

Data File : VW005913.D
Acq On : 09 Oct 2018 01:02
Operator : SY/AP
Sample : VW1008SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Quant Time: Oct 09 06:15:07 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	266356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124619	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	7.88	113	127767	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.33	98	494237	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.62	95	182283	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22033	16.880	ug/l	95
3) Chloromethane	2.21	50	27140	17.677	ug/l	98
4) Vinyl Chloride	2.37	62	46505	19.079	ug/l	96
5) Bromomethane	2.78	94	42319	21.999	ug/l	100
6) Chloroethane	2.93	64	33649	21.668	ug/l	99
7) Trichlorofluoromethane	3.26	101	37080	19.164	ug/l	97
8) Diethyl Ether	3.68	74	23283	19.553	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44806	18.350	ug/l	97
10) Methyl Iodide	4.26	142	78432	19.641	ug/l	100
11) Tert butyl alcohol	5.22	59	16776	88.526	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43898	18.722	ug/l	97
13) Acrolein	3.90	56	15416	91.287	ug/l	99
14) Allyl chloride	4.67	41	68224	17.062	ug/l	98
15) Acrylonitrile	5.38	53	47534	91.726	ug/l	99
16) Acetone	4.14	43	41943	81.210	ug/l	100
17) Carbon Disulfide	4.37	76	122507	17.282	ug/l	99
18) Methyl Acetate	4.68	43	22262	17.081	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	71932	19.719	ug/l	98
20) Methylene Chloride	4.91	84	51541	19.918	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	48553	18.999	ug/l	97
22) Diisopropyl ether	6.31	45	140619	18.812	ug/l	97
23) Vinyl Acetate	6.26	43	414853	90.173	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87046	19.029	ug/l	99
25) 2-Butanone	7.18	43	62814	85.508	ug/l	97
26) 2,2-Dichloropropane	7.17	77	55783	17.328	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	56574	19.575	ug/l	96
28) Bromochloromethane	7.51	49	32493	19.244	ug/l	94
29) Tetrahydrofuran	7.54	42	40988	88.265	ug/l	97
30) Chloroform	7.68	83	93512	19.902	ug/l	99
31) Cyclohexane	7.95	56	77242	17.063	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	80779	19.305	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69135	18.191	ug/l	99
37) Ethyl Acetate	7.26	43	28633	17.791	ug/l	97
38) Carbon Tetrachloride	8.07	117	76009	18.615	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89582	17.871	ug/l	97
40) Benzene	8.32	78	198015	19.037	ug/l	99
41) Methacrylonitrile	7.49	41	18000	17.864	ug/l	97
42) 1,2-Dichloroethane	8.40	62	58603	18.648	ug/l	99
43) Isopropyl Acetate	8.43	43	60431	17.975	ug/l	99
44) Trichloroethene	9.09	130	58809	19.486	ug/l	99
45) 1,2-Dichloropropane	9.37	63	49486	19.006	ug/l	98
46) Dibromomethane	9.46	93	27115	18.948	ug/l	98
47) Bromodichloromethane	9.65	83	68616	19.055	ug/l	99
48) Methyl methacrylate	9.44	41	28509	17.801	ug/l	97
49) 1,4-Dioxane	9.48	88	9051	416.402	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	149282	91.186	ug/l	99
52) Toluene	10.39	92	131129	19.189	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	67312	17.887	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	76459	18.075	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38498	19.423	ug/l	97
56) Ethyl methacrylate	10.65	69	48681	18.223	ug/l	98
57) 1,3-Dichloropropane	10.94	76	62925	18.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104185	95.849	ug/l	99
59) 2-Hexanone	10.98	43	100662	85.755	ug/l	97
60) Dibromochloromethane	11.13	129	48671	19.029	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38262	19.319	ug/l	98
64) Tetrachloroethene	10.87	164	55978	20.768	ug/l	98
65) Chlorobenzene	11.66	112	150648	19.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54824	19.298	ug/l	99
67) Ethyl Benzene	11.74	91	261169	19.077	ug/l	100
68) m/p-Xylenes	11.84	106	205729	38.454	ug/l	98
69) o-Xylene	12.17	106	99426	19.412	ug/l	98
70) Styrene	12.18	104	162755	19.152	ug/l	99
71) Bromoform	12.35	173	30931	18.278	ug/l #	99
73) Isopropylbenzene	12.47	105	271779	18.787	ug/l	99
74) N-amyl acetate	12.28	43	60190	17.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44555	18.791	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	58496	33.060	ug/l #	100
77) Bromobenzene	12.75	156	68056	19.857	ug/l	95
78) n-propylbenzene	12.81	91	316336	18.589	ug/l	99
79) 2-Chlorotoluene	12.90	91	180177	18.756	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	231805	18.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13062	15.585	ug/l	96
82) 4-Chlorotoluene	12.99	91	190398	18.839	ug/l	99
83) tert-Butylbenzene	13.21	119	207887	19.138	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	236488	19.196	ug/l	100
85) sec-Butylbenzene	13.39	105	287566	18.860	ug/l	99
86) p-Isopropyltoluene	13.51	119	260631	19.008	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	132093	19.400	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131211	19.392	ug/l	99
89) n-Butylbenzene	13.83	91	238078	18.420	ug/l	99
90) Hexachloroethane	14.10	117	47019	18.232	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120820	19.986	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7778	17.602	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	91617	19.546	ug/l	99
94) Hexachlorobutadiene	15.24	225	56979	19.475	ug/l	99
95) Naphthalene	15.38	128	159182	19.702	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	81044	19.969	ug/l	99

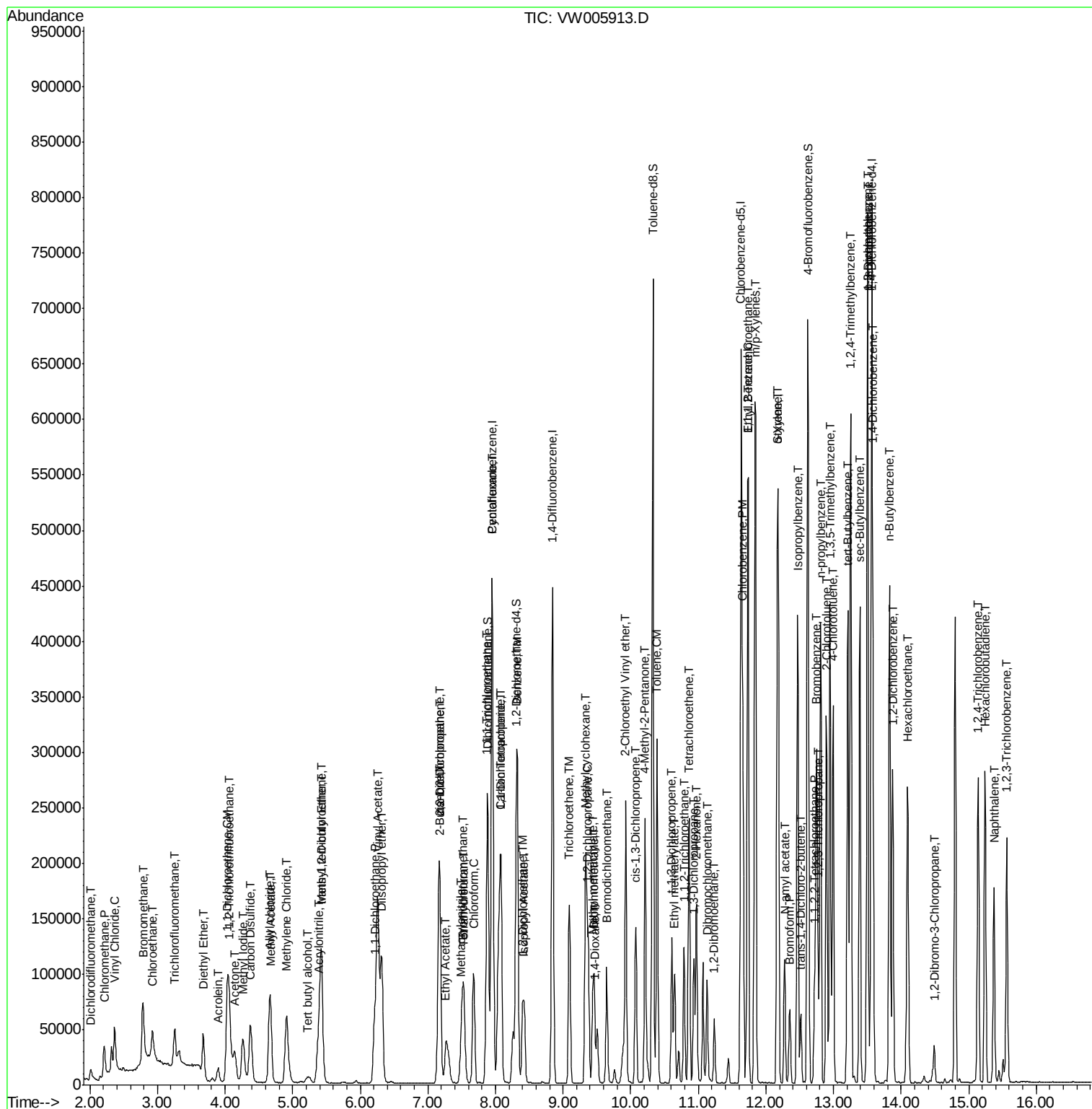
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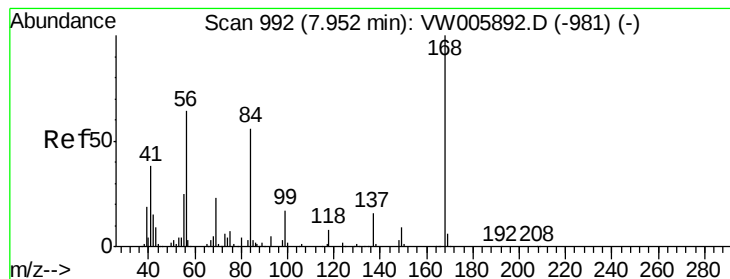
Data File : VW005913.D

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Acq On      : 09 Oct 2018   01:02
Operator    : SY/AP
Sample      : VW1008SBS02
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ALS Vial    : 36      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

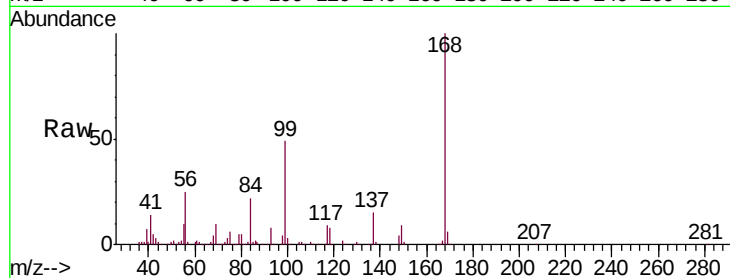
VW1008SBSD02

Tgt Ion:168 Resp: 266356

Ion Ratio Lower Upper

168 100

99 49.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

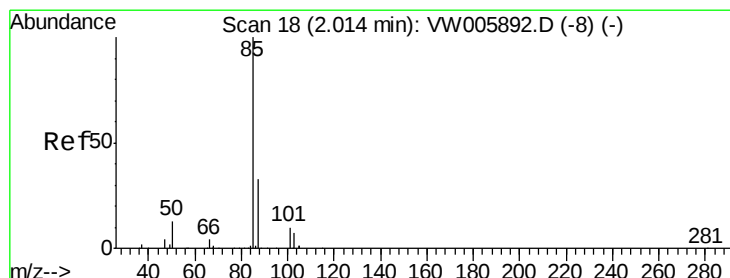
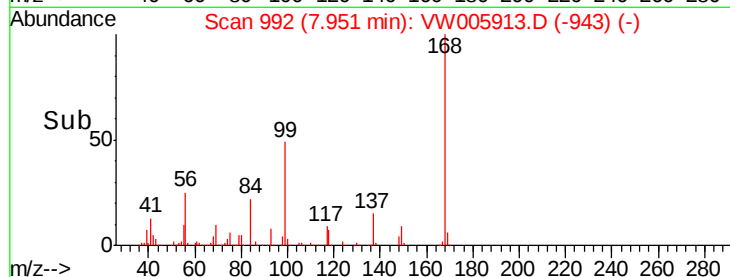
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.880 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005913.D

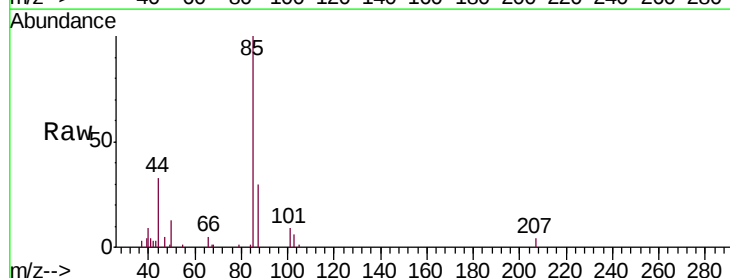
Acq: 09 Oct 2018 01:02

Tgt Ion: 85 Resp: 22033

Ion Ratio Lower Upper

85 100

87 30.3 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

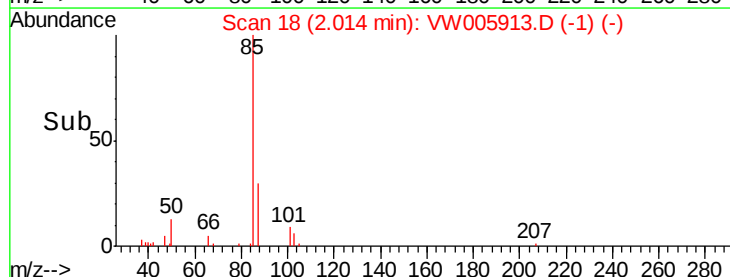
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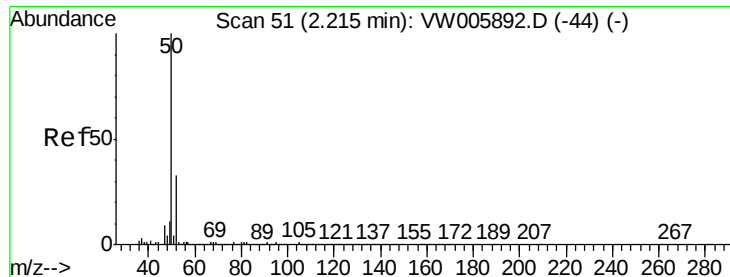
4000

2000

0

Time-->





#3

Chloromethane

Concen: 17.677 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

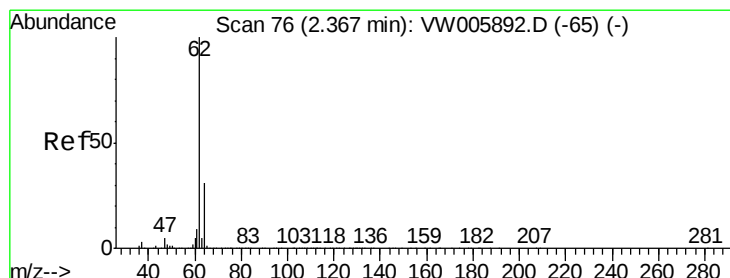
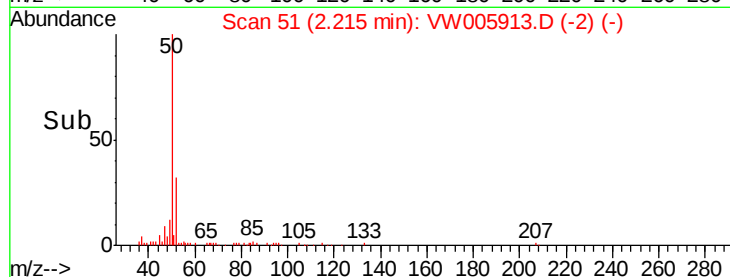
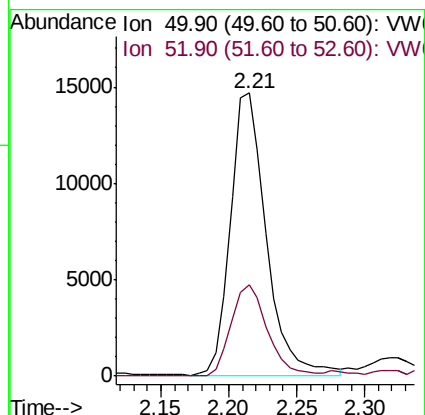
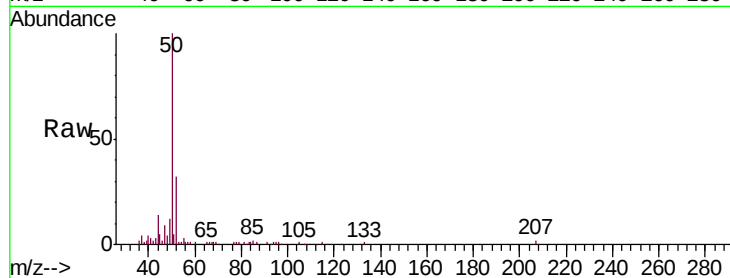
VW1008SBSD02

Tgt Ion: 50 Resp: 27140

Ion Ratio Lower Upper

50 100

52 32.1 26.7 40.1



#4

Vinyl Chloride

Concen: 19.079 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005913.D

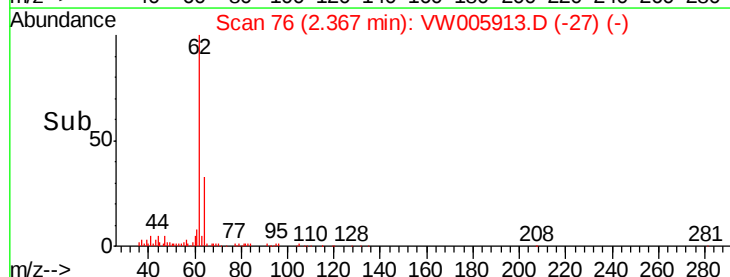
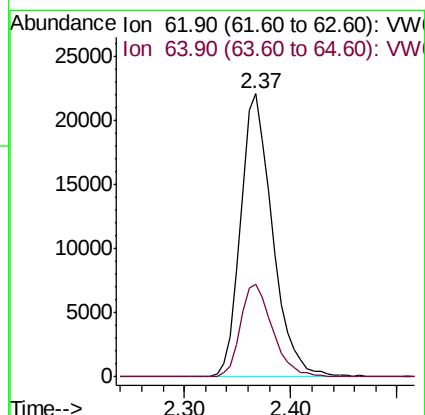
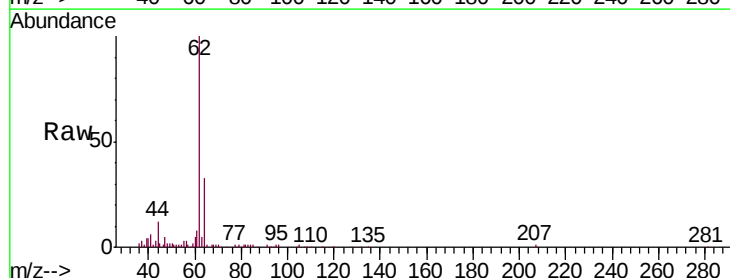
Acq: 09 Oct 2018 01:02

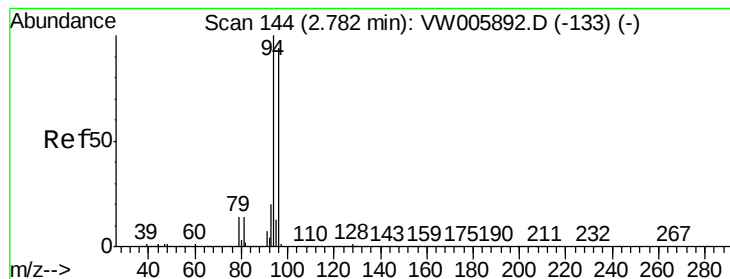
Tgt Ion: 62 Resp: 46505

Ion Ratio Lower Upper

62 100

64 32.6 24.6 36.8





#5

Bromomethane

Concen: 21.999 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

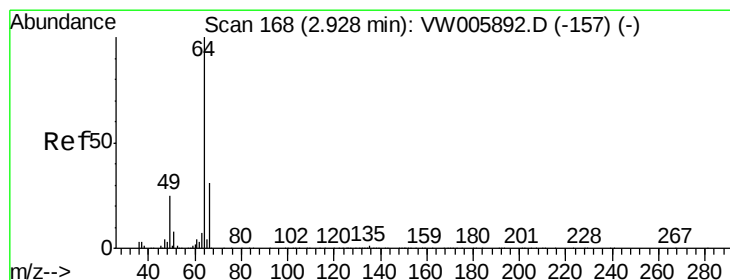
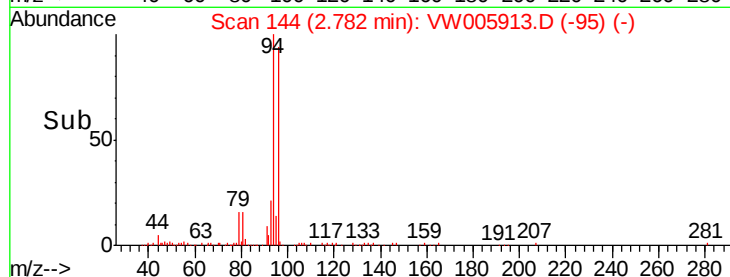
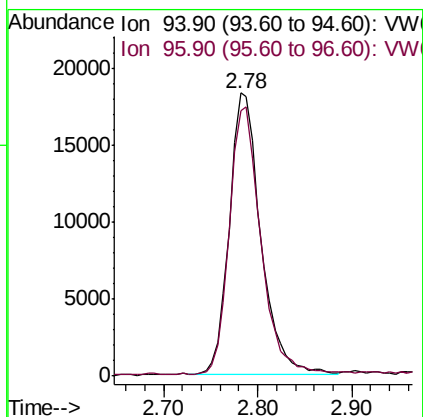
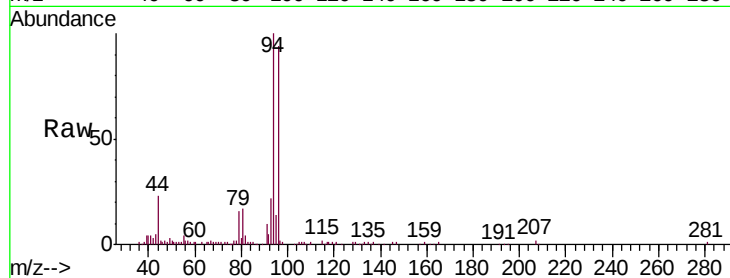
VW1008SBSD02

Tgt Ion: 94 Resp: 42319

Ion Ratio Lower Upper

94 100

96 94.0 75.0 112.4



#6

Chloroethane

Concen: 21.668 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005913.D

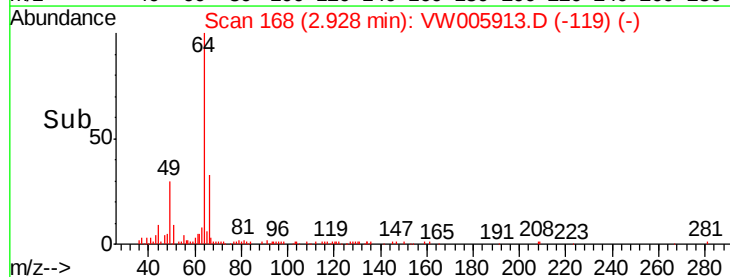
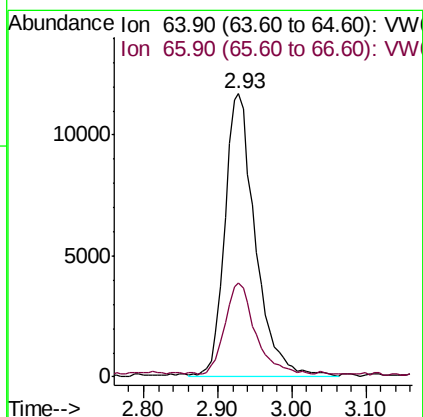
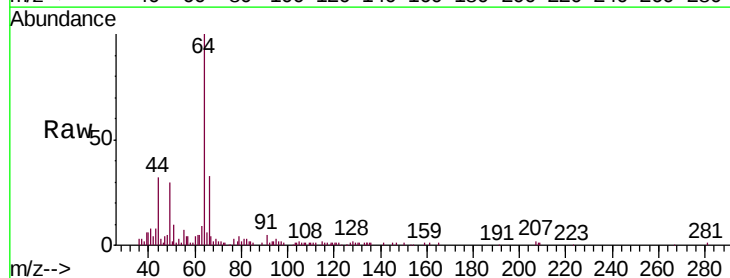
Acq: 09 Oct 2018 01:02

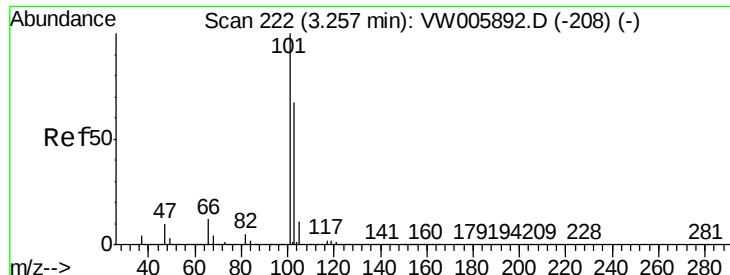
Tgt Ion: 64 Resp: 33649

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.4



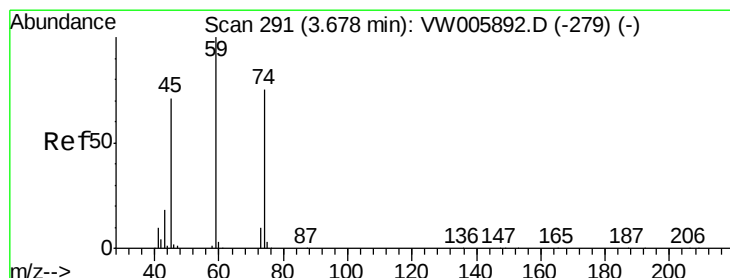
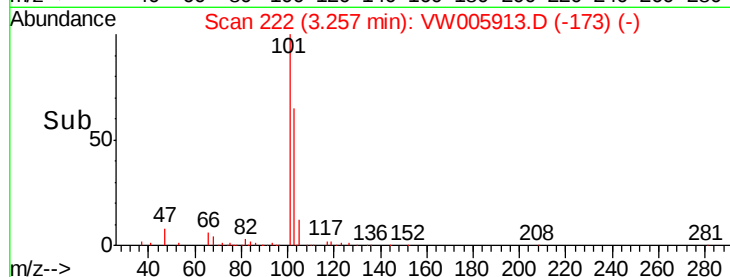
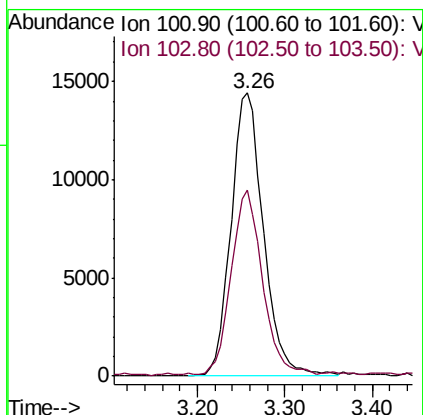
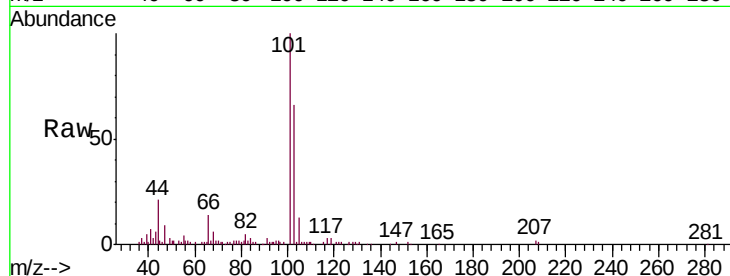


#7

Trichlorofluoromethane
 Concen: 19.164 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005913.D
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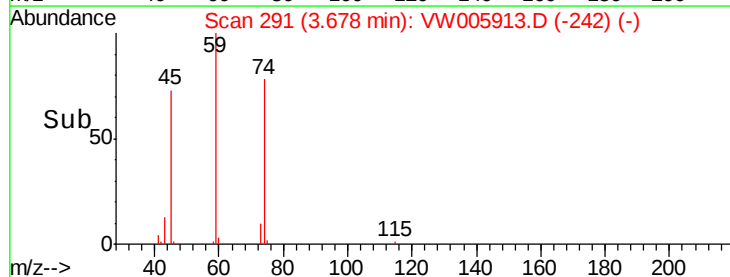
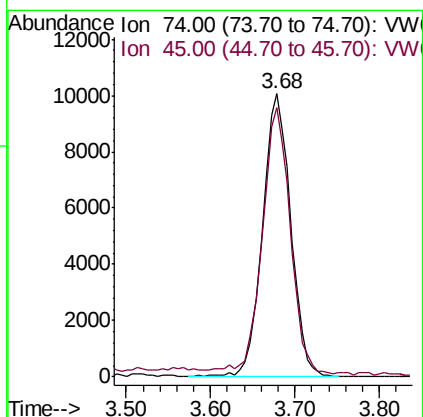
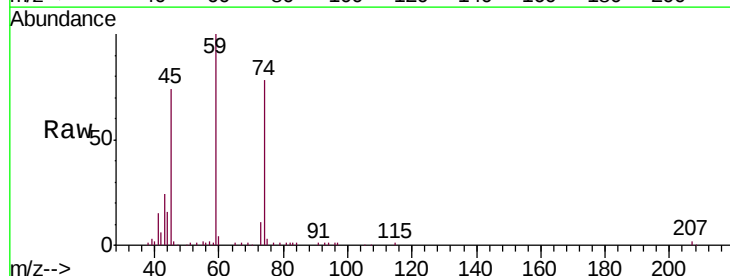
Tgt Ion:101 Resp: 37080
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.5 80.3

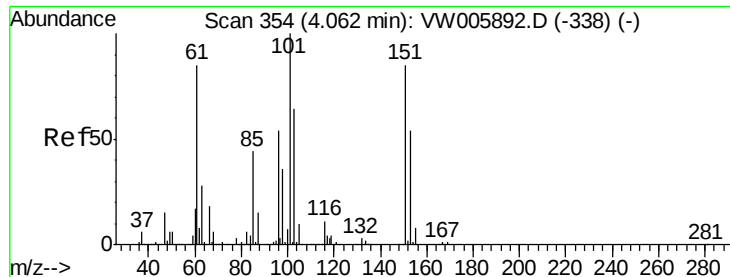


#8

Diethyl Ether
 Concen: 19.553 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 74 Resp: 23283
 Ion Ratio Lower Upper
 74 100
 45 92.6 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.350 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

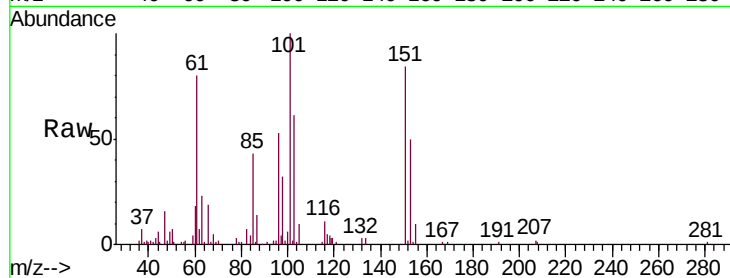
Tgt Ion:101 Resp: 44806

Ion Ratio Lower Upper

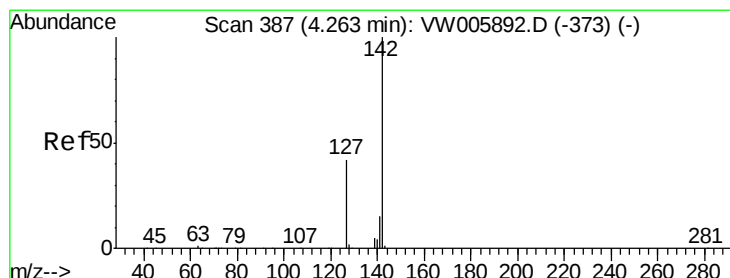
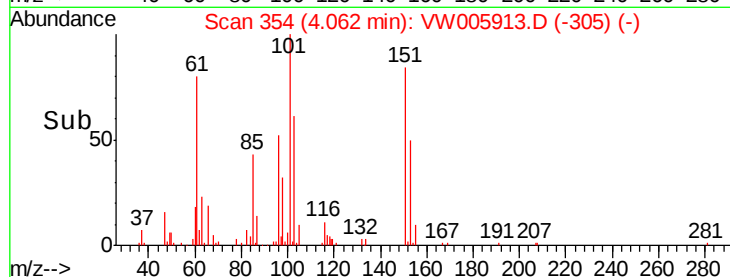
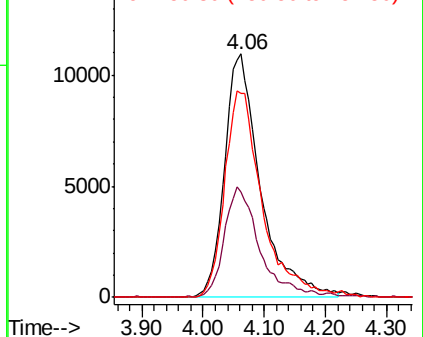
101 100

85 44.5 35.1 52.7

151 87.7 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: 19.641 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

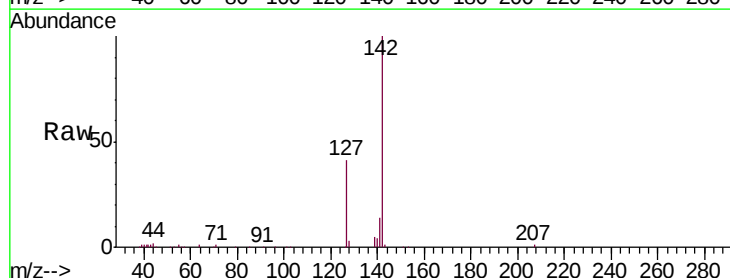
Tgt Ion:142 Resp: 78432

Ion Ratio Lower Upper

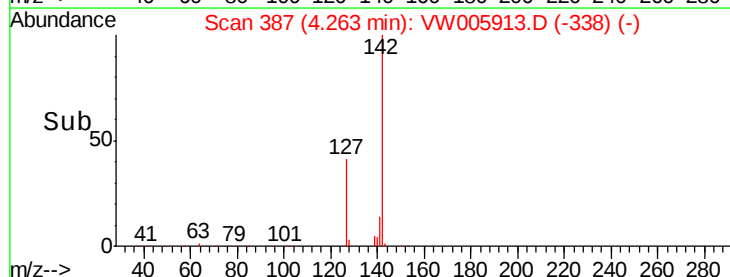
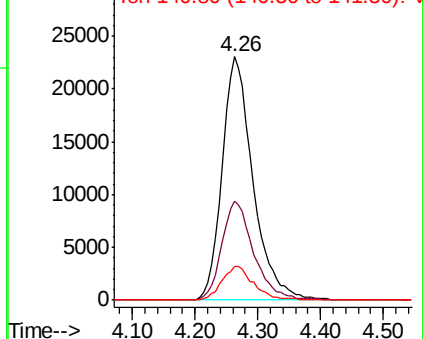
142 100

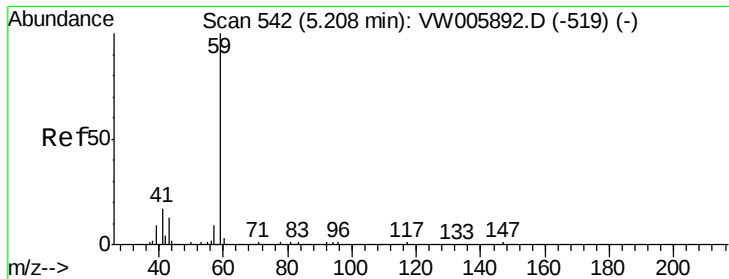
127 41.8 33.7 50.5

141 14.1 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



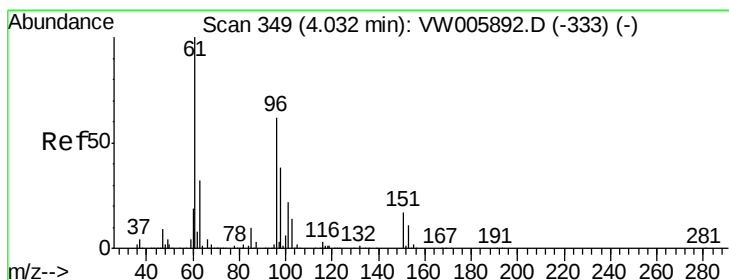
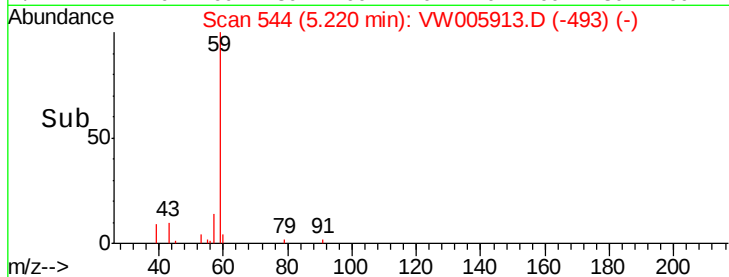
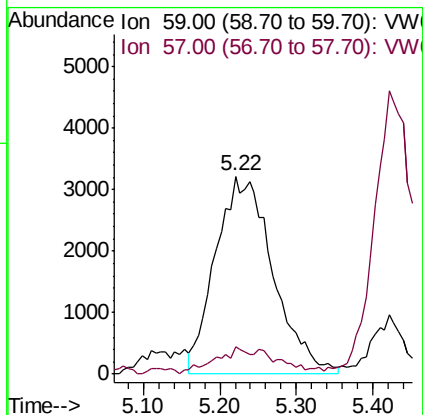
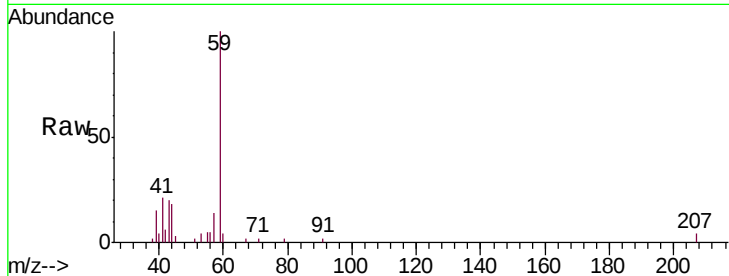


#11

Tert butyl alcohol
Concen: 88.526 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

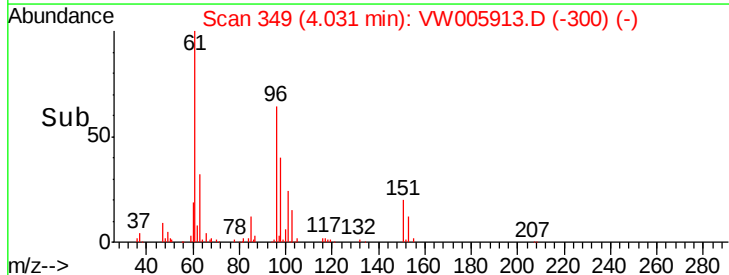
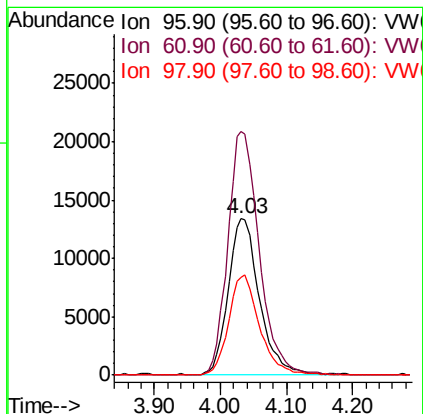
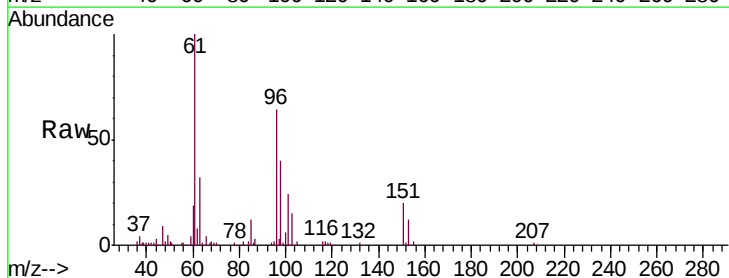
Tgt Ion: 59 Resp: 16776
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12

1,1-Dichloroethene
Concen: 18.722 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 96 Resp: 43898
Ion Ratio Lower Upper
96 100
61 155.9 128.6 193.0
98 62.4 49.4 74.0





#13

Acrolein

Concen: 91.287 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

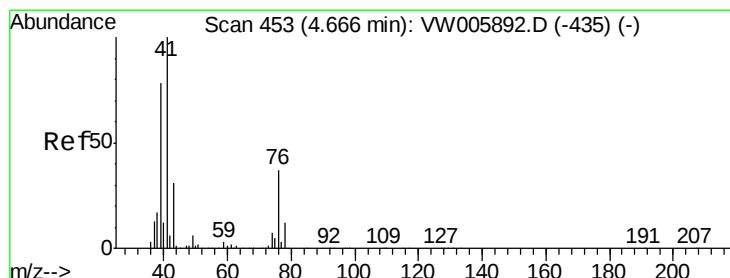
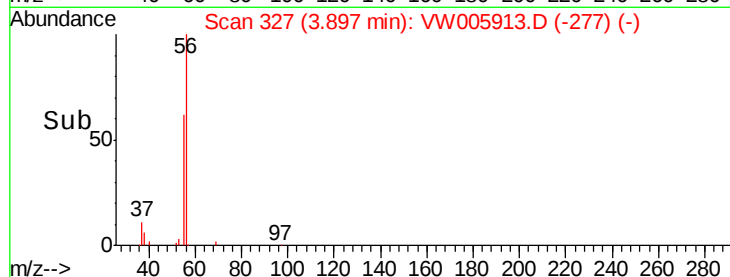
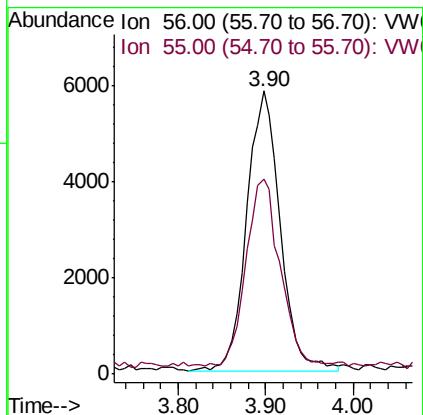
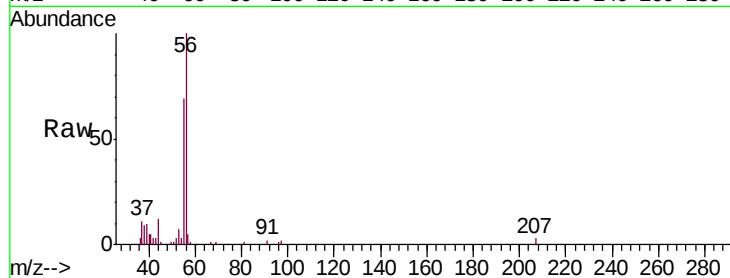
VW1008SBSD02

Tgt Ion: 56 Resp: 15416

Ion Ratio Lower Upper

56 100

55 67.8 54.6 82.0



#14

Allyl chloride

Concen: 17.062 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

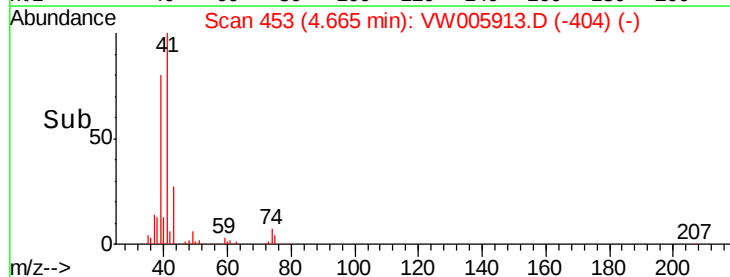
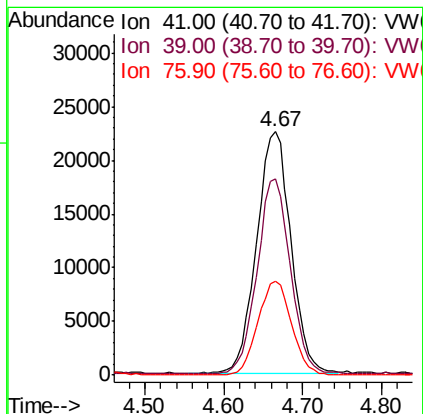
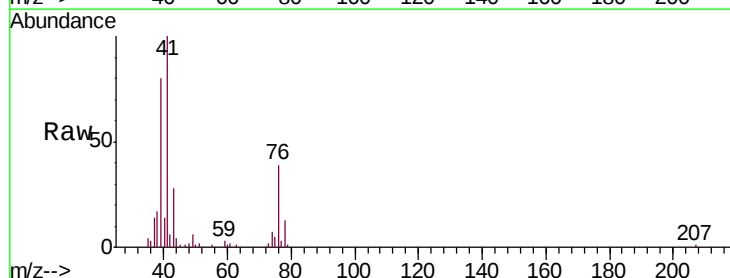
Tgt Ion: 41 Resp: 68224

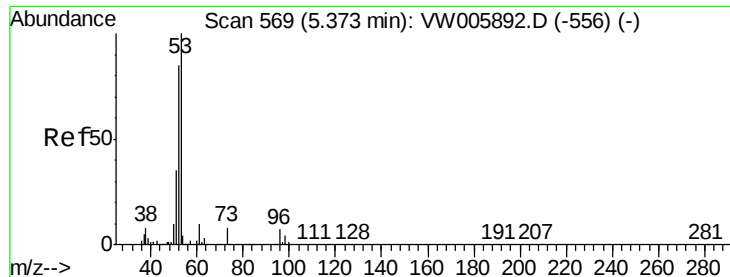
Ion Ratio Lower Upper

41 100

39 78.0 60.8 91.2

76 38.1 29.6 44.4





#15

Acrylonitrile

Concen: 91.726 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

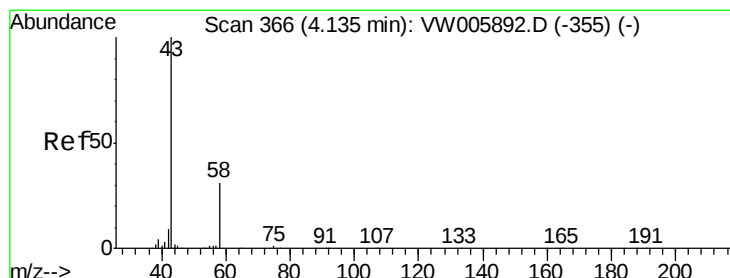
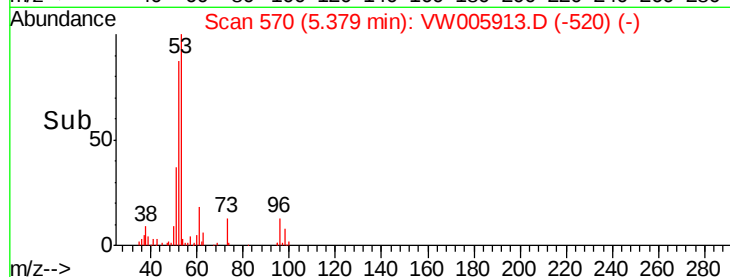
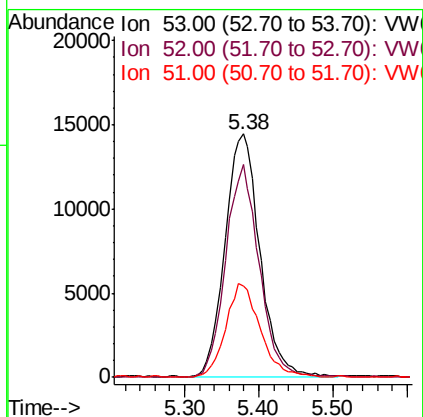
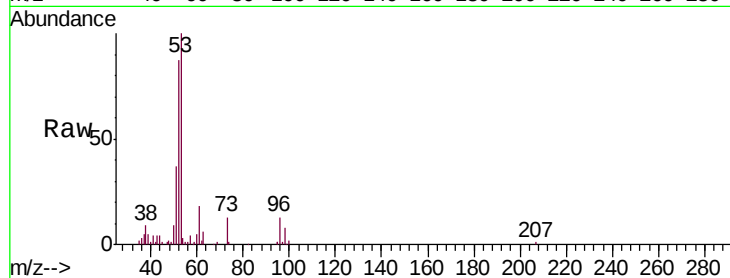
Tgt Ion: 53 Resp: 47534

Ion Ratio Lower Upper

53 100

52 83.6 66.8 100.2

51 38.2 29.8 44.6



#16

Acetone

Concen: 81.210 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005913.D

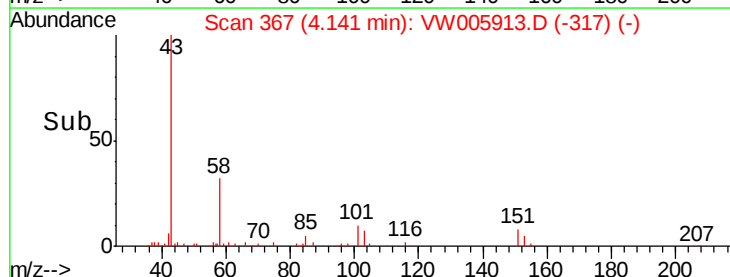
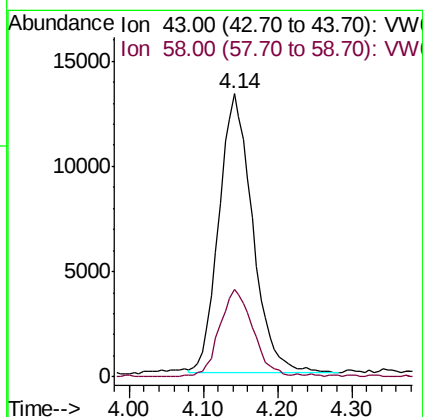
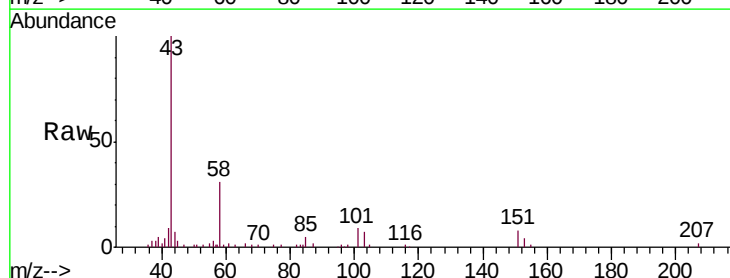
Acq: 09 Oct 2018 01:02

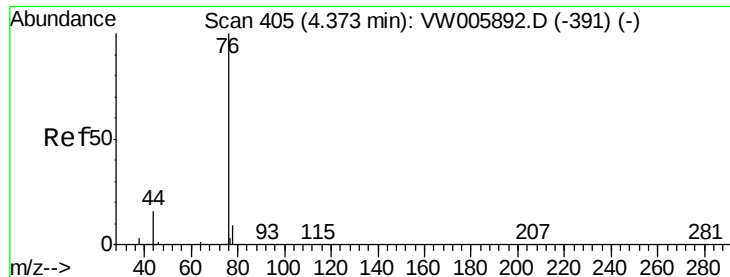
Tgt Ion: 43 Resp: 41943

Ion Ratio Lower Upper

43 100

58 30.8 24.7 37.1

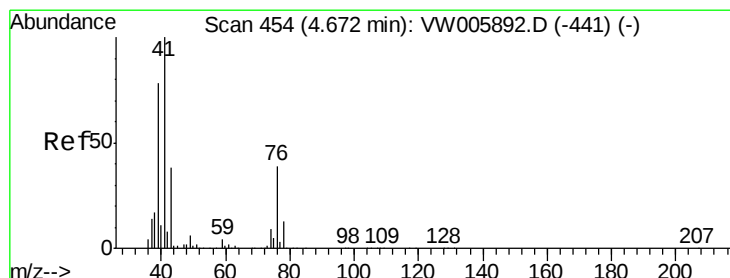
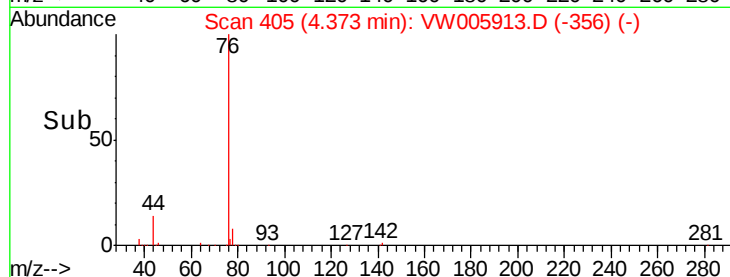
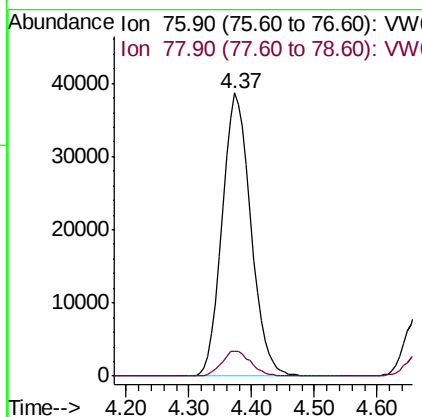
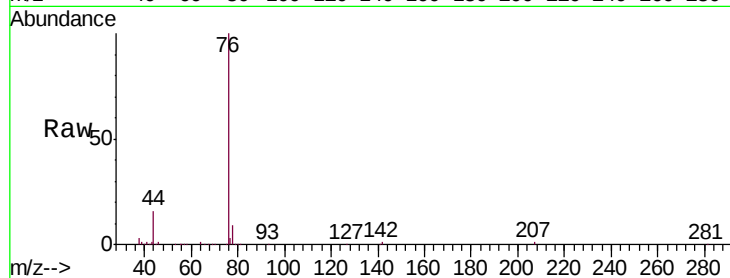




#17
Carbon Disulfide
Concen: 17.282 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

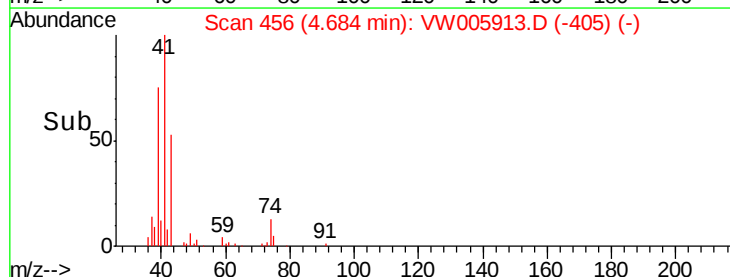
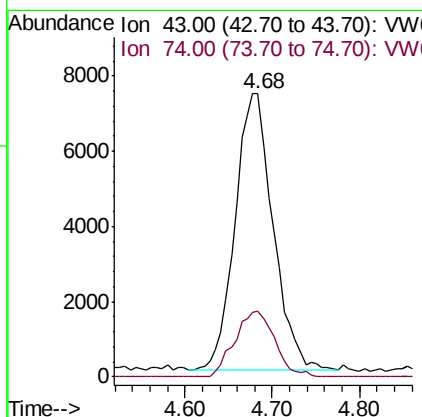
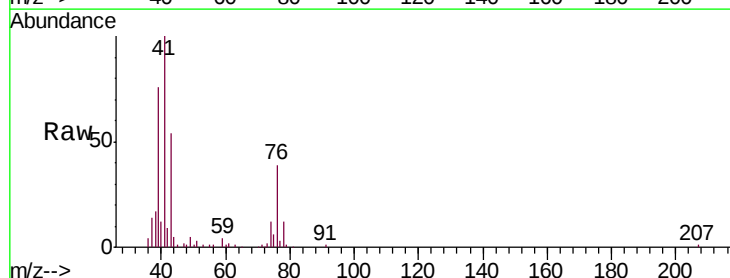
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

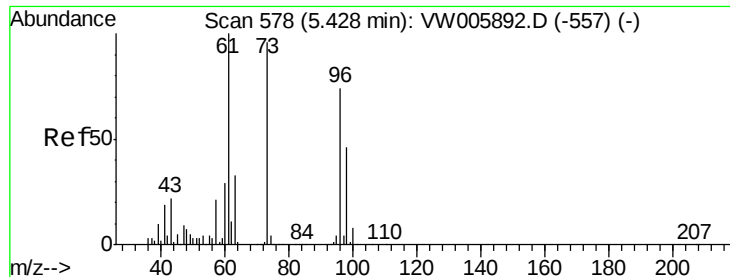
Tgt Ion: 76 Resp: 122507
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.081 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 43 Resp: 22262
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8

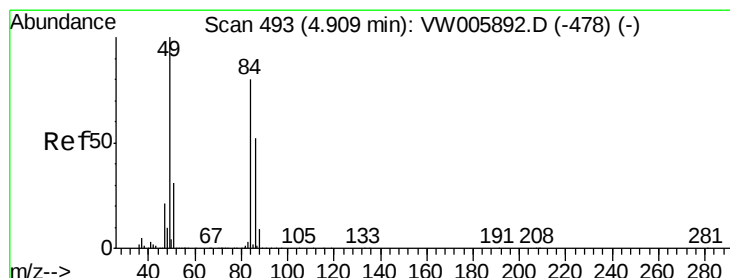
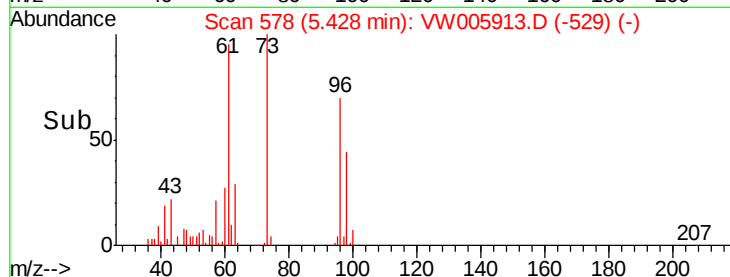
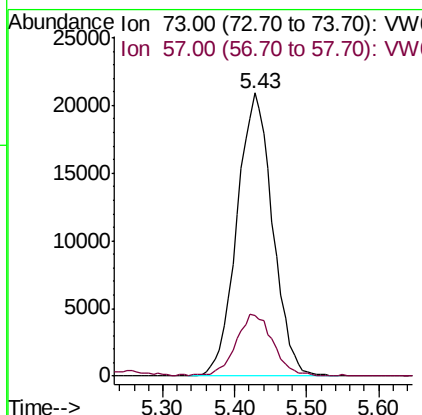
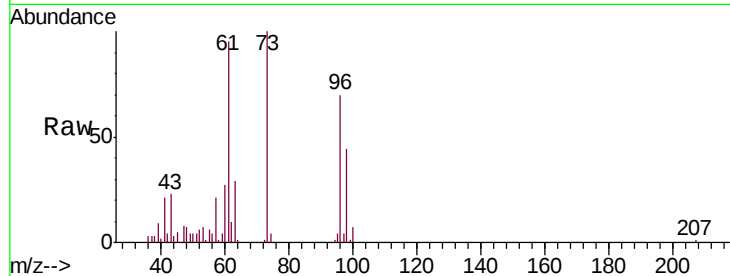




#19
Methyl tert-butyl Ether
Concen: 19.719 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

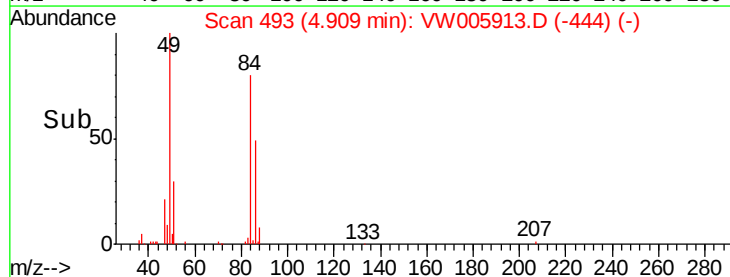
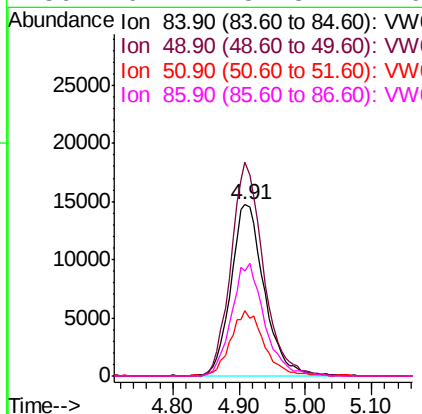
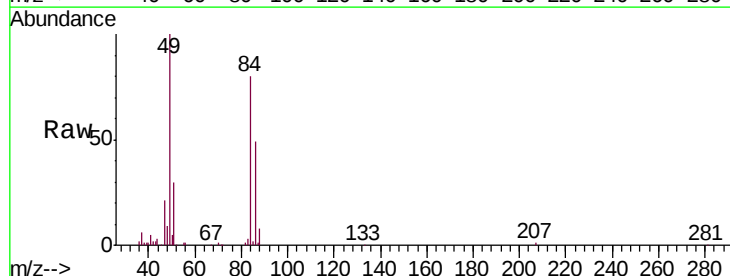
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

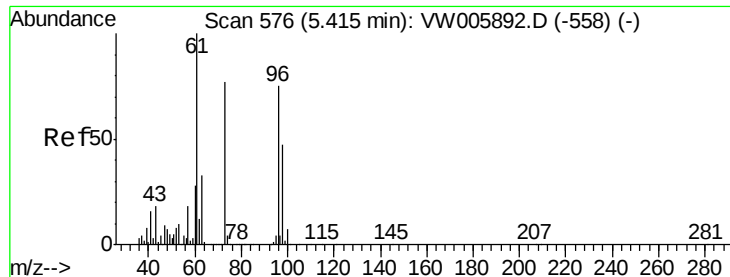
Tgt Ion: 73 Resp: 71932
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 19.918 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 84 Resp: 51541
Ion Ratio Lower Upper
84 100
49 125.0 99.9 149.9
51 37.8 31.1 46.7
86 61.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.999 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

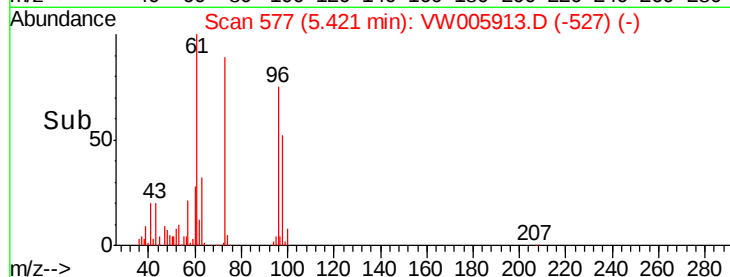
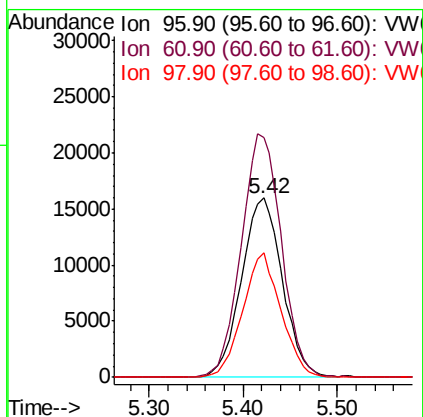
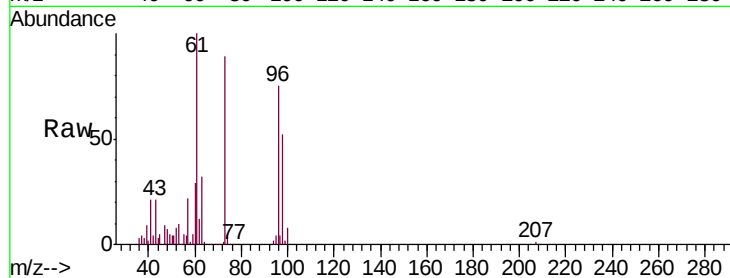
Tgt Ion: 96 Resp: 48553

Ion Ratio Lower Upper

96 100

61 134.0 107.4 161.0

98 69.5 50.8 76.2



#22

Diisopropyl ether

Concen: 18.812 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion: 45 Resp: 140619

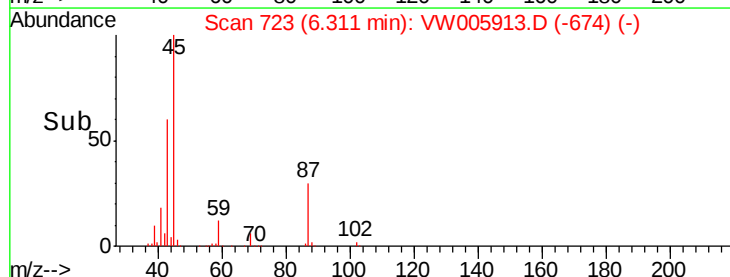
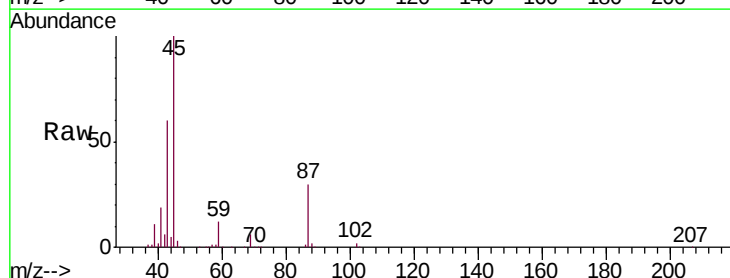
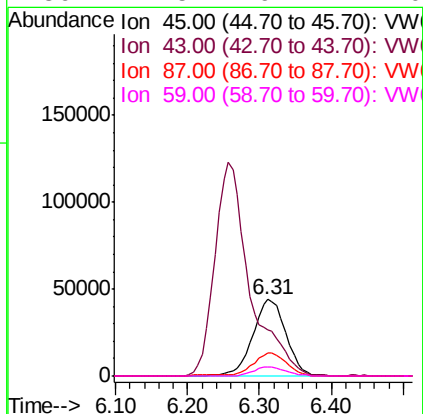
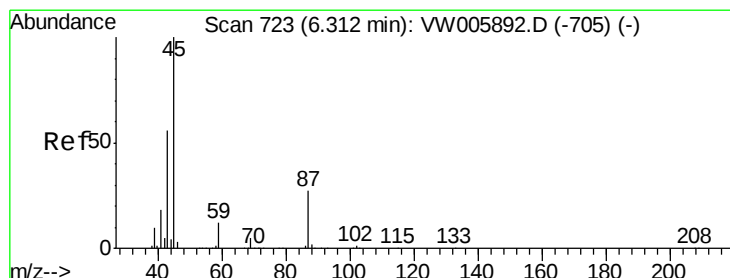
Ion Ratio Lower Upper

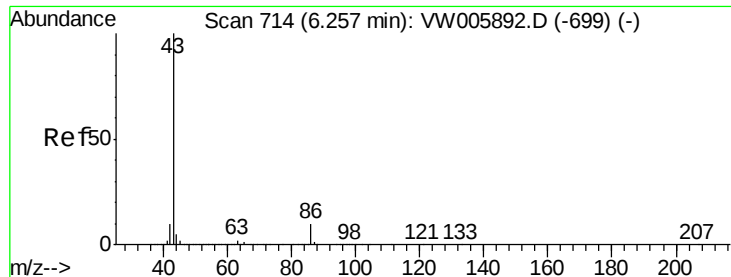
45 100

43 59.4 45.9 68.9

87 29.6 22.2 33.4

59 11.5 9.4 14.0





#23

Vinyl Acetate

Concen: 90.173 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

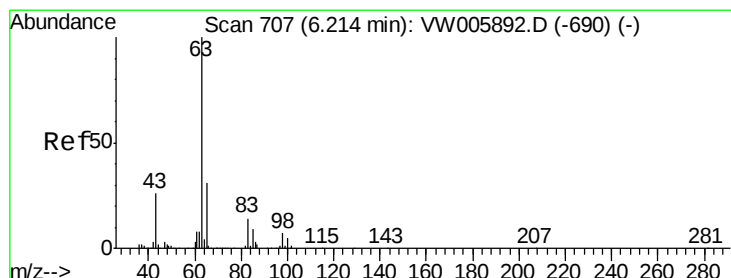
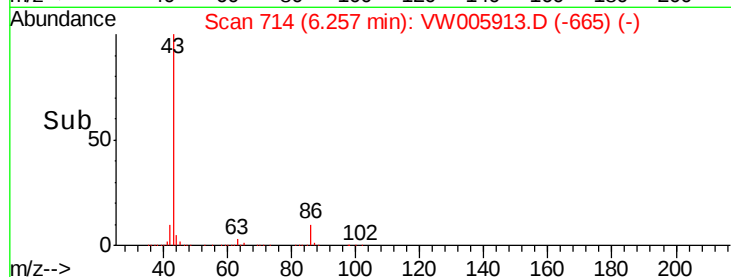
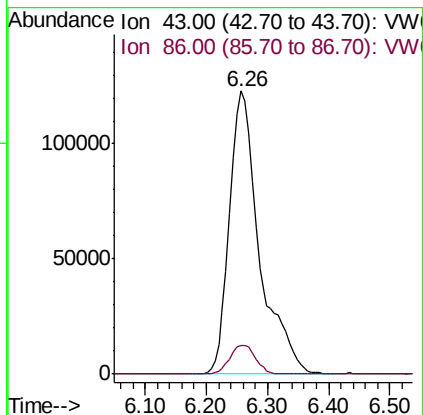
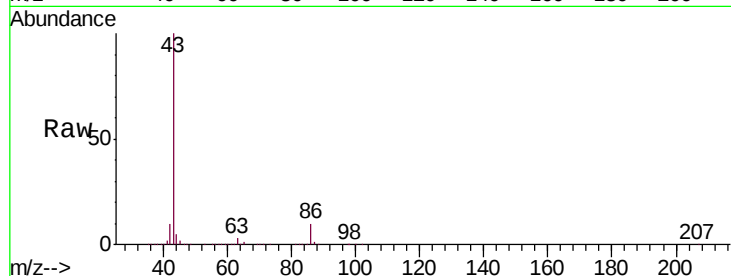
VW1008SBSD02

Tgt Ion: 43 Resp: 414853

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.4



#24

1,1-Dichloroethane

Concen: 19.029 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

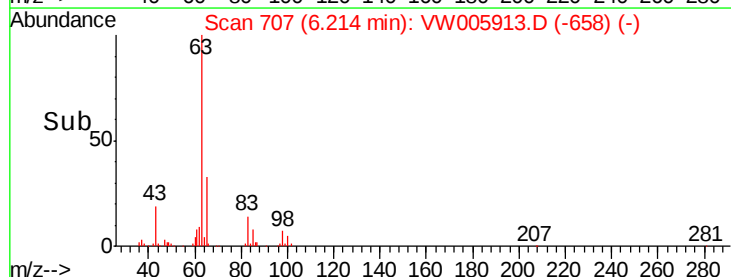
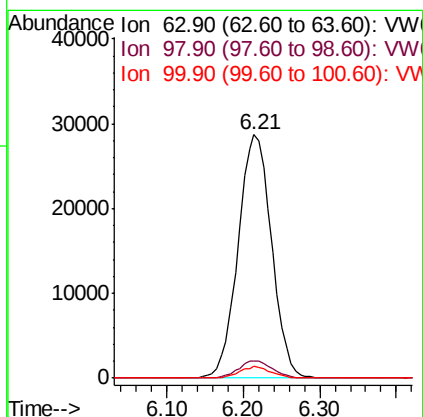
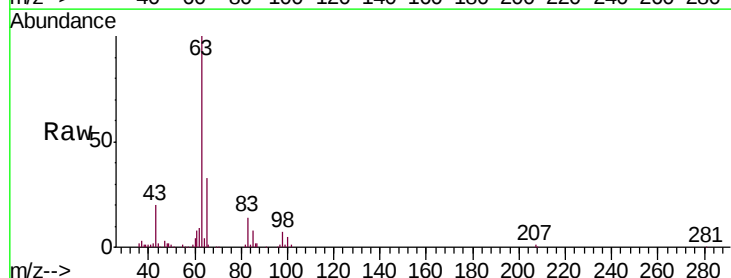
Tgt Ion: 63 Resp: 87046

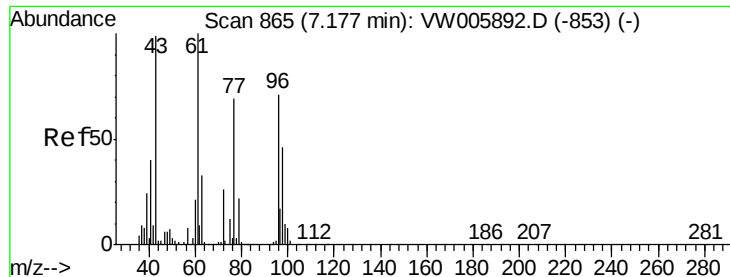
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 85.508 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

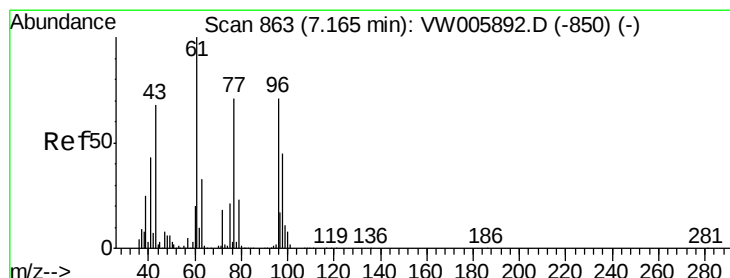
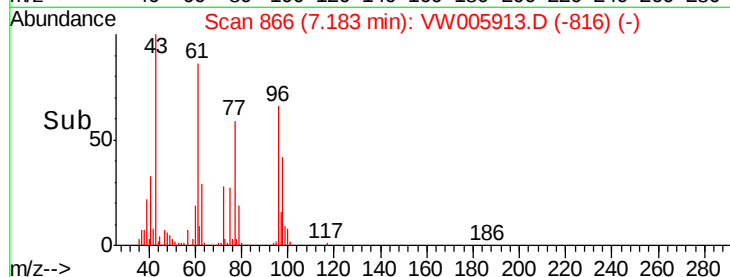
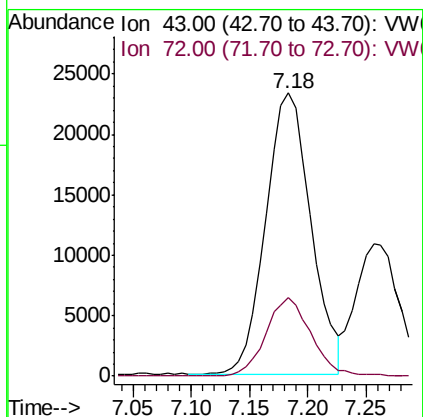
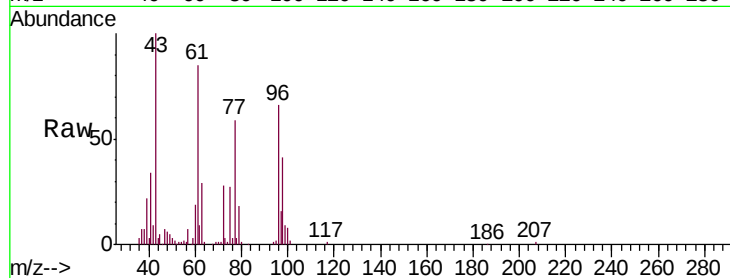
VW1008SBSD02

Tgt Ion: 43 Resp: 62814

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 17.328 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW005913.D

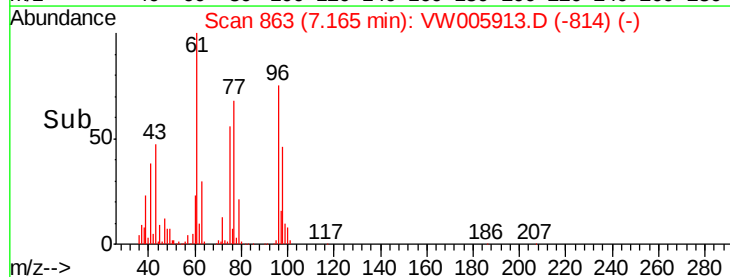
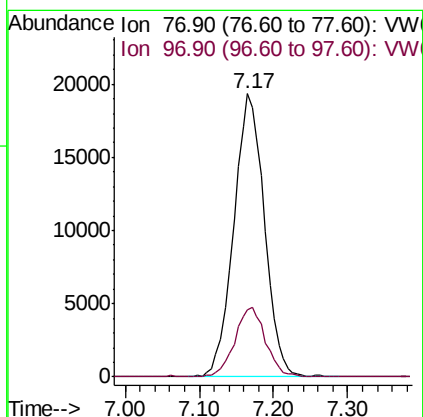
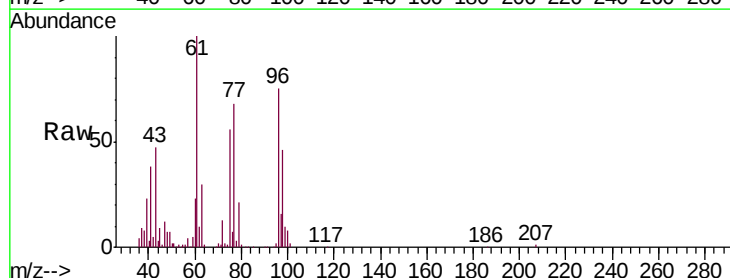
Acq: 09 Oct 2018 01:02

Tgt Ion: 77 Resp: 55783

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.7



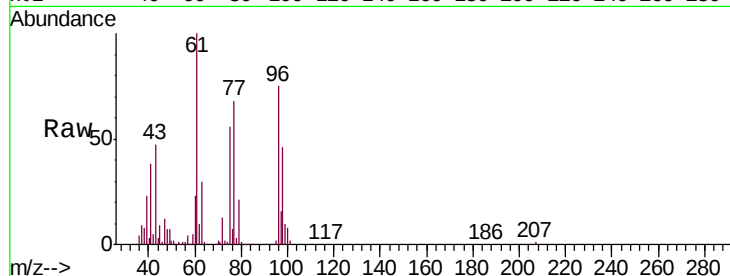


#27

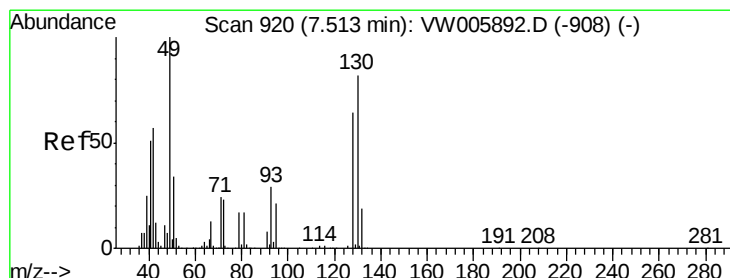
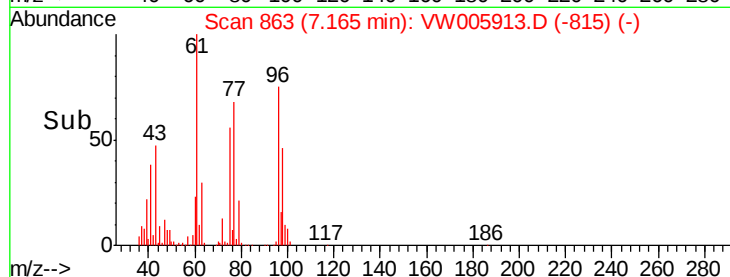
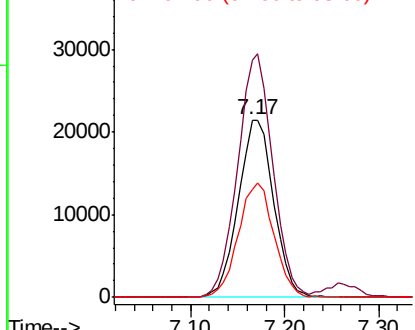
cis-1,2-Dichloroethene
 Concen: 19.575 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion: 96 Resp: 56574
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 284.0
 98 65.2 0.0 129.8



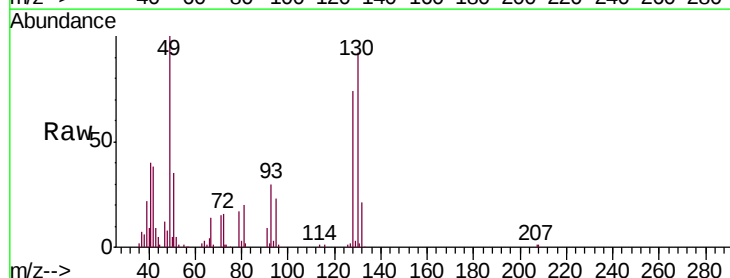
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



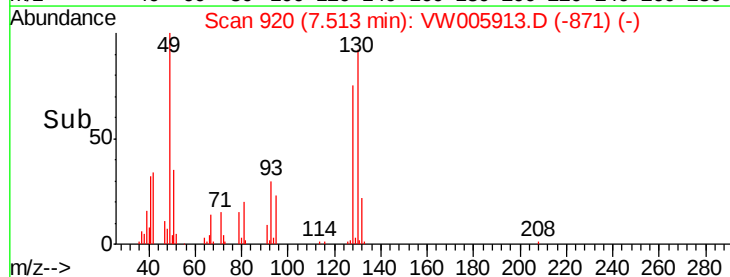
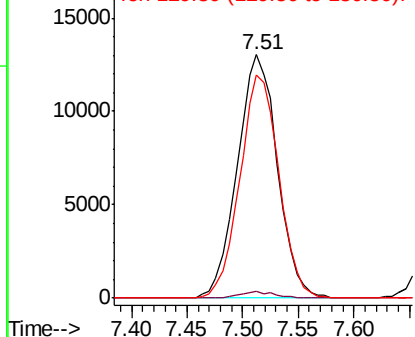
#28

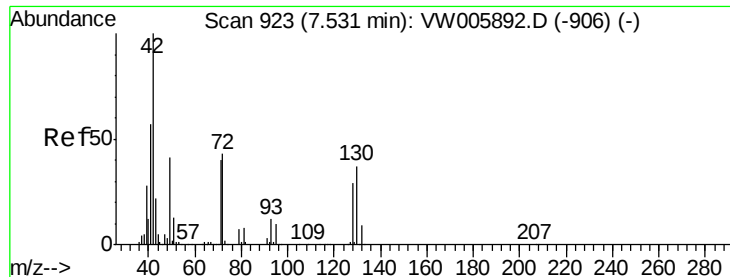
Bromochloromethane
 Concen: 19.244 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 49 Resp: 32493
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.0
 130 89.5 66.9 100.3



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





#29

Tetrahydrofuran

Concen: 88.265 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

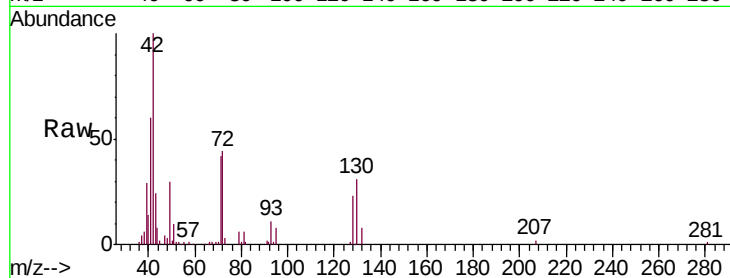
Tgt Ion: 42 Resp: 40988

Ion Ratio Lower Upper

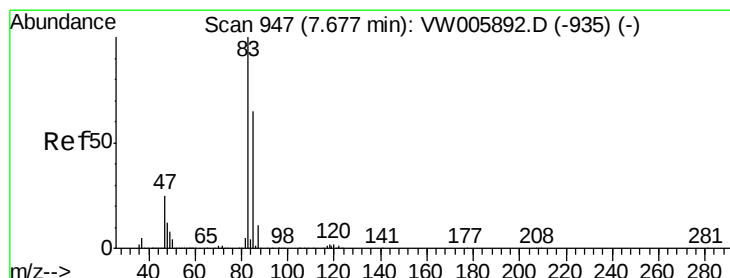
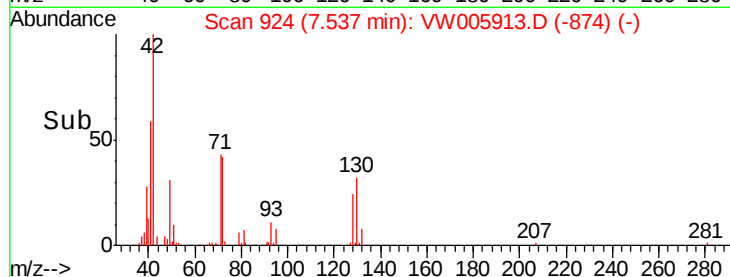
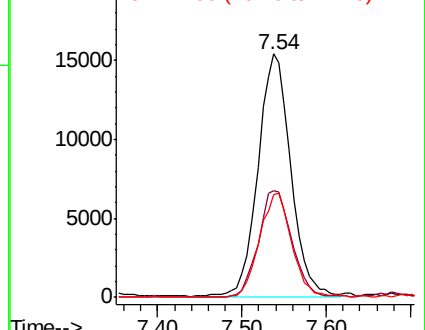
42 100

72 44.7 34.6 51.8

71 42.5 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: 19.902 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW005913.D

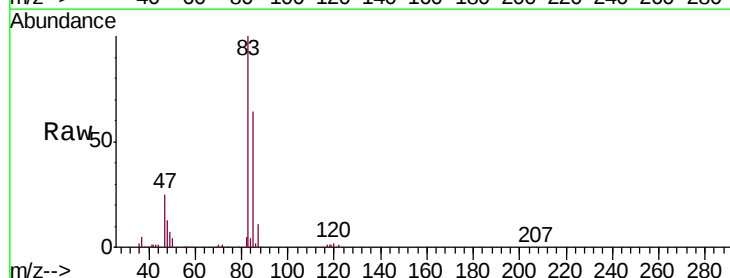
Acq: 09 Oct 2018 01:02

Tgt Ion: 83 Resp: 93512

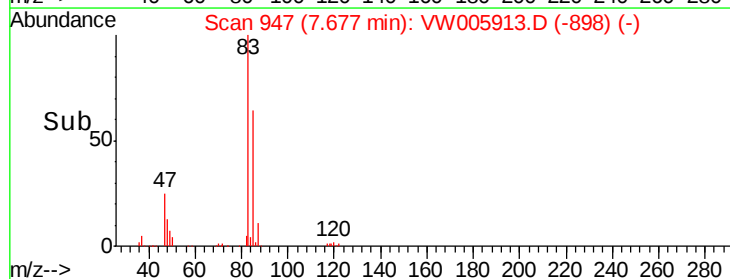
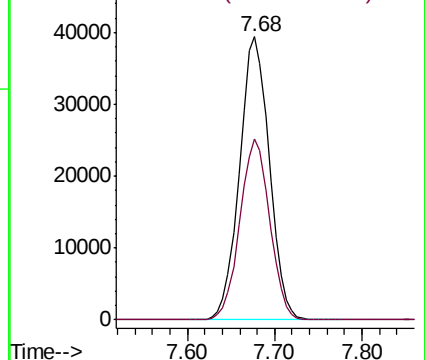
Ion Ratio Lower Upper

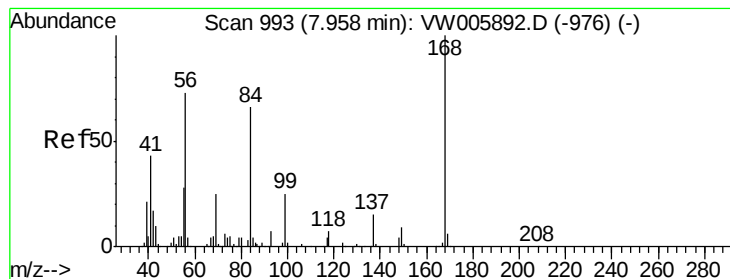
83 100

85 63.7 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: 17.063 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

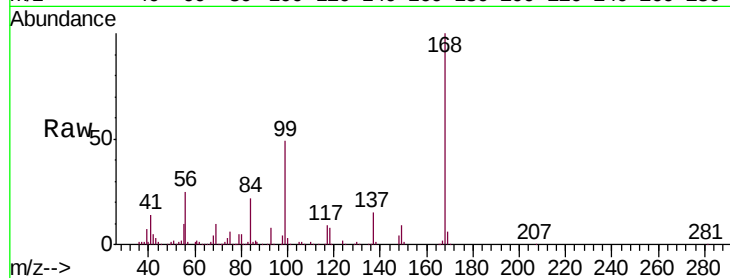
Tgt Ion: 56 Resp: 77242

Ion Ratio Lower Upper

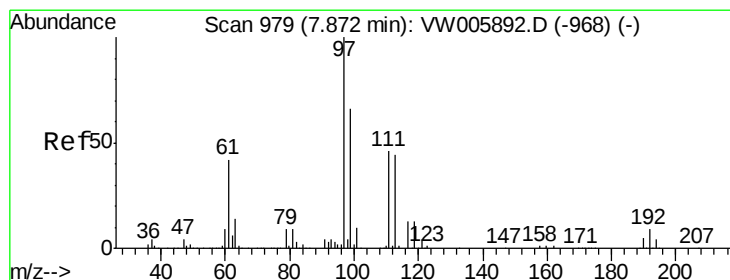
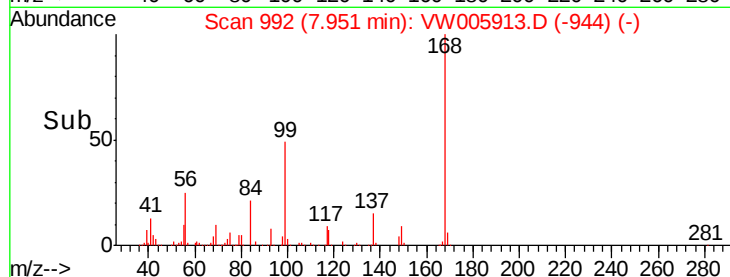
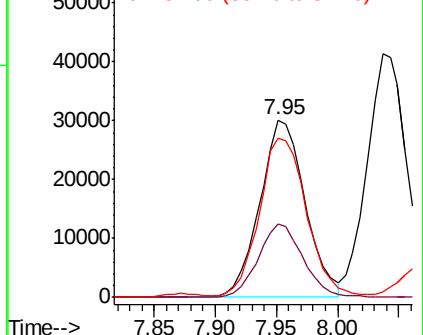
56 100

69 41.1 27.9 41.9

84 88.7 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: 19.305 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

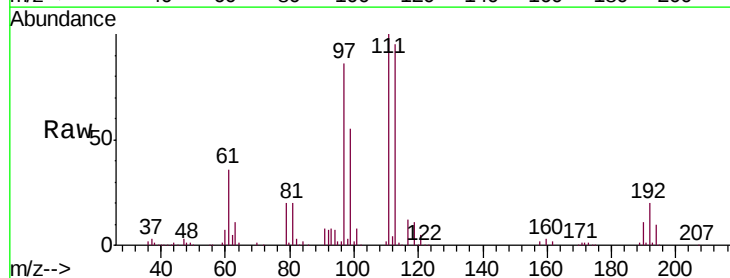
Tgt Ion: 97 Resp: 80779

Ion Ratio Lower Upper

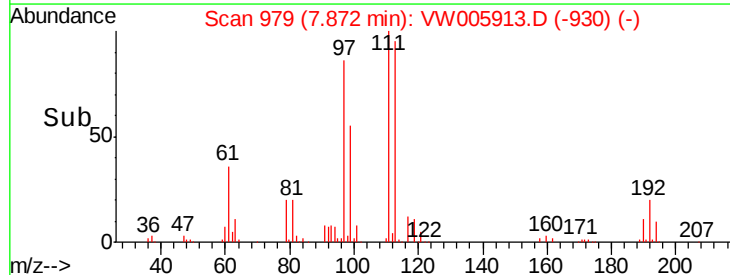
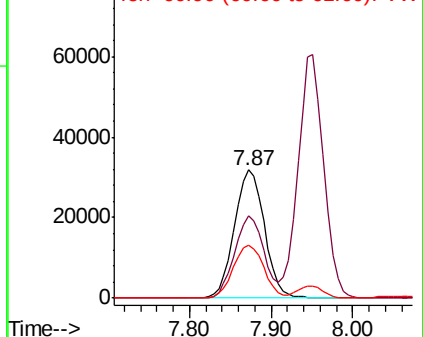
97 100

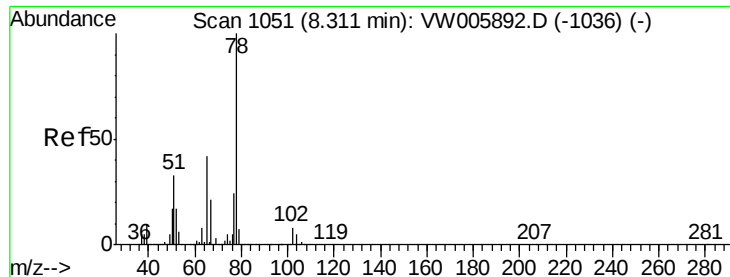
99 63.1 51.6 77.4

61 42.6 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

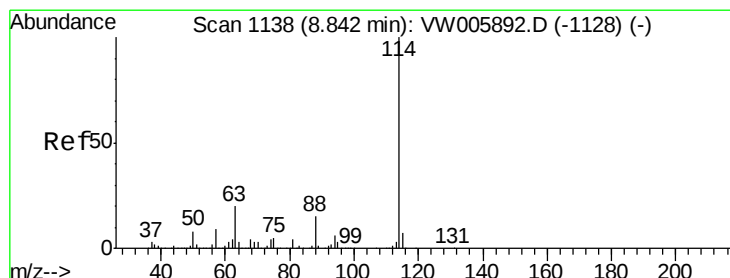
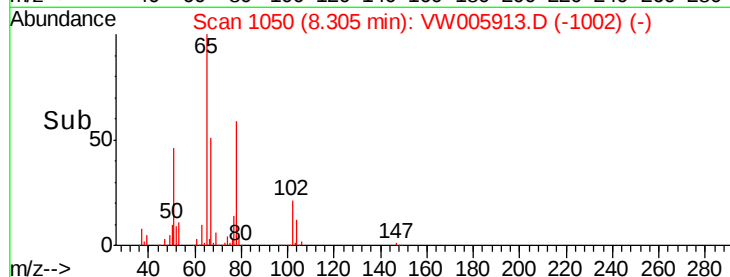
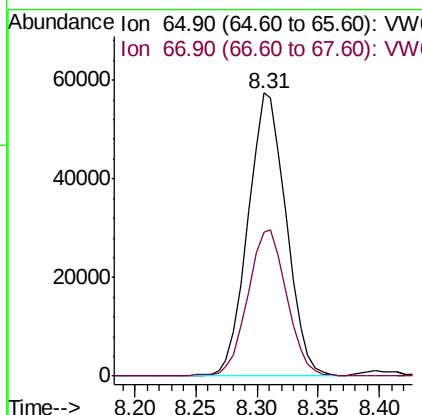
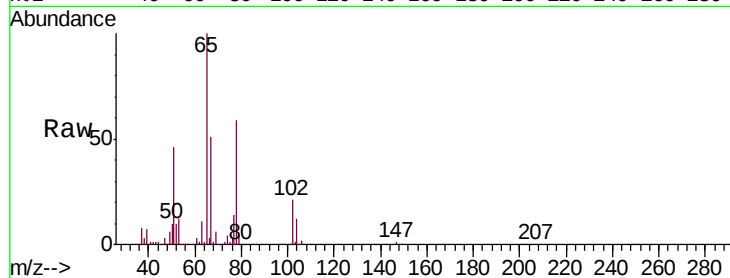




#33
 1,2-Dichloroethane-d4
 Concen: 48.195 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

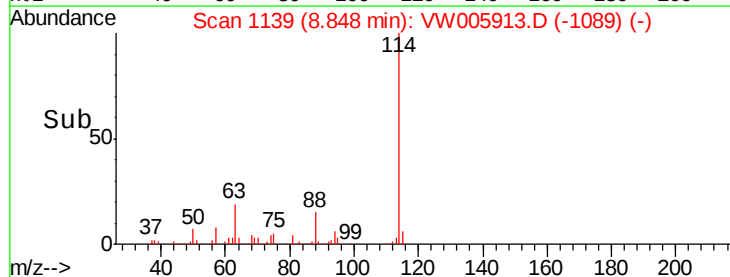
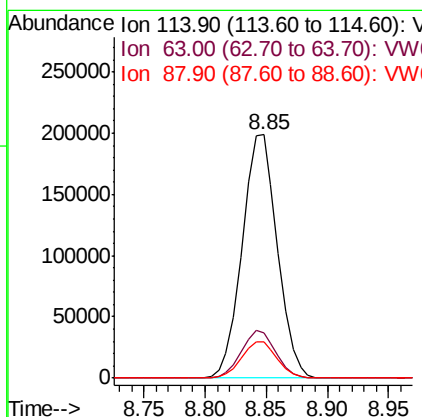
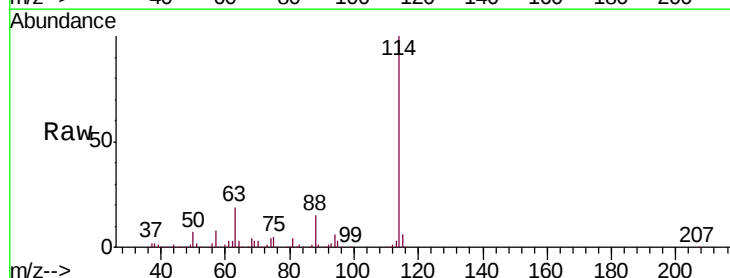
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

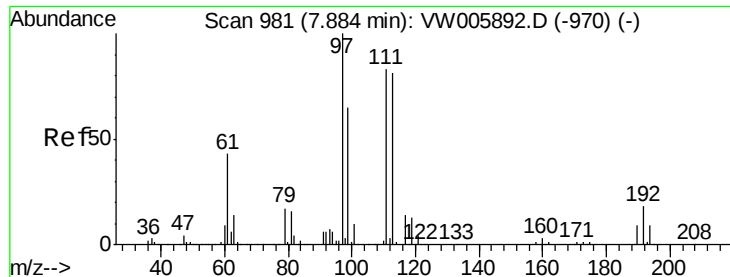
Tgt Ion: 65 Resp: 124619
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 114 Resp: 396628
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.7 0.0 30.8

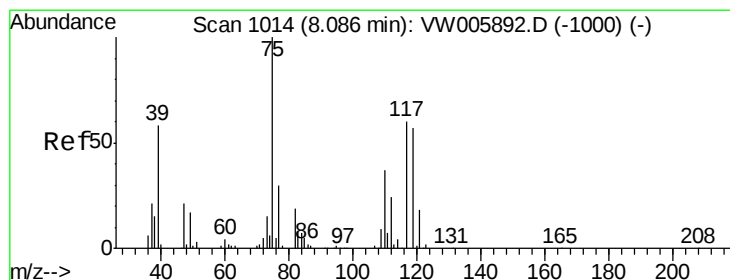
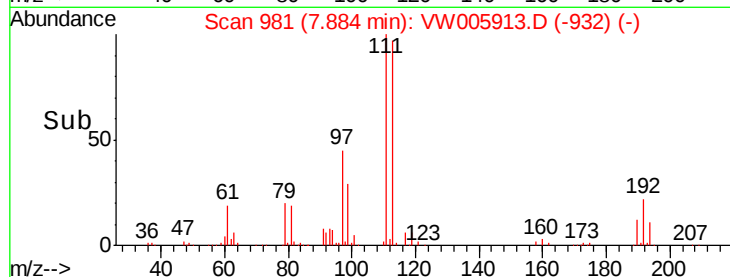
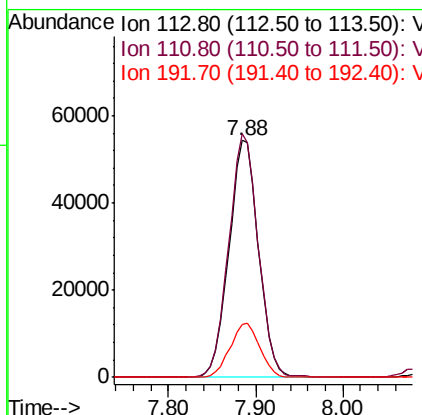
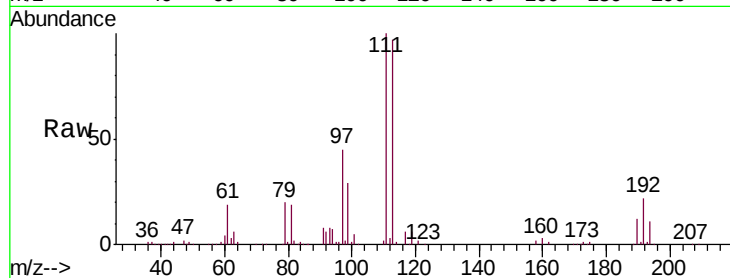




#35
 Dibromofluoromethane
 Concen: 50.455 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

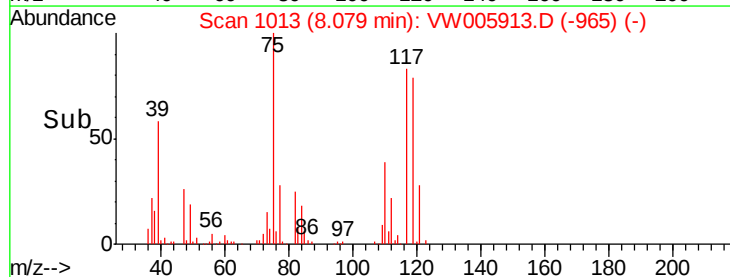
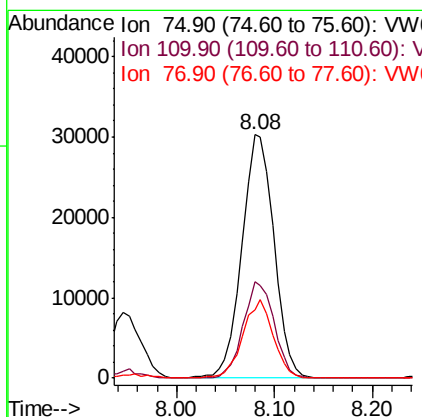
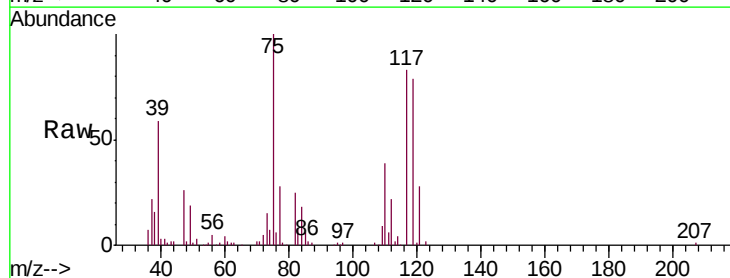
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	22.8	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 18.191 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.6	56.0
77	30.6	24.7	37.1

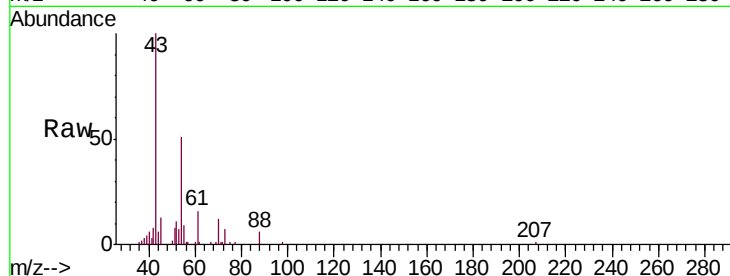




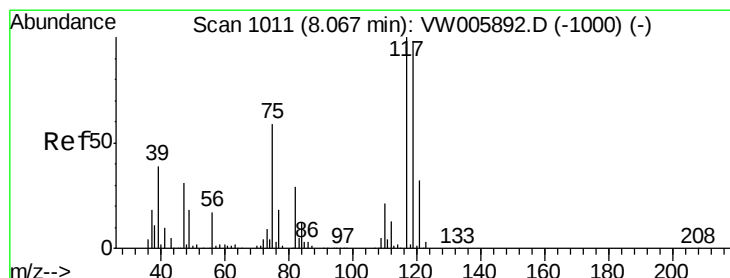
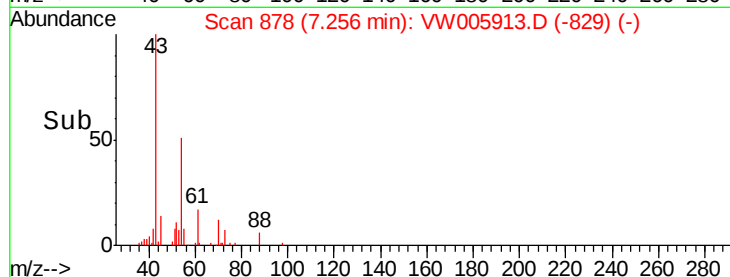
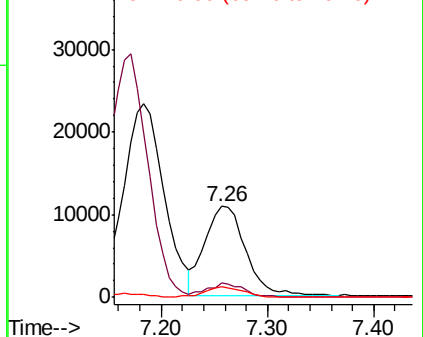
#37
 Ethyl Acetate
 Concen: 17.791 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion: 43 Resp: 28633
 Ion Ratio Lower Upper
 43 100
 61 14.7 10.6 16.0
 70 11.4 8.6 13.0

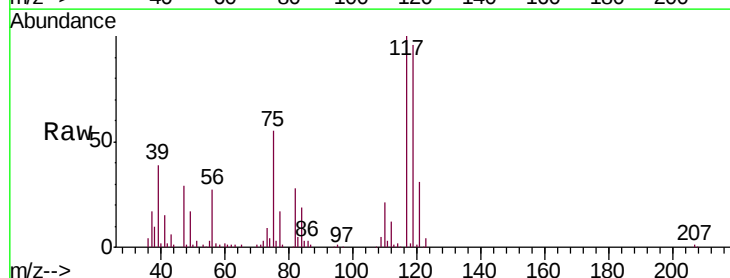


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

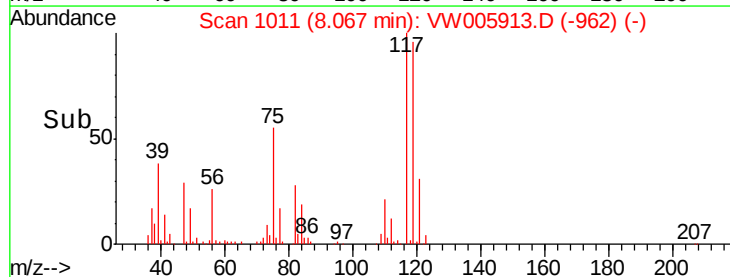
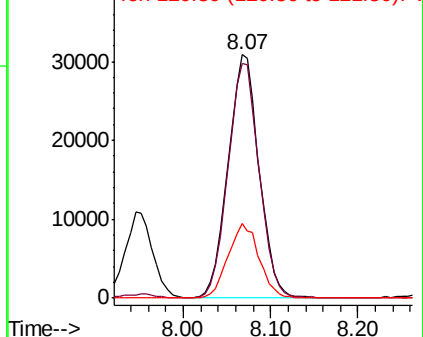


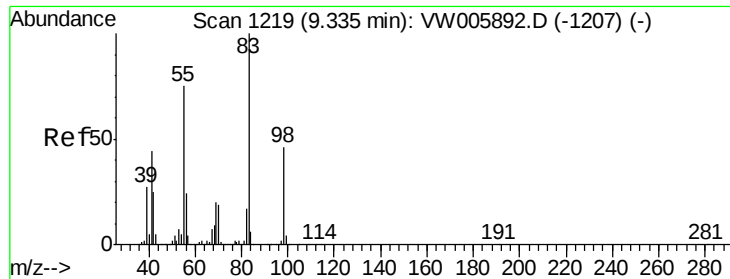
#38
 Carbon Tetrachloride
 Concen: 18.615 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 117 Resp: 76009
 Ion Ratio Lower Upper
 117 100
 119 96.3 78.6 117.8
 121 30.7 25.3 37.9



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

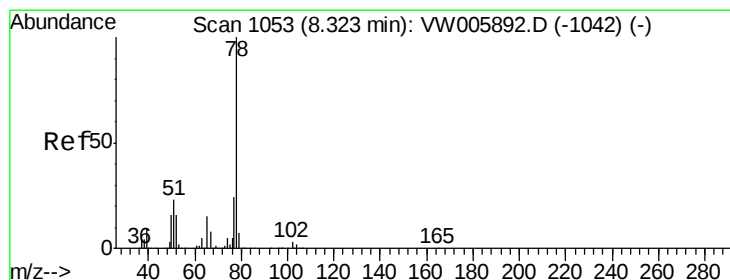
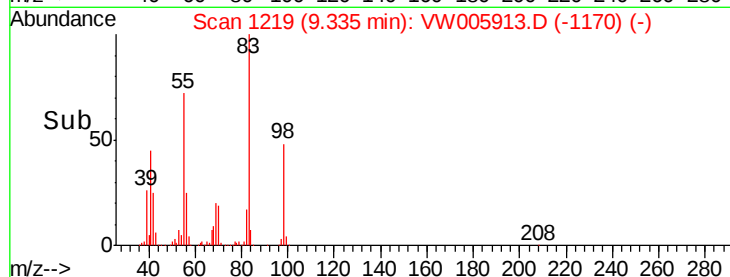
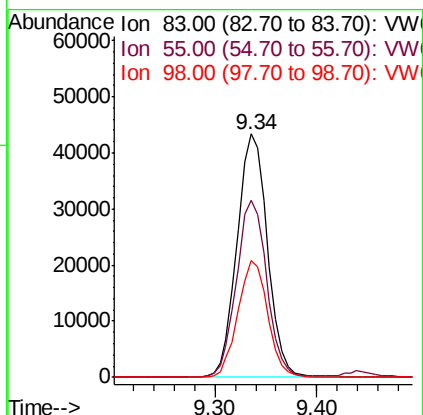
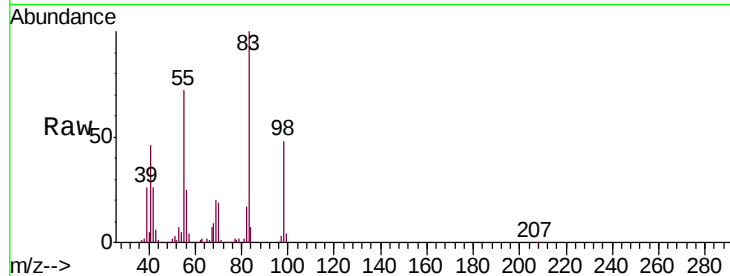




#39
Methylcyclohexane
Concen: 17.871 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

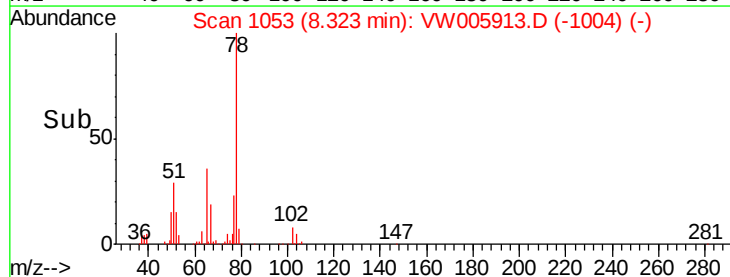
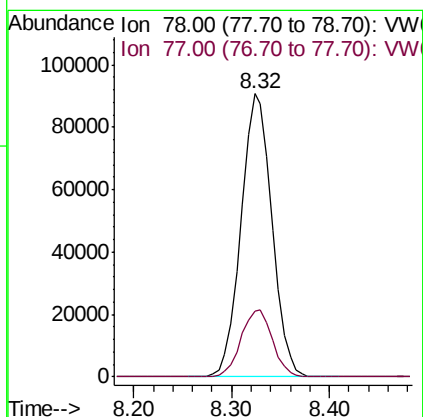
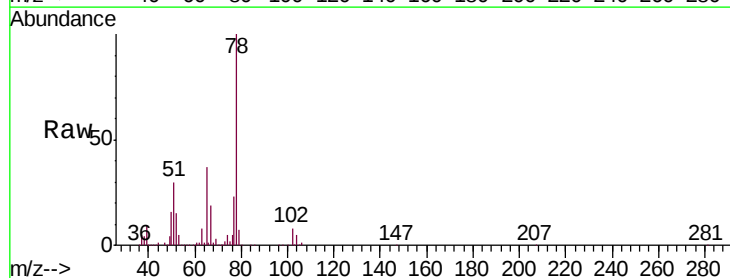
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

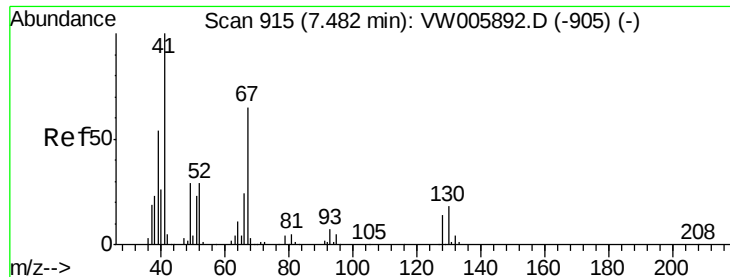
Tgt Ion: 83 Resp: 89582
Ion Ratio Lower Upper
83 100
55 72.2 59.8 89.6
98 48.2 37.1 55.7



#40
Benzene
Concen: 19.037 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 78 Resp: 198015
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





#41

Methacrylonitrile

Concen: 17.864 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

Tgt Ion: 41 Resp: 18000

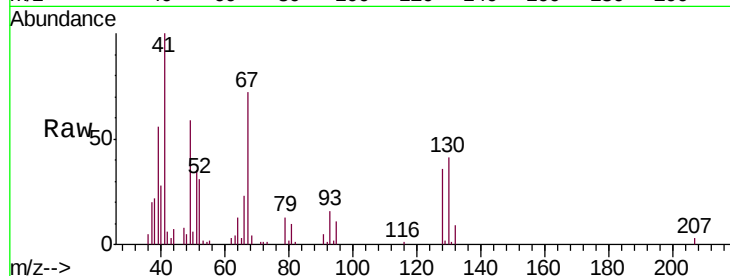
Ion Ratio Lower Upper

41 100

39 59.4 45.0 67.4

67 72.1 55.8 83.8

52 30.5 25.3 37.9

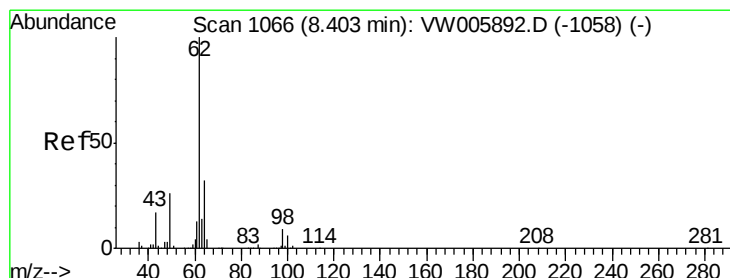
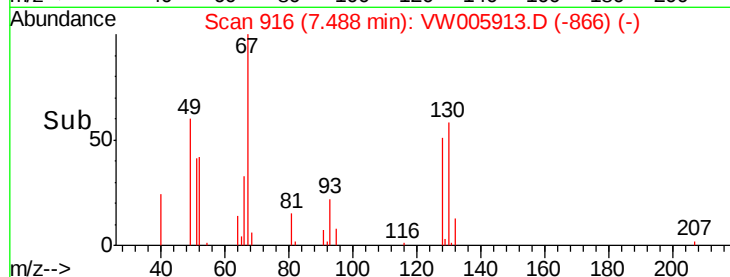
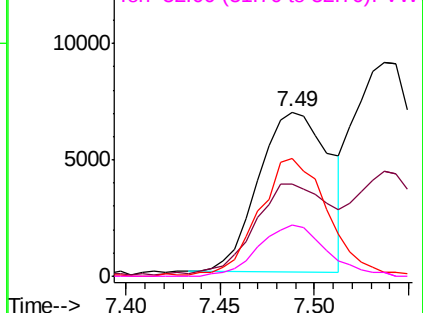


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 18.648 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW005913.D

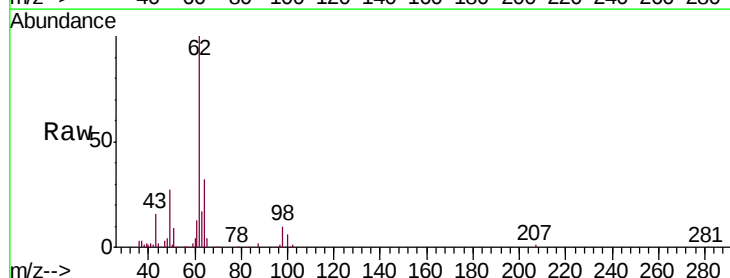
Acq: 09 Oct 2018 01:02

Tgt Ion: 62 Resp: 58603

Ion Ratio Lower Upper

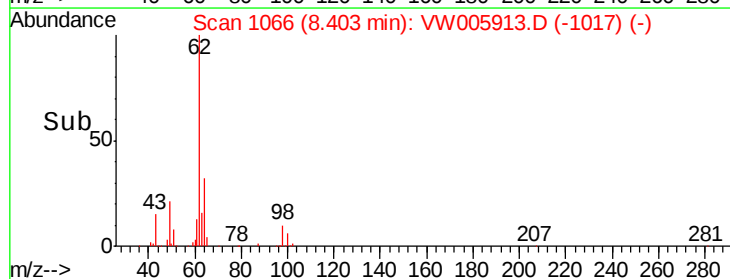
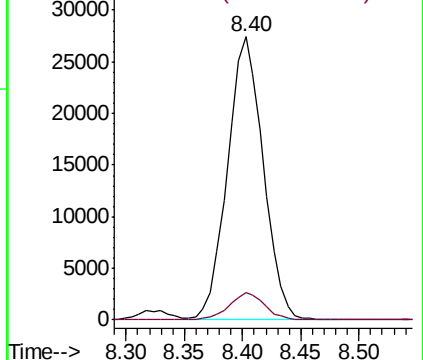
62 100

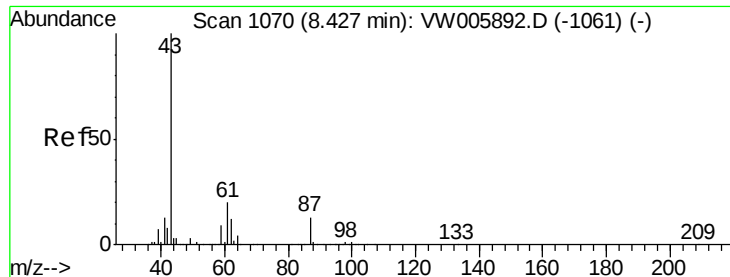
98 9.4 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 17.975 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

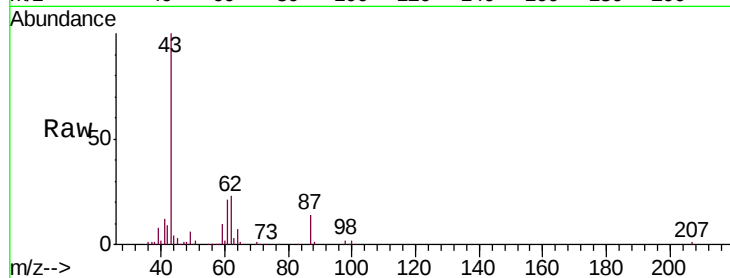
Tgt Ion: 43 Resp: 60431

Ion Ratio Lower Upper

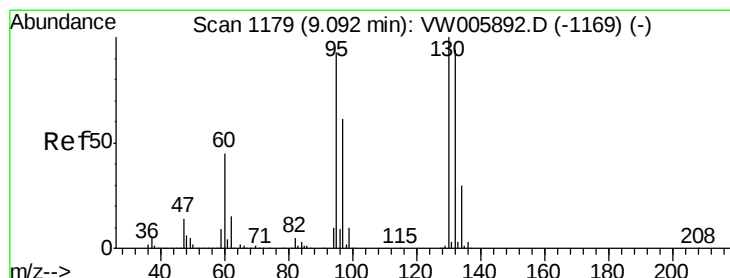
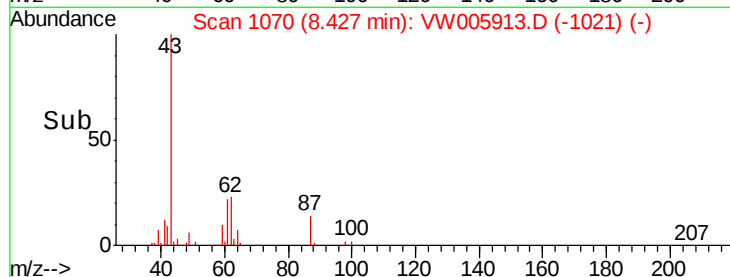
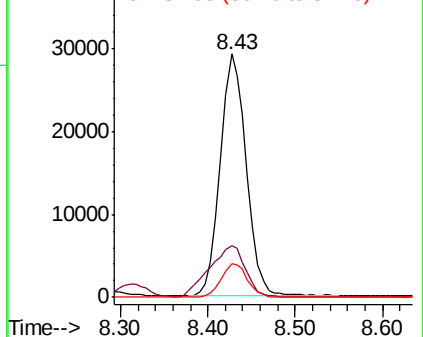
43 100

61 29.8 23.1 34.7

87 13.8 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: 19.486 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW005913.D

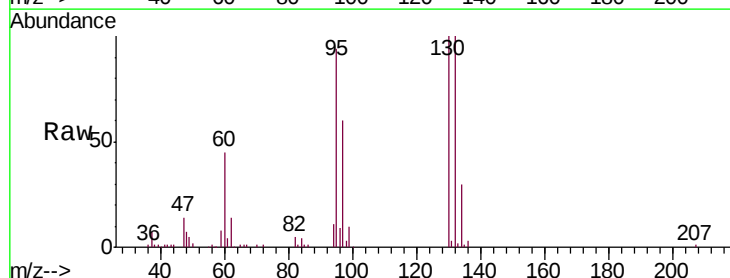
Acq: 09 Oct 2018 01:02

Tgt Ion: 130 Resp: 58809

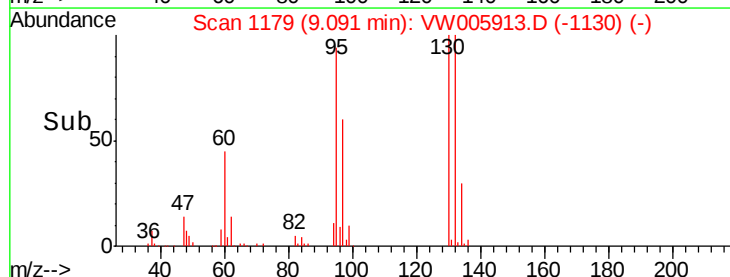
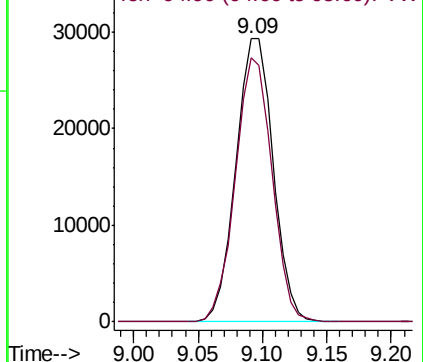
Ion Ratio Lower Upper

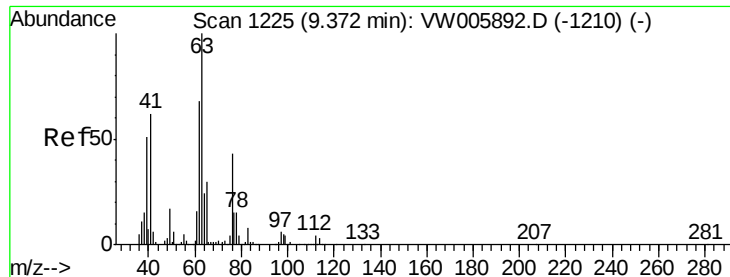
130 100

95 93.6 0.0 185.6



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

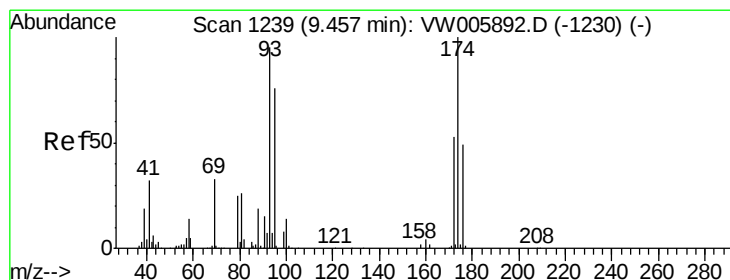
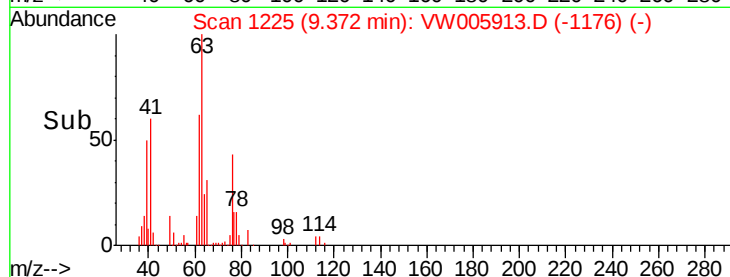
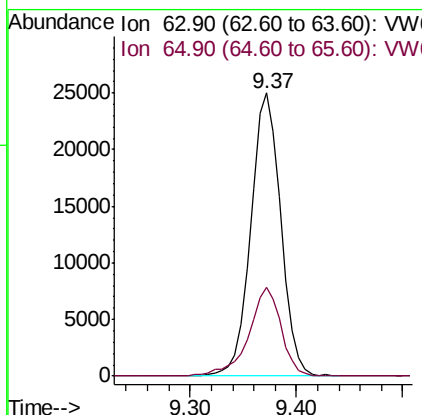
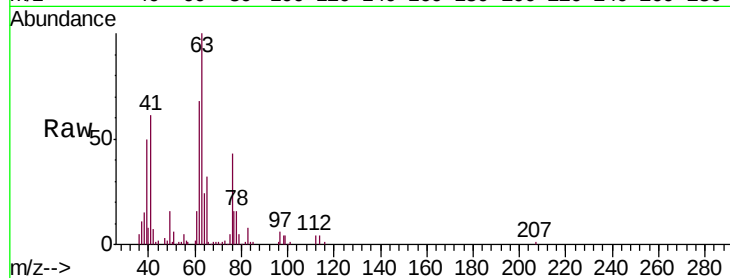




#45
 1,2-Dichloropropane
 Concen: 19.006 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

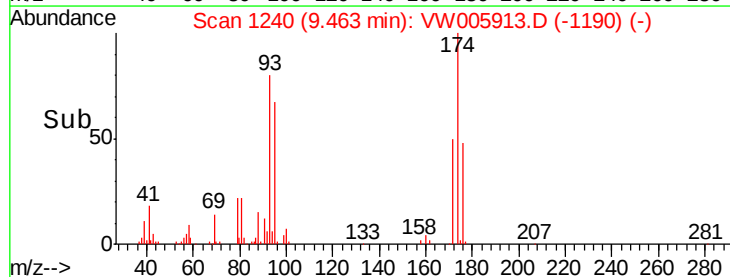
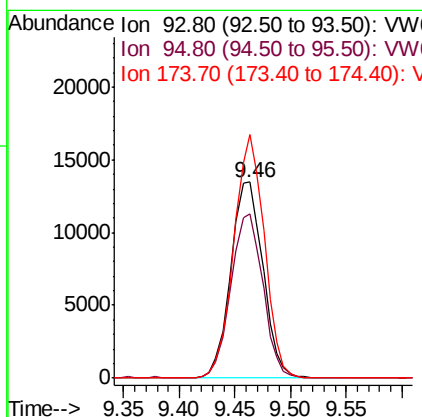
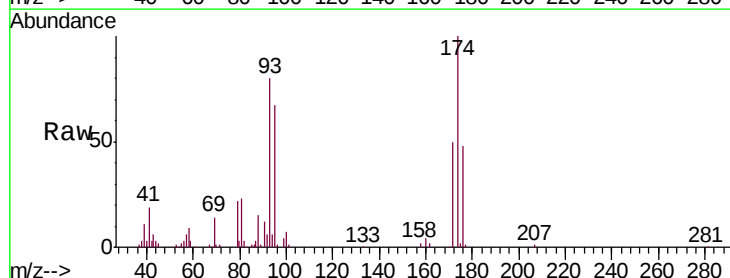
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

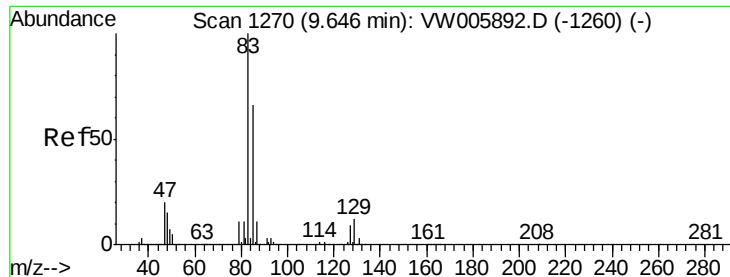
Tgt Ion: 63 Resp: 49486
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 18.948 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 93 Resp: 27115
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 99.8
 174 116.7 90.4 135.6





#47

Bromodichloromethane

Concen: 19.055 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

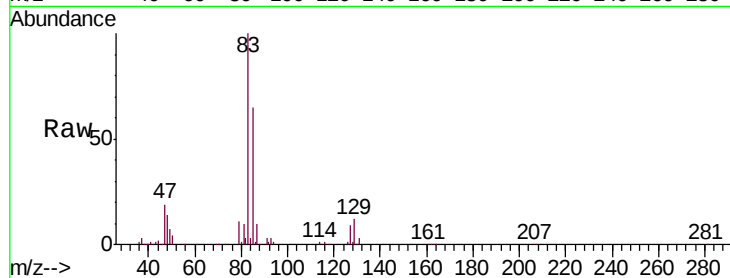
Tgt Ion: 83 Resp: 68616

Ion Ratio Lower Upper

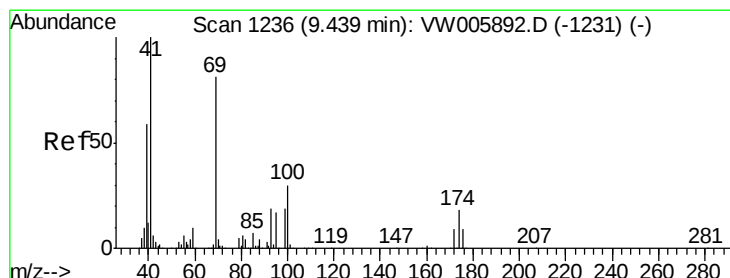
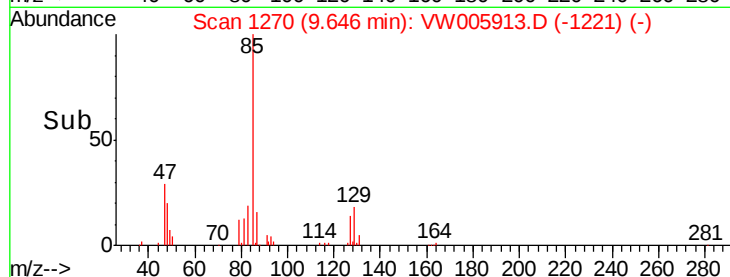
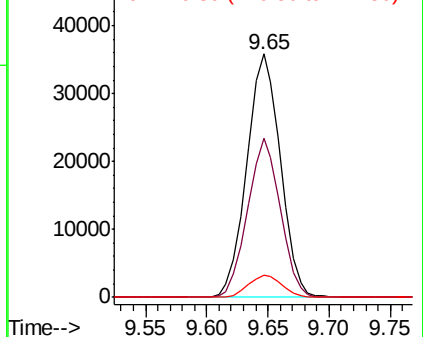
83 100

85 65.3 53.0 79.6

127 9.3 7.4 11.0



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



#48

Methyl methacrylate

Concen: 17.801 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

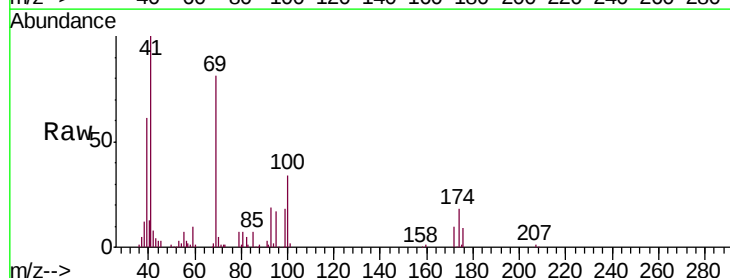
Tgt Ion: 41 Resp: 28509

Ion Ratio Lower Upper

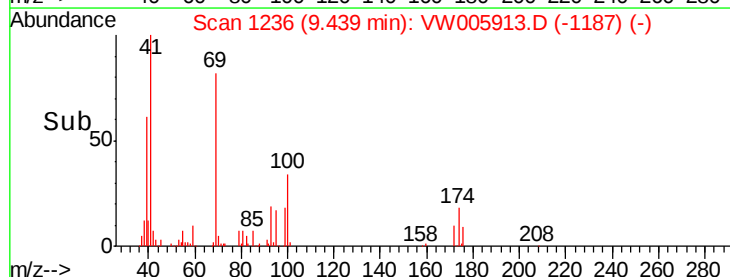
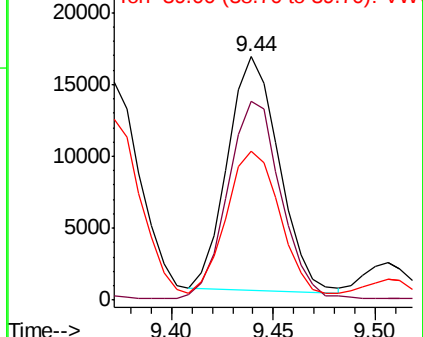
41 100

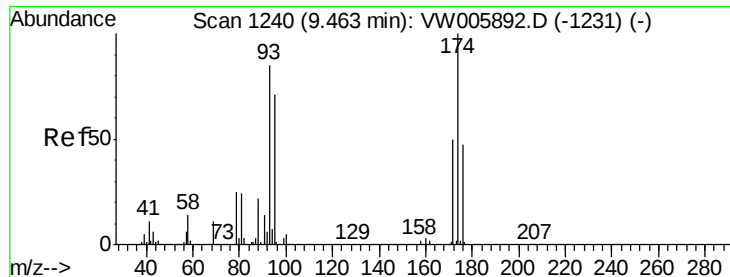
69 86.8 68.7 103.1

39 66.8 50.0 75.0



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

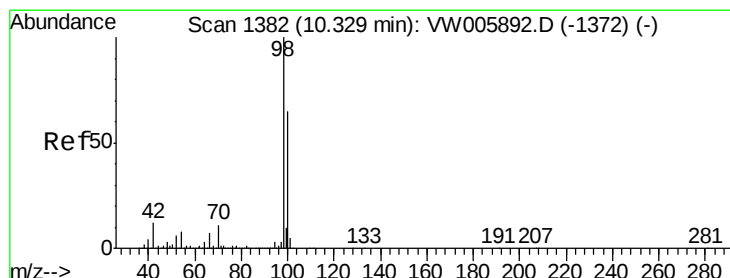
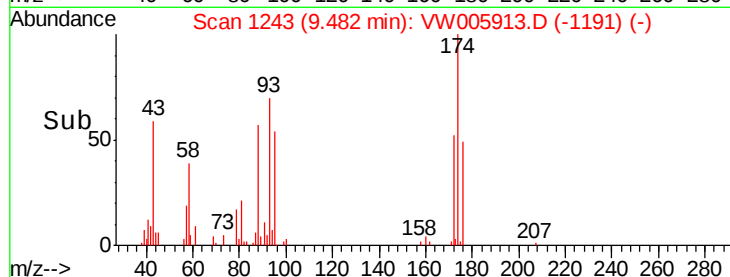
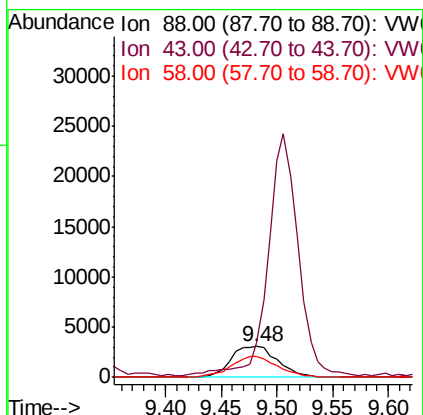
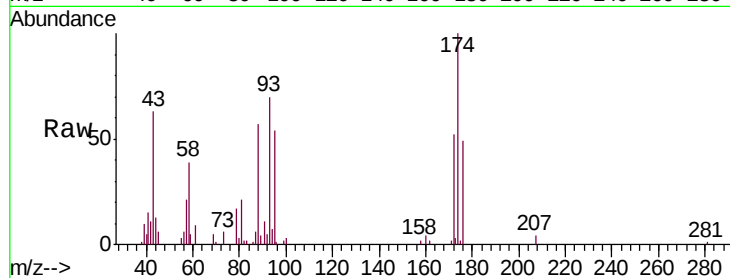




#49
1,4-Dioxane
Concen: 416.402 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

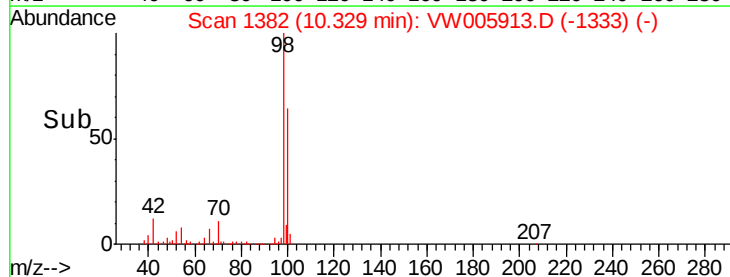
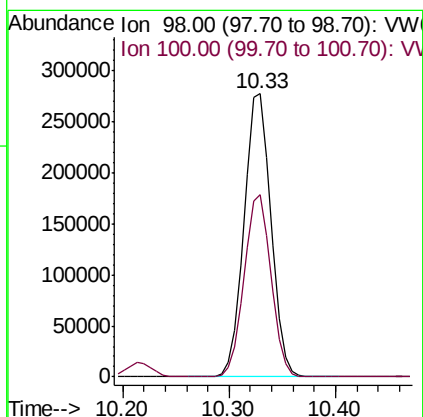
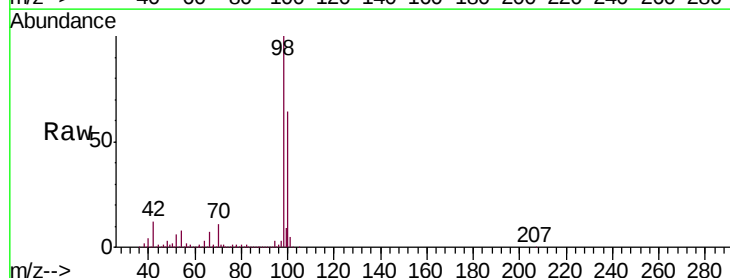
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion: 88 Resp: 9051
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.2 57.7 86.5



#50
Toluene-d8
Concen: 50.728 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 98 Resp: 494237
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

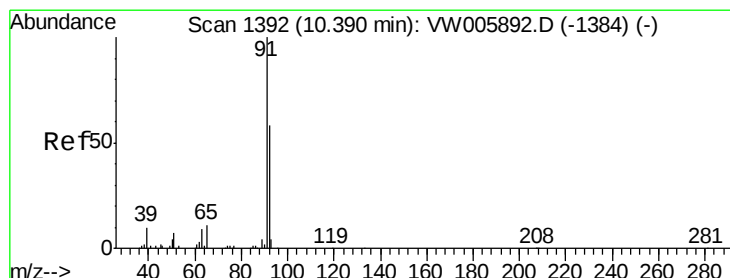
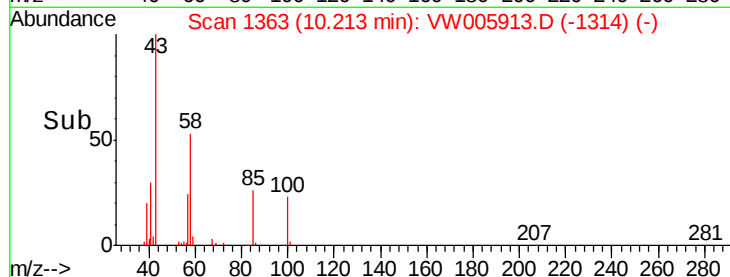
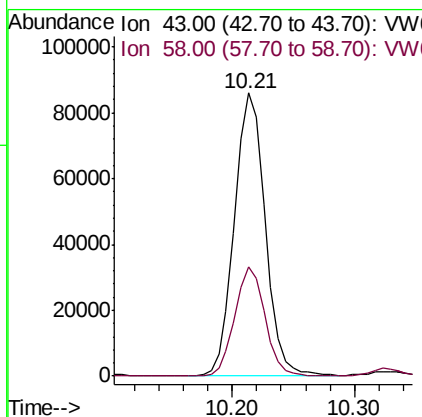
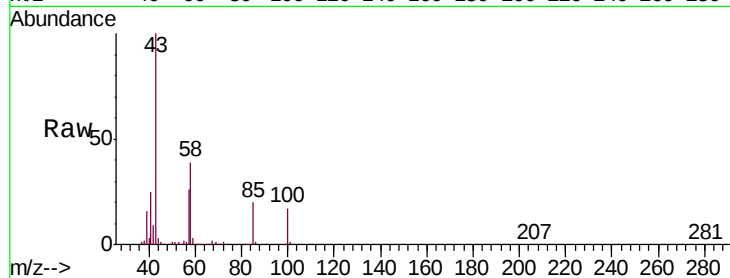




#51
 4-Methyl-2-Pentanone
 Concen: 91.186 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

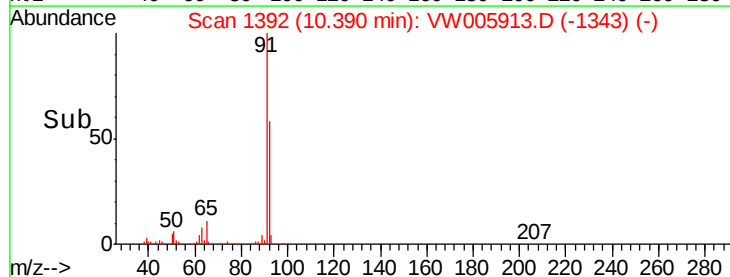
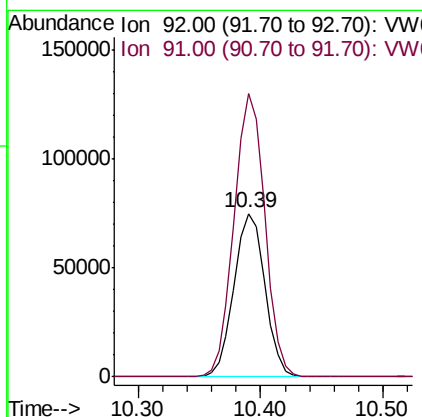
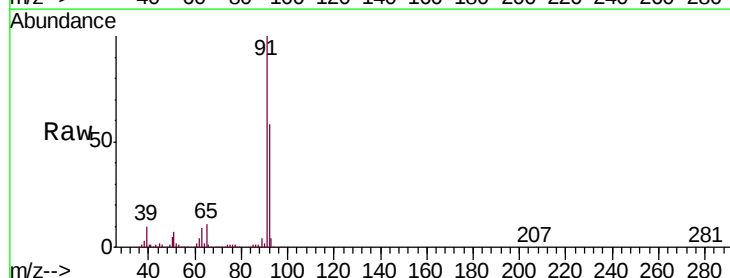
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

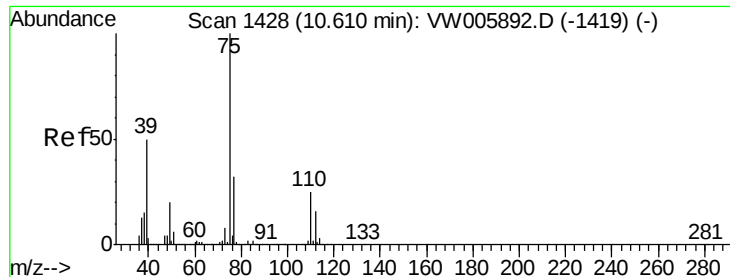
Tgt Ion: 43 Resp: 149282
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.2 45.4



#52
 Toluene
 Concen: 19.189 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 92 Resp: 131129
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.887 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

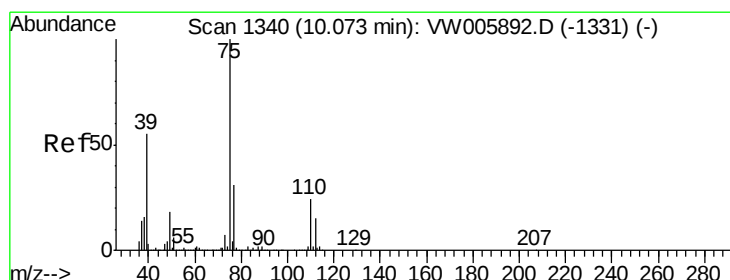
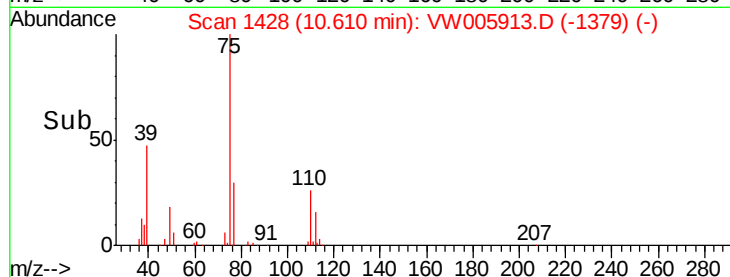
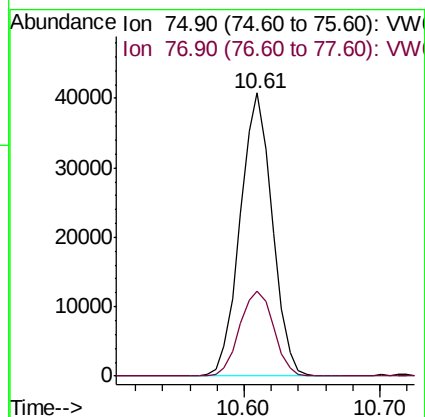
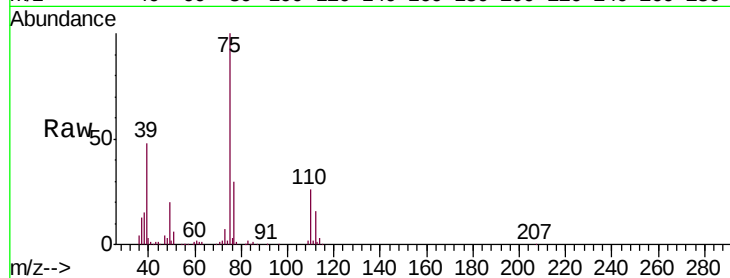
VW1008SBSD02

Tgt Ion: 75 Resp: 67312

Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.075 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

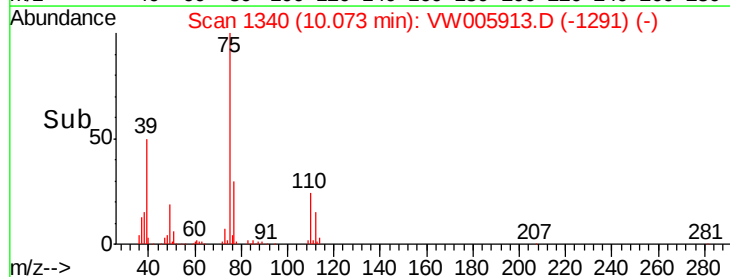
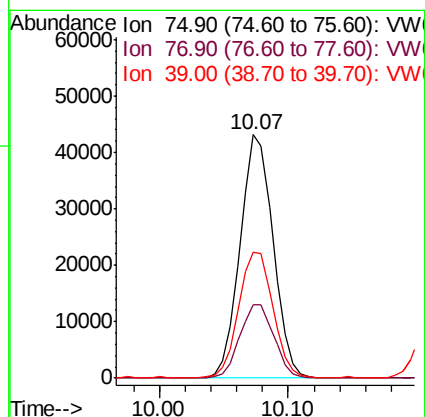
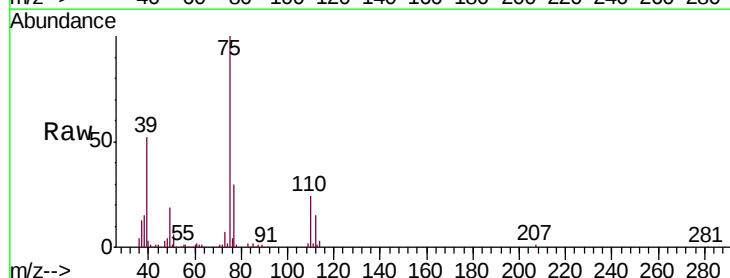
Tgt Ion: 75 Resp: 76459

Ion Ratio Lower Upper

75 100

77 30.1 24.6 37.0

39 51.3 44.2 66.4

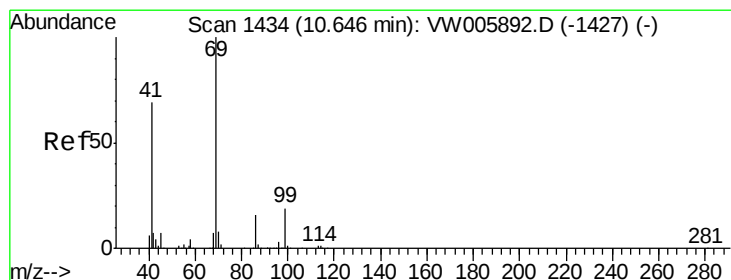
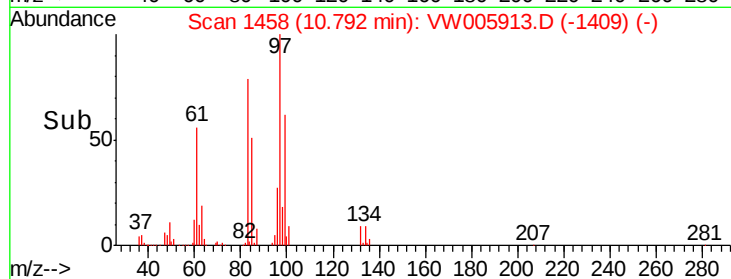
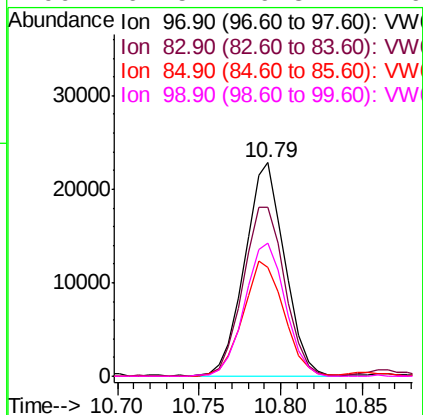
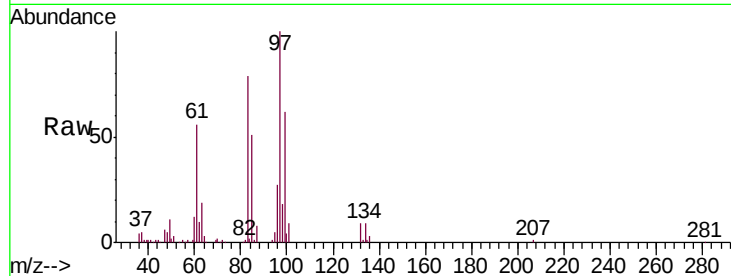




#55
 1,1,2-Trichloroethane
 Concen: 19.423 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

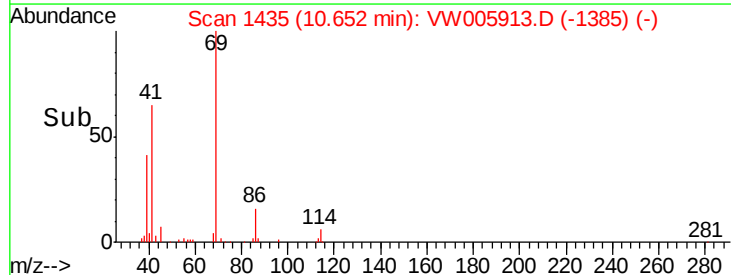
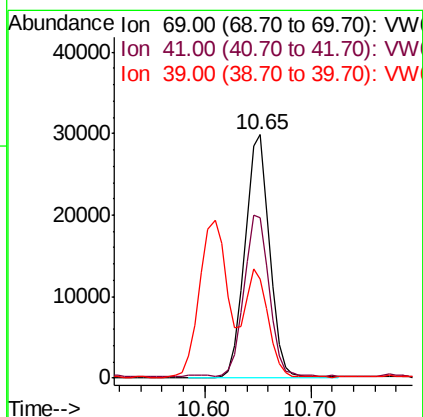
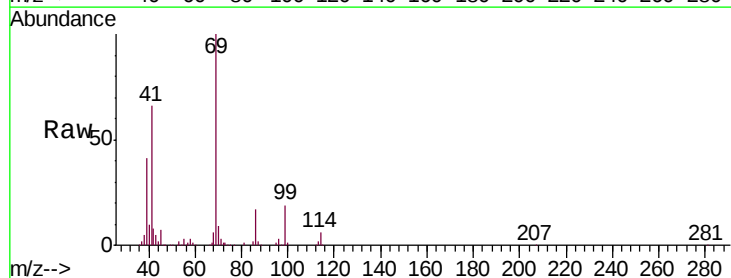
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Tgt Ion:	97	Resp:	38498
Ion	Ratio	Lower	Upper
97	100		
83	79.1	66.9	100.3
85	51.2	43.4	65.0
99	62.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.223 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion:	69	Resp:	48681
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.0	84.0
39	42.7	33.5	50.3





#57

1,3-Dichloropropane

Concen: 18.872 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

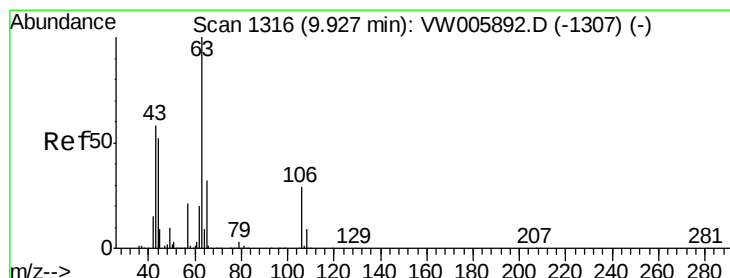
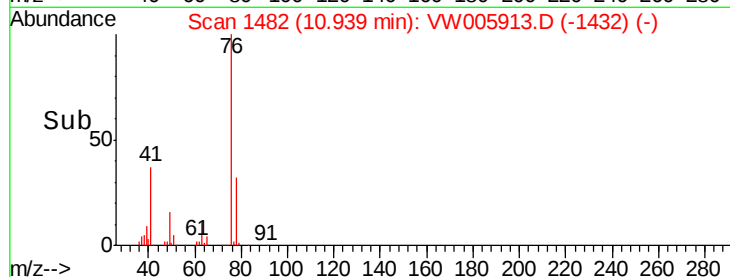
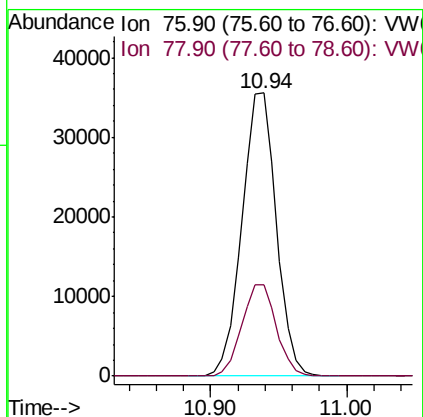
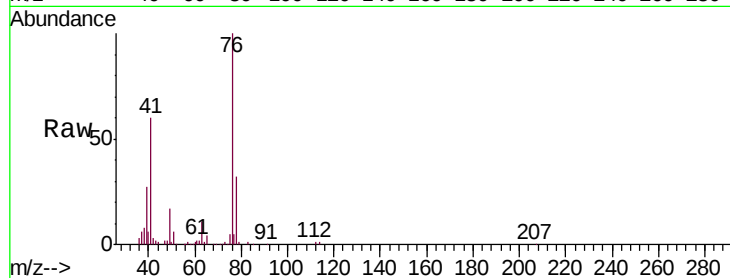
VW1008SBSD02

Tgt Ion: 76 Resp: 62925

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.849 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005913.D

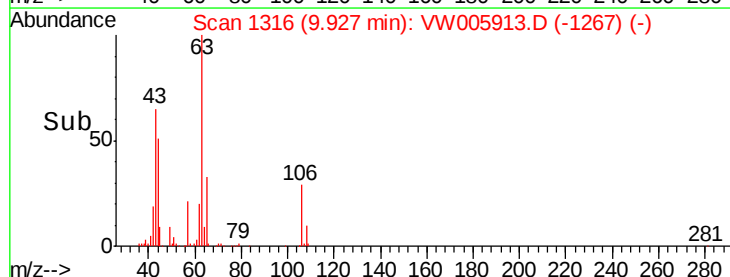
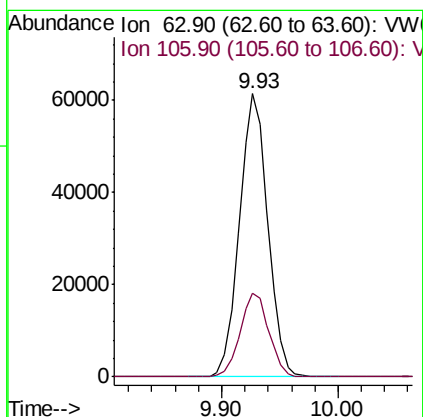
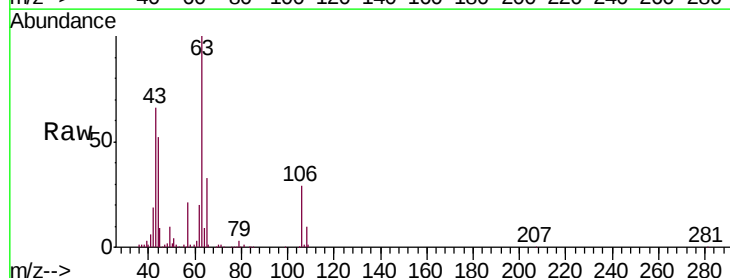
Acq: 09 Oct 2018 01:02

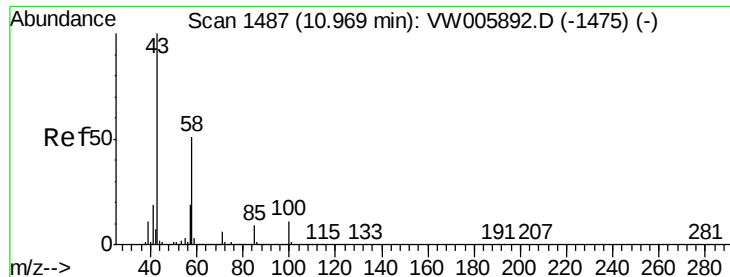
Tgt Ion: 63 Resp: 104185

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4

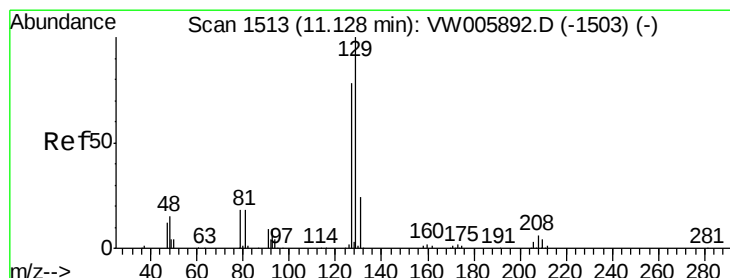
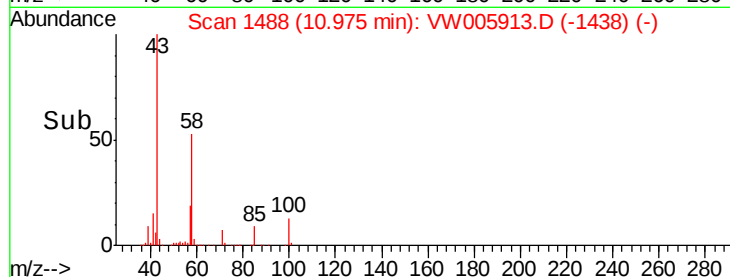
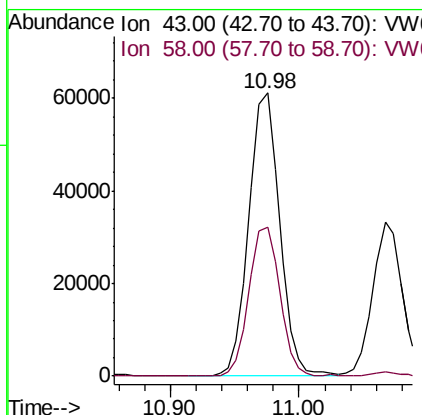
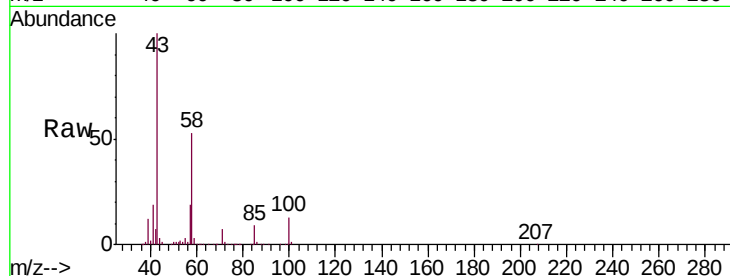




#59
2-Hexanone
Concen: 85.755 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

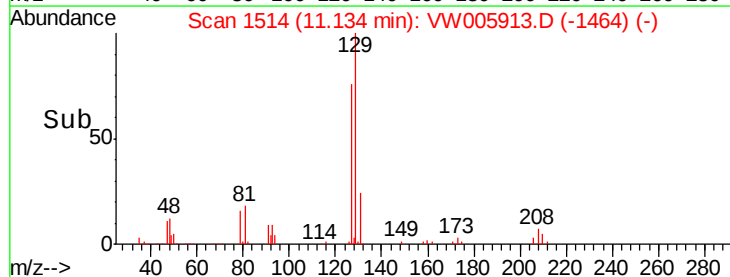
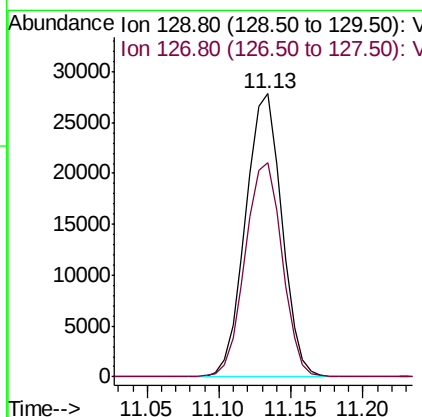
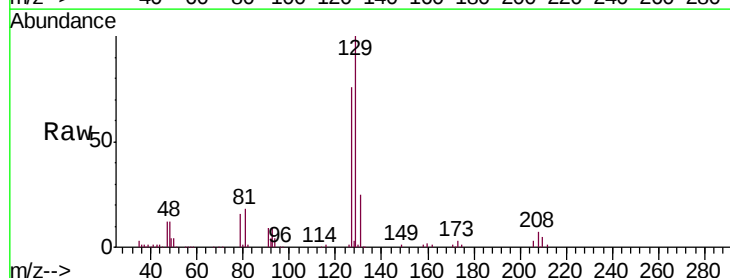
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion: 43 Resp: 100662
Ion Ratio Lower Upper
43 100
58 53.2 25.7 77.1



#60
Dibromochloromethane
Concen: 19.029 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 129 Resp: 48671
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

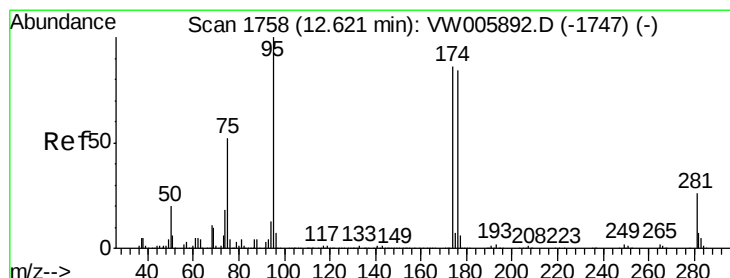
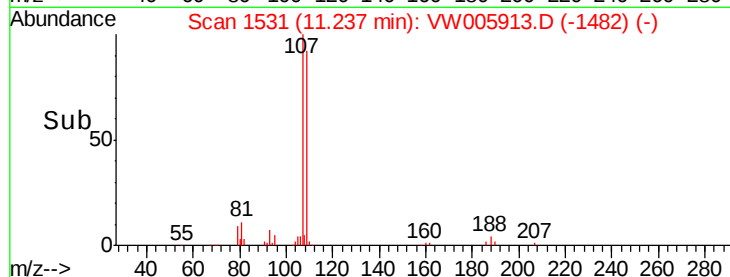
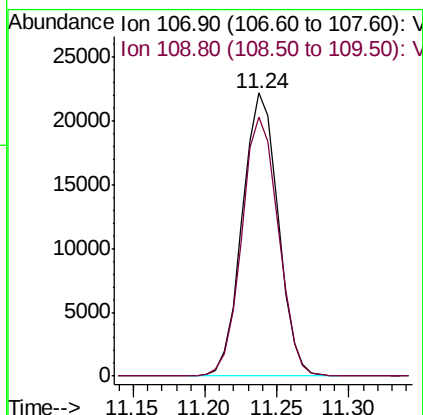
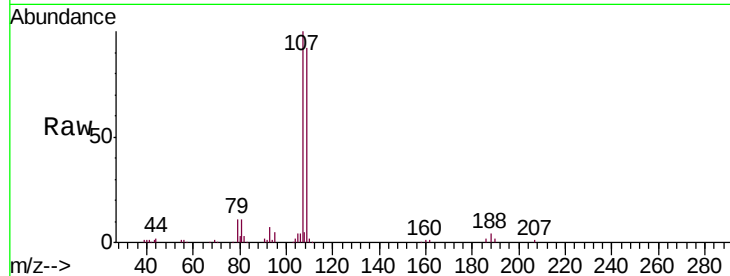




#61
 1,2-Dibromoethane
 Concen: 19.319 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

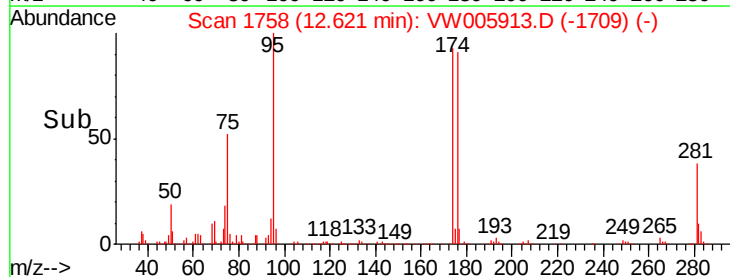
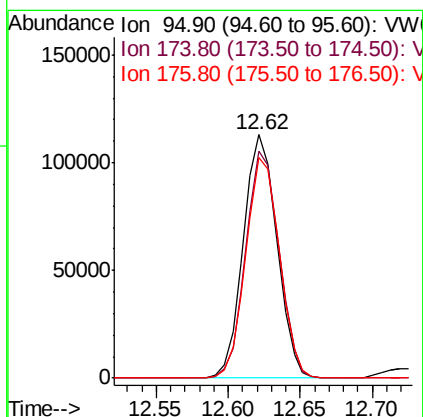
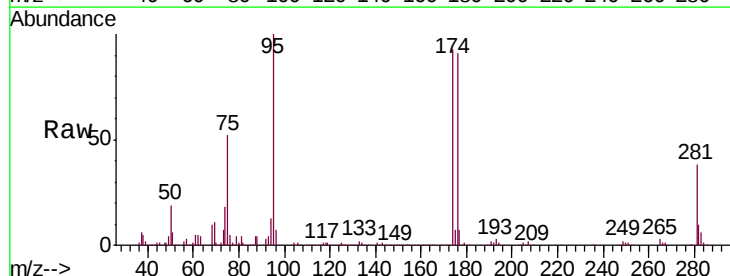
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Tgt Ion: 107 Resp: 38262
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.175 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 95 Resp: 182283
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 176.4
 176 90.5 0.0 173.0

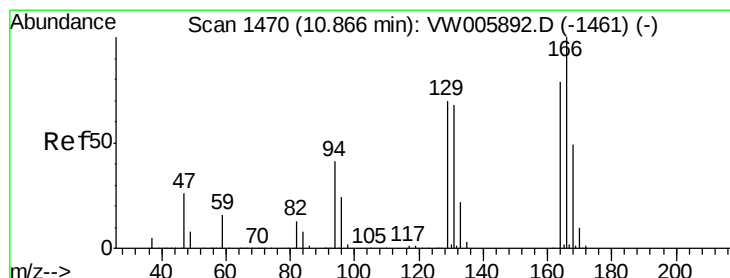
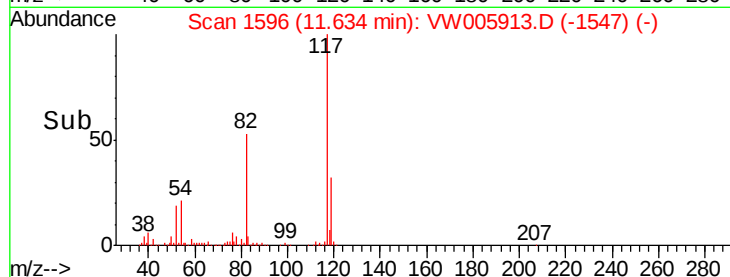
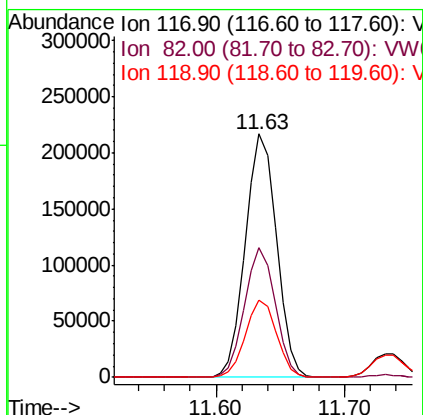
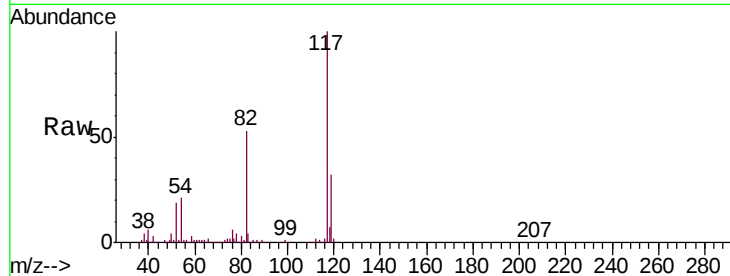




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

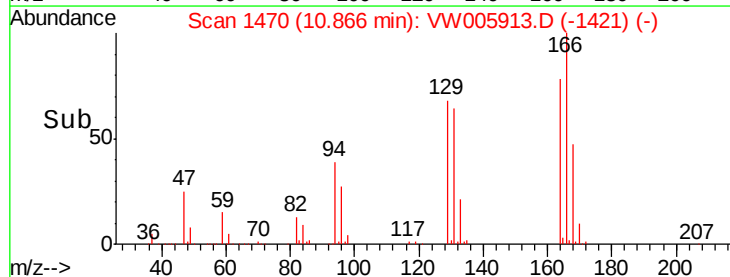
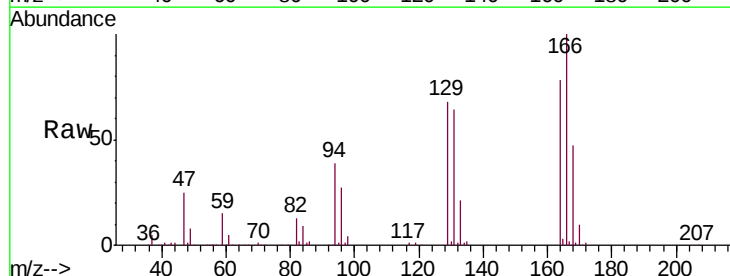
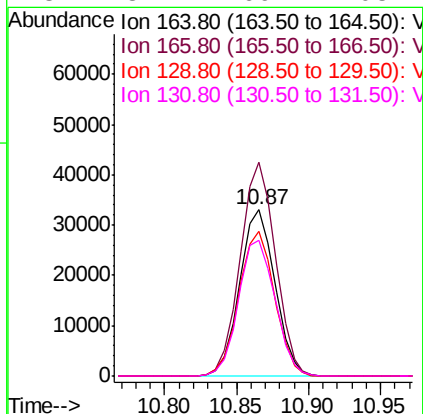
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion:117 Resp: 361840
Ion Ratio Lower Upper
117 100
82 53.2 43.5 65.3
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 20.768 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion:164 Resp: 55978
Ion Ratio Lower Upper
164 100
166 128.8 101.5 152.3
129 87.4 71.1 106.7
131 82.1 69.1 103.7





#65

Chlorobenzene

Concen: 19.437 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

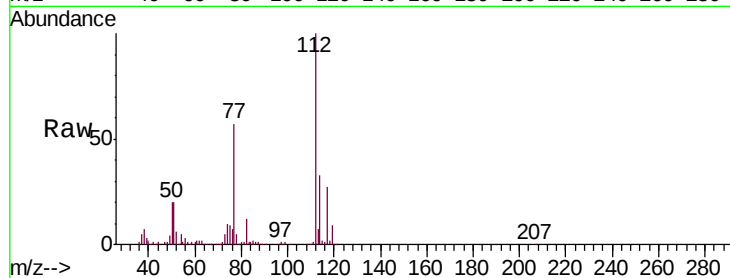
VW1008SBSD02

Tgt Ion:112 Resp: 150648

Ion Ratio Lower Upper

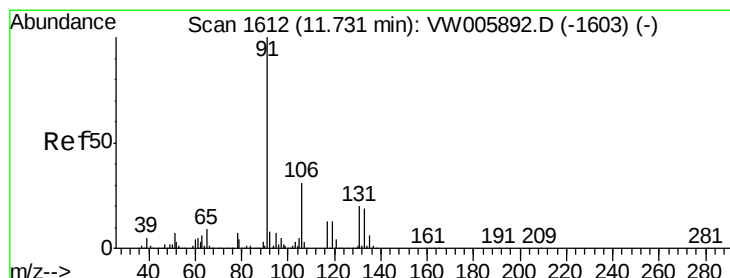
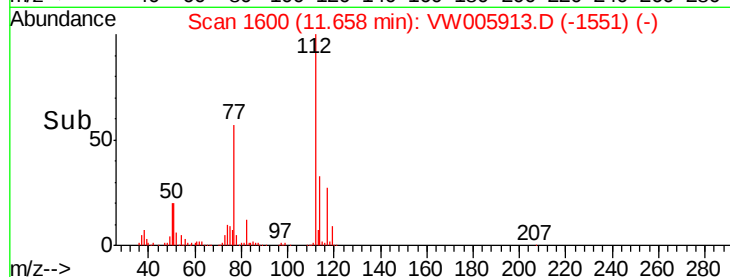
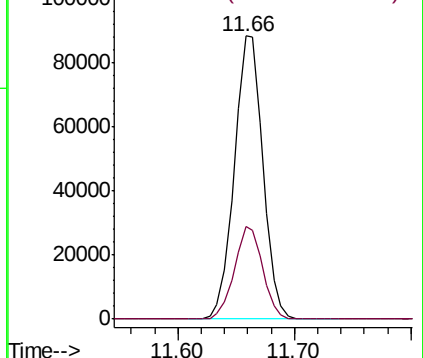
112 100

114 32.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.298 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

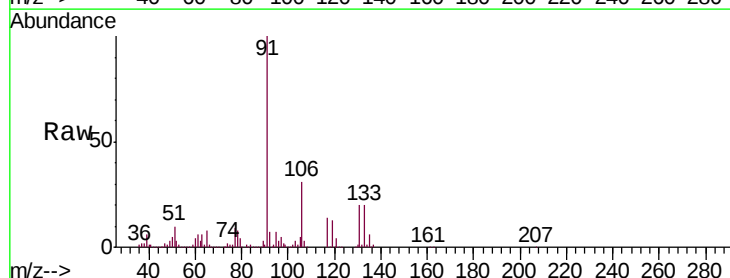
Tgt Ion:131 Resp: 54824

Ion Ratio Lower Upper

131 100

133 97.0 48.2 144.6

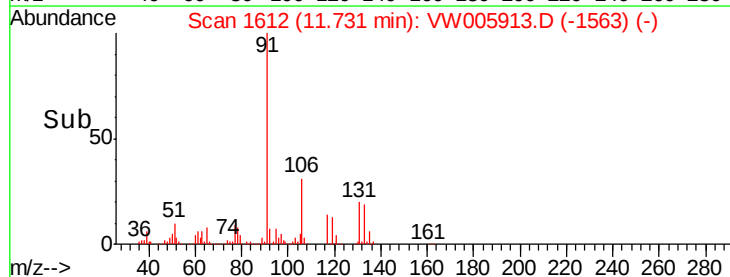
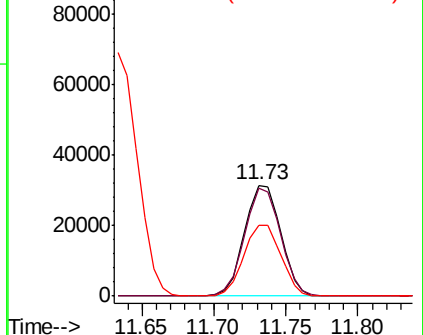
119 65.6 32.5 97.5

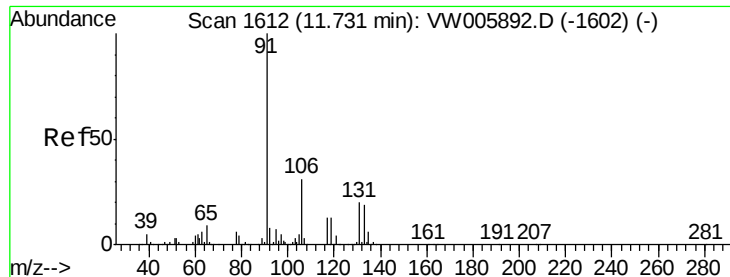


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

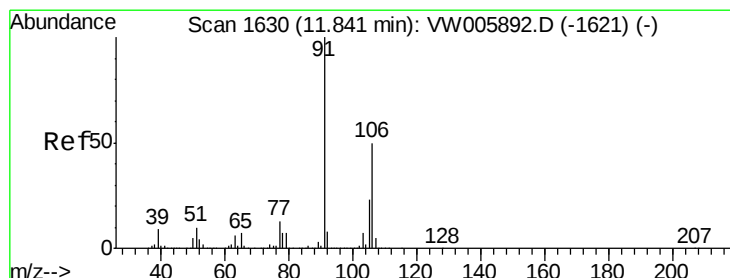
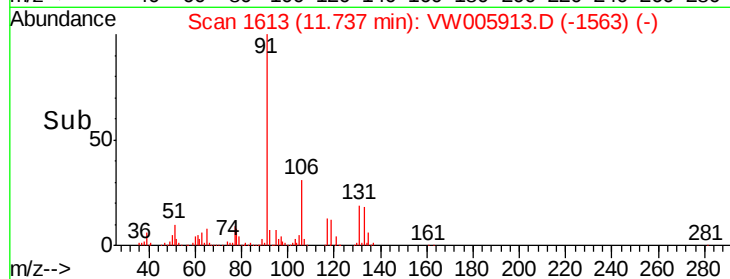
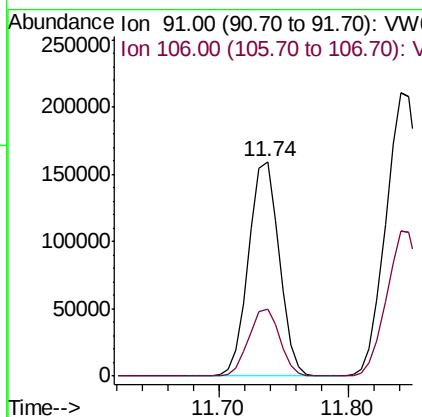
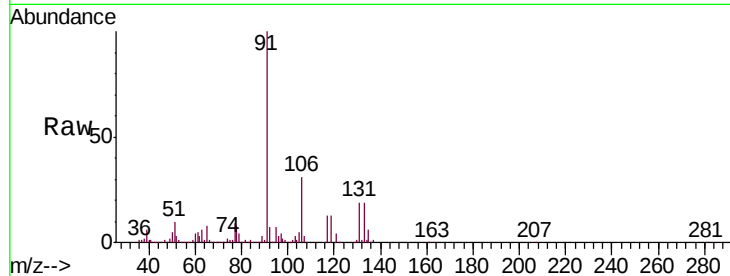




#67
Ethyl Benzene
Concen: 19.077 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

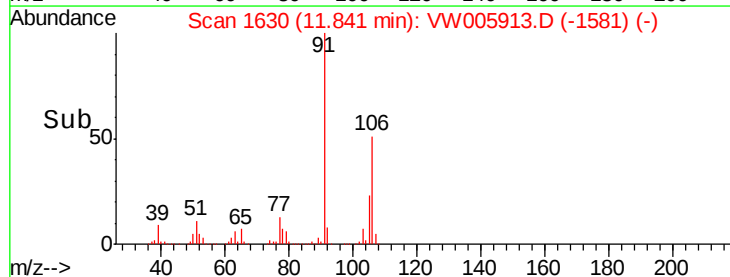
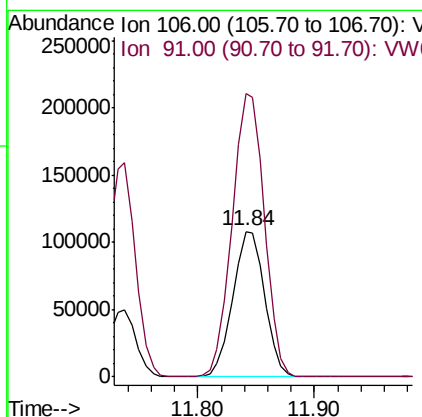
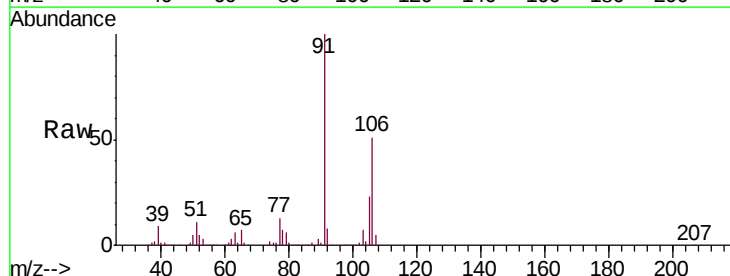
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

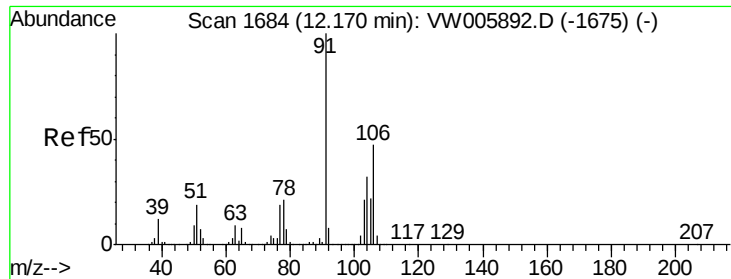
Tgt Ion: 91 Resp: 261169
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 38.454 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 106 Resp: 205729
Ion Ratio Lower Upper
106 100
91 197.2 160.2 240.2

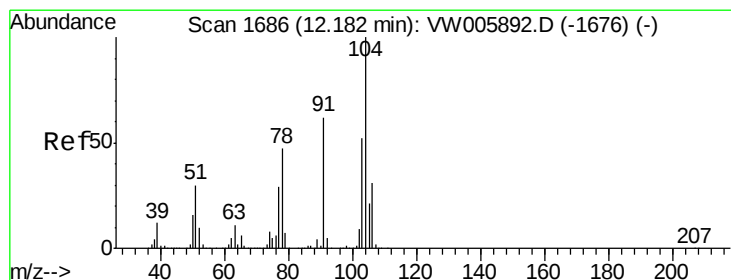
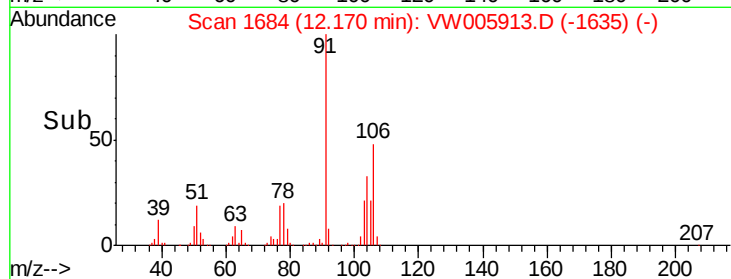
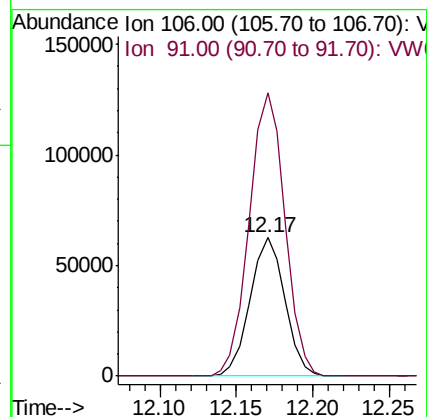
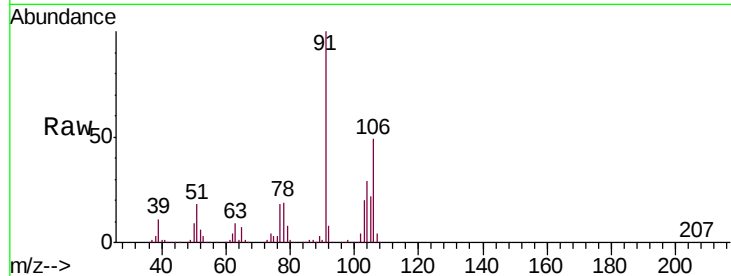




#69
o-Xylene
Concen: 19.412 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

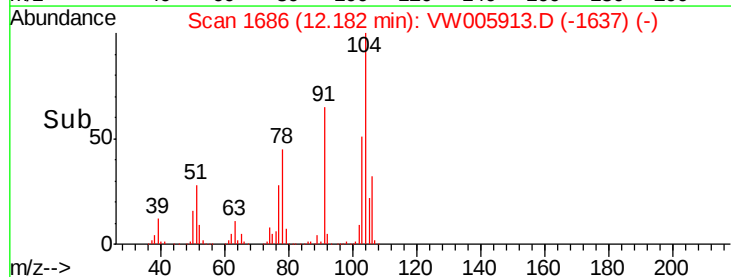
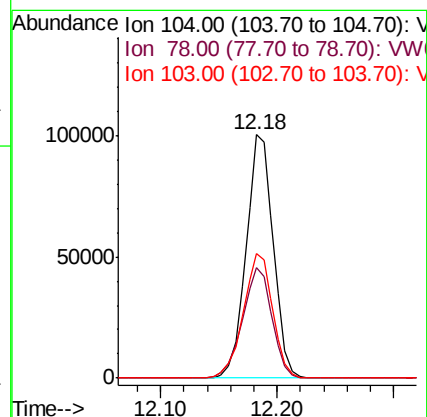
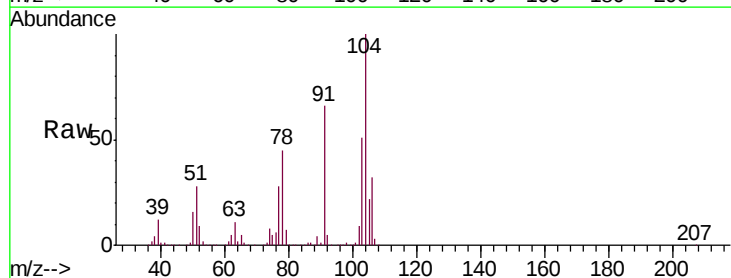
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion:106 Resp: 99426
Ion Ratio Lower Upper
106 100
91 208.9 106.2 318.5



#70
Styrene
Concen: 19.152 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion:104 Resp: 162755
Ion Ratio Lower Upper
104 100
78 49.5 40.4 60.6
103 55.1 44.2 66.2





#71

Bromoform

Concen: 18.278 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

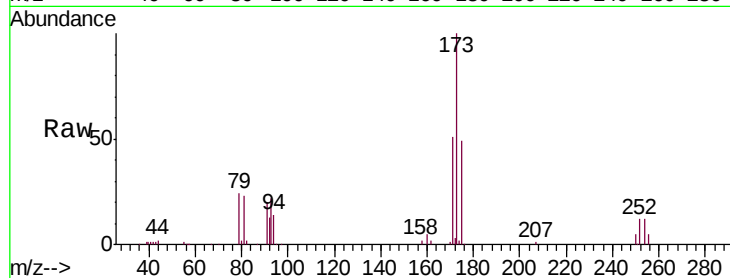
Tgt Ion:173 Resp: 30931

Ion Ratio Lower Upper

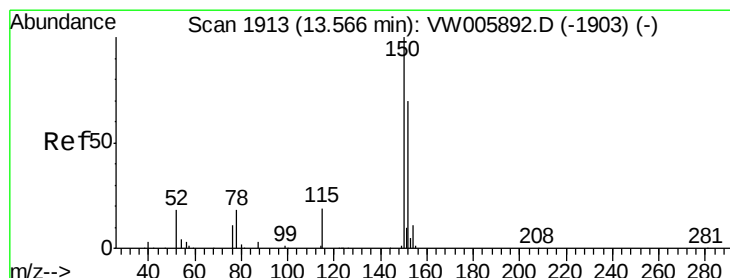
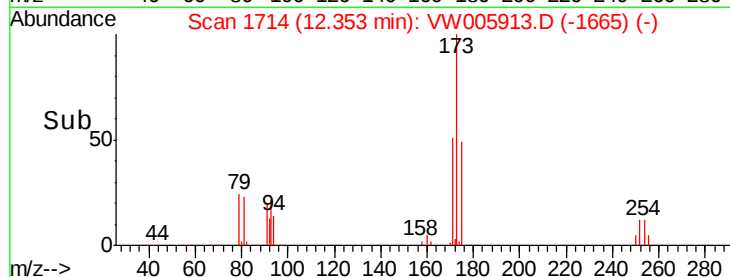
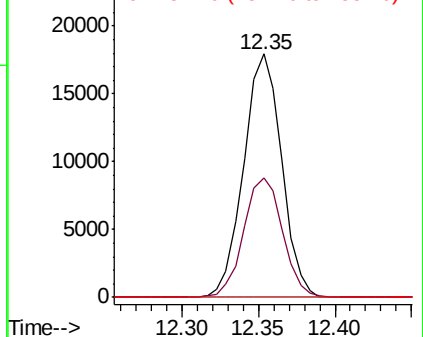
173 100

175 50.2 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: VW005913.D

Acq: 09 Oct 2018 01:02

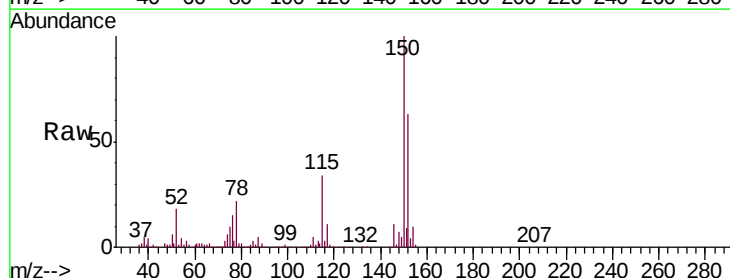
Tgt Ion:152 Resp: 198079

Ion Ratio Lower Upper

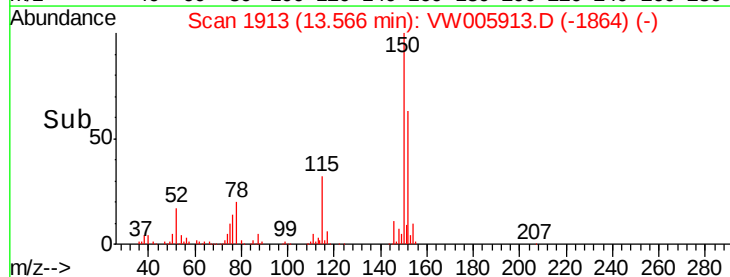
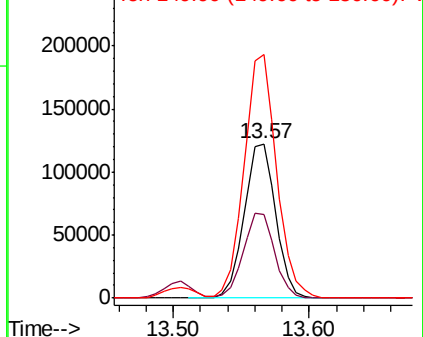
152 100

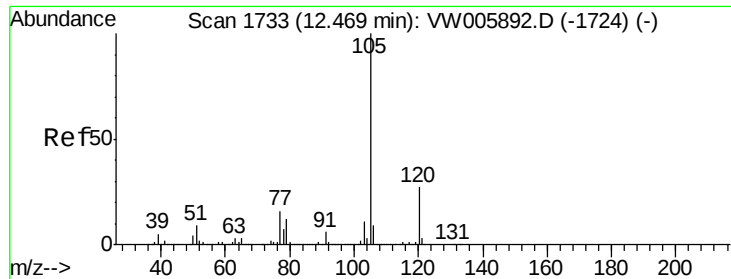
115 54.7 28.3 85.0

150 162.2 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: 18.787 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

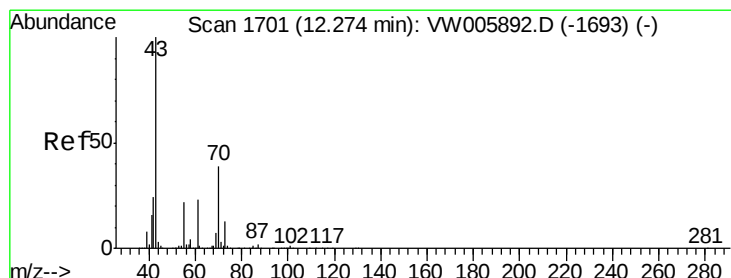
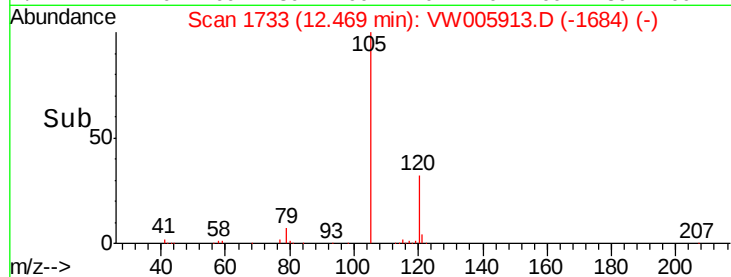
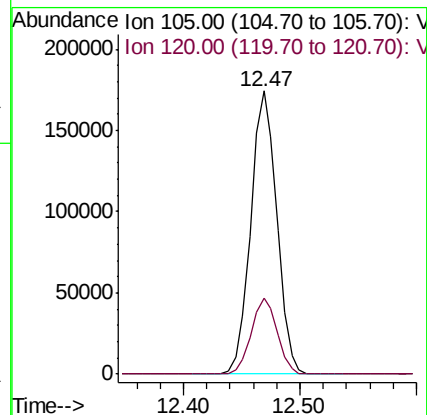
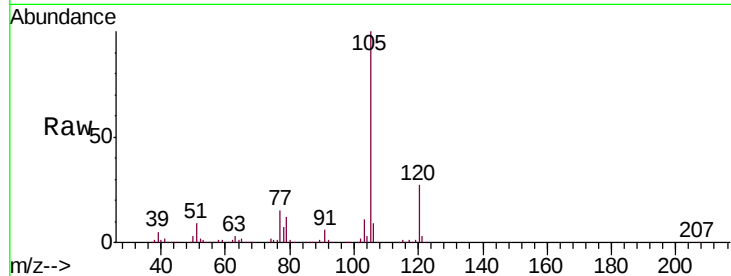
VW1008SBSD02

Tgt Ion:105 Resp: 271779

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



#74

N-ethyl acetate

Concen: 17.520 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion: 43 Resp: 60190

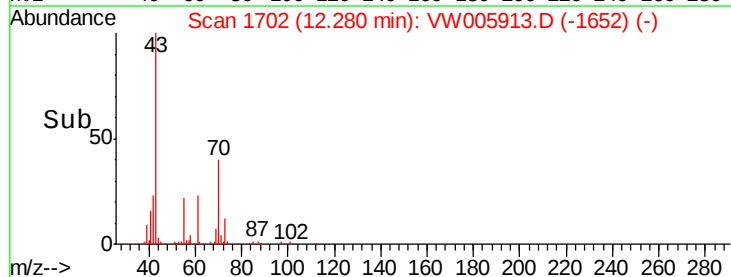
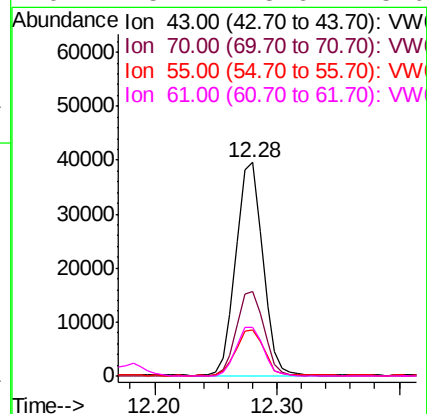
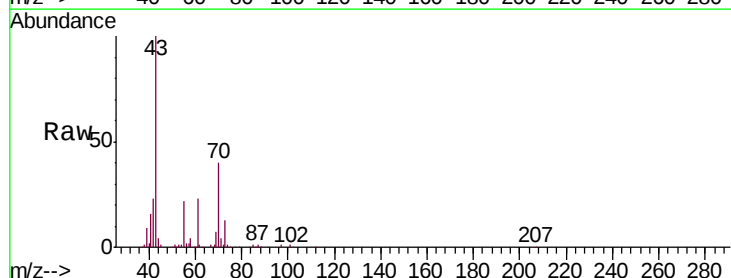
Ion Ratio Lower Upper

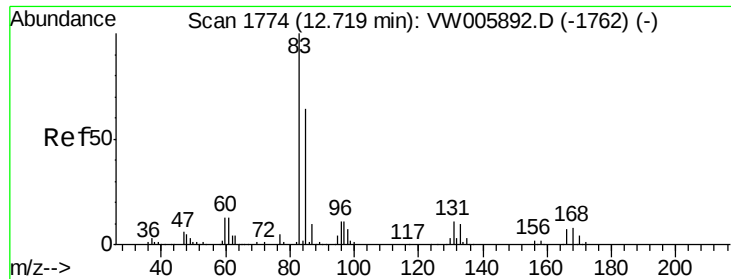
43 100

70 40.8 31.6 47.4

55 22.7 17.9 26.9

61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.791 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

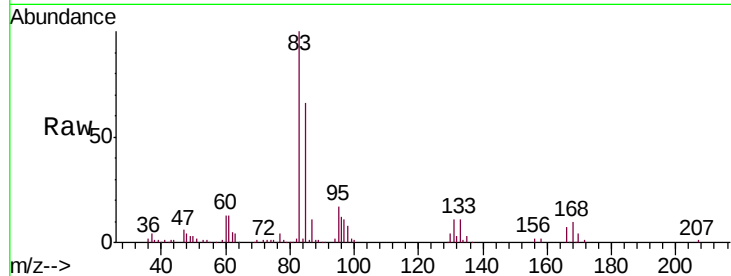
Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

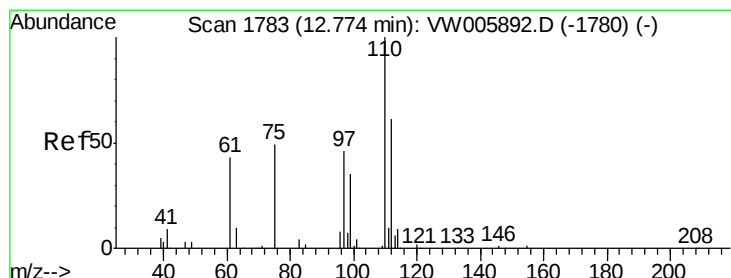
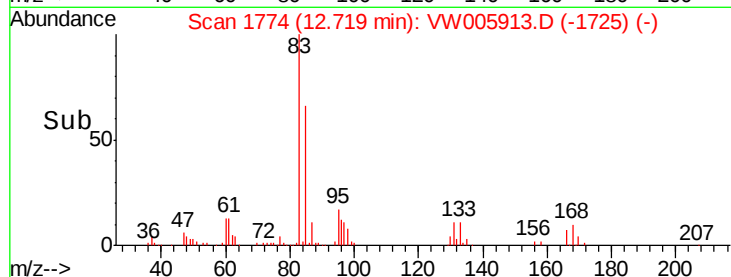
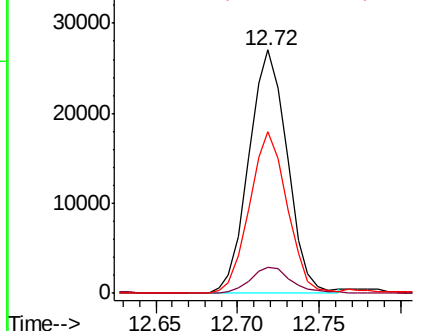
Tgt Ion:	83	Resp:	44555
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.8	17.3
85	65.0	32.4	97.0



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: 33.060 ug/l

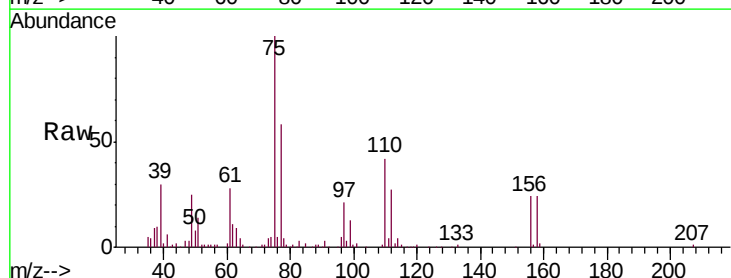
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005913.D

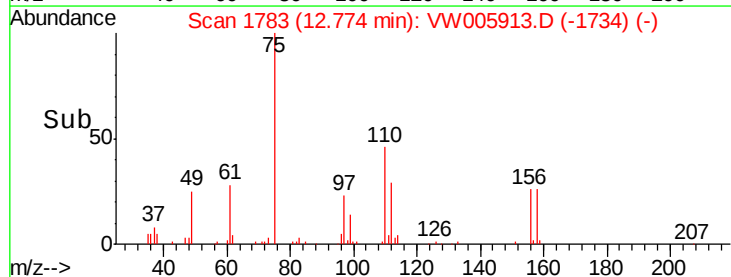
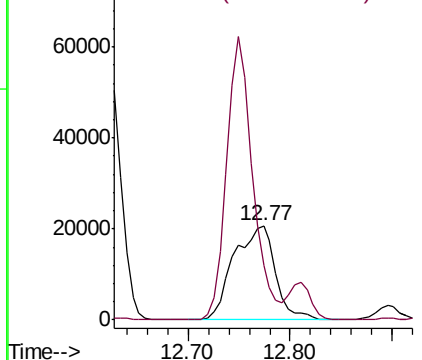
Acq: 09 Oct 2018 01:02

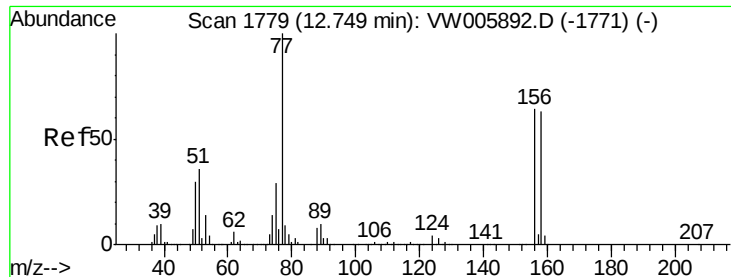
Tgt Ion:	75	Resp:	58496
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.857 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

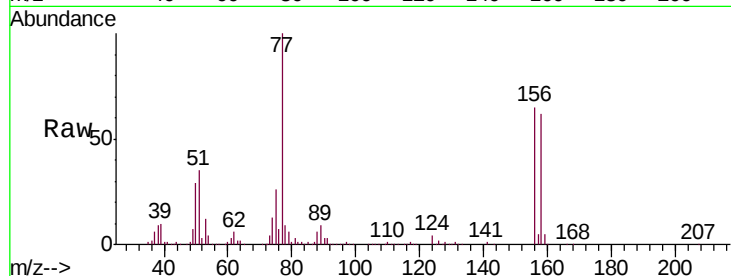
Tgt Ion:156 Resp: 68056

Ion Ratio Lower Upper

156 100

77 162.5 85.8 257.4

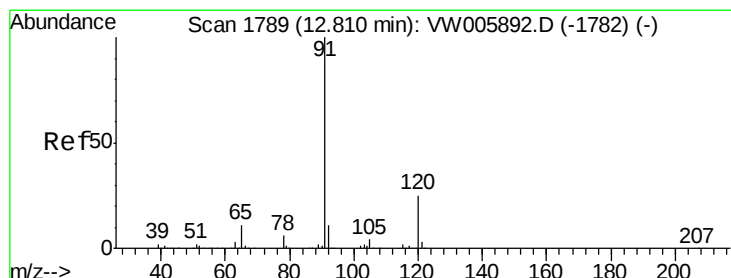
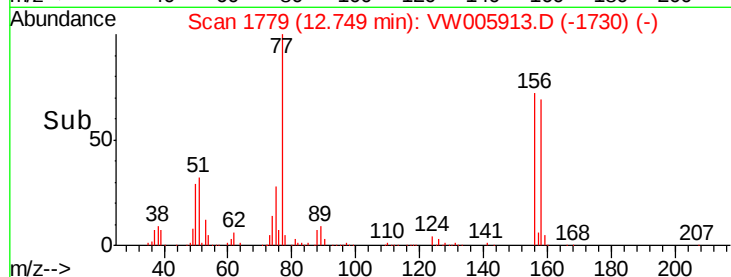
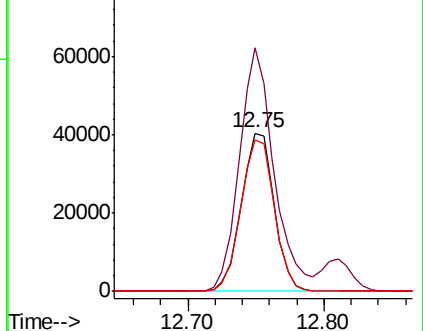
158 97.3 49.1 147.4



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: 18.589 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005913.D

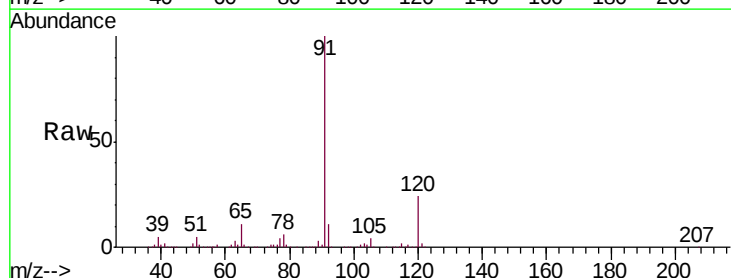
Acq: 09 Oct 2018 01:02

Tgt Ion: 91 Resp: 316336

Ion Ratio Lower Upper

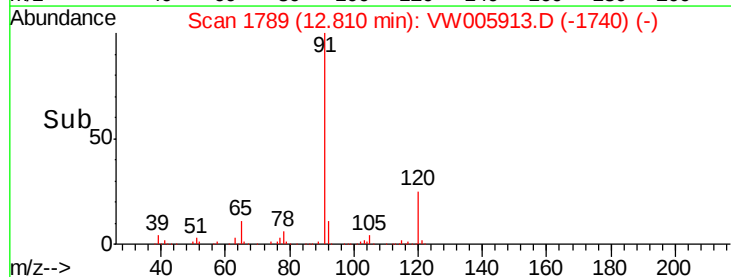
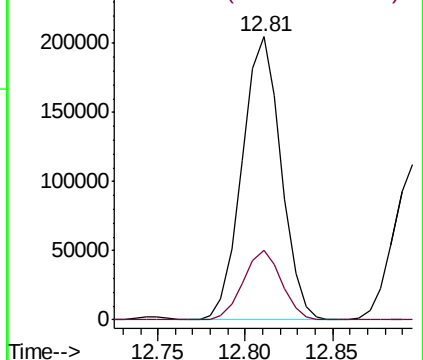
91 100

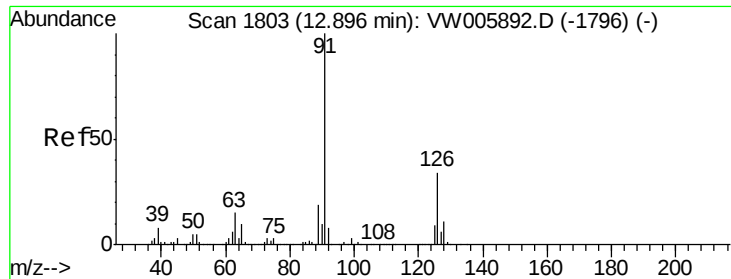
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

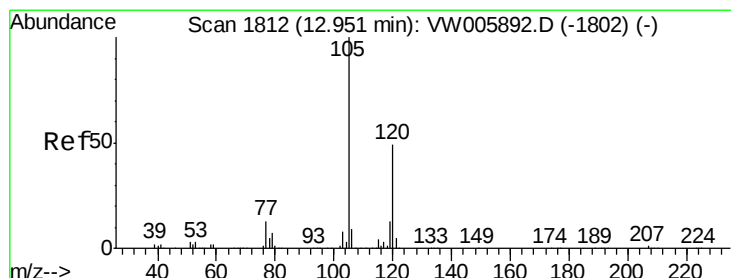
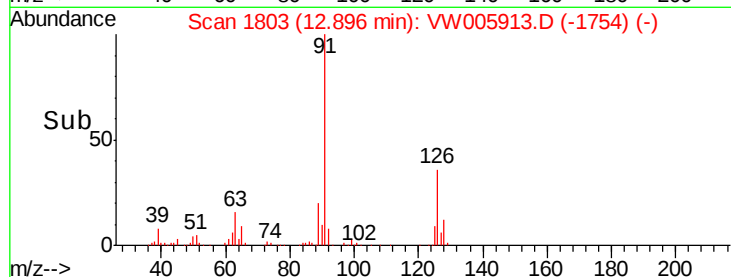
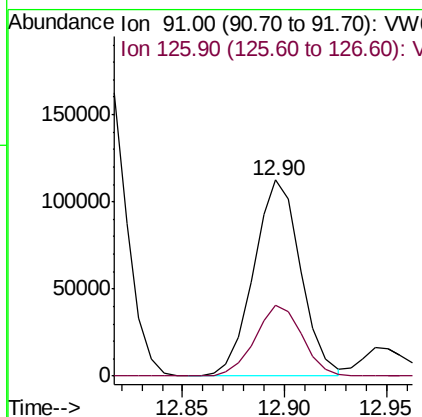
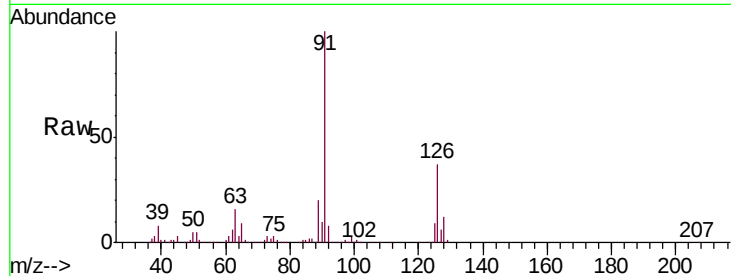




#79
 2-Chlorotoluene
 Concen: 18.756 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

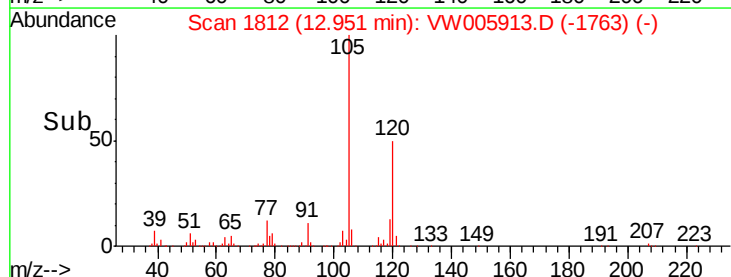
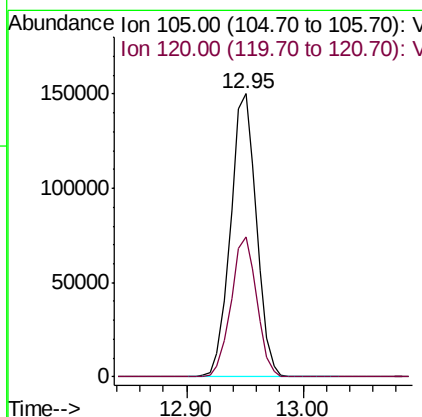
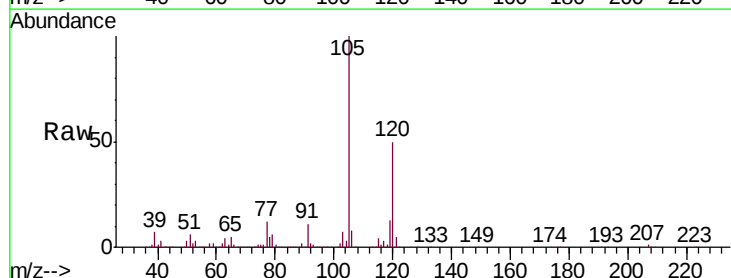
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

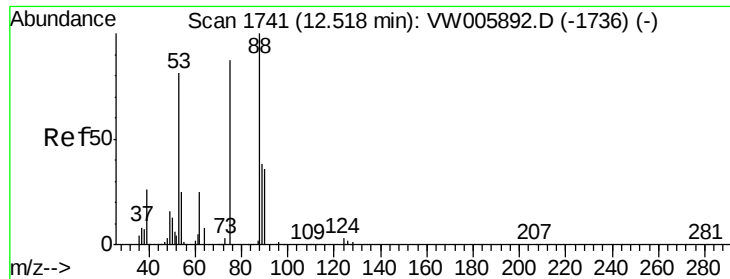
Tgt Ion: 91 Resp: 180177
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.980 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 105 Resp: 231805
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.585 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

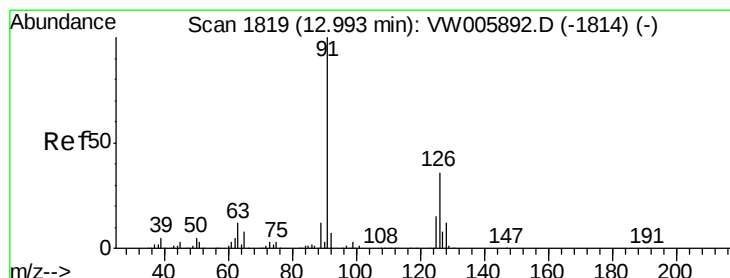
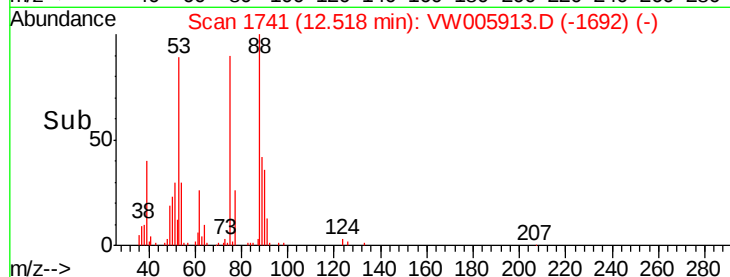
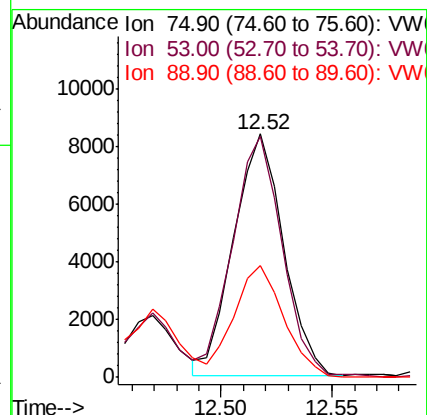
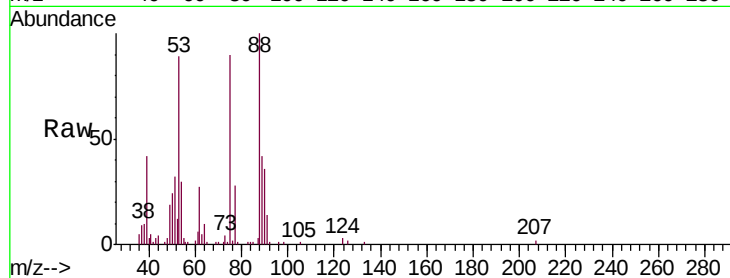
Tgt Ion: 75 Resp: 13062

Ion Ratio Lower Upper

75 100

53 100.5 76.5 114.7

89 46.0 37.6 56.4



#82

4-Chlorotoluene

Concen: 18.839 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005913.D

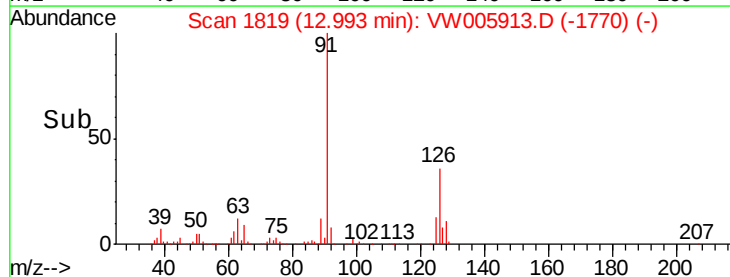
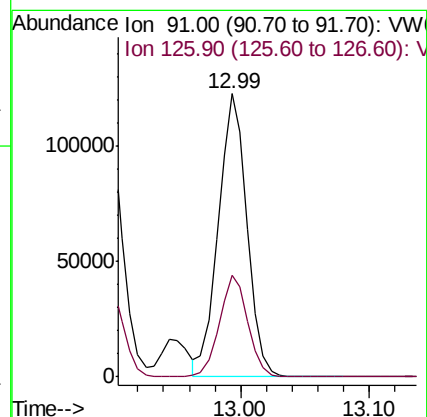
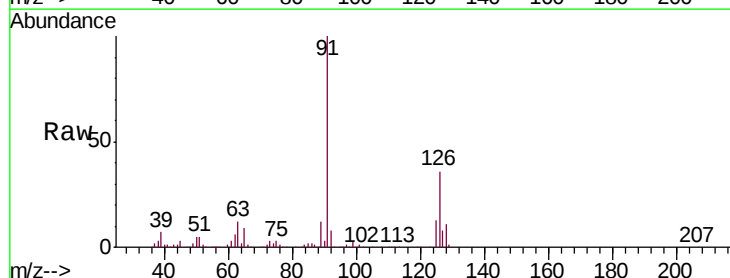
Acq: 09 Oct 2018 01:02

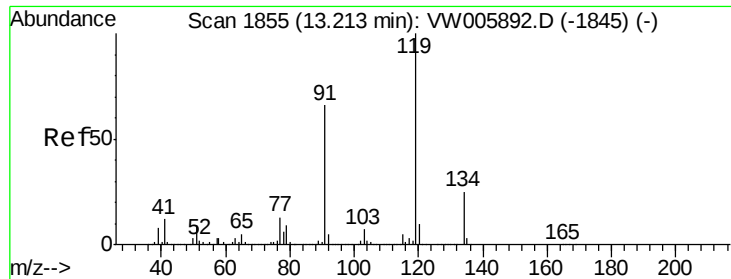
Tgt Ion: 91 Resp: 190398

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.2

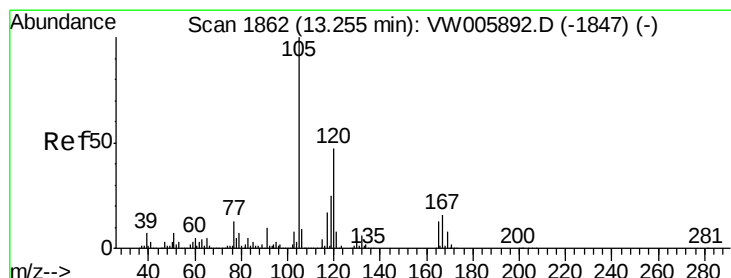
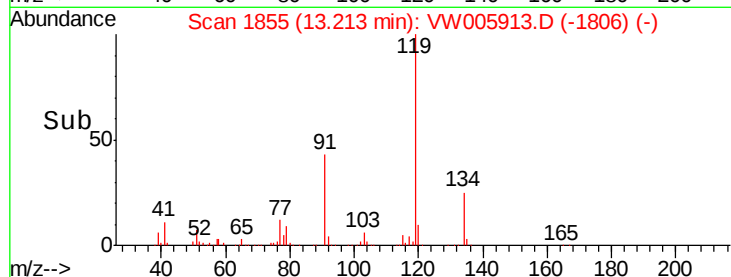
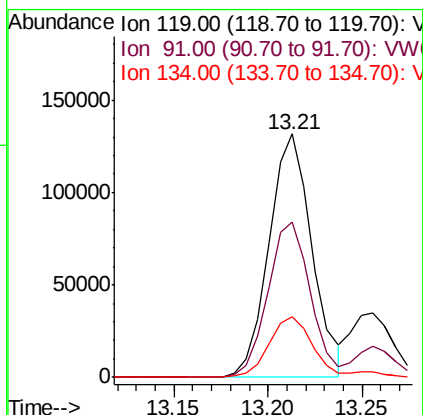
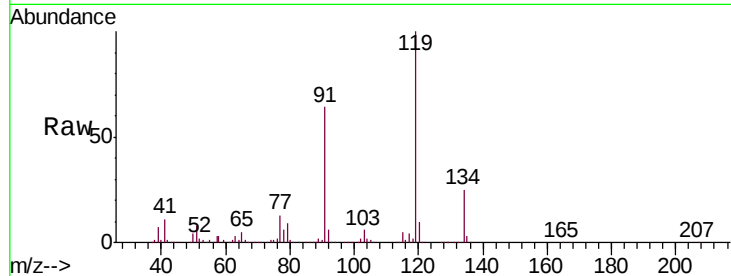




#83
 tert-Butylbenzene
 Concen: 19.138 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

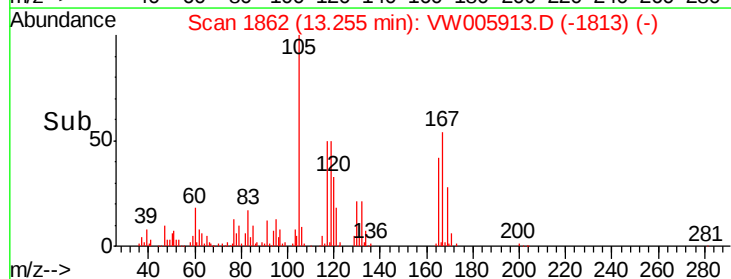
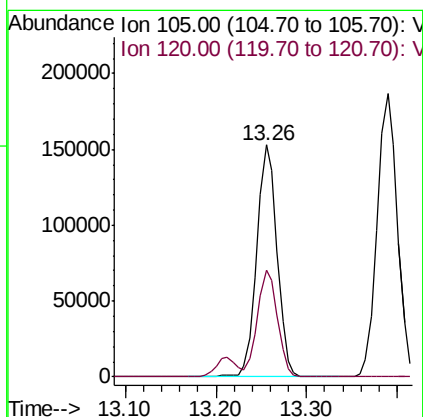
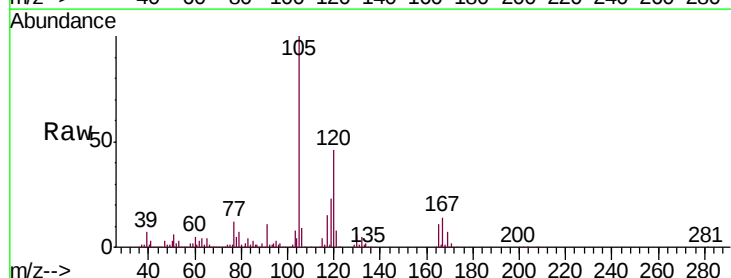
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

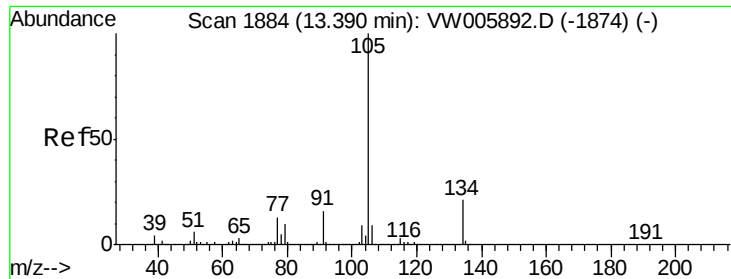
Tgt Ion:119 Resp: 207887
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.4 97.0
 134 25.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.196 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion:105 Resp: 236488
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 18.860 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

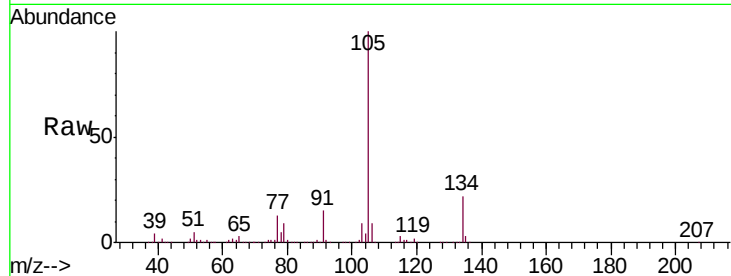
VW1008SBSD02

Tgt Ion:105 Resp: 287566

Ion Ratio Lower Upper

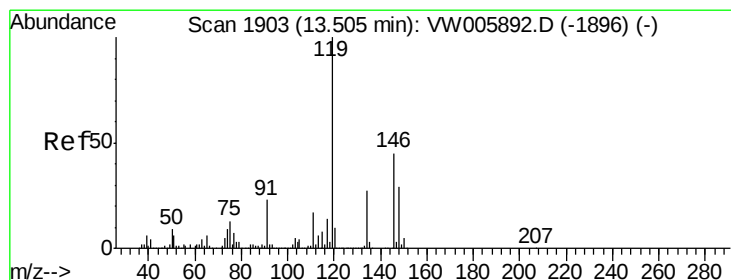
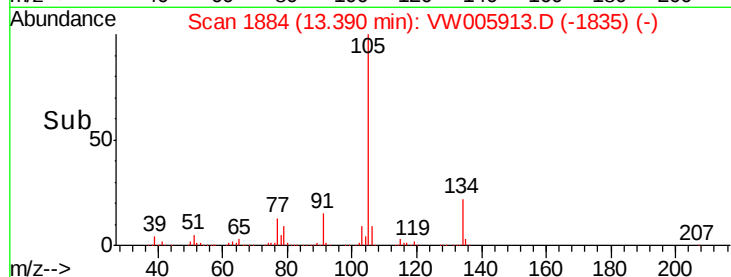
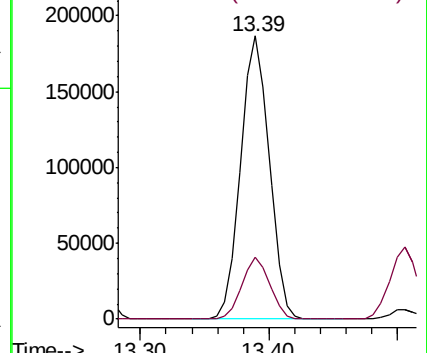
105 100

134 21.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.008 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

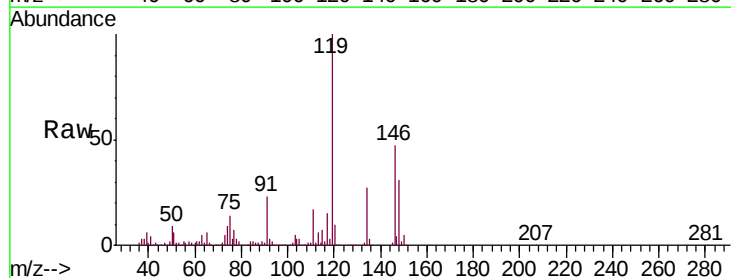
Tgt Ion:119 Resp: 260631

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

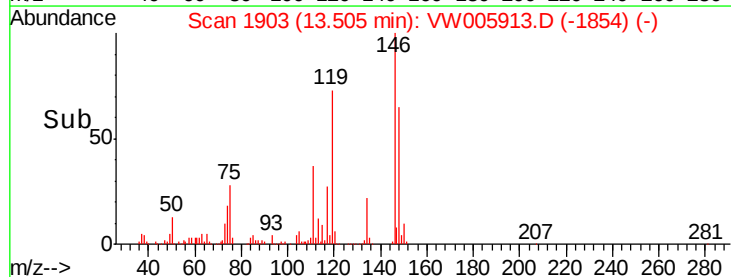
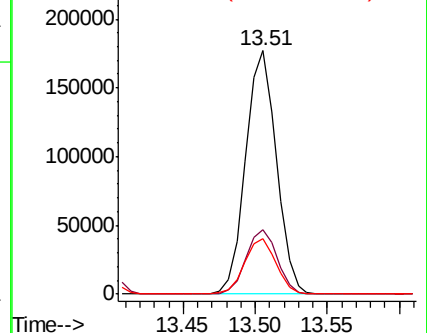
91 23.1 11.9 35.5

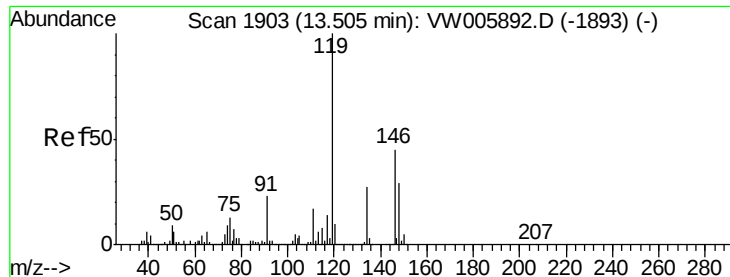


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.400 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

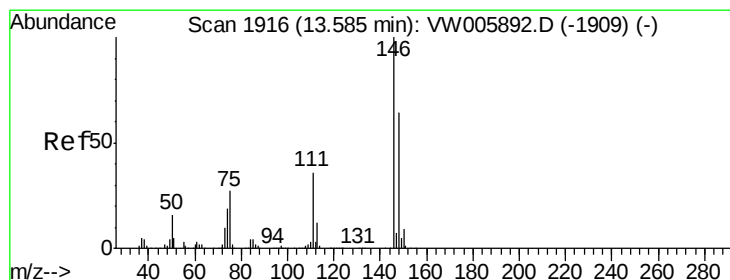
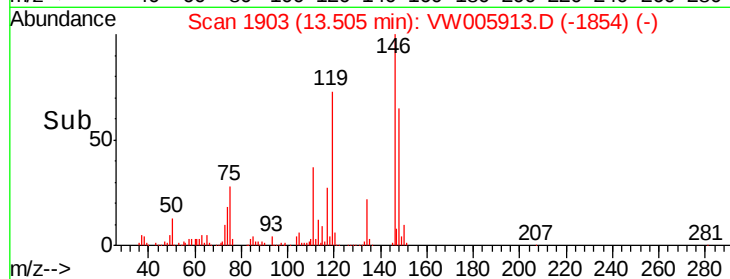
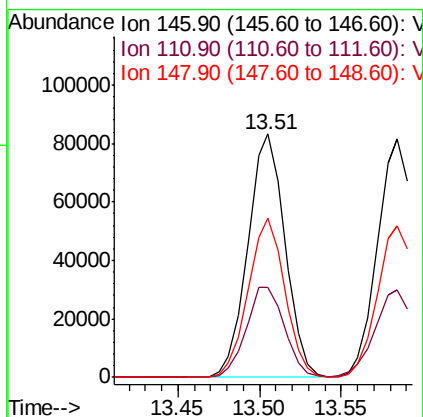
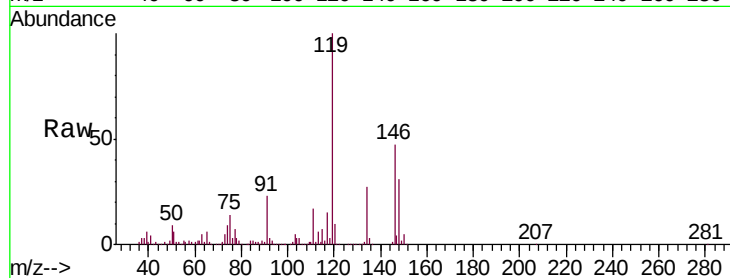
Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion:146 Resp: 132093

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.6	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 19.392 ug/l

RT: 13.58 min Scan# 1916

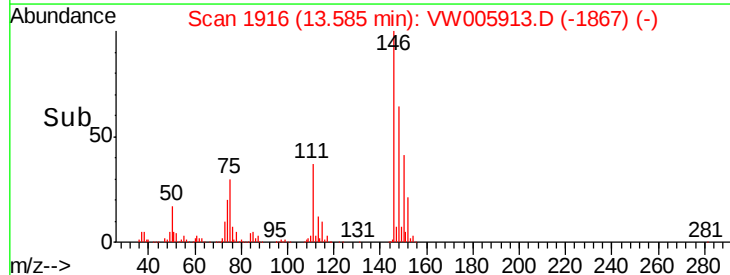
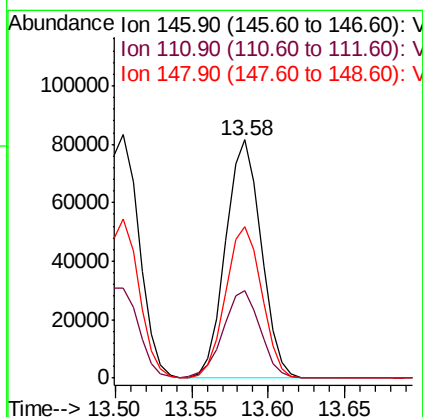
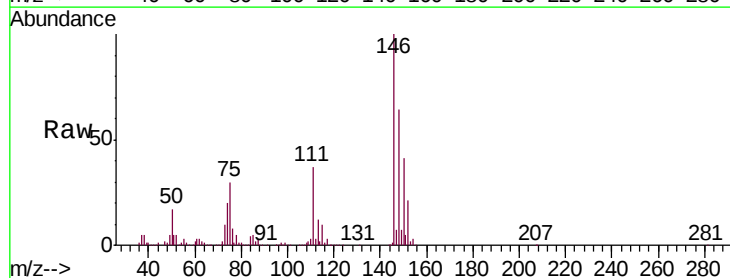
Delta R.T. -0.00 min

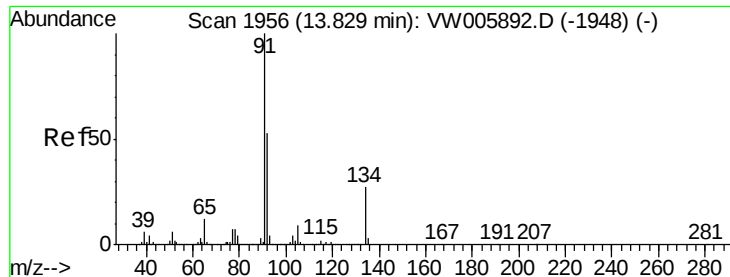
Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:146 Resp: 131211

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.9	32.0	96.2





#89

n-Butylbenzene

Concen: 18.420 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

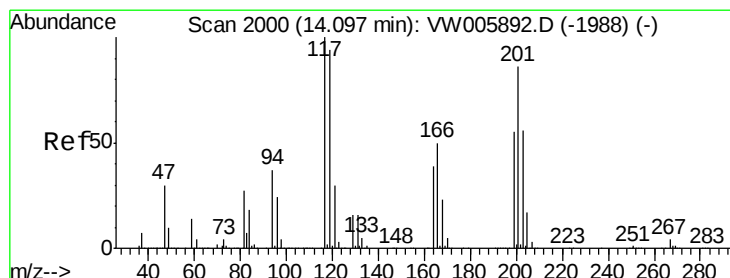
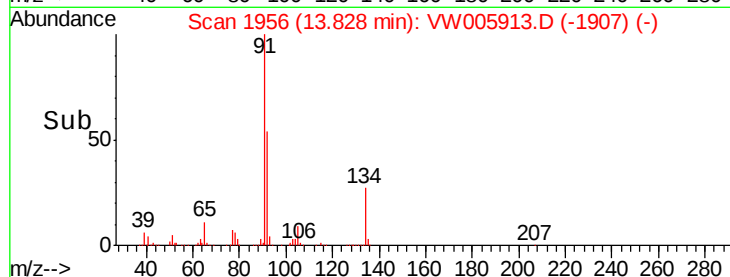
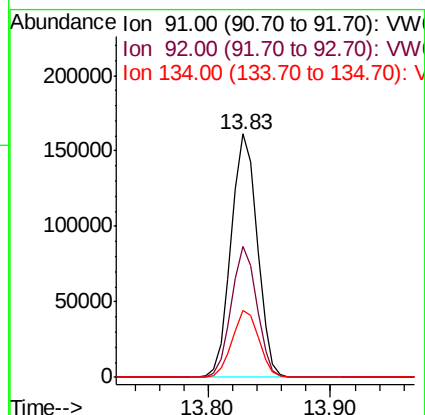
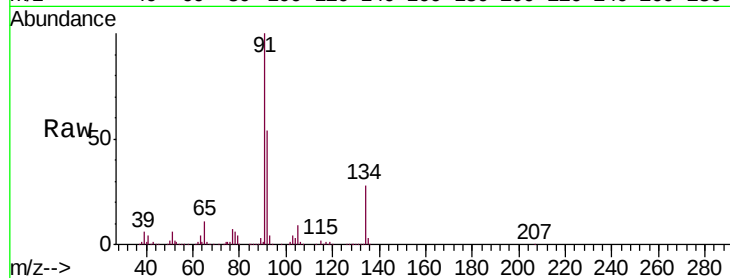
Tgt Ion: 91 Resp: 238078

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.8

134 27.9 13.8 41.4



#90

Hexachloroethane

Concen: 18.232 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW005913.D

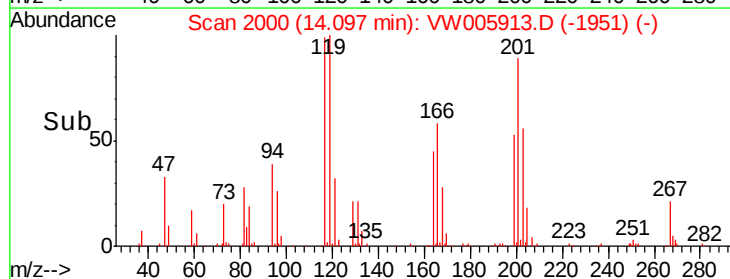
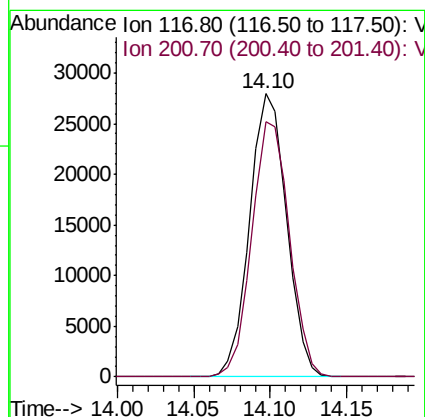
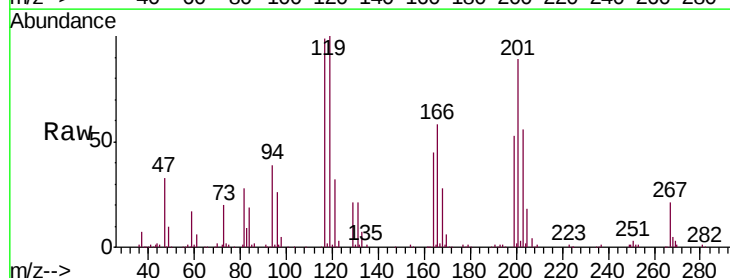
Acq: 09 Oct 2018 01:02

Tgt Ion: 117 Resp: 47019

Ion Ratio Lower Upper

117 100

201 91.9 44.5 133.5

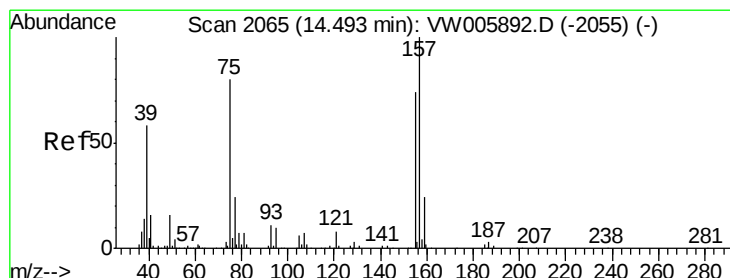
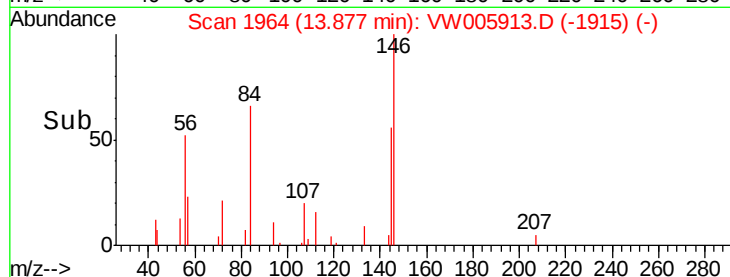
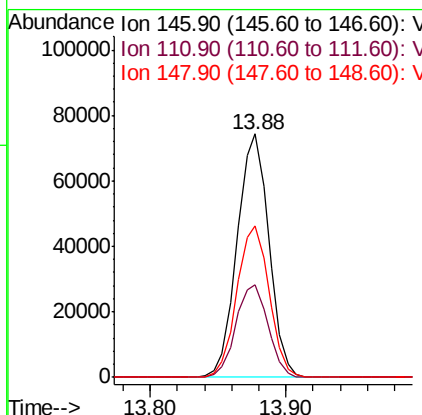
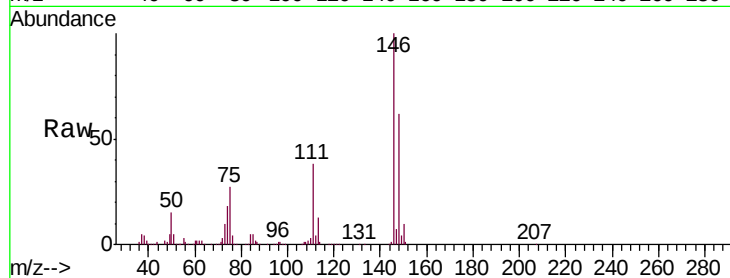




#91
 1,2-Dichlorobenzene
 Concen: 19.986 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

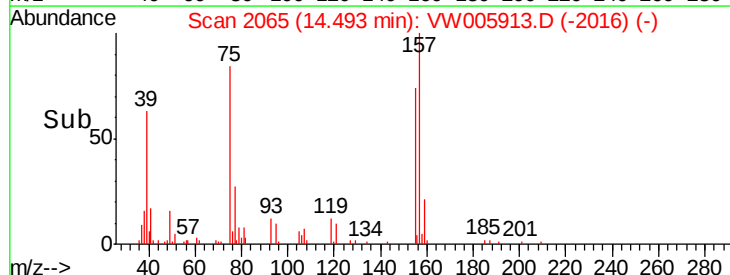
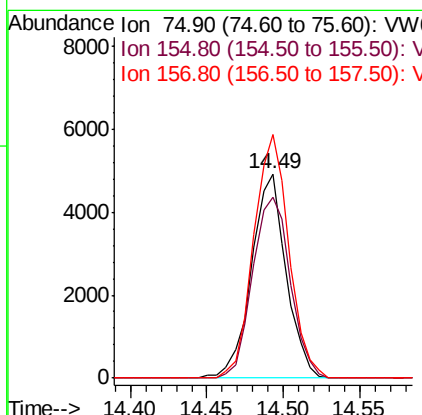
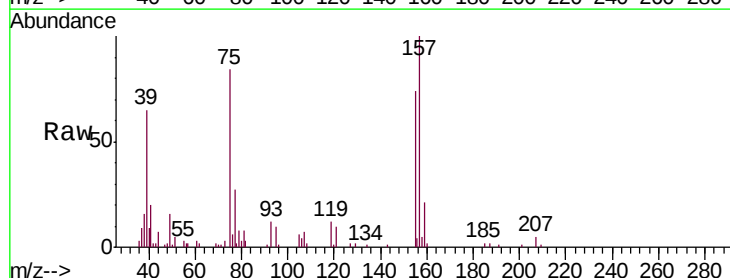
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

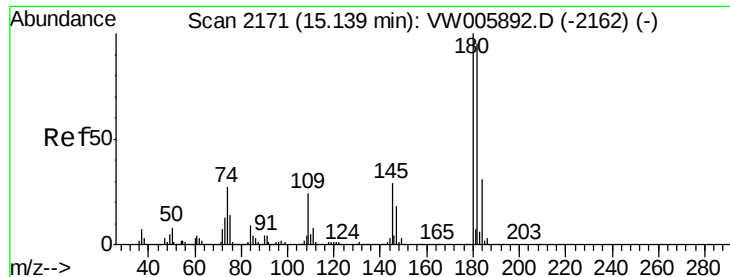
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.3	61.0
148	63.4	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.602 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	44.8	134.3
157	120.5	58.9	176.6

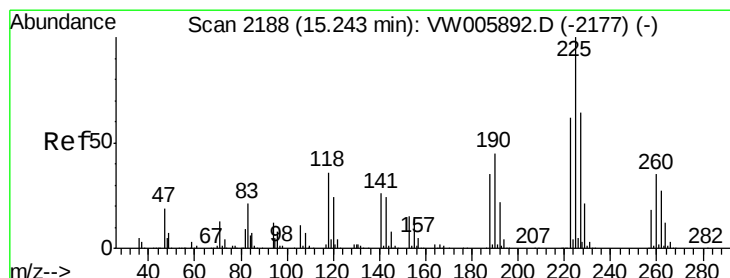
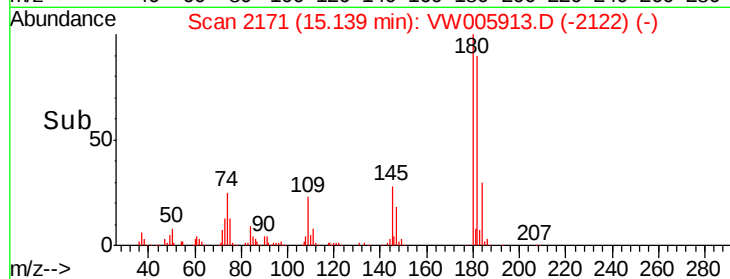
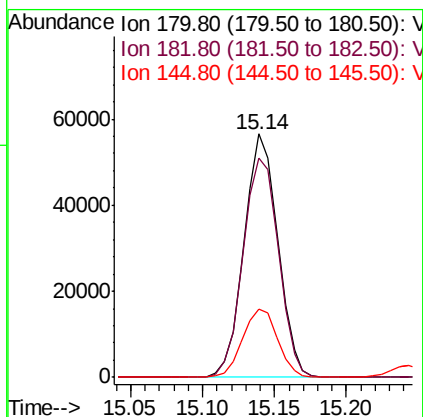
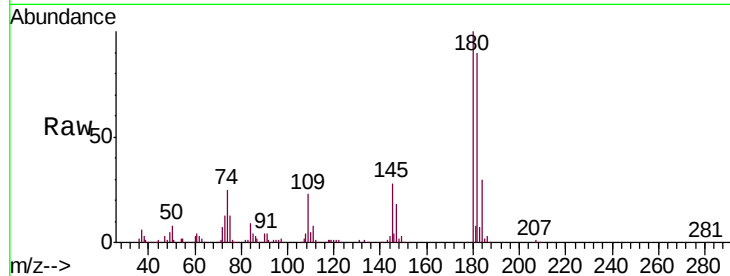




#93
 1,2,4-Trichlorobenzene
 Concen: 19.546 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

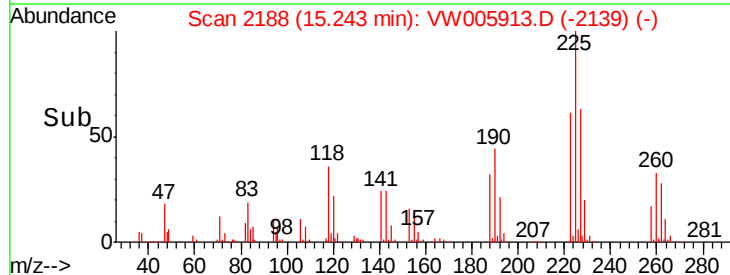
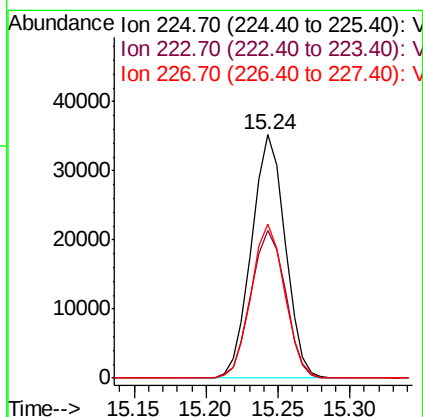
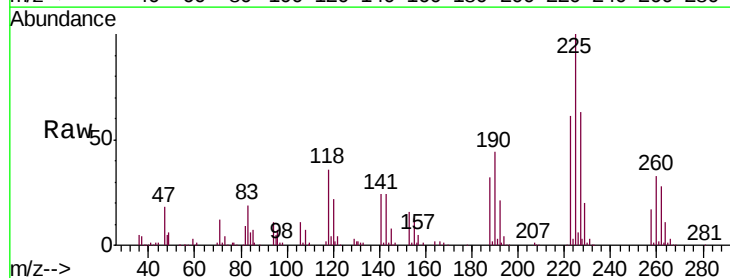
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

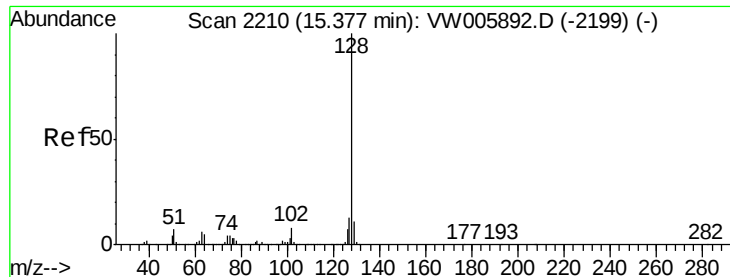
Tgt Ion:180 Resp: 91617
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.3
 145 29.0 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 19.475 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion:225 Resp: 56979
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 62.9 31.9 95.9

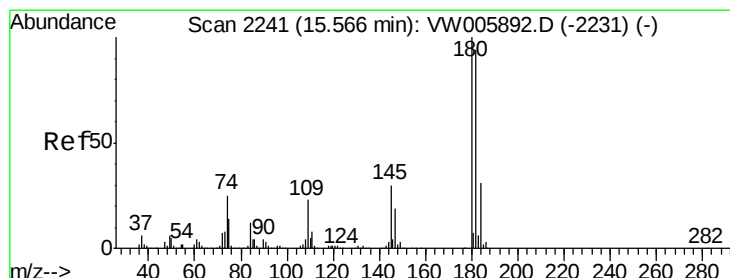
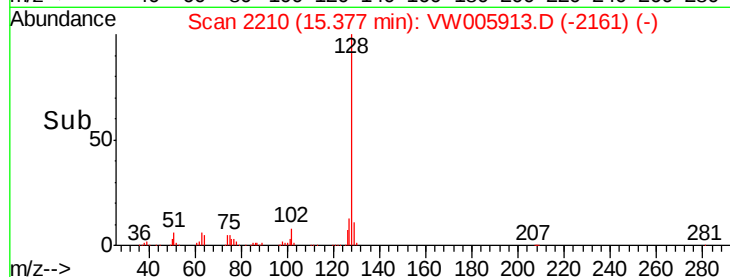
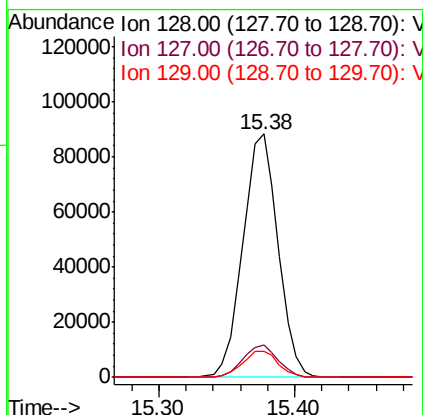
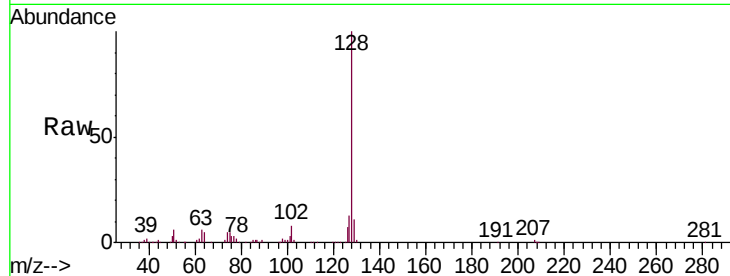




#95
Naphthalene
Concen: 19.702 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion:128 Resp: 159182
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.969 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion:180 Resp: 81044
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.8
145 30.1 15.3 45.9

