1	58.9	176.6

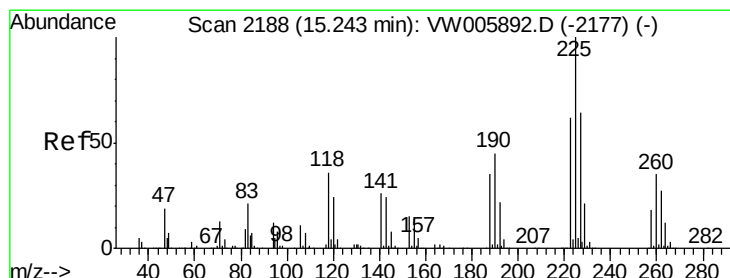
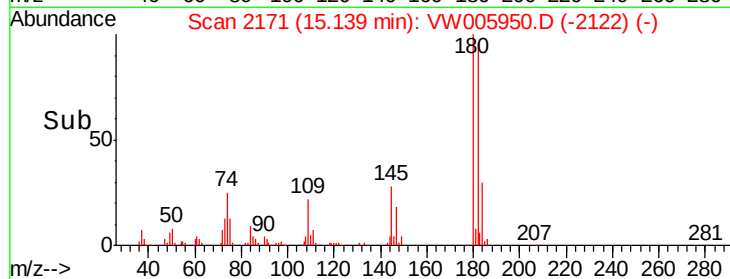
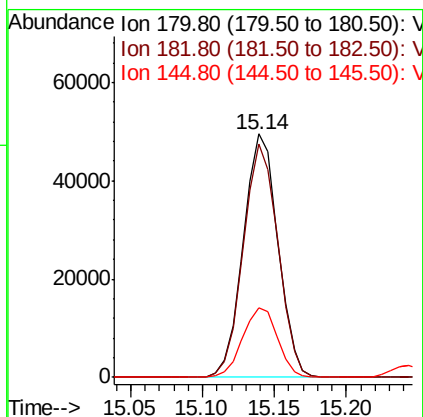
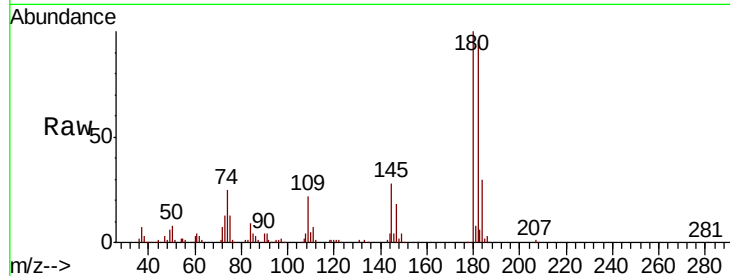




#93
 1,2,4-Trichlorobenzene
 Concen: 20.120 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

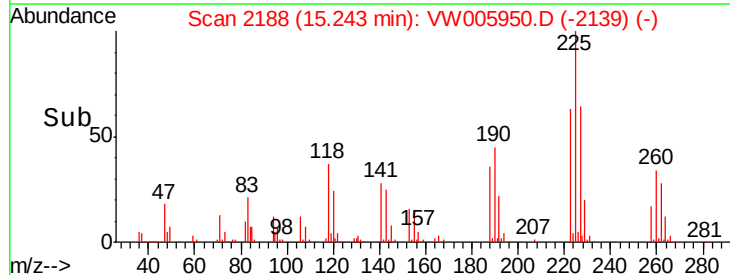
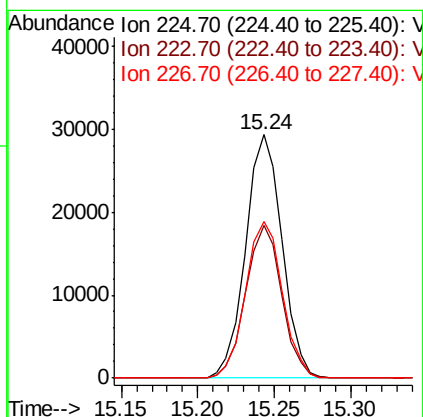
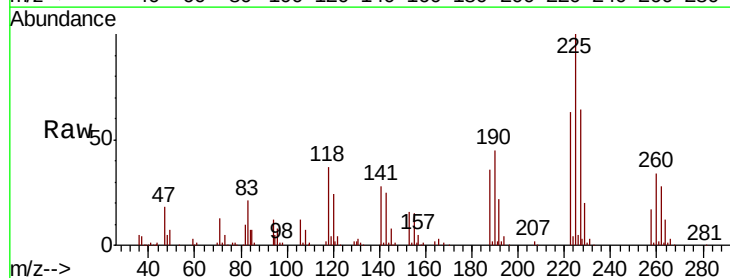
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

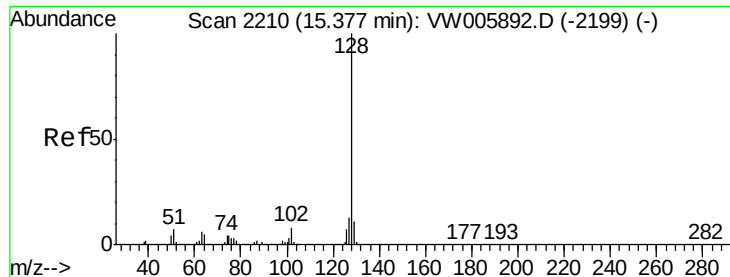
Tgt Ion:180 Resp: 82399
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 28.6 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 19.018 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005950.D
 Acq: 09 Oct 2018 21:04

Tgt Ion:225 Resp: 48616
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 64.9 31.9 95.9





#95

Naphthalene

Concen: 20.612 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

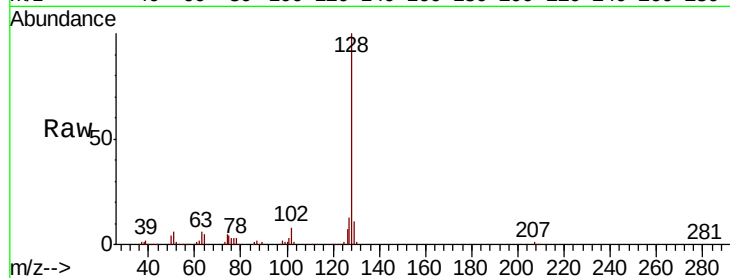
Tgt Ion:128 Resp: 145506

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

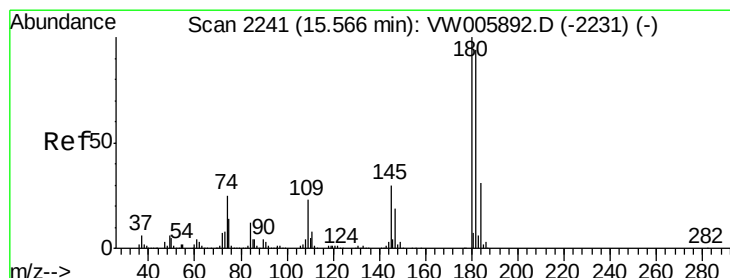
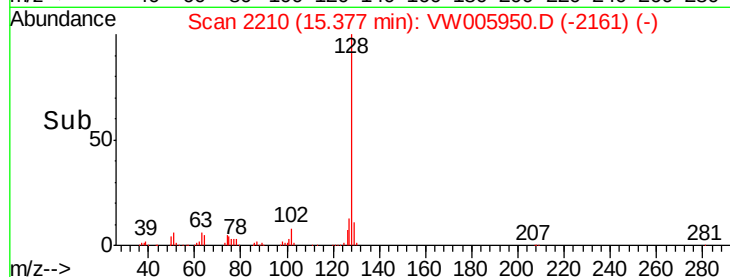
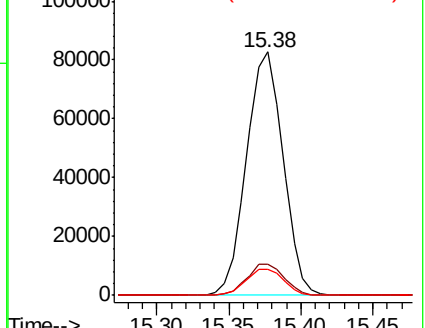
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.446 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005950.D

Acq: 09 Oct 2018 21:04

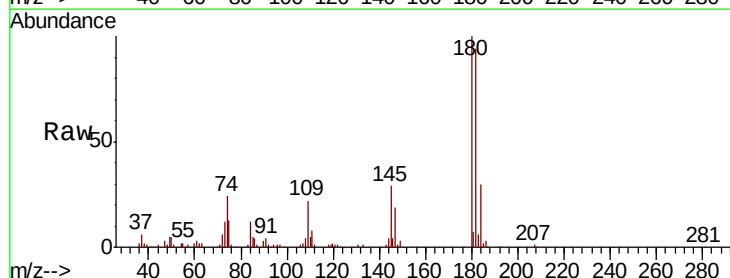
Tgt Ion:180 Resp: 72504

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.8

145 30.8 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

