

Data File : VW005908.D
Acq On : 08 Oct 2018 21:10
Operator : SY/AP
Sample : VSTDCCC050EC
Misc : 6.68G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 09 06:12:32 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	274616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	404094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129477	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	127909	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.33	98	494358	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.62	95	186273	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60405	44.886	ug/l	100
3) Chloromethane	2.21	50	73561	46.471	ug/l	97
4) Vinyl Chloride	2.37	62	128922	51.301	ug/l	99
5) Bromomethane	2.79	94	108445	54.678	ug/l	99
6) Chloroethane	2.93	64	85176	53.198	ug/l	98
7) Trichlorofluoromethane	3.26	101	101533	50.898	ug/l	96
8) Diethyl Ether	3.68	74	65443	53.306	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122899	48.819	ug/l	99
10) Methyl Iodide	4.27	142	213977	51.973	ug/l	99
11) Tert butyl alcohol	5.22	59	43701	223.673	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	118090	48.849	ug/l	97
13) Acrolein	3.90	56	37455	215.122	ug/l	98
14) Allyl chloride	4.67	41	187613	45.509	ug/l	98
15) Acrylonitrile	5.38	53	130760	244.738	ug/l	99
16) Acetone	4.14	43	107078	201.087	ug/l	100
17) Carbon Disulfide	4.38	76	360425	49.315	ug/l	100
18) Methyl Acetate	4.67	43	67917	50.543	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	191289	50.861	ug/l	96
20) Methylene Chloride	4.91	84	126117	47.272	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	133018	50.484	ug/l	98
22) Diisopropyl ether	6.32	45	371347	48.185	ug/l	96
23) Vinyl Acetate	6.26	43	1122824	236.716	ug/l	99
24) 1,1-Dichloroethane	6.22	63	230168	48.804	ug/l	99
25) 2-Butanone	7.18	43	170297	224.850	ug/l	98
26) 2,2-Dichloropropane	7.17	77	149190	44.949	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	149549	50.188	ug/l	97
28) Bromochloromethane	7.51	49	82692	47.502	ug/l	96
29) Tetrahydrofuran	7.54	42	112044	234.022	ug/l	98
30) Chloroform	7.68	83	242062	49.969	ug/l	100
31) Cyclohexane	7.96	56	207385	44.435	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	212169	49.181	ug/l	99
36) 1,1-Dichloropropene	8.09	75	188859	48.776	ug/l	99
37) Ethyl Acetate	7.26	43	78871	48.101	ug/l	98
38) Carbon Tetrachloride	8.07	117	205400	49.375	ug/l	97

Data File : VW005908.D
Acq On : 08 Oct 2018 21:10
Operator : SY/AP
Sample : VSTDCCC050EC
Misc : 6.68G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 09 06:12:32 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)
39) Methylcyclohexane	9.34	83	247881	48.537	ug/l	98
40) Benzene	8.33	78	531555	50.159	ug/l	100
41) Methacrylonitrile	7.49	41	51705	50.367	ug/l	97
42) 1,2-Dichloroethane	8.40	62	157061	49.056	ug/l	100
43) Isopropyl Acetate	8.43	43	167518	48.908	ug/l	99
44) Trichloroethene	9.09	130	157430	51.200	ug/l	98
45) 1,2-Dichloropropane	9.37	63	130860	49.331	ug/l	99
46) Dibromomethane	9.46	93	73737	50.577	ug/l	99
47) Bromodichloromethane	9.65	83	181958	49.597	ug/l	97
48) Methyl methacrylate	9.44	41	79738	48.869	ug/l	98
49) 1,4-Dioxane	9.47	88	23603	1065.822	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	410372	246.037	ug/l	99
52) Toluene	10.39	92	348103	50.000	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	186030	48.521	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	208850	48.459	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	103015	51.014	ug/l	98
56) Ethyl methacrylate	10.65	69	135521	49.793	ug/l	98
57) 1,3-Dichloropropane	10.93	76	170659	50.236	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	261640	236.258	ug/l	99
59) 2-Hexanone	10.97	43	284239	237.671	ug/l	98
60) Dibromochloromethane	11.13	129	132577	50.877	ug/l	100
61) 1,2-Dibromoethane	11.24	107	103591	51.337	ug/l	99
64) Tetrachloroethene	10.87	164	143552	52.130	ug/l	99
65) Chlorobenzene	11.66	112	396154	50.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	147781	50.916	ug/l	100
67) Ethyl Benzene	11.74	91	696489	49.797	ug/l	98
68) m/p-Xylenes	11.84	106	546365	99.959	ug/l	100
69) o-Xylene	12.17	106	264911	50.625	ug/l	99
70) Styrene	12.18	104	437345	50.373	ug/l	99
71) Bromoform	12.35	173	88209	51.020	ug/l #	99
73) Isopropylbenzene	12.47	105	729353	47.933	ug/l	100
74) N-amyl acetate	12.28	43	168978	46.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	121373	48.666	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	163067	87.618	ug/l #	100
77) Bromobenzene	12.75	156	180514	50.074	ug/l	97
78) n-propylbenzene	12.81	91	854892	47.762	ug/l	100
79) 2-Chlorotoluene	12.90	91	485108	48.011	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	619076	48.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	39522	44.831	ug/l	99
82) 4-Chlorotoluene	12.99	91	516792	48.613	ug/l	99
83) tert-Butylbenzene	13.21	119	553866	48.475	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	638844	49.300	ug/l	100
85) sec-Butylbenzene	13.39	105	782347	48.781	ug/l	100
86) p-Isopropyltoluene	13.51	119	707664	49.066	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	357897	49.972	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	351674	49.414	ug/l	99
89) n-Butylbenzene	13.83	91	653155	48.043	ug/l	99
90) Hexachloroethane	14.10	117	130612	48.150	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	321346	50.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21979	47.289	ug/l	95

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

Data File : VW005908.D
Acq On : 08 Oct 2018 21:10
Operator : SY/AP
Sample : VSTDCCC050EC
Misc : 6.68G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 09 06:12:32 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)
93) 1,2,4-Trichlorobenzene	15.14	180	246011	49.898	ug/l	100
94) Hexachlorobutadiene	15.24	225	152166	49.447	ug/l	99
95) Naphthalene	15.38	128	433900	51.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	215131	50.394	ug/l	99

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

Data File : VW005908.D

Acq On : 08 Oct 2018 21:10

Operator : SY/AP

Sample : VSTDCCC050EC

Misc : 6.68G/5ML/MSVOA W/SOIL

```
ALS Vial      : 26      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

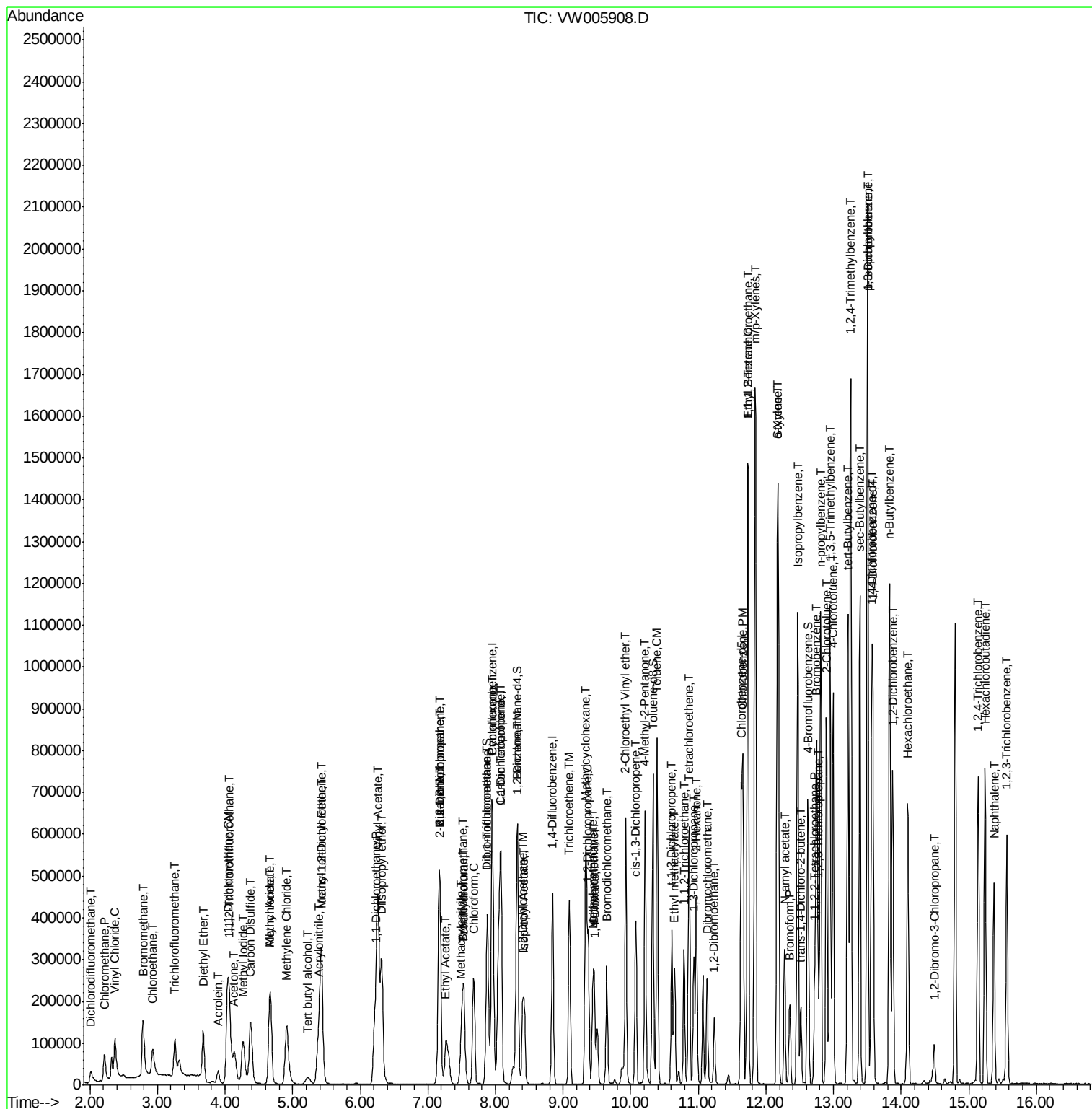
Quant Time: Oct 09 06:12:32 2018

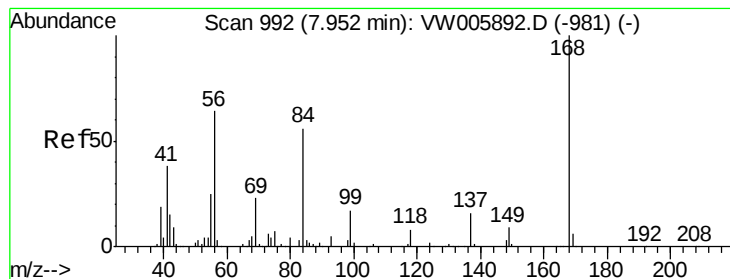
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W100818S.M

Quant Title : SW846 8260

QLast Update : Tue Oct 09 02:14:04 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

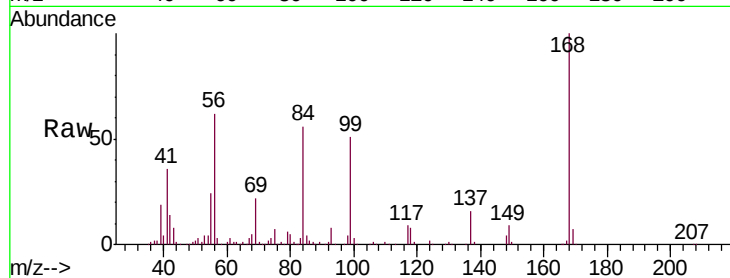
VSTDCCC050EC

Tgt Ion:168 Resp: 274616

Ion Ratio Lower Upper

168 100

99 50.6 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

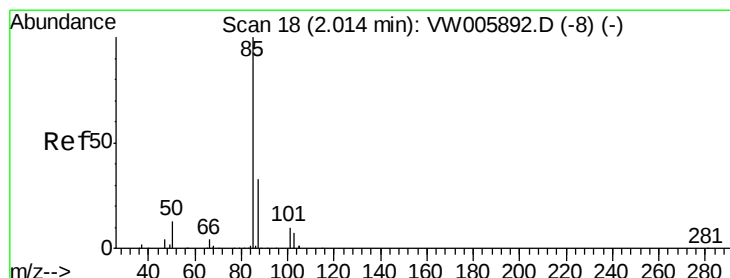
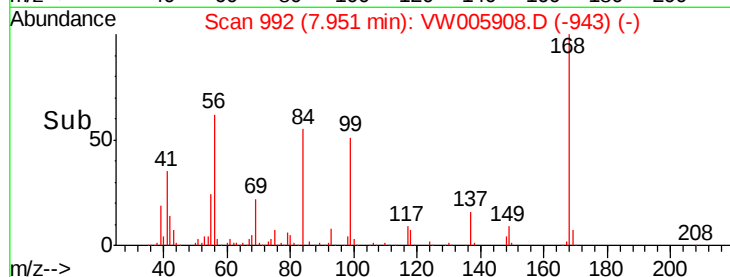
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.886 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005908.D

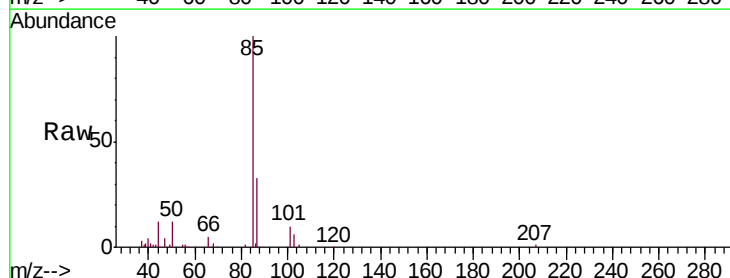
Acq: 08 Oct 2018 21:10

Tgt Ion: 85 Resp: 60405

Ion Ratio Lower Upper

85 100

87 33.0 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

15000

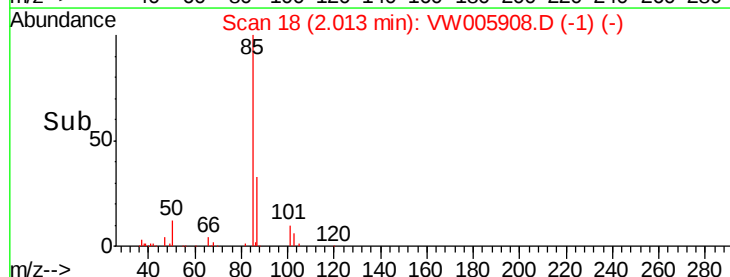
10000

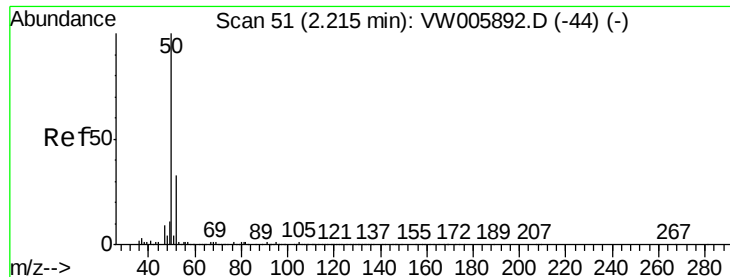
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.471 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

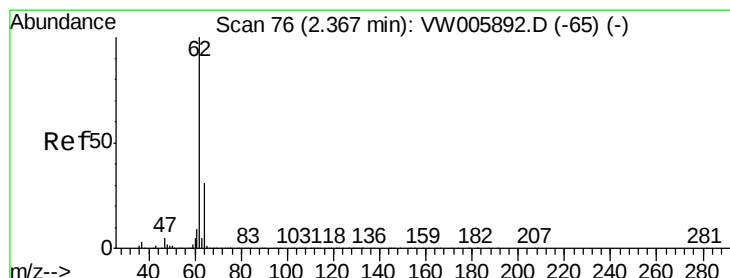
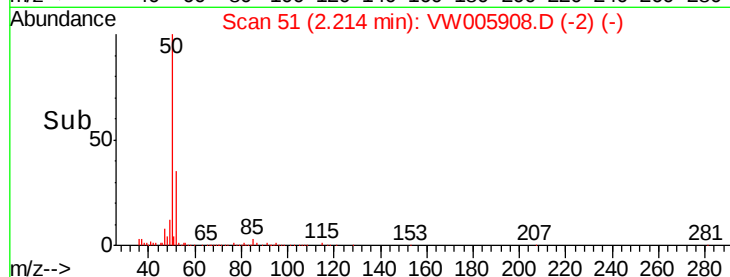
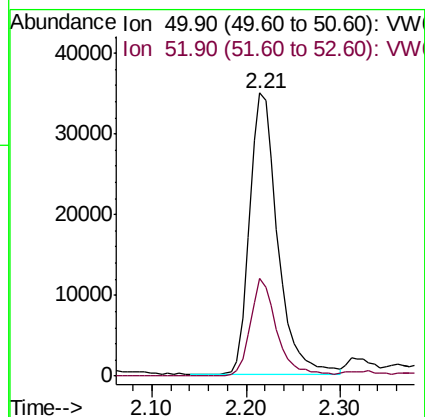
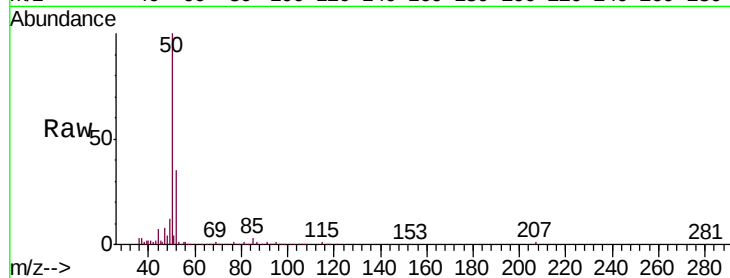
VSTDCCC050EC

Tgt Ion: 50 Resp: 73561

Ion Ratio Lower Upper

50 100

52 34.9 26.7 40.1



#4

Vinyl Chloride

Concen: 51.301 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005908.D

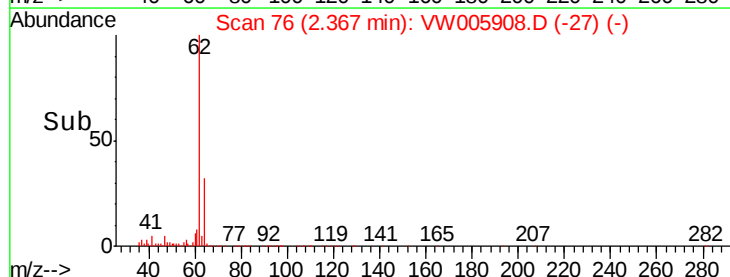
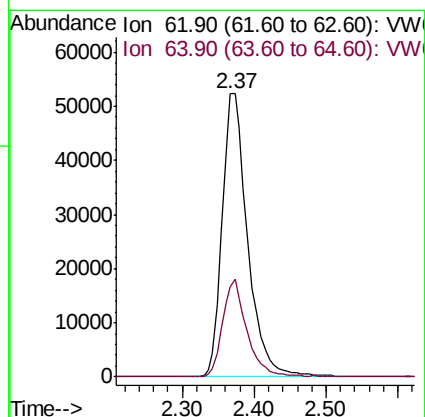
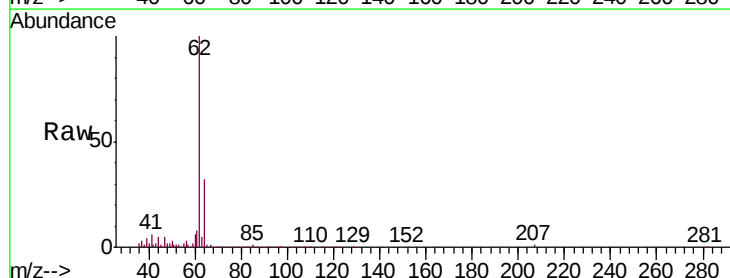
Acq: 08 Oct 2018 21:10

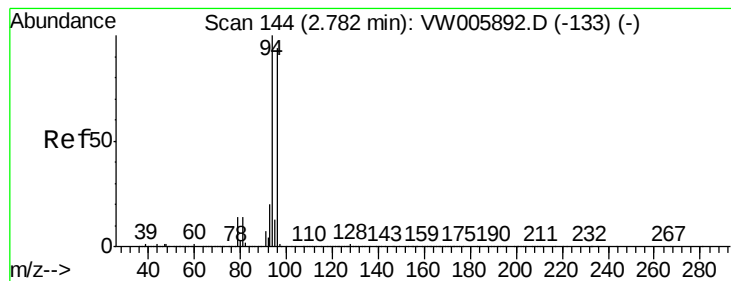
Tgt Ion: 62 Resp: 128922

Ion Ratio Lower Upper

62 100

64 31.5 24.6 36.8





#5

Bromomethane

Concen: 54.678 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

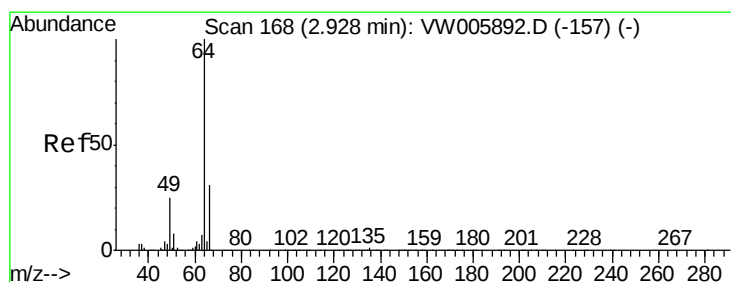
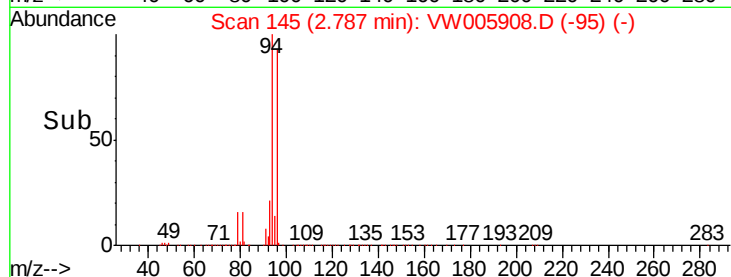
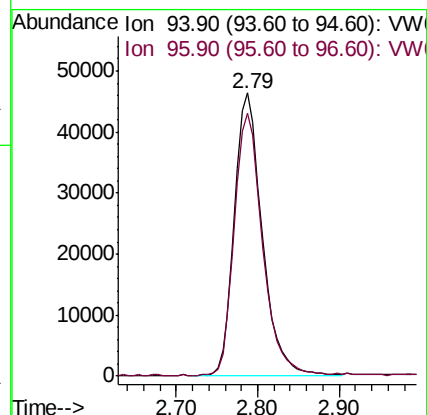
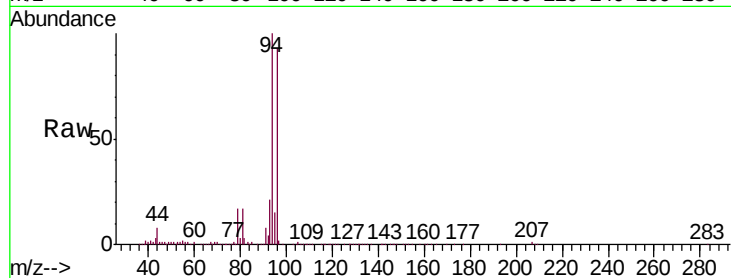
VSTDCCC050EC

Tgt Ion: 94 Resp: 108445

Ion Ratio Lower Upper

94 100

96 92.9 75.0 112.4



#6

Chloroethane

Concen: 53.198 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005908.D

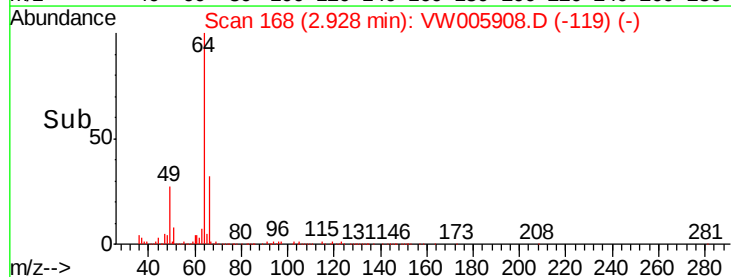
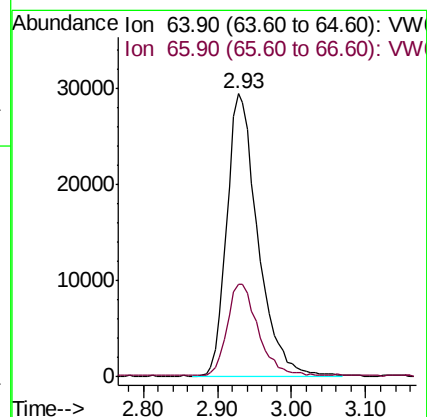
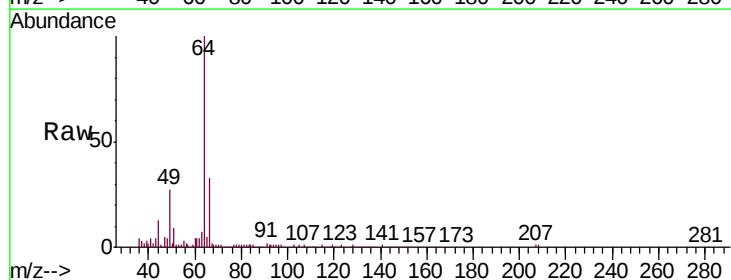
Acq: 08 Oct 2018 21:10

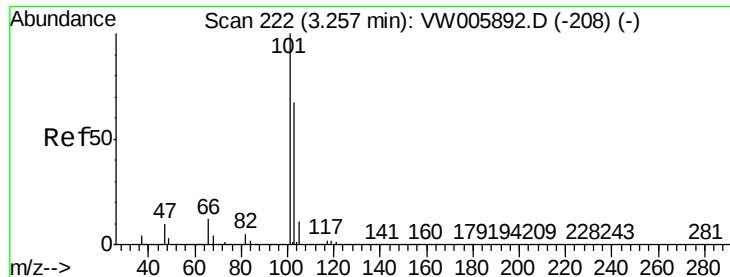
Tgt Ion: 64 Resp: 85176

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4



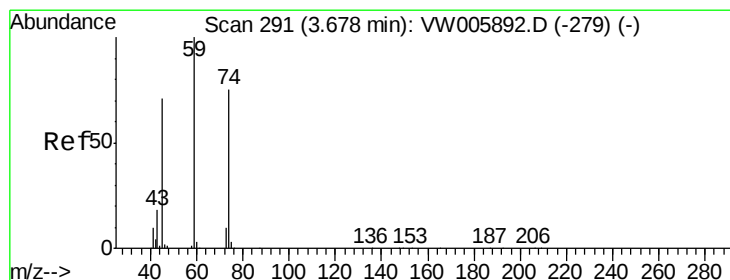
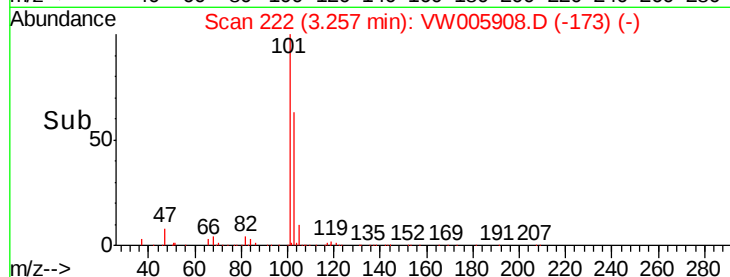
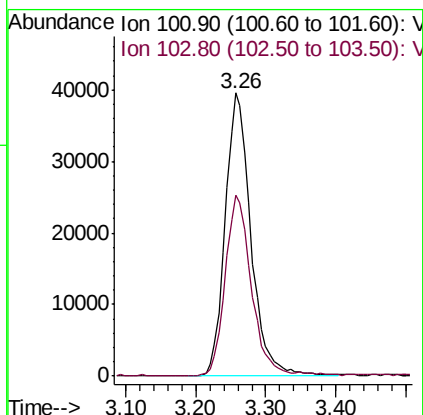
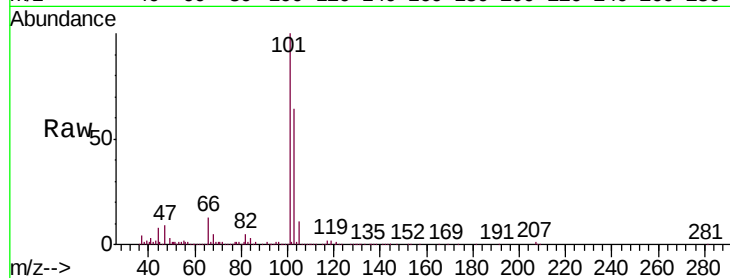


#7

Trichlorofluoromethane
Concen: 50.898 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

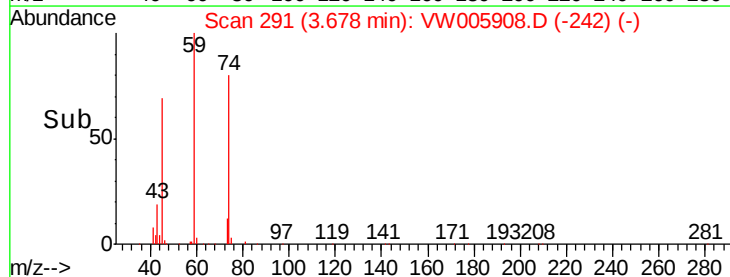
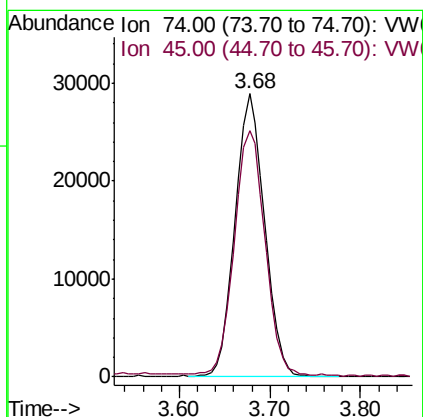
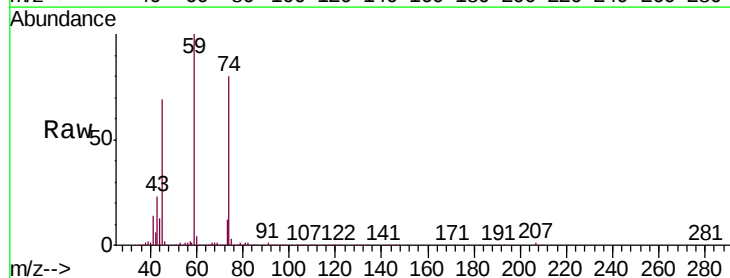
Tgt Ion:101 Resp: 101533
Ion Ratio Lower Upper
101 100
103 63.4 53.5 80.3

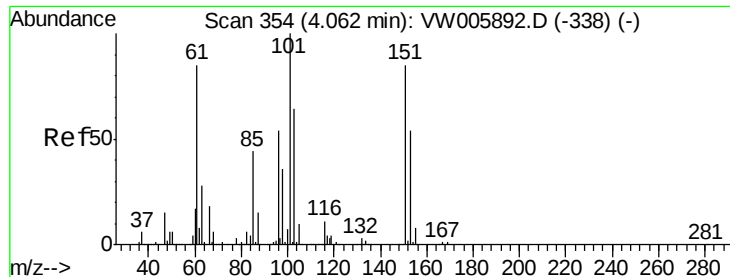


#8

Diethyl Ether
Concen: 53.306 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion: 74 Resp: 65443
Ion Ratio Lower Upper
74 100
45 89.8 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.819 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

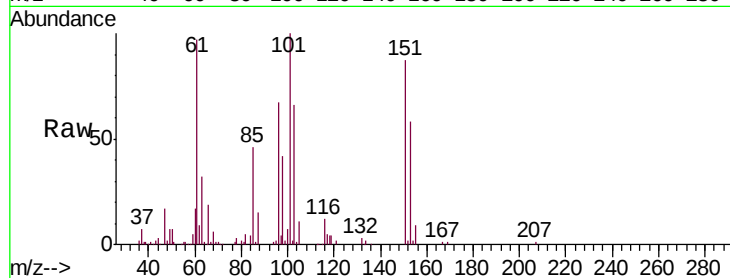
Tgt Ion:101 Resp: 122899

Ion Ratio Lower Upper

101 100

85 43.8 35.1 52.7

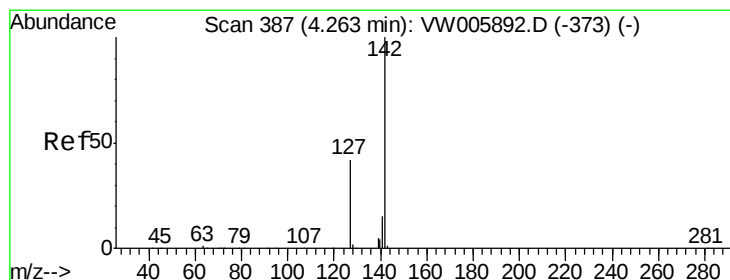
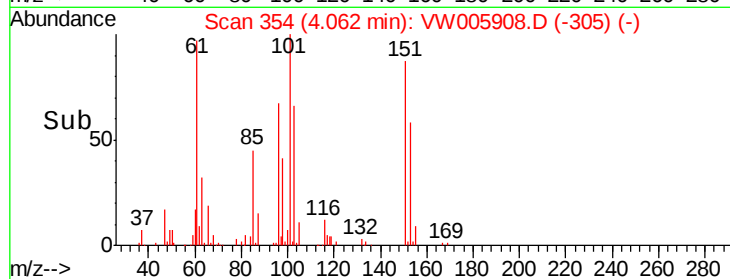
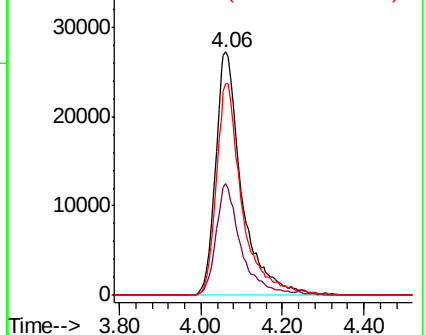
151 85.7 67.7 101.5



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: 51.973 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

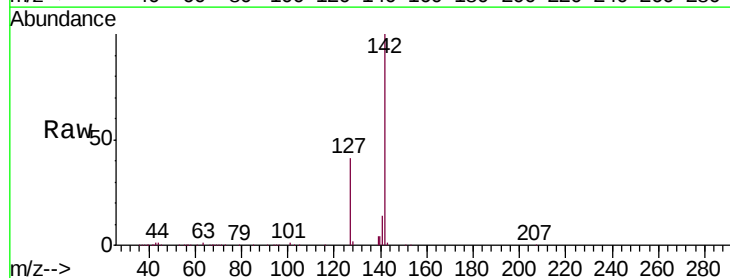
Tgt Ion:142 Resp: 213977

Ion Ratio Lower Upper

142 100

127 41.1 33.7 50.5

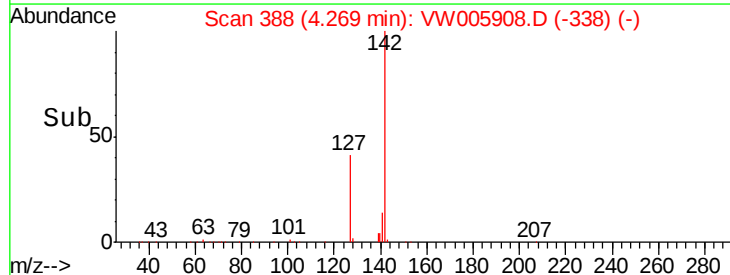
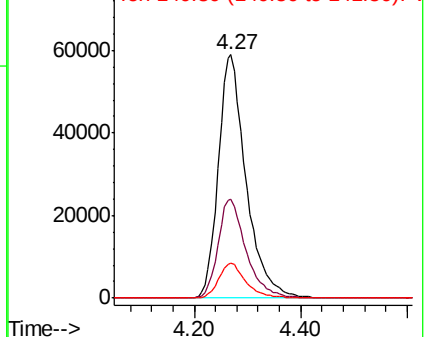
141 14.2 11.5 17.3

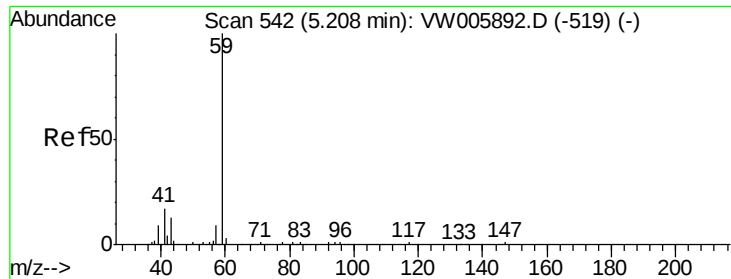


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



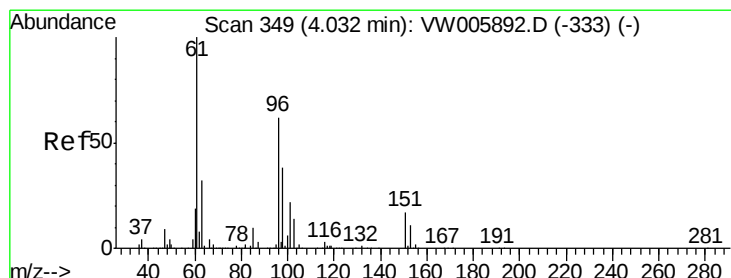
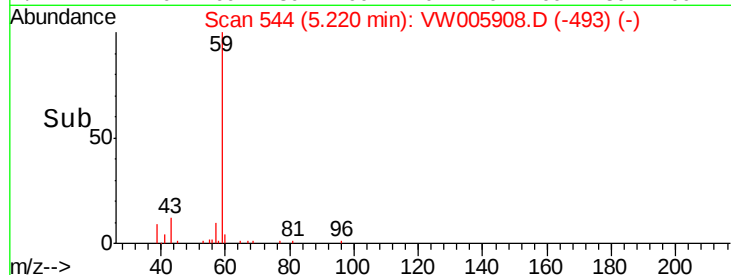
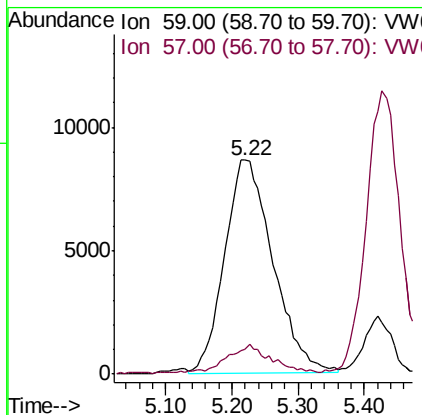
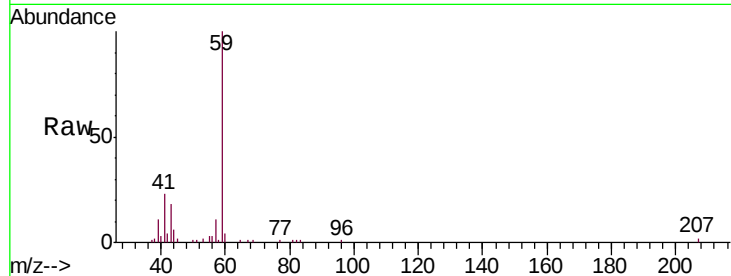


#11

Tert butyl alcohol
 Concen: 223.673 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

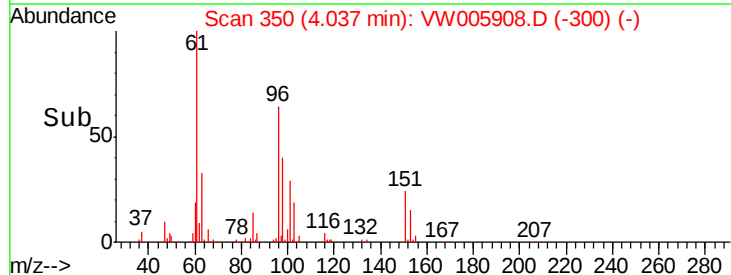
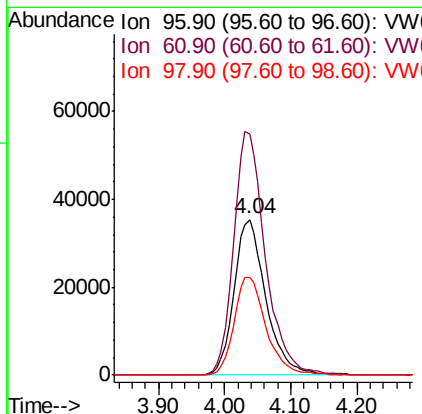
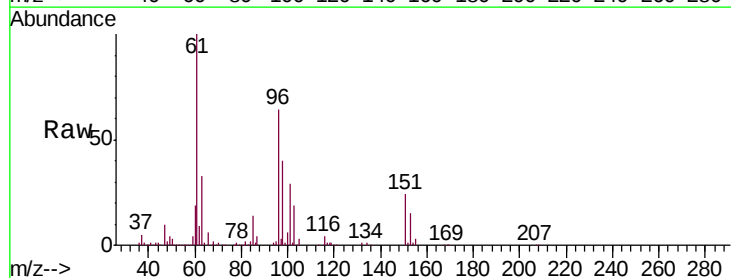
Tgt Ion: 59 Resp: 43701
 Ion Ratio Lower Upper
 59 100
 57 11.7 7.7 11.5#

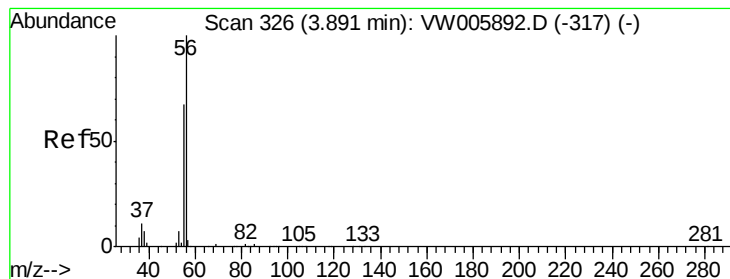


#12

1,1-Dichloroethene
 Concen: 48.849 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion: 96 Resp: 118090
 Ion Ratio Lower Upper
 96 100
 61 155.4 128.6 193.0
 98 62.5 49.4 74.0





#13

Acrolein

Concen: 215.122 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

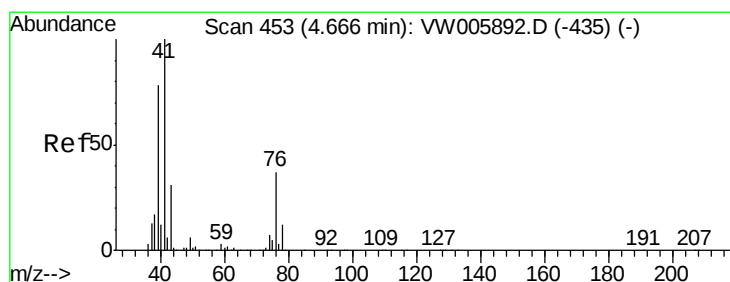
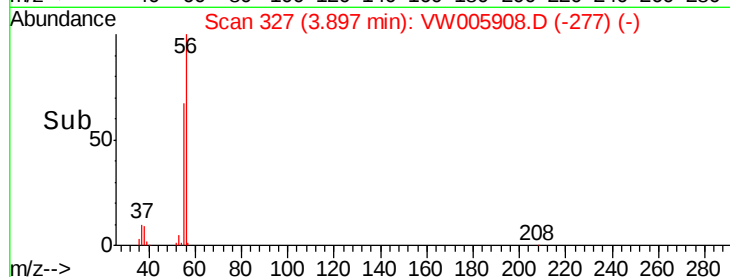
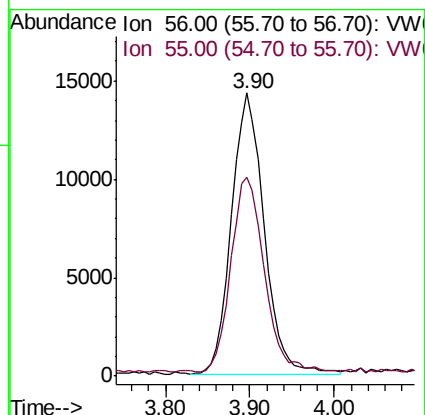
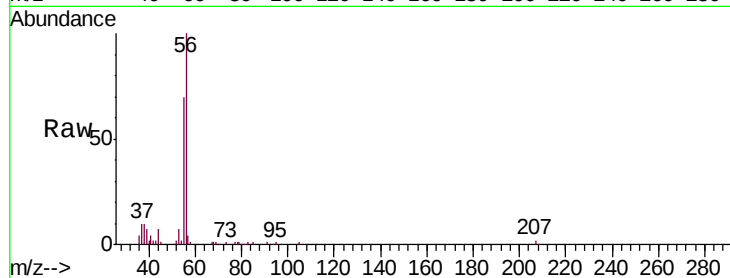
VSTDCCC050EC

Tgt Ion: 56 Resp: 37455

Ion Ratio Lower Upper

56 100

55 69.9 54.6 82.0



#14

Allyl chloride

Concen: 45.509 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

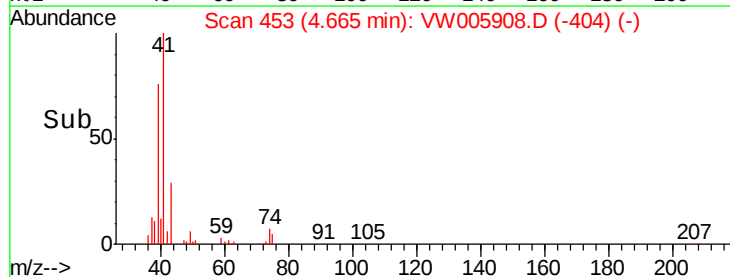
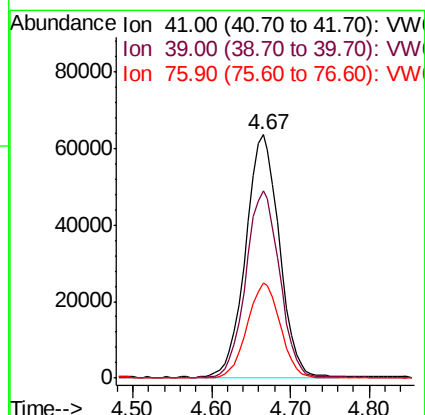
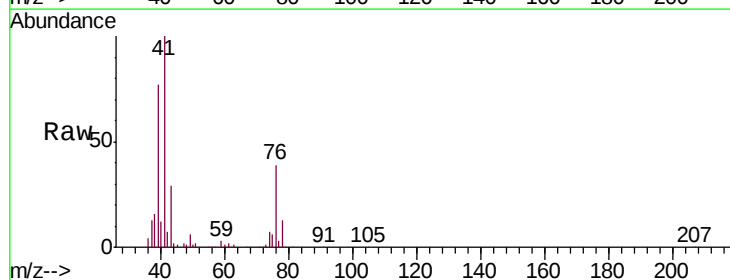
Tgt Ion: 41 Resp: 187613

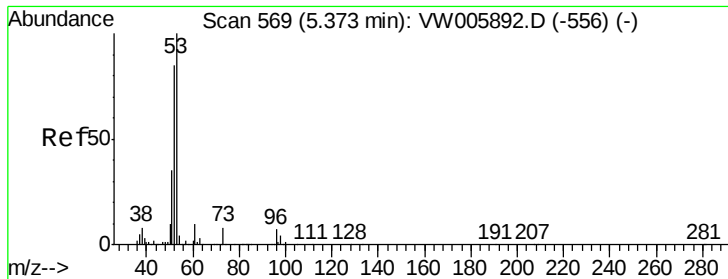
Ion Ratio Lower Upper

41 100

39 77.2 60.8 91.2

76 38.8 29.6 44.4





#15

Acrylonitrile

Concen: 244.738 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

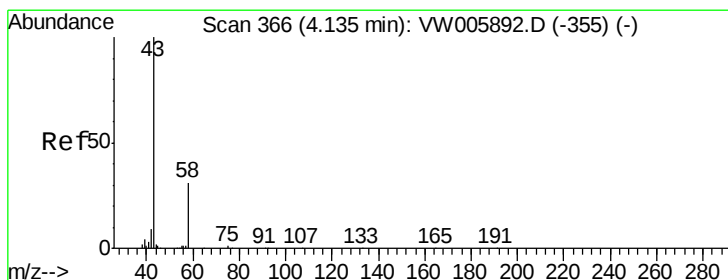
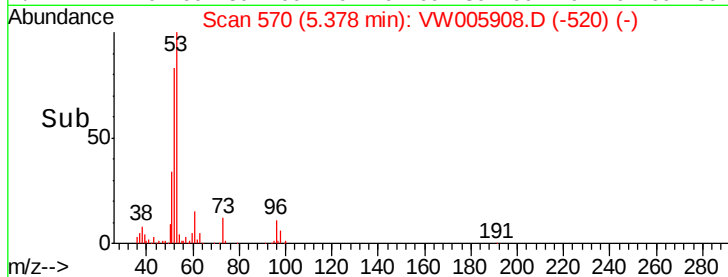
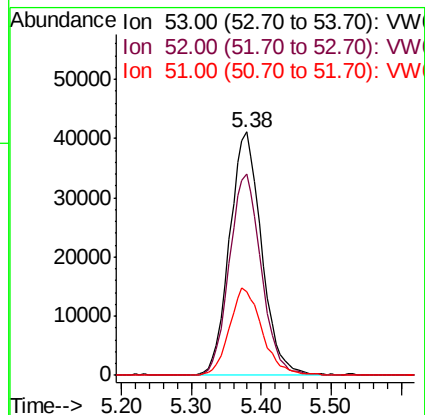
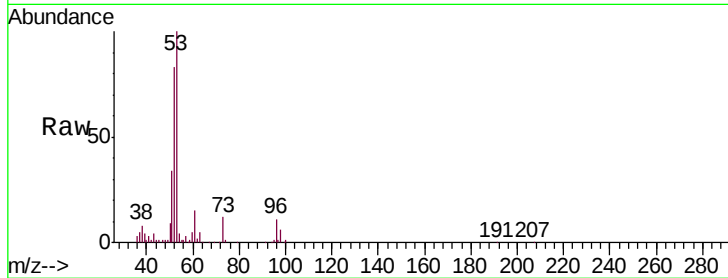
Tgt Ion: 53 Resp: 130760

Ion Ratio Lower Upper

53 100

52 82.5 66.8 100.2

51 37.0 29.8 44.6



#16

Acetone

Concen: 201.087 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005908.D

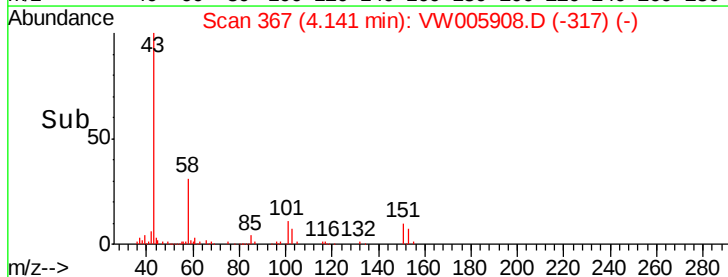
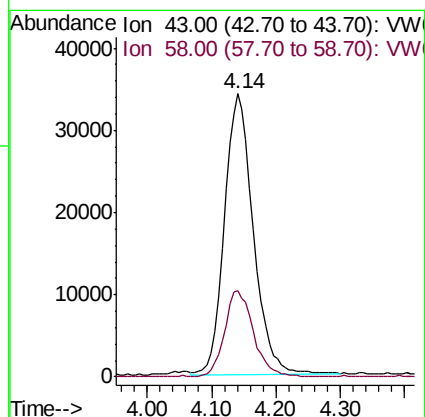
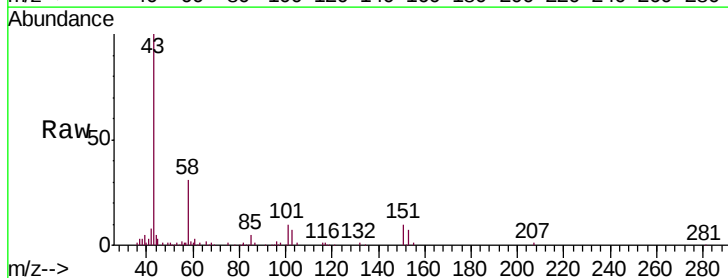
Acq: 08 Oct 2018 21:10

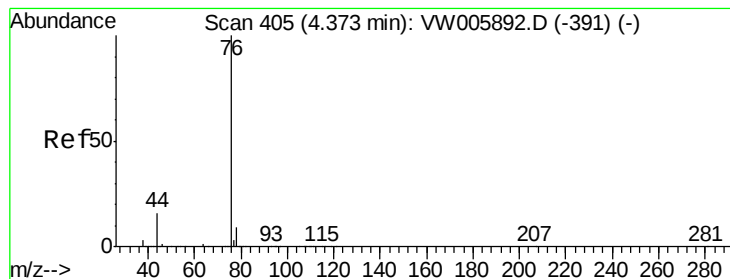
Tgt Ion: 43 Resp: 107078

Ion Ratio Lower Upper

43 100

58 30.7 24.7 37.1





#17

Carbon Disulfide

Concen: 49.315 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

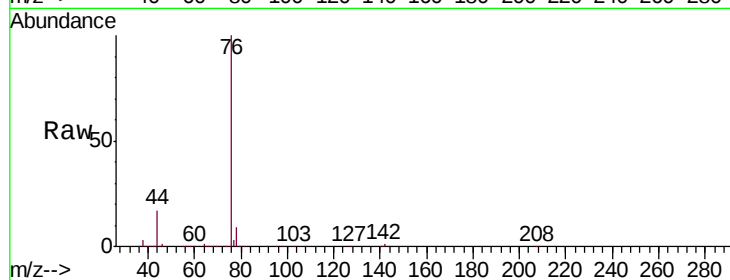
VSTDCCC050EC

Tgt Ion: 76 Resp: 360425

Ion Ratio Lower Upper

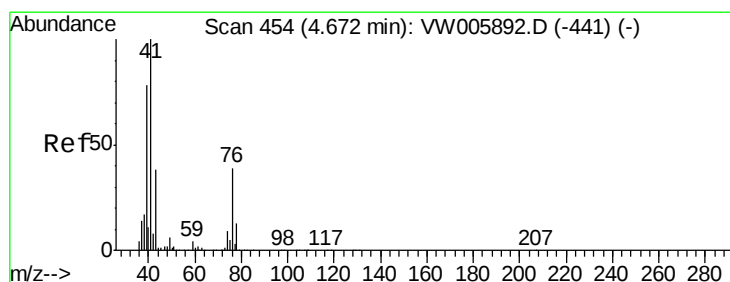
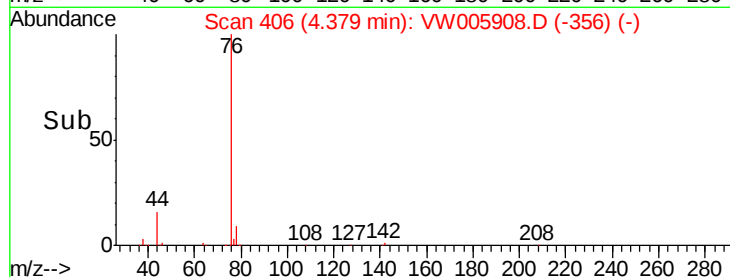
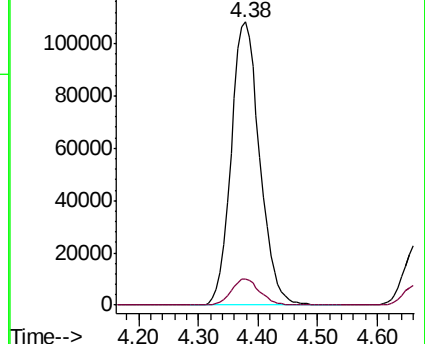
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 50.543 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005908.D

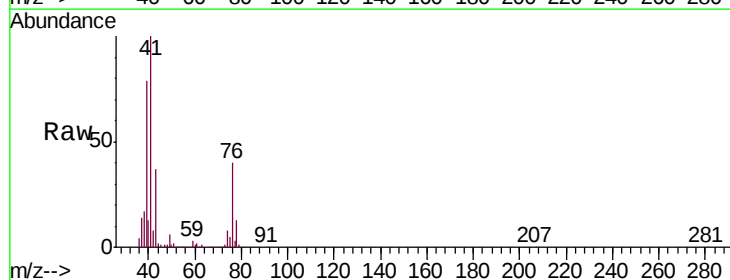
Acq: 08 Oct 2018 21:10

Tgt Ion: 43 Resp: 67917

Ion Ratio Lower Upper

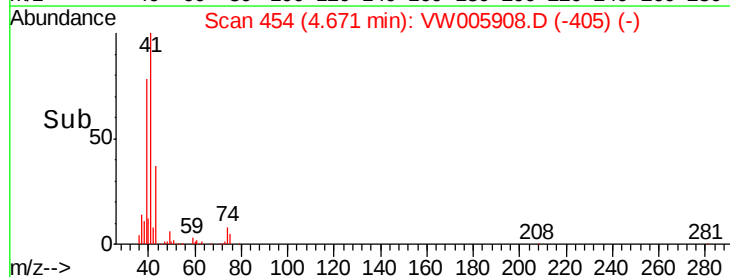
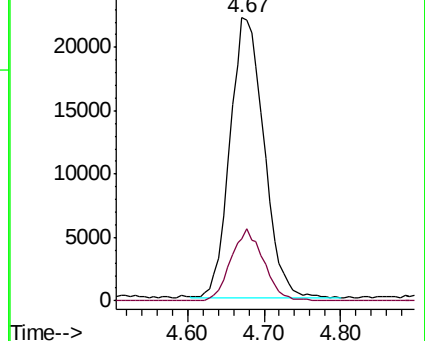
43 100

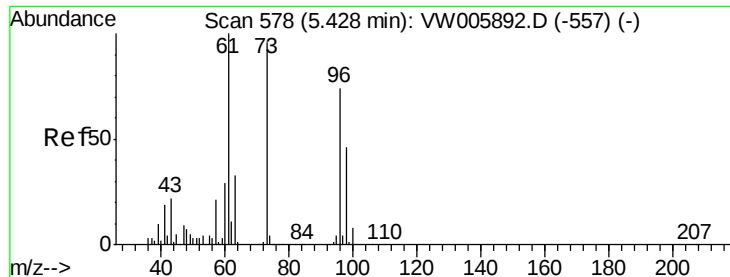
74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 50.861 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

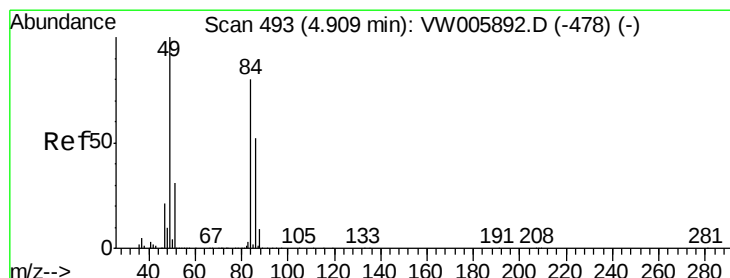
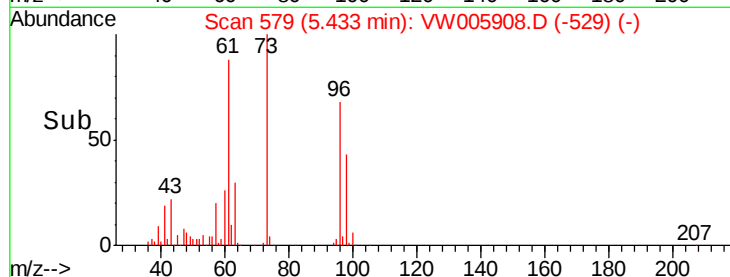
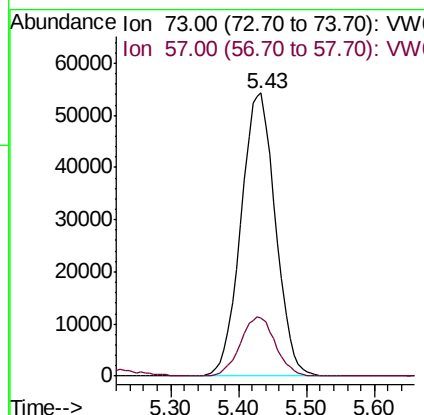
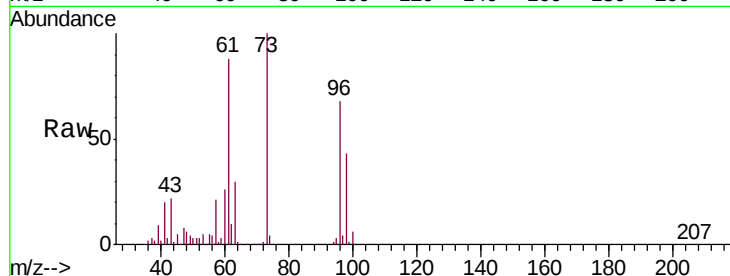
VSTDCCC050EC

Tgt Ion: 73 Resp: 191289

Ion Ratio Lower Upper

73 100

57 20.4 17.7 26.5



#20

Methylene Chloride

Concen: 47.272 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Tgt Ion: 84 Resp: 126117

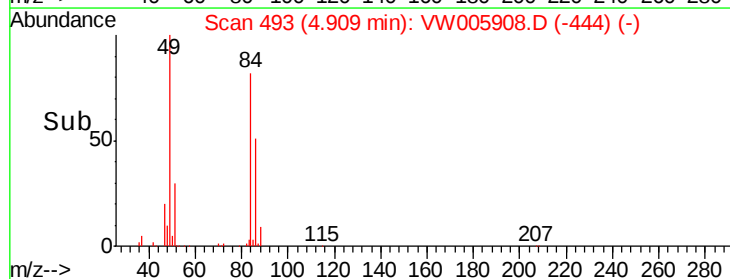
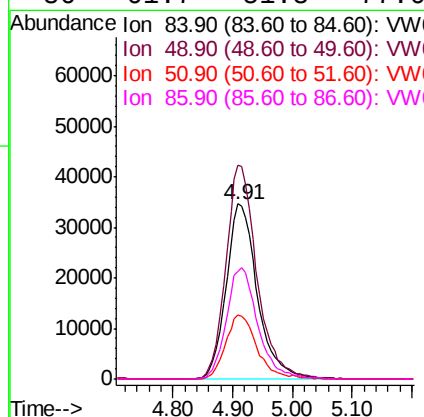
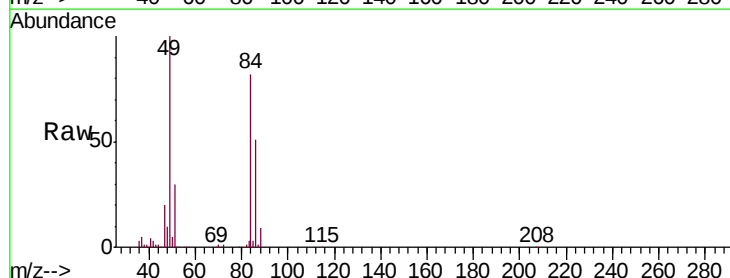
Ion Ratio Lower Upper

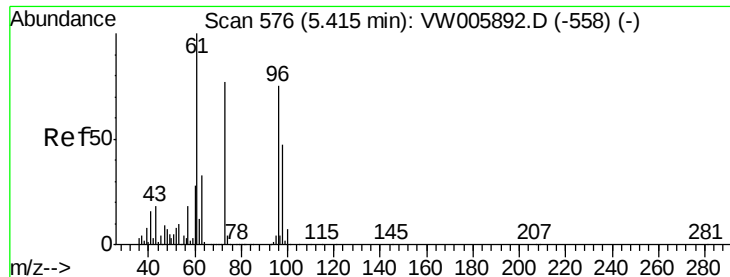
84 100

49 122.2 99.9 149.9

51 36.4 31.1 46.7

86 61.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.484 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

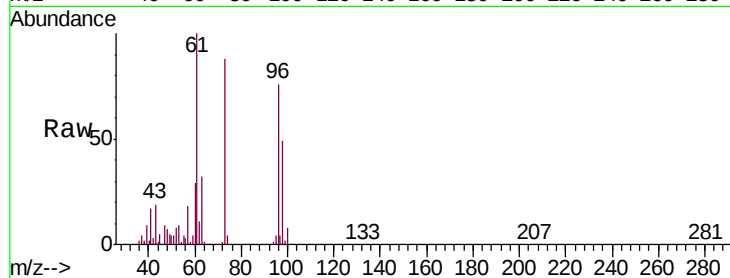
Tgt Ion: 96 Resp: 133018

Ion Ratio Lower Upper

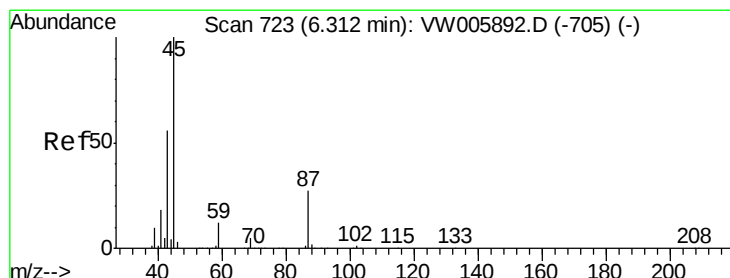
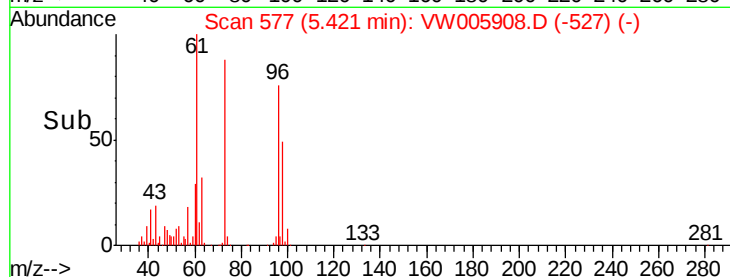
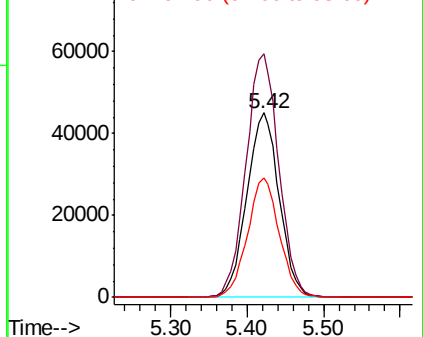
96 100

61 132.2 107.4 161.0

98 65.1 50.8 76.2



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



#22

Diisopropyl ether

Concen: 48.185 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Tgt Ion: 45 Resp: 371347

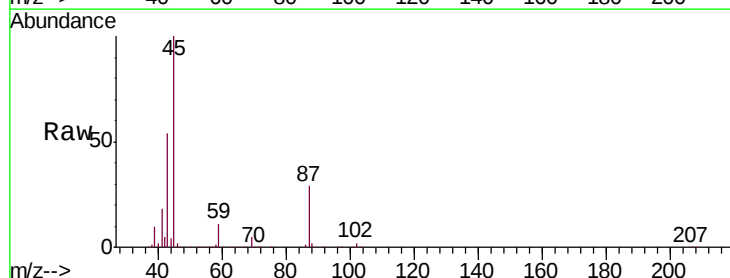
Ion Ratio Lower Upper

45 100

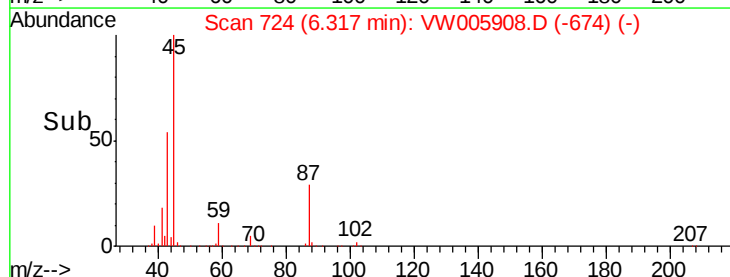
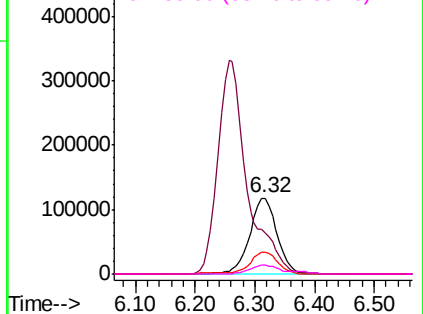
43 54.0 45.9 68.9

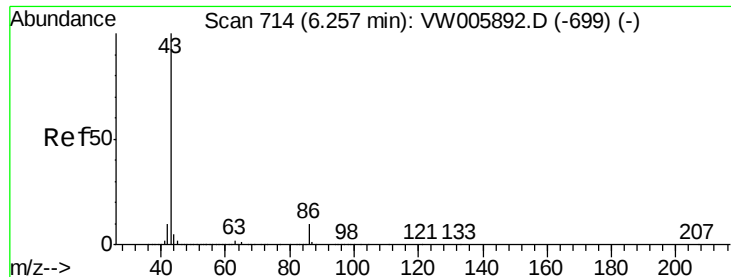
87 29.3 22.2 33.4

59 11.0 9.4 14.0



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





#23

Vinyl Acetate

Concen: 236.716 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

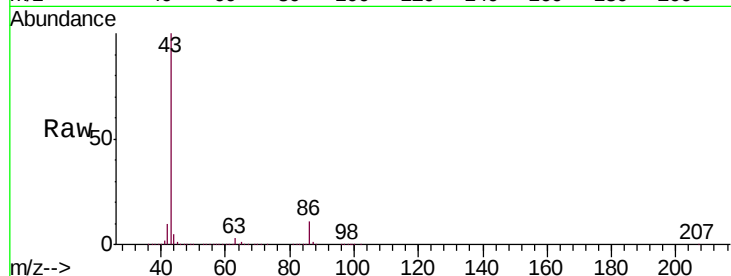
VSTDCCC050EC

Tgt Ion: 43 Resp: 1122824

Ion Ratio Lower Upper

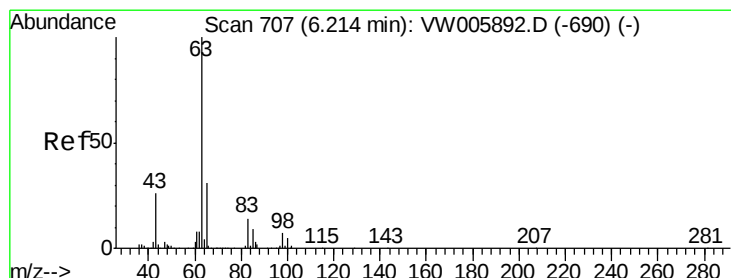
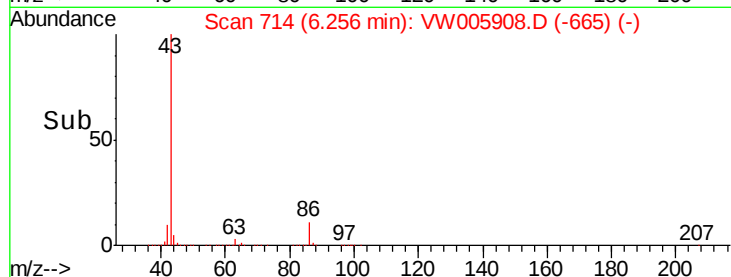
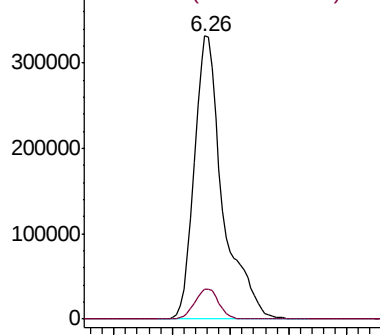
43 100

86 10.8 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.804 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

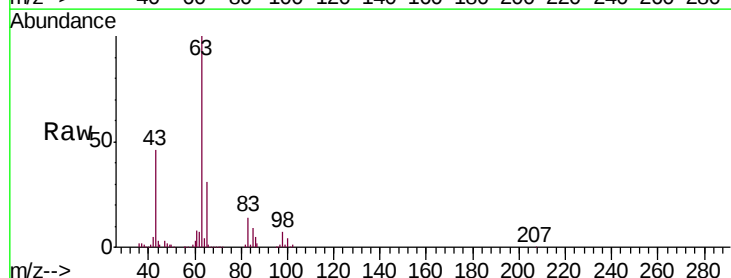
Tgt Ion: 63 Resp: 230168

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

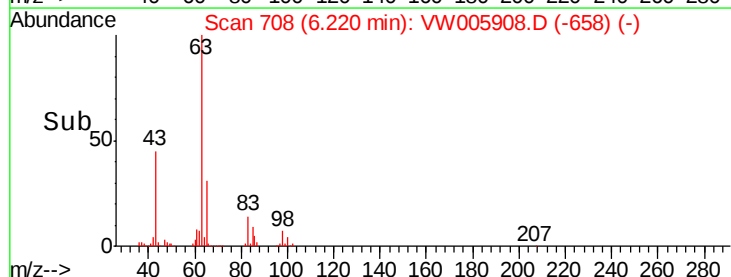
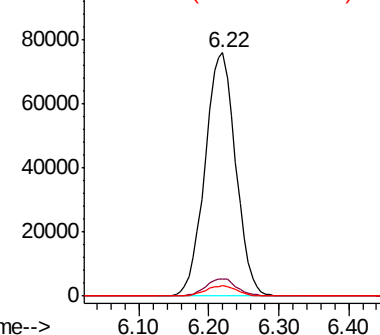
100 4.2 2.4 7.1

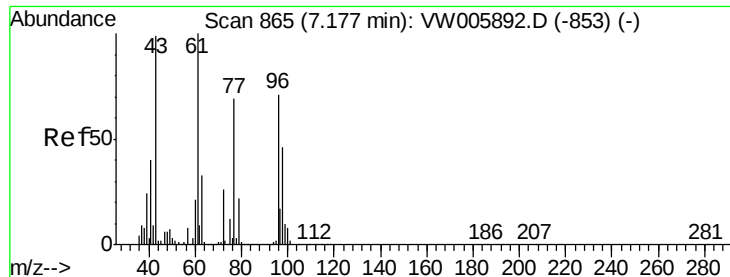


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 224.850 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

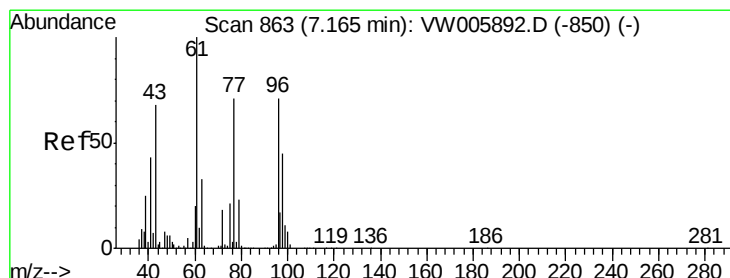
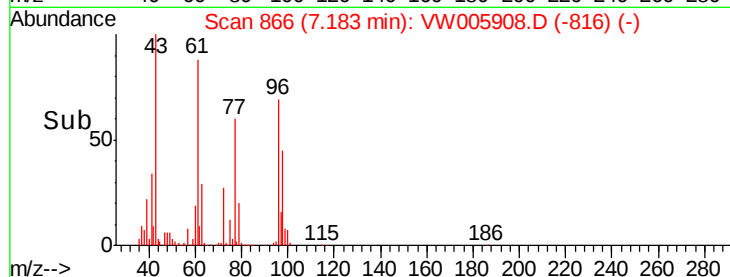
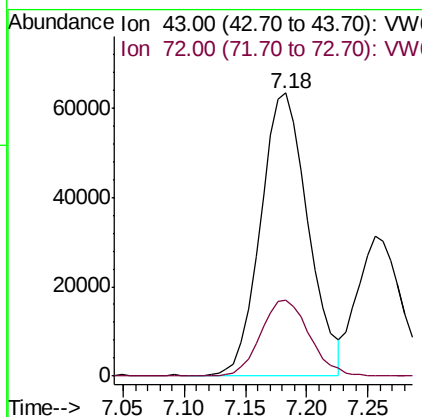
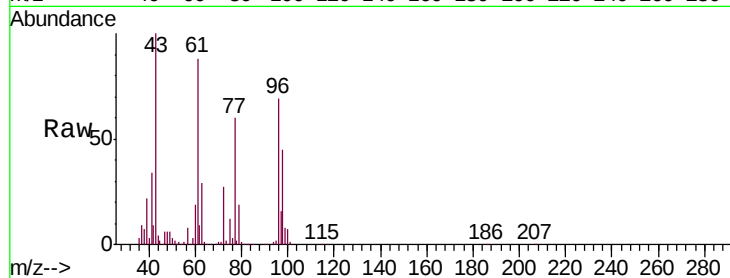
VSTDCCC050EC

Tgt Ion: 43 Resp: 170297

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 44.949 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW005908.D

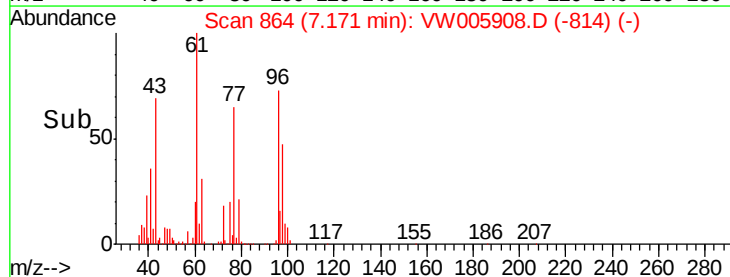
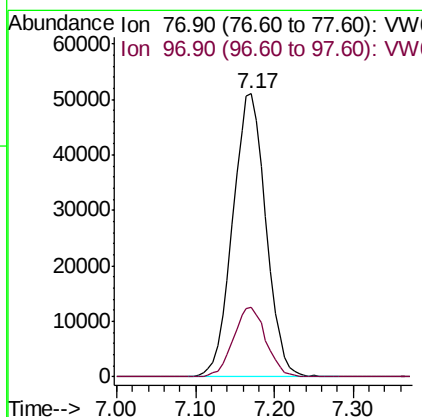
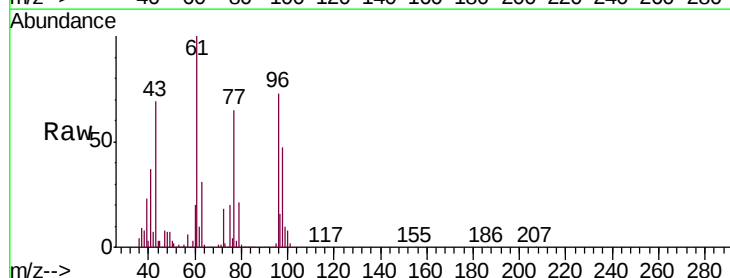
Acq: 08 Oct 2018 21:10

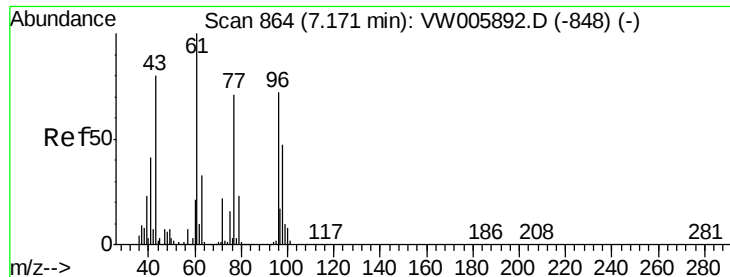
Tgt Ion: 77 Resp: 149190

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.7



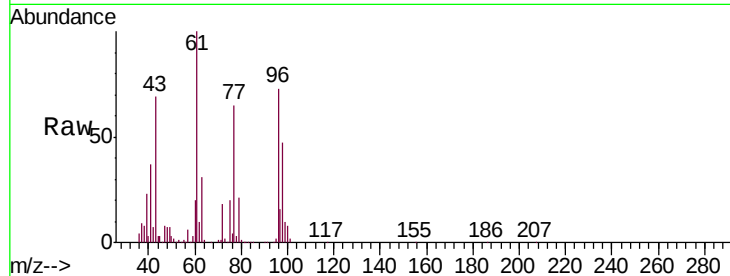


#27

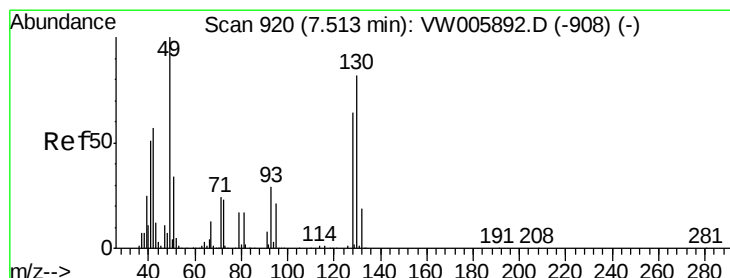
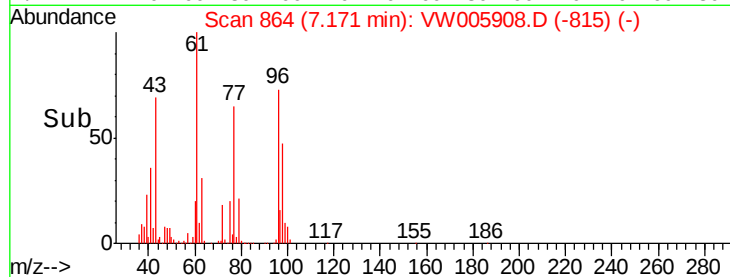
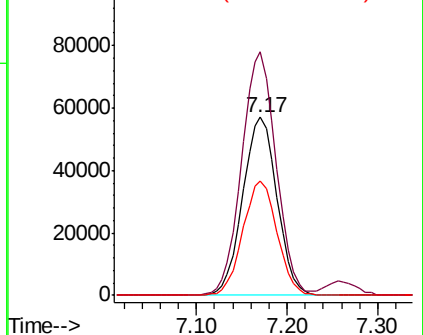
cis-1,2-Dichloroethene
 Concen: 50.188 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	284.0
98	64.3	0.0	129.8



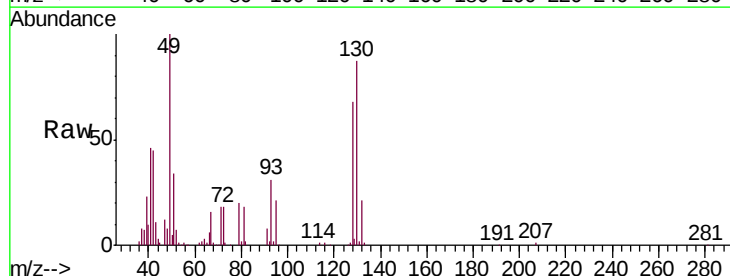
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



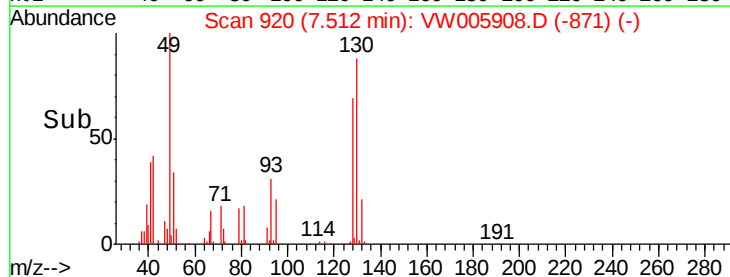
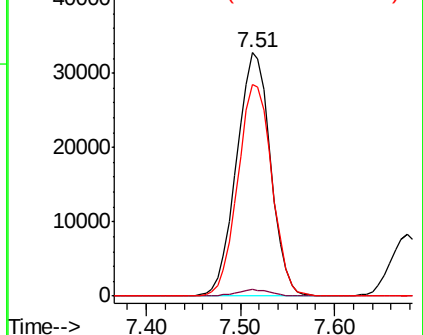
#28

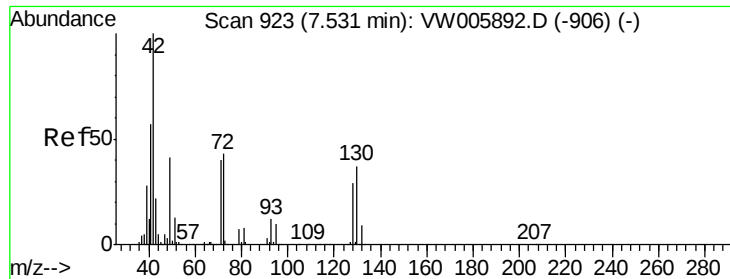
Bromochloromethane
 Concen: 47.502 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	87.5	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

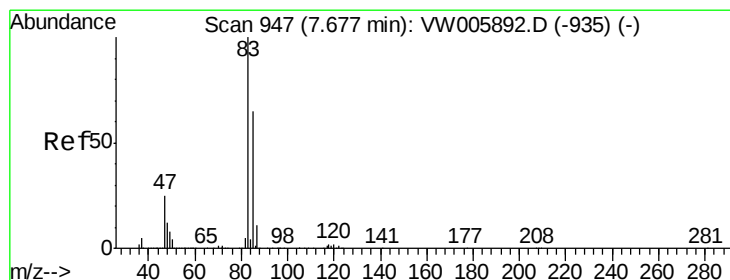
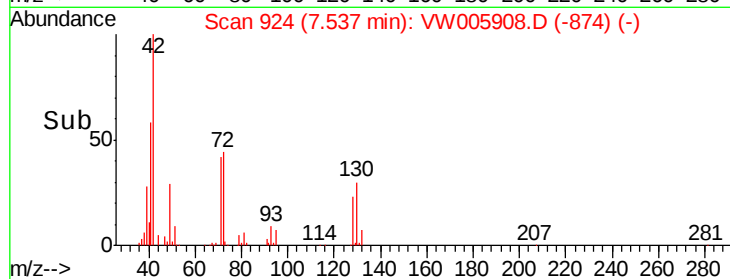
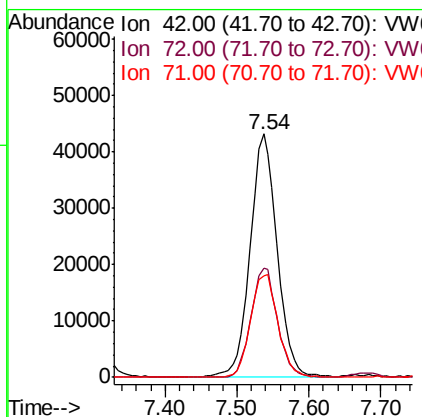
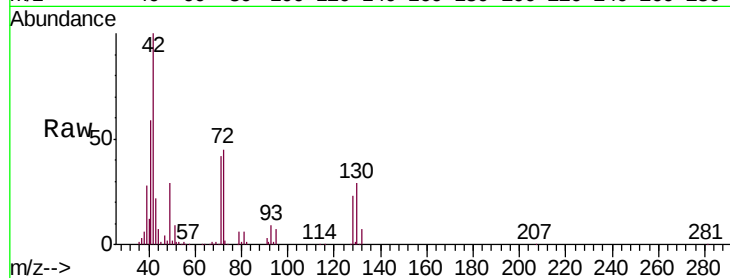




#29
Tetrahydrofuran
Concen: 234.022 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

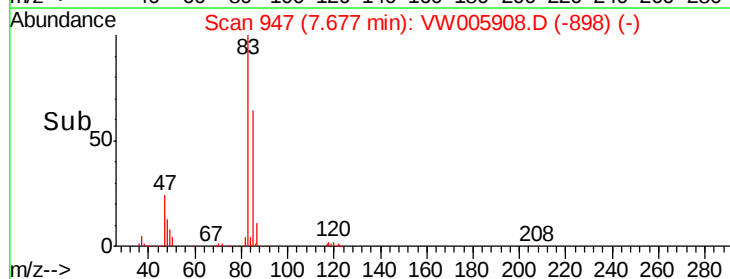
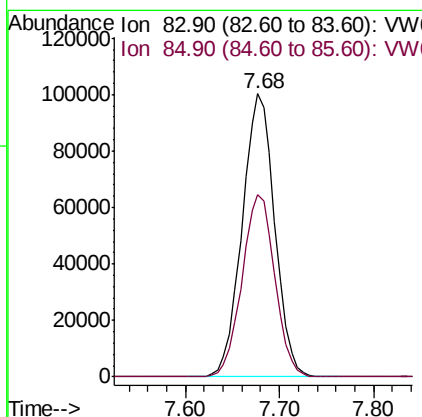
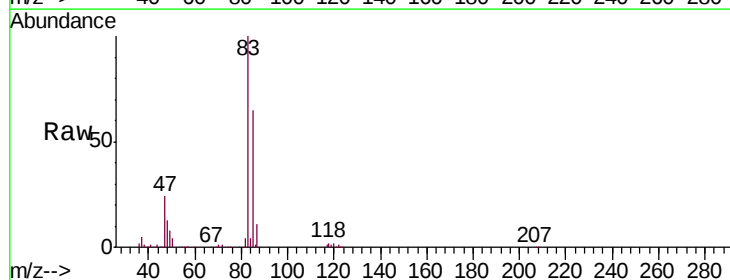
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

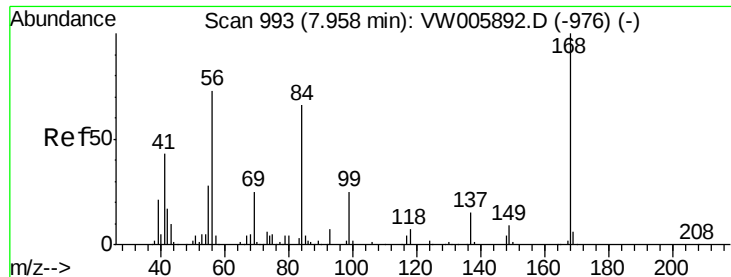
Tgt Ion: 42 Resp: 112044
Ion Ratio Lower Upper
42 100
72 44.2 34.6 51.8
71 43.0 32.6 49.0



#30
Chloroform
Concen: 49.969 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion: 83 Resp: 242062
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4

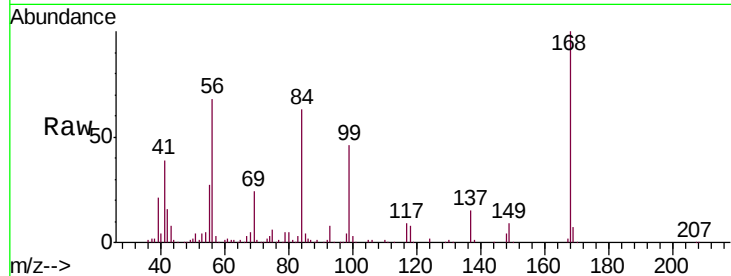




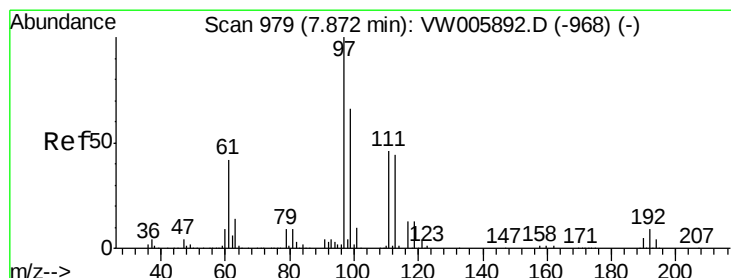
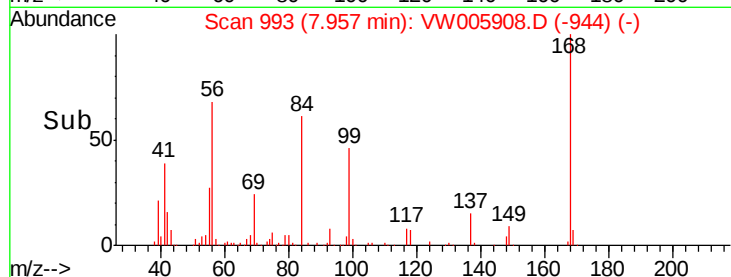
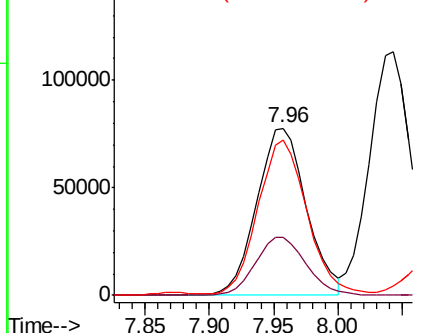
#31
Cyclohexane
Concen: 44.435 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 207385
Ion Ratio Lower Upper
56 100
69 34.9 27.9 41.9
84 91.8 72.3 108.5

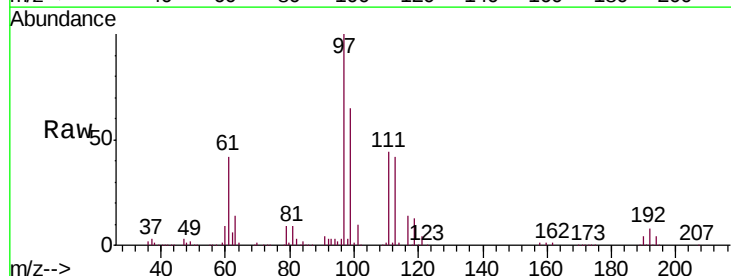


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

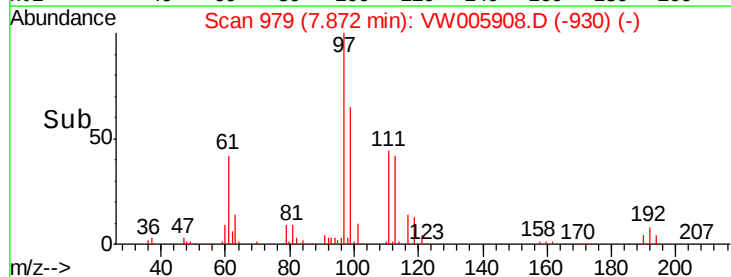
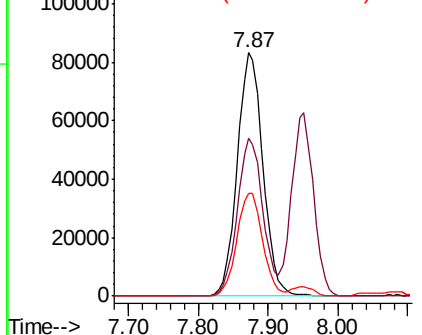


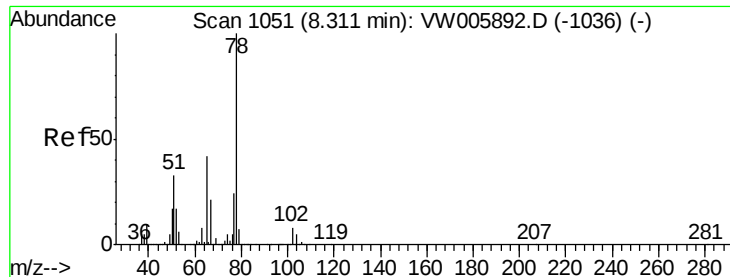
#32
1,1,1-Trichloroethane
Concen: 49.181 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion: 97 Resp: 212169
Ion Ratio Lower Upper
97 100
99 64.8 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

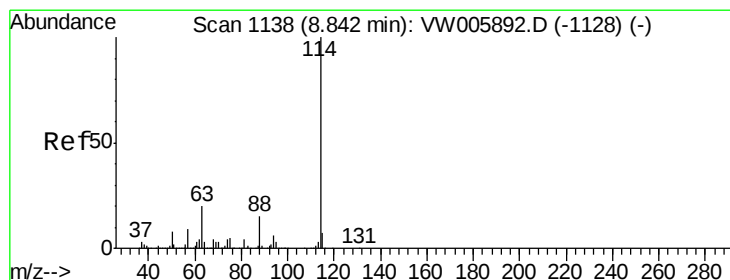
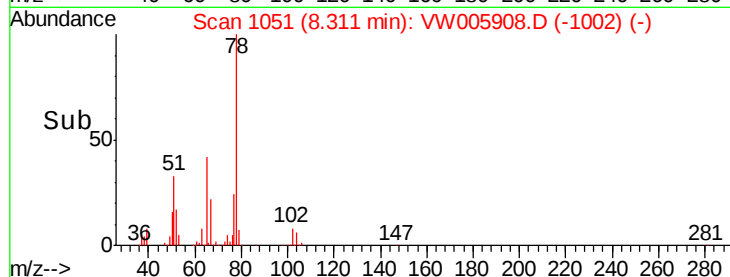
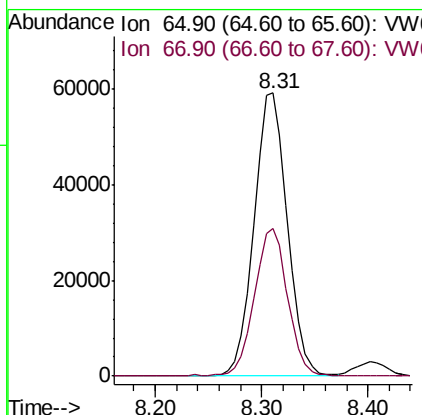
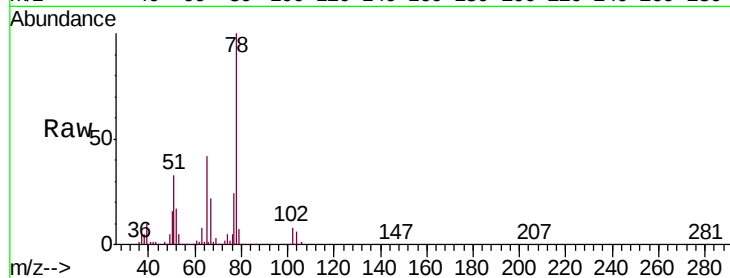




#33
 1,2-Dichloroethane-d4
 Concen: 48.568 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

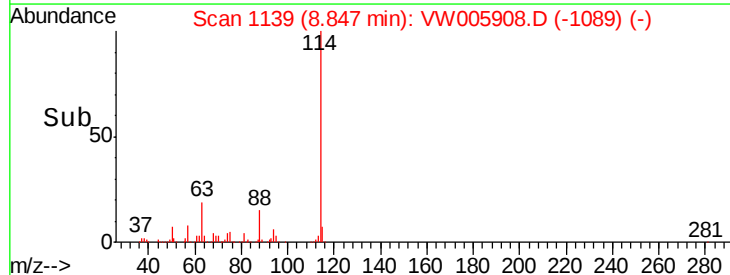
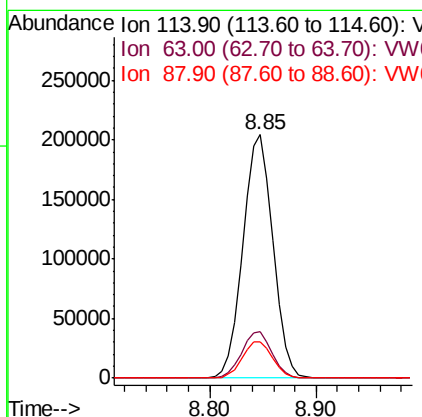
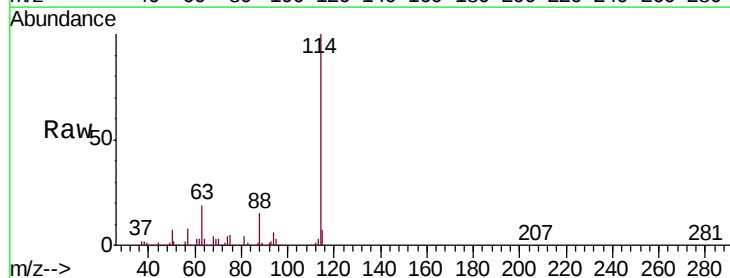
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

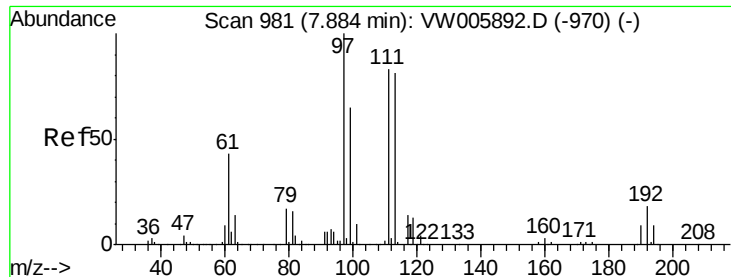
Tgt Ion: 65 Resp: 129477
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion: 114 Resp: 404094
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 14.7 0.0 30.8

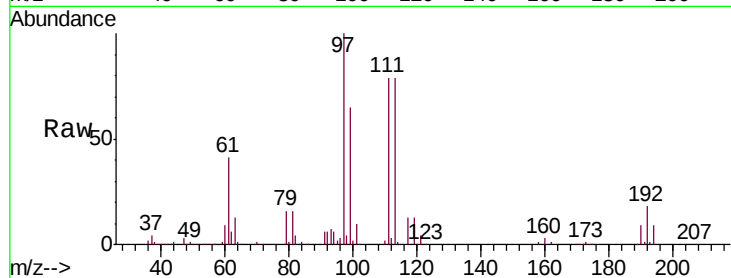




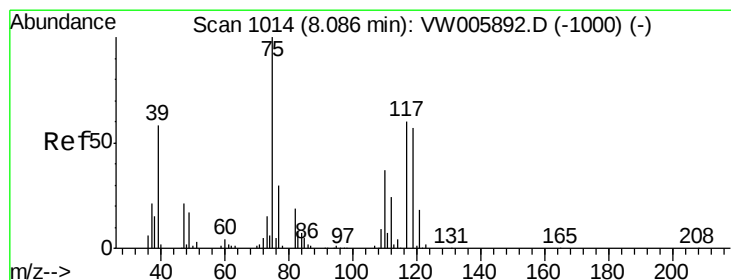
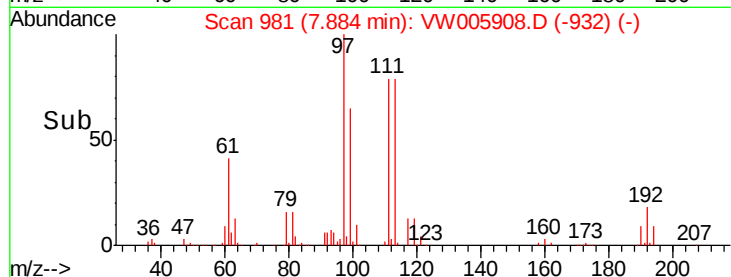
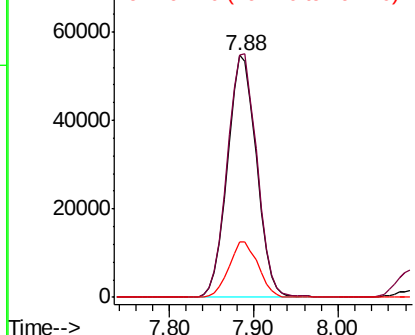
#35
 Dibromofluoromethane
 Concen: 49.578 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.0	18.3	27.5

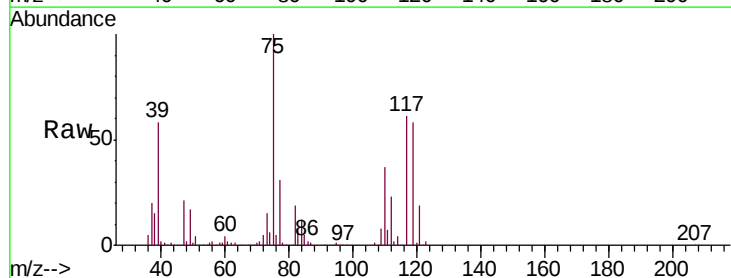


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

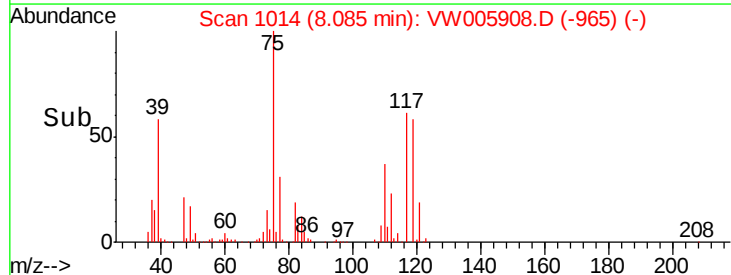
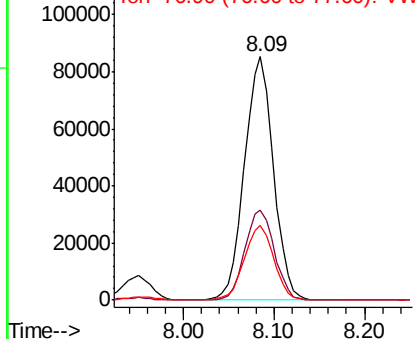


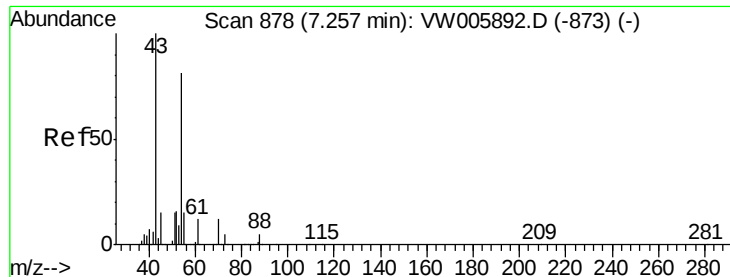
#36
 1,1-Dichloropropene
 Concen: 48.776 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.6	56.0
77	31.3	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

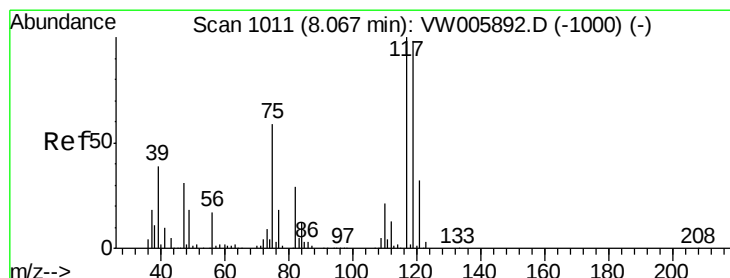
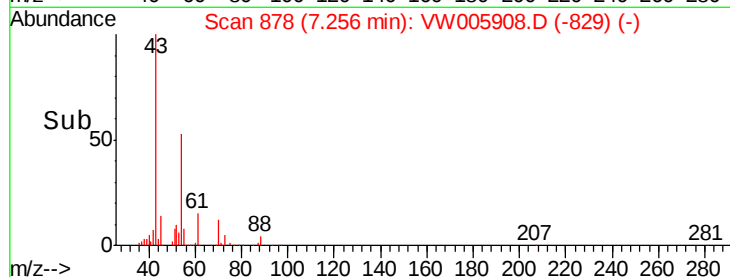
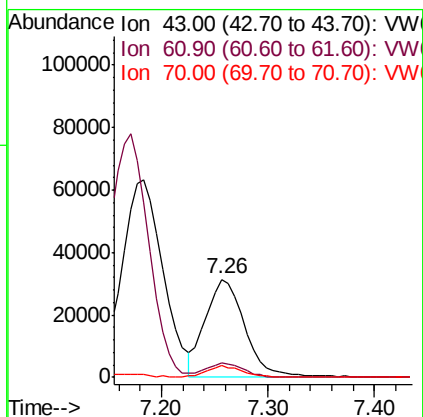
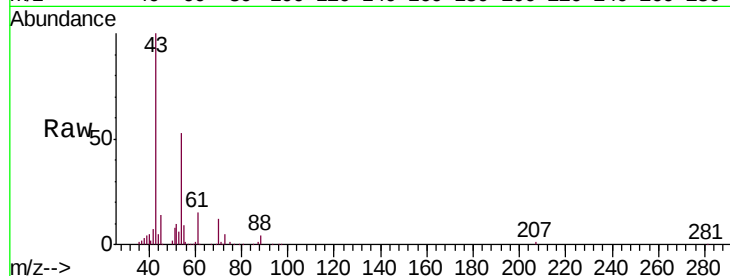




#37
Ethyl Acetate
Concen: 48.101 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

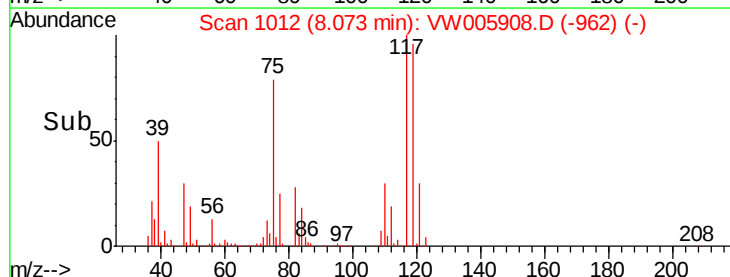
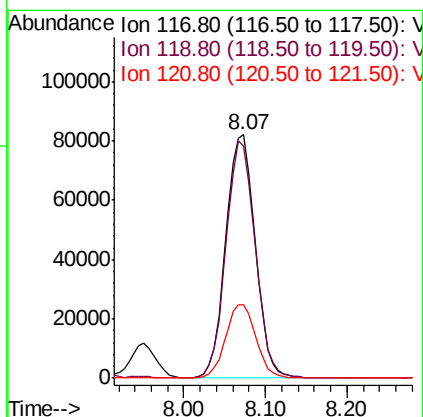
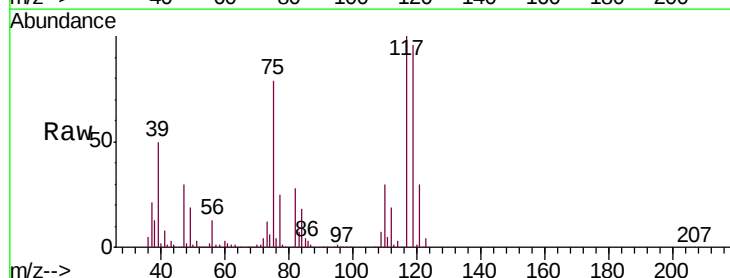
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

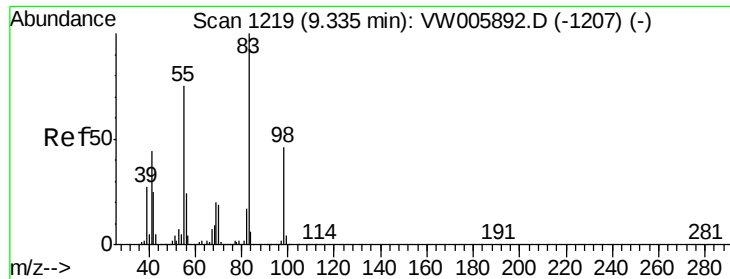
Tgt Ion: 43 Resp: 78871
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.375 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion: 117 Resp: 205400
Ion Ratio Lower Upper
117 100
119 95.5 78.6 117.8
121 30.3 25.3 37.9

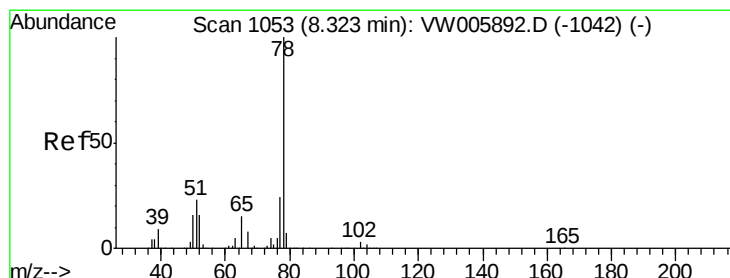
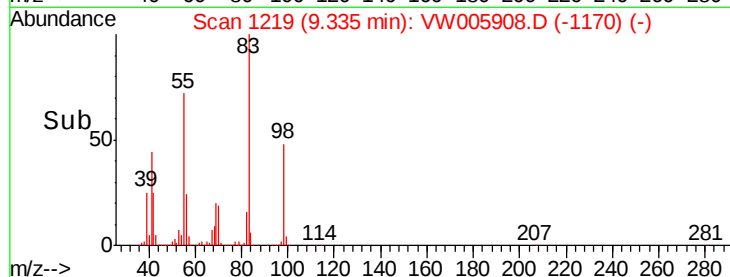
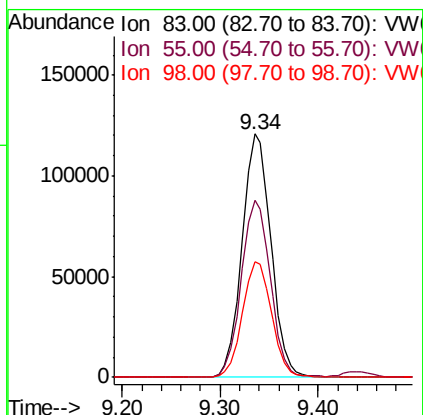
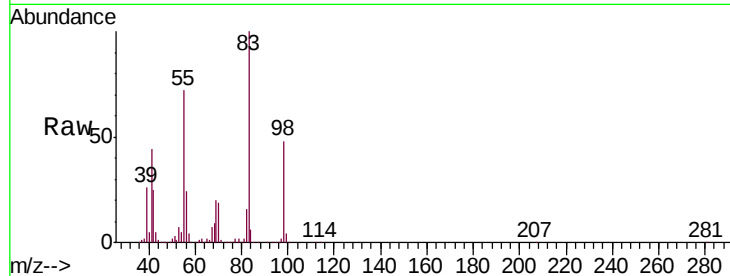




#39
Methylcyclohexane
Concen: 48.537 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

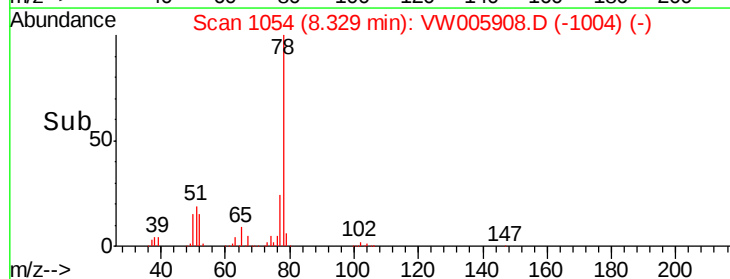
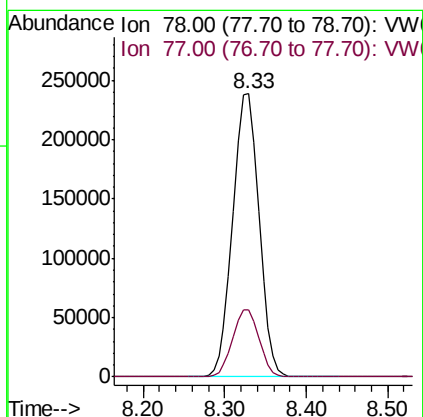
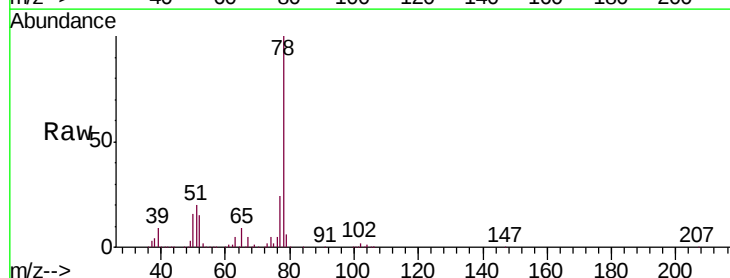
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

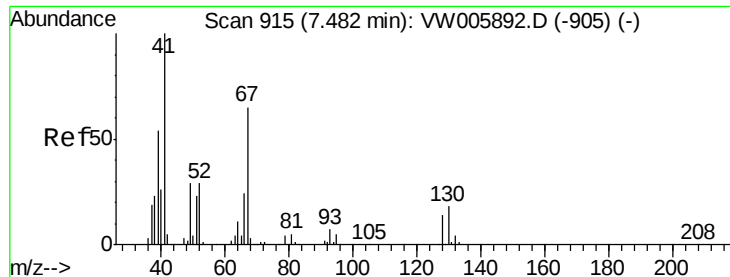
Tgt Ion: 83 Resp: 247881
Ion Ratio Lower Upper
83 100
55 72.4 59.8 89.6
98 47.7 37.1 55.7



#40
Benzene
Concen: 50.159 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion: 78 Resp: 531555
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

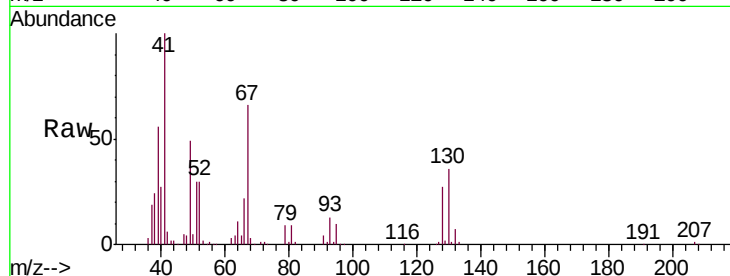




#41
Methacrylonitrile
Concen: 50.367 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	51705
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.0	67.4
67	67.5	55.8	83.8
52	29.2	25.3	37.9



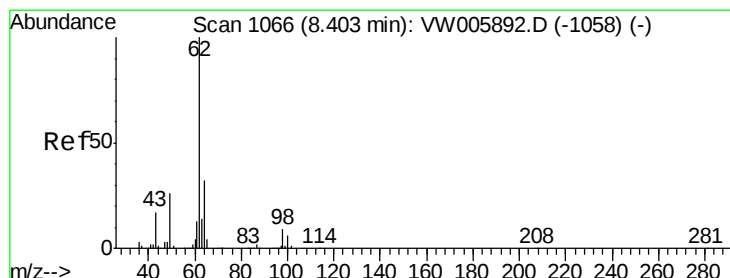
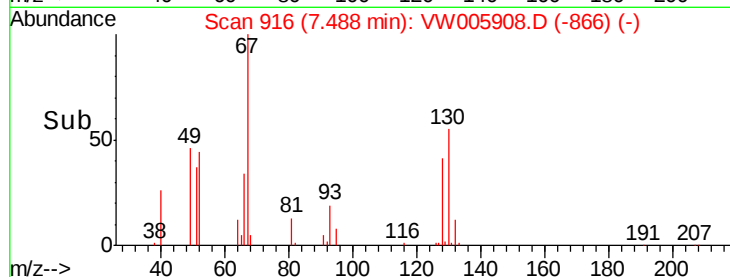
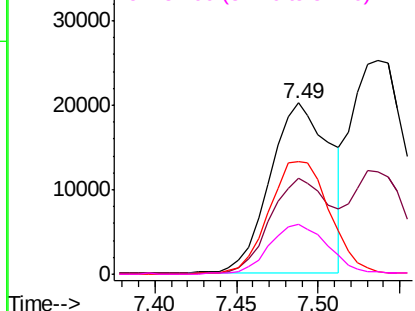
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

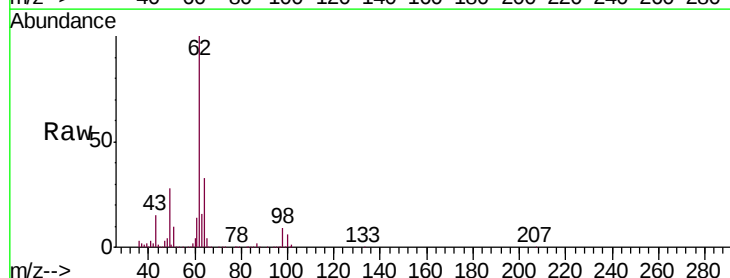
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 49.056 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

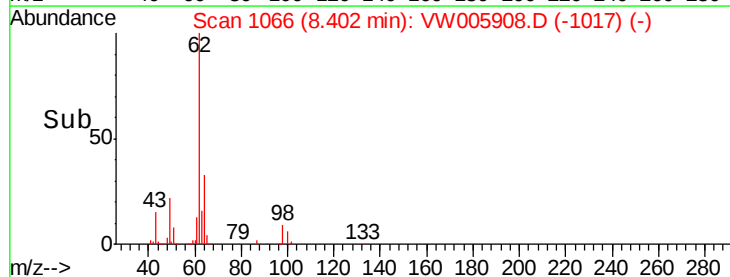
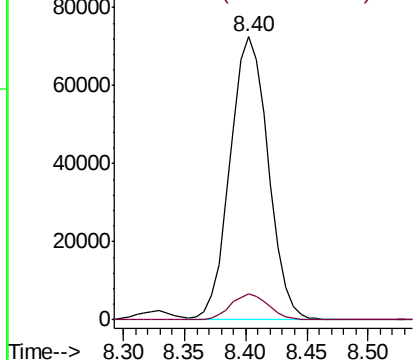
Tgt Ion:	62	Resp:	157061
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

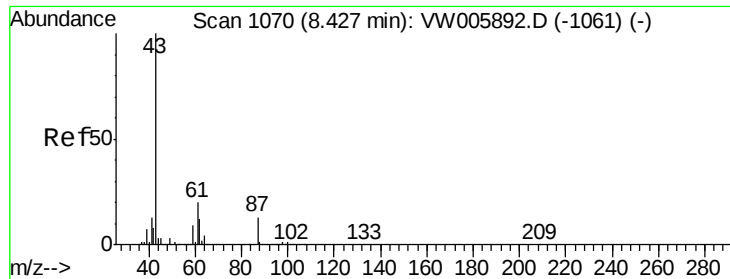


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 48.908 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

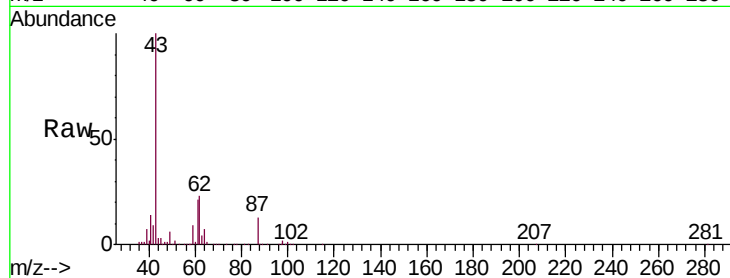
Tgt Ion: 43 Resp: 167518

Ion Ratio Lower Upper

43 100

61 29.5 23.1 34.7

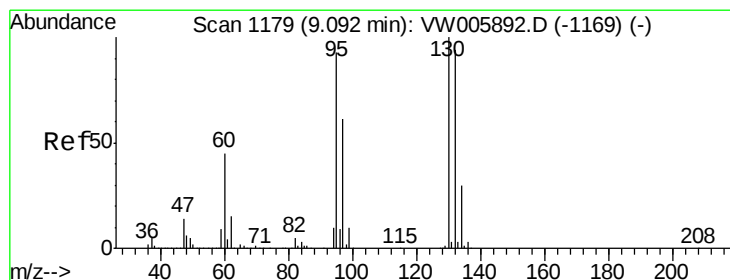
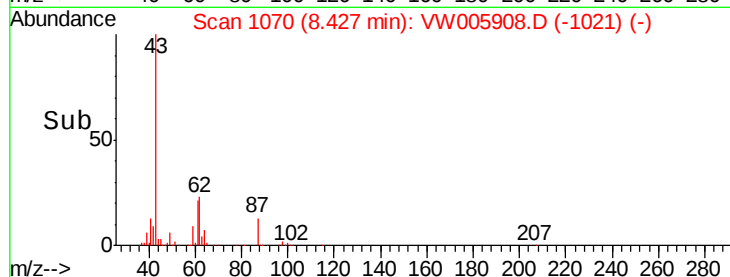
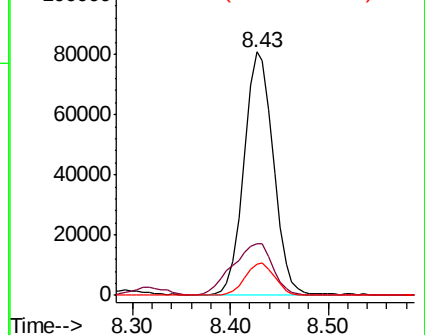
87 13.6 10.7 16.1



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: 51.200 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW005908.D

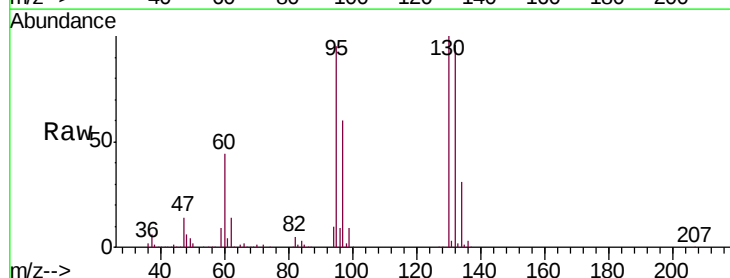
Acq: 08 Oct 2018 21:10

Tgt Ion: 130 Resp: 157430

Ion Ratio Lower Upper

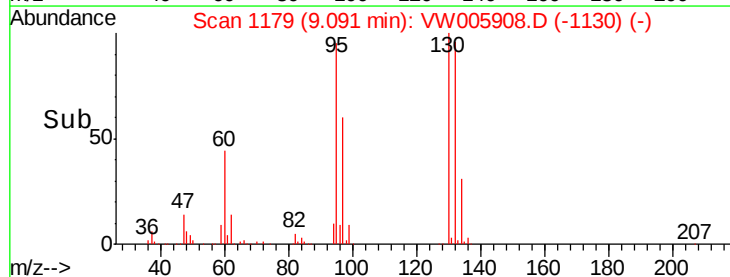
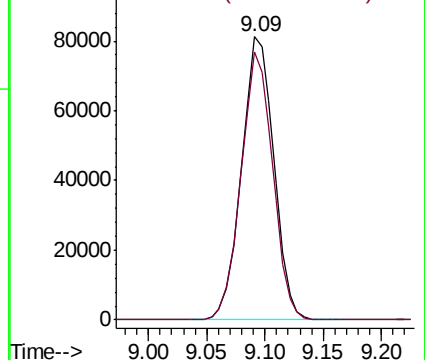
130 100

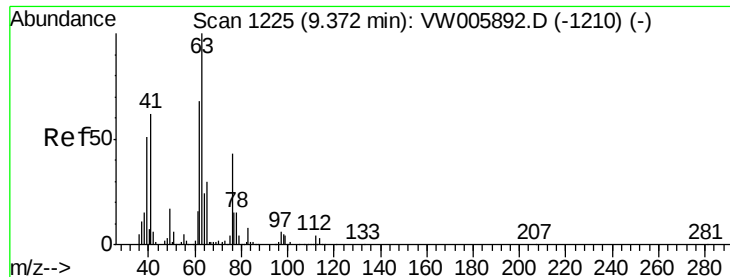
95 94.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.331 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

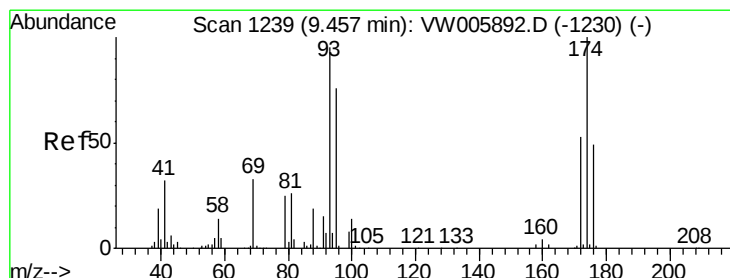
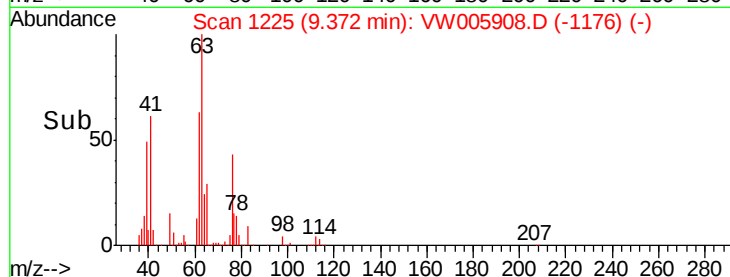
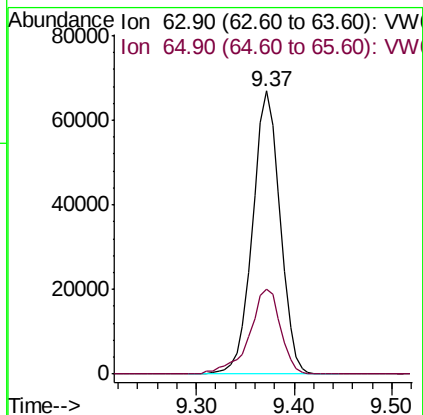
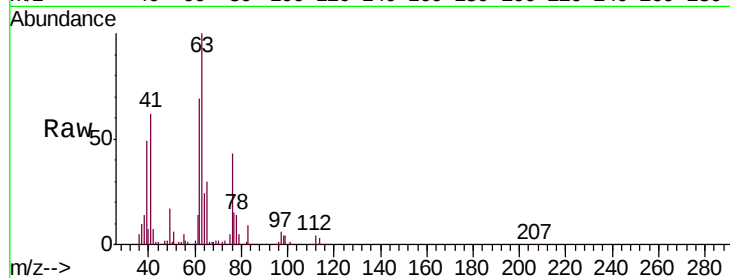
VSTDCCC050EC

Tgt Ion: 63 Resp: 130860

Ion Ratio Lower Upper

63 100

65 29.9 24.3 36.5



#46

Dibromomethane

Concen: 50.577 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

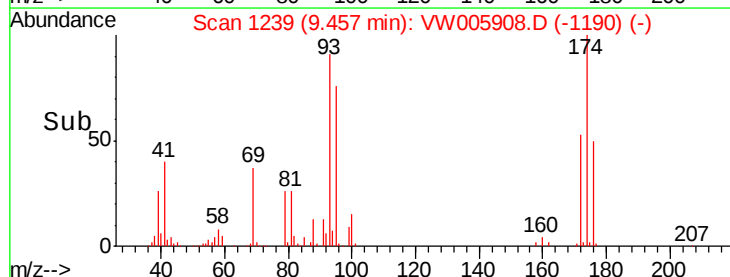
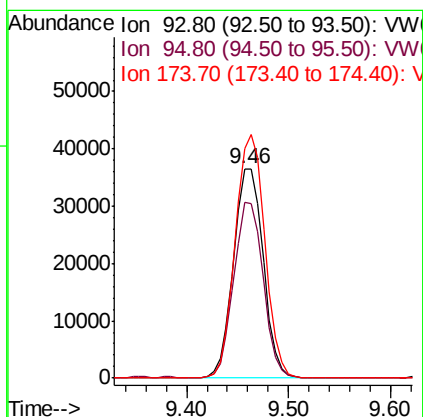
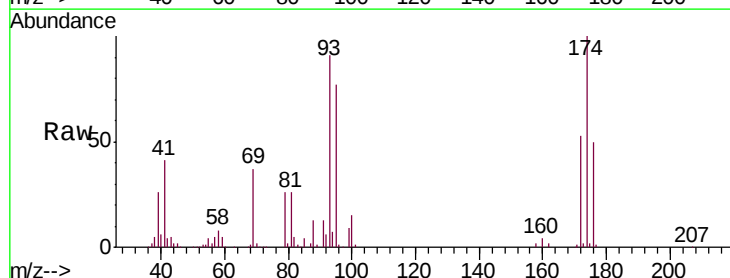
Tgt Ion: 93 Resp: 73737

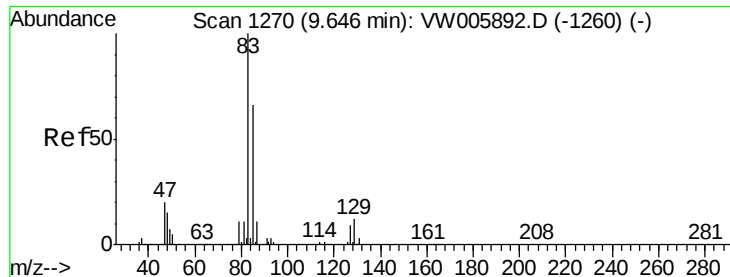
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 115.6 90.4 135.6





#47

Bromodichloromethane

Concen: 49.597 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

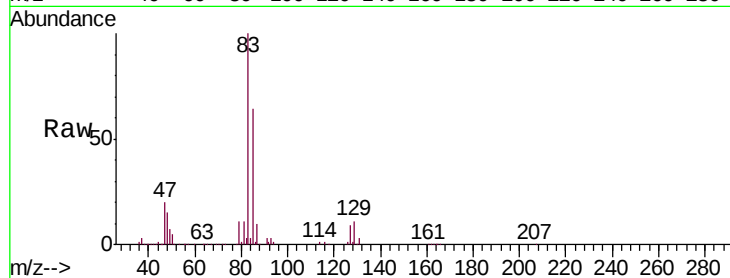
Tgt Ion: 83 Resp: 181958

Ion Ratio Lower Upper

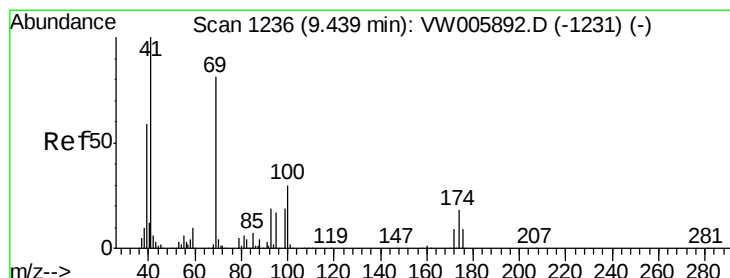
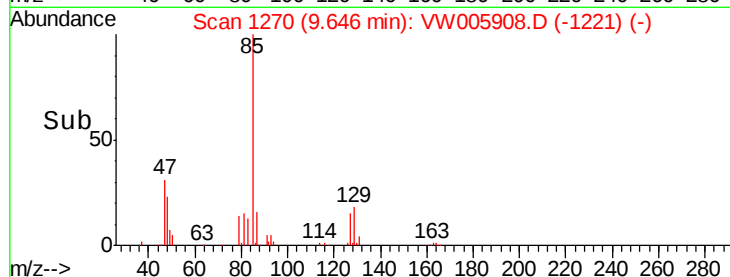
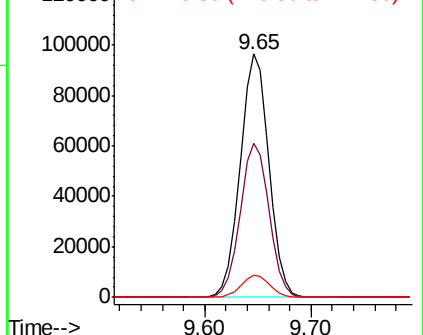
83 100

85 63.5 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): VW



#48

Methyl methacrylate

Concen: 48.869 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

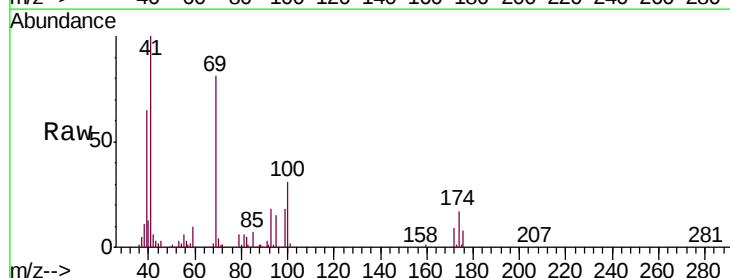
Tgt Ion: 41 Resp: 79738

Ion Ratio Lower Upper

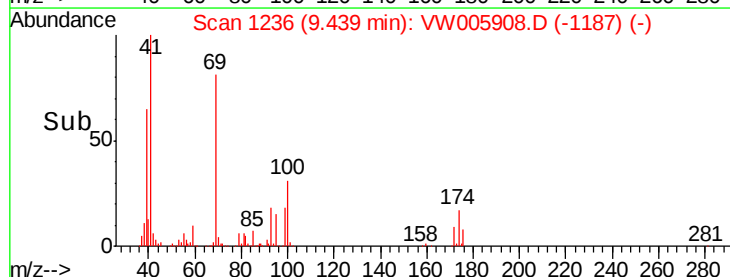
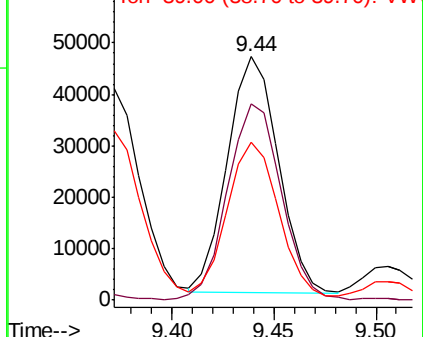
41 100

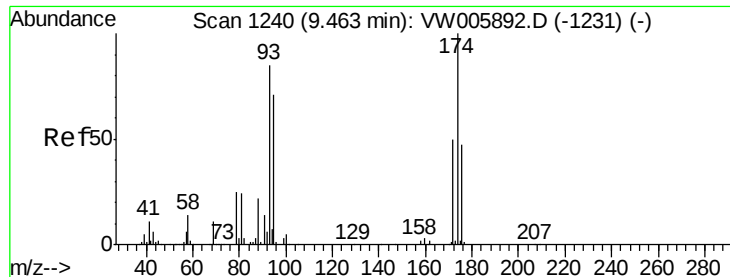
69 87.7 68.7 103.1

39 64.9 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: 1065.822 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

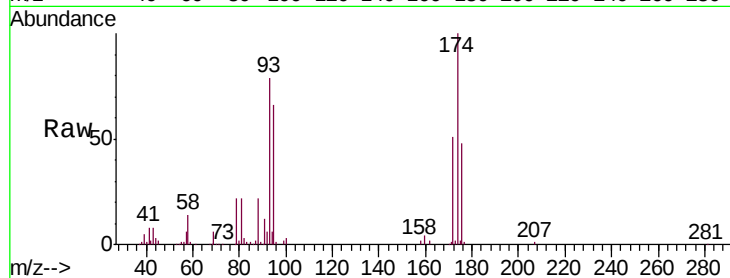
Tgt Ion: 88 Resp: 23603

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

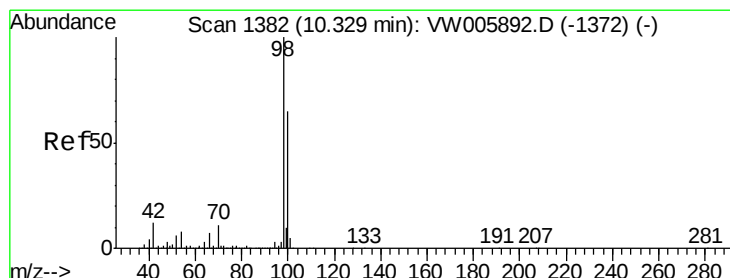
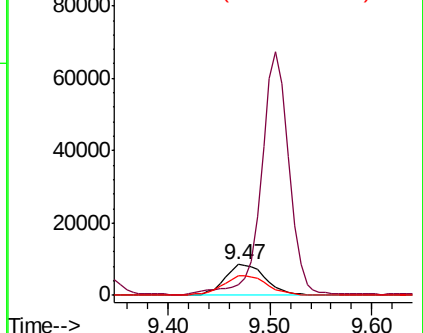
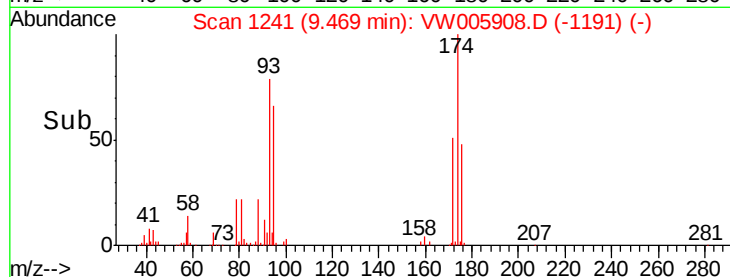
58 69.0 57.7 86.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.803 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005908.D

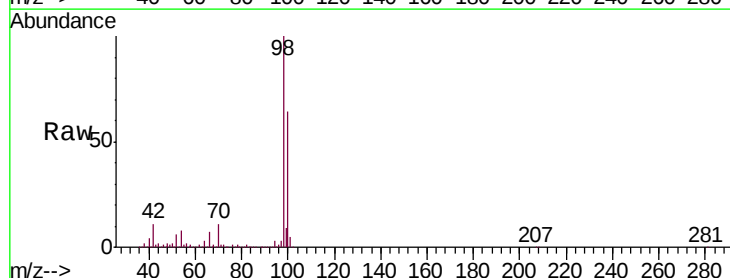
Acq: 08 Oct 2018 21:10

Tgt Ion: 98 Resp: 494358

Ion Ratio Lower Upper

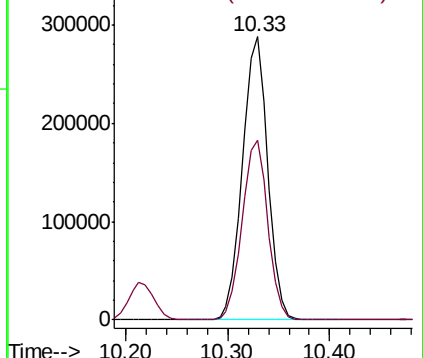
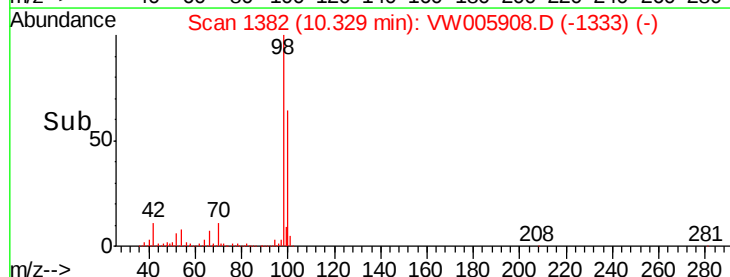
98 100

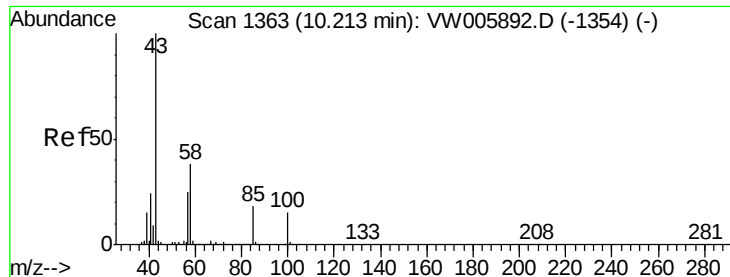
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

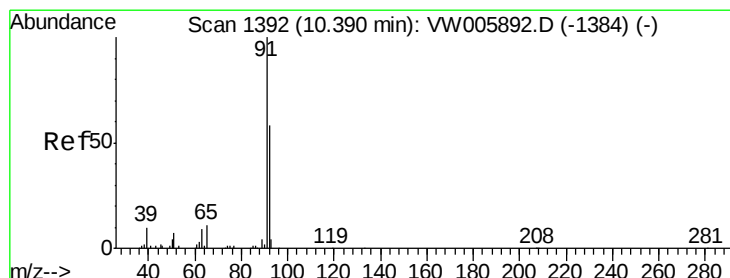
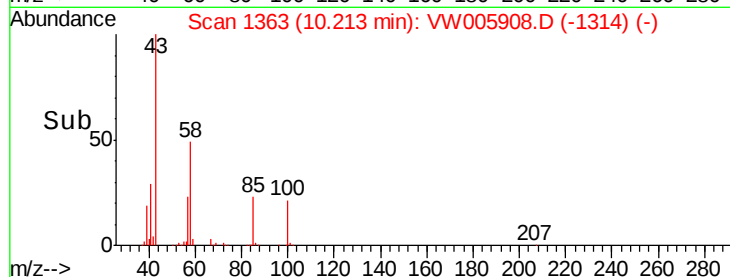
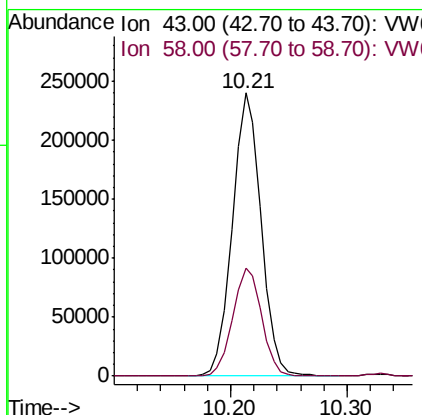
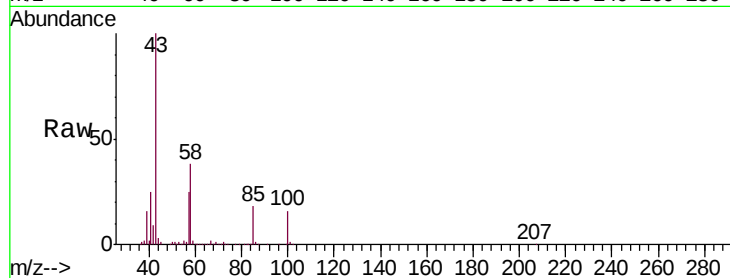




#51
 4-Methyl-2-Pentanone
 Concen: 246.037 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

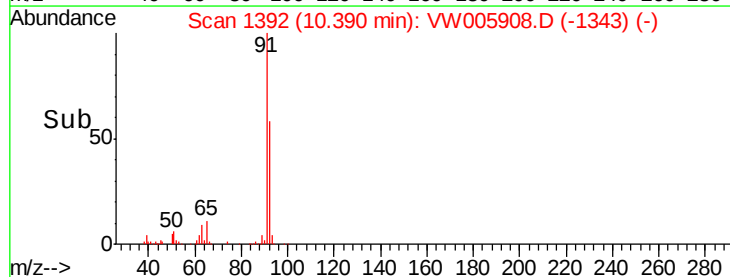
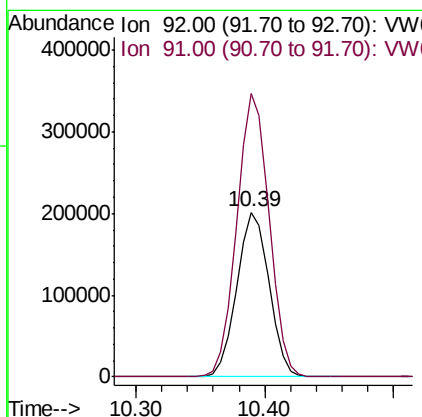
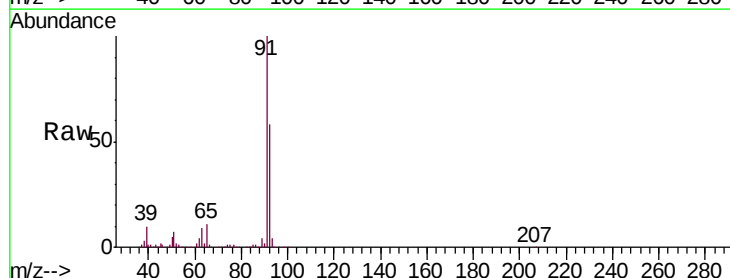
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

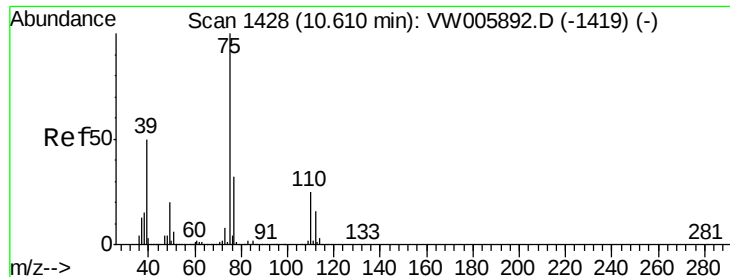
Tgt Ion: 43 Resp: 410372
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.2 45.4



#52
 Toluene
 Concen: 50.000 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion: 92 Resp: 348103
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 48.521 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

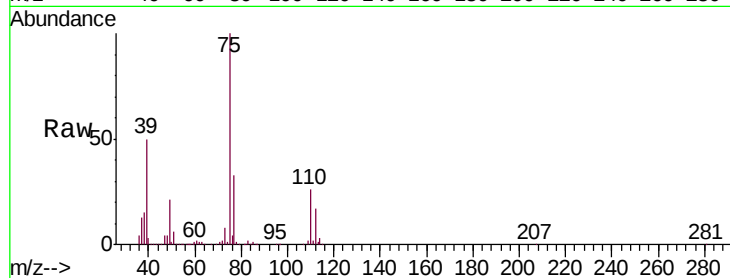
VSTDCCC050EC

Tgt Ion: 75 Resp: 186030

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

120000

100000

80000

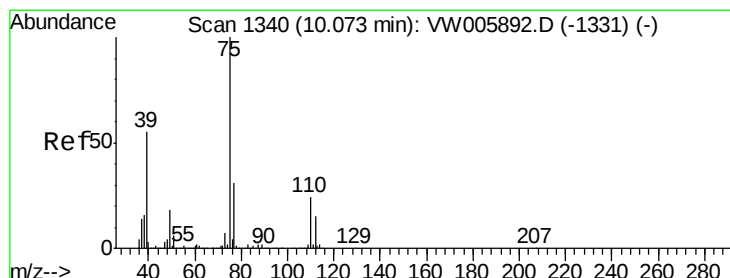
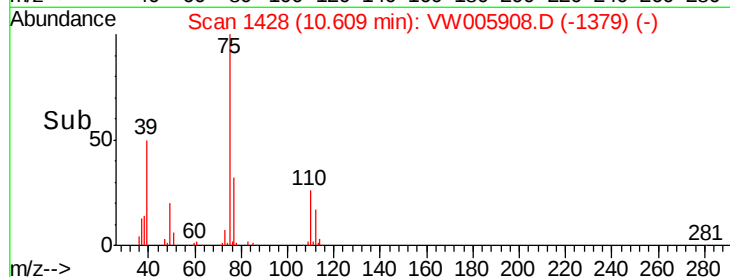
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 48.459 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

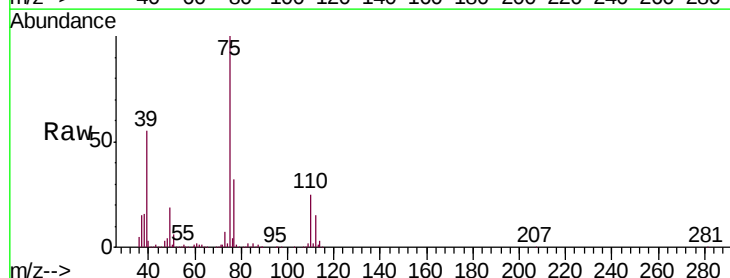
Tgt Ion: 75 Resp: 208850

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 54.9 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

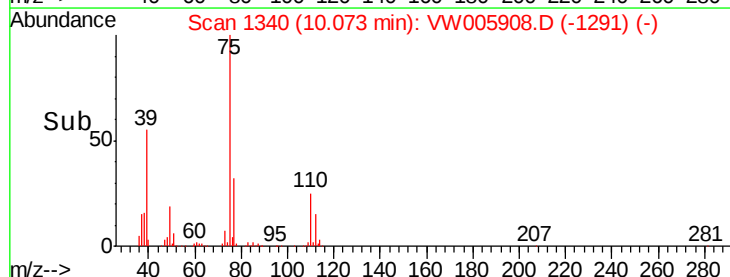
150000

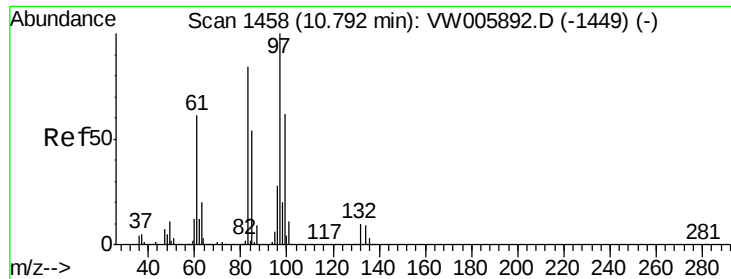
100000

50000

0

Time--> 10.00 10.10

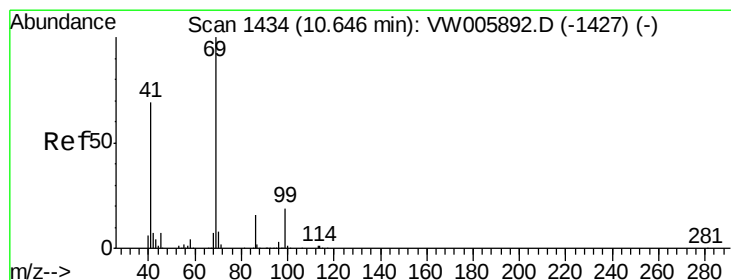
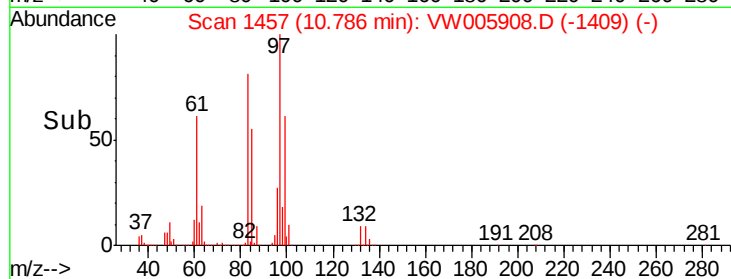
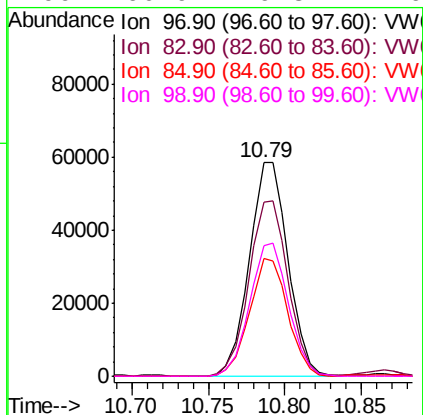
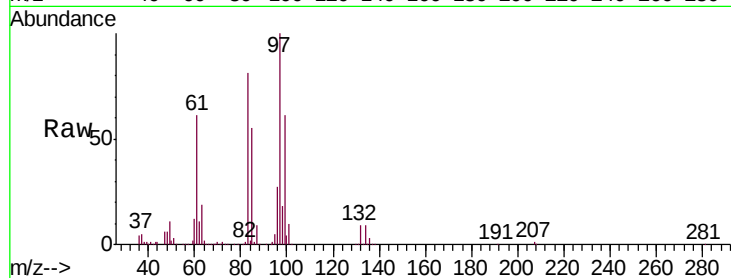




#55
 1,1,2-Trichloroethane
 Concen: 51.014 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

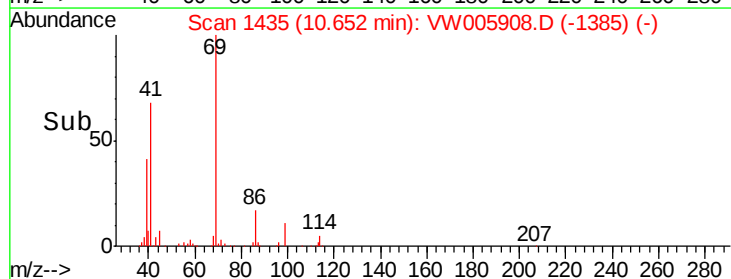
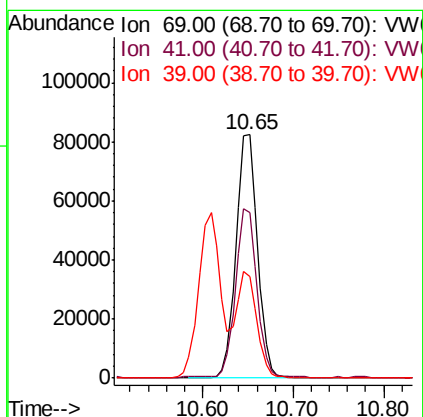
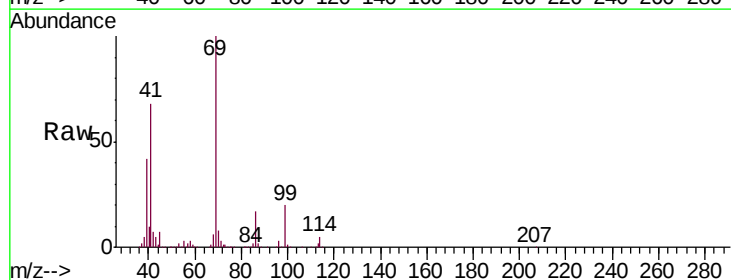
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

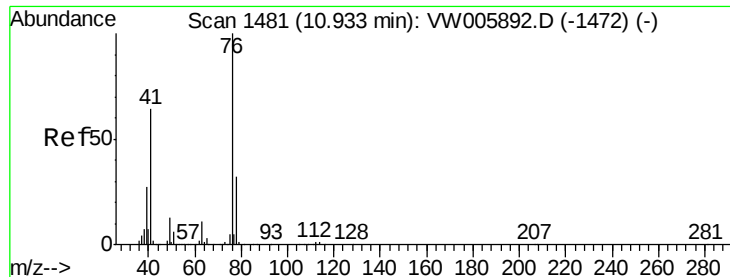
Tgt Ion:	97	Resp:	103015
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.9	100.3
85	55.3	43.4	65.0
99	60.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 49.793 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion:	69	Resp:	135521
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.0	84.0
39	42.4	33.5	50.3





#57

1,3-Dichloropropane

Concen: 50.236 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

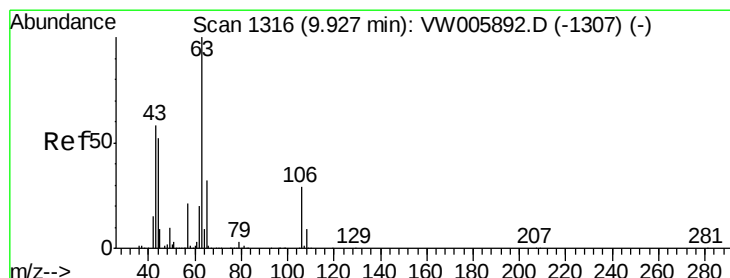
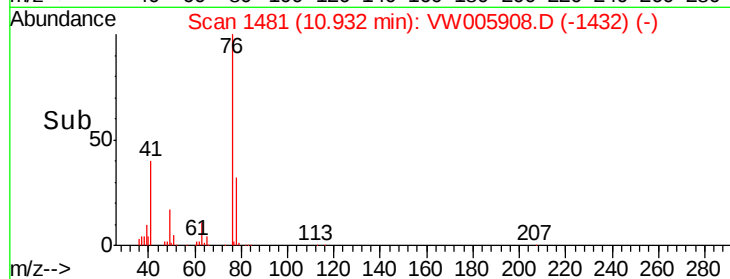
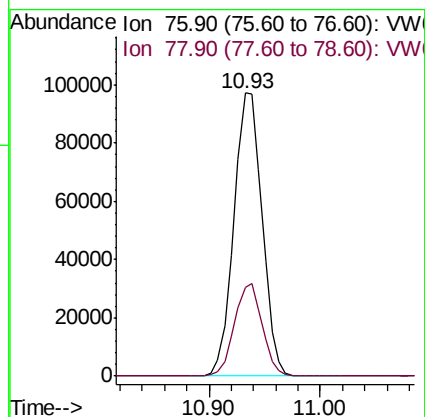
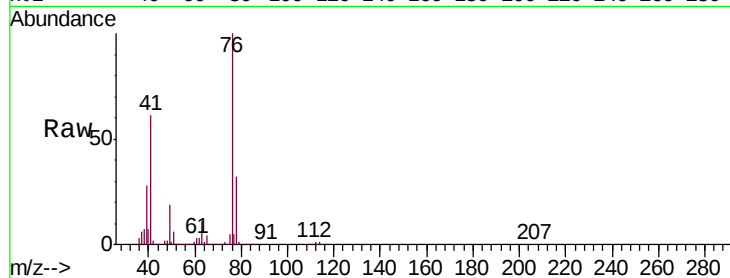
VSTDCCC050EC

Tgt Ion: 76 Resp: 170659

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 236.258 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005908.D

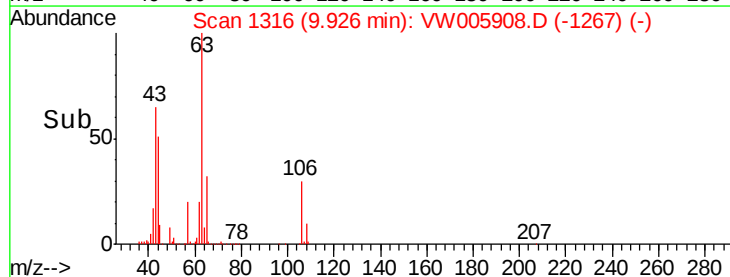
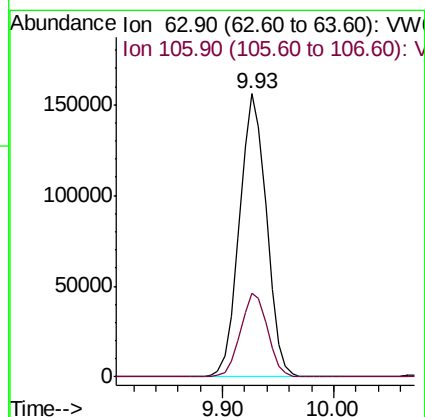
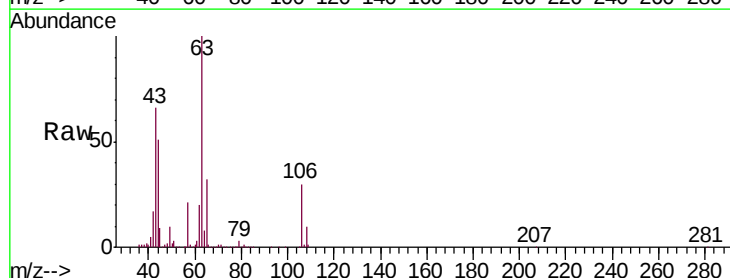
Acq: 08 Oct 2018 21:10

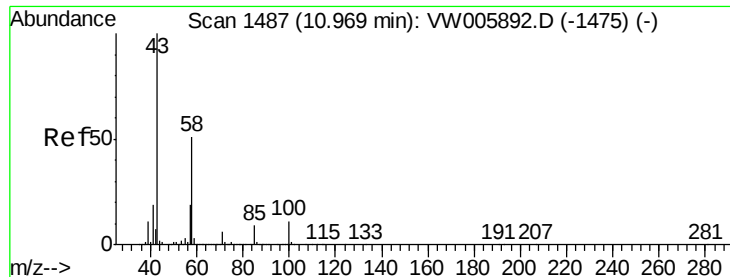
Tgt Ion: 63 Resp: 261640

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4

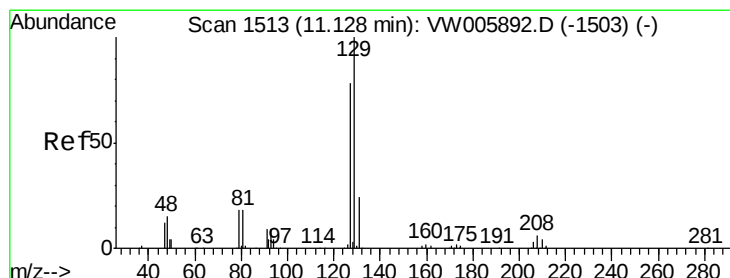
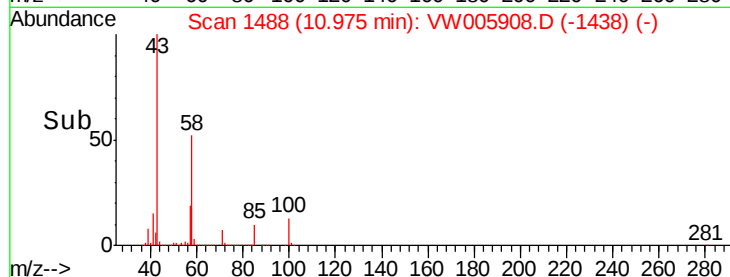
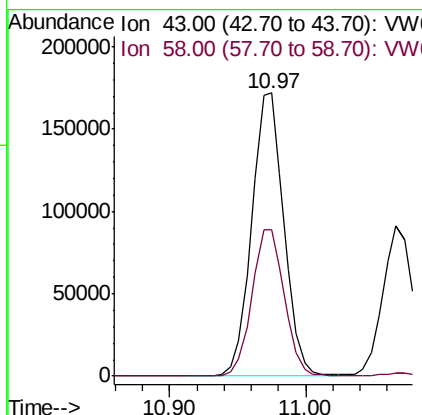
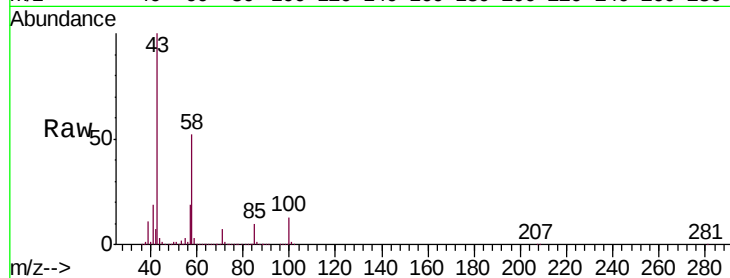




#59
2-Hexanone
Concen: 237.671 ug/l
RT: 10.97 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

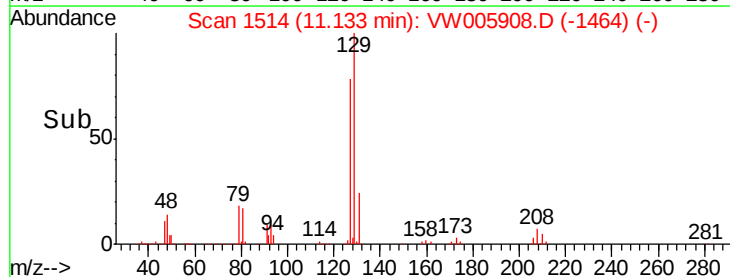
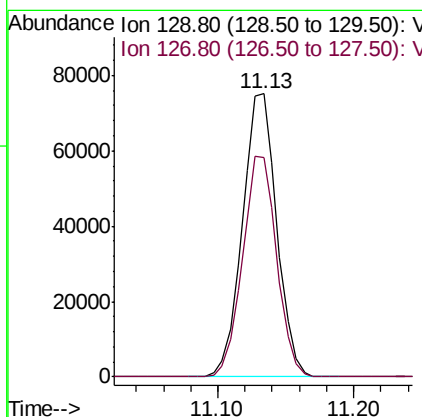
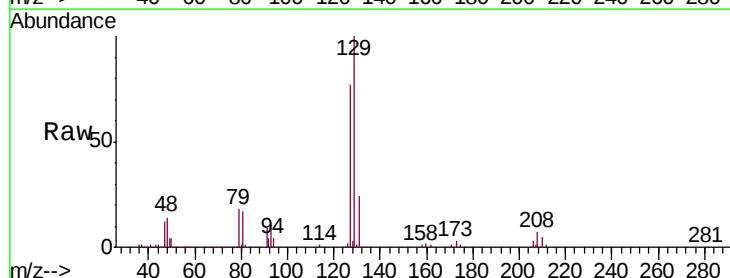
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

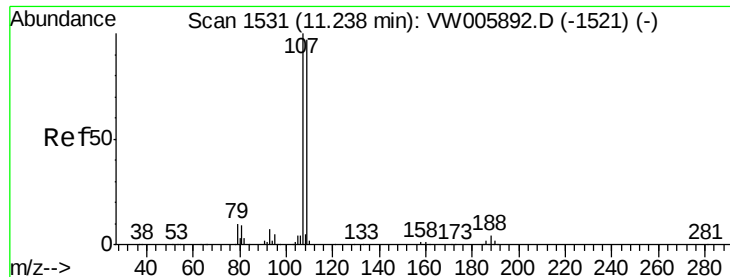
Tgt Ion: 43 Resp: 284239
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.1



#60
Dibromochloromethane
Concen: 50.877 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion: 129 Resp: 132577
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

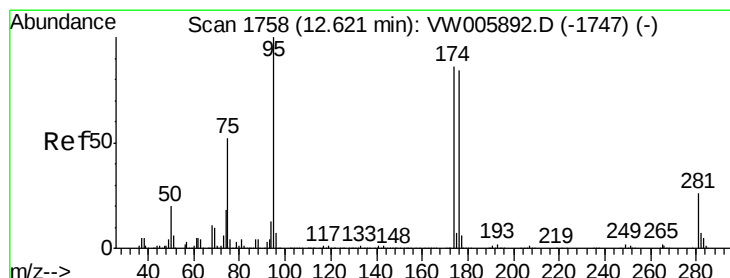
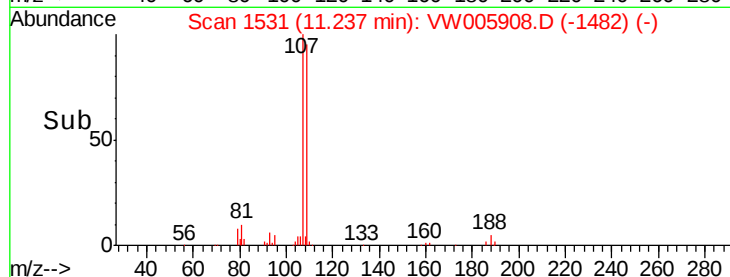
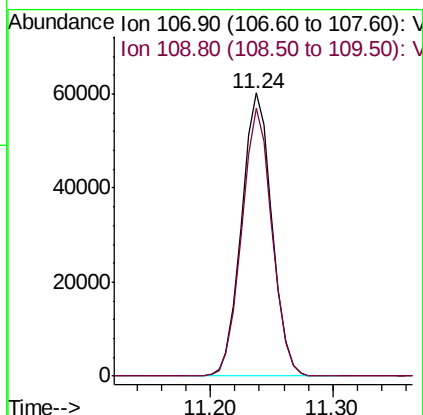
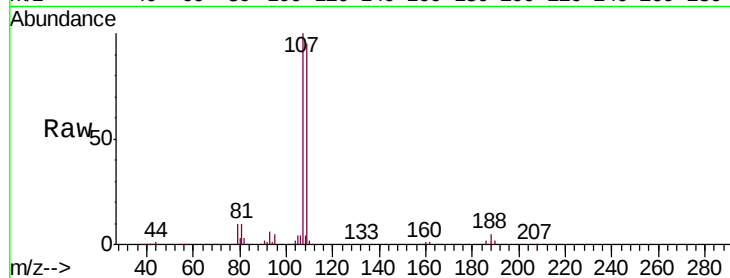




#61
 1,2-Dibromoethane
 Concen: 51.337 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

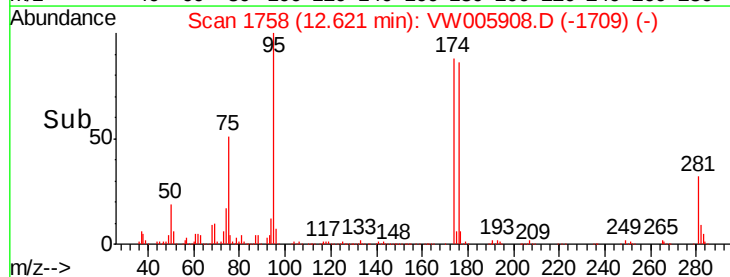
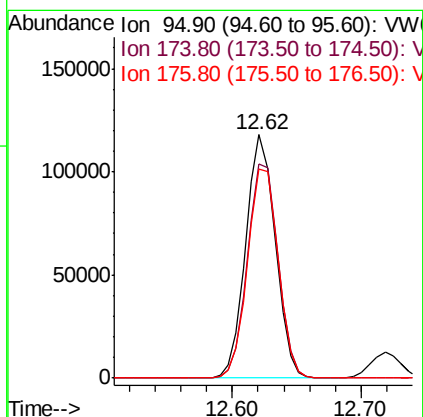
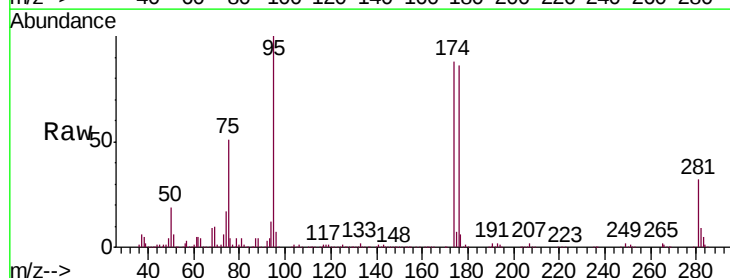
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

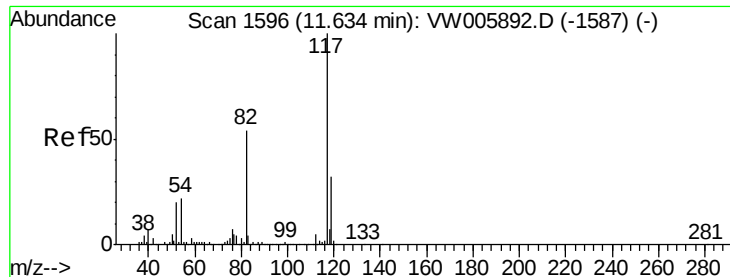
Tgt Ion: 107 Resp: 103591
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.323 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion: 95 Resp: 186273
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 176.4
 176 89.3 0.0 173.0

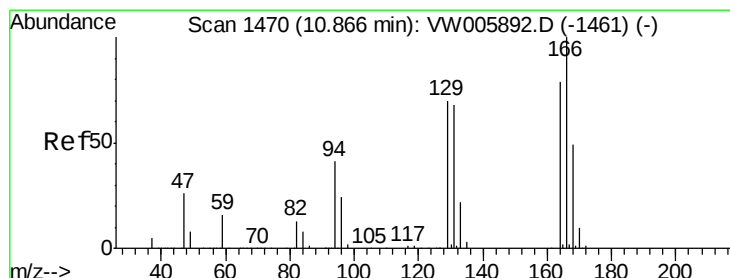
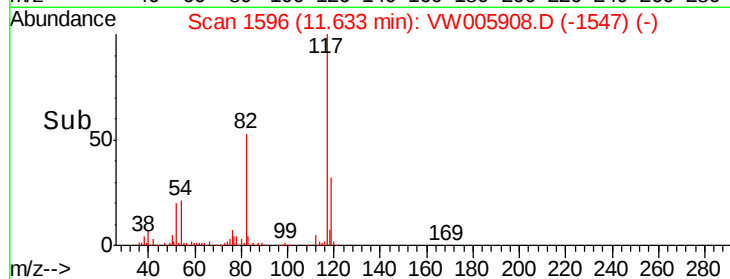
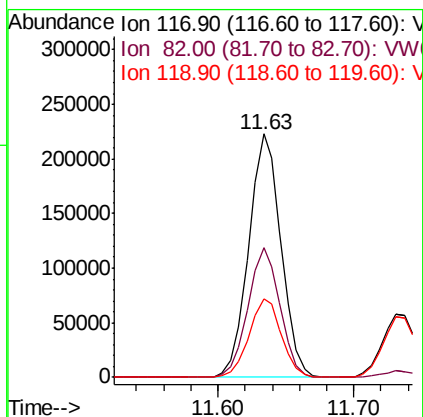
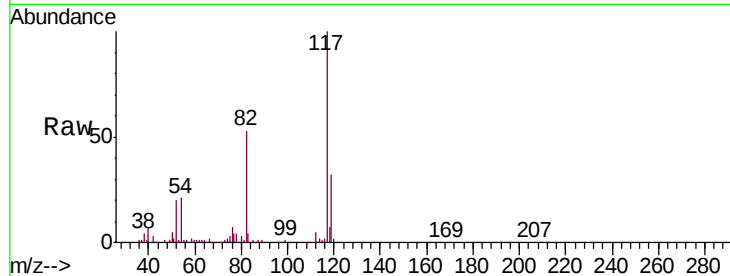




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

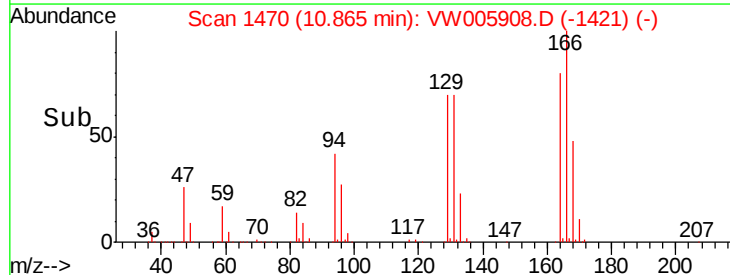
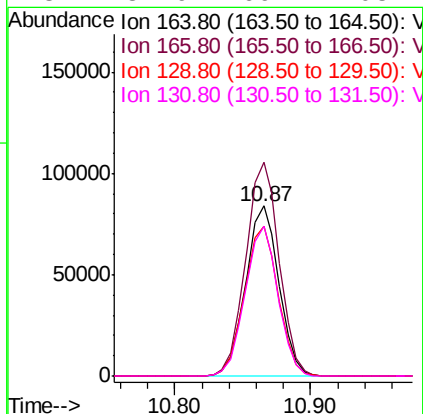
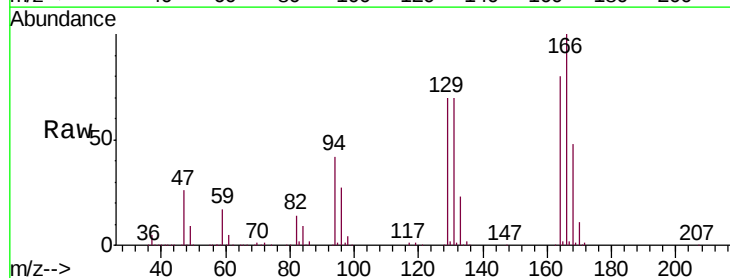
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

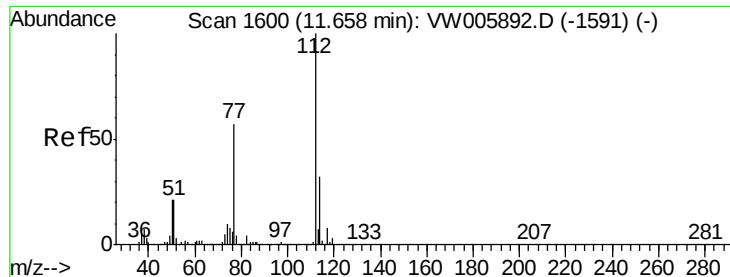
Tgt Ion:	117	Resp:	369677
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.5	65.3
119	32.5	25.4	38.2



#64
Tetrachloroethene
Concen: 52.130 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion:	164	Resp:	143552
Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.5	152.3
129	88.1	71.1	106.7
131	87.9	69.1	103.7

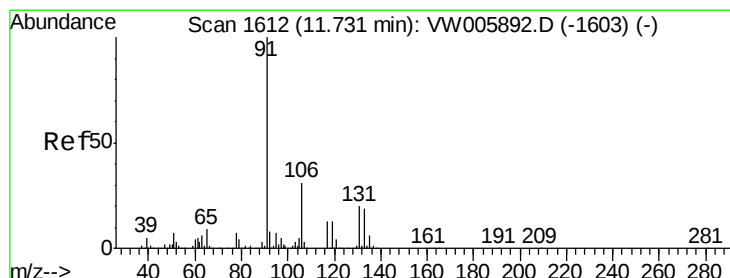
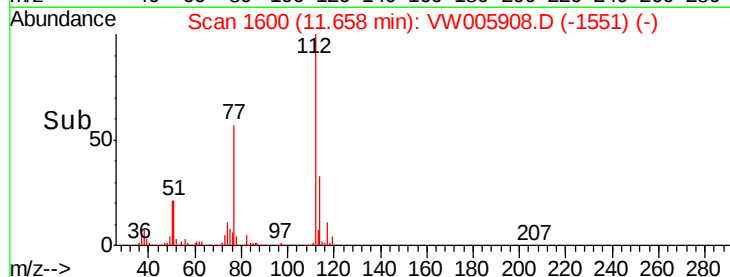
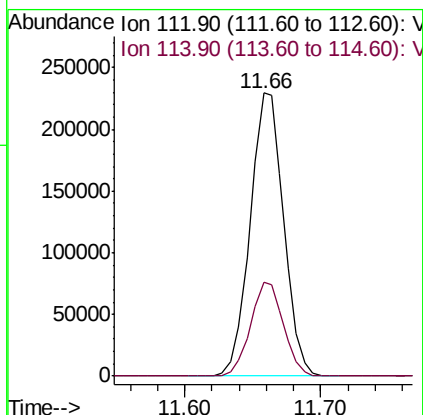
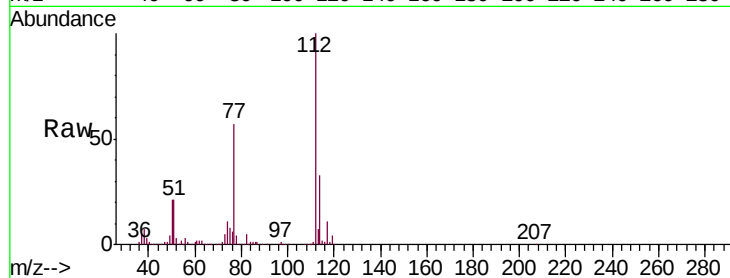




#65
Chlorobenzene
Concen: 50.028 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

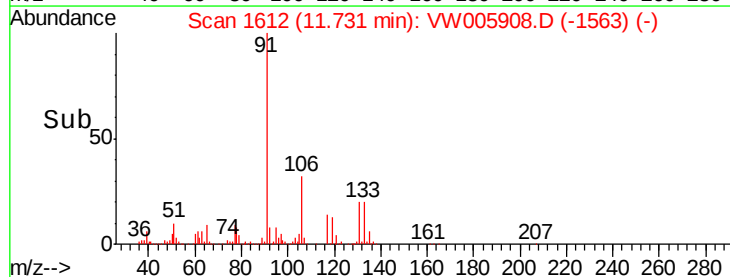
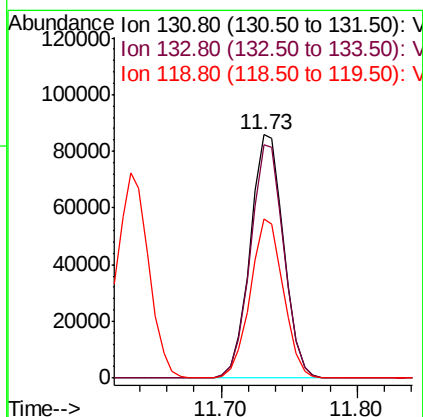
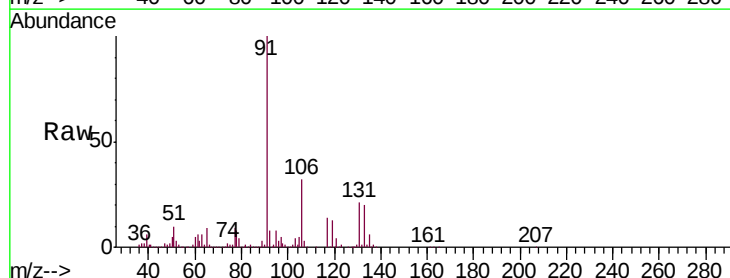
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

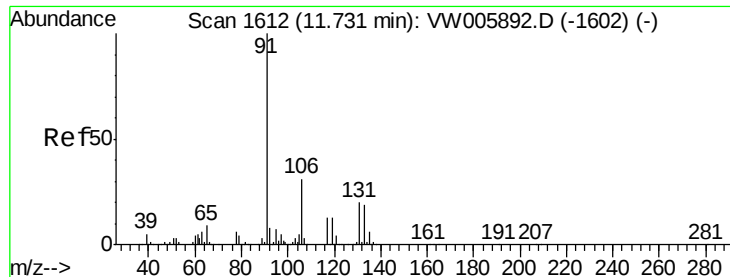
Tgt Ion:112 Resp: 396154
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.916 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion:131 Resp: 147781
Ion Ratio Lower Upper
131 100
133 96.1 48.2 144.6
119 64.8 32.5 97.5

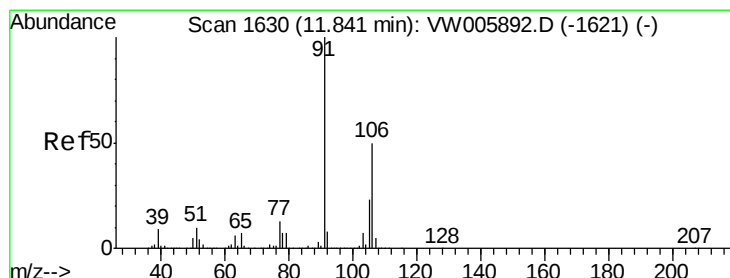
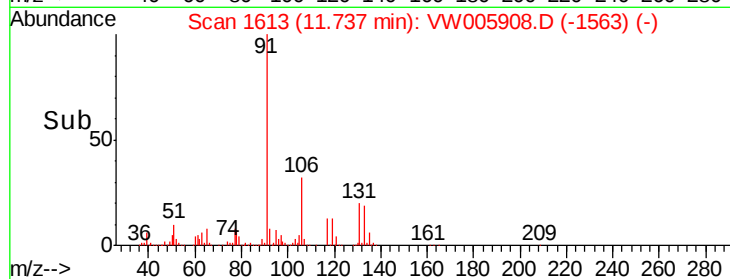
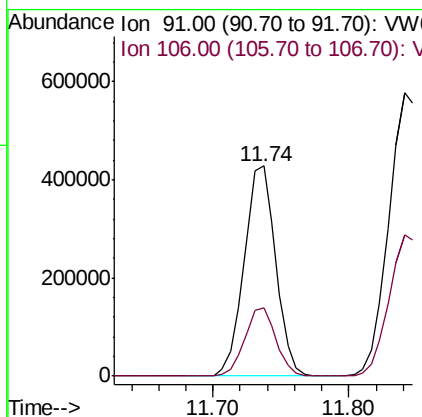
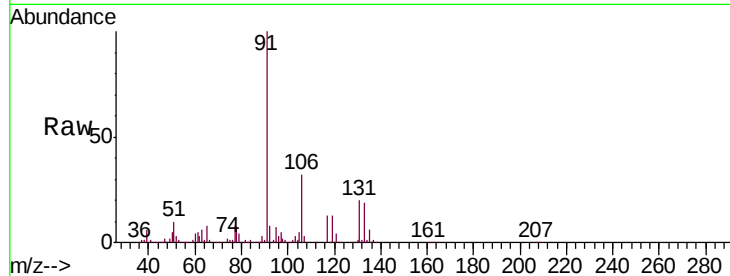




#67
Ethyl Benzene
Concen: 49.797 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

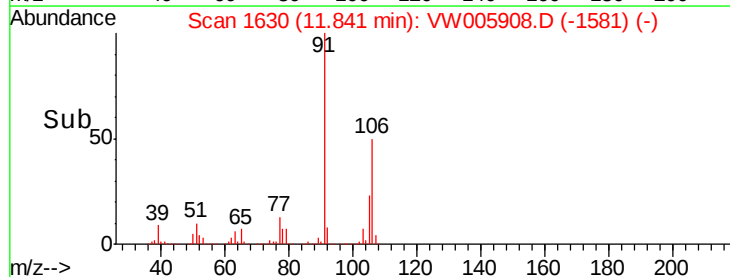
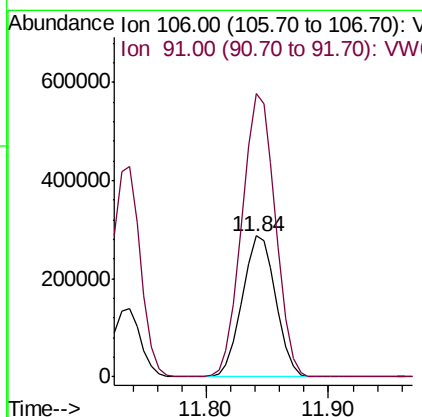
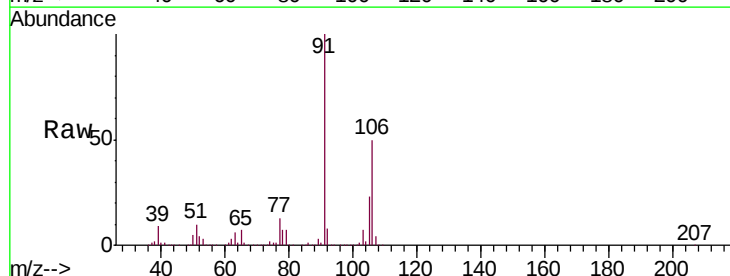
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

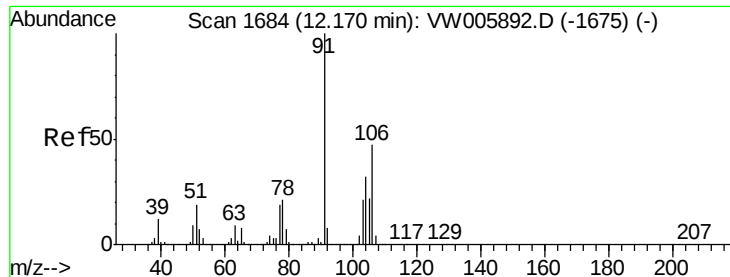
Tgt Ion: 91 Resp: 696489
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6



#68
m/p-Xylenes
Concen: 99.959 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion: 106 Resp: 546365
Ion Ratio Lower Upper
106 100
91 200.2 160.2 240.2

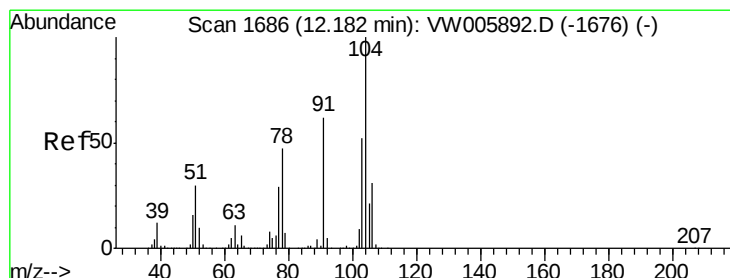
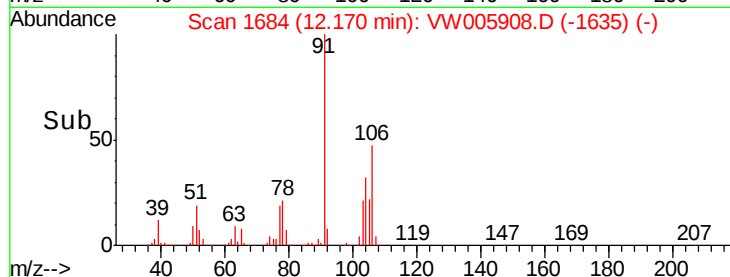
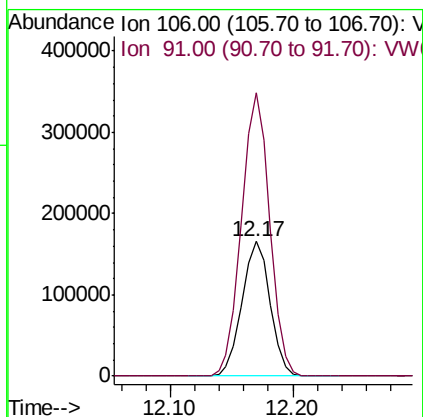
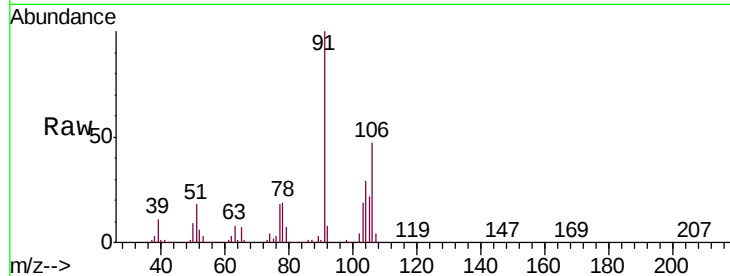




#69
o-Xylene
Concen: 50.625 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

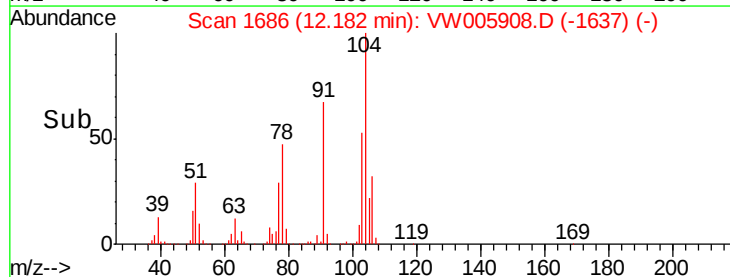
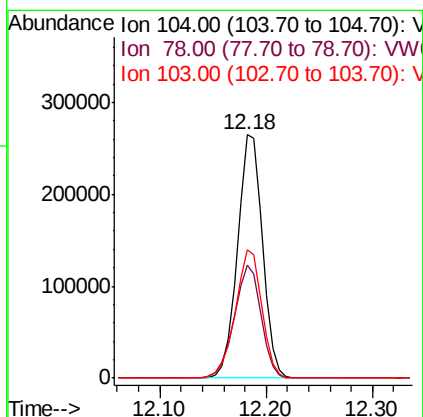
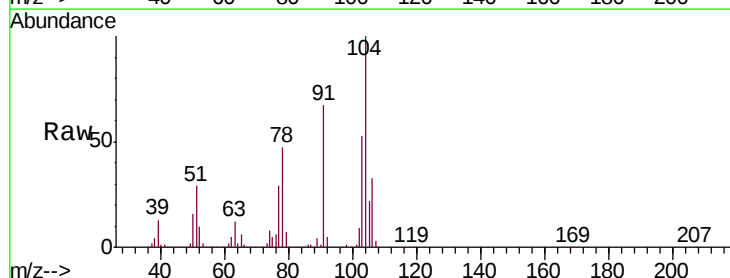
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

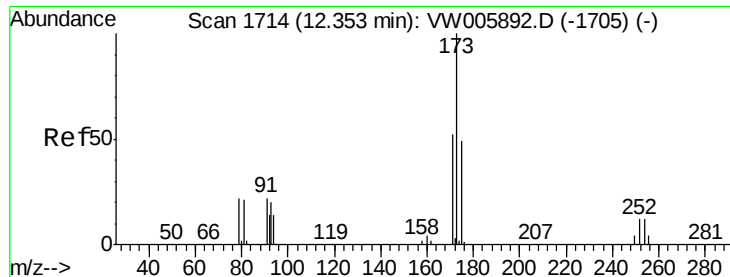
Tgt Ion:106 Resp: 264911
Ion Ratio Lower Upper
106 100
91 210.6 106.2 318.5



#70
Styrene
Concen: 50.373 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion:104 Resp: 437345
Ion Ratio Lower Upper
104 100
78 49.8 40.4 60.6
103 55.8 44.2 66.2





#71

Bromoform

Concen: 51.020 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

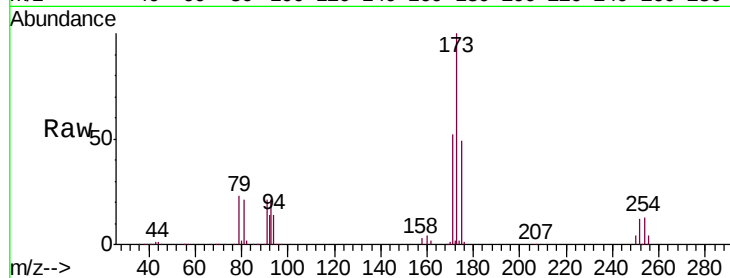
Tgt Ion:173 Resp: 88209

Ion Ratio Lower Upper

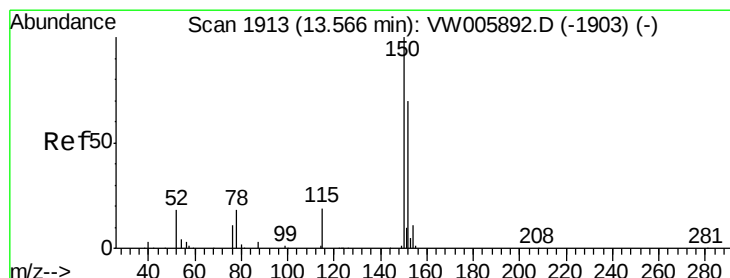
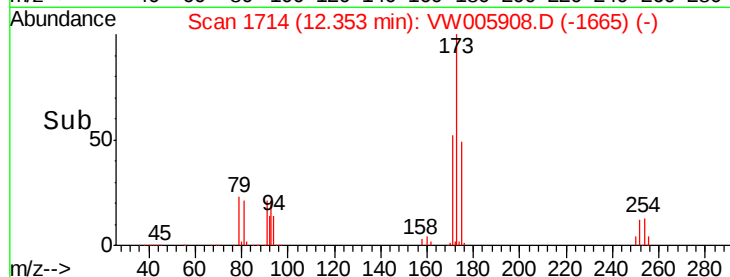
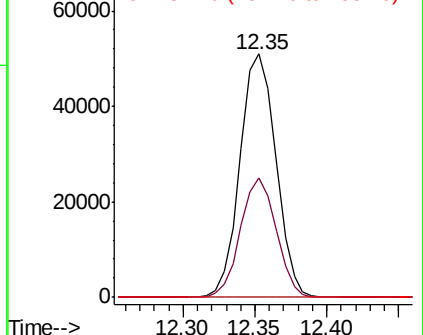
173 100

175 48.8 24.7 74.1

254 0.1 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: VW005908.D

Acq: 08 Oct 2018 21:10

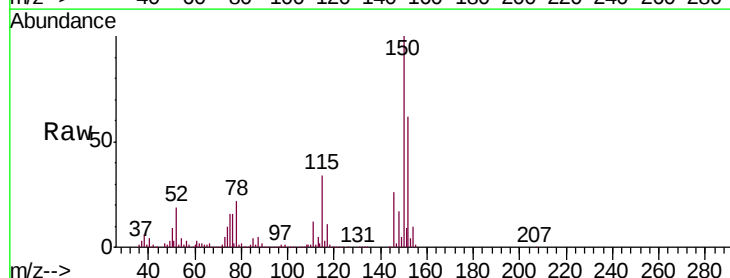
Tgt Ion:152 Resp: 208348

Ion Ratio Lower Upper

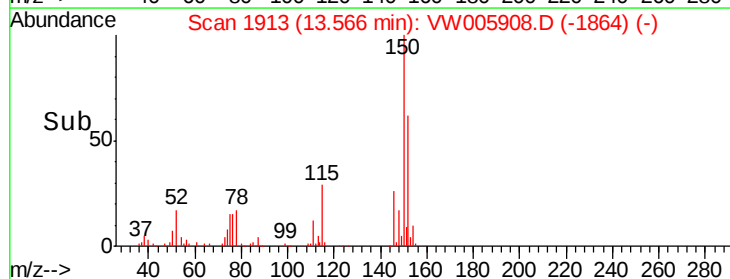
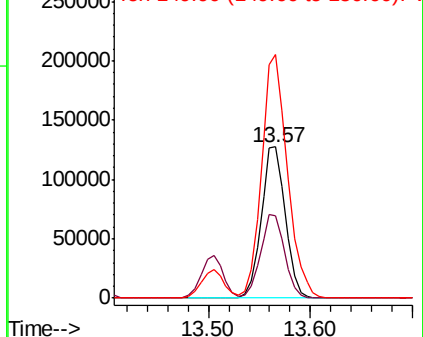
152 100

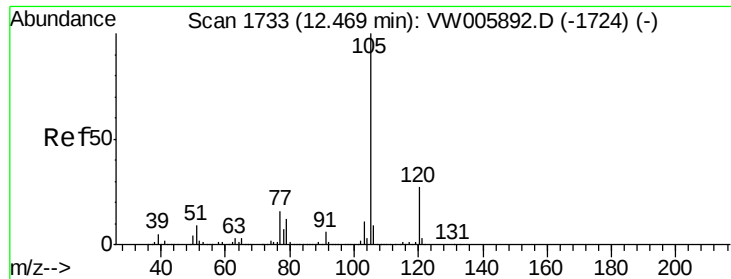
115 55.4 28.3 85.0

150 173.5 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: 47.933 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

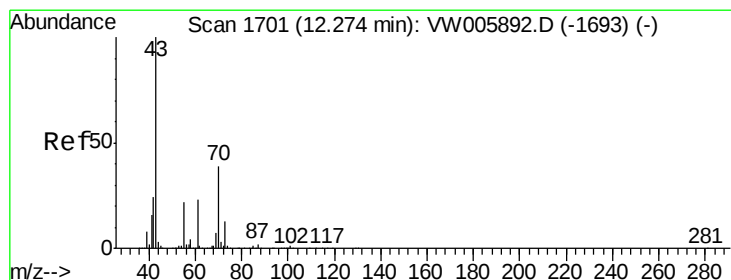
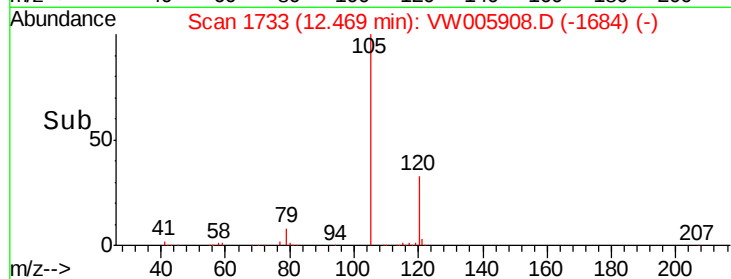
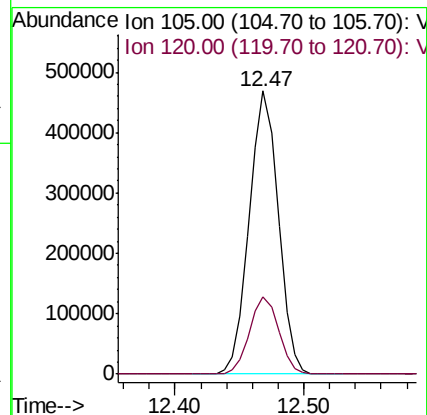
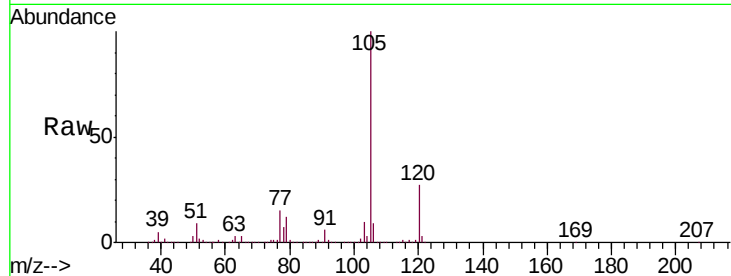
VSTDCCC050EC

Tgt Ion:105 Resp: 729353

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 46.760 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Tgt Ion: 43 Resp: 168978

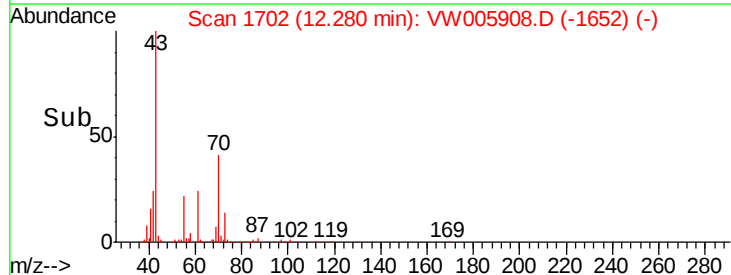
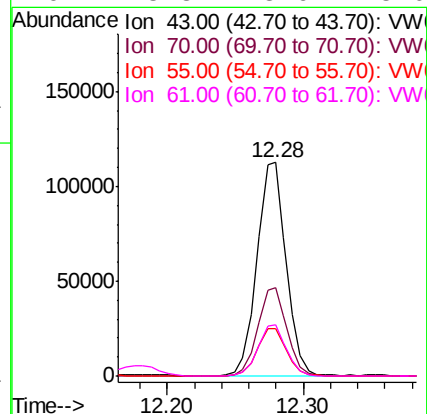
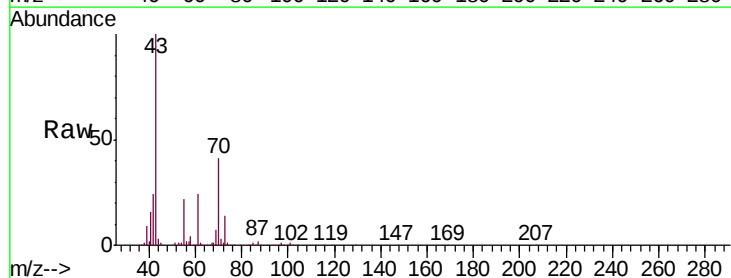
Ion Ratio Lower Upper

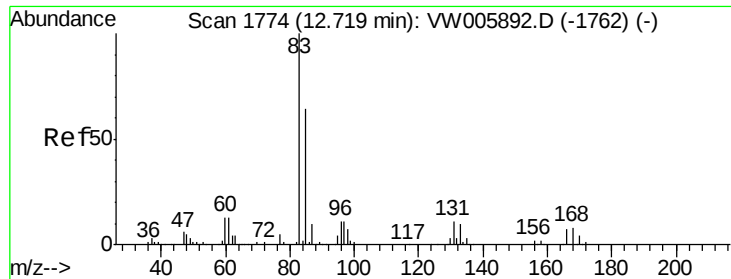
43 100

70 41.4 31.6 47.4

55 22.4 17.9 26.9

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.666 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

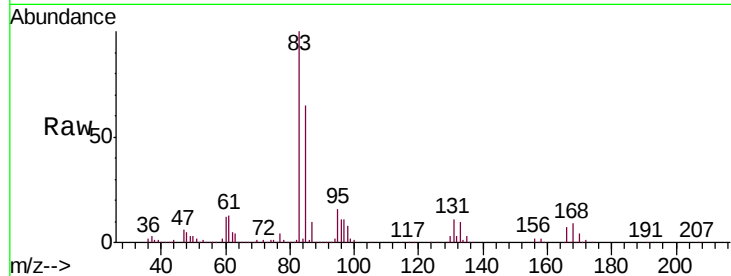
Tgt Ion: 83 Resp: 121373

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.3

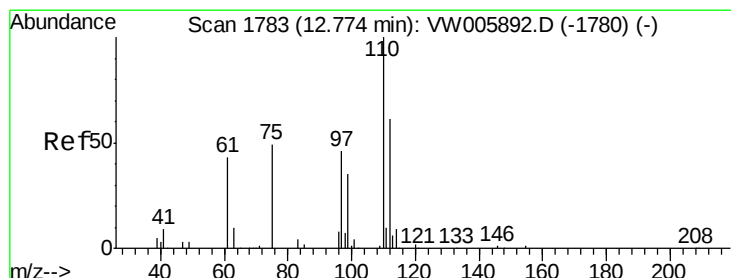
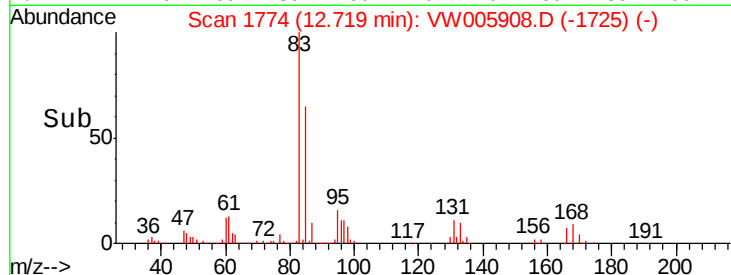
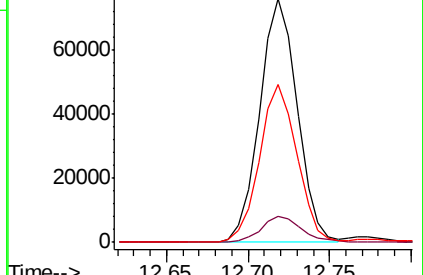
85 64.8 32.4 97.0



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: 87.618 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005908.D

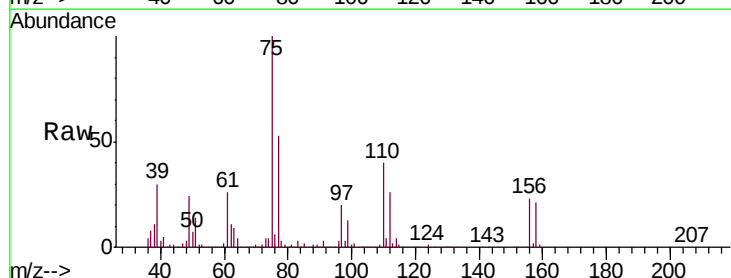
Acq: 08 Oct 2018 21:10

Tgt Ion: 75 Resp: 163067

Ion Ratio Lower Upper

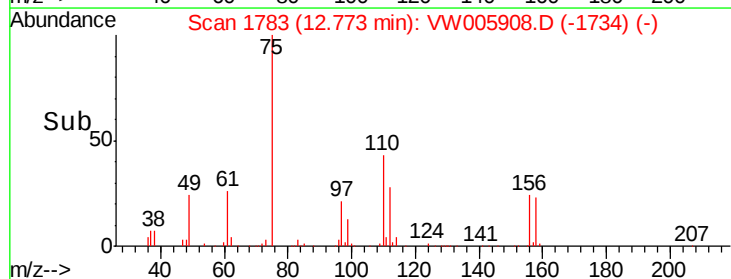
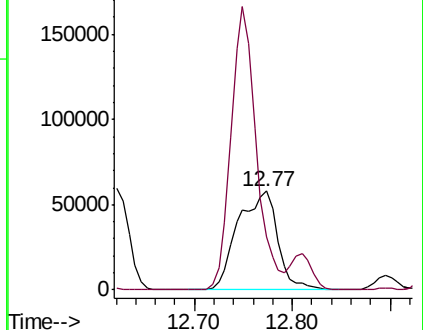
75 100

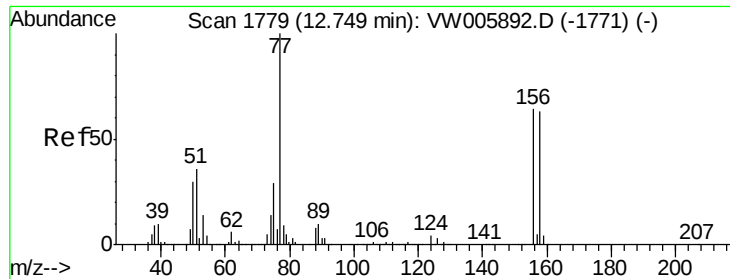
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.074 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

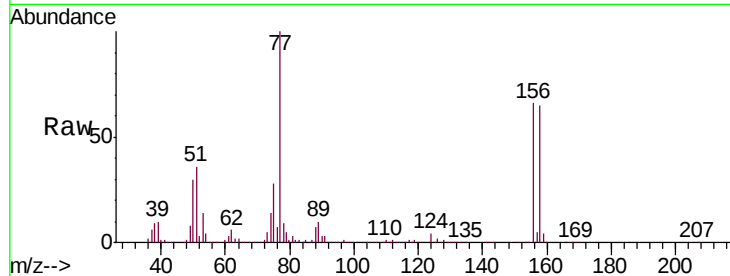
Tgt Ion:156 Resp: 180514

Ion Ratio Lower Upper

156 100

77 165.6 85.8 257.4

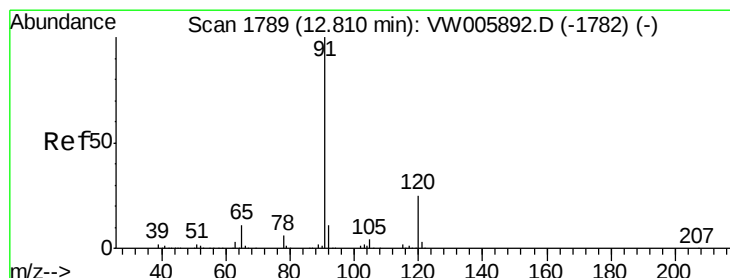
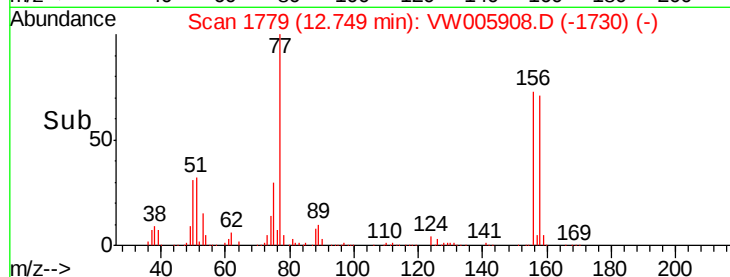
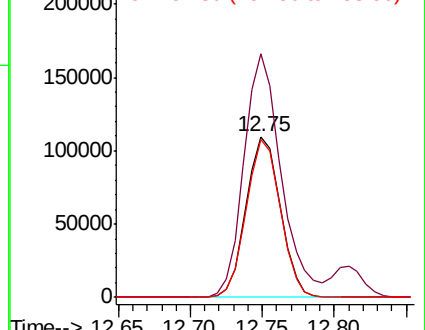
158 97.3 49.1 147.4



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: 47.762 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005908.D

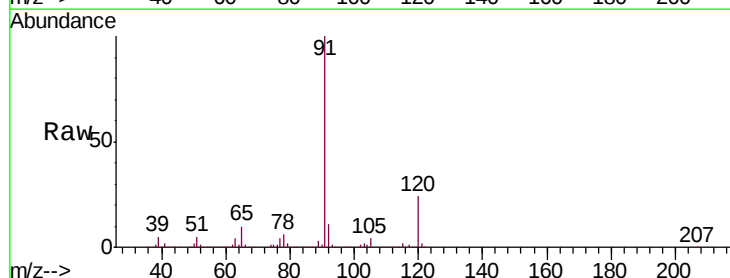
Acq: 08 Oct 2018 21:10

Tgt Ion: 91 Resp: 854892

Ion Ratio Lower Upper

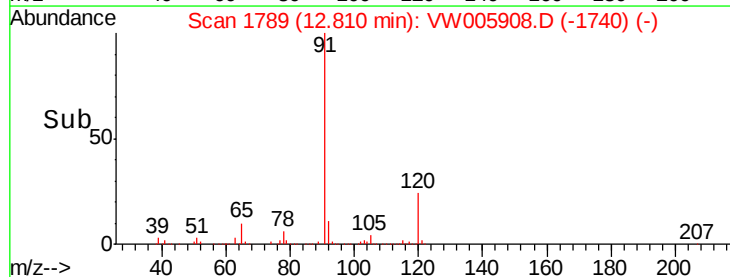
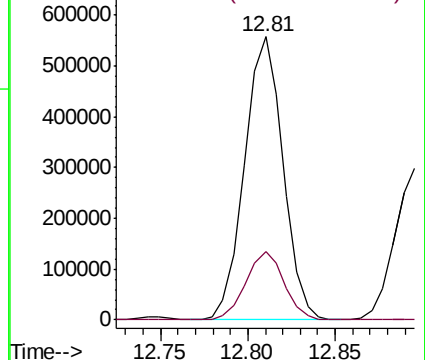
91 100

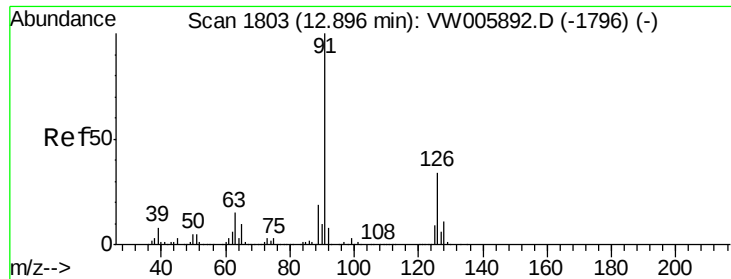
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.011 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

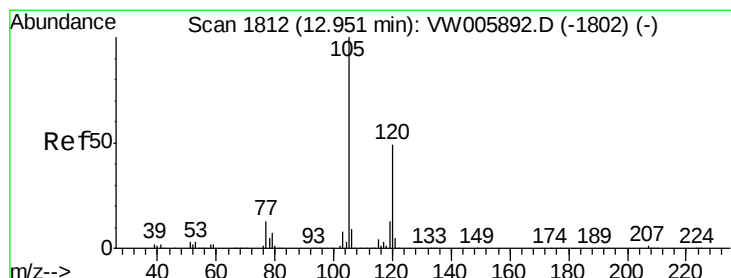
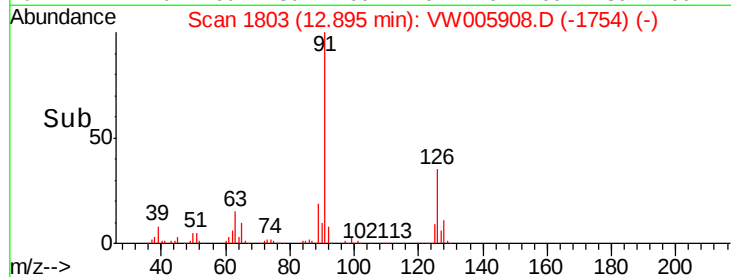
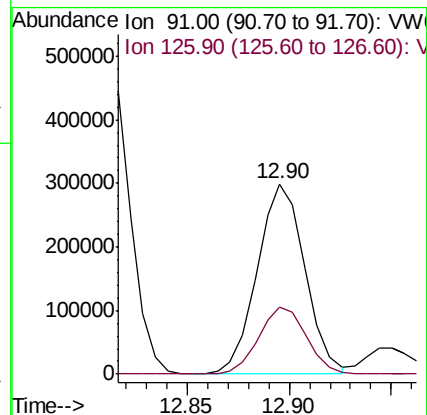
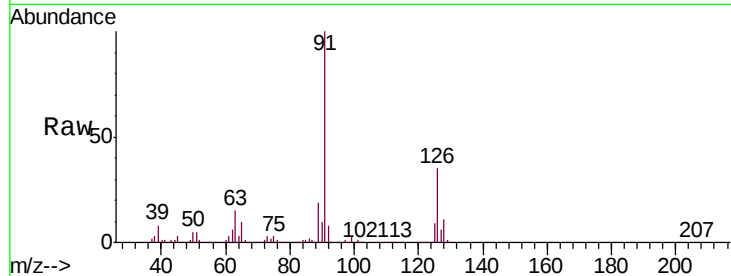
VSTDCCC050EC

Tgt Ion: 91 Resp: 485108

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 48.191 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005908.D

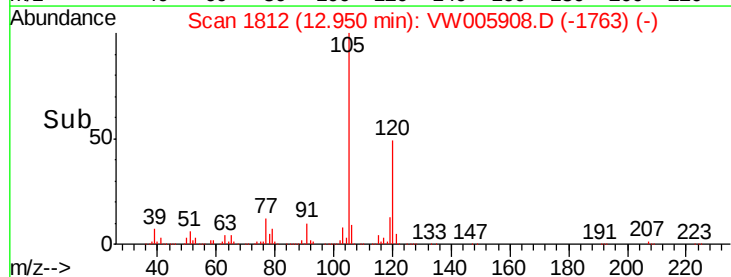
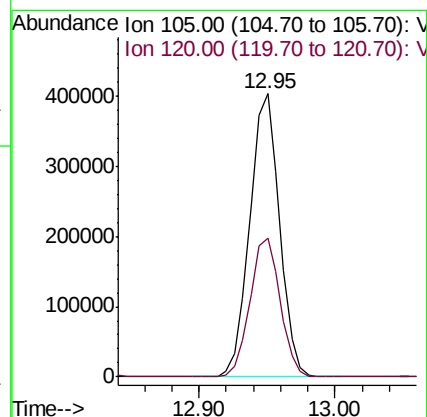
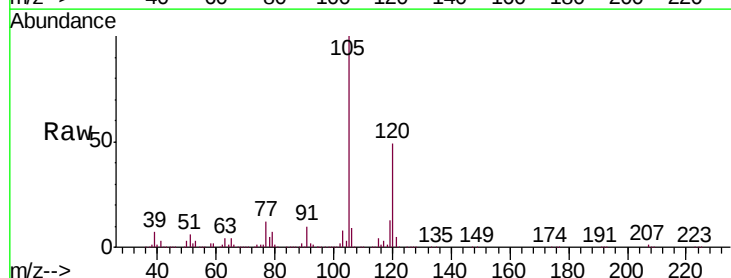
Acq: 08 Oct 2018 21:10

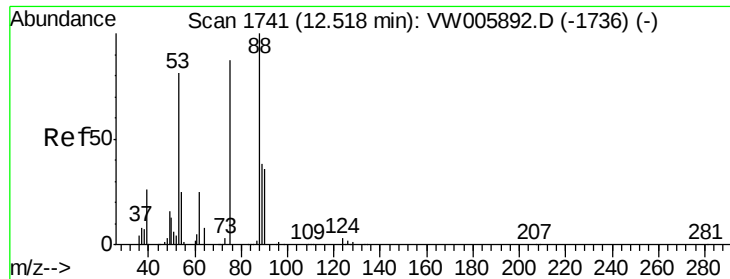
Tgt Ion: 105 Resp: 619076

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.831 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

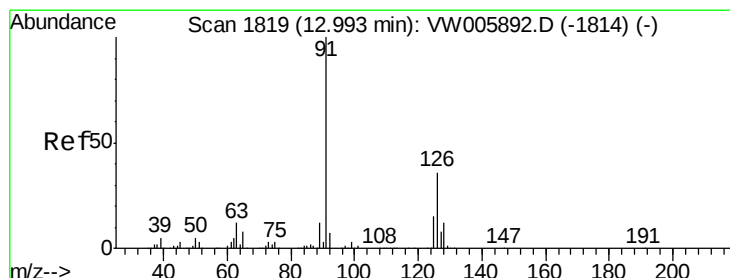
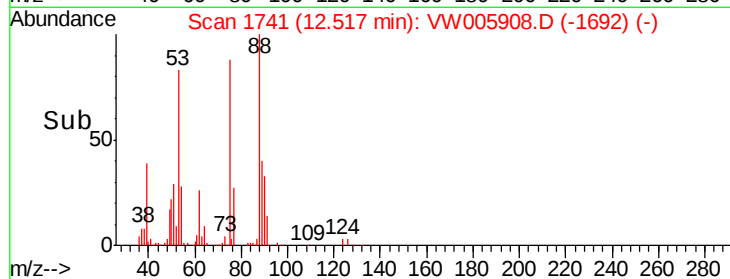
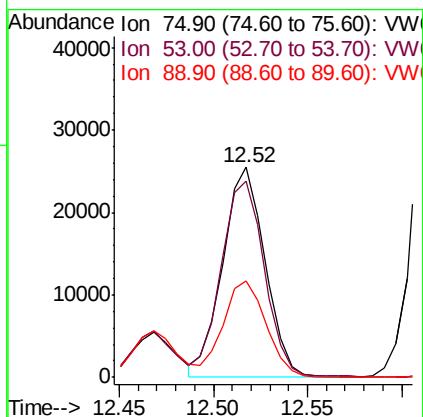
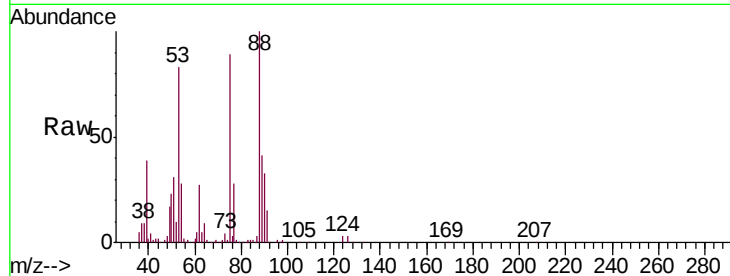
Tgt Ion: 75 Resp: 39522

Ion Ratio Lower Upper

75 100

53 97.3 76.5 114.7

89 46.5 37.6 56.4



#82

4-Chlorotoluene

Concen: 48.613 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005908.D

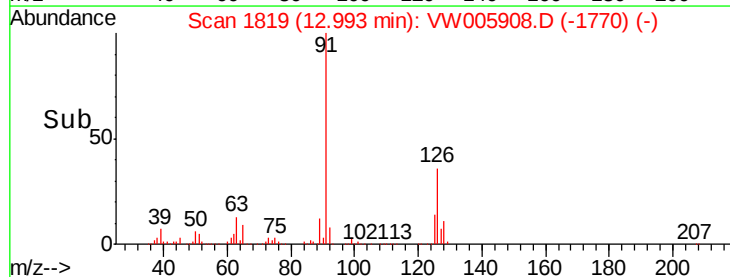
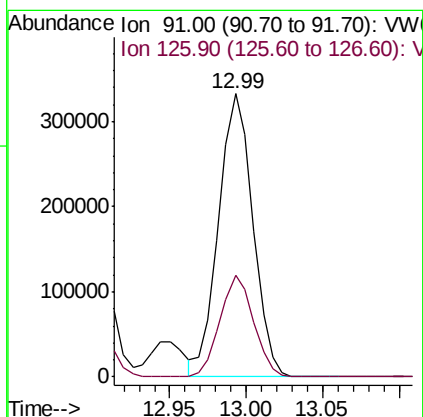
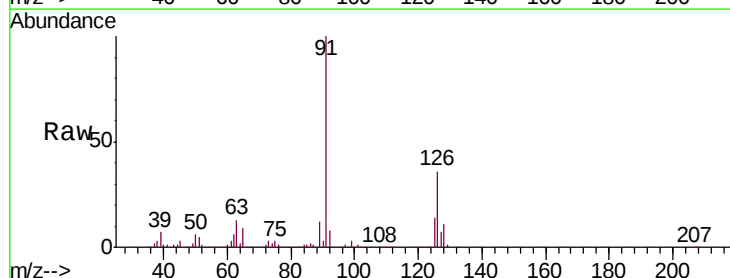
Acq: 08 Oct 2018 21:10

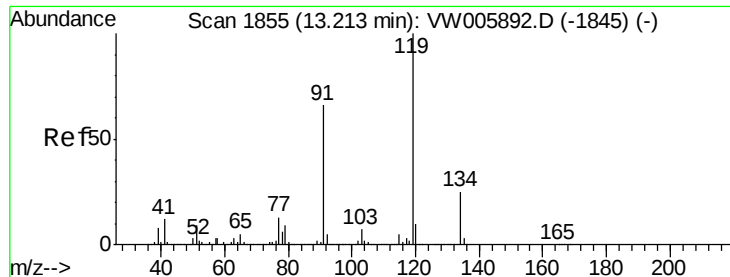
Tgt Ion: 91 Resp: 516792

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2

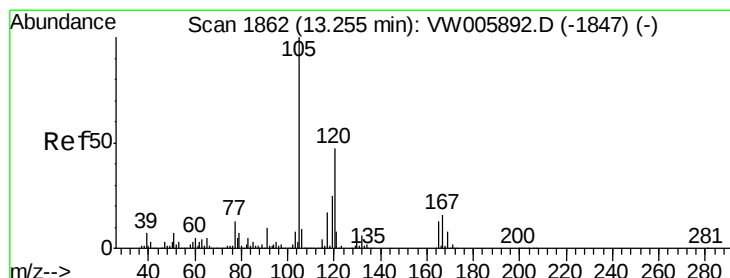
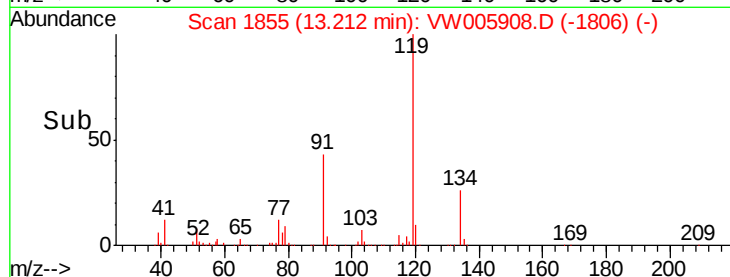
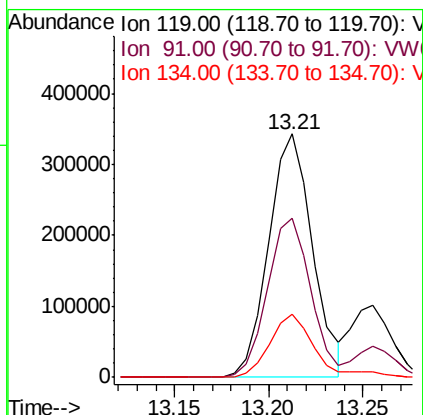
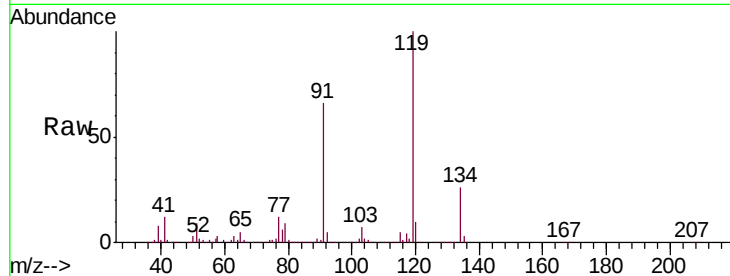




#83
 tert-Butylbenzene
 Concen: 48.475 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

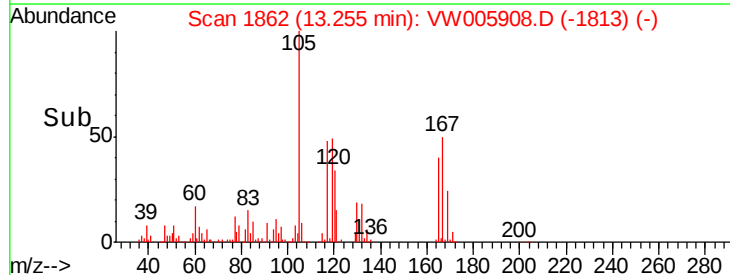
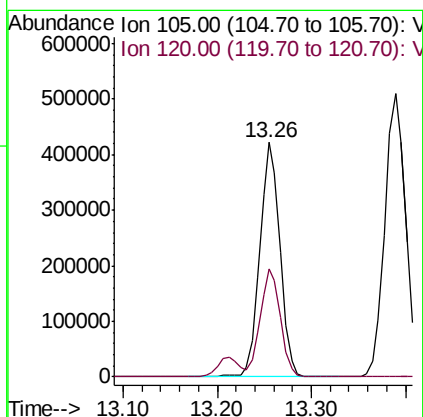
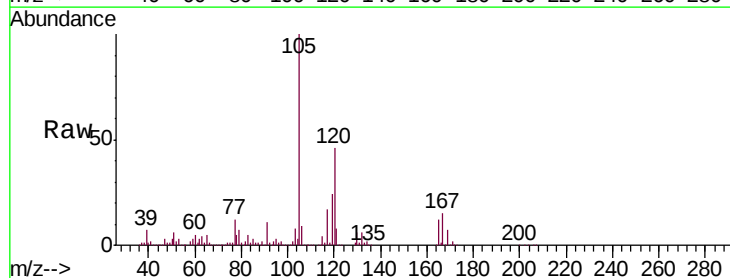
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

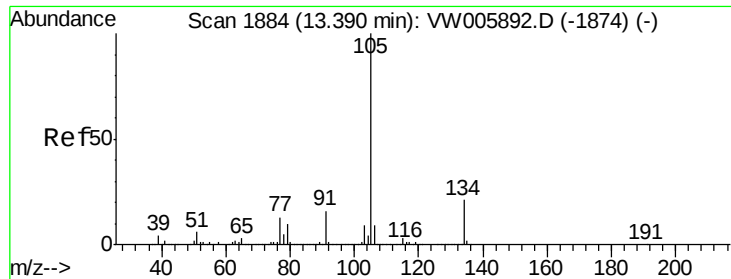
Tgt Ion:119 Resp: 553866
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.4 97.0
 134 26.6 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.300 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion:105 Resp: 638844
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3

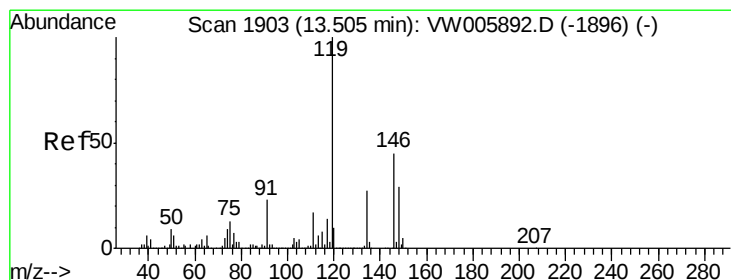
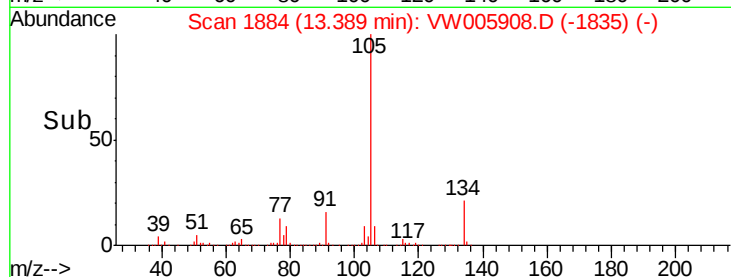
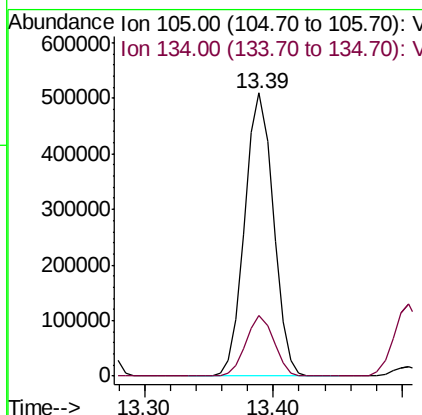
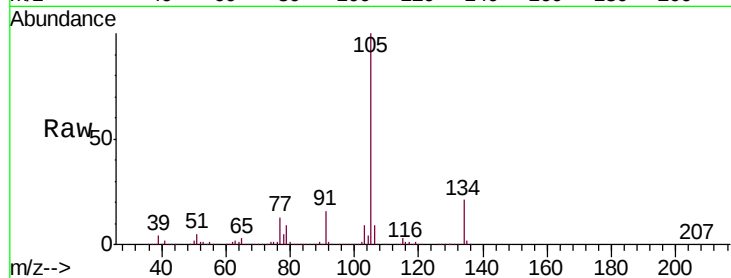




#85
 sec-Butylbenzene
 Concen: 48.781 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

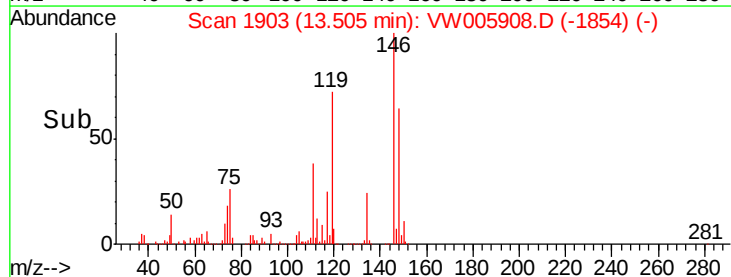
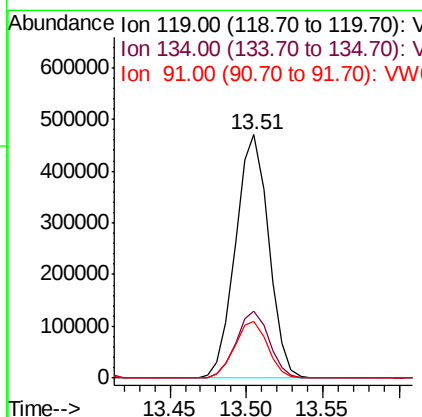
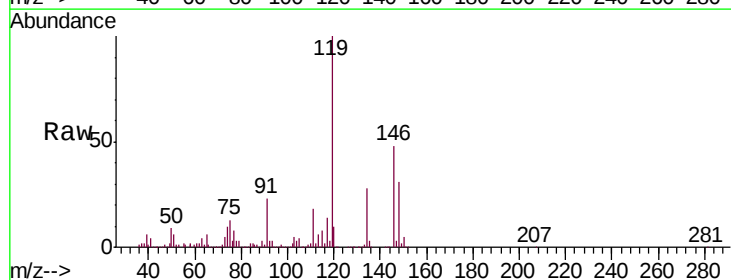
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

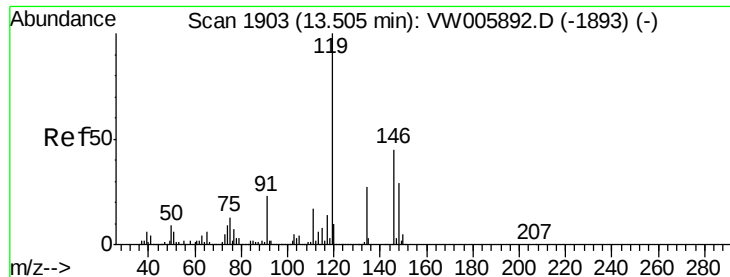
Tgt Ion:105 Resp: 782347
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 49.066 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion:119 Resp: 707664
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.5
 91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.972 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

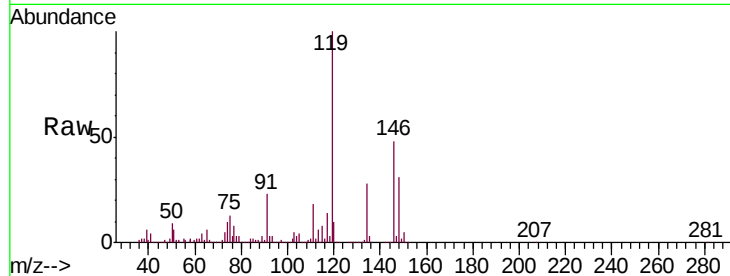
Tgt Ion:146 Resp: 357897

Ion Ratio Lower Upper

146 100

111 38.2 19.5 58.5

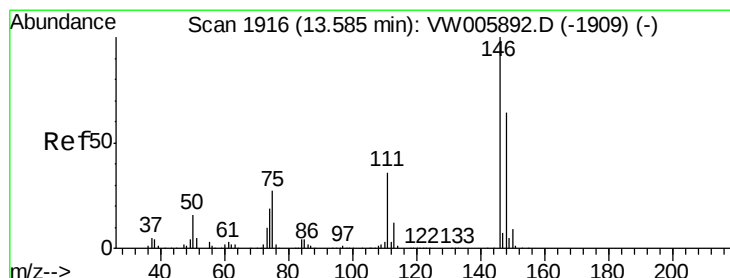
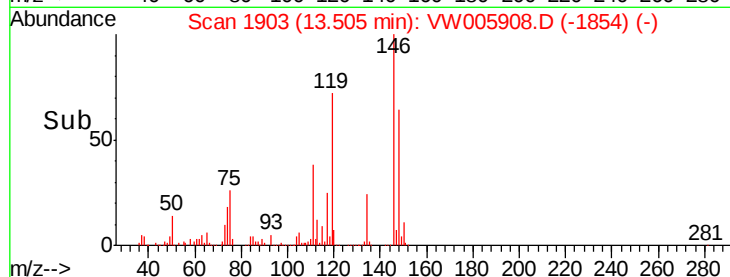
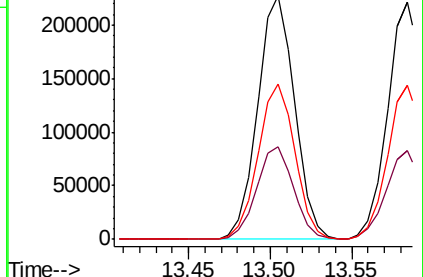
148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.414 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

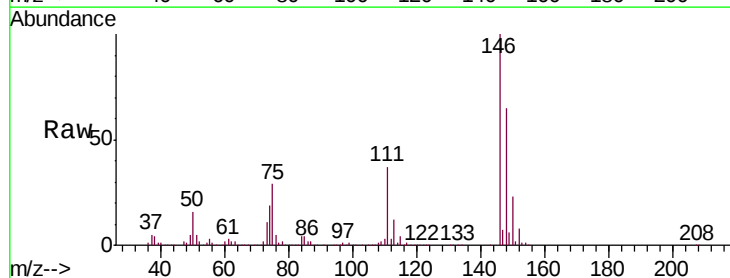
Tgt Ion:146 Resp: 351674

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

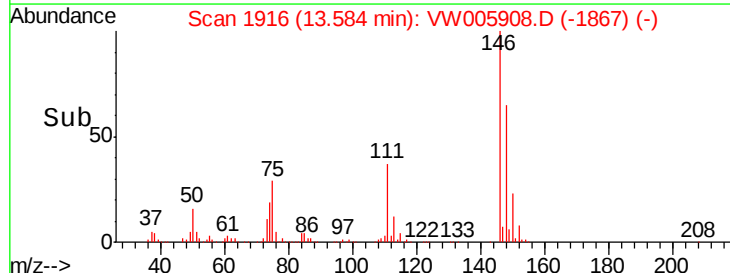
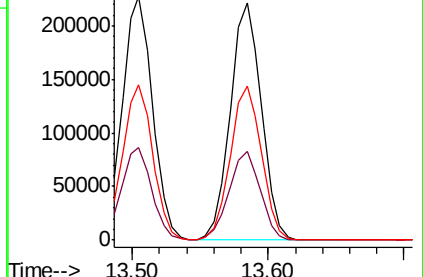
148 64.9 32.0 96.2

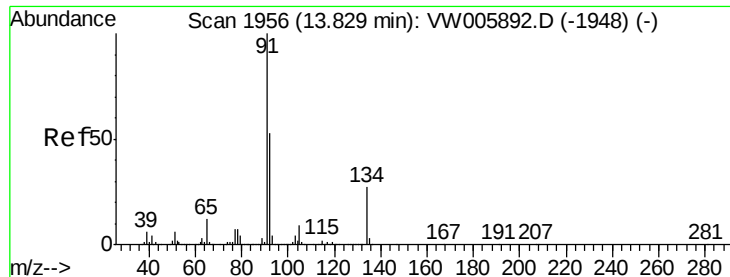


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.043 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005908.D

Acq: 08 Oct 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

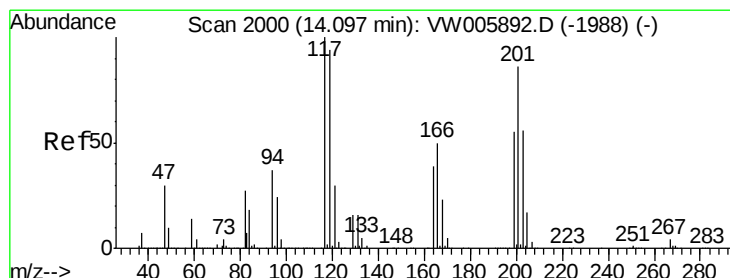
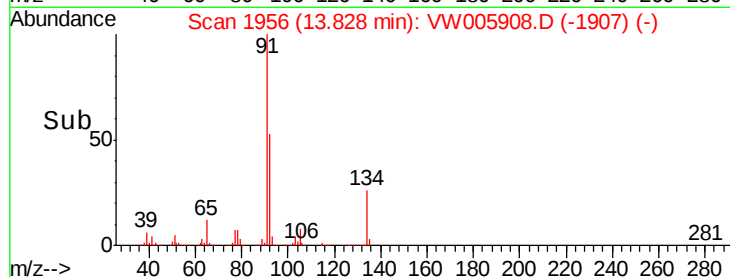
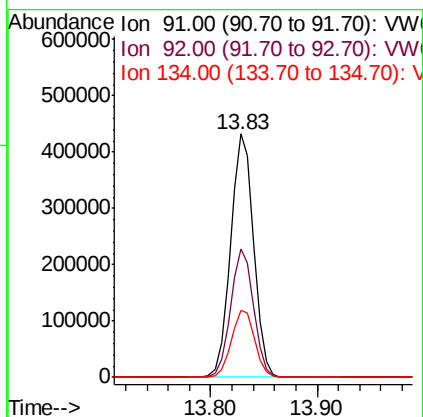
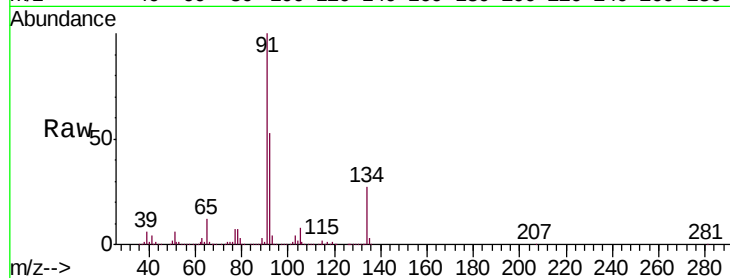
Tgt Ion: 91 Resp: 653155

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.8

134 27.7 13.8 41.4



#90

Hexachloroethane

Concen: 48.150 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW005908.D

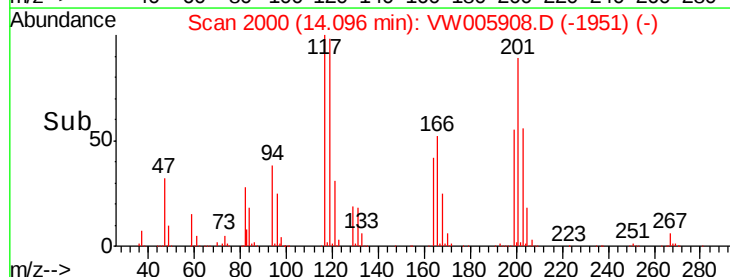
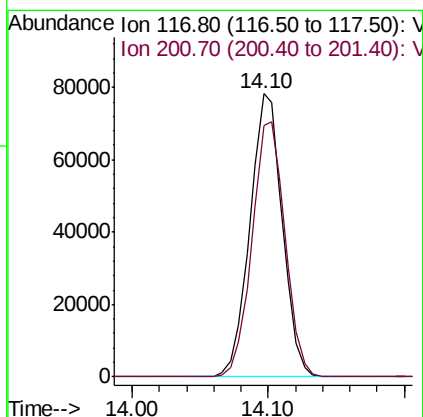
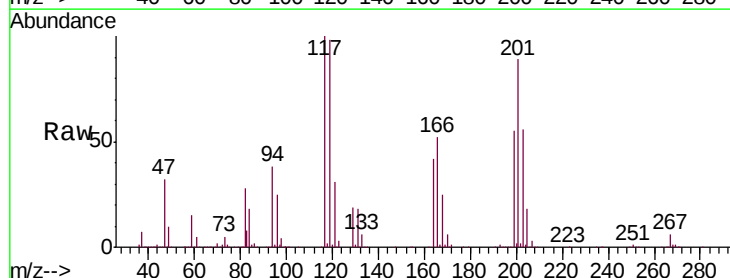
Acq: 08 Oct 2018 21:10

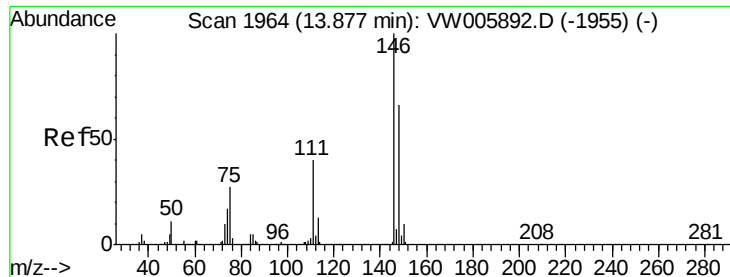
Tgt Ion: 117 Resp: 130612

Ion Ratio Lower Upper

117 100

201 91.7 44.5 133.5

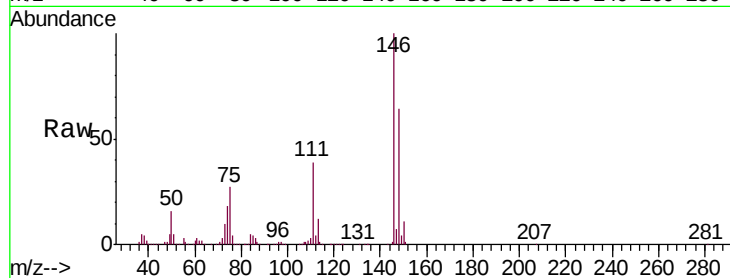




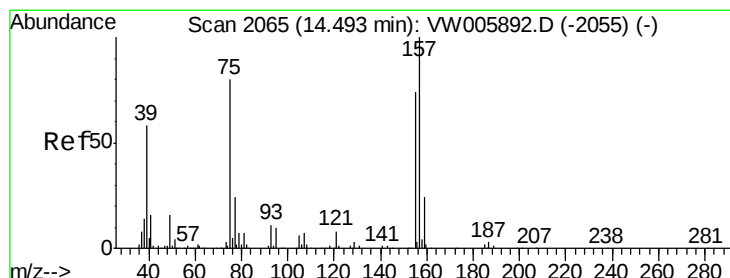
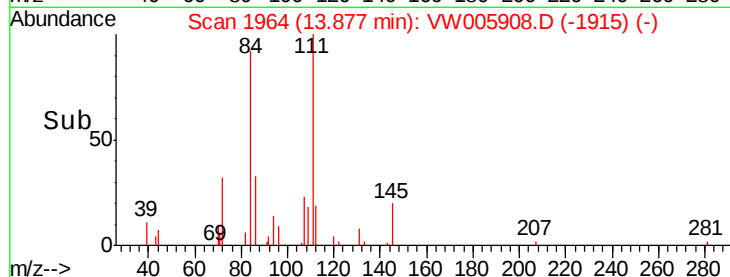
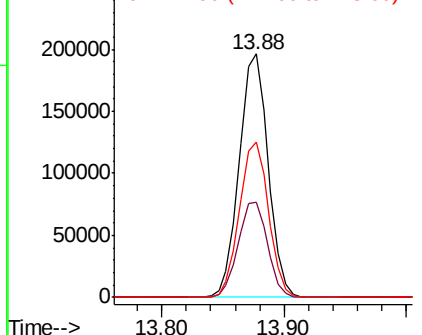
#91
 1,2-Dichlorobenzene
 Concen: 50.538 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 321346
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 61.0
 148 64.4 32.5 97.4

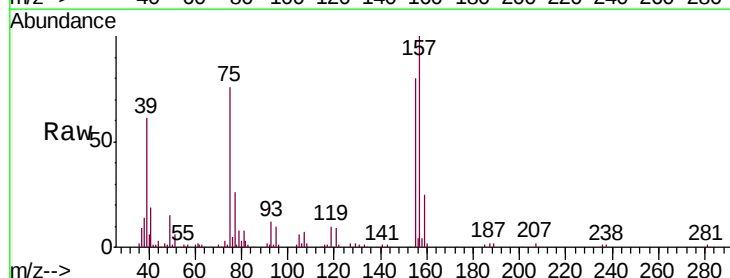


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

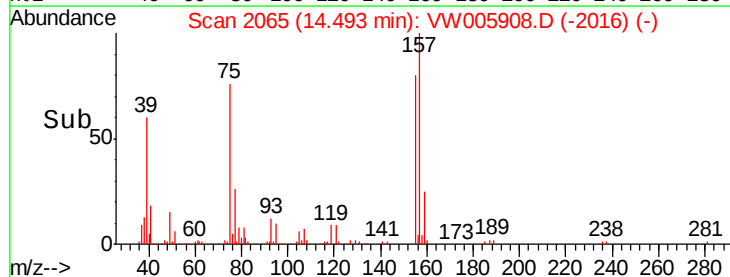
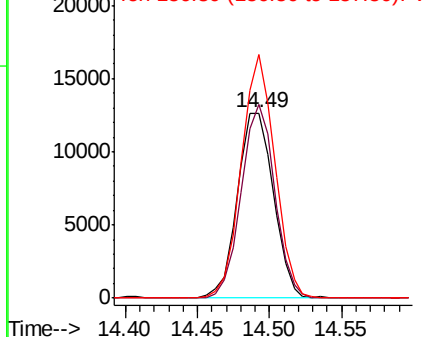


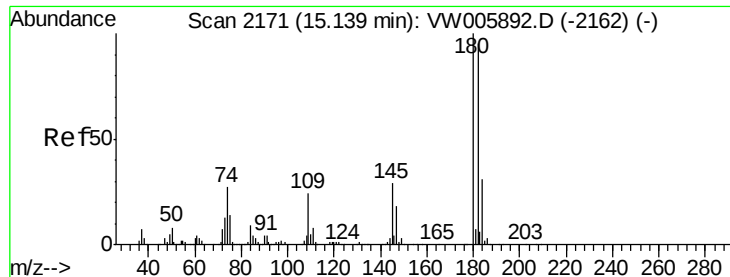
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.289 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion: 75 Resp: 21979
 Ion Ratio Lower Upper
 75 100
 155 97.1 44.8 134.3
 157 121.5 58.9 176.6



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

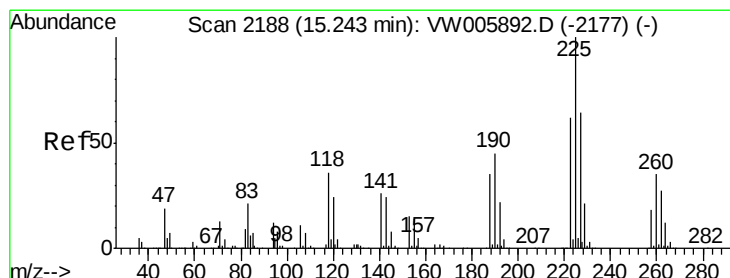
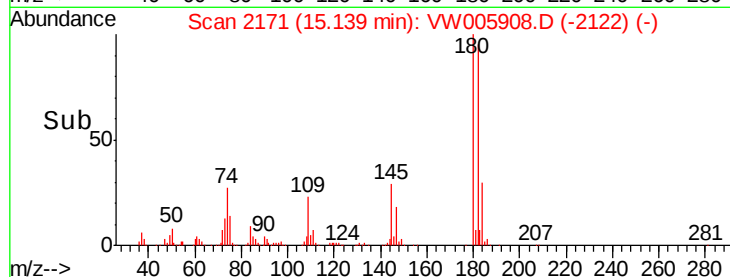
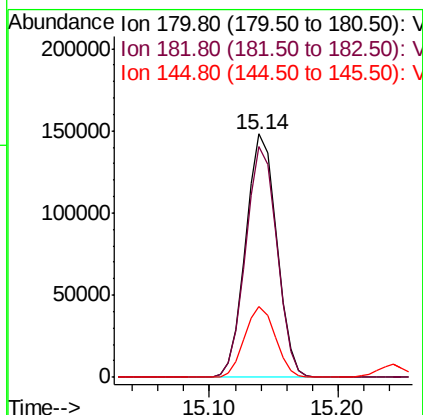
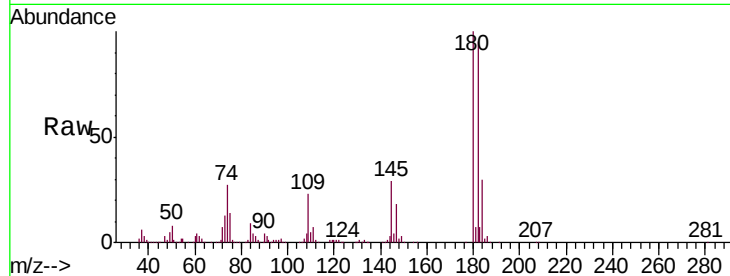




#93
 1,2,4-Trichlorobenzene
 Concen: 49.898 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

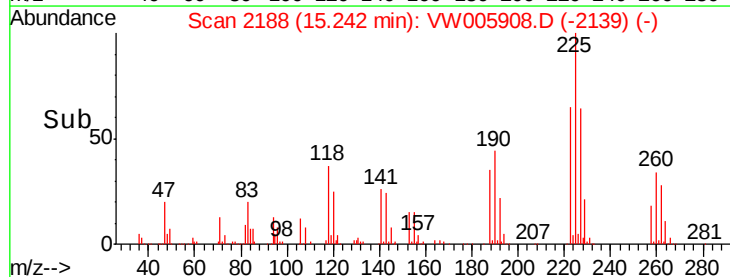
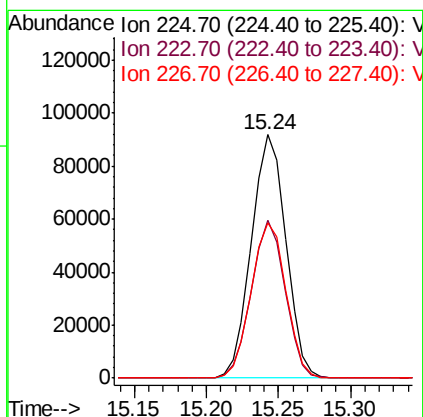
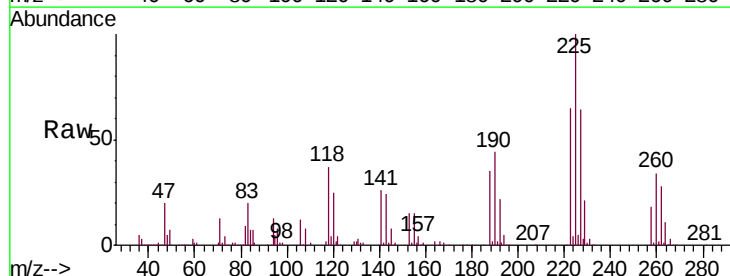
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

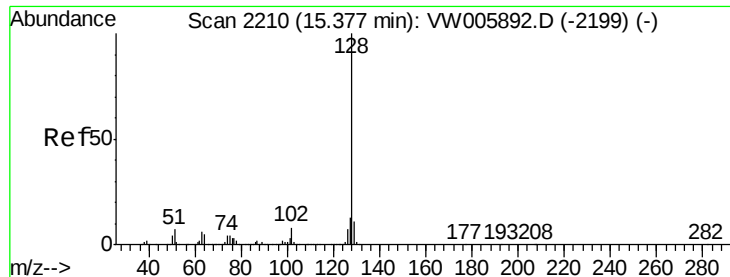
Tgt Ion:180 Resp: 246011
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.3
 145 29.2 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 49.447 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005908.D
 Acq: 08 Oct 2018 21:10

Tgt Ion:225 Resp: 152166
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.2 93.6
 227 64.3 31.9 95.9

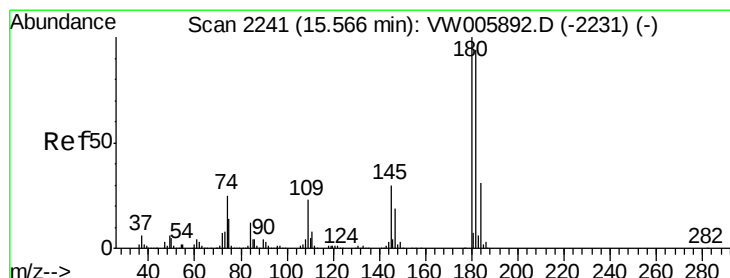
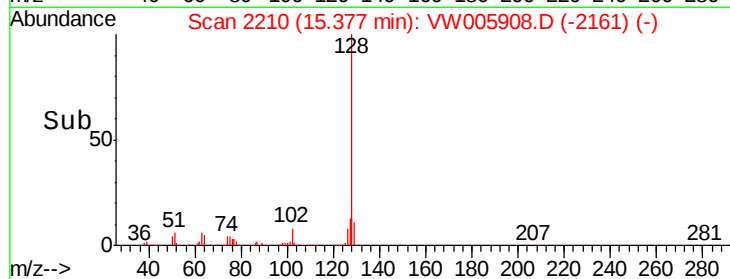
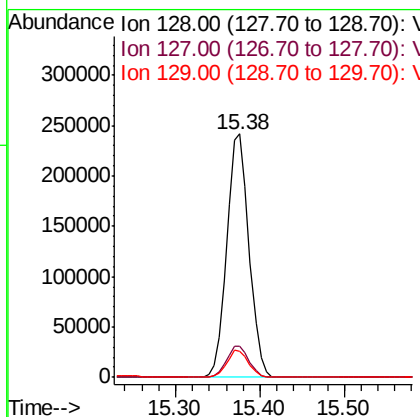
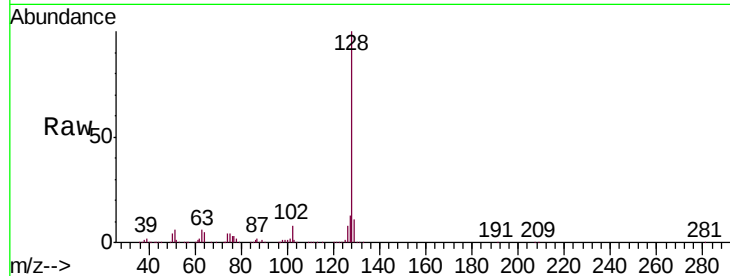




#95
Naphthalene
Concen: 51.058 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 433900
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.394 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005908.D
Acq: 08 Oct 2018 21:10

Tgt Ion:180 Resp: 215131
Ion Ratio Lower Upper
180 100
182 96.5 47.6 142.8
145 30.7 15.3 45.9

