

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
 Data File : VW005839.D
 Acq On : 04 Oct 2018 05:46
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 04 06:38:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	319008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153720	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	356428	142.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.00%	
35) Dibromofluoromethane	7.88	113	293996	145.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.02%	
50) Toluene-d8	10.33	98	1227958	150.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.20%	
62) 4-Bromofluorobenzene	12.63	95	446321	147.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	186637	132.421	ug/l	98
3) Chloromethane	2.22	50	227955	136.803	ug/l	100
4) Vinyl Chloride	2.37	62	305008	148.697	ug/l	99
5) Bromomethane	2.78	94	213511	153.386	ug/l	98
6) Chloroethane	2.92	64	193460	147.186	ug/l	100
7) Trichlorofluoromethane	3.26	101	230753	146.291	ug/l	99
8) Diethyl Ether	3.68	74	156940	147.934	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	283662	140.449	ug/l	99
10) Methyl Iodide	4.26	142	483416	153.805	ug/l	98
11) Tert butyl alcohol	5.21	59	107564	743.641	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	287938	147.917	ug/l	97
13) Acrolein	3.89	56	113746	1014.157	ug/l	98
14) Allyl chloride	4.67	41	489115	145.905	ug/l	99
15) Acrylonitrile	5.37	53	352086	749.477	ug/l	99
16) Acetone	4.14	43	291636	652.226	ug/l	100
17) Carbon Disulfide	4.37	76	935117	152.469	ug/l	99
18) Methyl Acetate	4.67	43	182106	151.145	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	470673	154.842	ug/l	96
20) Methylene Chloride	4.92	84	312868	123.722	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	323367	151.690	ug/l	99
22) Diisopropyl ether	6.32	45	949657	145.420	ug/l	99
23) Vinyl Acetate	6.26	43	2840976	757.132	ug/l	100
24) 1,1-Dichloroethane	6.21	63	584709	144.196	ug/l	98
25) 2-Butanone	7.18	43	446075	727.001	ug/l	98
26) 2,2-Dichloropropane	7.17	77	342030	123.214	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	353301	150.602	ug/l	99
28) Bromochloromethane	7.51	49	186336	118.188	ug/l	97
29) Tetrahydrofuran	7.54	42	278771	725.723	ug/l	95
30) Chloroform	7.68	83	599335	142.526	ug/l	98
31) Cyclohexane	7.96	56	503077	130.778	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	528740	143.096	ug/l	99
36) 1,1-Dichloropropene	8.09	75	470334	145.448	ug/l	99
37) Ethyl Acetate	7.26	43	200548	146.336	ug/l	100
38) Carbon Tetrachloride	8.07	117	512811	147.826	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	535956	140.969	ug/l	96
40) Benzene	8.32	78	1283905	139.648	ug/l	97
41) Methacrylonitrile	7.49	41	121127	152.805	ug/l	95
42) 1,2-Dichloroethane	8.40	62	429918	144.335	ug/l	100
43) Isopropyl Acetate	8.43	43	402860	148.706	ug/l	99
44) Trichloroethene	9.10	130	338681	143.431	ug/l	97
45) 1,2-Dichloropropane	9.37	63	291923	130.352	ug/l	96
46) Dibromomethane	9.46	93	161949	141.794	ug/l	98
47) Bromodichloromethane	9.65	83	432674	142.153	ug/l	98
48) Methyl methacrylate	9.45	41	198462	154.030	ug/l	98
49) 1,4-Dioxane	9.47	88	52905	2902.056	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1060564	774.643	ug/l	100
52) Toluene	10.39	92	874417	152.077	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	469975	154.160	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	520848	152.668	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	245261	150.916	ug/l	99
56) Ethyl methacrylate	10.65	69	340165	169.686	ug/l	99
57) 1,3-Dichloropropane	10.94	76	427287	149.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	640809	719.314	ug/l	99
59) 2-Hexanone	10.98	43	729729	786.447	ug/l	98
60) Dibromochloromethane	11.13	129	312039	157.652	ug/l	96
61) 1,2-Dibromoethane	11.24	107	237079	156.130	ug/l	98
64) Tetrachloroethene	10.87	164	342598	159.858	ug/l	99
65) Chlorobenzene	11.66	112	936764	147.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	346668	151.053	ug/l	98
67) Ethyl Benzene	11.74	91	1717062	153.182	ug/l	98
68) m/p-Xylenes	11.85	106	1294181	304.554	ug/l	99
69) o-Xylene	12.17	106	617146	155.206	ug/l	99
70) Styrene	12.19	104	1034492	154.621	ug/l	100
71) Bromoform	12.35	173	196261	159.346	ug/l #	100
73) Isopropylbenzene	12.47	105	1726700	161.788	ug/l	100
74) N-amyl acetate	12.28	43	392408	161.921	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	276118	153.772	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	392608	294.598	ug/l #	100
77) Bromobenzene	12.76	156	393849	155.801	ug/l	99
78) n-propylbenzene	12.81	91	1998731	155.103	ug/l	99
79) 2-Chlorotoluene	12.90	91	1167943	155.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1458725	157.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	90839	155.177	ug/l	99
82) 4-Chlorotoluene	12.99	91	1210597	153.244	ug/l	100
83) tert-Butylbenzene	13.21	119	1249734	160.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1482085	157.835	ug/l	100
85) sec-Butylbenzene	13.39	105	1745595	154.775	ug/l	99
86) p-Isopropyltoluene	13.51	119	1583450	156.164	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	768801	149.099	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	757315	147.868	ug/l	100
89) n-Butylbenzene	13.83	91	1433297	150.749	ug/l	100
90) Hexachloroethane	14.10	117	281334	153.000	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	691026	151.229	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	54514	157.665	ug/l	98

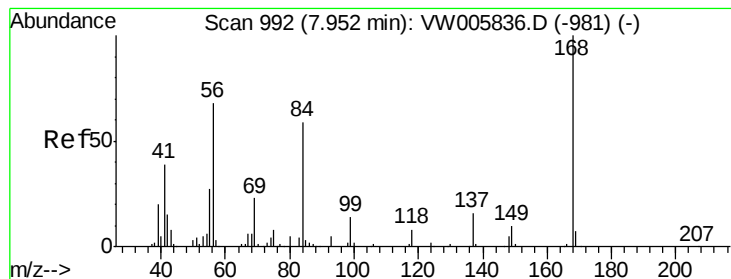
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	506058	156.014	ug/l	99
94) Hexachlorobutadiene	15.24	225	304272	145.577	ug/l	100
95) Naphthalene	15.38	128	967661	175.237	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	454846	158.249	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

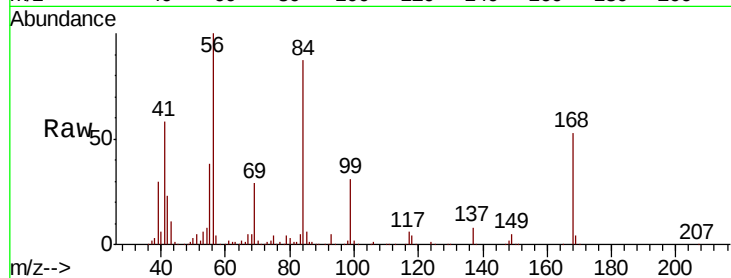
VSTDIC150

Tgt Ion:168 Resp: 210863

Ion Ratio Lower Upper

168 100

99 58.0 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

150000

100000

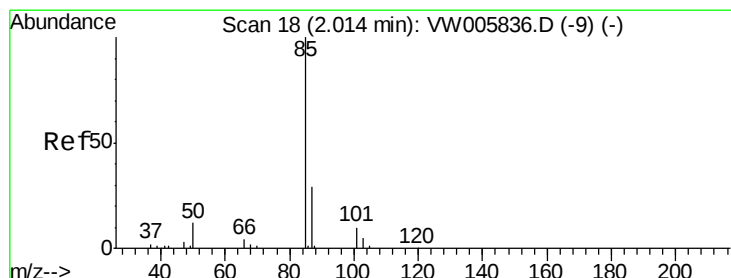
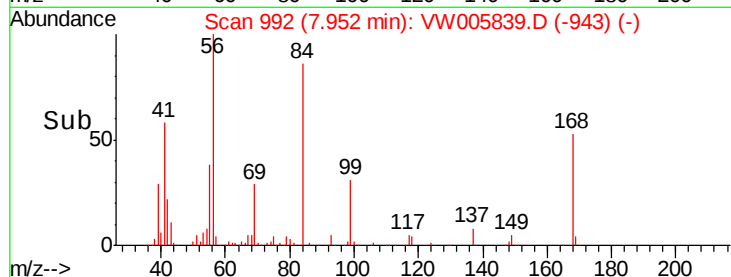
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 132.421 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005839.D

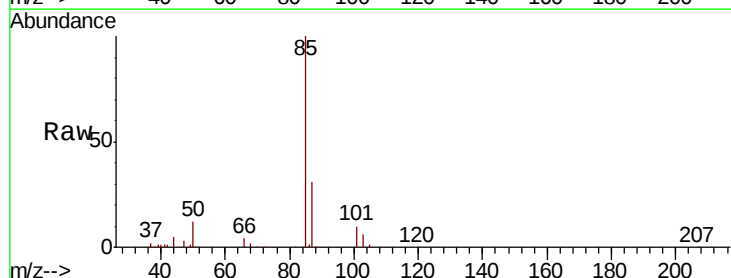
Acq: 04 Oct 2018 05:46

Tgt Ion: 85 Resp: 186637

Ion Ratio Lower Upper

85 100

87 30.7 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

30000

20000

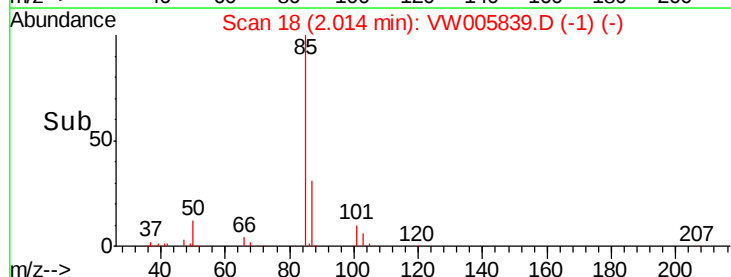
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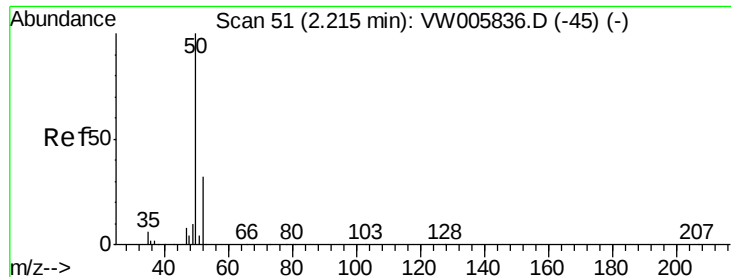
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 136.803 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

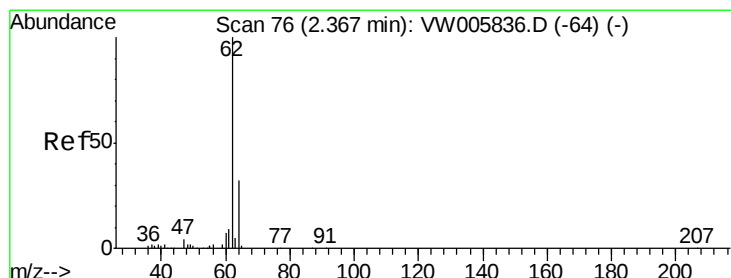
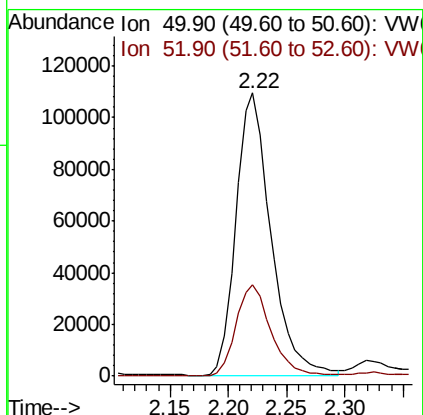
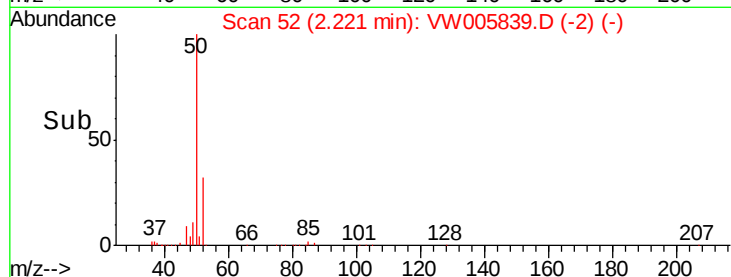
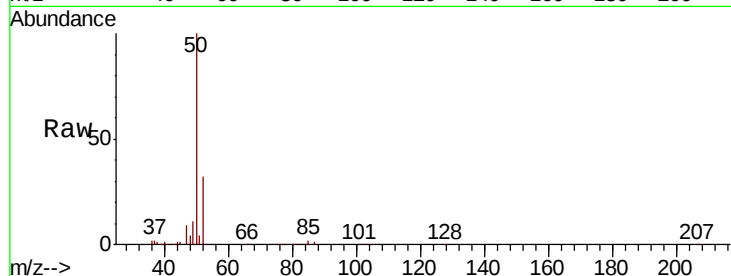
VSTDIC150

Tgt Ion: 50 Resp: 227955

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 148.697 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005839.D

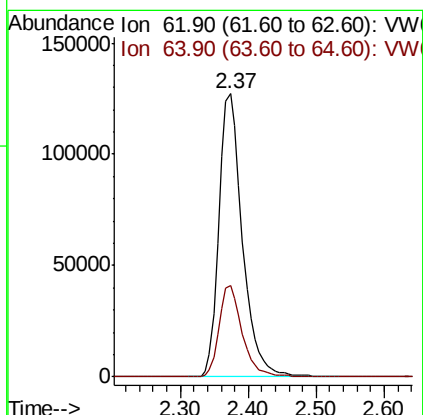
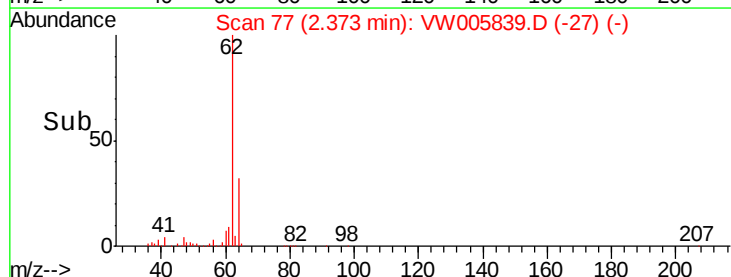
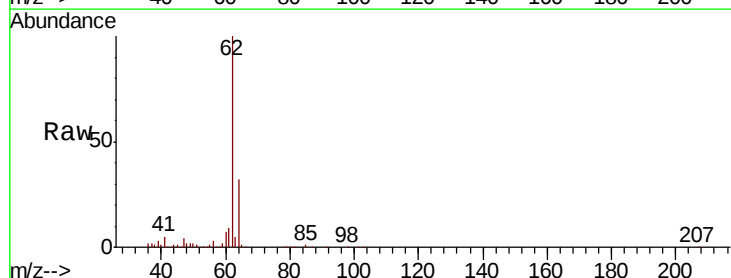
Acq: 04 Oct 2018 05:46

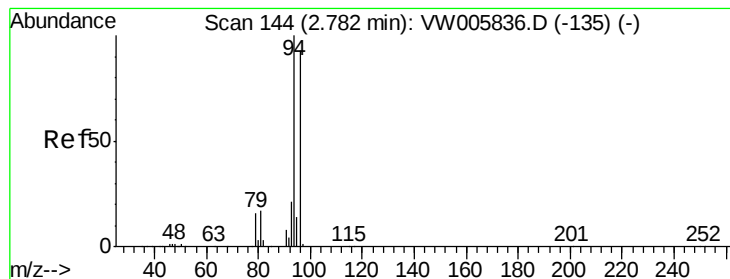
Tgt Ion: 62 Resp: 305008

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 153.386 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

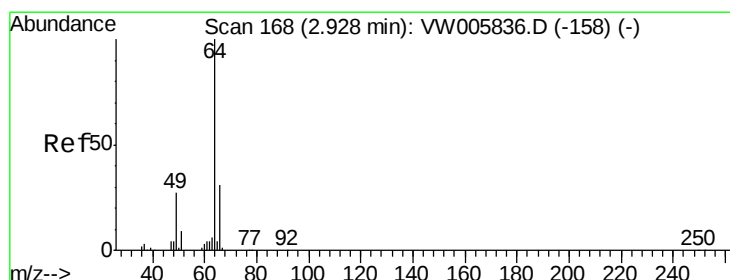
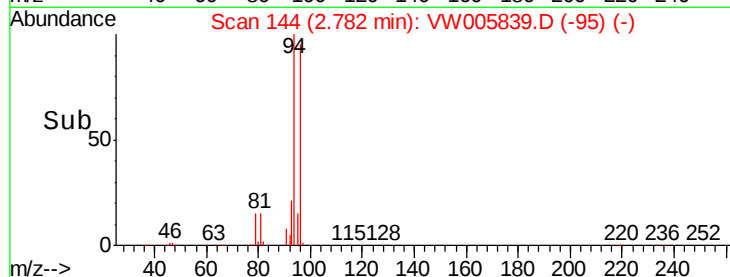
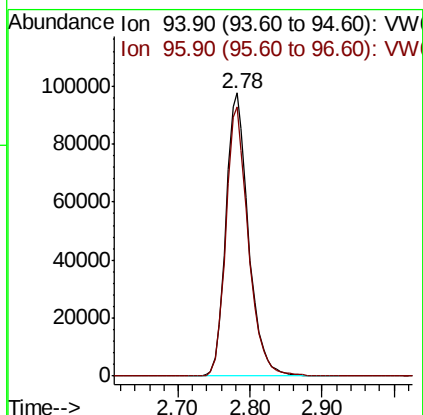
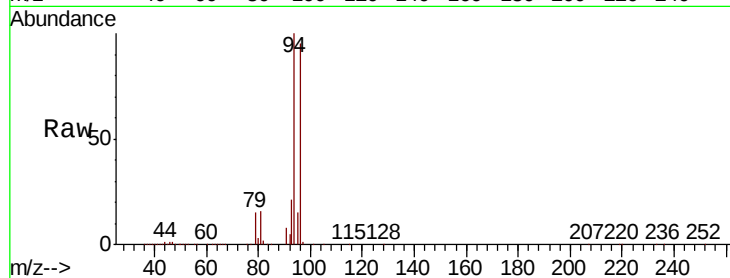
VSTDIC150

Tgt Ion: 94 Resp: 213511

Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7



#6

Chloroethane

Concen: 147.186 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005839.D

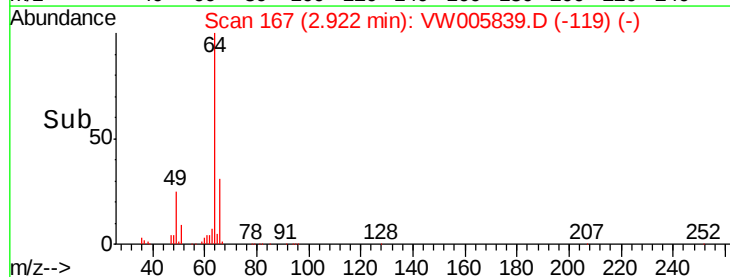
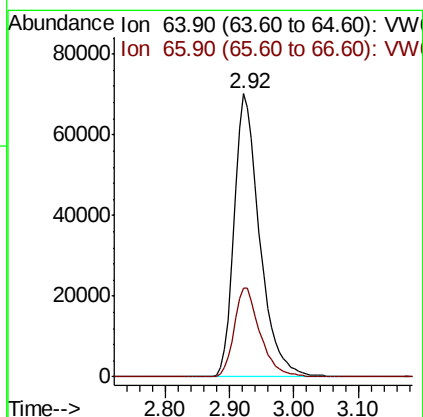
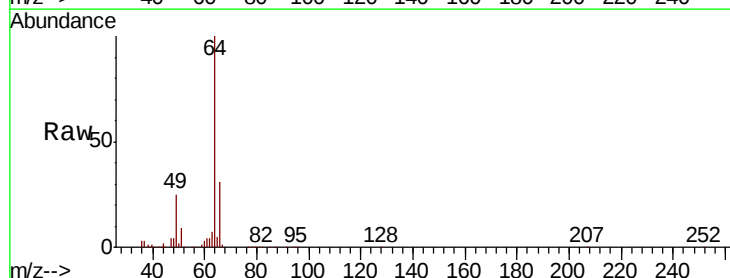
Acq: 04 Oct 2018 05:46

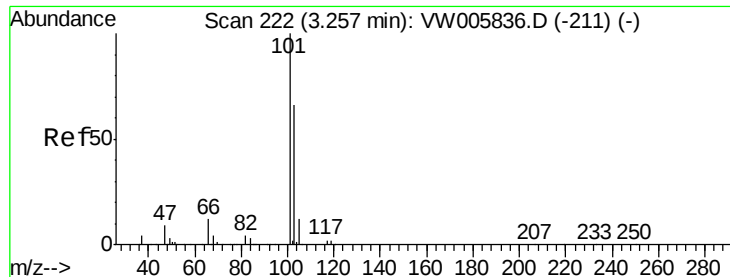
Tgt Ion: 64 Resp: 193460

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.6



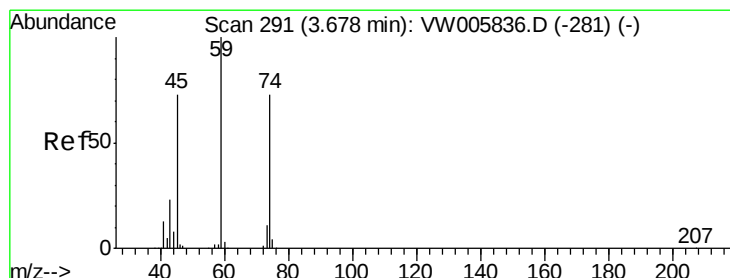
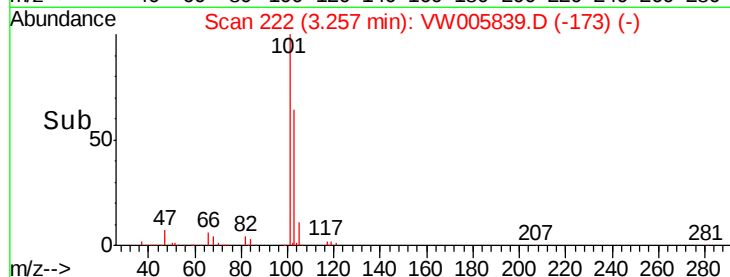
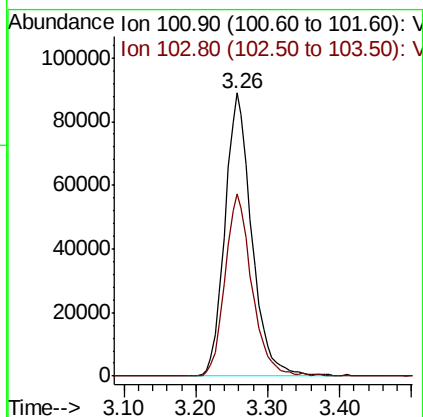
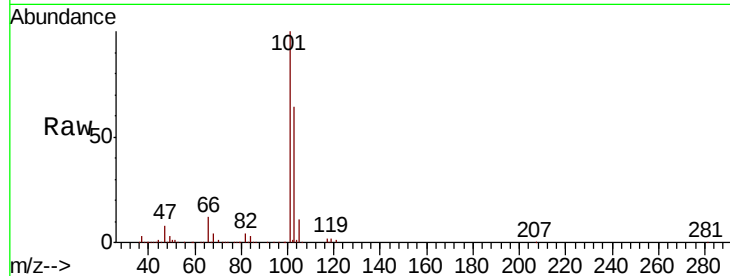


#7

Trichlorofluoromethane
 Concen: 146.291 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

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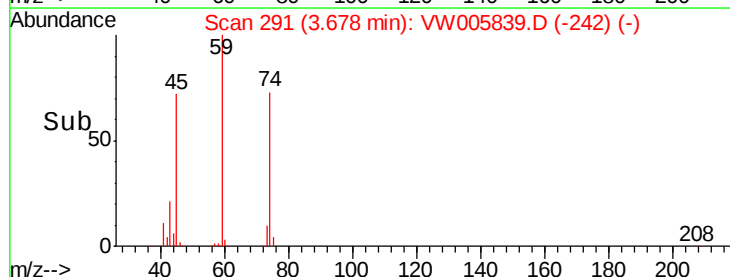
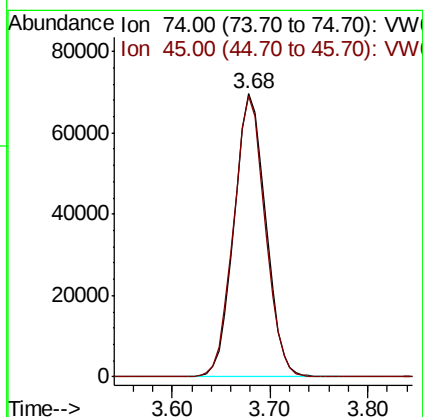
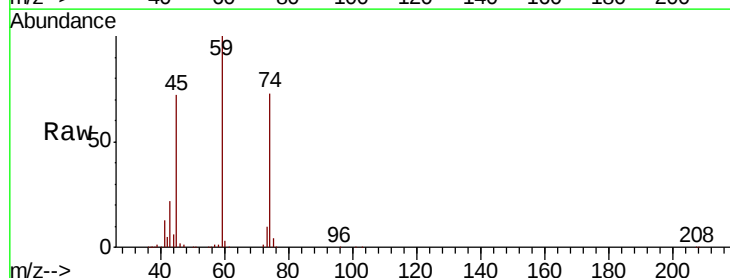
Tgt Ion: 101 Resp: 230753
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.5 78.7

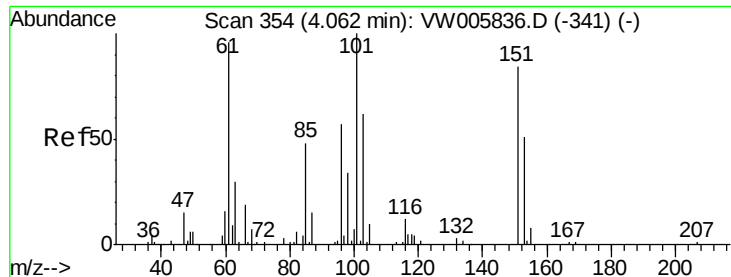


#8

Diethyl Ether
 Concen: 147.934 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 74 Resp: 156940
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.449 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

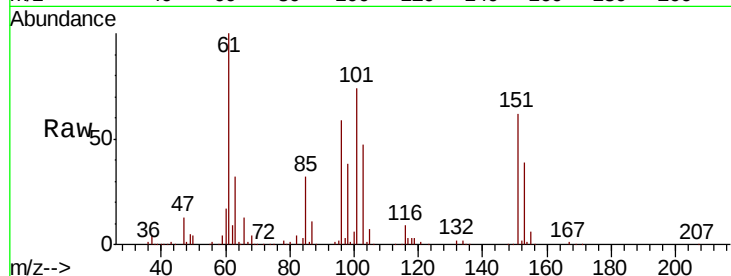
Tgt Ion:101 Resp: 283662

Ion Ratio Lower Upper

101 100

85 45.1 35.5 53.3

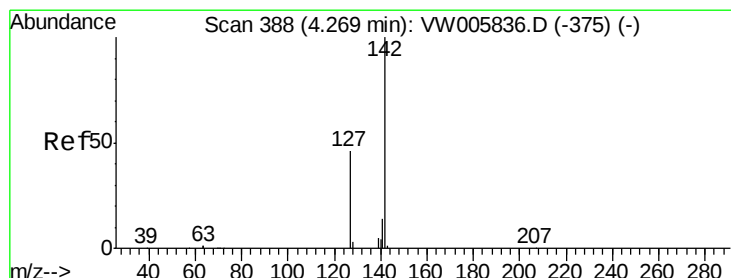
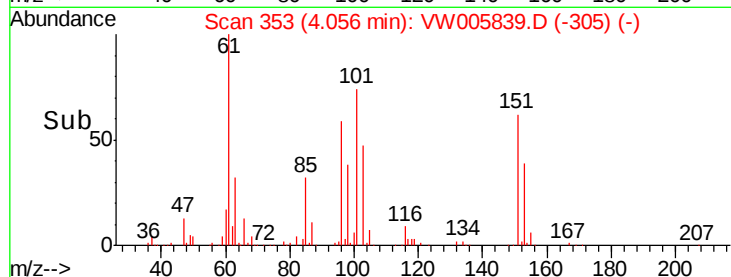
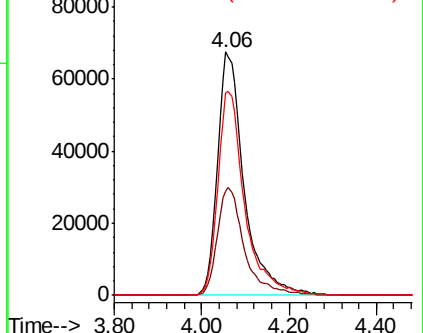
151 84.5 67.4 101.2



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: 153.805 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

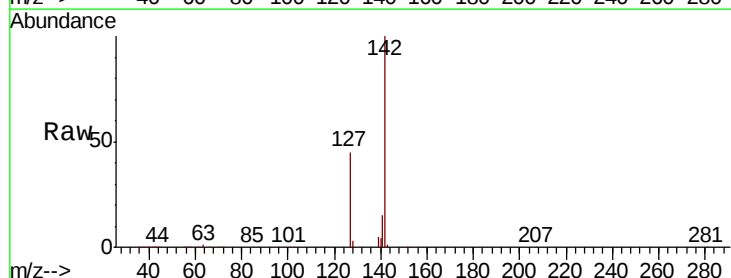
Tgt Ion:142 Resp: 483416

Ion Ratio Lower Upper

142 100

127 45.2 37.4 56.0

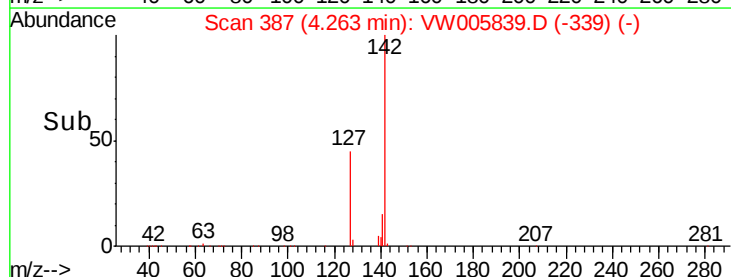
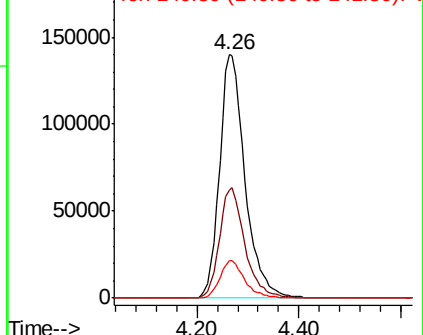
141 15.1 12.2 18.2

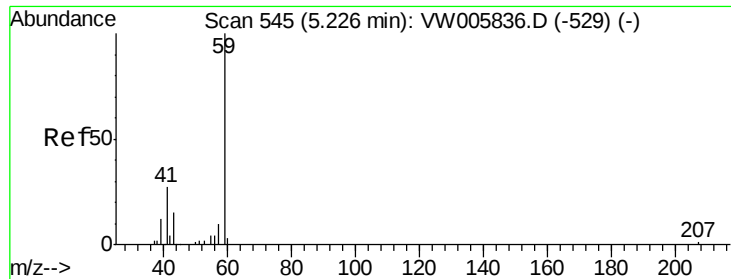


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

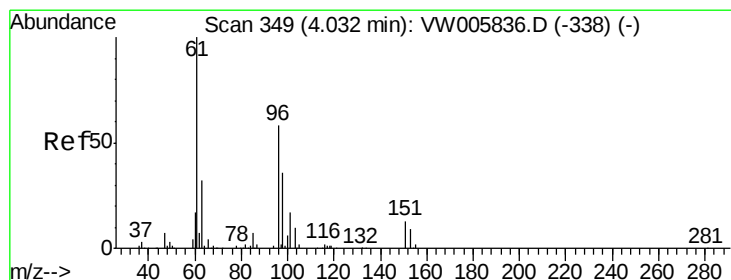
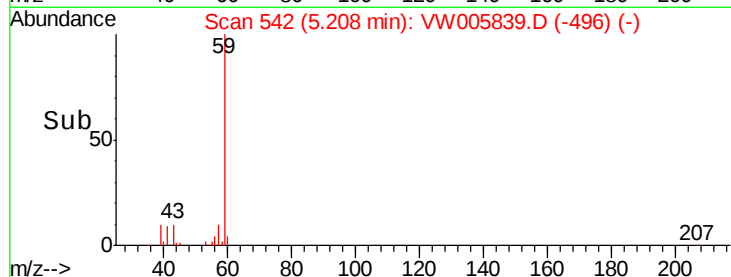
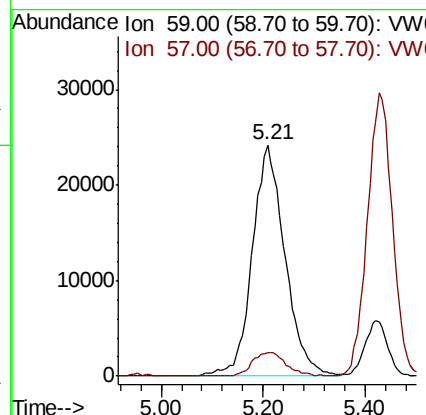
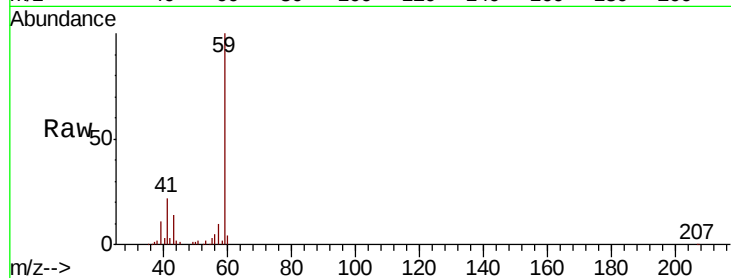




#11
Tert butyl alcohol
Concen: 743.641 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

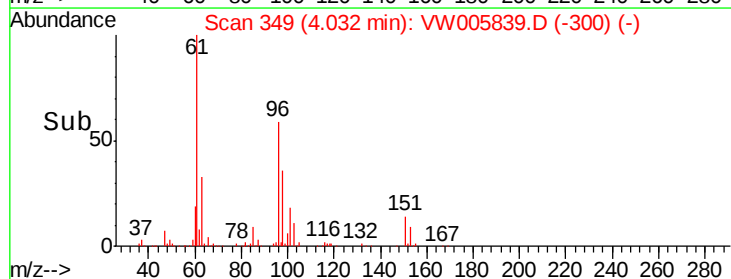
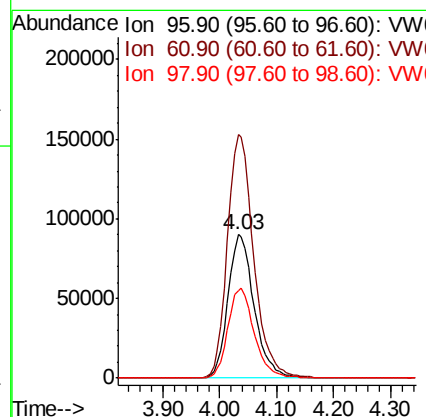
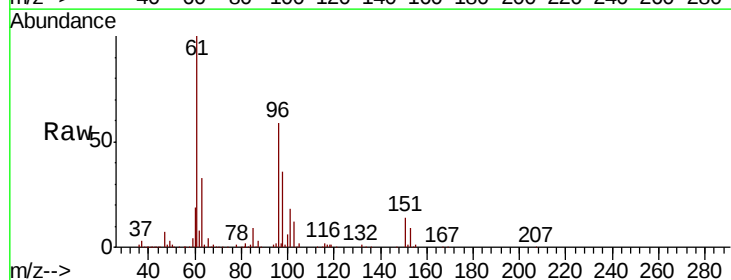
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

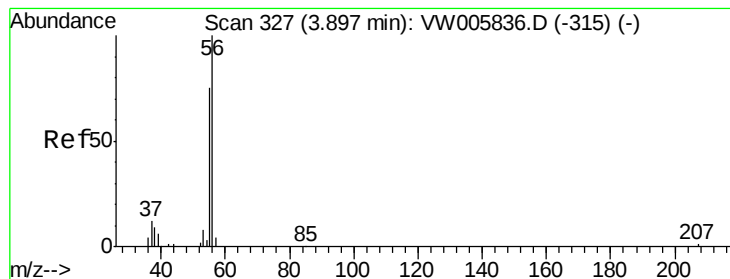
Tgt Ion: 59 Resp: 107564
Ion Ratio Lower Upper
59 100
57 10.5 4.9 7.3#



#12
1,1-Dichloroethene
Concen: 147.917 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 96 Resp: 287938
Ion Ratio Lower Upper
96 100
61 169.9 138.8 208.2
98 61.2 50.6 75.8





#13

Acrolein

Concen: 1014.157 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

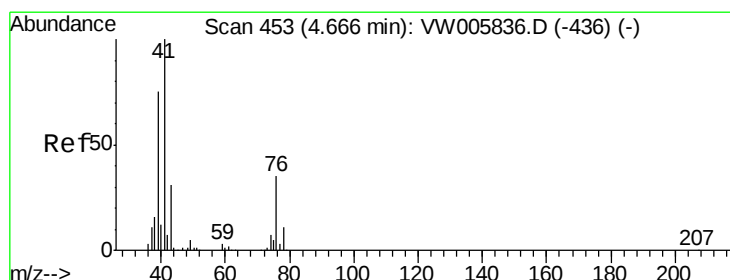
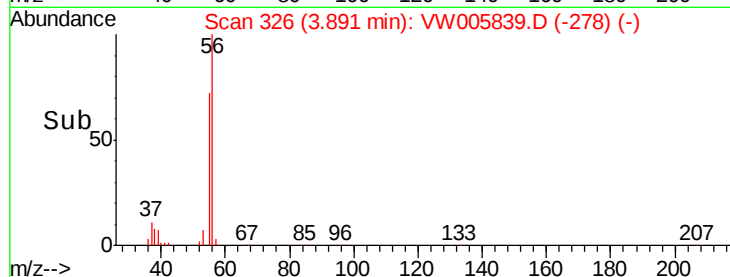
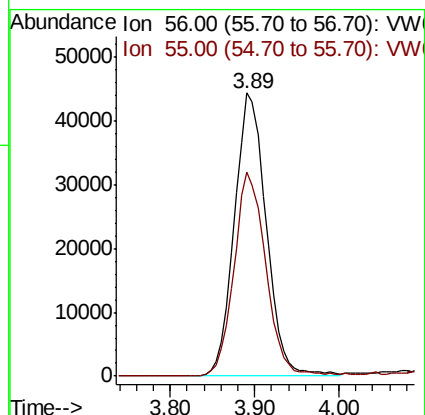
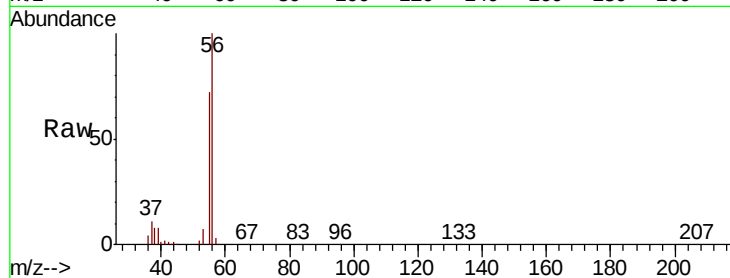
VSTDIC150

Tgt Ion: 56 Resp: 113746

Ion Ratio Lower Upper

56 100

55 72.4 59.2 88.8



#14

Allyl chloride

Concen: 145.905 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

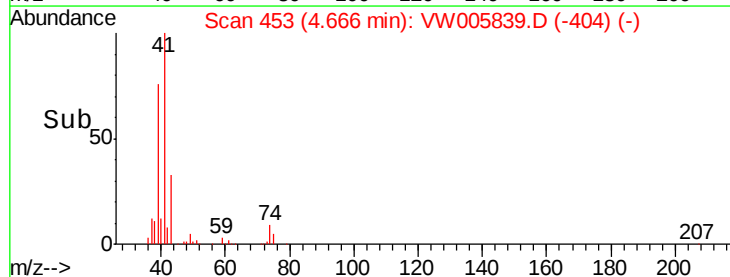
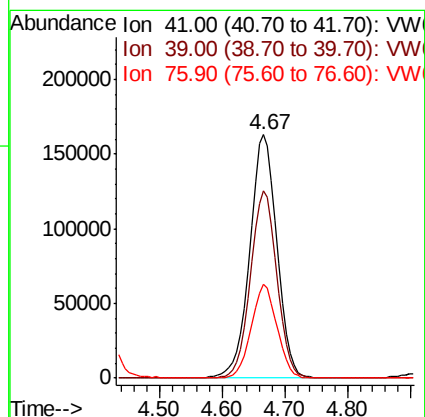
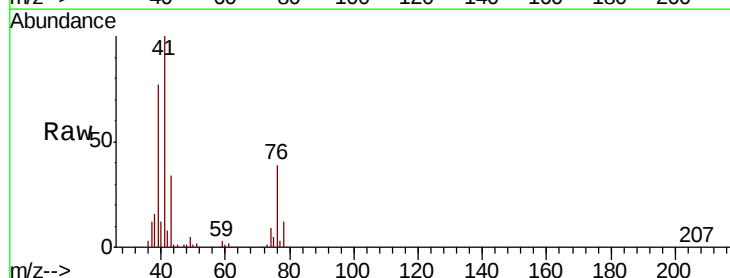
Tgt Ion: 41 Resp: 489115

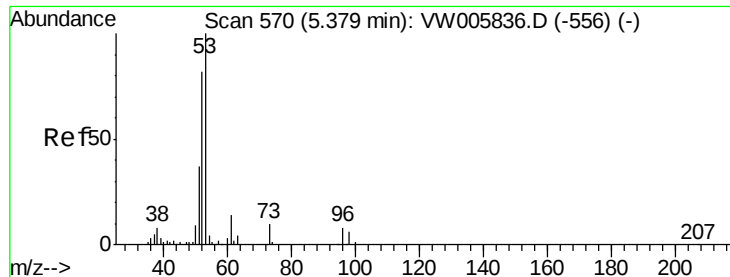
Ion Ratio Lower Upper

41 100

39 74.8 60.3 90.5

76 36.3 28.9 43.3





#15

Acrylonitrile

Concen: 749.477 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

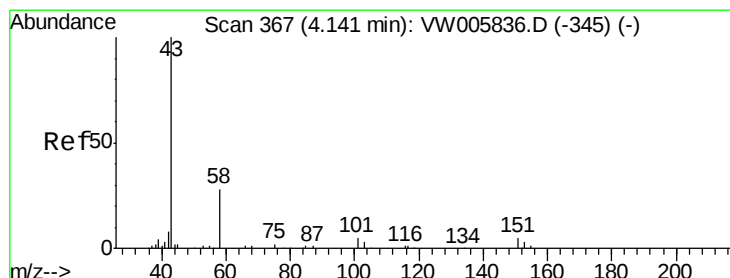
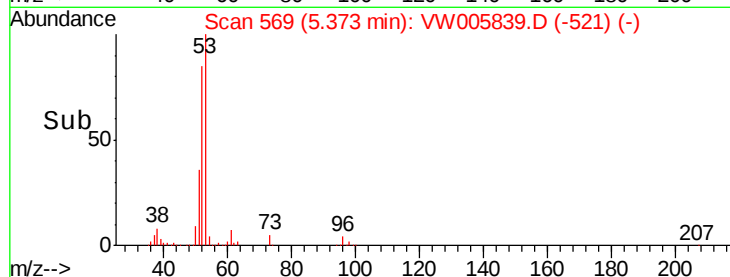
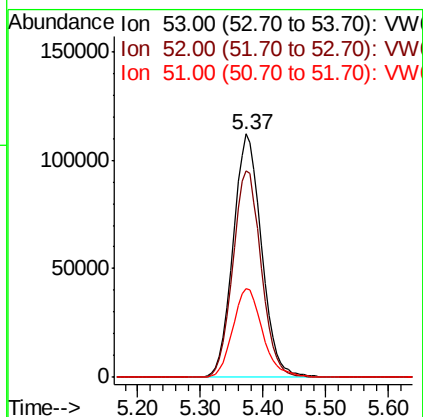
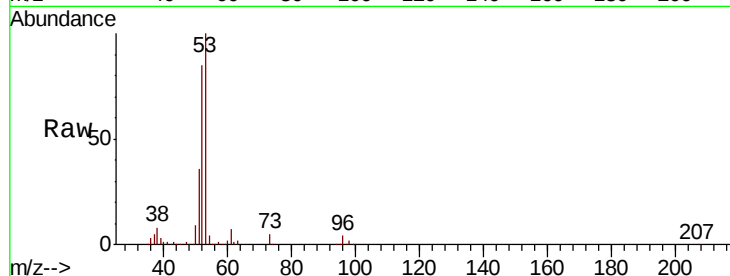
Tgt Ion: 53 Resp: 352086

Ion Ratio Lower Upper

53 100

52 84.6 67.3 100.9

51 38.3 30.2 45.2



#16

Acetone

Concen: 652.226 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005839.D

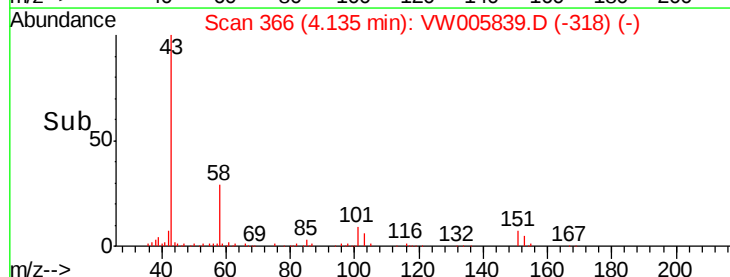
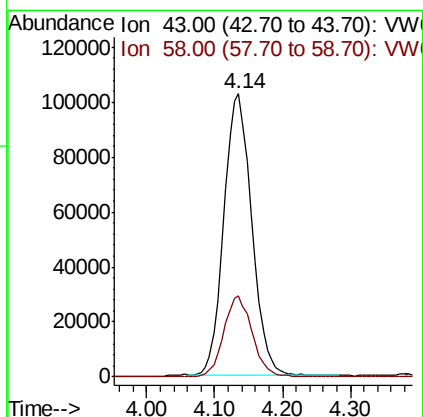
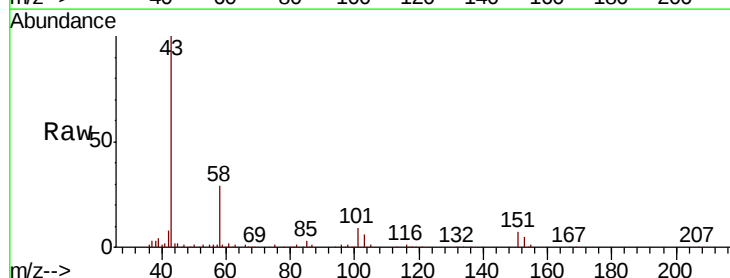
Acq: 04 Oct 2018 05:46

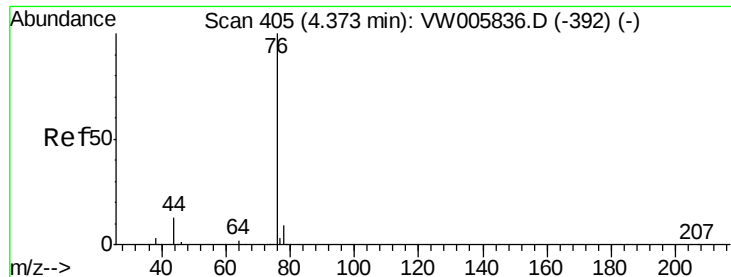
Tgt Ion: 43 Resp: 291636

Ion Ratio Lower Upper

43 100

58 28.8 23.0 34.4





#17

Carbon Disulfide

Concen: 152.469 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

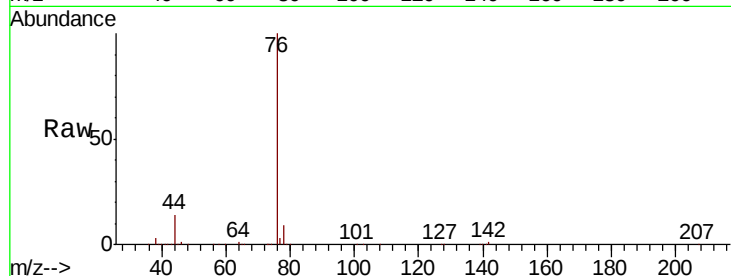
VSTDIC150

Tgt Ion: 76 Resp: 935117

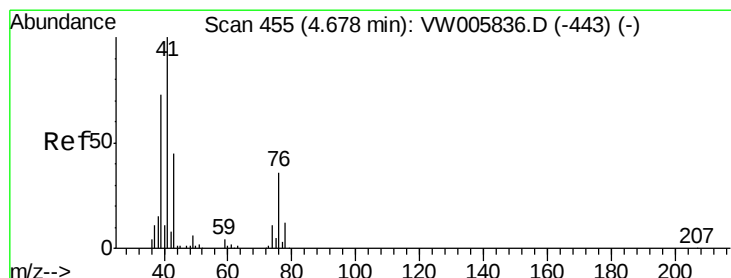
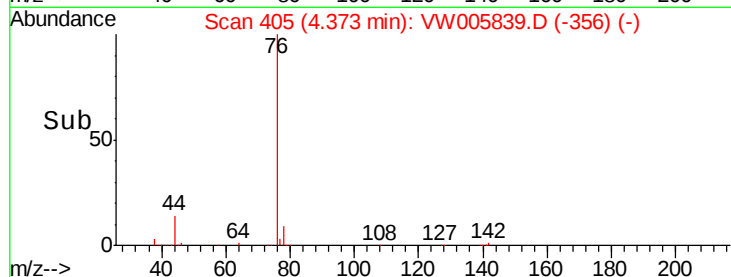
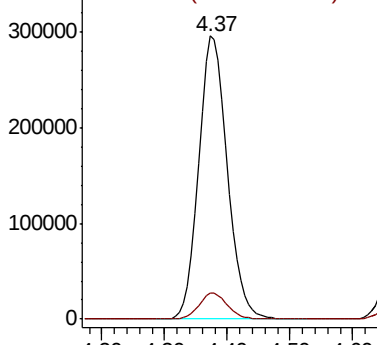
Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



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



#18

Methyl Acetate

Concen: 151.145 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005839.D

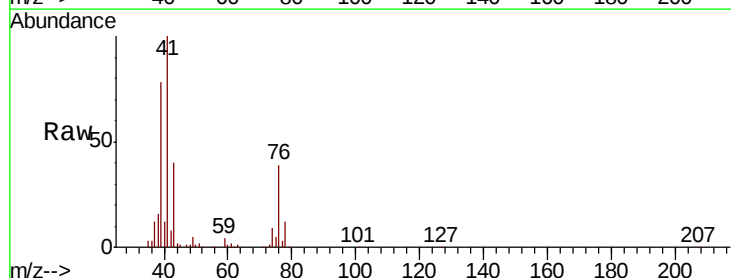
Acq: 04 Oct 2018 05:46

Tgt Ion: 43 Resp: 182106

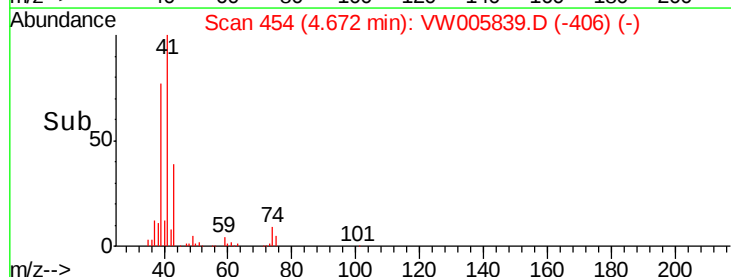
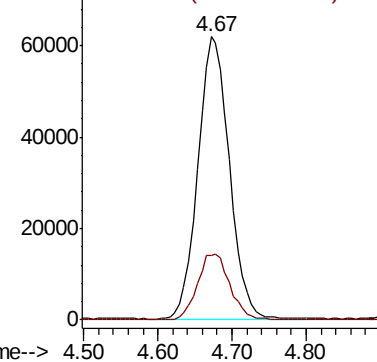
Ion Ratio Lower Upper

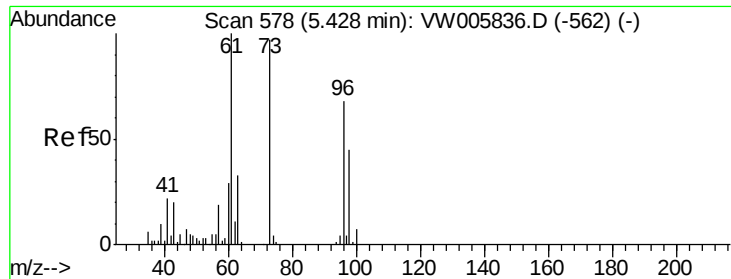
43 100

74 24.1 19.5 29.3



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



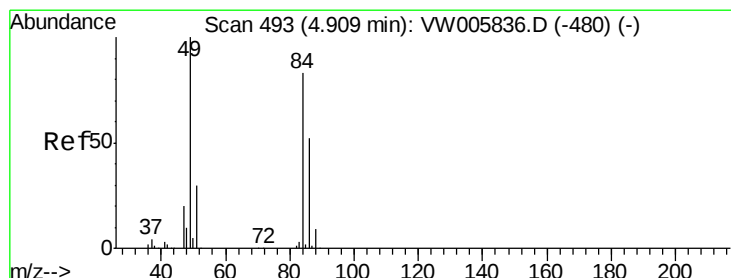
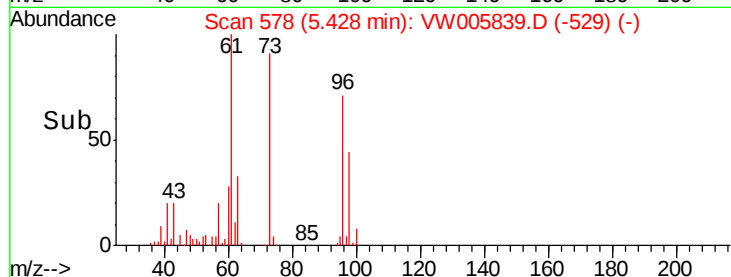
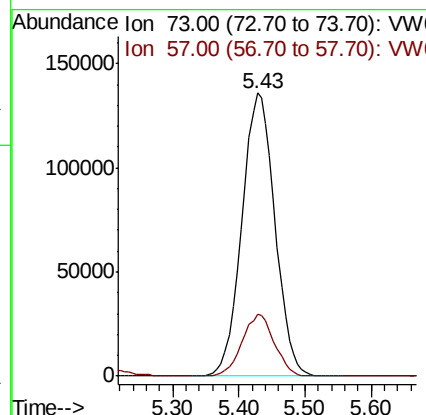
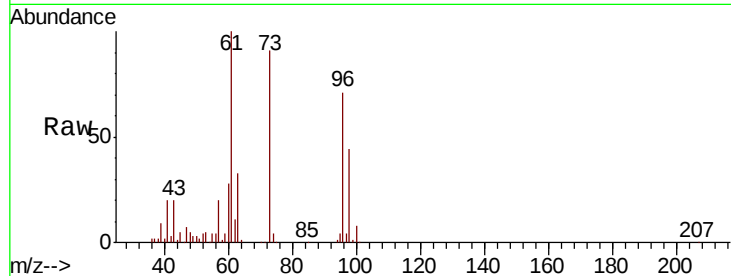


#19

Methyl tert-butyl Ether
 Concen: 154.842 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

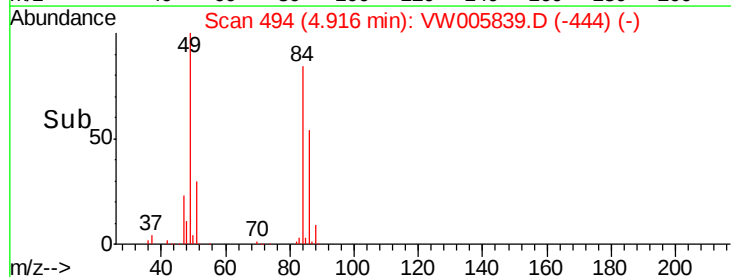
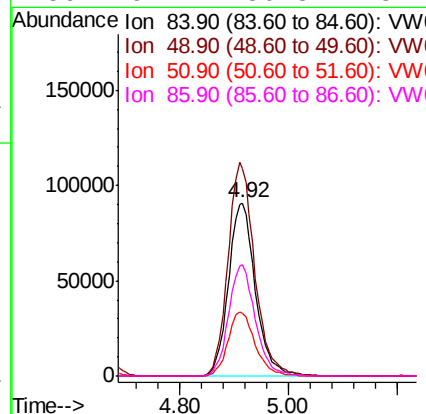
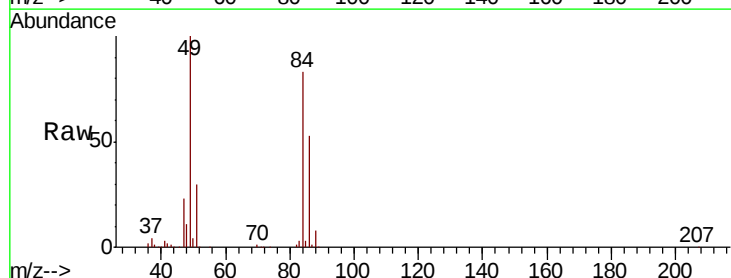
Tgt Ion: 73 Resp: 470673
 Ion Ratio Lower Upper
 73 100
 57 21.8 15.9 23.9

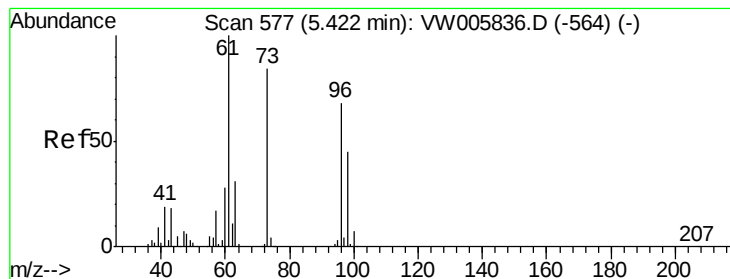


#20

Methylene Chloride
 Concen: 123.722 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 84 Resp: 312868
 Ion Ratio Lower Upper
 84 100
 49 119.9 96.8 145.2
 51 36.1 28.8 43.2
 86 64.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 151.690 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

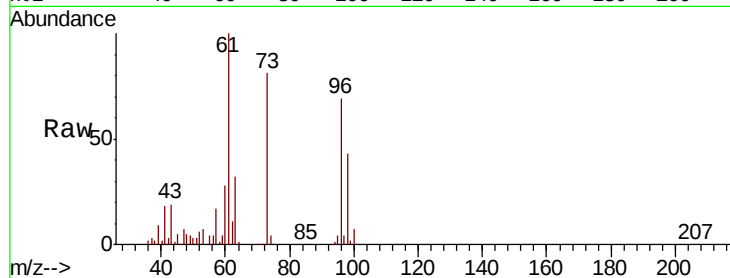
Tgt Ion: 96 Resp: 323367

Ion Ratio Lower Upper

96 100

61 145.3 117.0 175.6

98 62.8 52.2 78.2

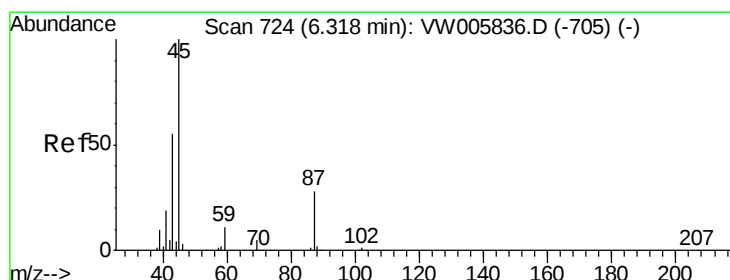
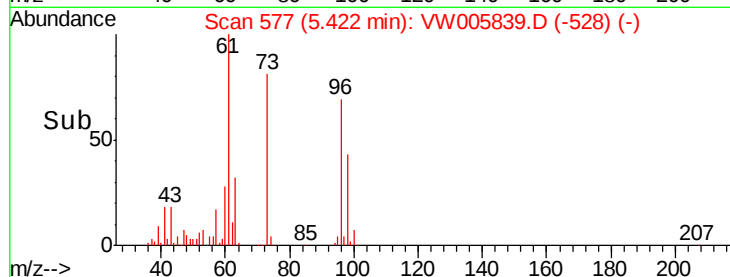
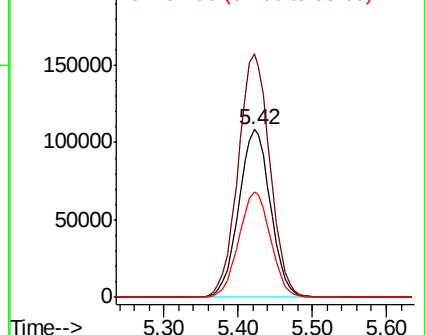


Abundance

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: 145.420 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion: 45 Resp: 949657

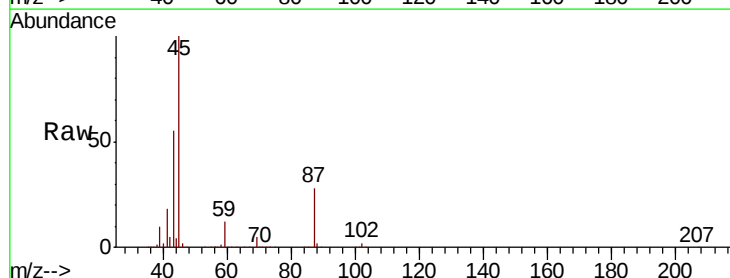
Ion Ratio Lower Upper

45 100

43 55.0 44.6 67.0

87 28.3 23.4 35.2

59 11.8 9.0 13.6



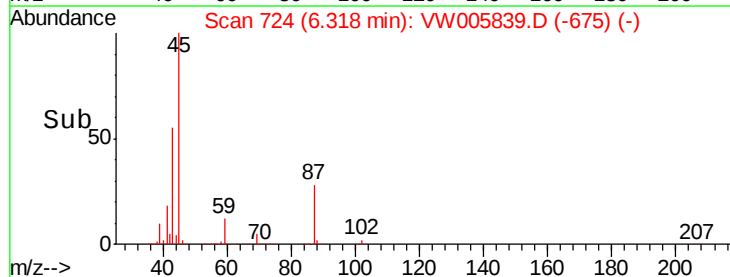
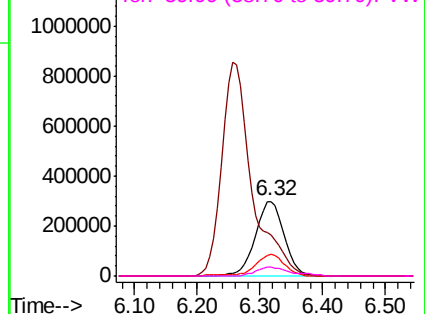
Abundance

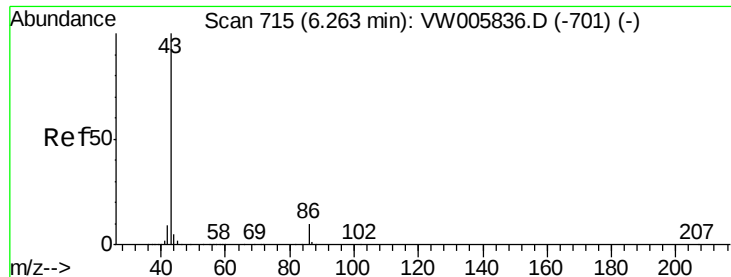
Ion 45.00 (44.70 to 45.70): VW

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: 757.132 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

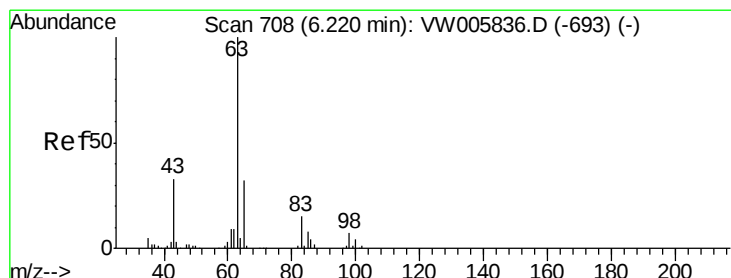
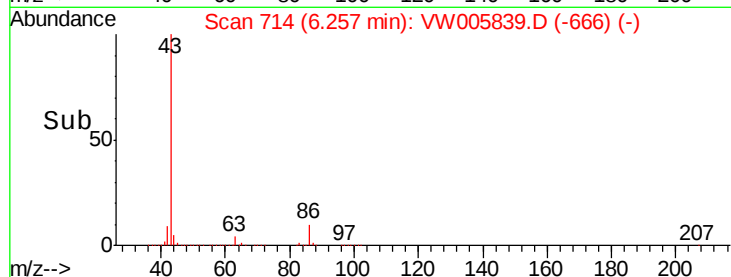
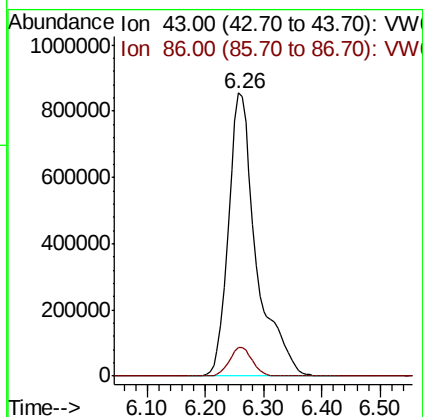
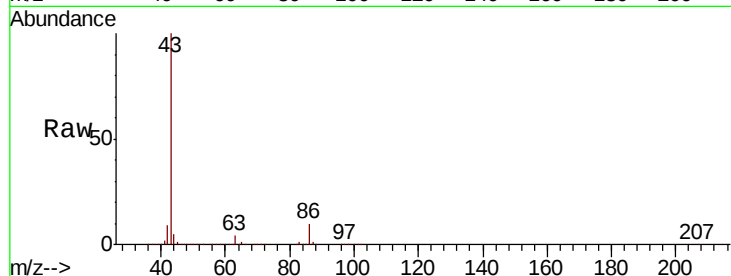
VSTDIC150

Tgt Ion: 43 Resp: 2840976

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 144.196 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

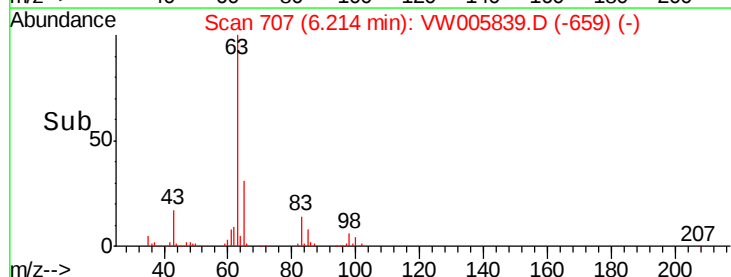
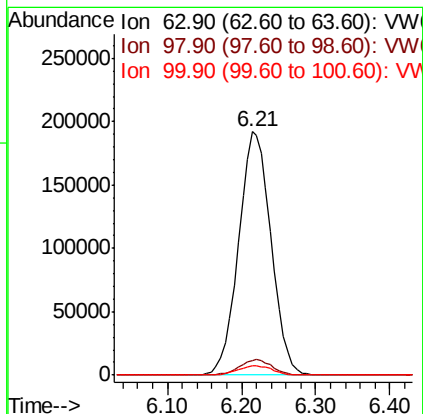
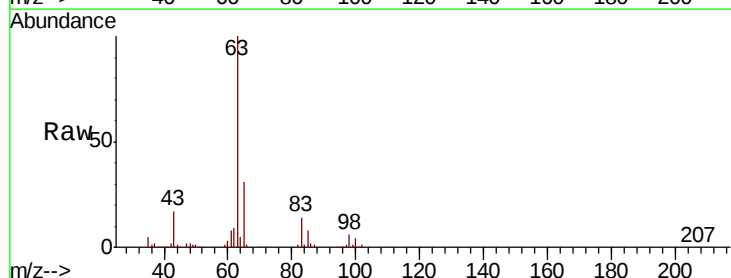
Tgt Ion: 63 Resp: 584709

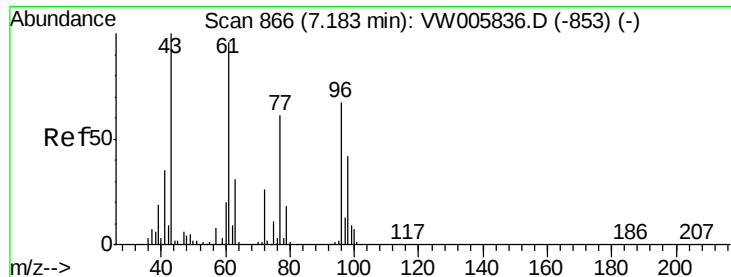
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 727.001 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

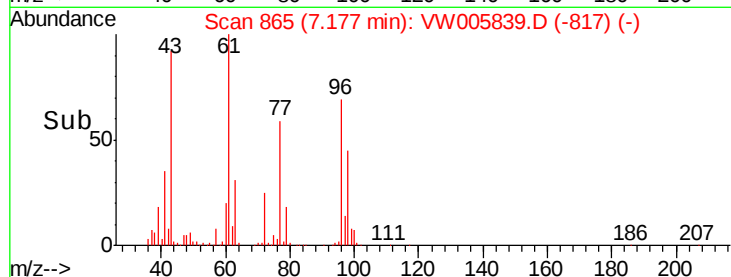
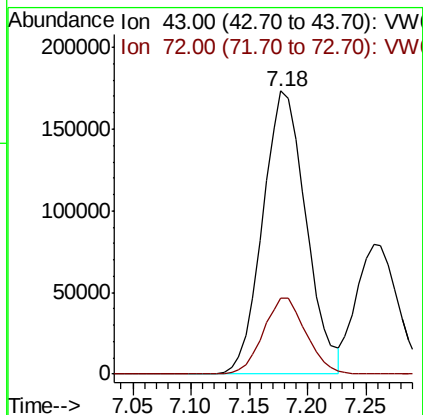
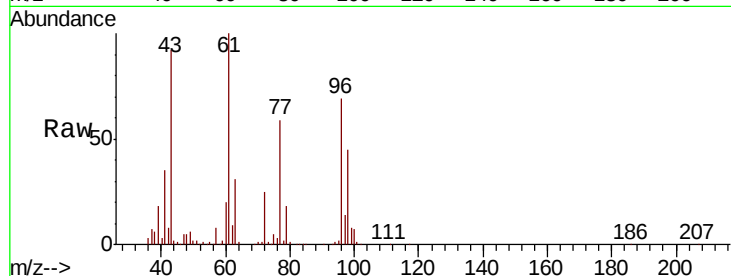
VSTDIC150

Tgt Ion: 43 Resp: 446075

Ion Ratio Lower Upper

43 100

72 27.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 123.214 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005839.D

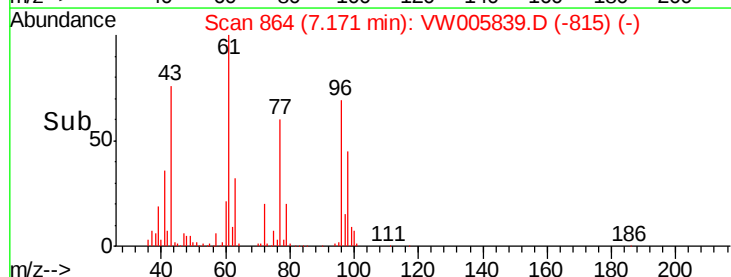
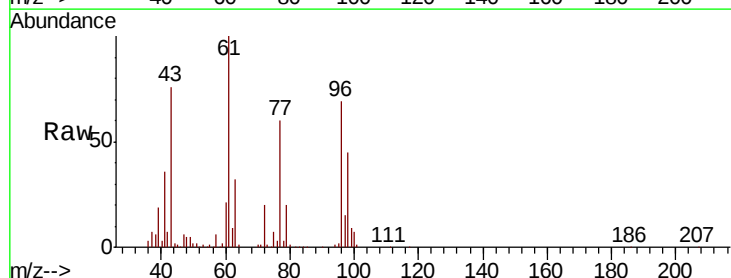
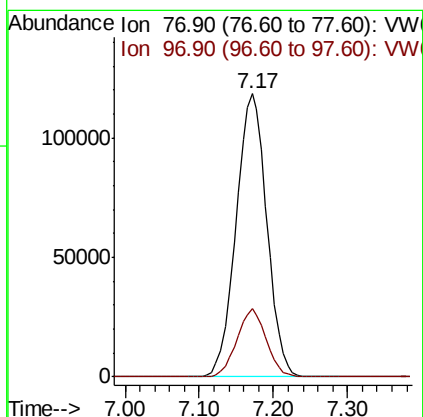
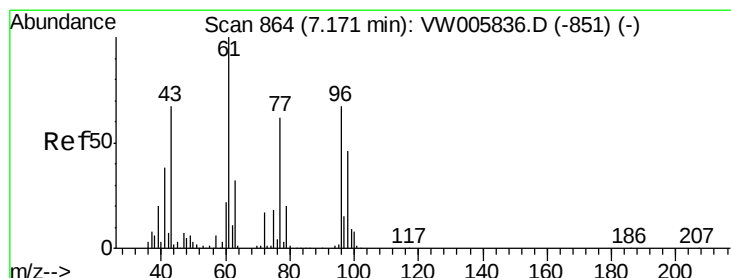
Acq: 04 Oct 2018 05:46

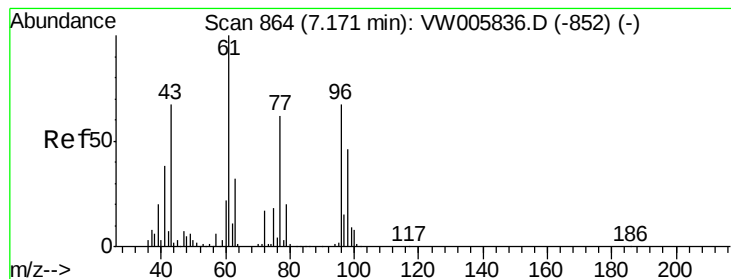
Tgt Ion: 77 Resp: 342030

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



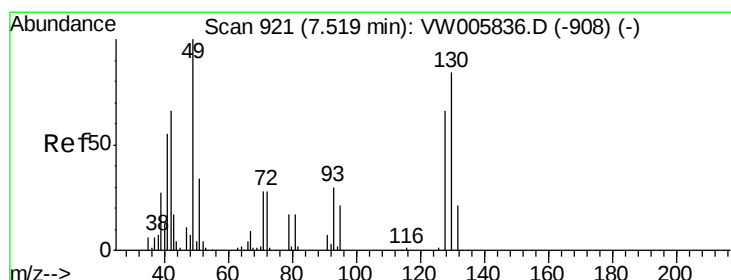
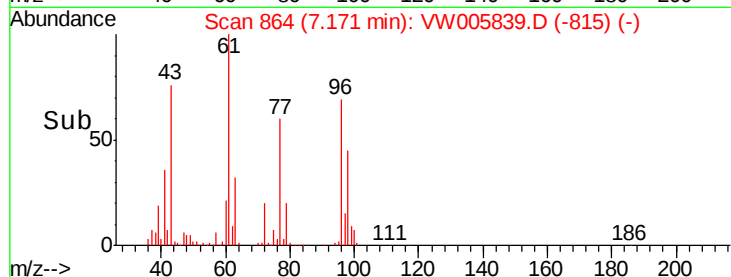
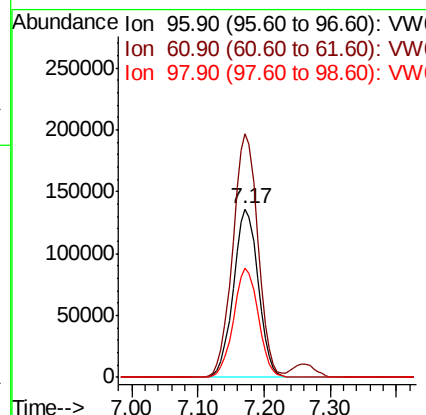
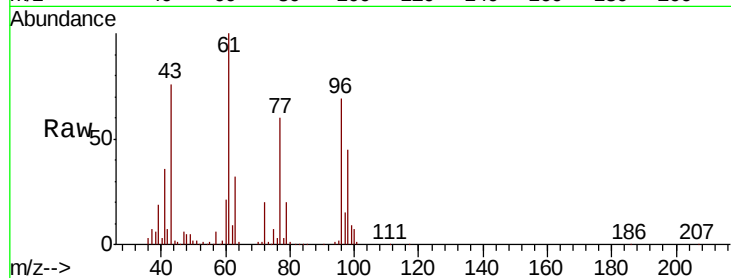


#27

cis-1,2-Dichloroethene
 Concen: 150.602 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

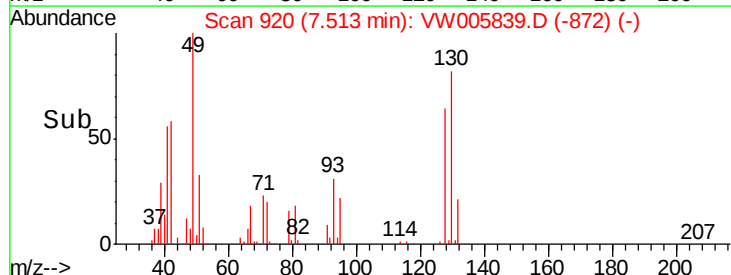
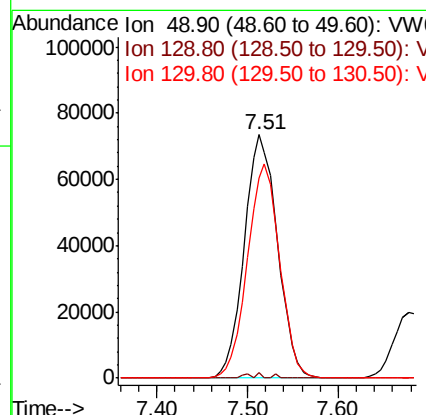
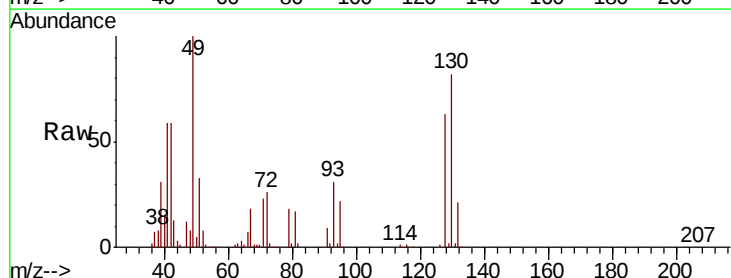
Tgt Ion: 96 Resp: 353301
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 296.4
 98 64.7 0.0 131.4

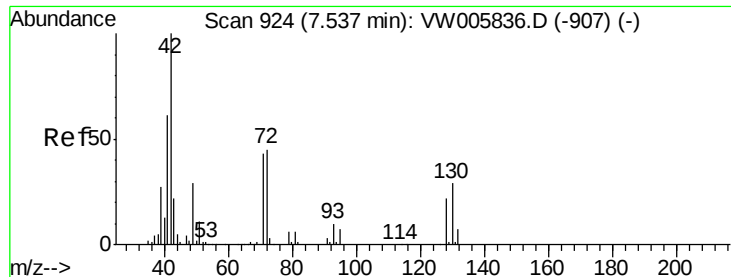


#28

Bromochloromethane
 Concen: 118.188 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 49 Resp: 186336
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 2.2
 130 85.3 66.4 99.6

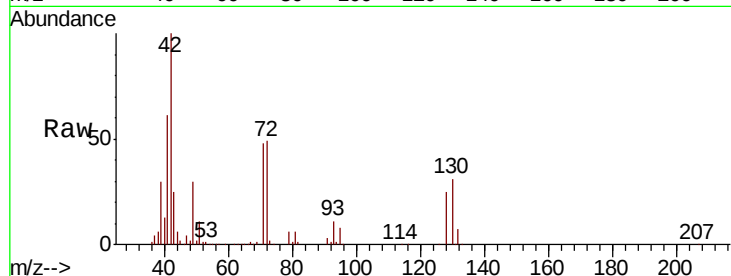




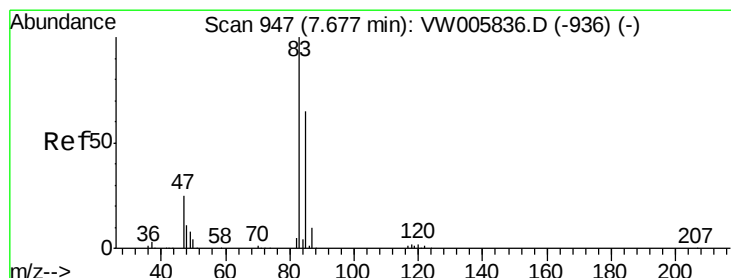
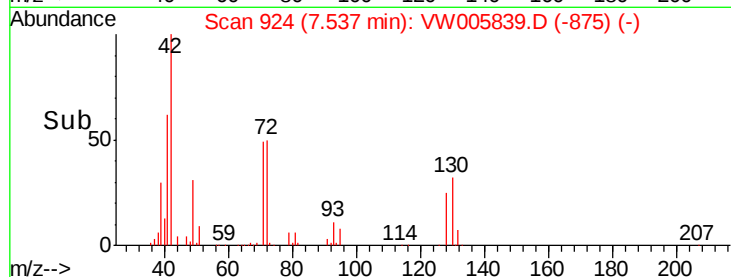
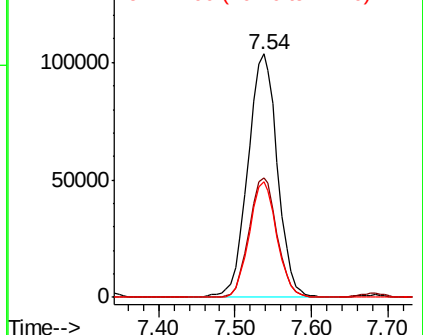
#29
Tetrahydrofuran
Concen: 725.723 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 278771
Ion Ratio Lower Upper
42 100
72 46.7 34.6 51.8
71 44.4 33.6 50.4

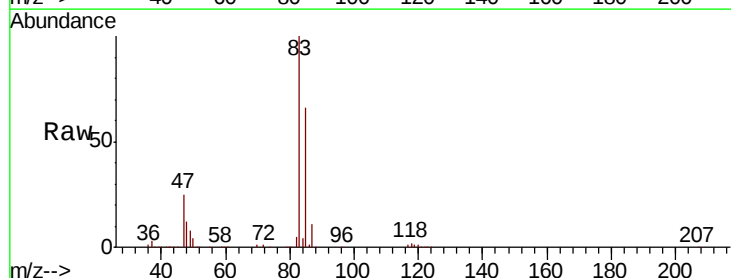


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

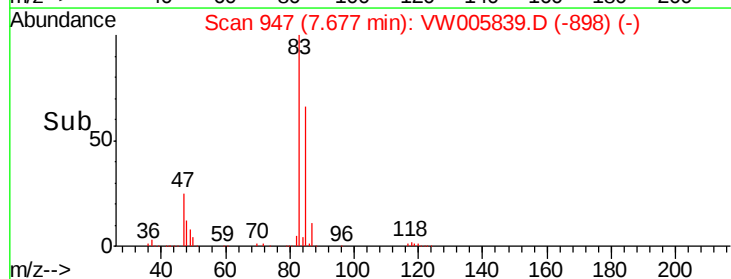
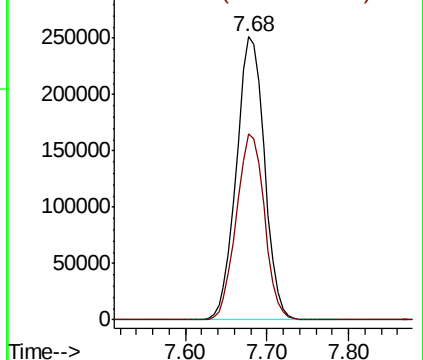


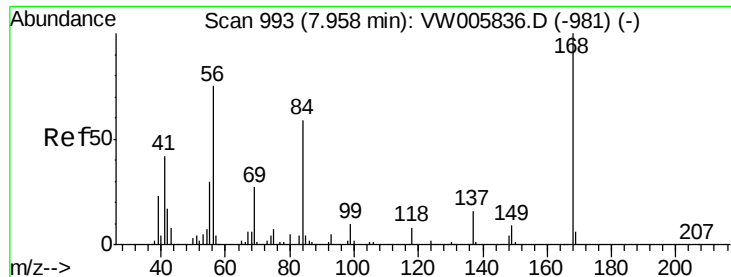
#30
Chloroform
Concen: 142.526 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 83 Resp: 599335
Ion Ratio Lower Upper
83 100
85 65.8 51.6 77.4



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

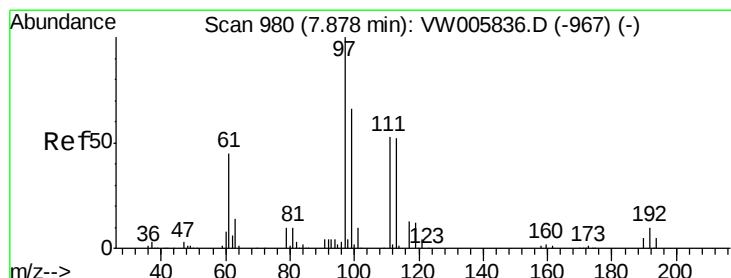
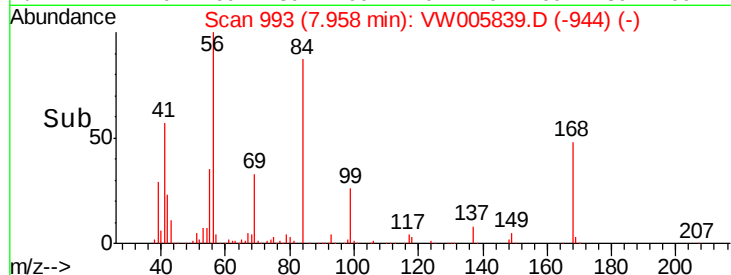
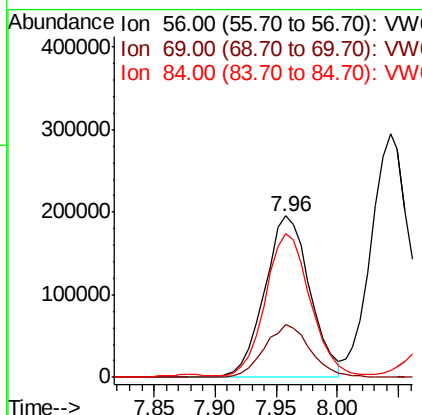
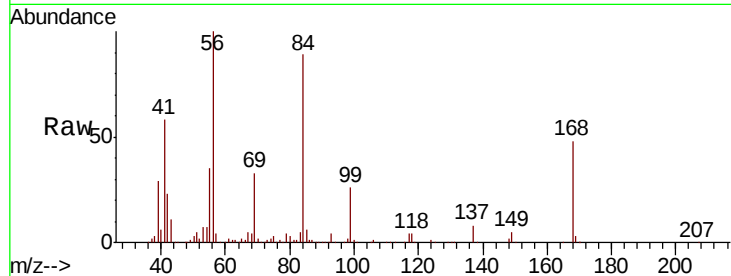




#31
Cyclohexane
Concen: 130.778 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

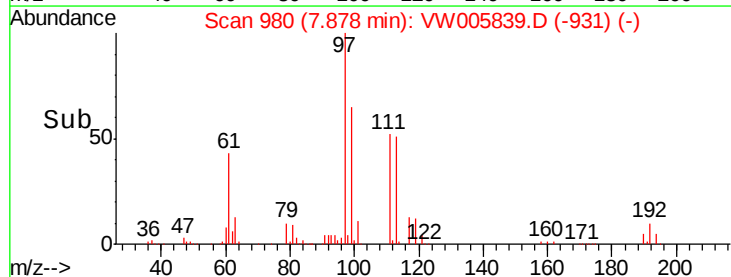
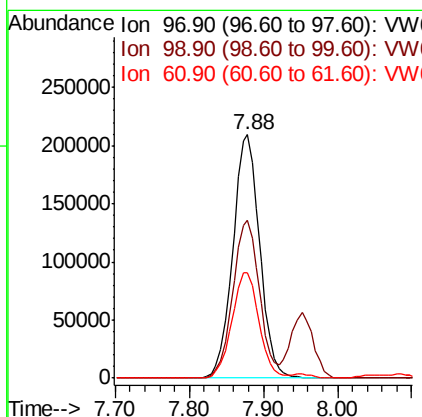
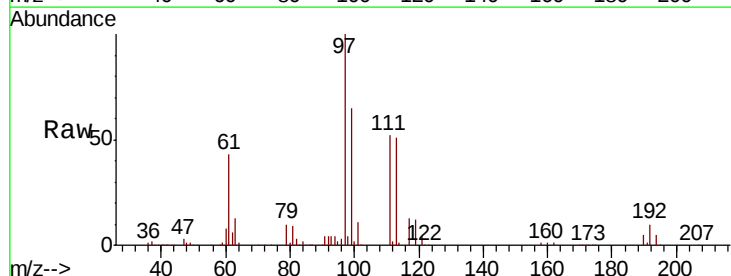
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

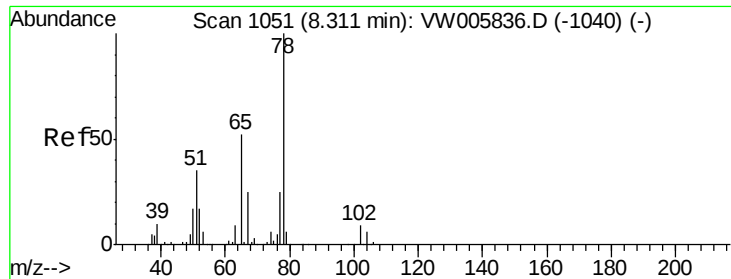
Tgt Ion: 56 Resp: 503077
Ion Ratio Lower Upper
56 100
69 33.1 29.0 43.4
84 87.3 63.5 95.3



#32
1,1,1-Trichloroethane
Concen: 143.096 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 97 Resp: 528740
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 43.7 35.5 53.3

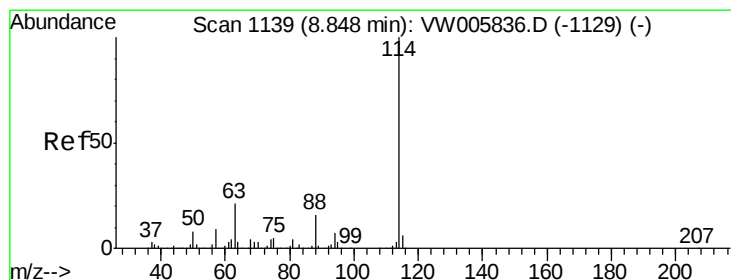
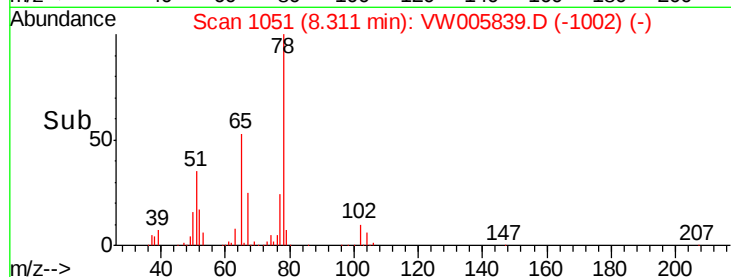
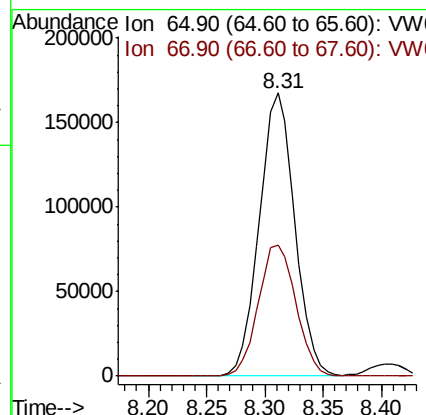
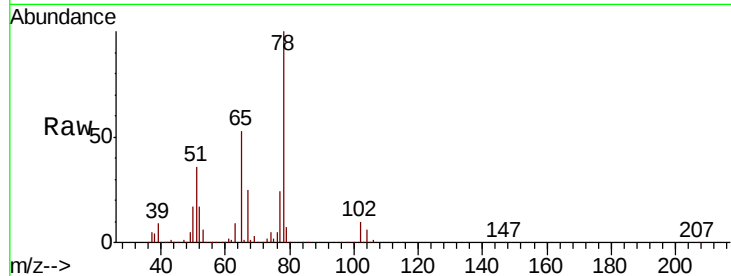




#33
 1,2-Dichloroethane-d4
 Concen: 142.504 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

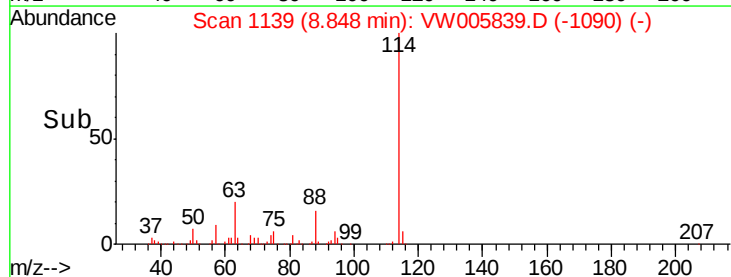
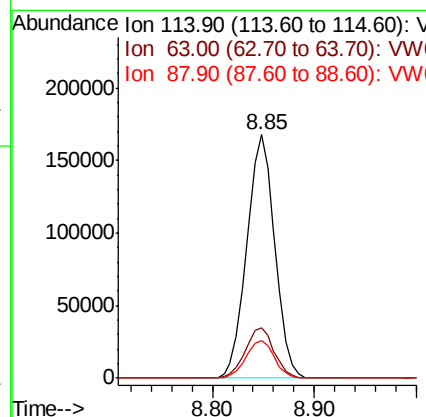
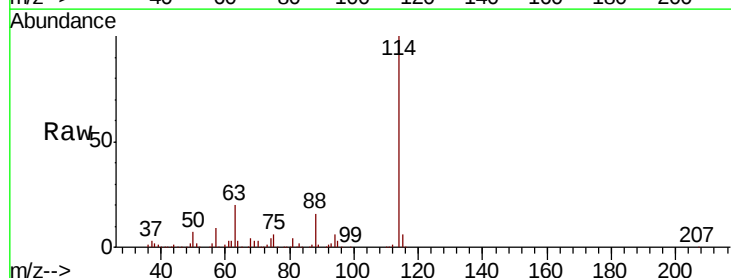
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

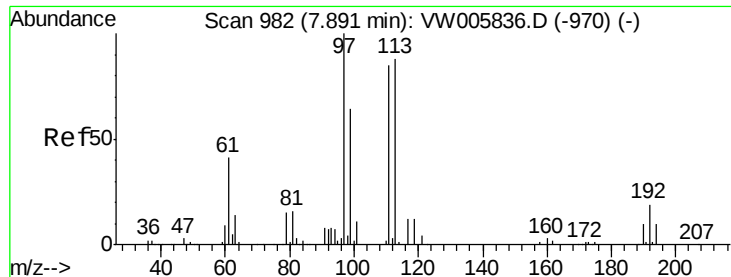
Tgt Ion: 65 Resp: 356428
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 114 Resp: 319008
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 15.6 0.0 31.2

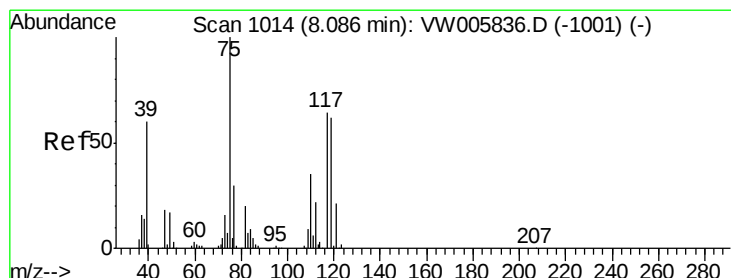
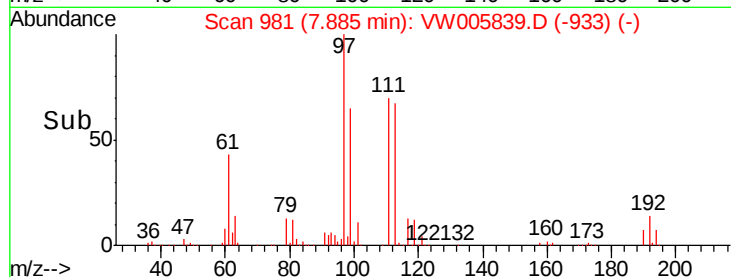
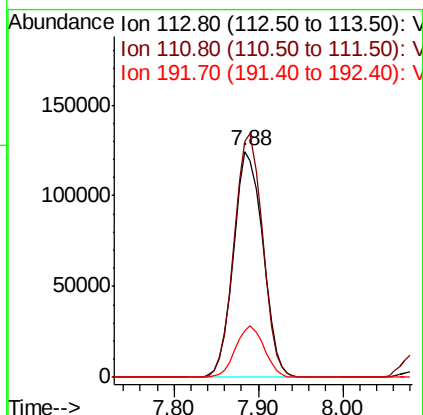
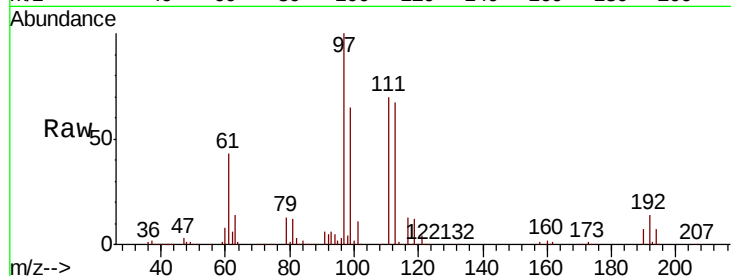




#35
 Dibromofluoromethane
 Concen: 145.508 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

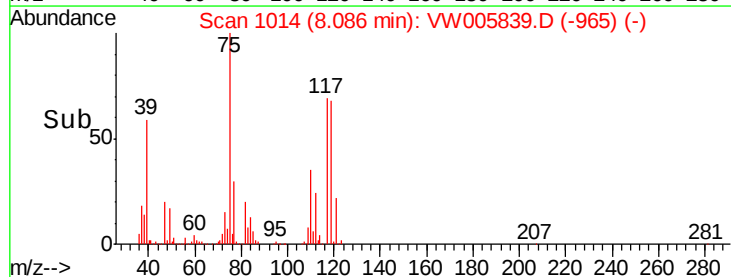
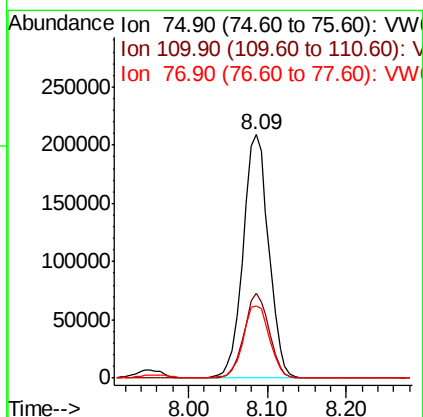
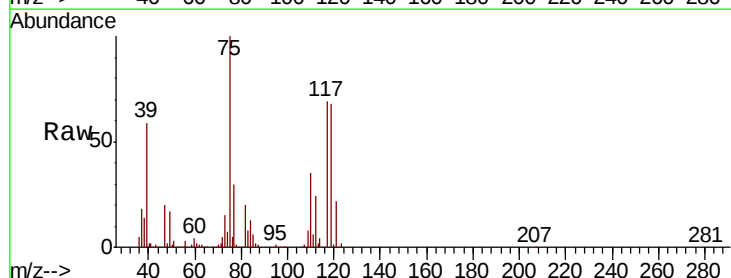
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

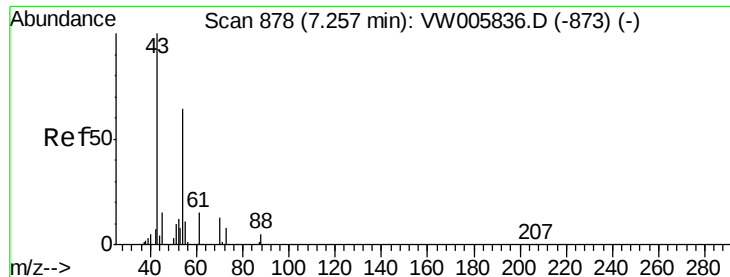
Tgt Ion: 113 Resp: 293996
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.4 122.2
 192 22.0 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 145.448 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 75 Resp: 470334
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.5 52.6
 77 30.8 24.8 37.2

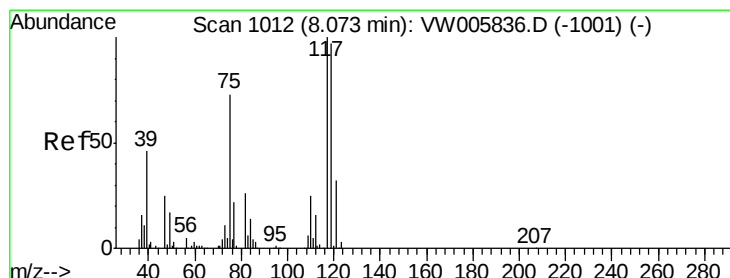
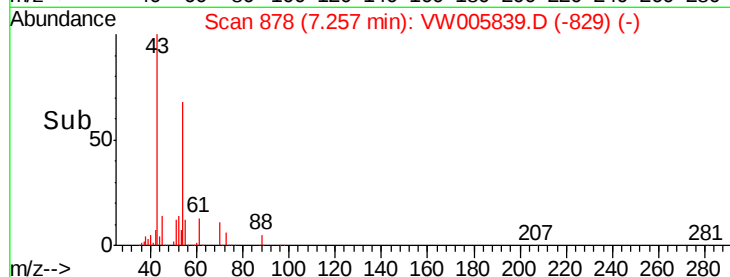
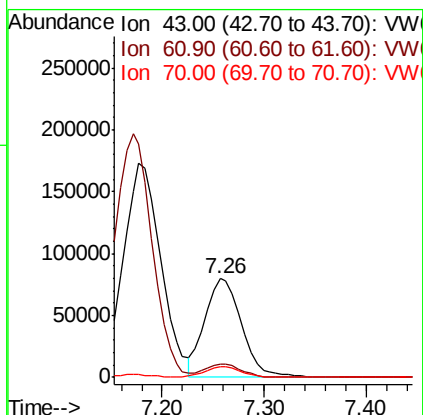
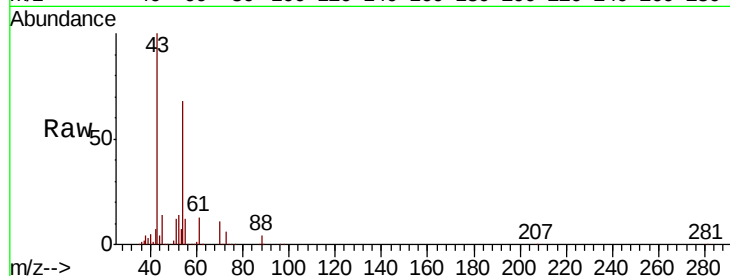




#37
Ethyl Acetate
Concen: 146.336 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

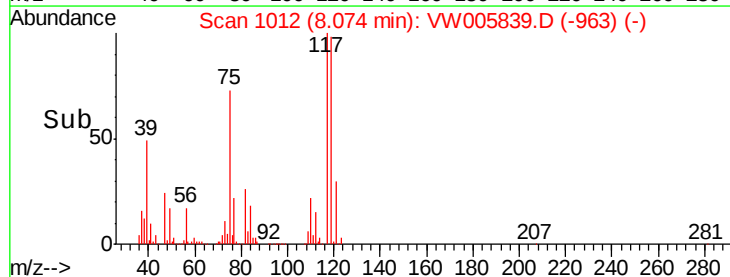
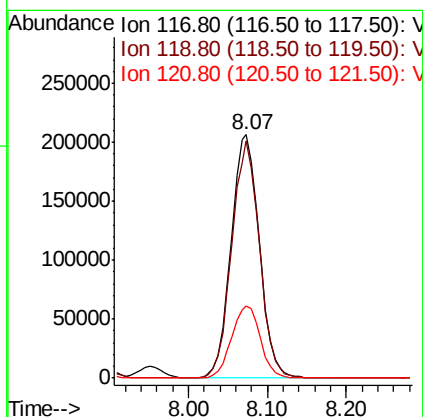
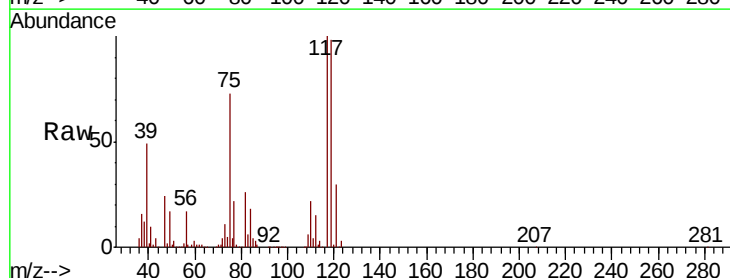
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

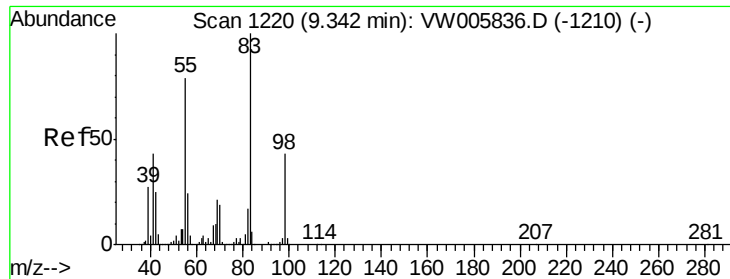
Tgt Ion: 43 Resp: 200548
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 147.826 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 117 Resp: 512811
Ion Ratio Lower Upper
117 100
119 97.6 77.9 116.9
121 29.5 25.2 37.8

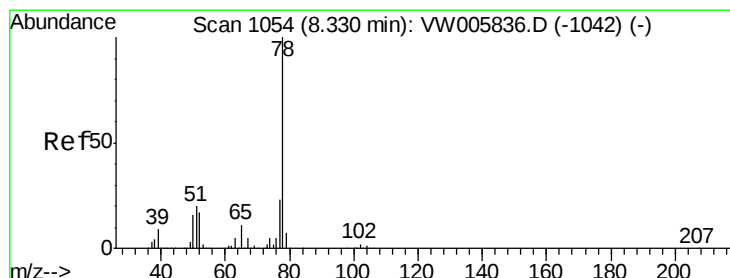
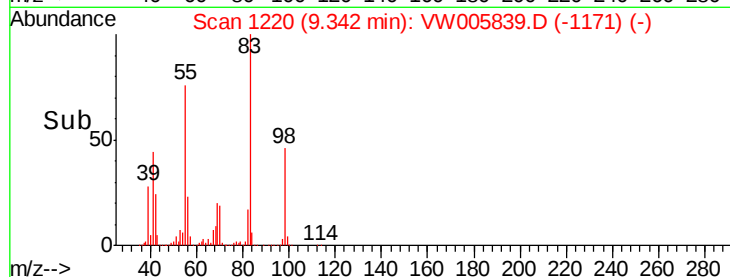
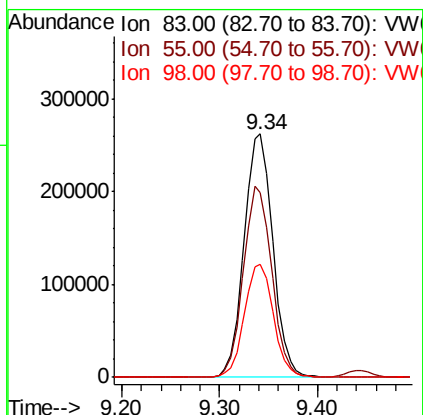
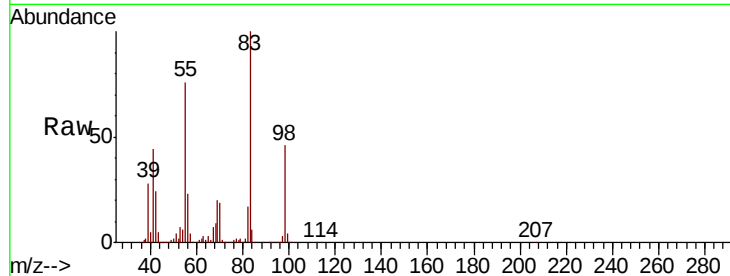




#39
Methylcyclohexane
Concen: 140.969 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

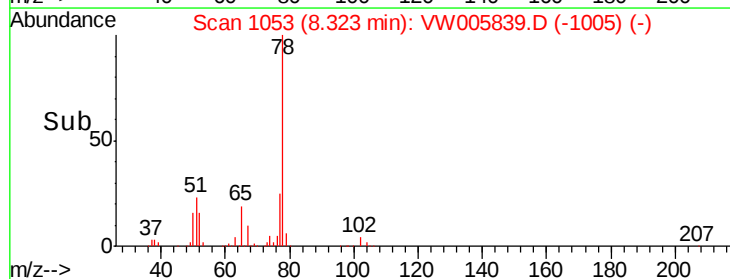
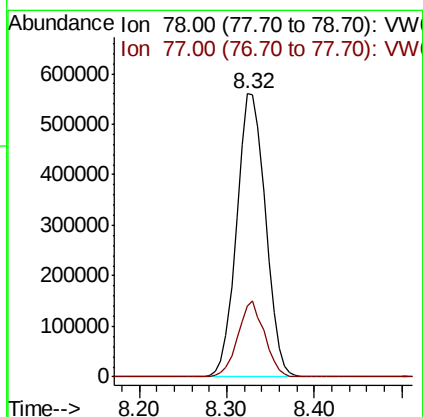
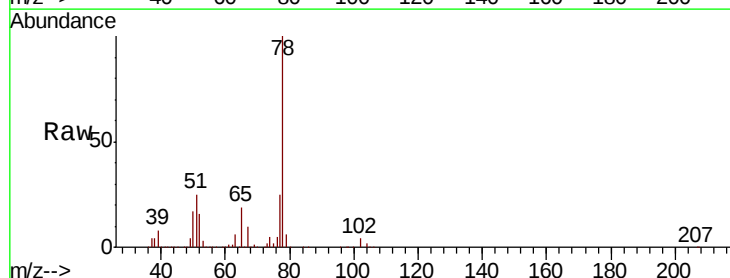
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

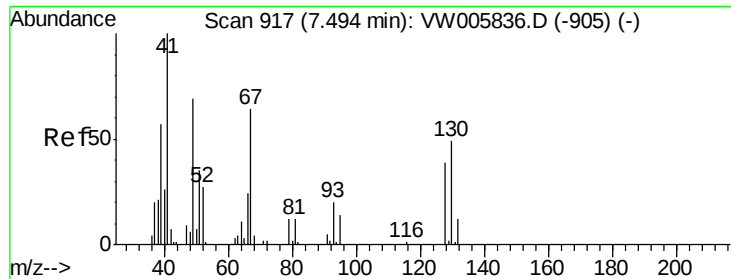
Tgt Ion: 83 Resp: 535956
Ion Ratio Lower Upper
83 100
55 76.1 63.0 94.4
98 46.4 34.5 51.7



#40
Benzene
Concen: 139.648 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 78 Resp: 1283905
Ion Ratio Lower Upper
78 100
77 24.9 18.6 28.0





#41

Methacrylonitrile

Concen: 152.805 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 121127

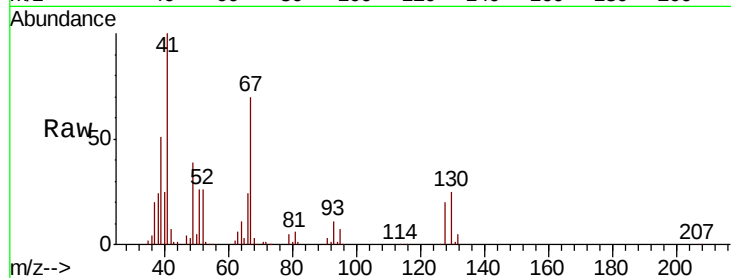
Ion Ratio Lower Upper

41 100

39 60.5 45.6 68.4

67 72.7 53.6 80.4

52 30.2 23.9 35.9

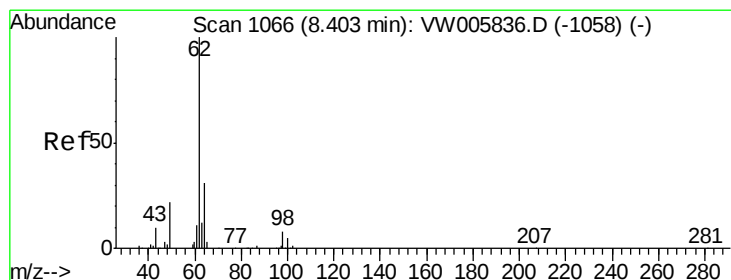
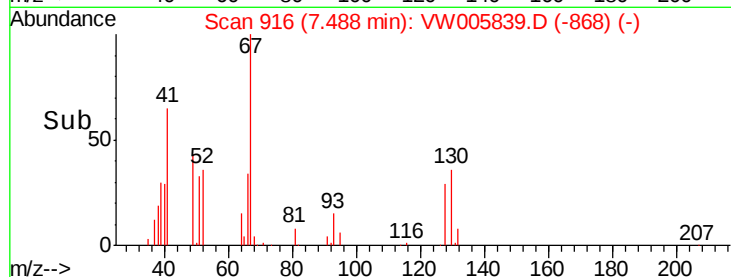
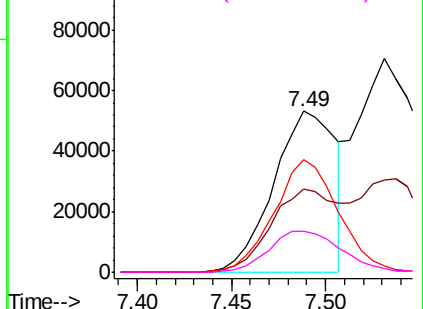


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 144.335 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW005839.D

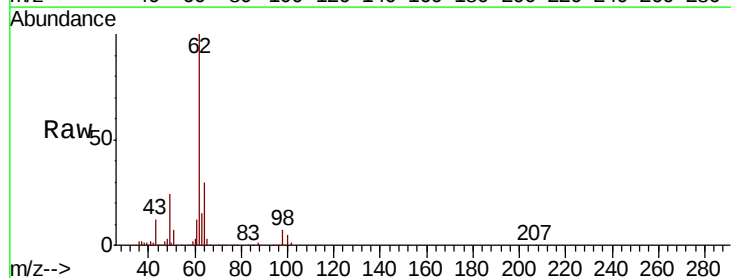
Acq: 04 Oct 2018 05:46

Tgt Ion: 62 Resp: 429918

Ion Ratio Lower Upper

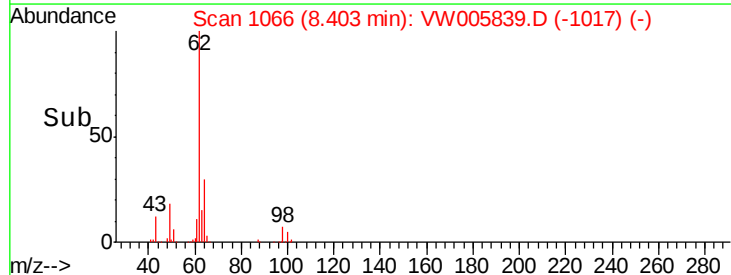
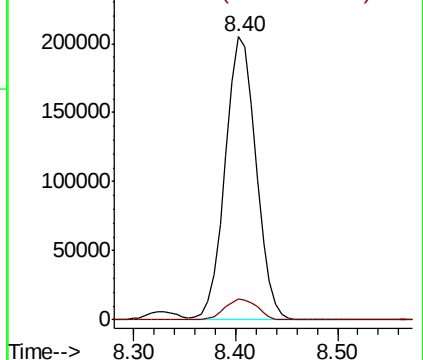
62 100

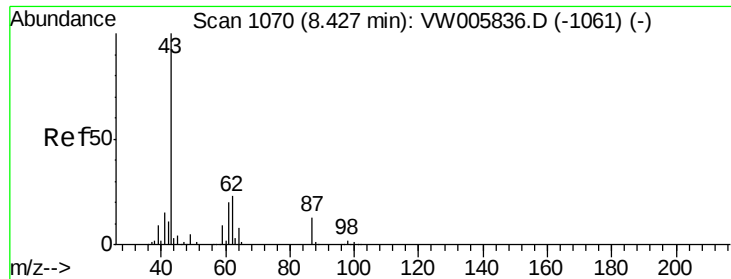
98 8.0 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 148.706 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

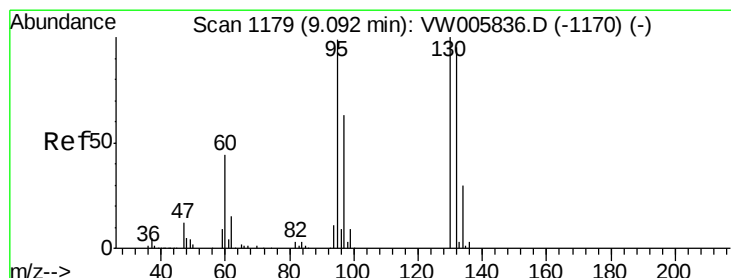
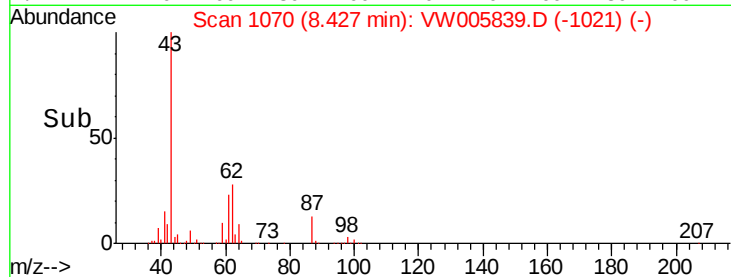
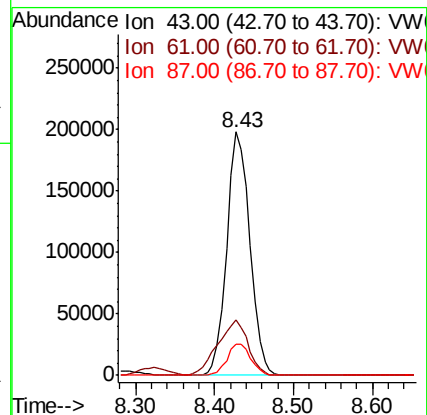
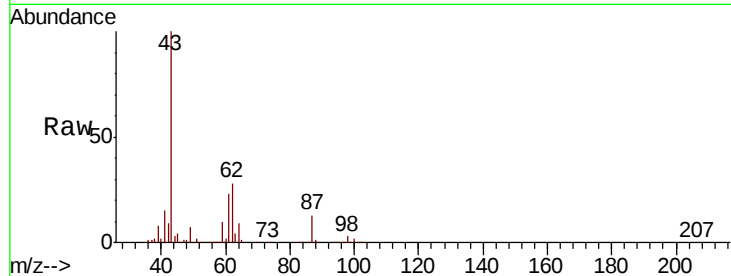
Tgt Ion: 43 Resp: 402860

Ion Ratio Lower Upper

43 100

61 29.7 24.1 36.1

87 13.2 10.6 16.0



#44

Trichloroethene

Concen: 143.431 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW005839.D

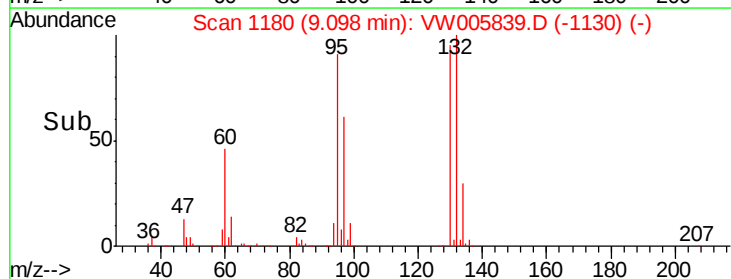
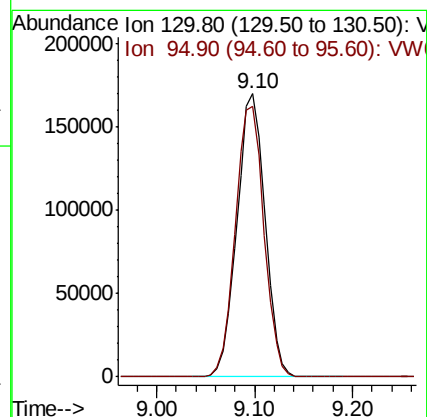
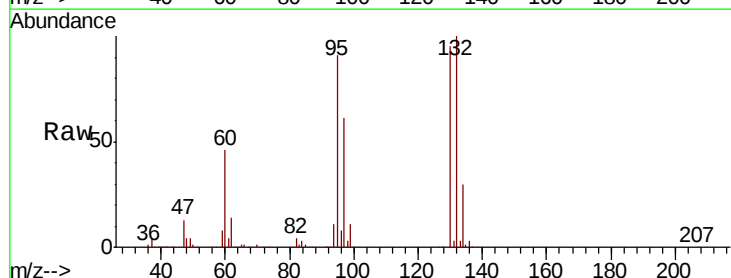
Acq: 04 Oct 2018 05:46

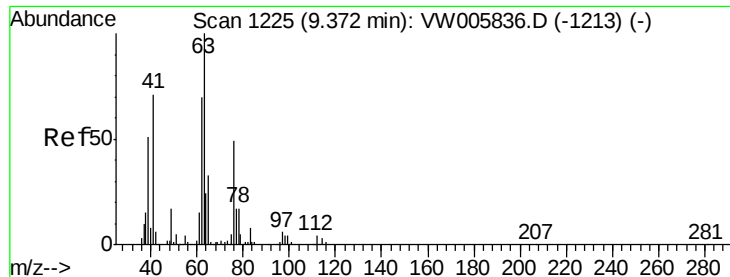
Tgt Ion: 130 Resp: 338681

Ion Ratio Lower Upper

130 100

95 95.7 0.0 197.6

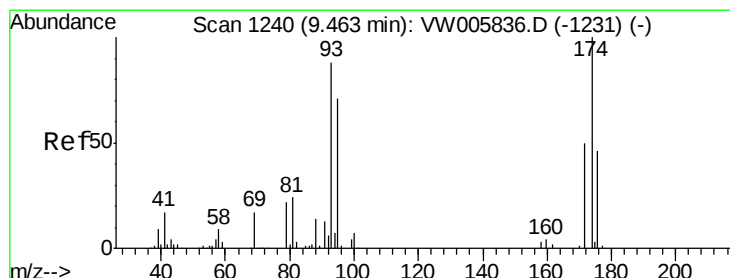
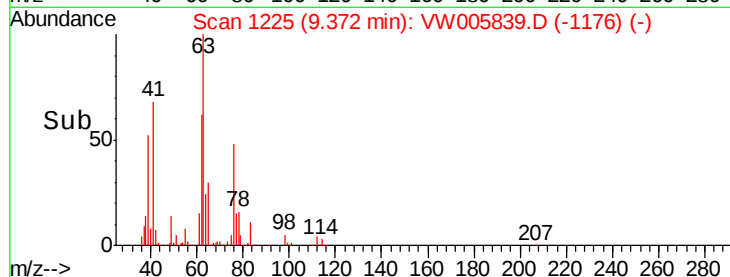
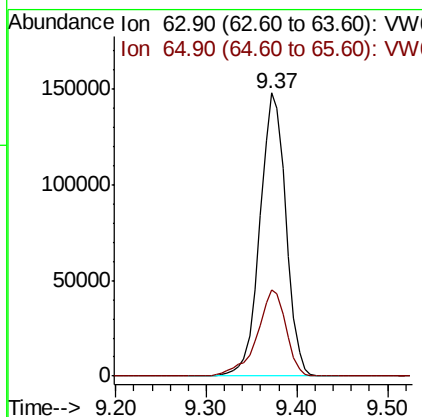
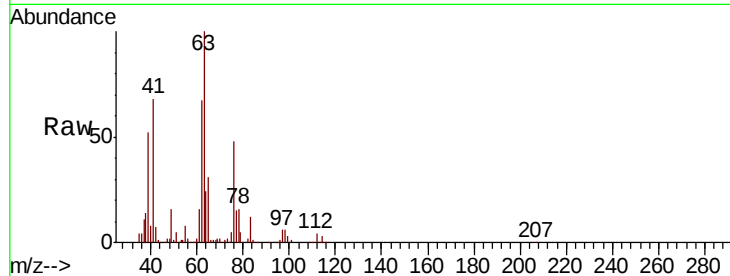




#45
 1,2-Dichloropropane
 Concen: 130.352 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

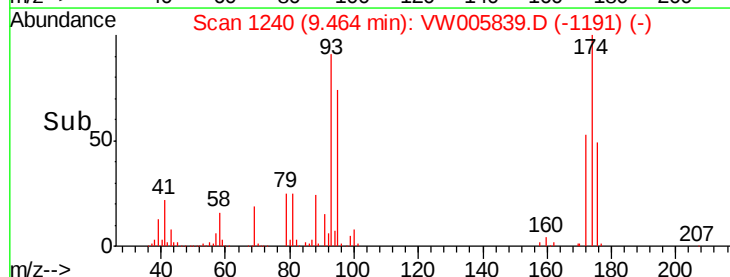
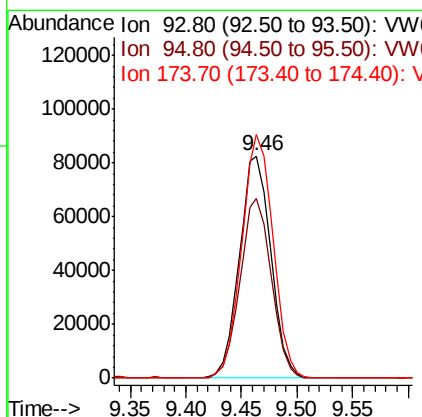
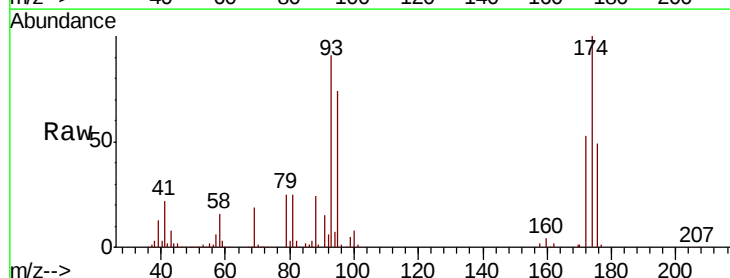
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

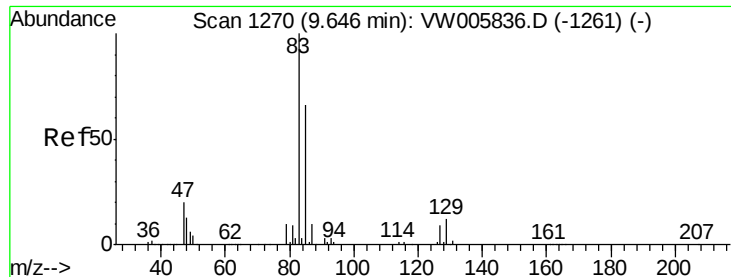
Tgt Ion: 63 Resp: 291923
 Ion Ratio Lower Upper
 63 100
 65 30.6 26.1 39.1



#46
 Dibromomethane
 Concen: 141.794 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 93 Resp: 161949
 Ion Ratio Lower Upper
 93 100
 95 80.5 65.9 98.9
 174 109.4 88.4 132.6





#47

Bromodichloromethane

Concen: 142.153 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

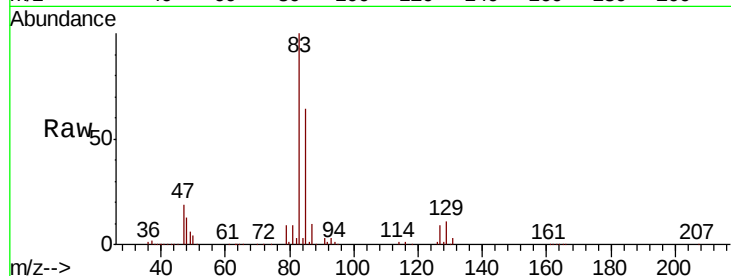
Tgt Ion: 83 Resp: 432674

Ion Ratio Lower Upper

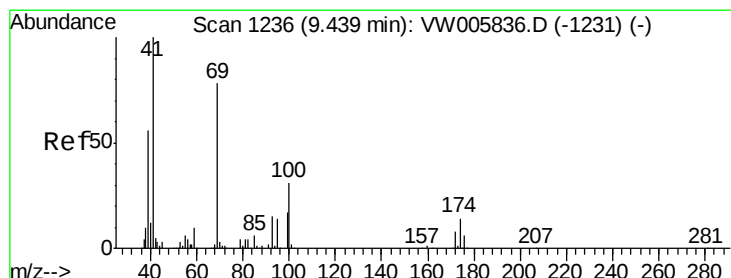
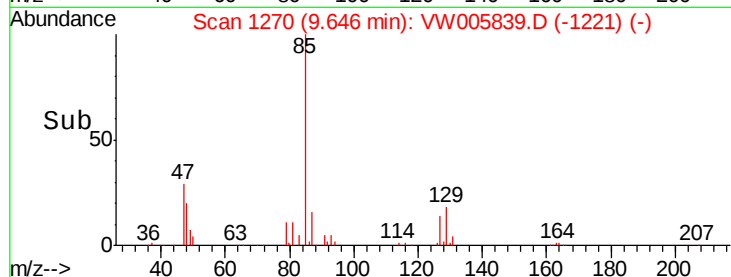
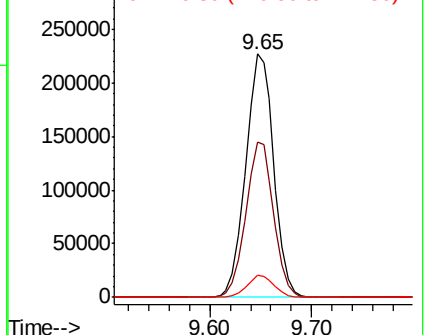
83 100

85 63.7 52.6 78.8

127 9.0 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: 154.030 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

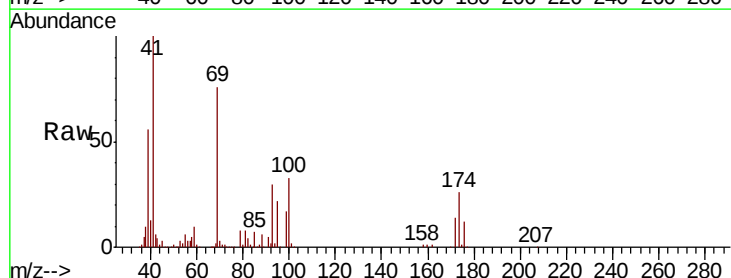
Tgt Ion: 41 Resp: 198462

Ion Ratio Lower Upper

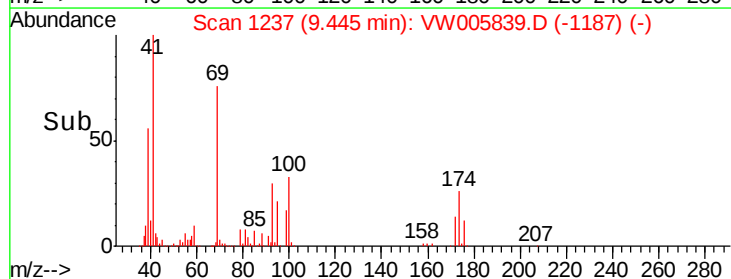
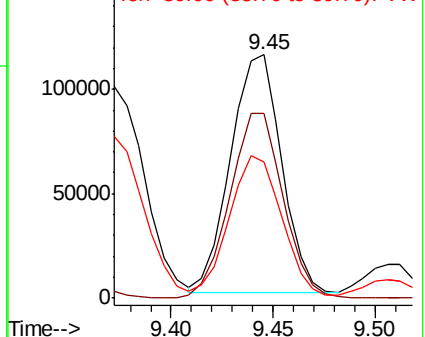
41 100

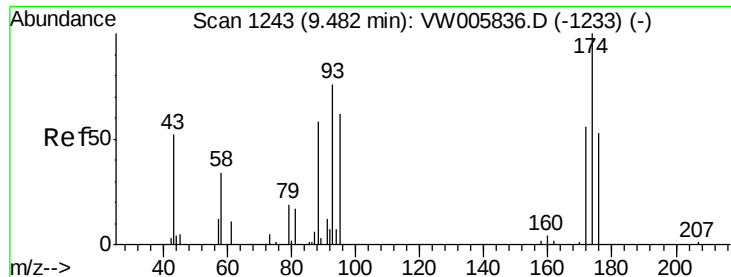
69 81.1 66.4 99.6

39 62.0 50.1 75.1



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





#49

1,4-Dioxane

Concen: 2902.056 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

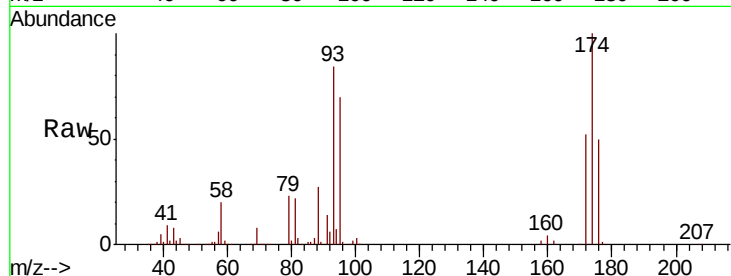
Tgt Ion: 88 Resp: 52905

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.2 58.1 87.1

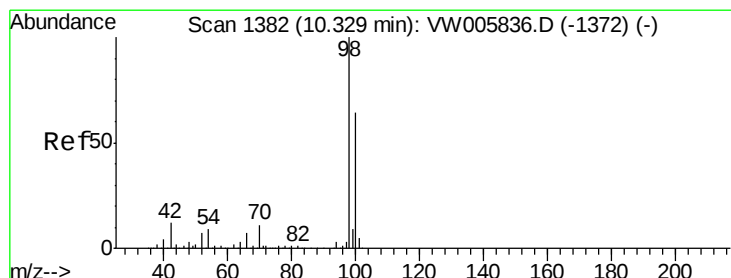
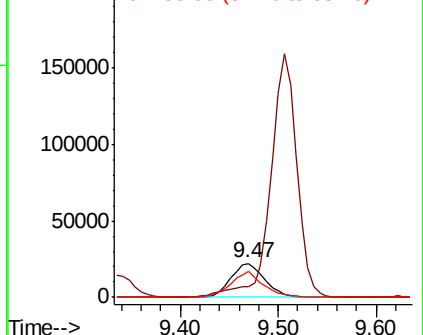
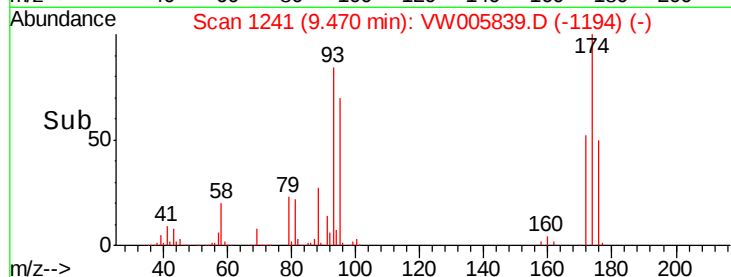


Abundance

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: 150.103 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005839.D

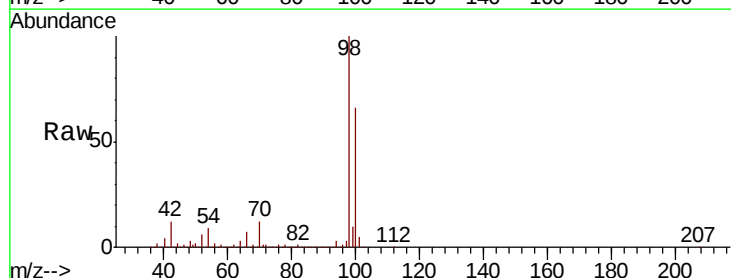
Acq: 04 Oct 2018 05:46

Tgt Ion: 98 Resp: 1227958

Ion Ratio Lower Upper

98 100

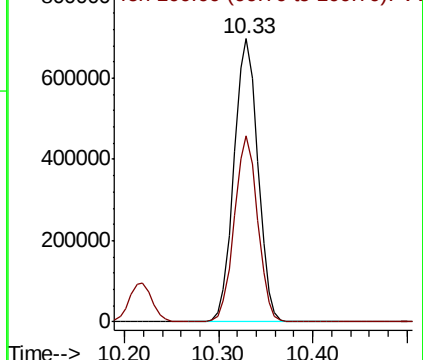
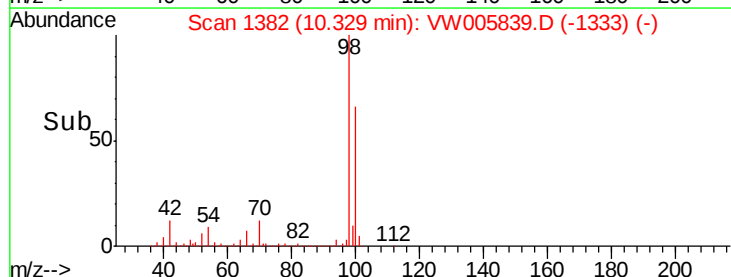
100 64.1 51.7 77.5

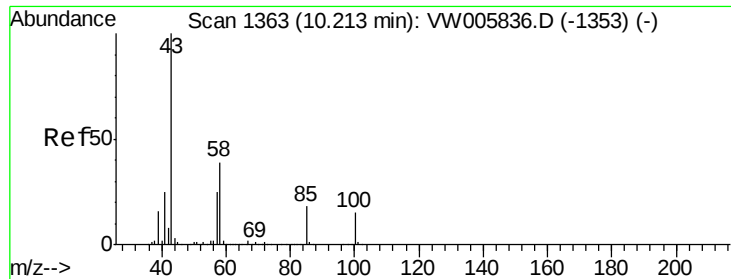


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

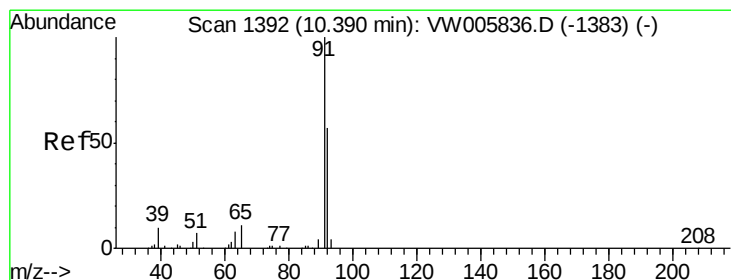
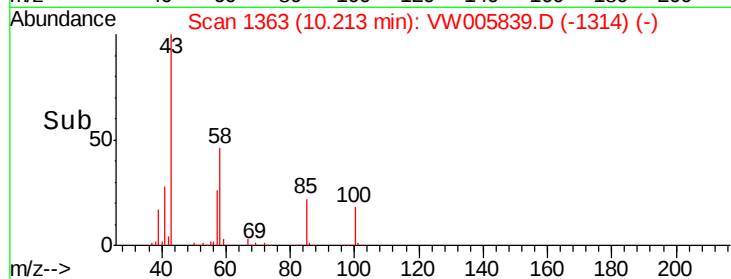
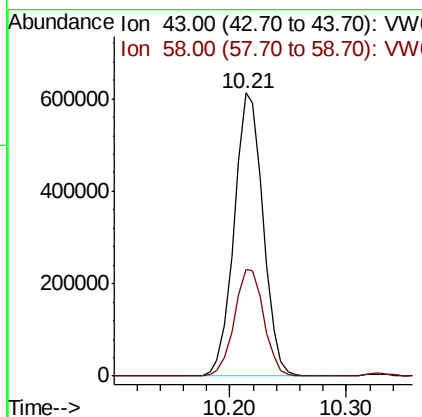
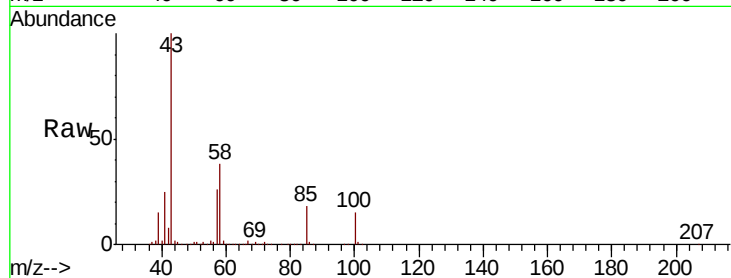




#51
 4-Methyl-2-Pentanone
 Concen: 774.643 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

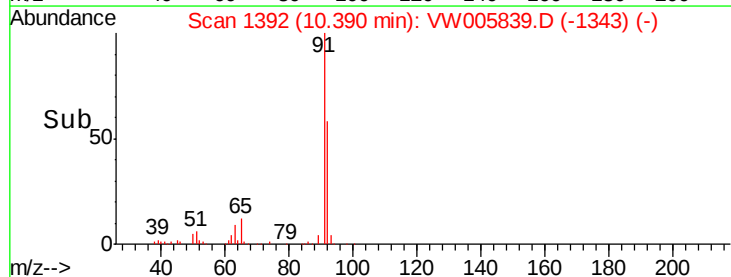
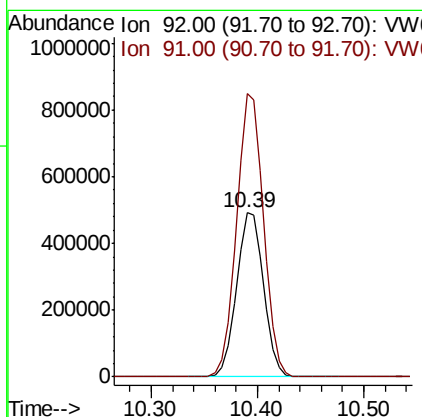
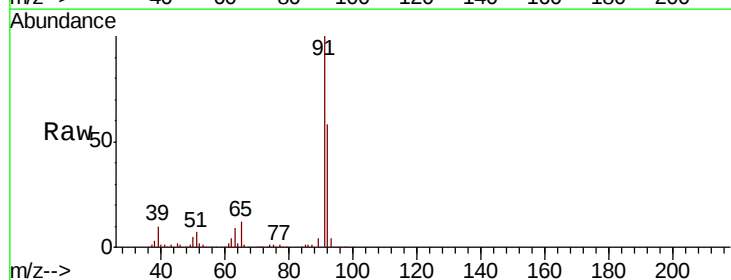
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

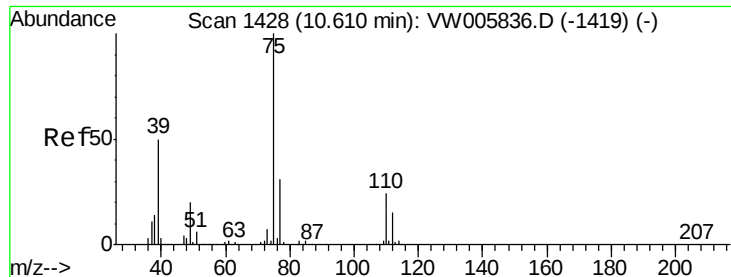
Tgt Ion: 43 Resp: 1060564
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 45.8



#52
 Toluene
 Concen: 152.077 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 92 Resp: 874417
 Ion Ratio Lower Upper
 92 100
 91 172.0 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 154.160 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

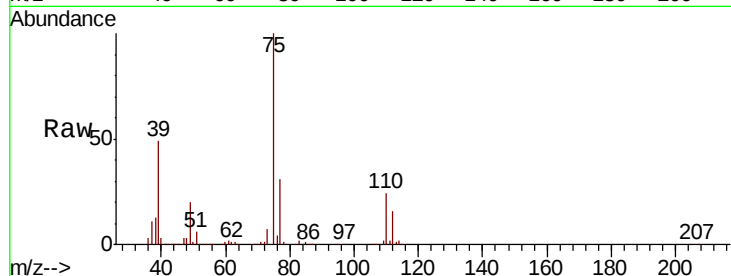
VSTDIC150

Tgt Ion: 75 Resp: 469975

Ion Ratio Lower Upper

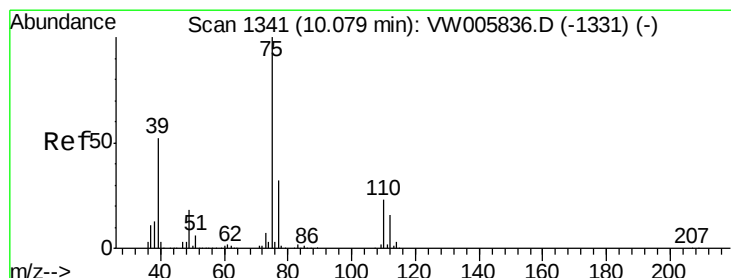
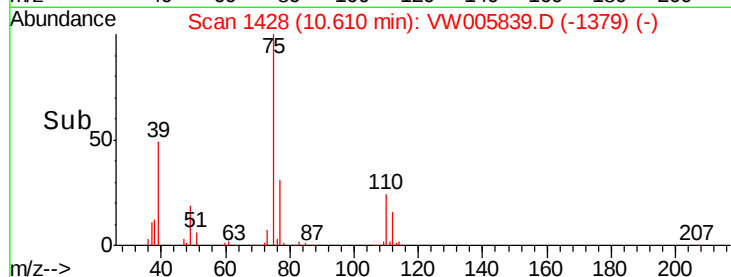
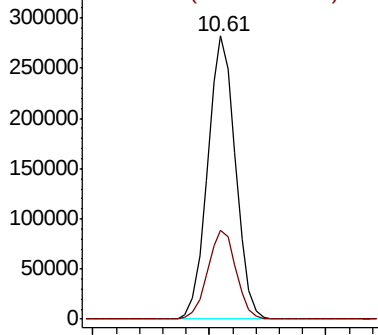
75 100

77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 152.668 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

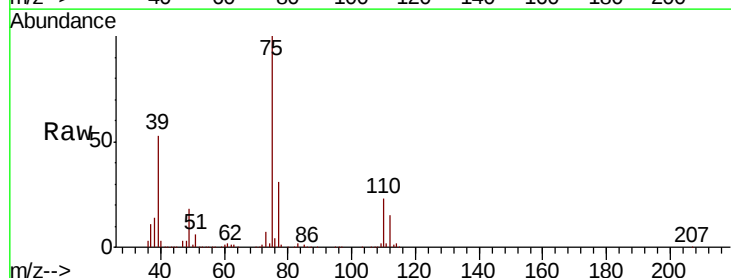
Tgt Ion: 75 Resp: 520848

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

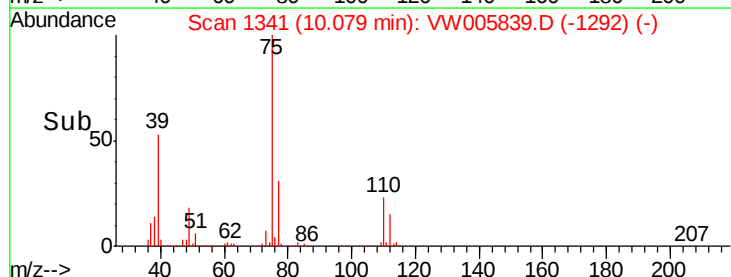
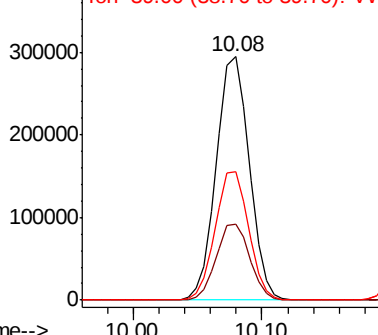
39 52.9 41.9 62.9

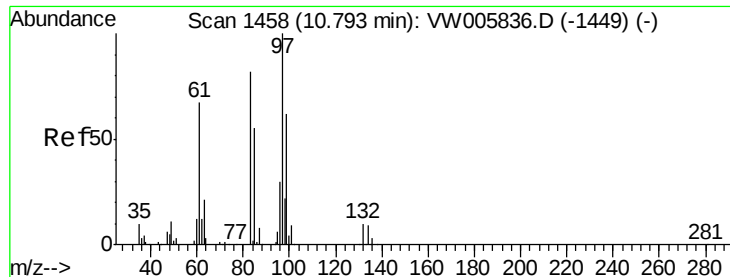


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

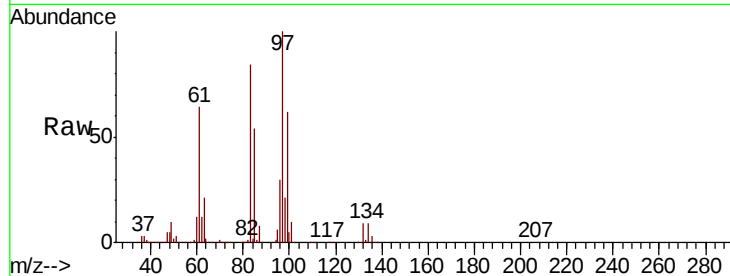




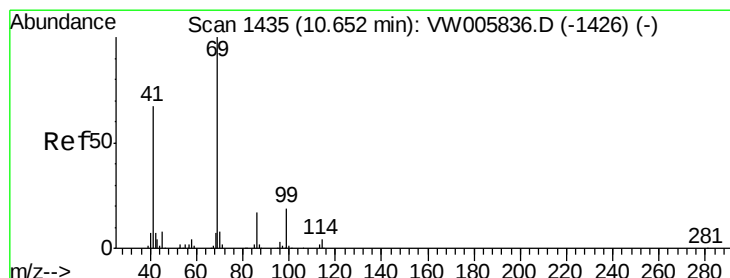
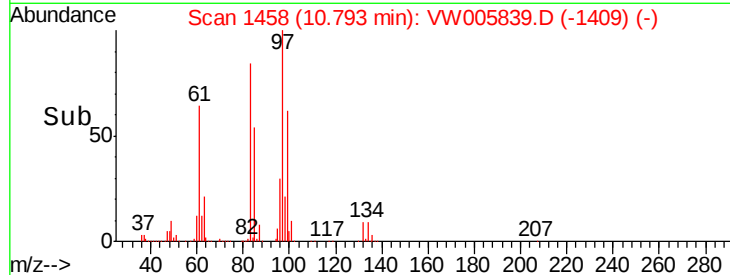
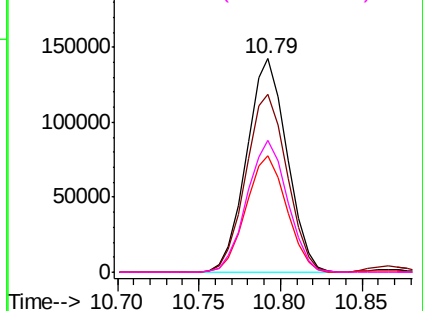
#55
 1,1,2-Trichloroethane
 Concen: 150.916 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	245261
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.9	98.9
85	54.4	44.2	66.2
99	61.6	49.2	73.8

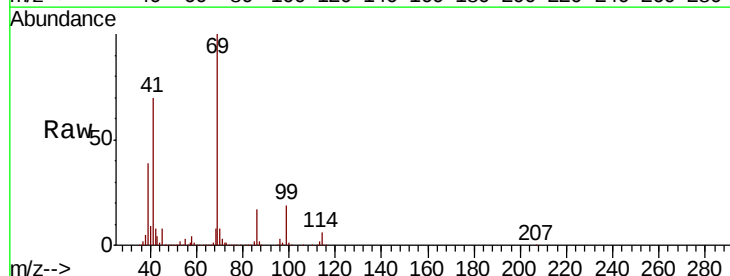


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

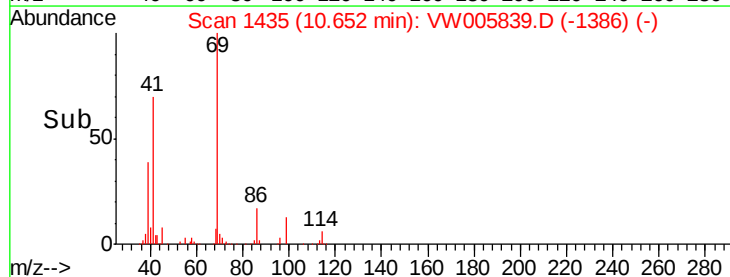
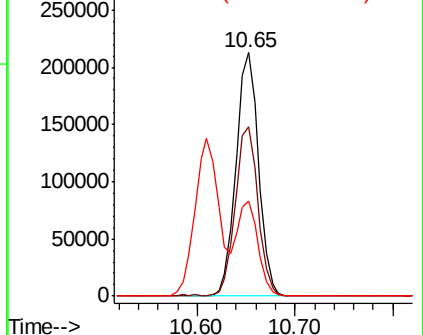


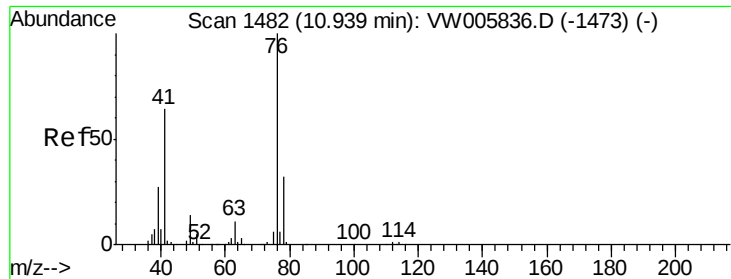
#56
 Ethyl methacrylate
 Concen: 169.686 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion:	69	Resp:	340165
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.6
39	35.6	29.3	43.9



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

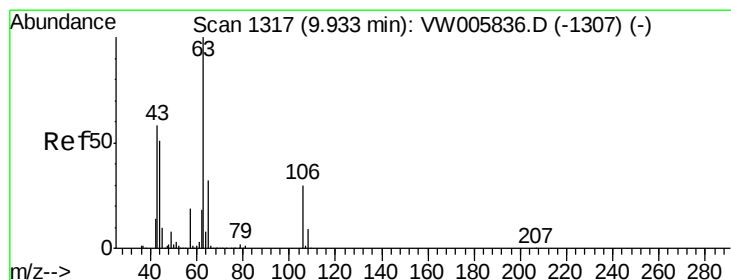
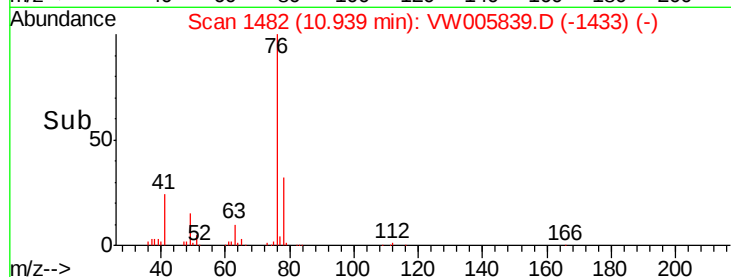
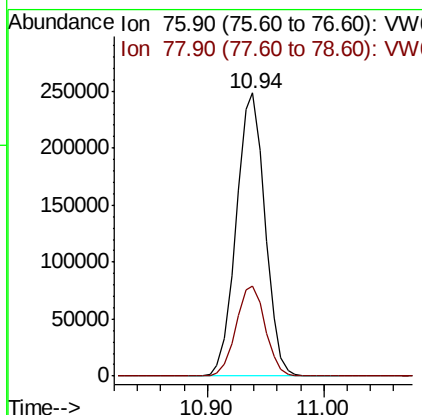
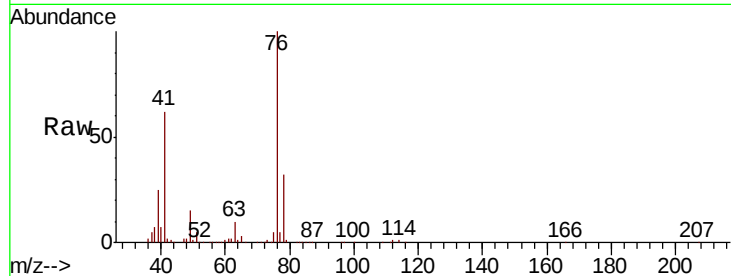




#57
 1,3-Dichloropropane
 Concen: 149.121 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

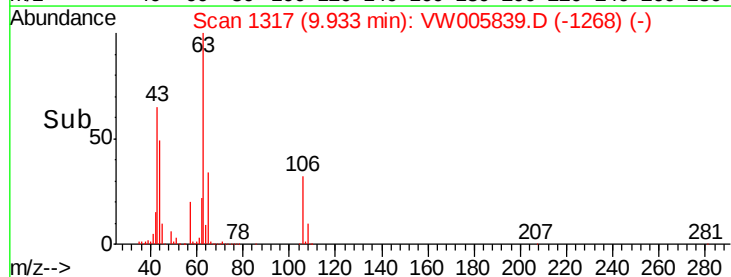
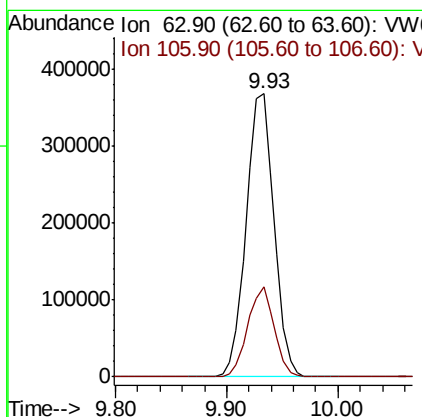
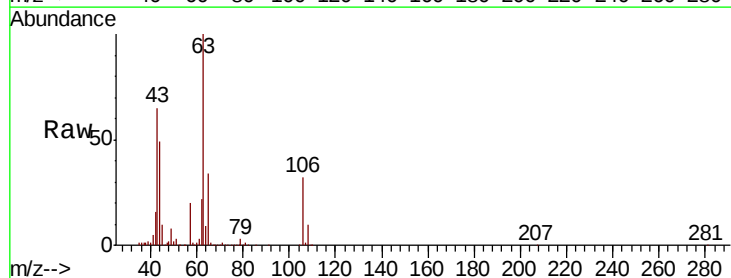
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

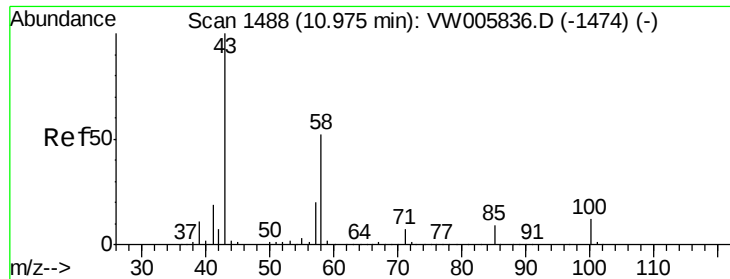
Tgt Ion: 76 Resp: 427287
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 719.314 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 63 Resp: 640809
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.7 35.5

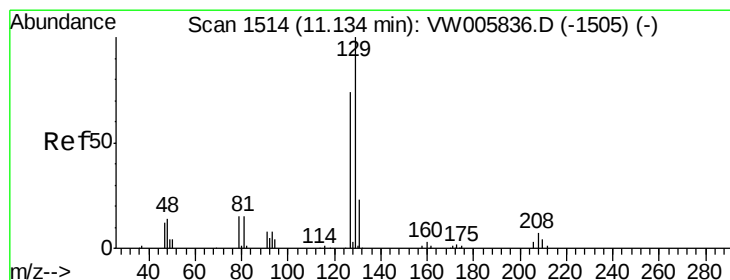
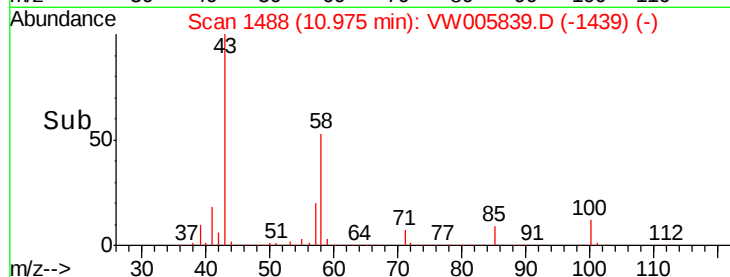
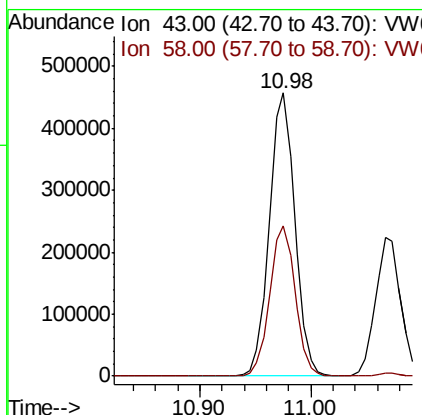
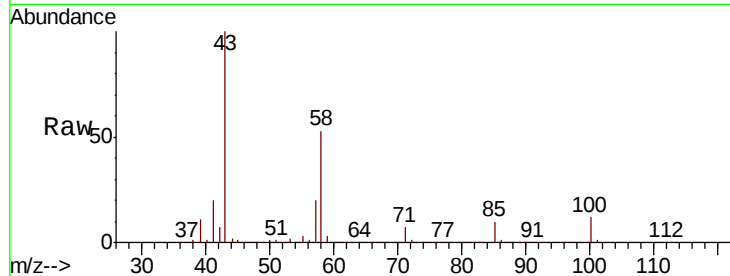




#59
2-Hexanone
Concen: 786.447 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

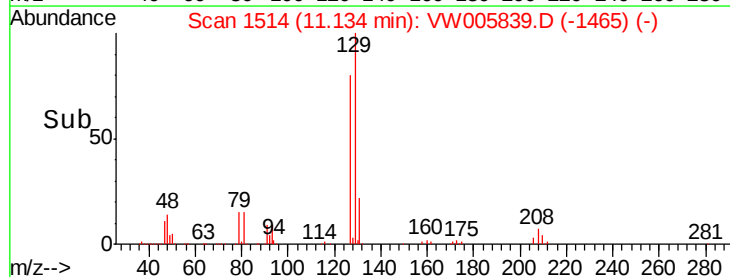
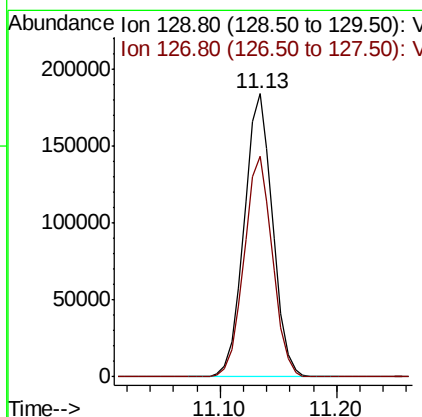
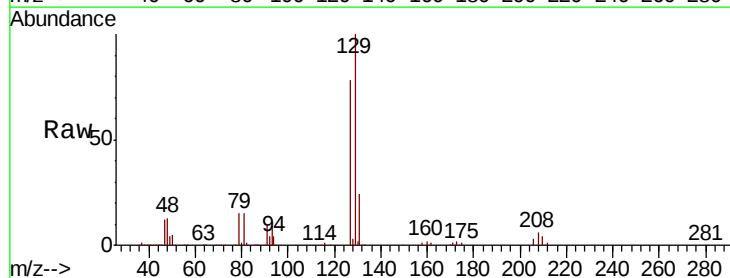
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

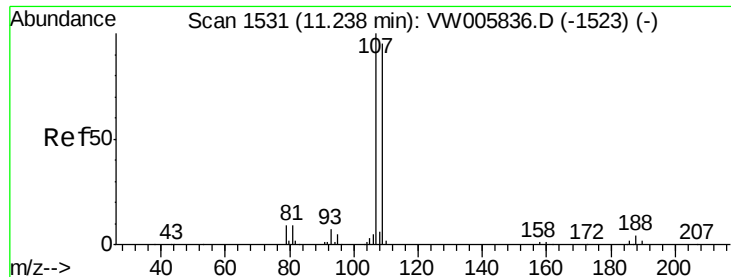
Tgt Ion: 43 Resp: 729729
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.7



#60
Dibromochloromethane
Concen: 157.652 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 129 Resp: 312039
Ion Ratio Lower Upper
129 100
127 77.9 37.2 111.6

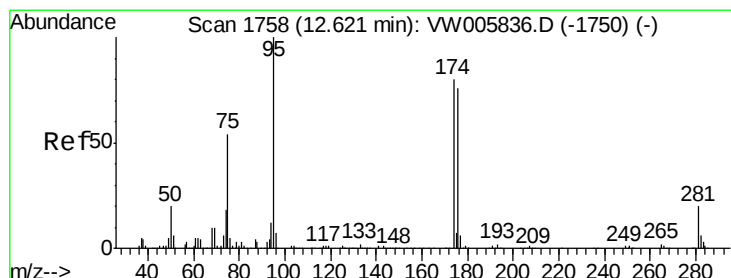
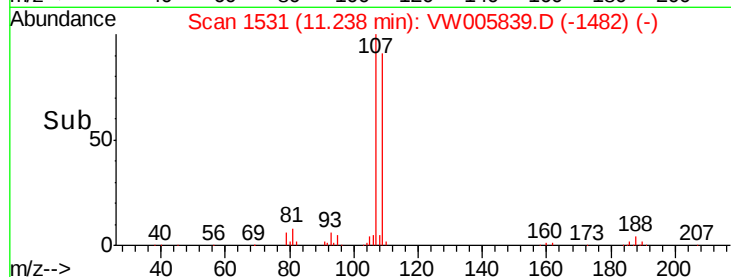
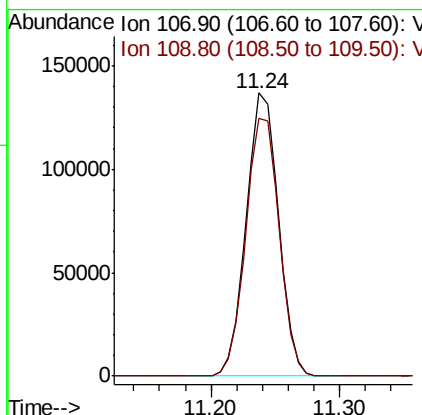
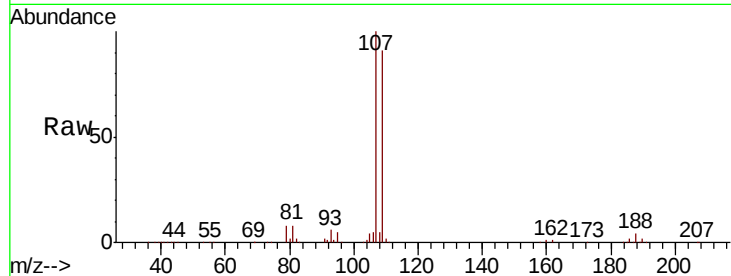




#61
 1,2-Dibromoethane
 Concen: 156.130 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

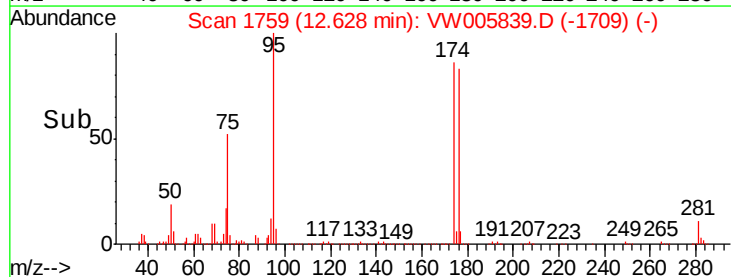
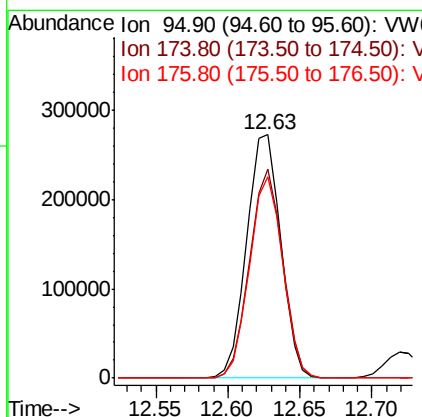
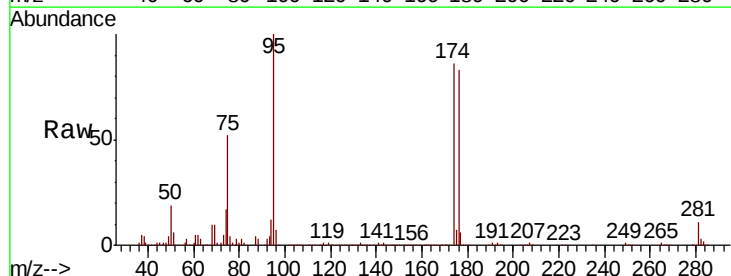
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

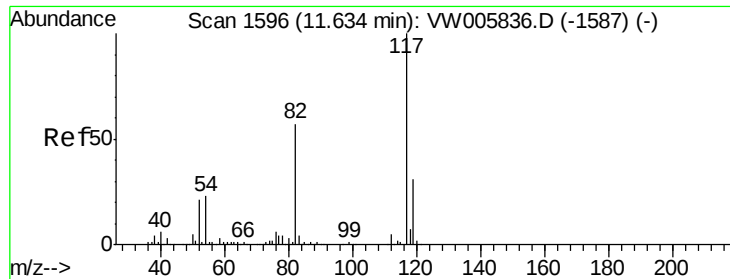
Tgt Ion: 107 Resp: 237079
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 147.068 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 95 Resp: 446321
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 169.0
 176 80.7 0.0 164.2

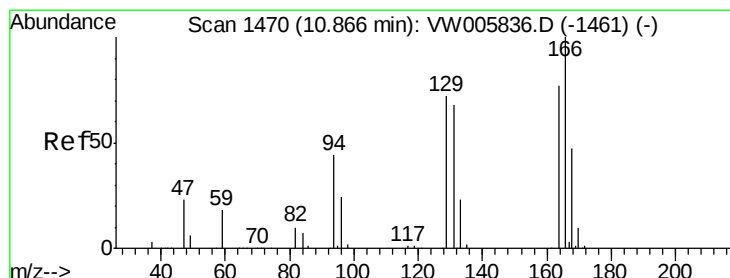
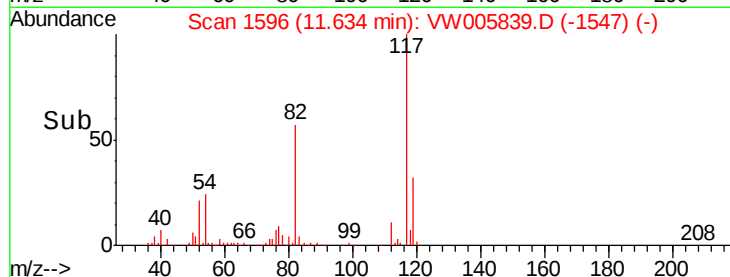
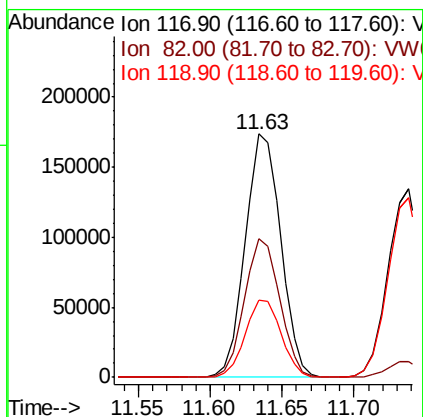
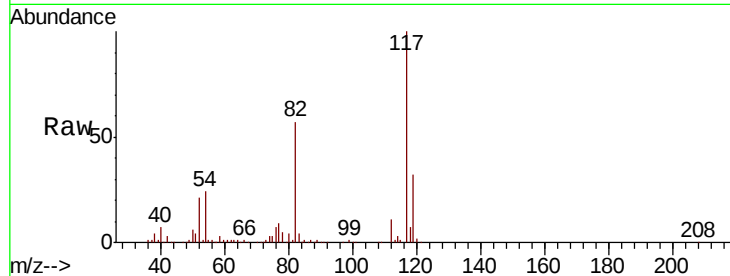




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

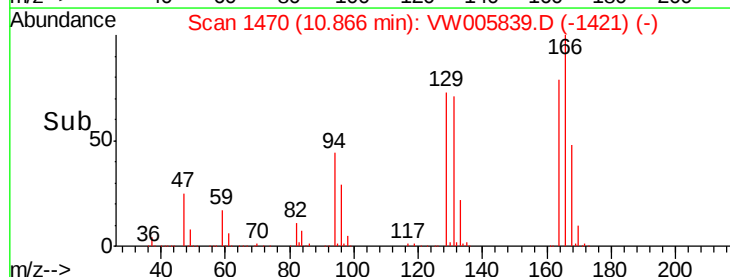
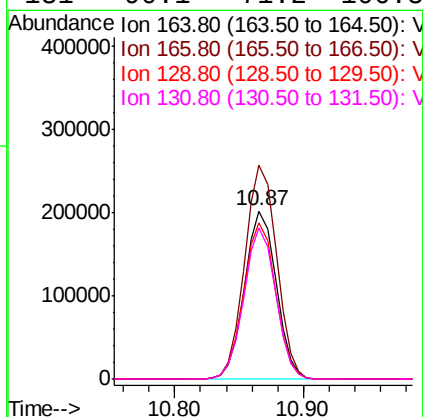
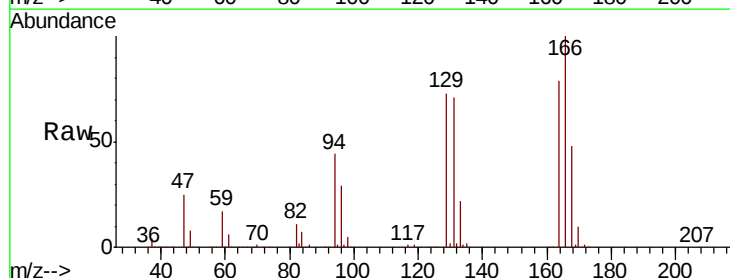
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

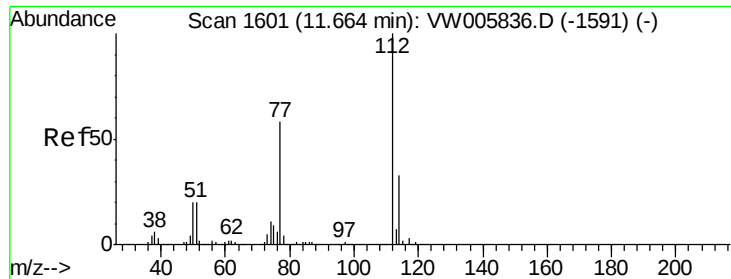
Tgt Ion:117 Resp: 295855
Ion Ratio Lower Upper
117 100
82 57.1 45.6 68.4
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 159.858 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion:164 Resp: 342598
Ion Ratio Lower Upper
164 100
166 127.2 104.0 156.0
129 93.2 74.8 112.2
131 90.1 71.2 106.8

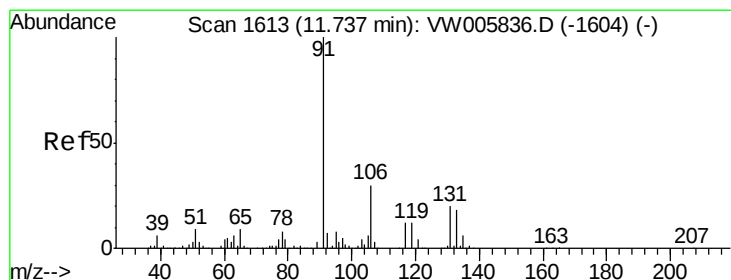
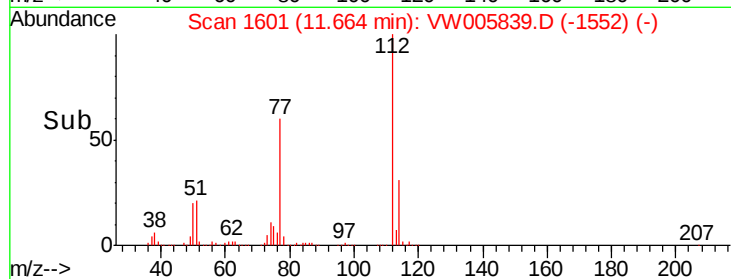
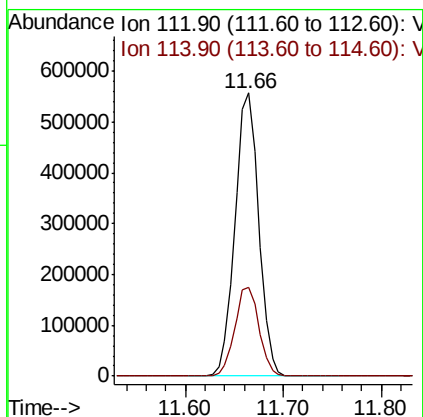
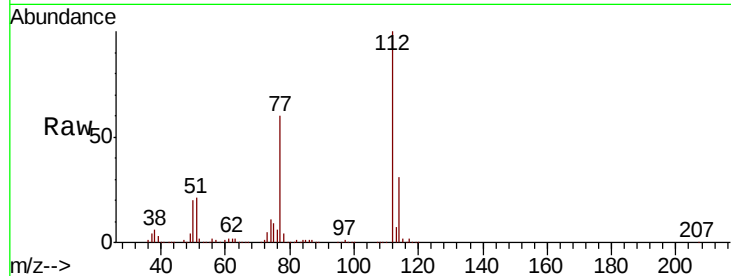




#65
Chlorobenzene
Concen: 147.914 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

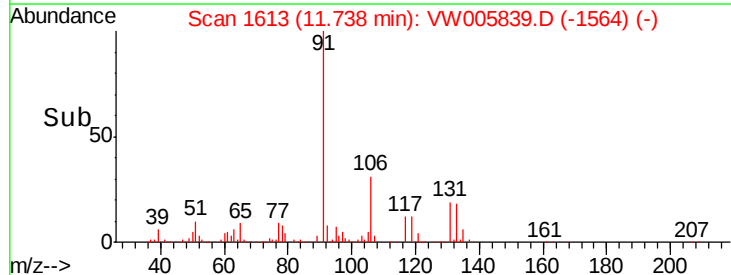
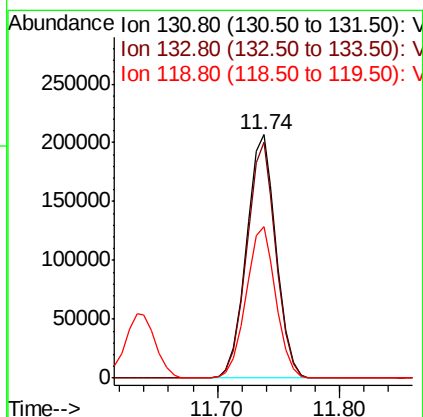
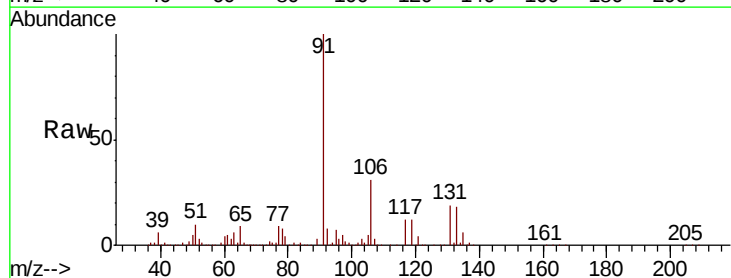
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

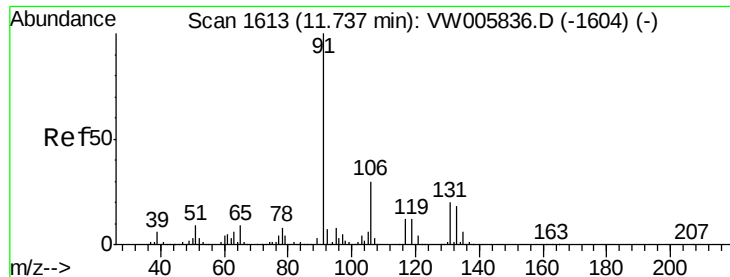
Tgt Ion:112 Resp: 936764
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 151.053 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion:131 Resp: 346668
Ion Ratio Lower Upper
131 100
133 95.5 47.0 141.0
119 62.3 30.4 91.2

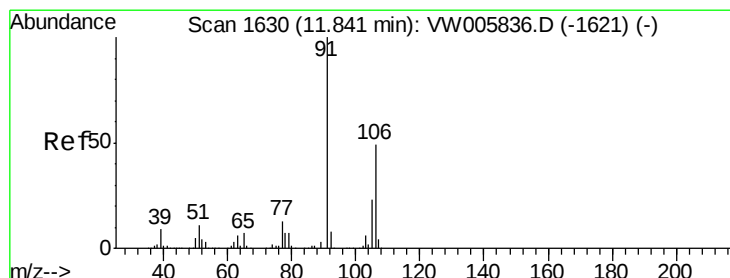
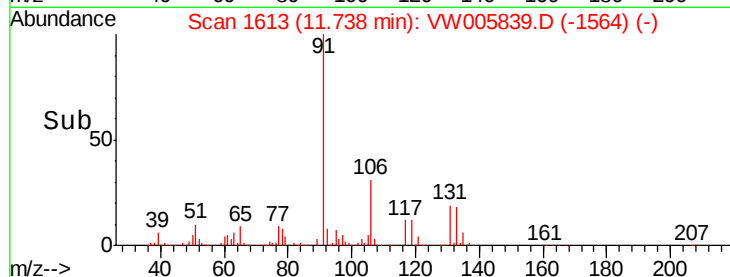
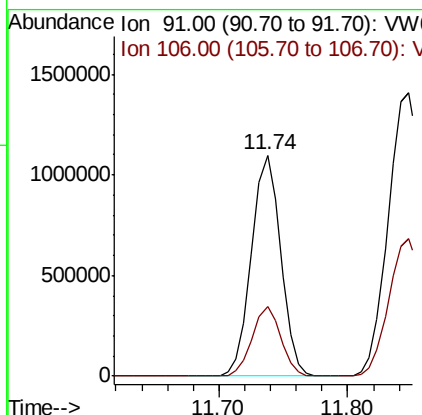
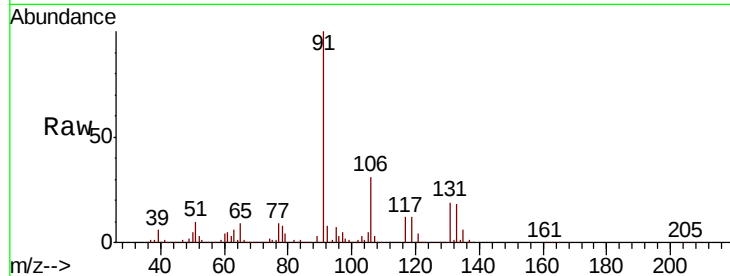




#67
Ethyl Benzene
Concen: 153.182 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

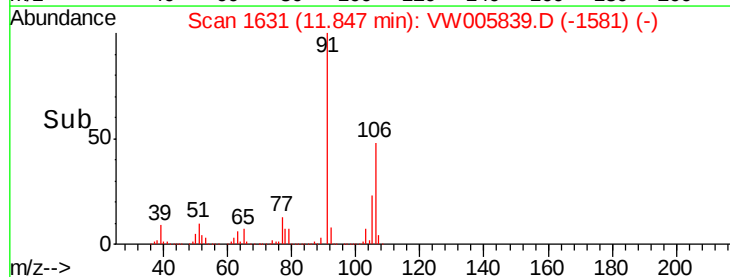
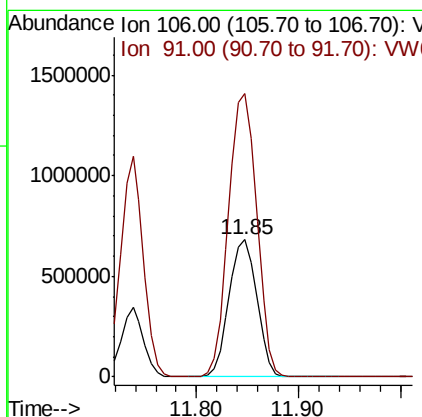
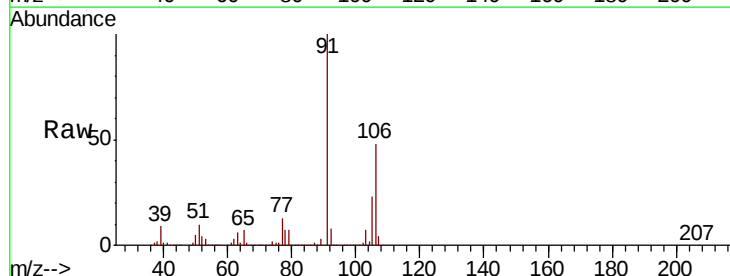
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

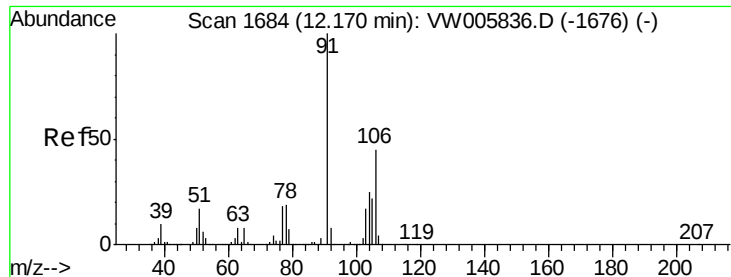
Tgt Ion: 91 Resp: 1717062
Ion Ratio Lower Upper
91 100
106 31.3 24.3 36.5



#68
m/p-Xylenes
Concen: 304.554 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion: 106 Resp: 1294181
Ion Ratio Lower Upper
106 100
91 208.5 165.4 248.0

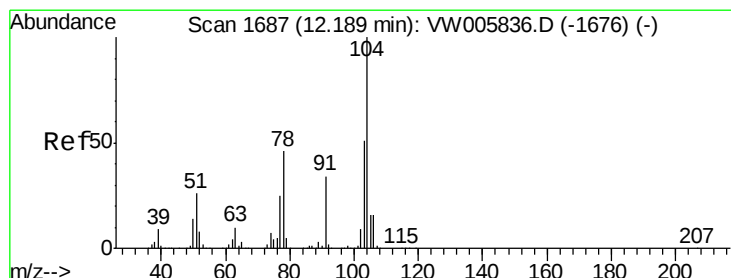
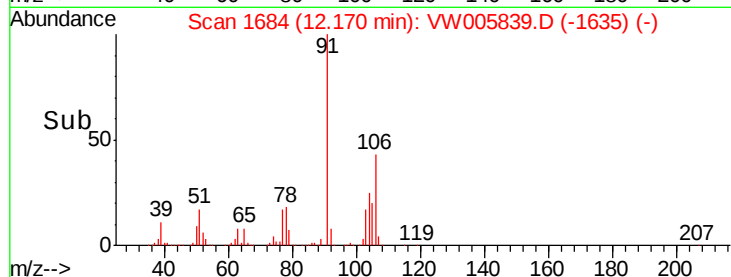
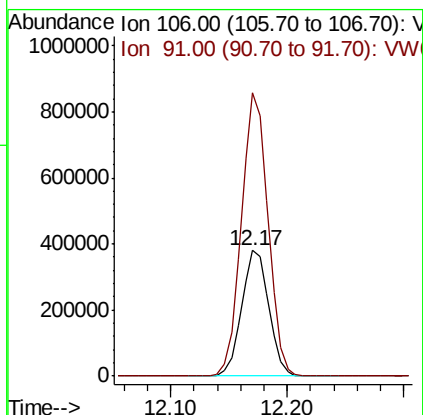
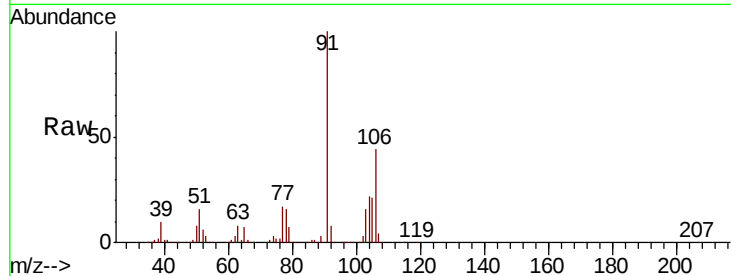




#69
o-Xylene
Concen: 155.206 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

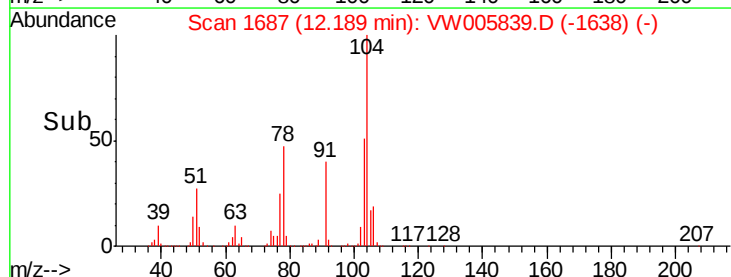
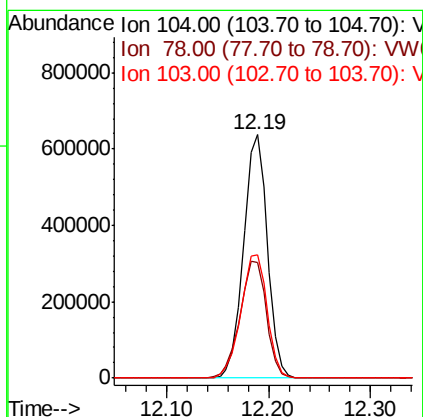
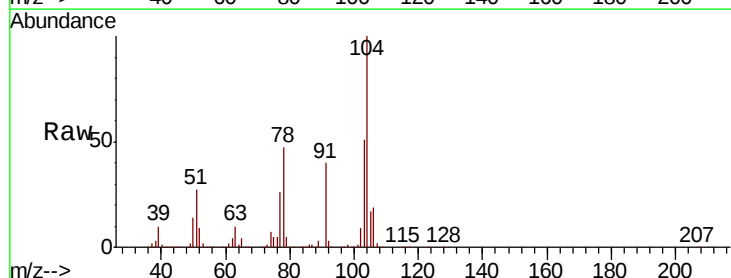
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

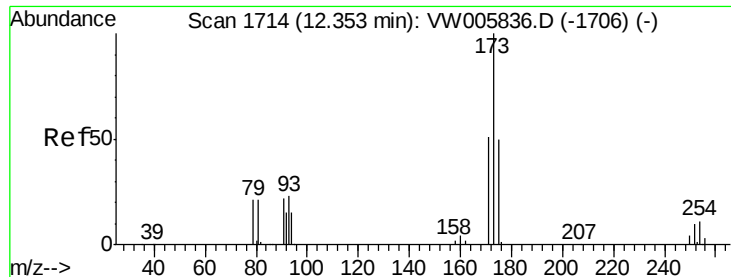
Tgt Ion:106 Resp: 617146
Ion Ratio Lower Upper
106 100
91 221.4 109.7 329.1



#70
Styrene
Concen: 154.621 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion:104 Resp: 1034492
Ion Ratio Lower Upper
104 100
78 53.2 42.3 63.5
103 55.8 44.9 67.3





#71

Bromoform

Concen: 159.346 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

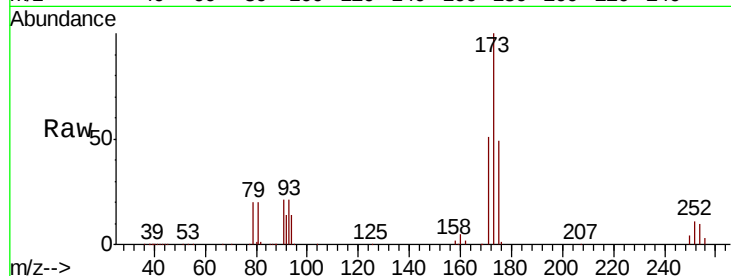
Tgt Ion:173 Resp: 196261

Ion Ratio Lower Upper

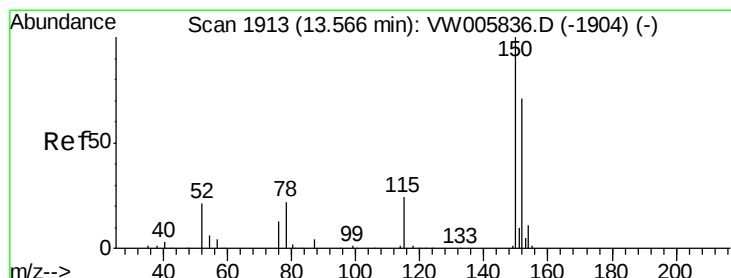
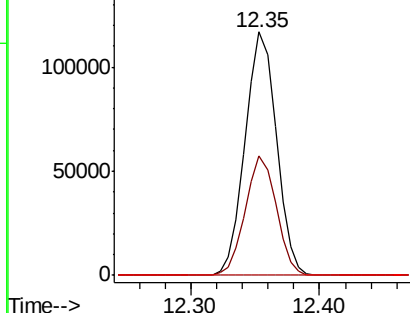
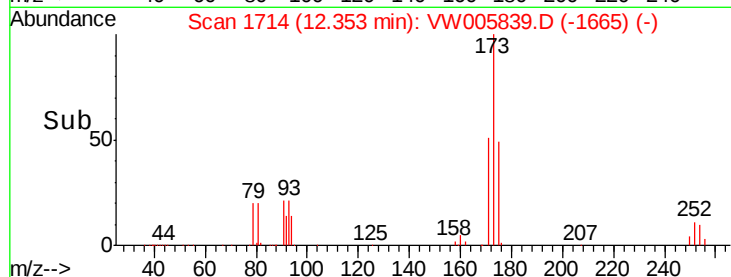
173 100

175 48.7 24.3 72.9

254 0.1 0.1 0.1#



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: VW005839.D

Acq: 04 Oct 2018 05:46

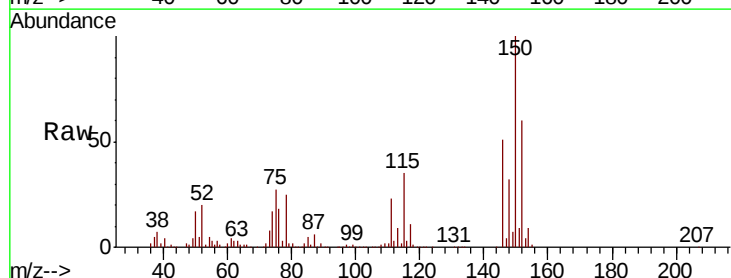
Tgt Ion:152 Resp: 153720

Ion Ratio Lower Upper

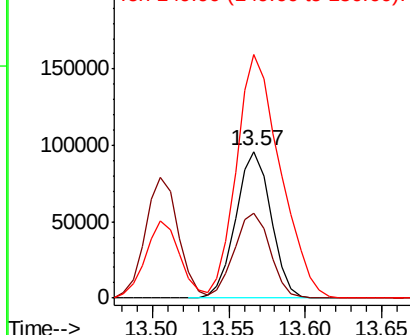
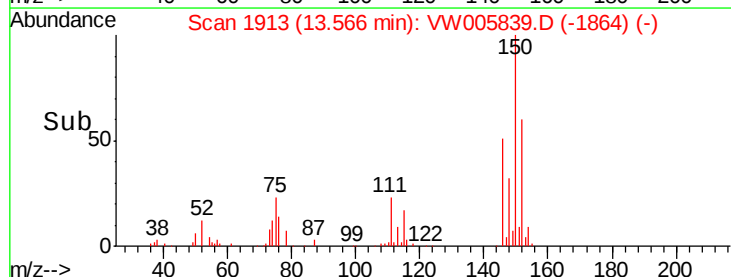
152 100

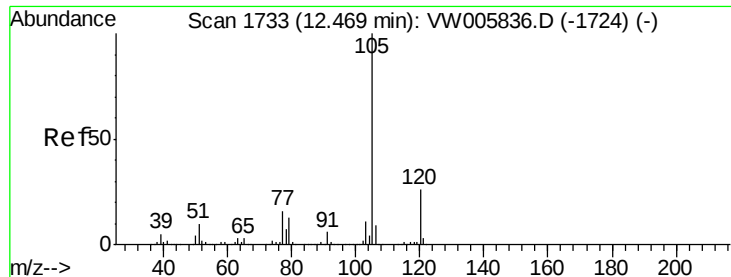
115 59.3 29.8 89.4

150 206.0 0.0 349.4



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





#73

Isopropylbenzene

Concen: 161.788 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

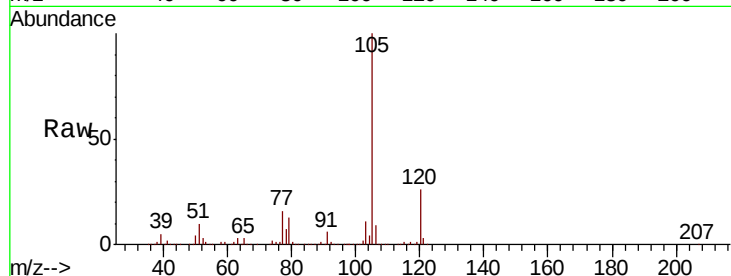
VSTDIC150

Tgt Ion:105 Resp: 1726700

Ion Ratio Lower Upper

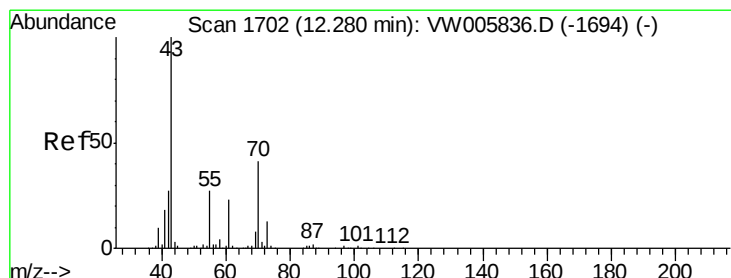
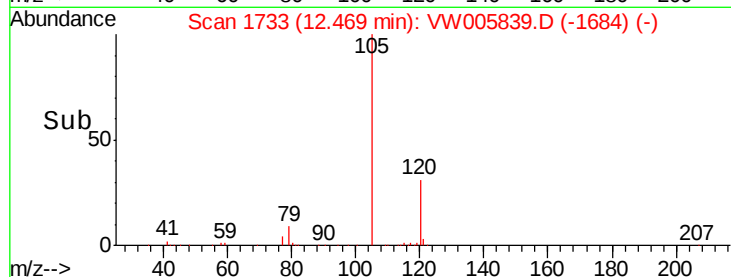
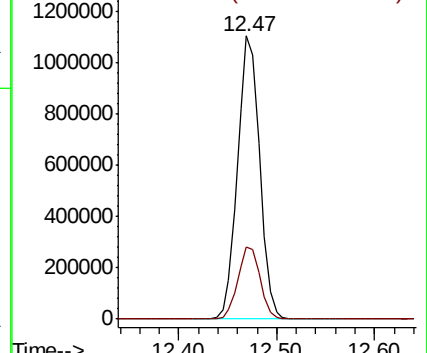
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 161.921 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Tgt Ion: 43 Resp: 392408

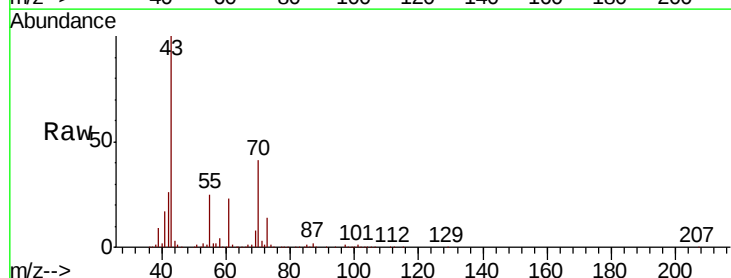
Ion Ratio Lower Upper

43 100

70 41.5 33.6 50.4

55 25.0 21.8 32.6

61 23.2 18.6 28.0

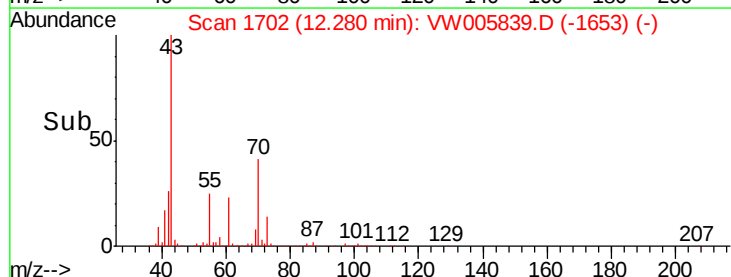
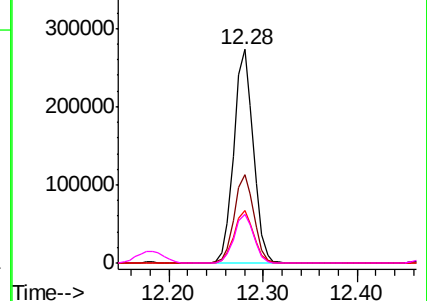


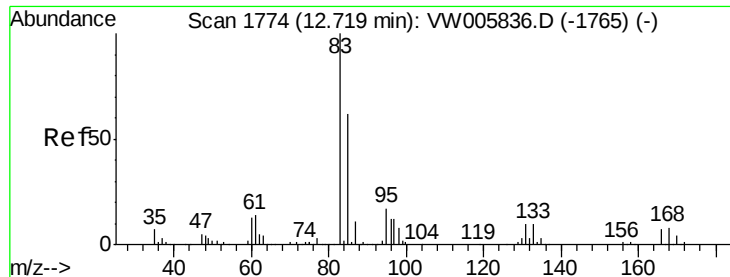
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 153.772 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

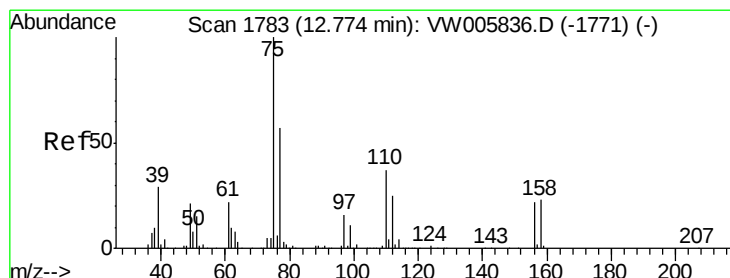
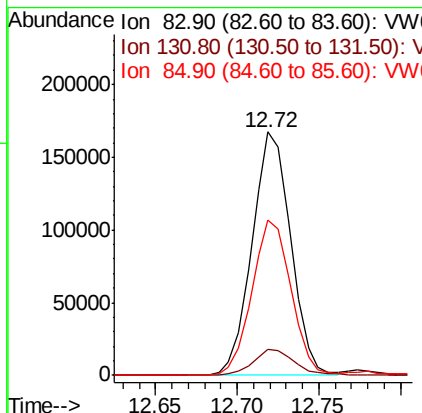
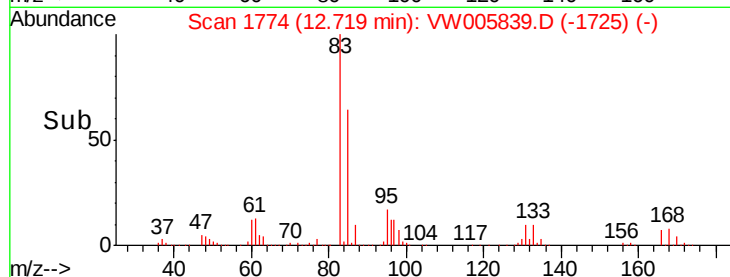
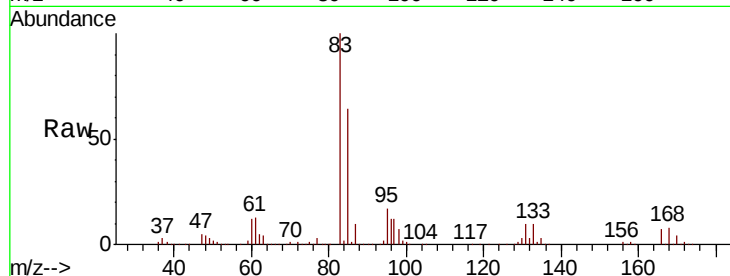
Tgt Ion: 83 Resp: 276118

Ion Ratio Lower Upper

83 100

131 11.4 5.9 17.6

85 64.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 294.598 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005839.D

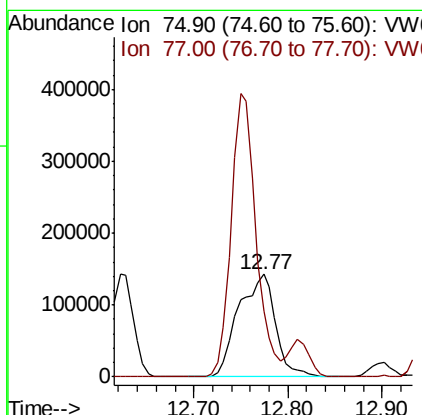
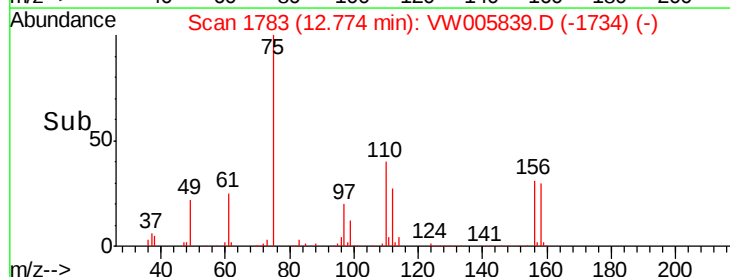
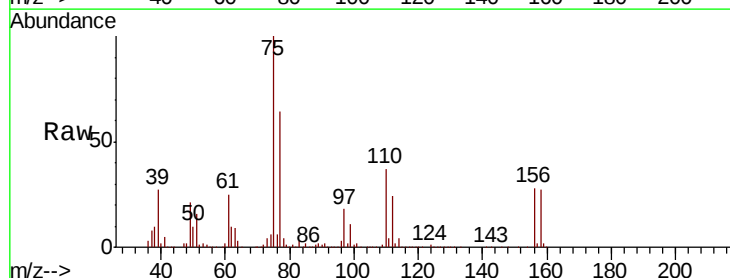
Acq: 04 Oct 2018 05:46

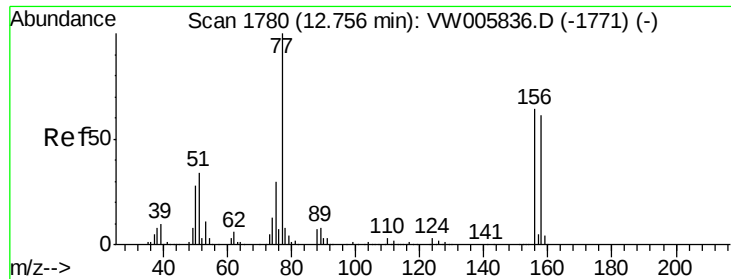
Tgt Ion: 75 Resp: 392608

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 155.801 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

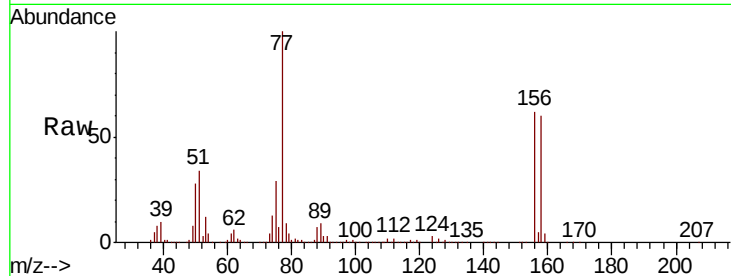
Tgt Ion:156 Resp: 393849

Ion Ratio Lower Upper

156 100

77 183.8 91.0 273.1

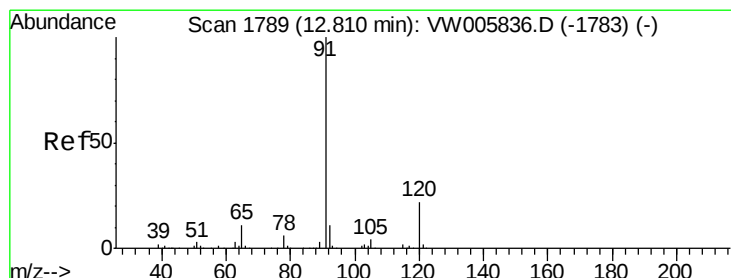
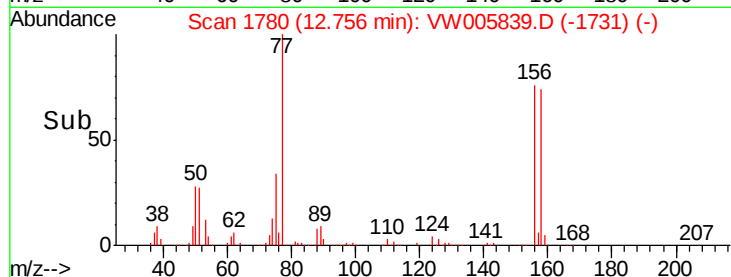
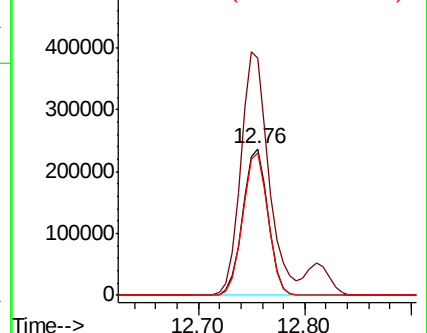
158 97.5 48.4 145.2



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: 155.103 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005839.D

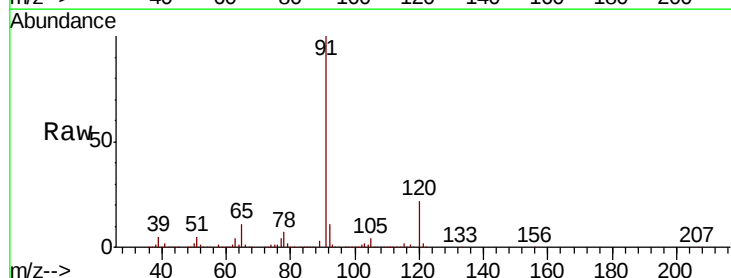
Acq: 04 Oct 2018 05:46

Tgt Ion: 91 Resp: 1998731

Ion Ratio Lower Upper

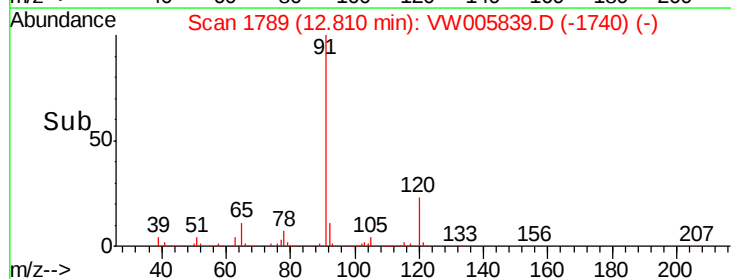
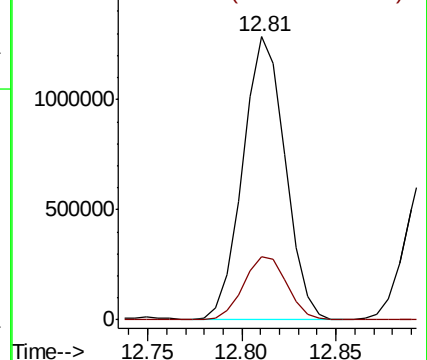
91 100

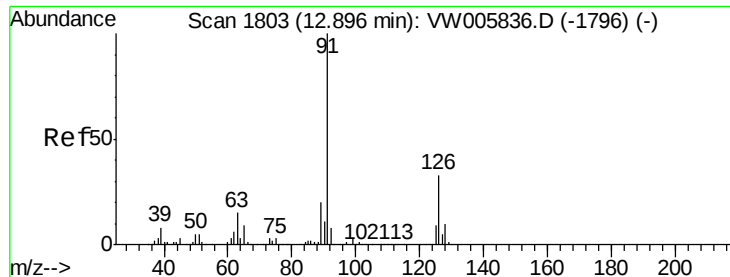
120 23.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

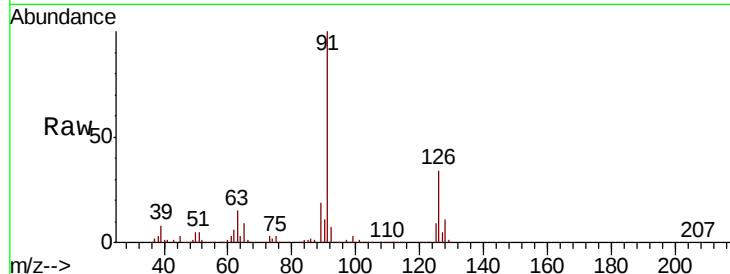




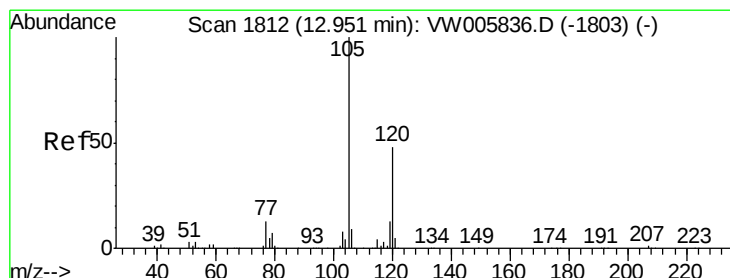
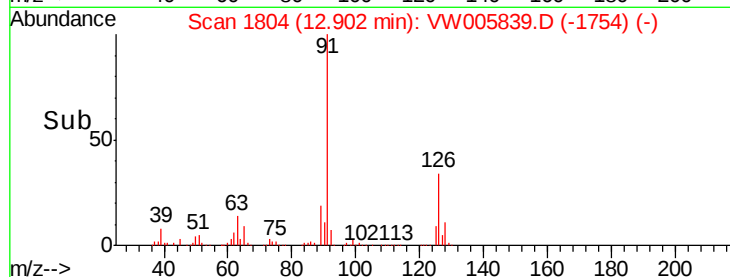
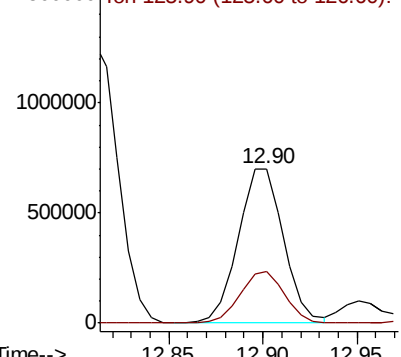
#79
 2-Chlorotoluene
 Concen: 155.956 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 91 Resp: 1167943
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.8

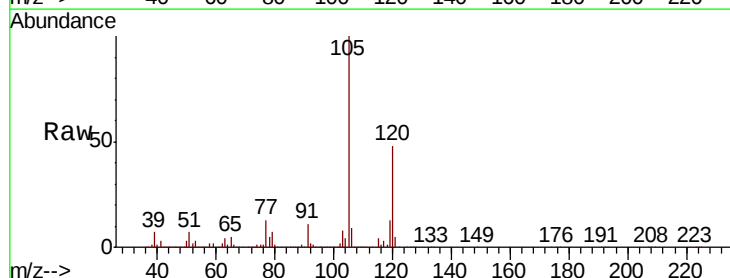


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

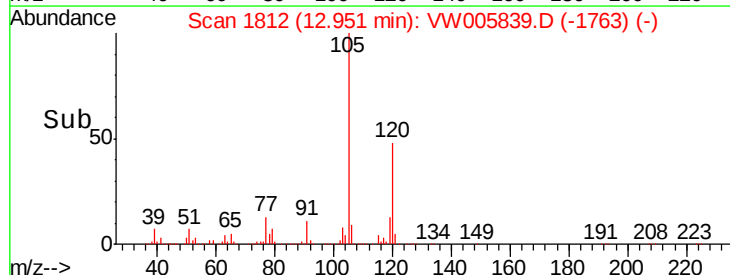
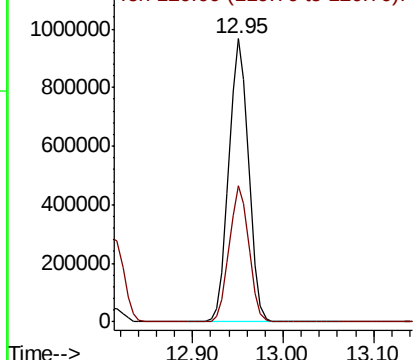


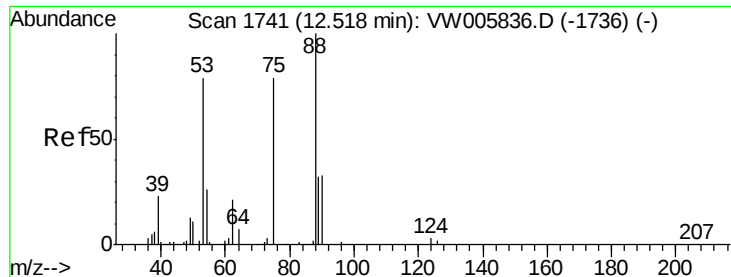
#80
 1,3,5-Trimethylbenzene
 Concen: 157.066 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 105 Resp: 1458725
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.8 71.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 155.177 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

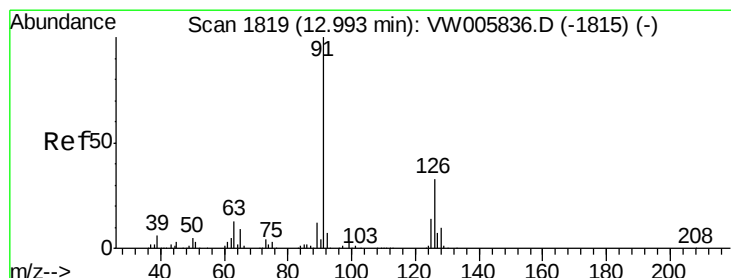
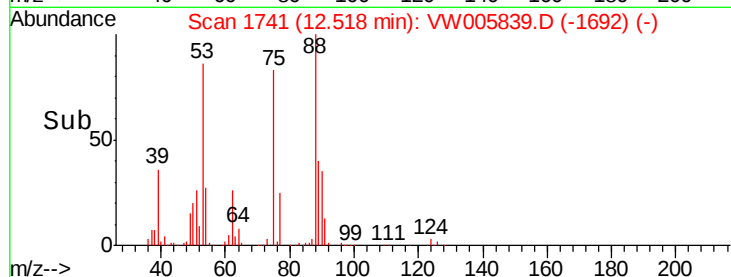
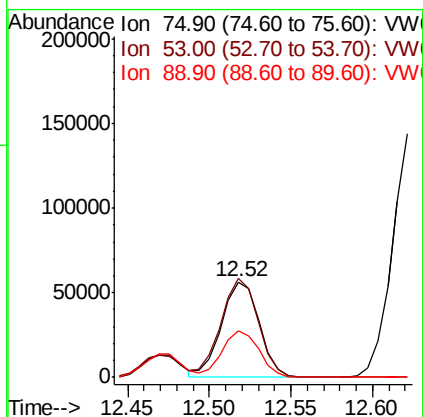
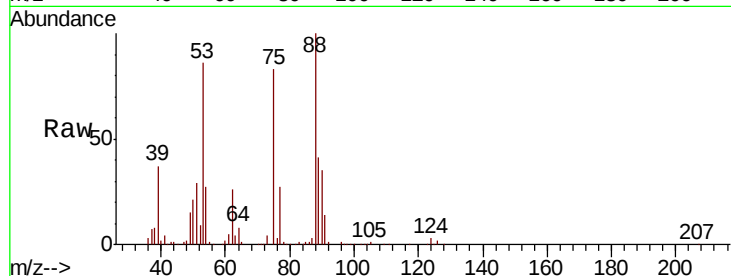
Tgt Ion: 75 Resp: 90839

Ion Ratio Lower Upper

75 100

53 103.3 83.7 125.5

89 47.6 37.5 56.3



#82

4-Chlorotoluene

Concen: 153.244 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005839.D

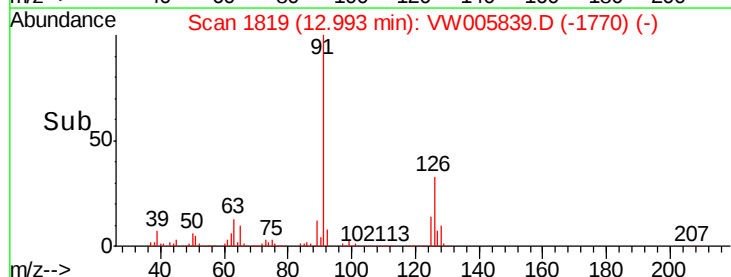
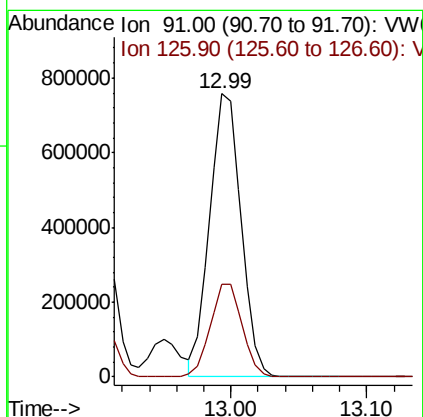
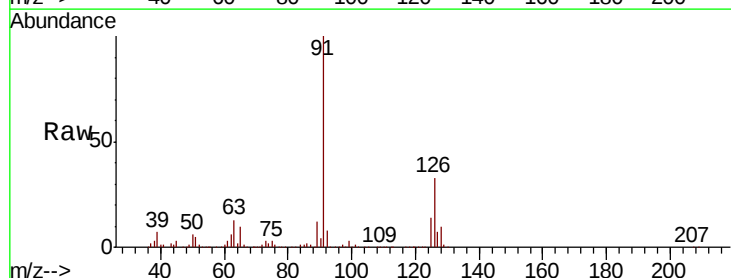
Acq: 04 Oct 2018 05:46

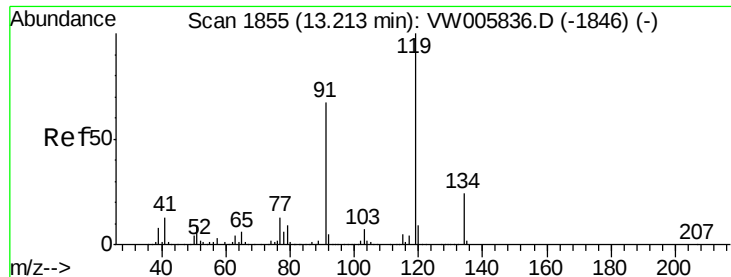
Tgt Ion: 91 Resp: 1210597

Ion Ratio Lower Upper

91 100

126 33.2 16.7 50.0

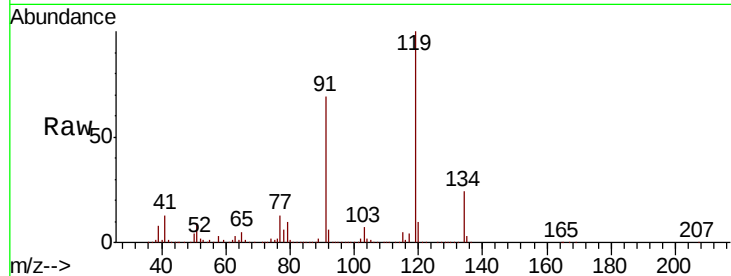




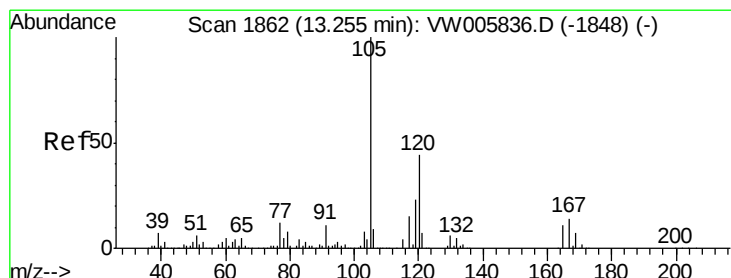
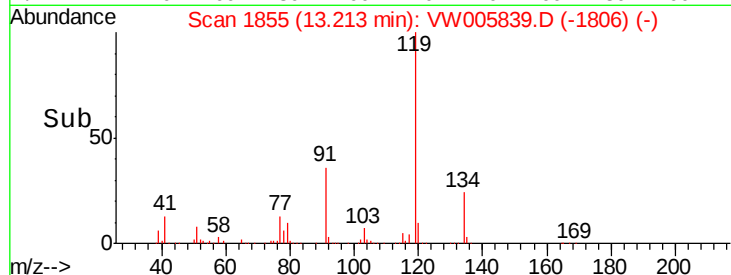
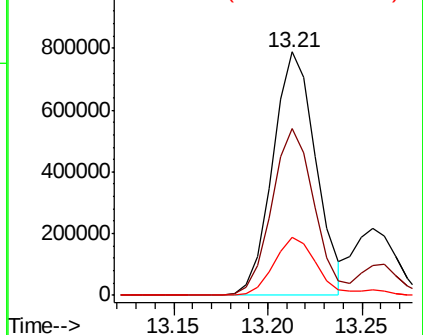
#83
tert-Butylbenzene
Concen: 160.296 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 1249734
Ion Ratio Lower Upper
119 100
91 67.9 33.4 100.2
134 25.0 12.8 38.3

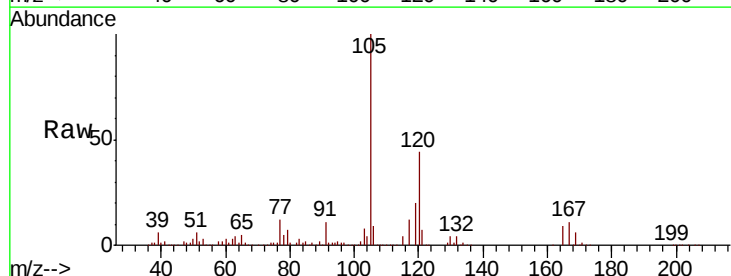


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

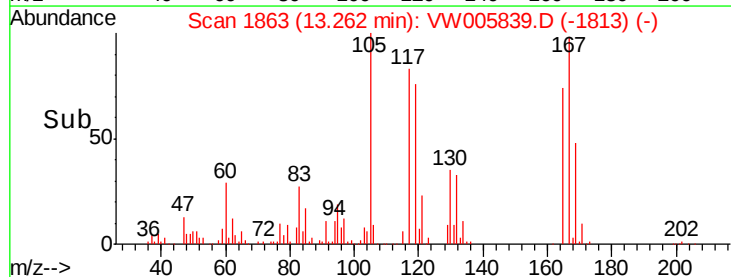
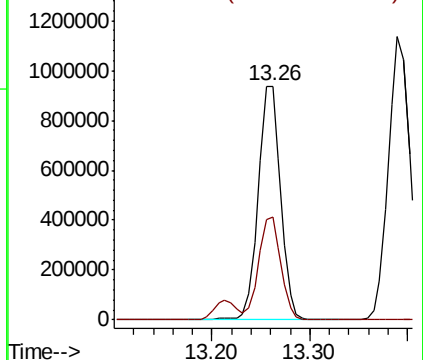


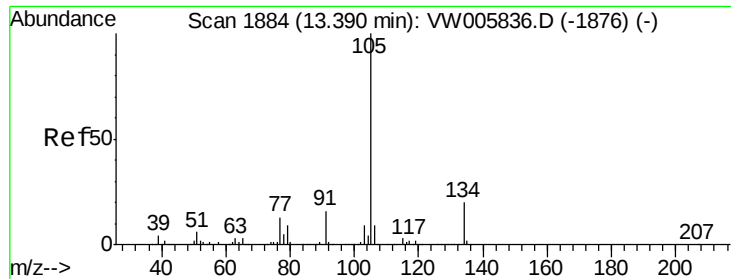
#84
1,2,4-Trimethylbenzene
Concen: 157.835 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion:105 Resp: 1482085
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.7



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

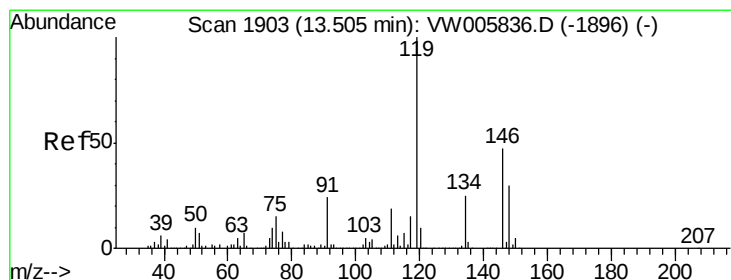
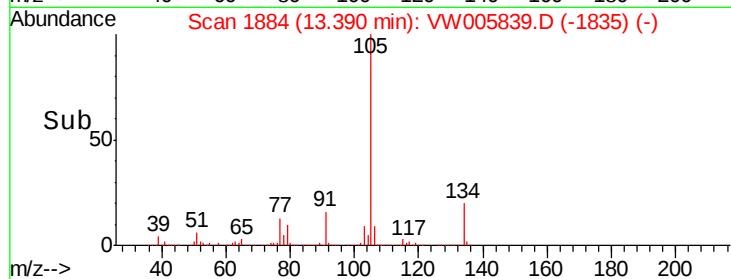
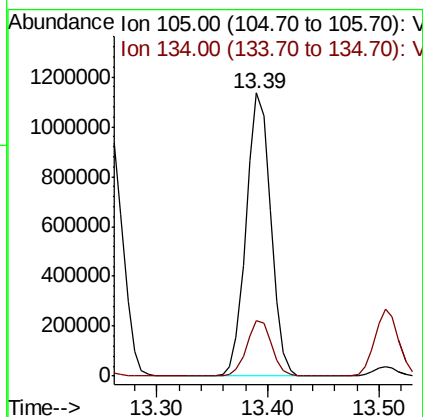
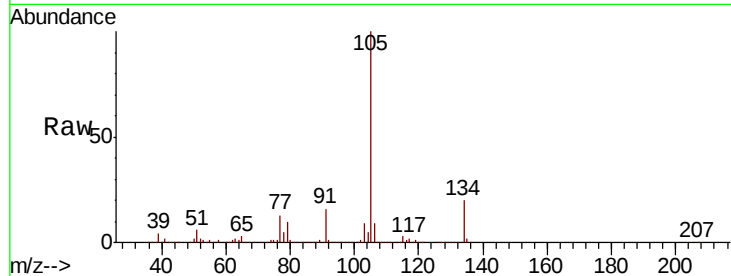




#85
 sec-Butylbenzene
 Concen: 154.775 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

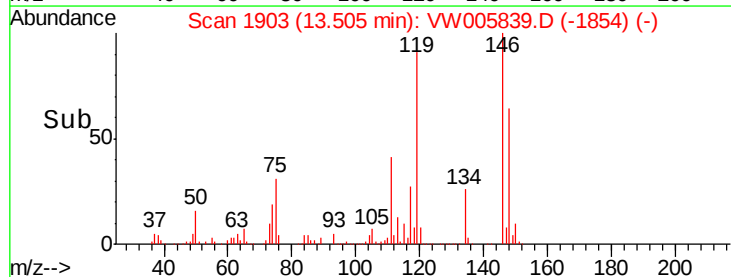
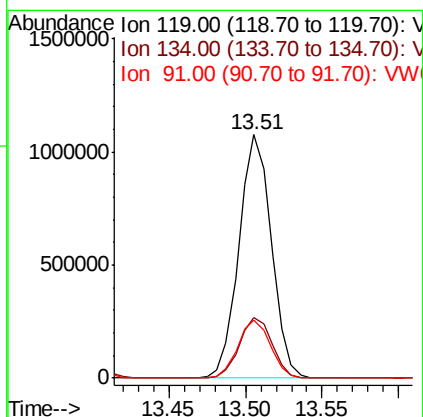
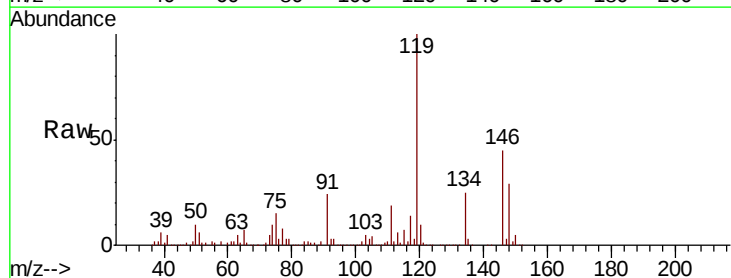
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

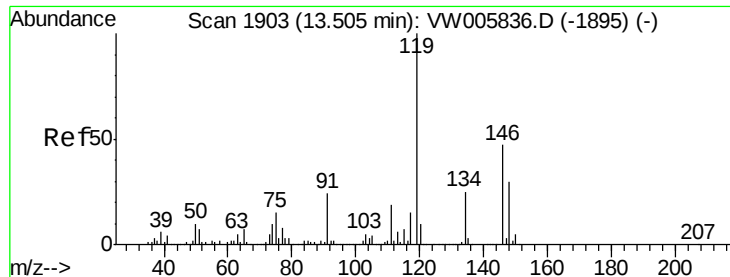
Tgt Ion:105 Resp: 1745595
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 156.164 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion:119 Resp: 1583450
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 24.0 11.9 35.9

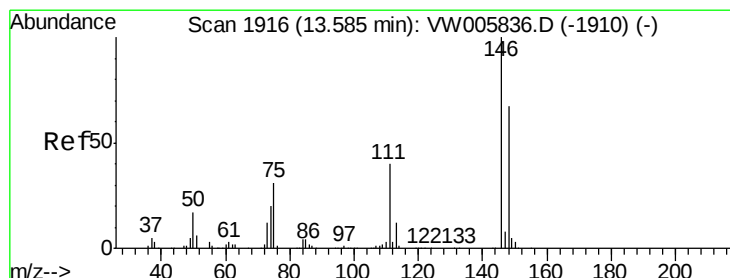
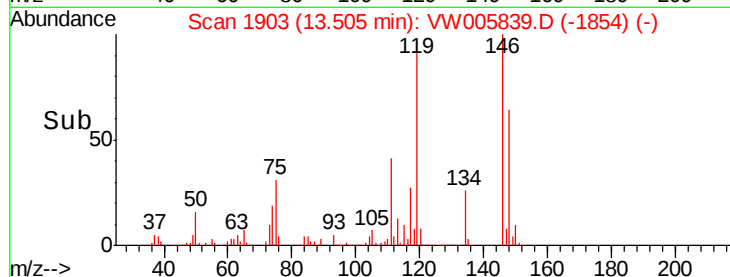
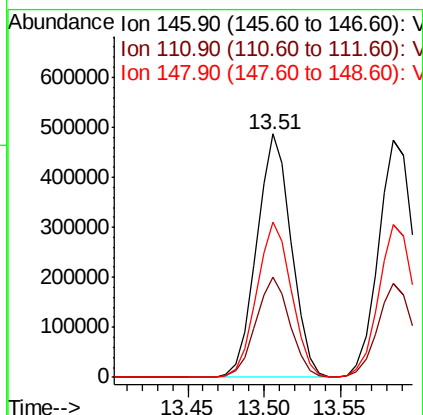
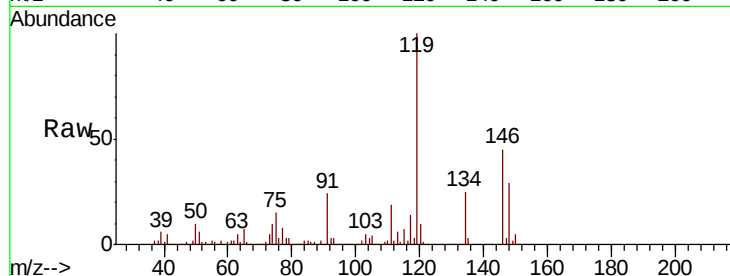




#87
 1,3-Dichlorobenzene
 Concen: 149.099 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

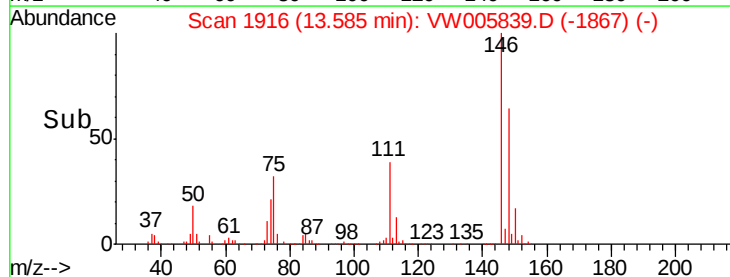
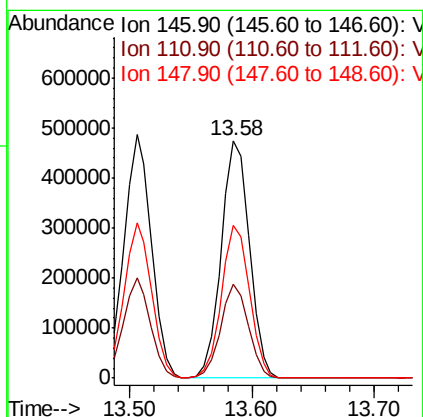
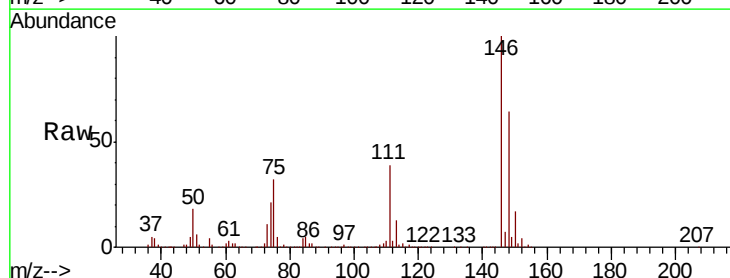
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

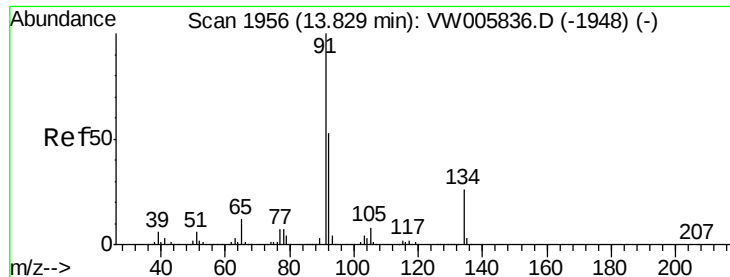
Tgt Ion:146 Resp: 768801
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.7
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 147.868 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion:146 Resp: 757315
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 150.749 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005839.D

Acq: 04 Oct 2018 05:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

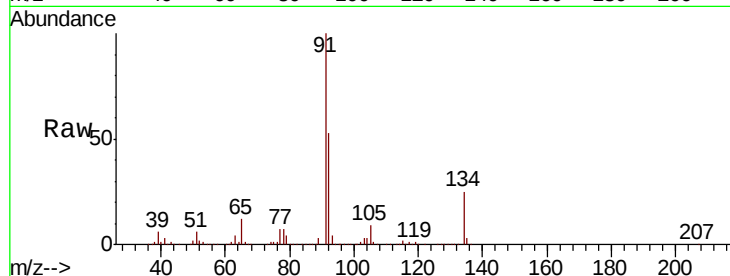
Tgt Ion: 91 Resp: 1433297

Ion Ratio Lower Upper

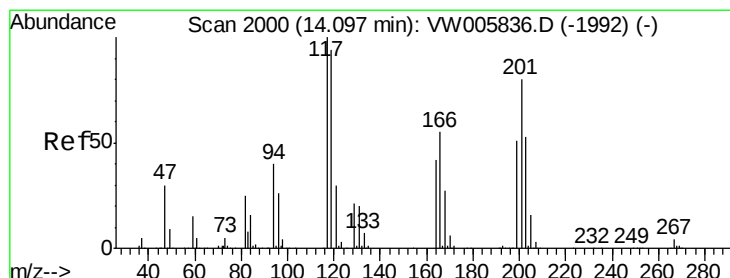
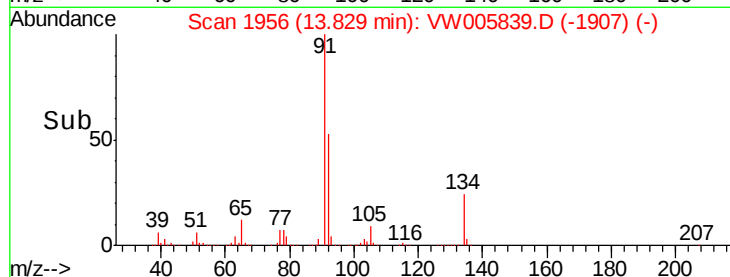
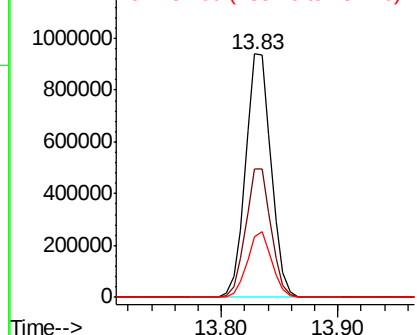
91 100

92 52.5 26.2 78.5

134 26.0 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 153.000 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005839.D

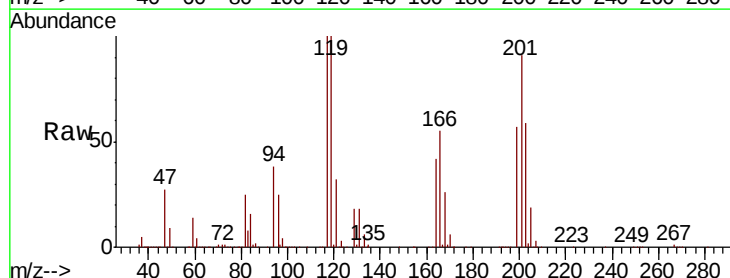
Acq: 04 Oct 2018 05:46

Tgt Ion: 117 Resp: 281334

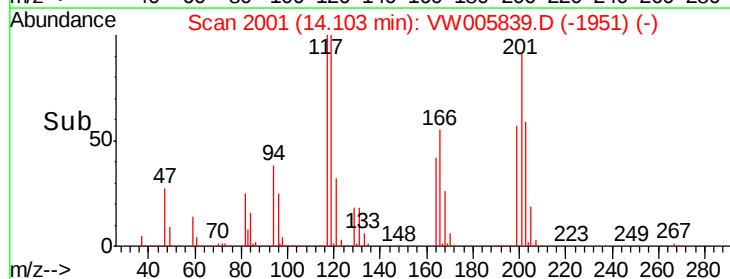
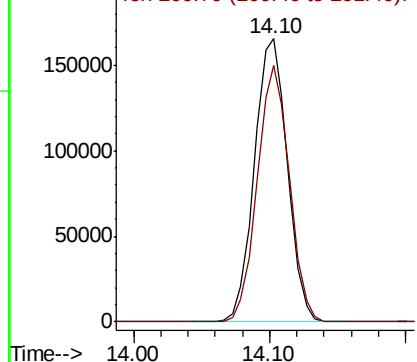
Ion Ratio Lower Upper

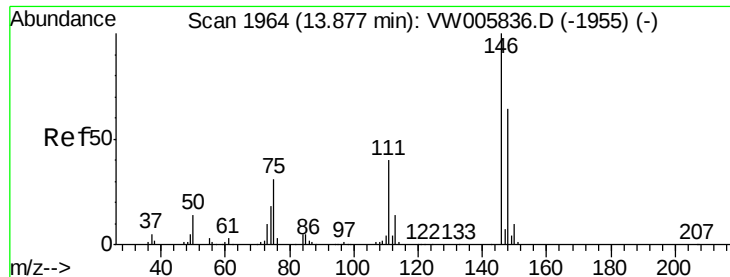
117 100

201 88.1 43.7 131.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

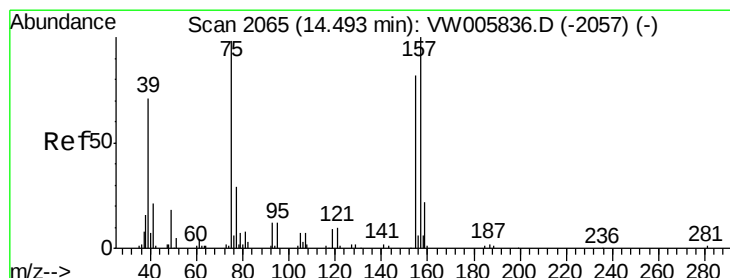
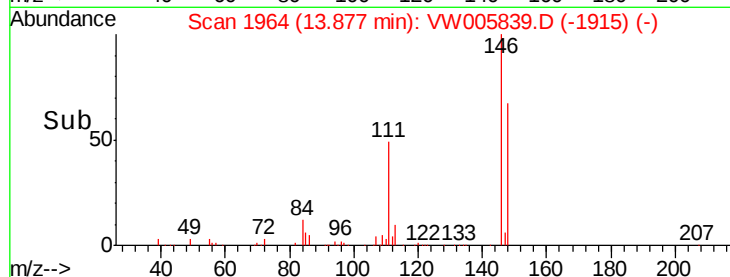
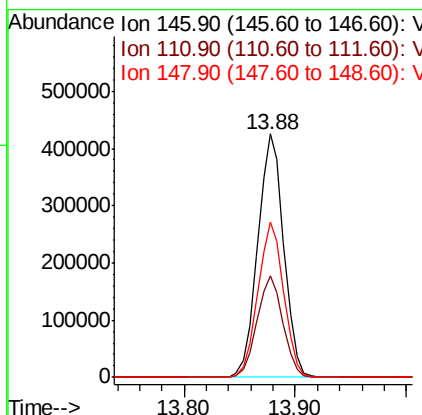
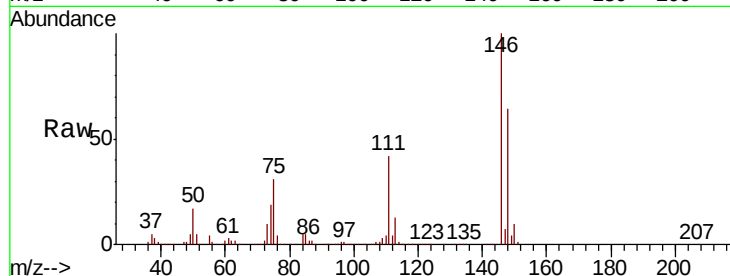




#91
 1,2-Dichlorobenzene
 Concen: 151.229 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

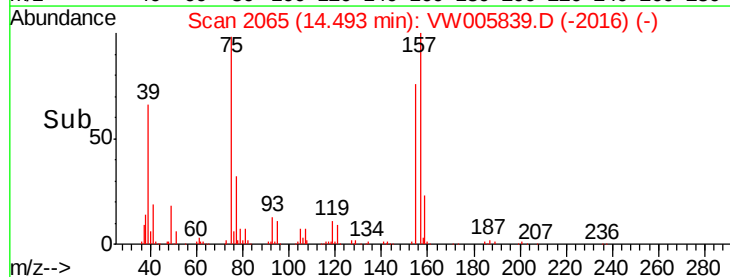
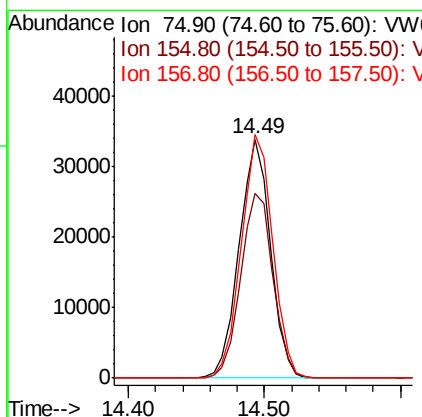
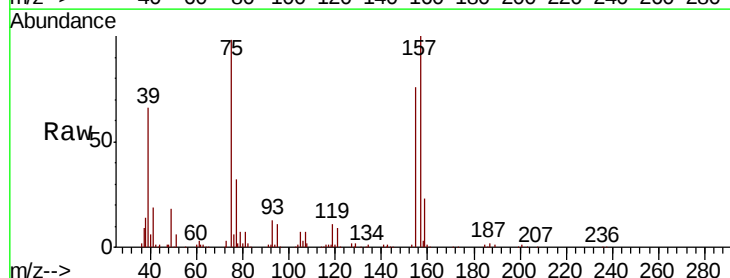
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

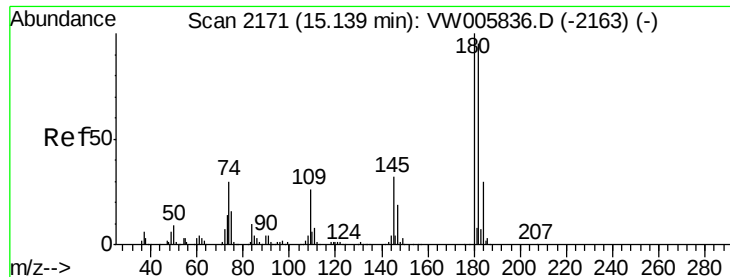
Tgt Ion:146 Resp: 691026
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 63.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.665 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion: 75 Resp: 54514
 Ion Ratio Lower Upper
 75 100
 155 79.8 41.3 123.9
 157 102.6 51.9 155.7

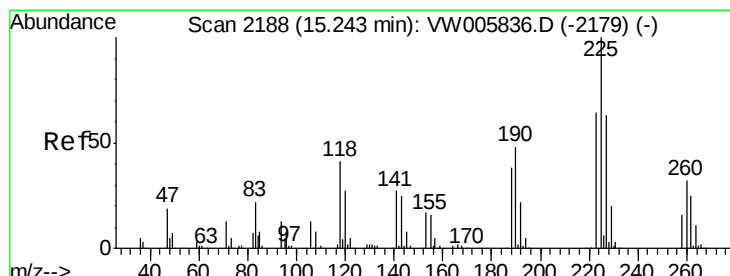
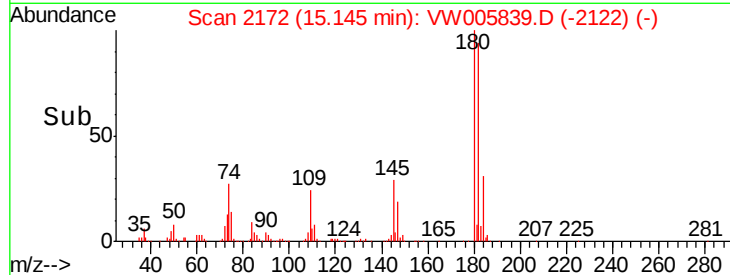
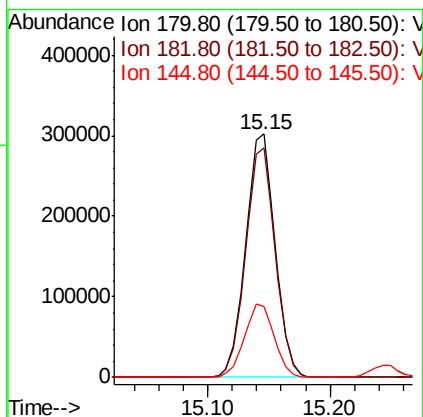
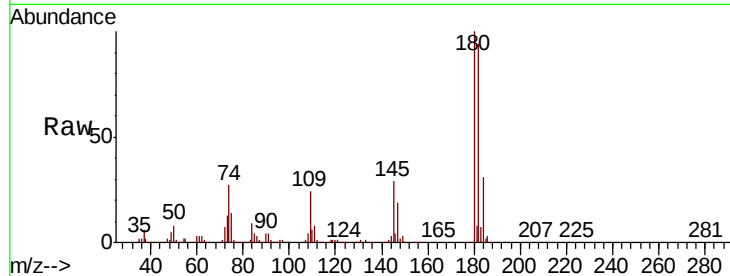




#93
 1,2,4-Trichlorobenzene
 Concen: 156.014 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

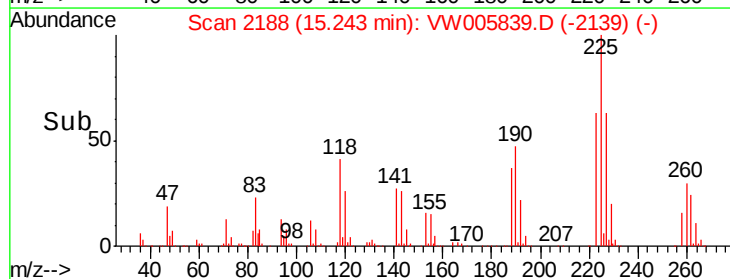
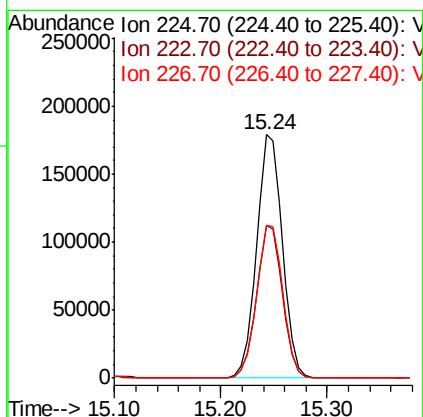
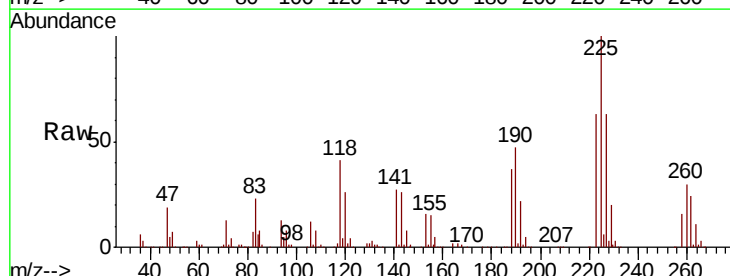
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

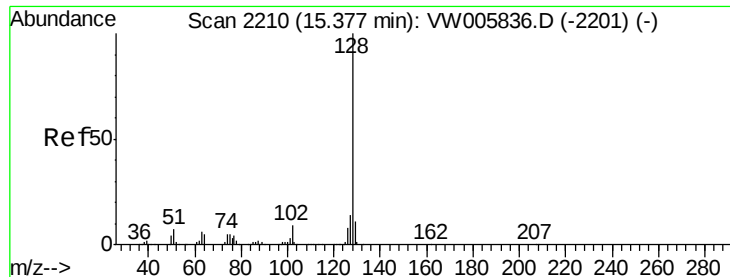
Tgt Ion:180 Resp: 506058
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.8
 145 30.5 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 145.577 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005839.D
 Acq: 04 Oct 2018 05:46

Tgt Ion:225 Resp: 304272
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 63.8 31.7 95.1

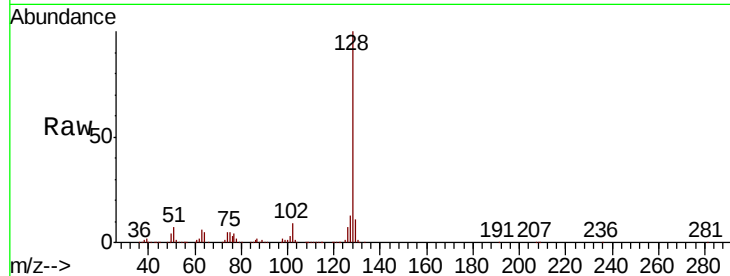




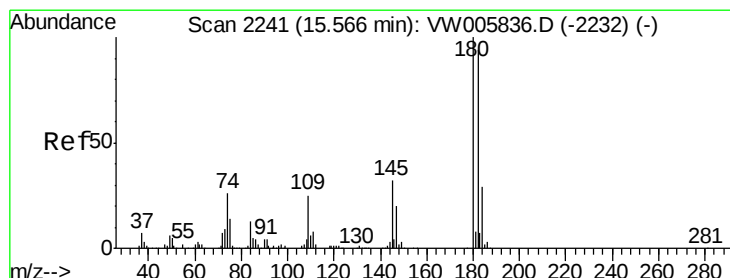
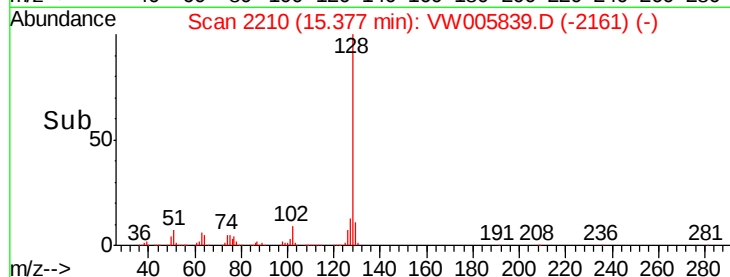
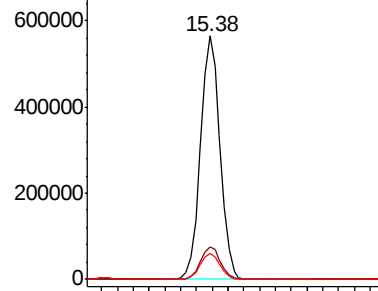
#95
Naphthalene
Concen: 175.237 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 967661
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 10.8 8.9 13.3

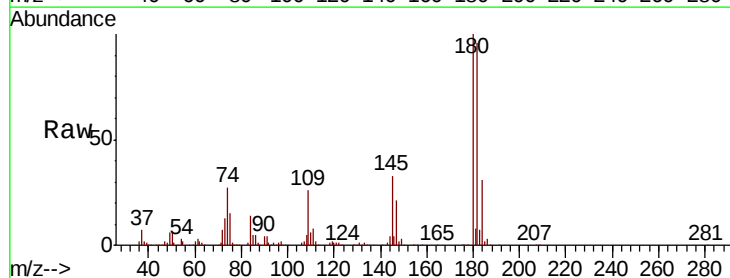


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 158.249 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005839.D
Acq: 04 Oct 2018 05:46

Tgt Ion:180 Resp: 454846
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 32.1 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

