

Data File : VW005890.D
Acq On : 08 Oct 2018 12:14
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: Oct 09 02:00:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 01:57:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	347784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	510713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	466305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	253979	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	243190	72.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.06%	
35) Dibromofluoromethane	7.88	113	236525	72.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.08%	
50) Toluene-d8	10.33	98	914973	72.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.86%	
62) 4-Bromofluorobenzene	12.62	95	349255	73.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	132854	77.953	ug/l	97
3) Chloromethane	2.21	50	138111	68.894	ug/l	98
4) Vinyl Chloride	2.37	62	240439	75.548	ug/l	97
5) Bromomethane	2.78	94	187672	74.717	ug/l	97
6) Chloroethane	2.93	64	150440	74.192	ug/l	99
7) Trichlorofluoromethane	3.26	101	177352	70.201	ug/l	97
8) Diethyl Ether	3.68	74	116069	74.653	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	228563	71.691	ug/l	99
10) Methyl Iodide	4.27	142	379506	72.786	ug/l	99
11) Tert butyl alcohol	5.21	59	84247	340.480	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	218365	71.324	ug/l	99
13) Acrolein	3.89	56	71622	324.817	ug/l	98
14) Allyl chloride	4.67	41	369517	70.776	ug/l	100
15) Acrylonitrile	5.37	53	246333	364.054	ug/l	99
16) Acetone	4.14	43	223667	331.667	ug/l	96
17) Carbon Disulfide	4.38	76	687135	74.238	ug/l	99
18) Methyl Acetate	4.68	43	128679	75.614	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	342759	71.962	ug/l	100
20) Methylene Chloride	4.92	84	223396	66.119	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	243986	73.118	ug/l	99
22) Diisopropyl ether	6.32	45	706615	72.399	ug/l	98
23) Vinyl Acetate	6.26	43	2185579	363.831	ug/l	100
24) 1,1-Dichloroethane	6.21	63	432653	72.438	ug/l	99
25) 2-Butanone	7.18	43	337522	351.887	ug/l	100
26) 2,2-Dichloropropane	7.17	77	285895	68.014	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	271347	71.905	ug/l	100
28) Bromochloromethane	7.51	49	147890	67.081	ug/l	99
29) Tetrahydrofuran	7.54	42	217361	358.481	ug/l	100
30) Chloroform	7.68	83	443759	72.334	ug/l	99
31) Cyclohexane	7.96	56	405609	68.623	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	390818	71.533	ug/l	99
36) 1,1-Dichloropropene	8.09	75	357487	73.052	ug/l	99
37) Ethyl Acetate	7.26	43	147183	71.023	ug/l	99
38) Carbon Tetrachloride	8.07	117	386271	73.469	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	477660	74.004	ug/l	99
40) Benzene	8.32	78	976629	72.918	ug/l	99
41) Methacrylonitrile	7.49	41	92071	70.965	ug/l	96
42) 1,2-Dichloroethane	8.40	62	295526	73.034	ug/l	100
43) Isopropyl Acetate	8.43	43	318713	73.624	ug/l	99
44) Trichloroethene	9.09	130	286415	73.703	ug/l	97
45) 1,2-Dichloropropane	9.37	63	244607	72.961	ug/l	97
46) Dibromomethane	9.46	93	134452	72.969	ug/l	100
47) Bromodichloromethane	9.65	83	338446	72.992	ug/l	97
48) Methyl methacrylate	9.44	41	151876	73.649	ug/l	98
49) 1,4-Dioxane	9.47	88	41697	1489.800	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	781046	370.514	ug/l	100
52) Toluene	10.39	92	637965	72.505	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	357186	73.714	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	395140	72.543	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	183548	71.919	ug/l	98
56) Ethyl methacrylate	10.65	69	251470	73.107	ug/l	100
57) 1,3-Dichloropropane	10.93	76	311205	72.483	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	484296	346.018	ug/l	99
59) 2-Hexanone	10.97	43	548948	363.186	ug/l	100
60) Dibromochloromethane	11.13	129	243170	73.836	ug/l	100
61) 1,2-Dibromoethane	11.24	107	186080	72.965	ug/l	99
64) Tetrachloroethene	10.87	164	252714	72.754	ug/l	100
65) Chlorobenzene	11.66	112	722484	72.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	270016	73.752	ug/l	99
67) Ethyl Benzene	11.74	91	1274250	72.226	ug/l	98
68) m/p-Xylenes	11.84	106	1000723	145.145	ug/l	100
69) o-Xylene	12.17	106	480072	72.731	ug/l	100
70) Styrene	12.18	104	798844	72.943	ug/l	100
71) Bromoform	12.35	173	162485	74.507	ug/l #	99
73) Isopropylbenzene	12.47	105	1336203	72.038	ug/l	100
74) N-amyl acetate	12.27	43	320391	72.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	218676	71.928	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	304537	78.339	ug/l #	100
77) Bromobenzene	12.75	156	321919	73.255	ug/l	100
78) n-propylbenzene	12.81	91	1576352	72.246	ug/l	100
79) 2-Chlorotoluene	12.90	91	889545	72.220	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1134380	72.440	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	78534	73.078	ug/l	99
82) 4-Chlorotoluene	12.99	91	948225	73.171	ug/l	100
83) tert-Butylbenzene	13.21	119	1010361	72.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1149176	72.750	ug/l	100
85) sec-Butylbenzene	13.39	105	1420422	72.654	ug/l	100
86) p-Isopropyltoluene	13.51	119	1275303	72.536	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	634816	72.712	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	626592	72.225	ug/l	100
89) n-Butylbenzene	13.83	91	1210026	73.013	ug/l	99
90) Hexachloroethane	14.10	117	241544	73.047	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	570033	73.542	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41132	72.598	ug/l	98

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	437318	72.765	ug/l	100
94) Hexachlorobutadiene	15.24	225	271875	72.474	ug/l	99
95) Naphthalene	15.38	128	766052	73.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	380524	73.122	ug/l	100

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

Data File : VW005890.D

Acq On : 08 Oct 2018 12:14

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Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC075

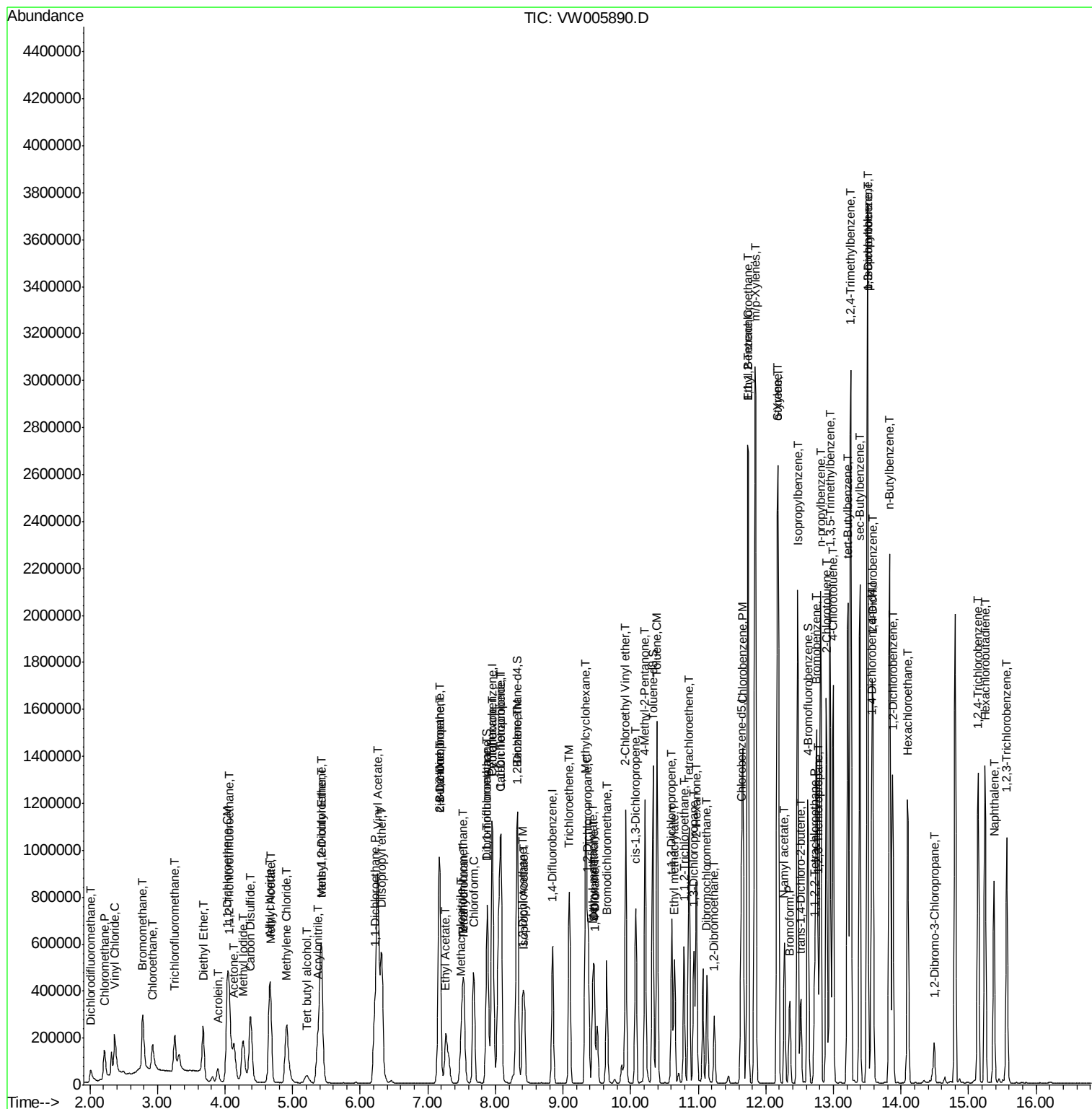
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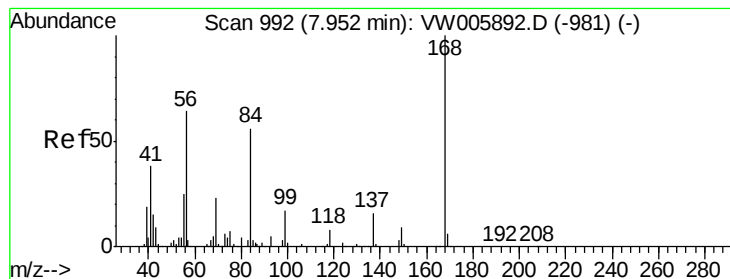
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W100818S.M

Quant Title : SW846 8260

QLast Update : Tue Oct 09 01:57:02 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

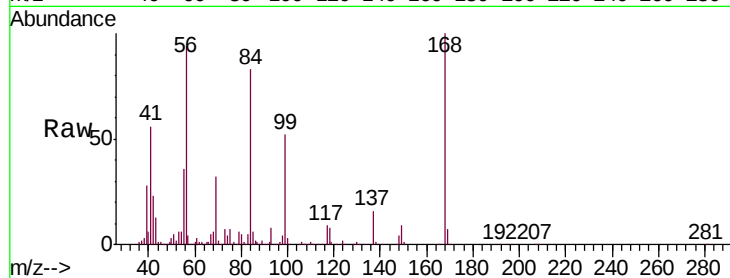
VSTDIC075

Tgt Ion:168 Resp: 347784

Ion Ratio Lower Upper

168 100

99 51.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

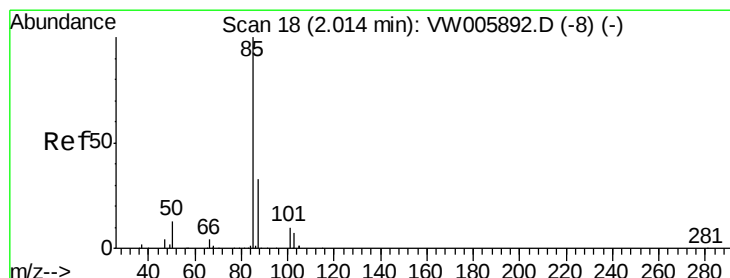
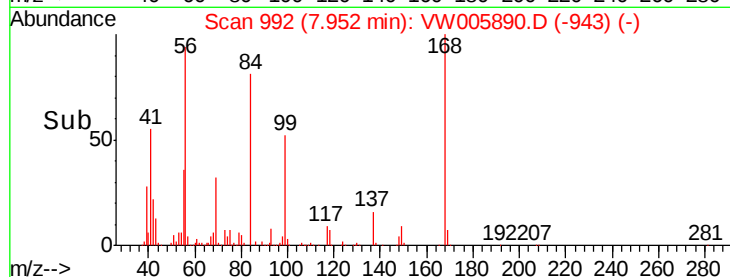
150000

100000

50000

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Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 77.953 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005890.D

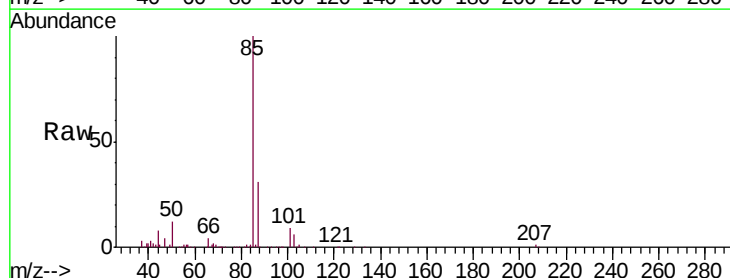
Acq: 08 Oct 2018 12:14

Tgt Ion: 85 Resp: 132854

Ion Ratio Lower Upper

85 100

87 31.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

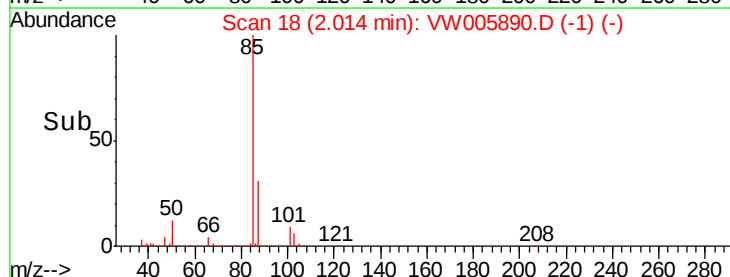
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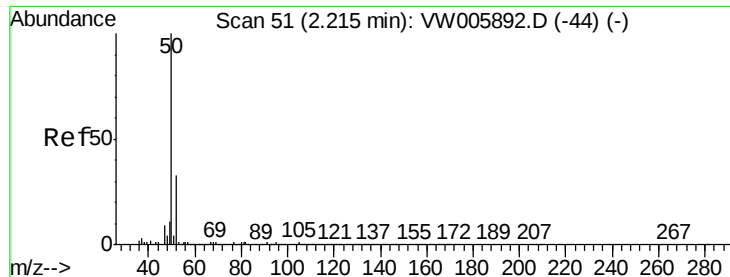
20000

10000

0

Time--> 1.80 2.00 2.20





#3

Chloromethane

Concen: 68.894 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

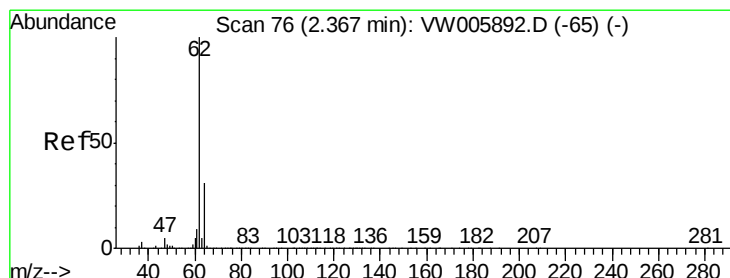
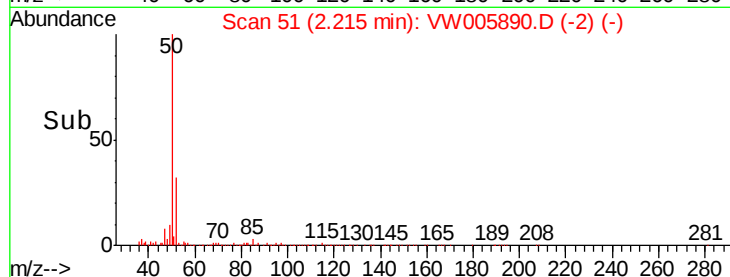
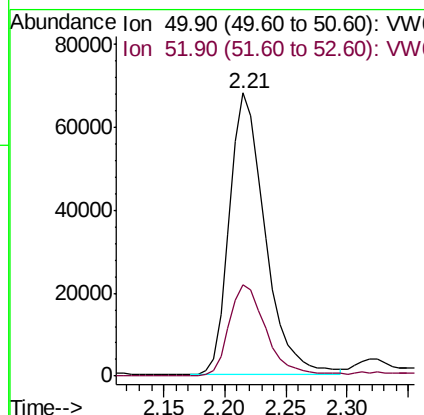
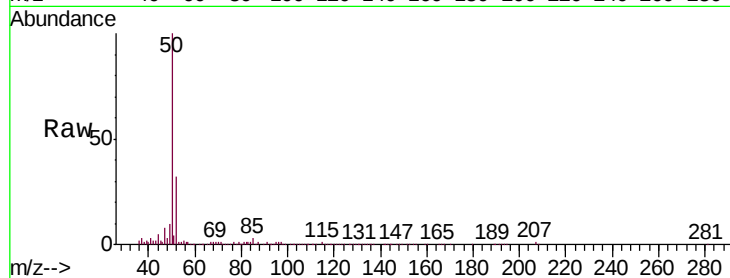
VSTDIC075

Tgt Ion: 50 Resp: 138111

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 75.548 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005890.D

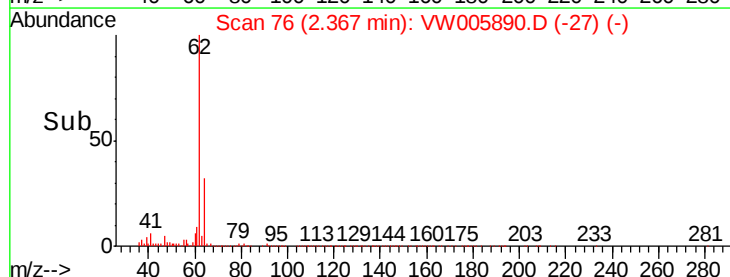
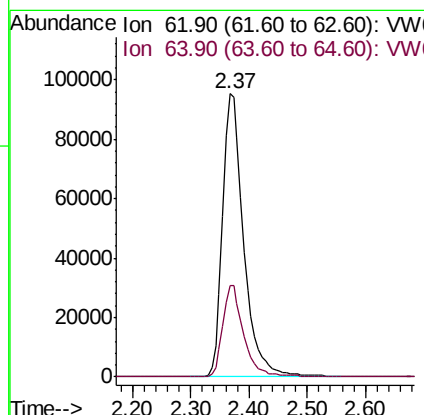
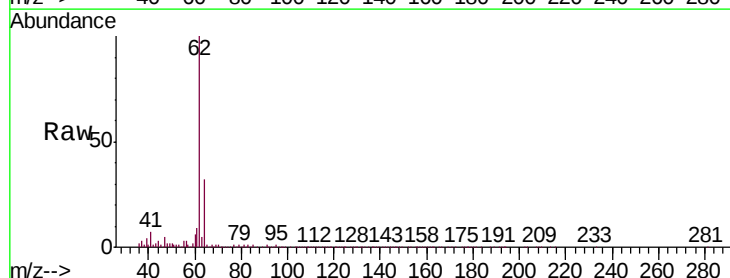
Acq: 08 Oct 2018 12:14

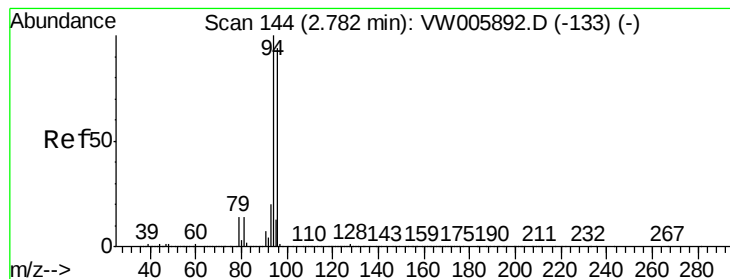
Tgt Ion: 62 Resp: 240439

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 74.717 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

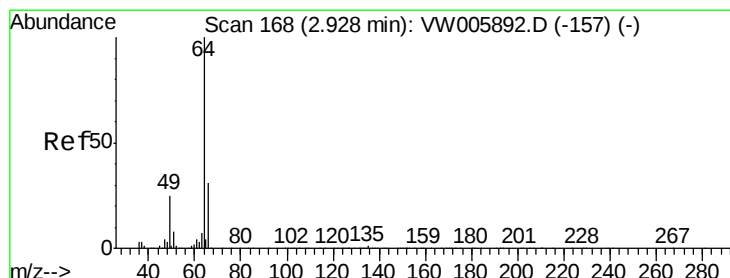
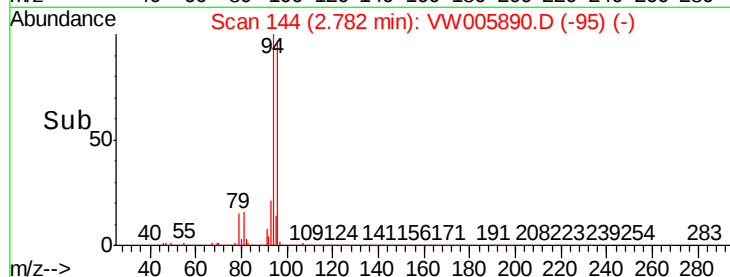
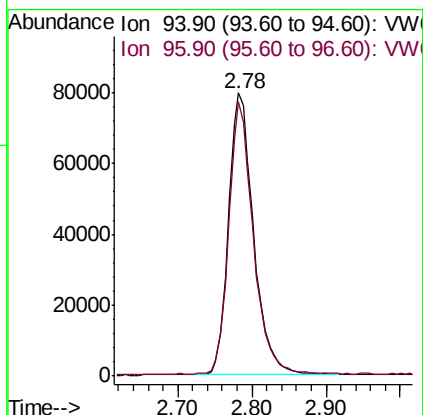
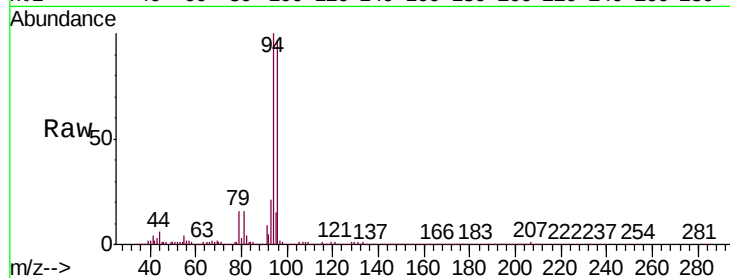
VSTDIC075

Tgt Ion: 94 Resp: 187672

Ion Ratio Lower Upper

94 100

96 96.7 75.0 112.4



#6

Chloroethane

Concen: 74.192 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005890.D

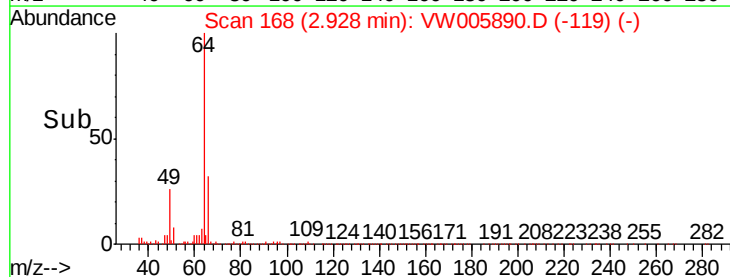
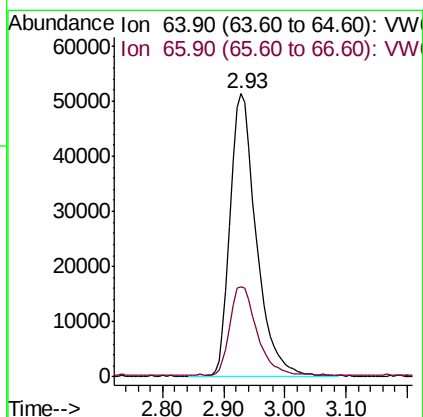
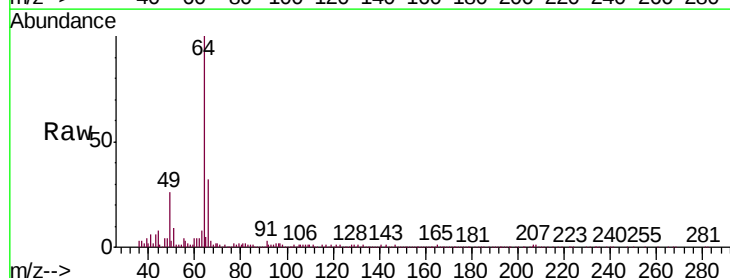
Acq: 08 Oct 2018 12:14

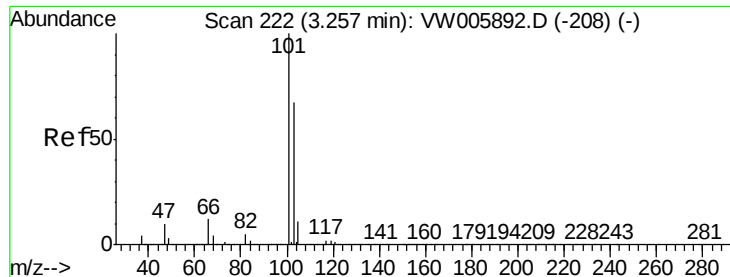
Tgt Ion: 64 Resp: 150440

Ion Ratio Lower Upper

64 100

66 31.5 25.0 37.4



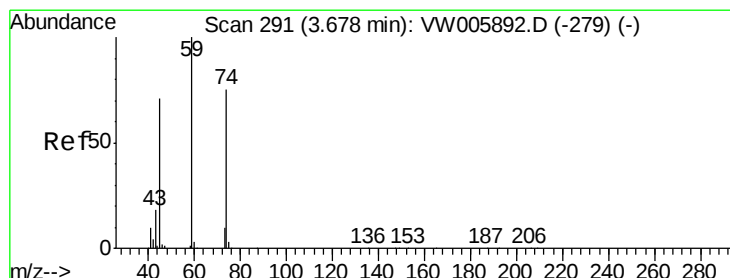
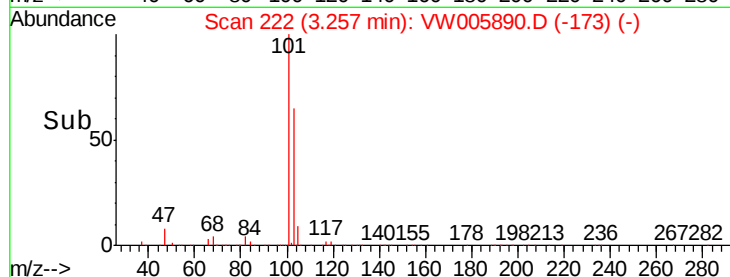
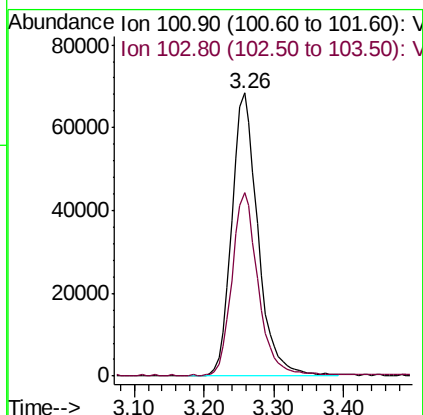
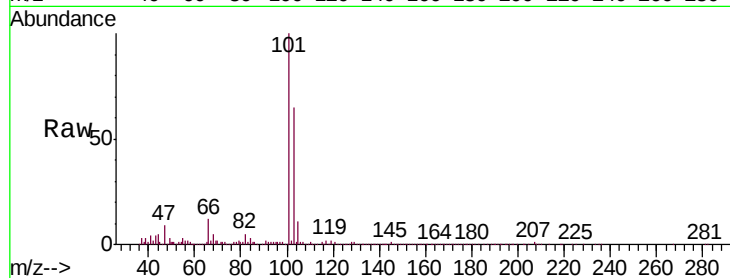


#7

Trichlorofluoromethane
 Concen: 70.201 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005890.D
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 VSTDIC075

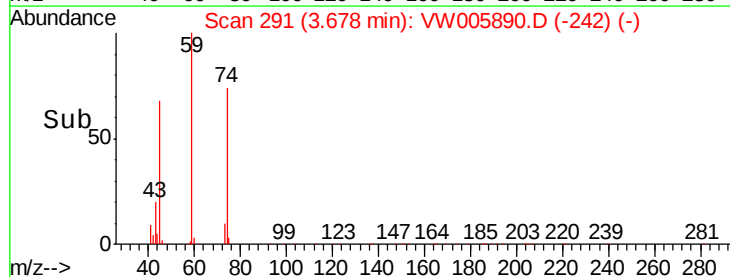
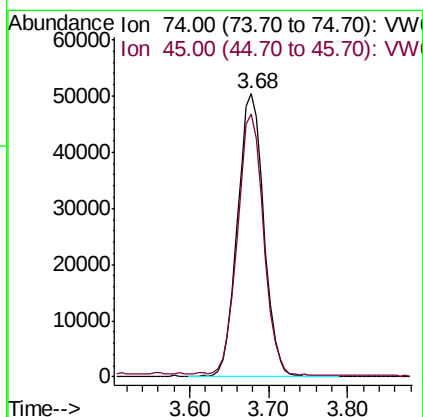
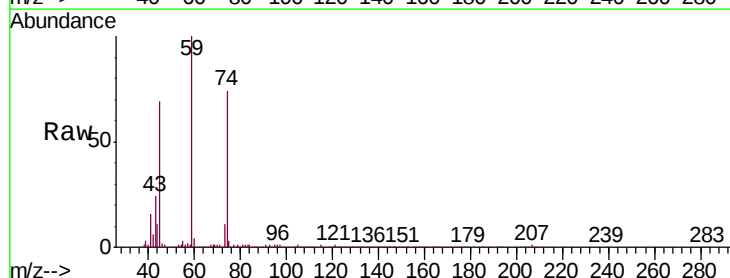
Tgt Ion:101 Resp: 177352
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.5 80.3

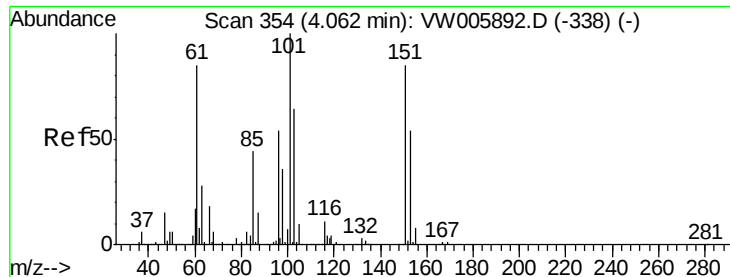


#8

Diethyl Ether
 Concen: 74.653 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion: 74 Resp: 116069
 Ion Ratio Lower Upper
 74 100
 45 92.8 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 71.691 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

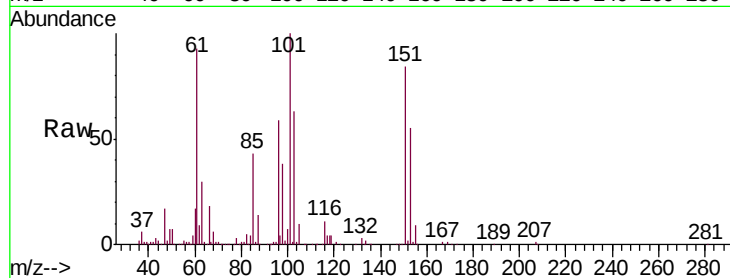
Tgt Ion:101 Resp: 228563

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

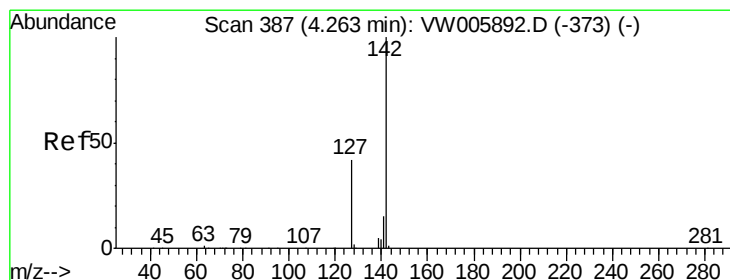
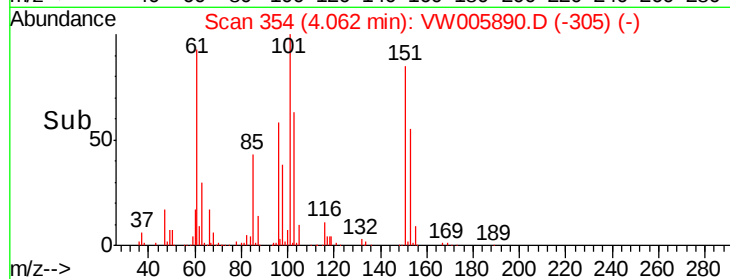
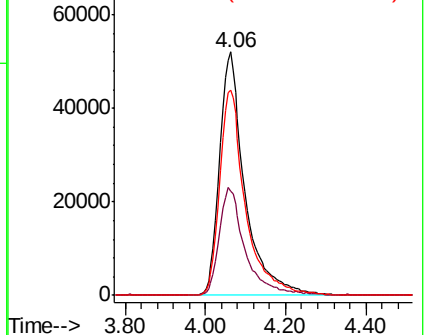
151 86.1 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 72.786 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

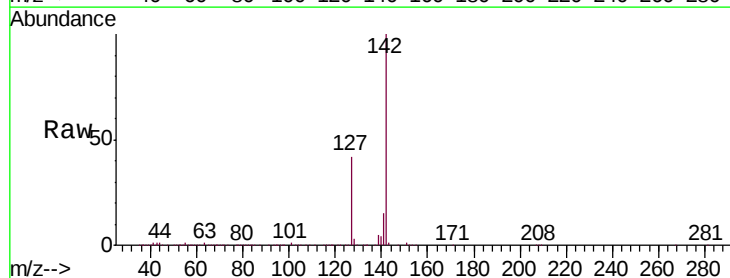
Tgt Ion:142 Resp: 379506

Ion Ratio Lower Upper

142 100

127 41.6 33.7 50.5

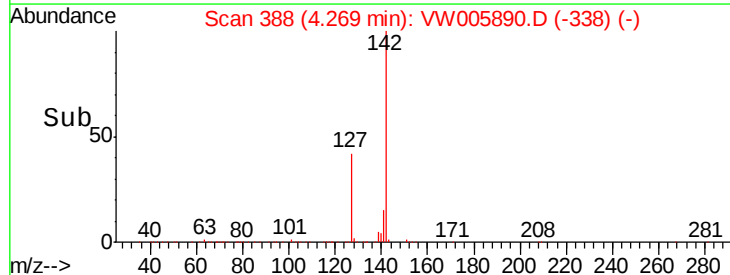
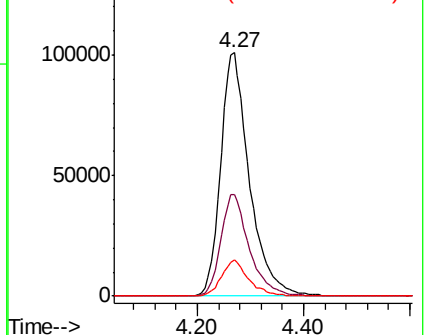
141 14.3 11.5 17.3

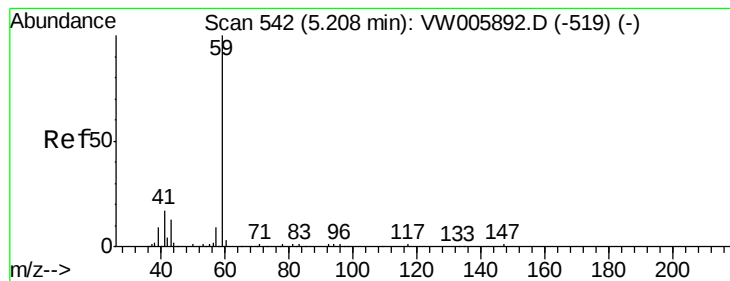


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 340.480 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

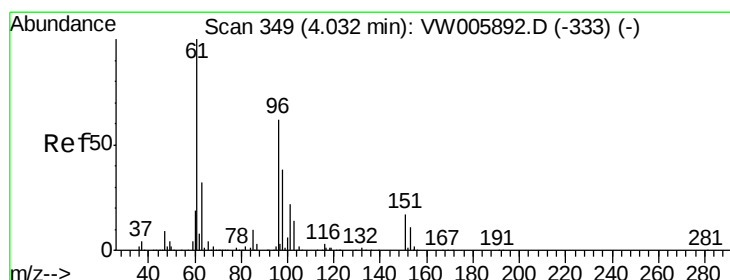
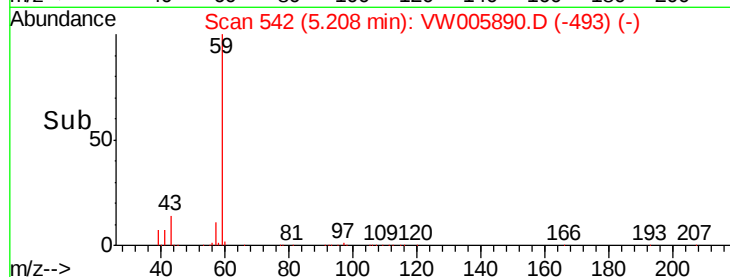
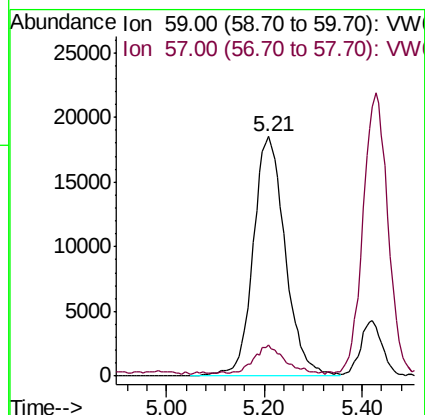
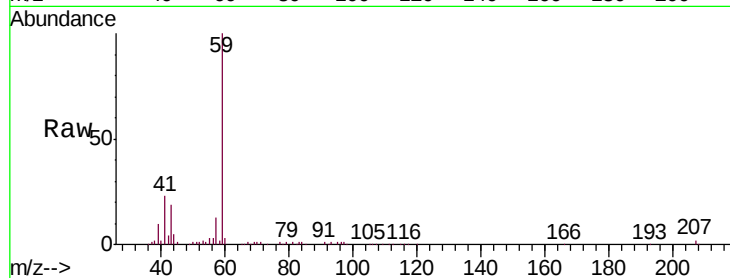
VSTDIC075

Tgt Ion: 59 Resp: 84247

Ion Ratio Lower Upper

59 100

57 11.8 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 71.324 ug/l

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

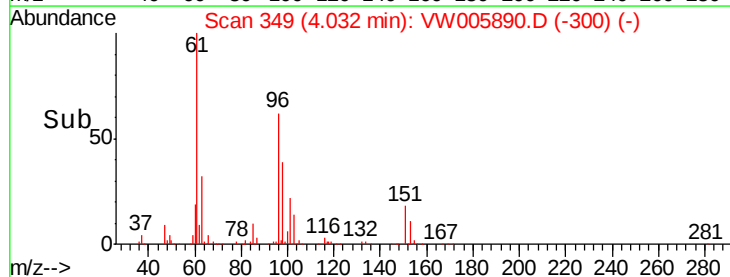
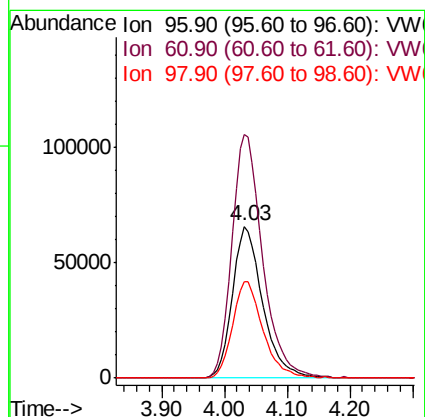
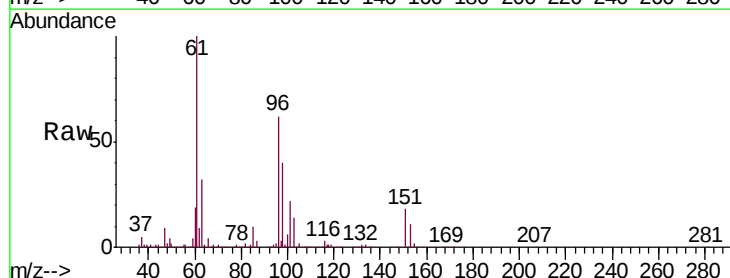
Tgt Ion: 96 Resp: 218365

Ion Ratio Lower Upper

96 100

61 160.8 128.6 193.0

98 63.4 49.4 74.0





#13

Acrolein

Concen: 324.817 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

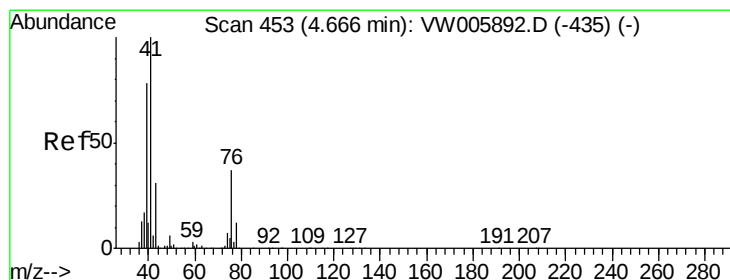
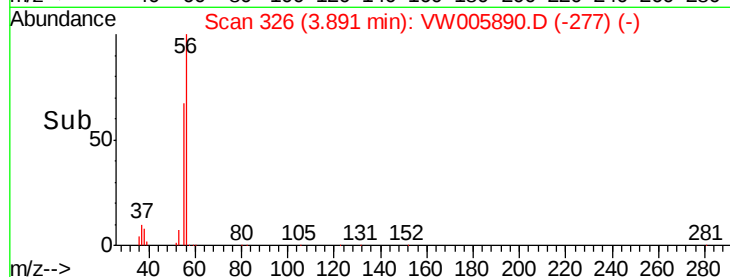
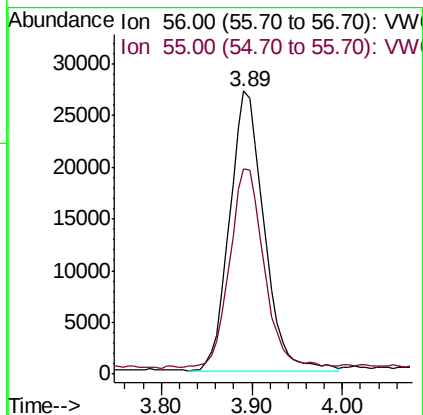
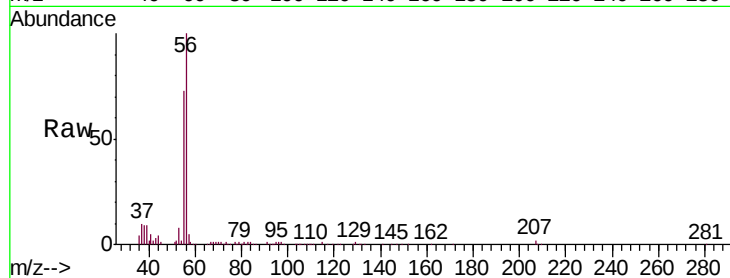
VSTDIC075

Tgt Ion: 56 Resp: 71622

Ion Ratio Lower Upper

56 100

55 69.7 54.6 82.0



#14

Allyl chloride

Concen: 70.776 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

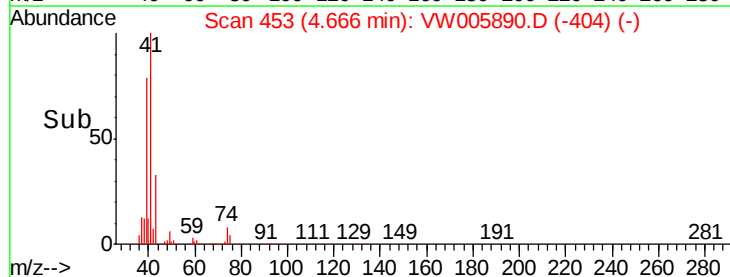
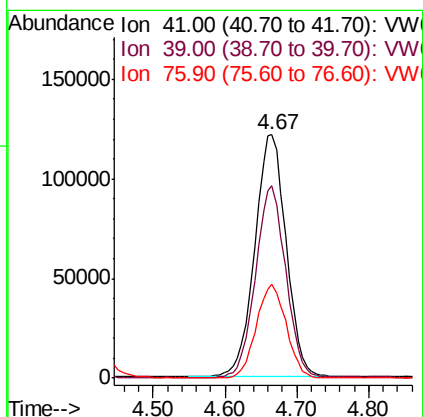
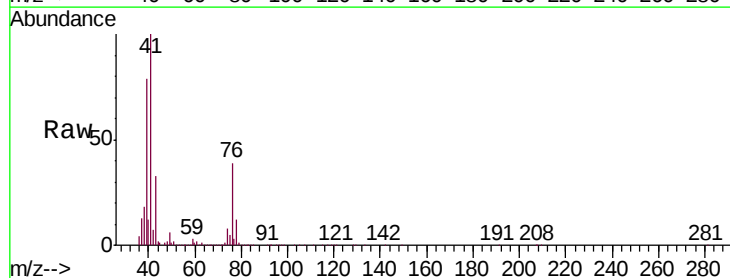
Tgt Ion: 41 Resp: 369517

Ion Ratio Lower Upper

41 100

39 76.1 60.8 91.2

76 36.8 29.6 44.4





#15

Acrylonitrile

Concen: 364.054 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

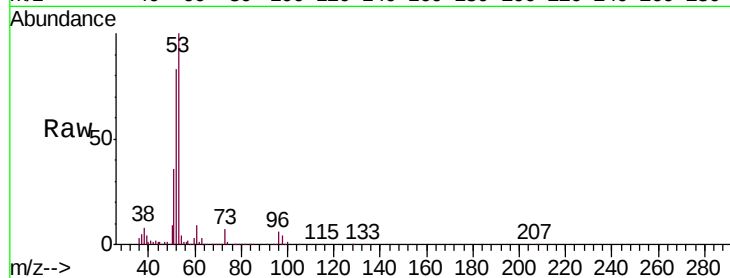
Tgt Ion: 53 Resp: 246333

Ion Ratio Lower Upper

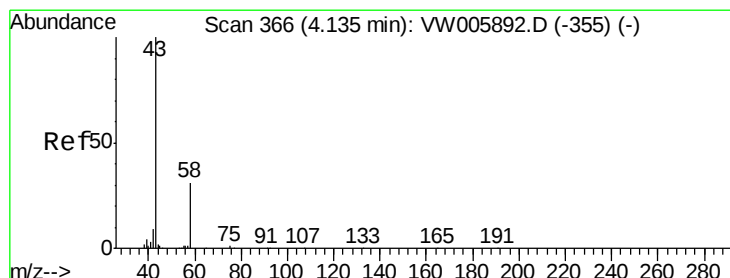
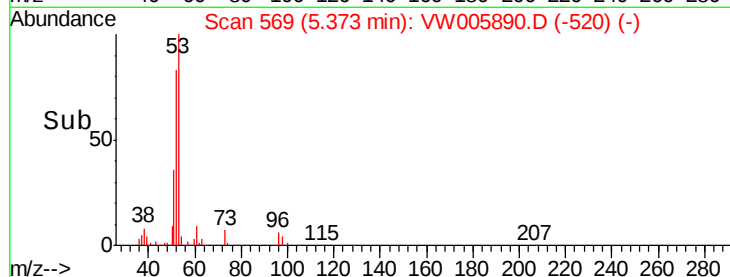
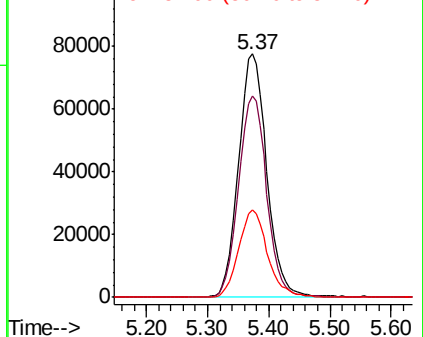
53 100

52 83.2 66.8 100.2

51 36.7 29.8 44.6



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



#16

Acetone

Concen: 331.667 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW005890.D

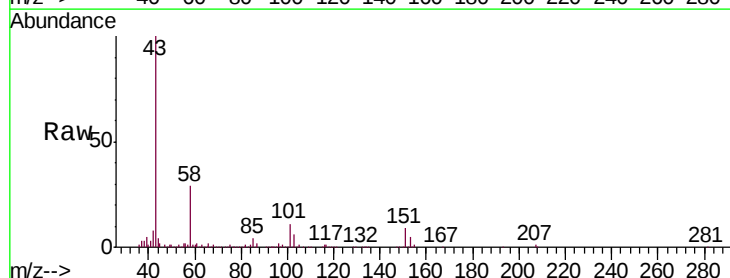
Acq: 08 Oct 2018 12:14

Tgt Ion: 43 Resp: 223667

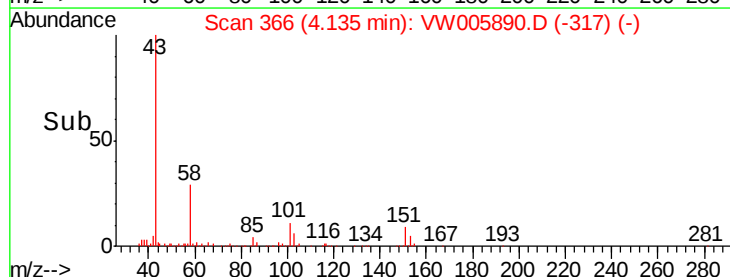
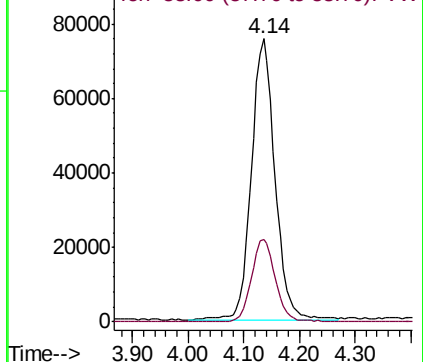
Ion Ratio Lower Upper

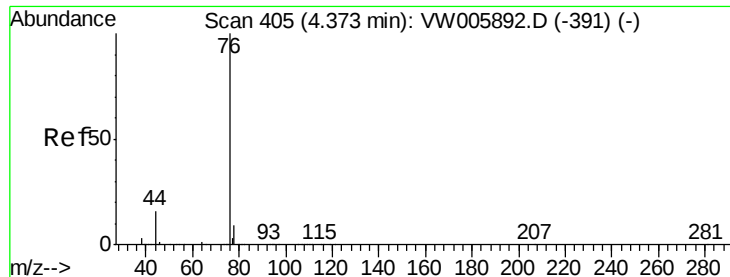
43 100

58 29.0 24.7 37.1



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

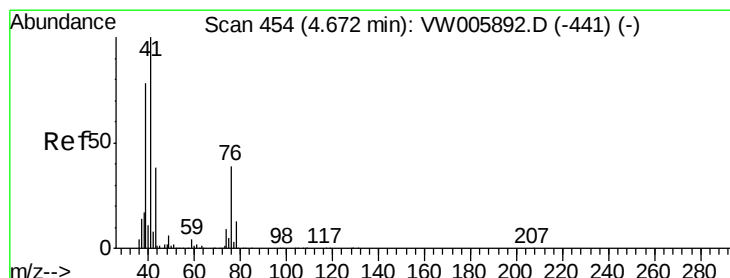
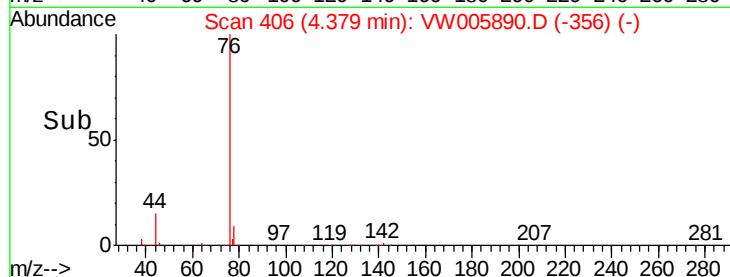
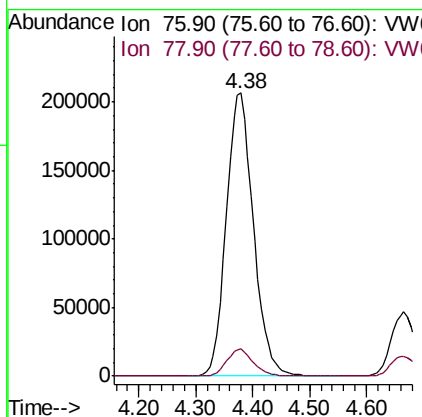
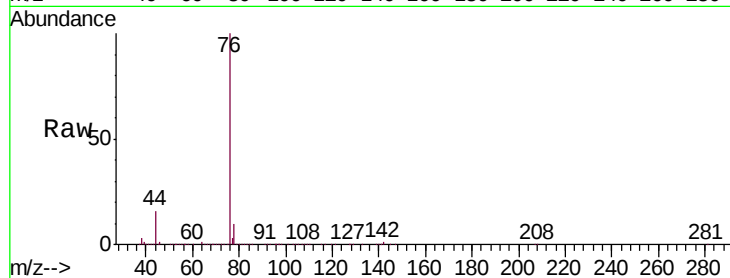




#17
Carbon Disulfide
Concen: 74.238 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

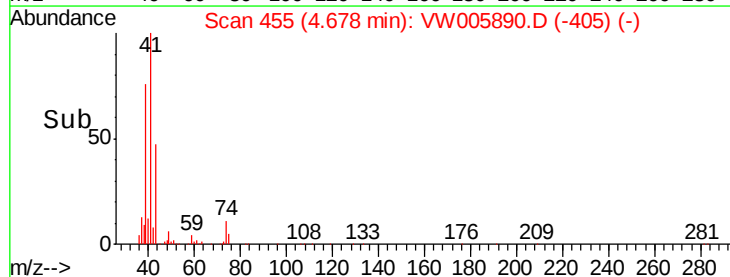
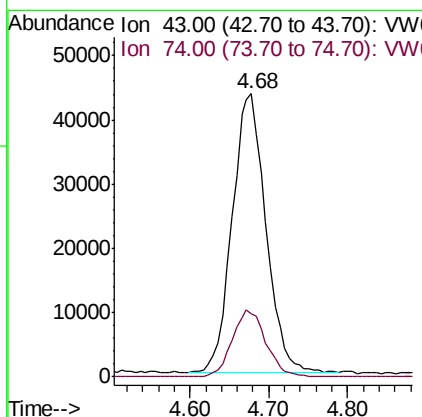
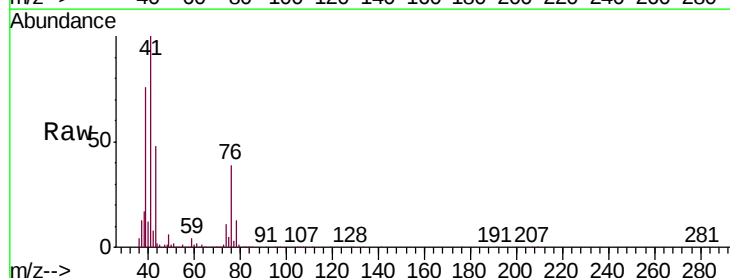
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

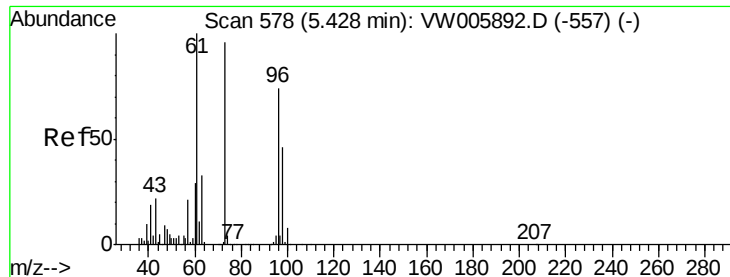
Tgt Ion: 76 Resp: 687135
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 75.614 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 43 Resp: 128679
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8

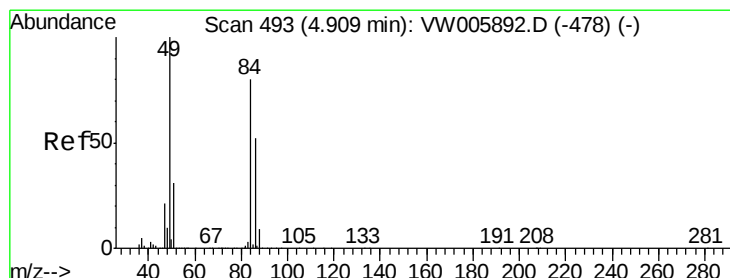
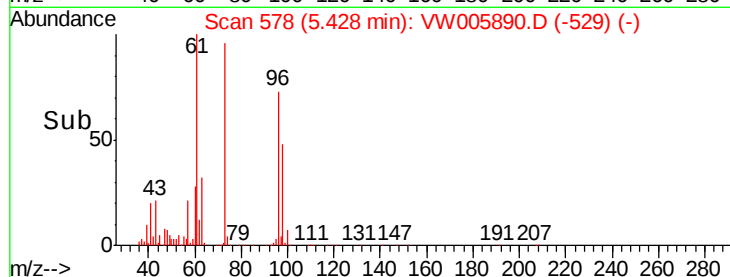
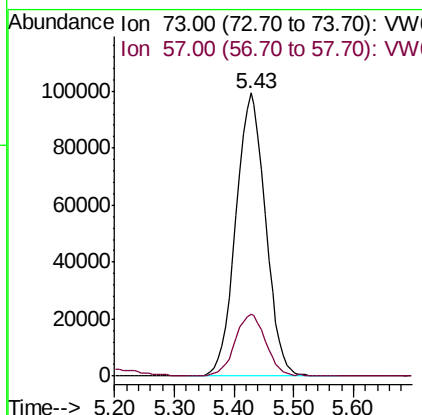
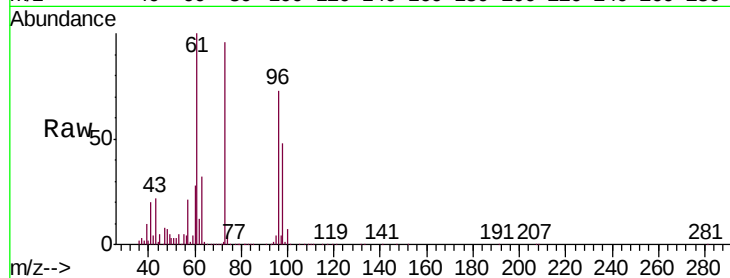




#19
Methyl tert-butyl Ether
Concen: 71.962 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

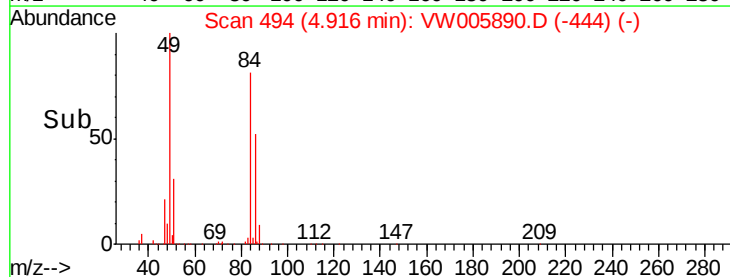
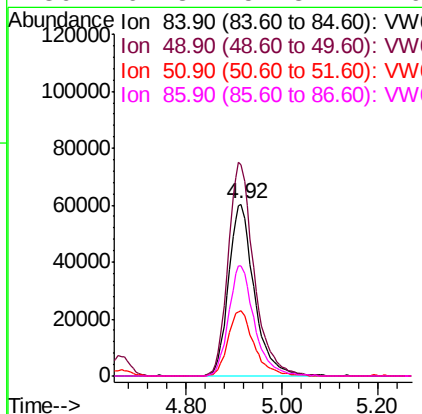
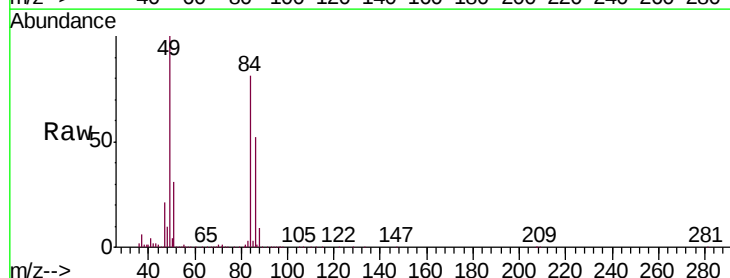
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

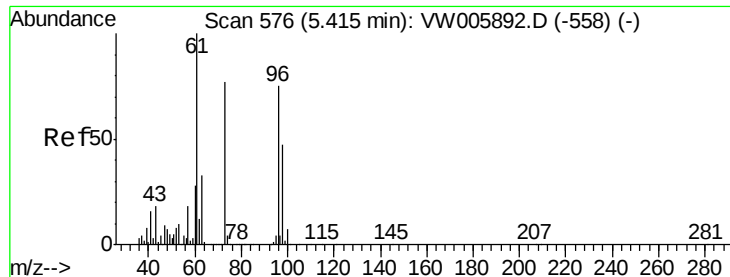
Tgt Ion: 73 Resp: 342759
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 66.119 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 84 Resp: 223396
Ion Ratio Lower Upper
84 100
49 123.0 99.9 149.9
51 37.8 31.1 46.7
86 64.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 73.118 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

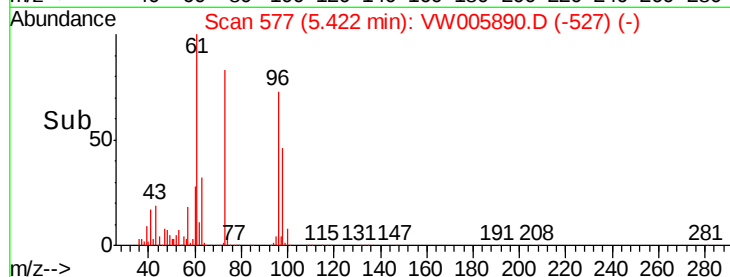
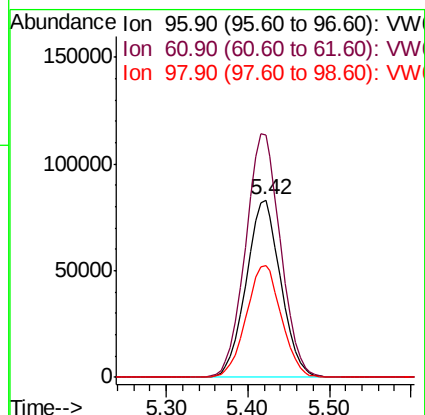
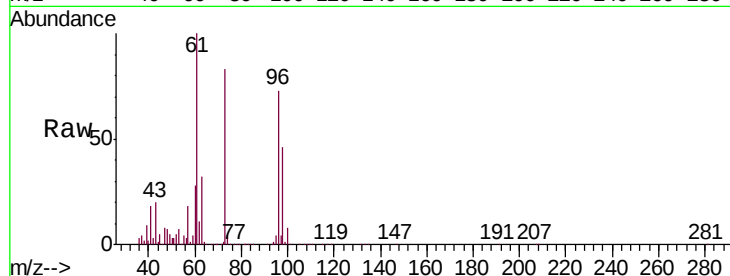
Tgt Ion: 96 Resp: 243986

Ion Ratio Lower Upper

96 100

61 136.5 107.4 161.0

98 63.2 50.8 76.2



#22

Diisopropyl ether

Concen: 72.399 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion: 45 Resp: 706615

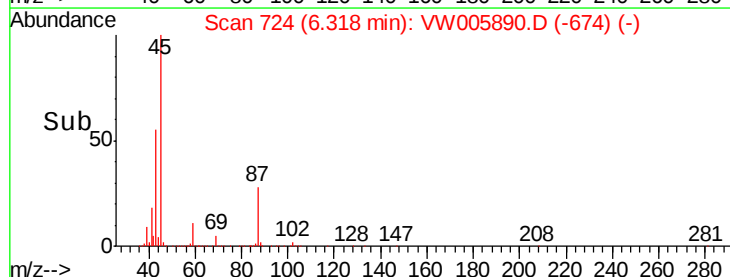
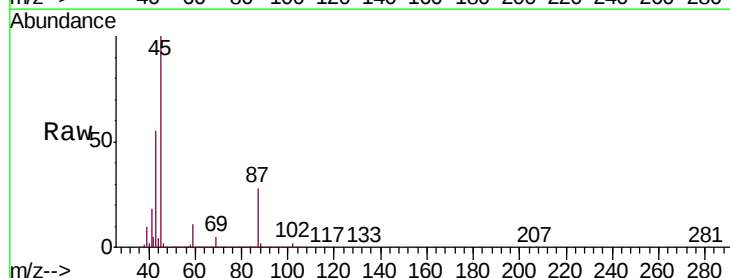
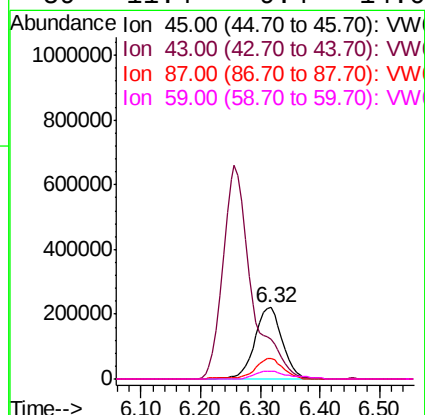
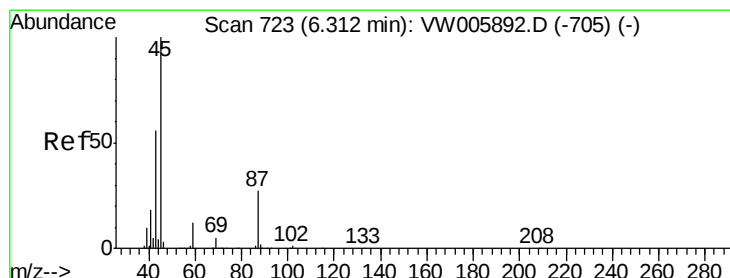
Ion Ratio Lower Upper

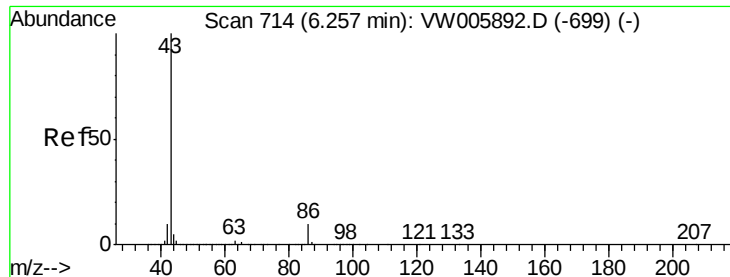
45 100

43 55.2 45.9 68.9

87 28.4 22.2 33.4

59 11.4 9.4 14.0





#23

Vinyl Acetate

Concen: 363.831 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

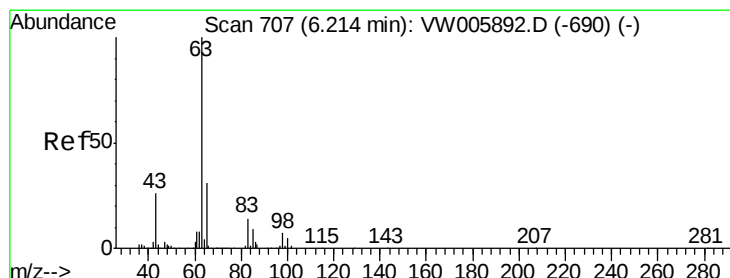
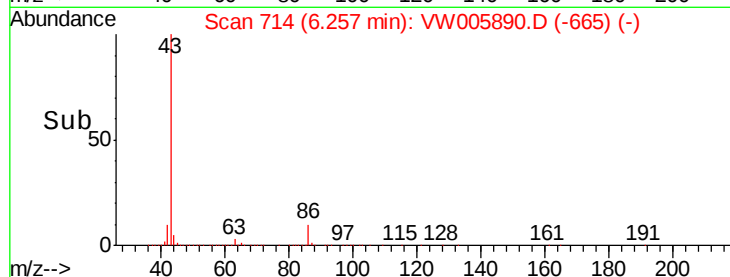
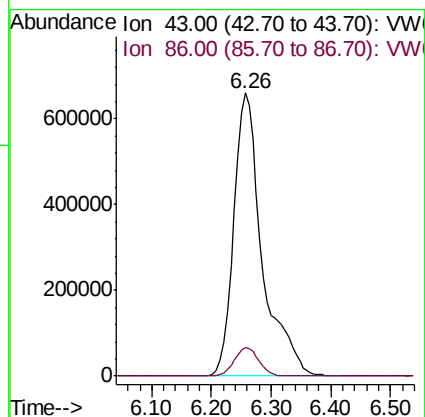
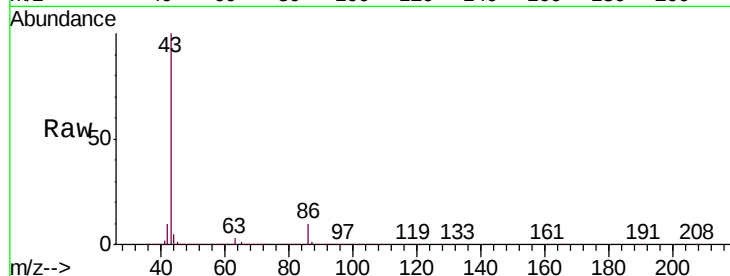
VSTDIC075

Tgt Ion: 43 Resp: 2185579

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.4



#24

1,1-Dichloroethane

Concen: 72.438 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

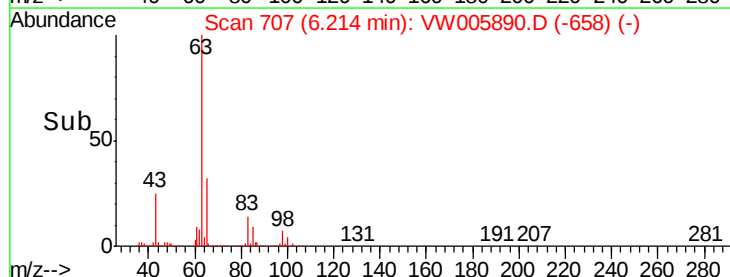
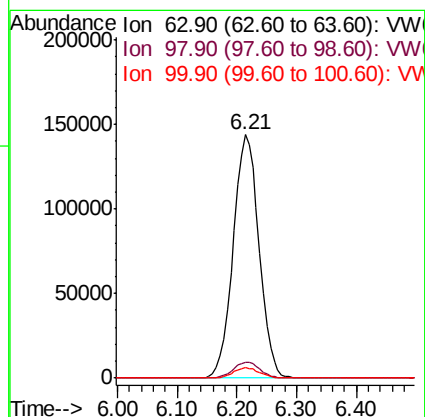
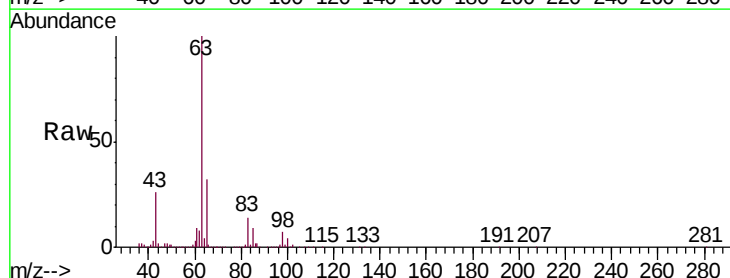
Tgt Ion: 63 Resp: 432653

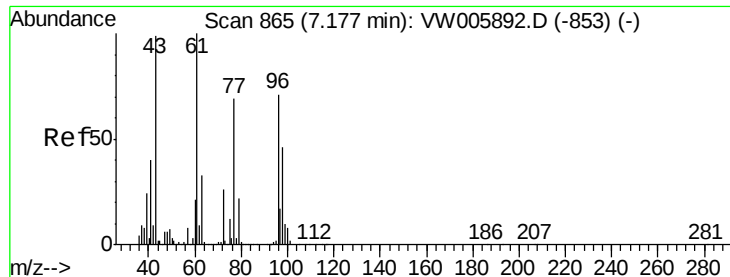
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 351.887 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

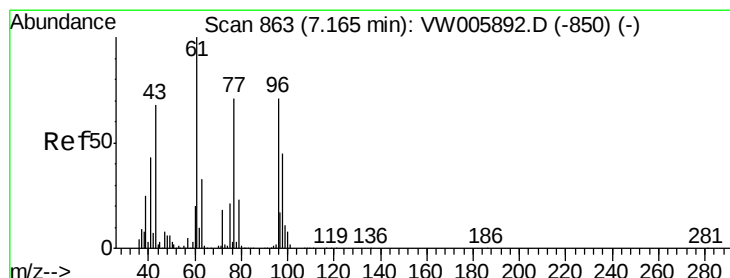
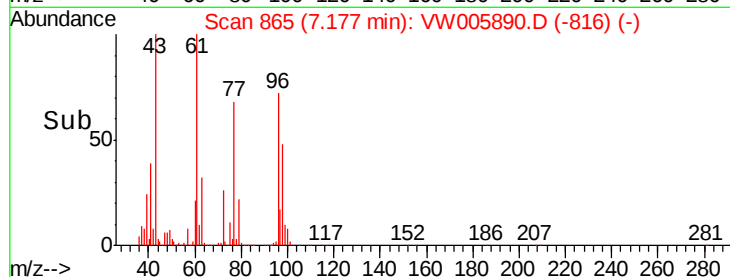
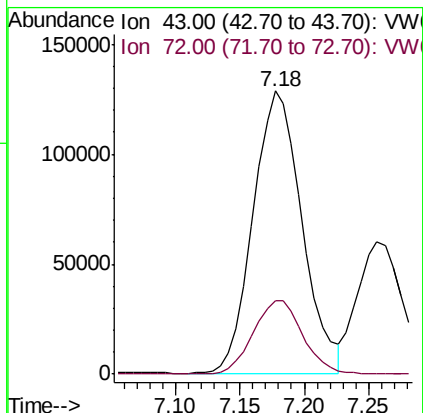
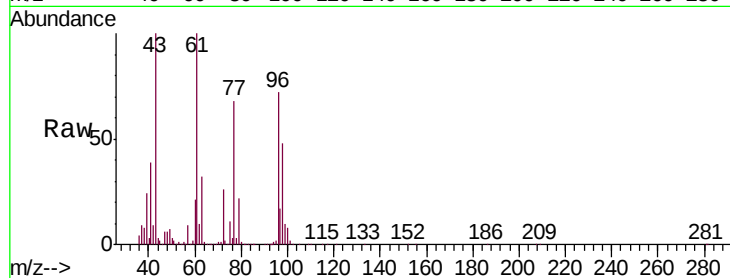
VSTDIC075

Tgt Ion: 43 Resp: 337522

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 68.014 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005890.D

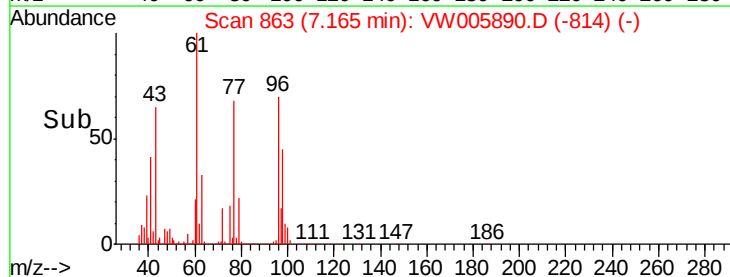
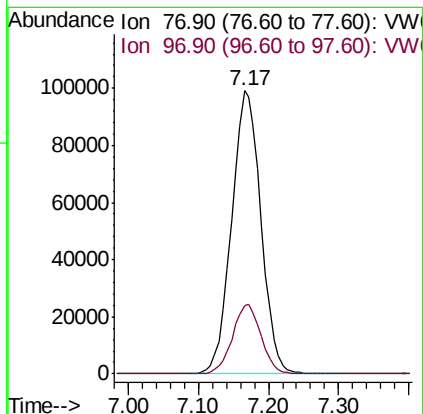
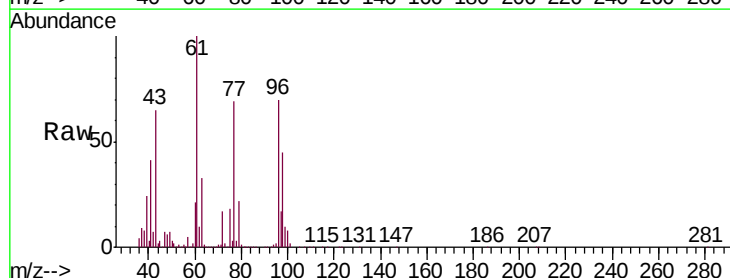
Acq: 08 Oct 2018 12:14

Tgt Ion: 77 Resp: 285895

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7



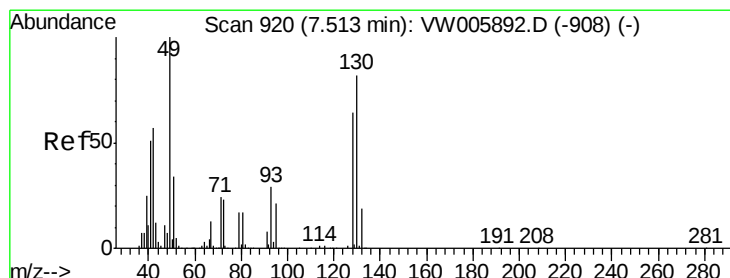
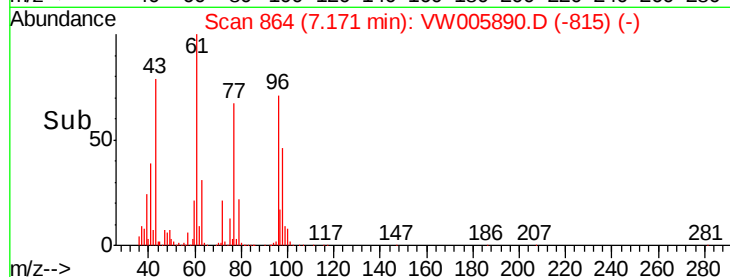
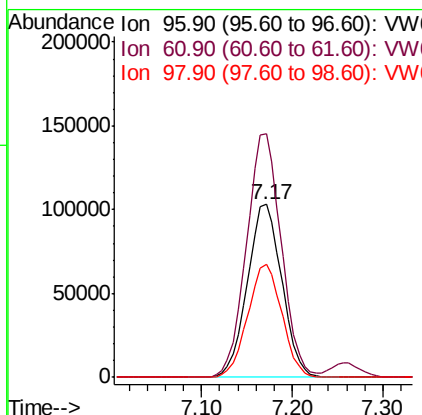
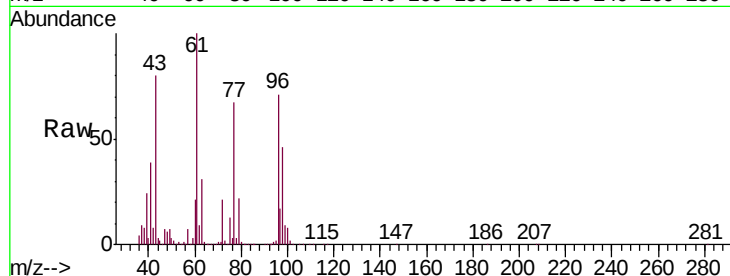


#27

cis-1,2-Dichloroethene
Concen: 71.905 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

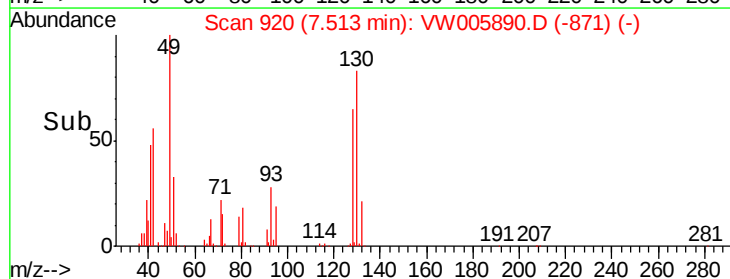
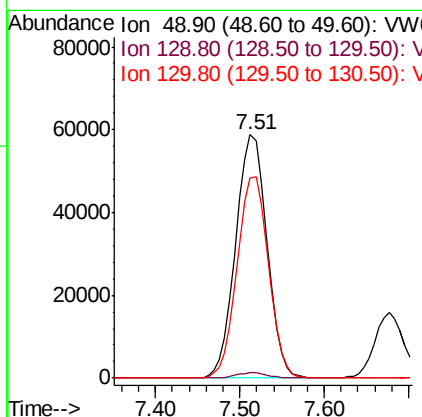
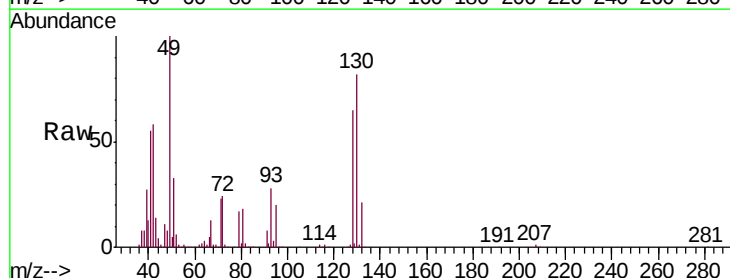
Tgt Ion: 96 Resp: 271347
Ion Ratio Lower Upper
96 100
61 142.0 0.0 284.0
98 65.1 0.0 129.8

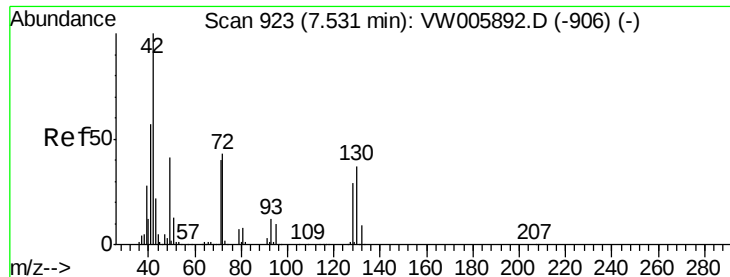


#28

Bromochloromethane
Concen: 67.081 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 49 Resp: 147890
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 82.7 66.9 100.3





#29

Tetrahydrofuran

Concen: 358.481 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

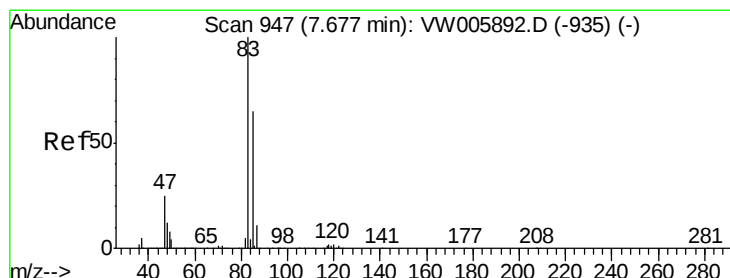
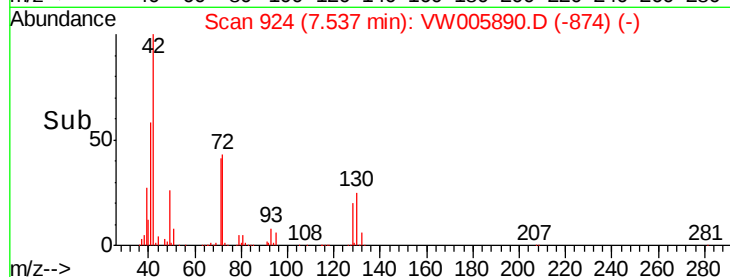
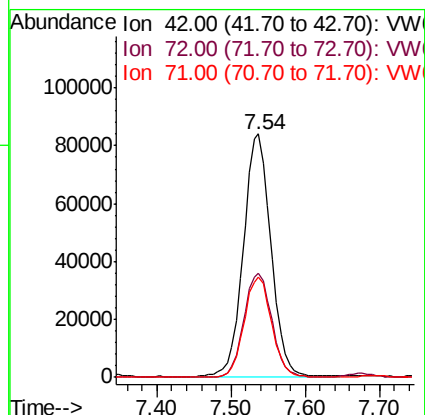
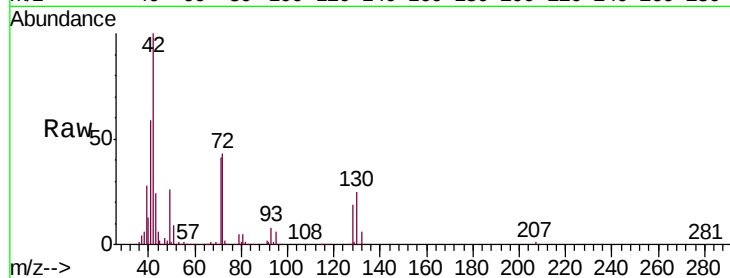
Tgt Ion: 42 Resp: 217361

Ion Ratio Lower Upper

42 100

72 43.5 34.6 51.8

71 41.0 32.6 49.0



#30

Chloroform

Concen: 72.334 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW005890.D

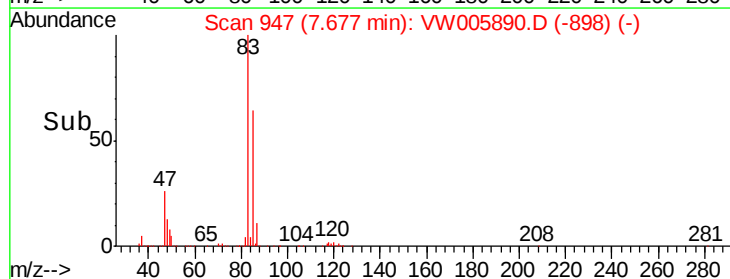
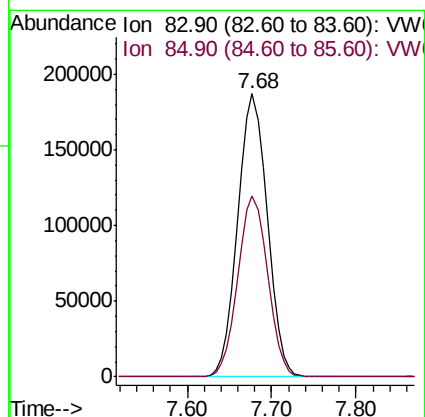
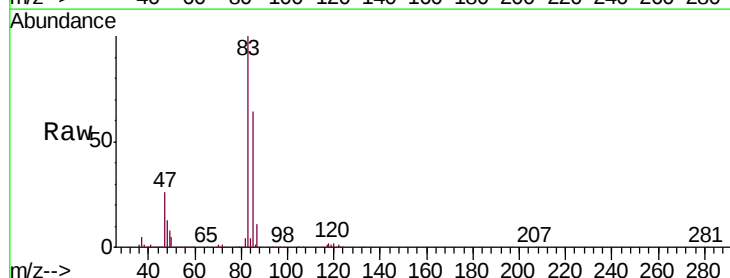
Acq: 08 Oct 2018 12:14

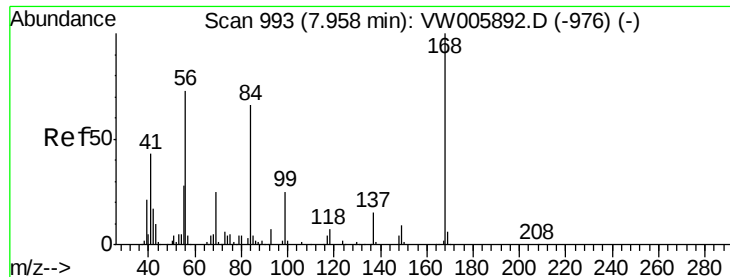
Tgt Ion: 83 Resp: 443759

Ion Ratio Lower Upper

83 100

85 64.1 51.6 77.4

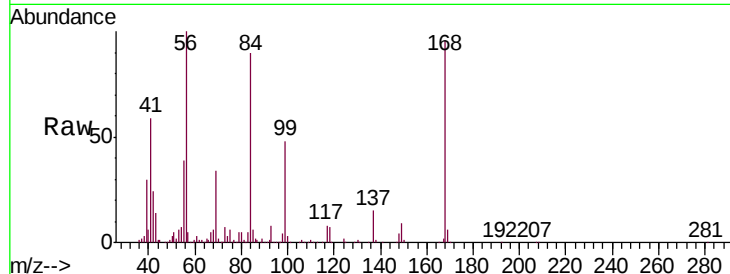




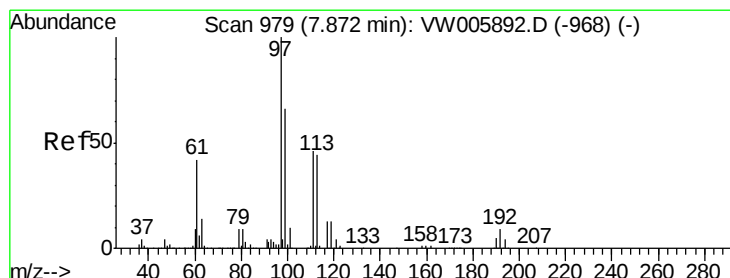
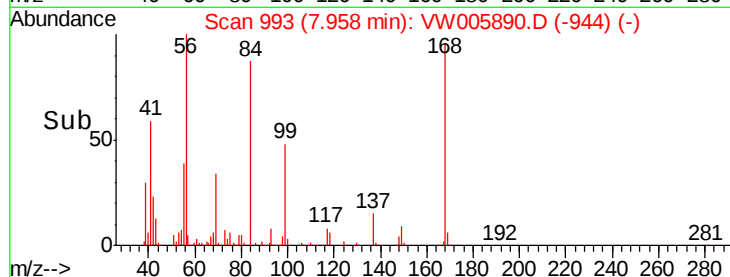
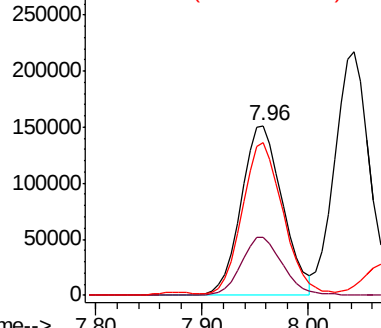
#31
Cyclohexane
Concen: 68.623 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 405609
Ion Ratio Lower Upper
56 100
69 34.1 27.9 41.9
84 88.8 72.3 108.5

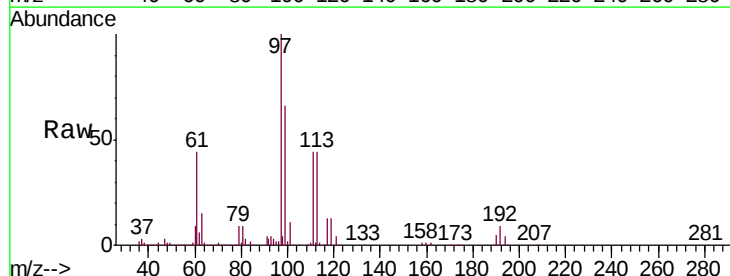


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

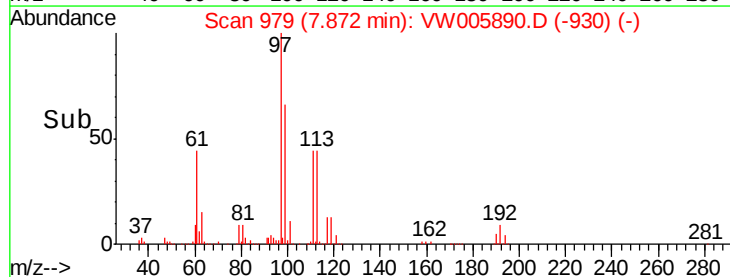
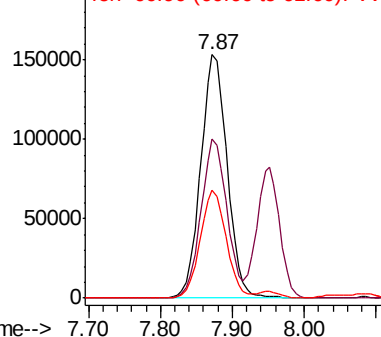


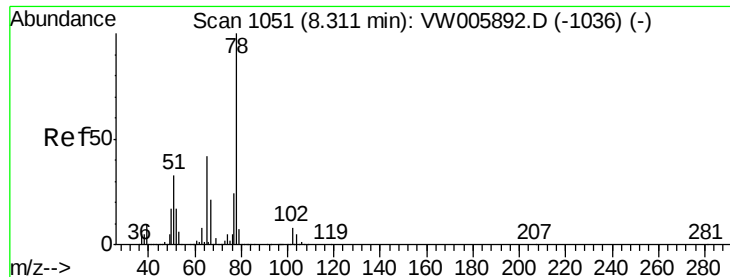
#32
1,1,1-Trichloroethane
Concen: 71.533 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 97 Resp: 390818
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 43.9 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 72.031 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

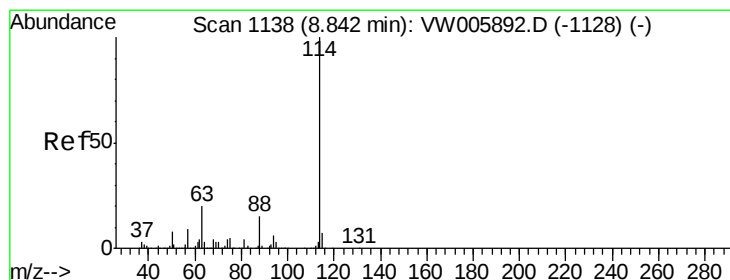
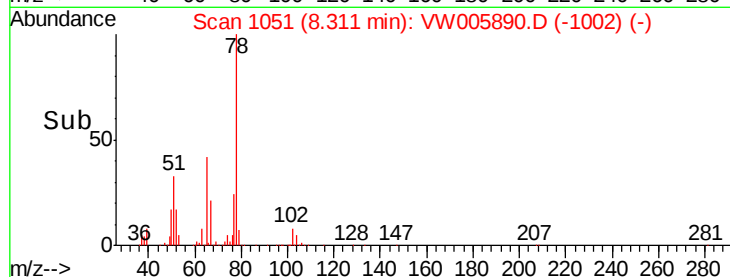
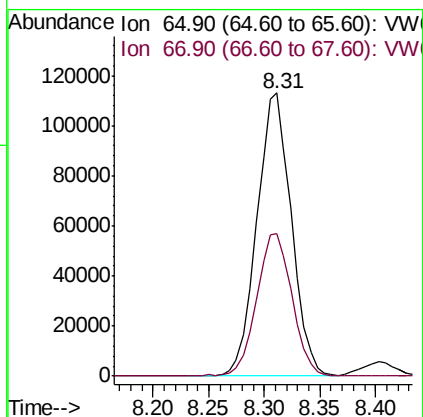
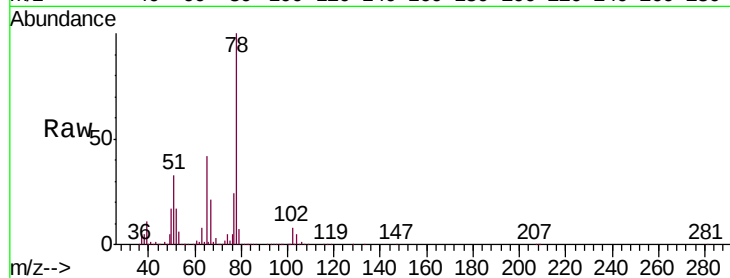
VSTDIC075

Tgt Ion: 65 Resp: 243190

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

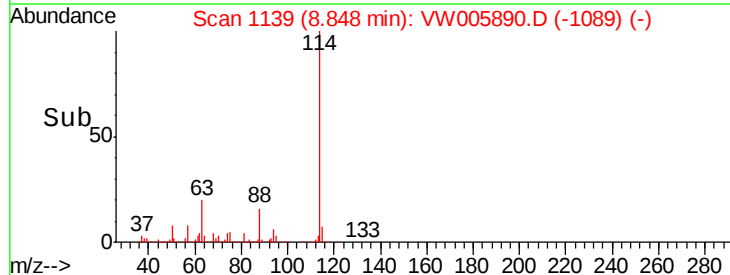
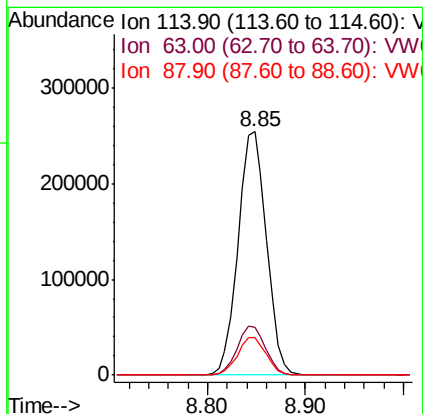
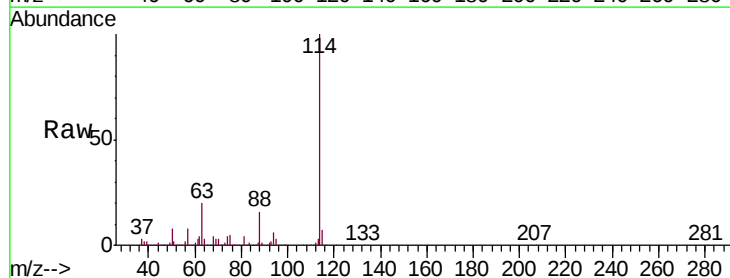
Tgt Ion: 114 Resp: 510713

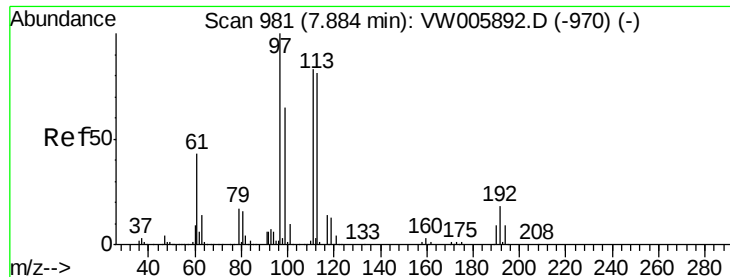
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.5 0.0 30.8

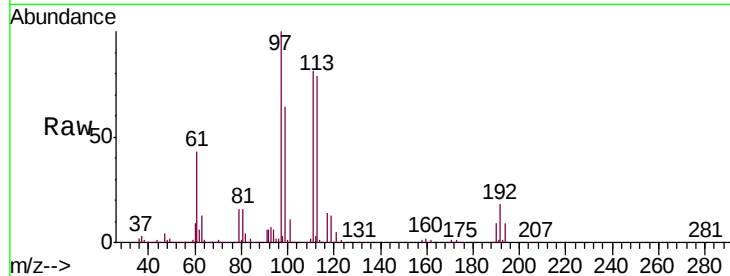




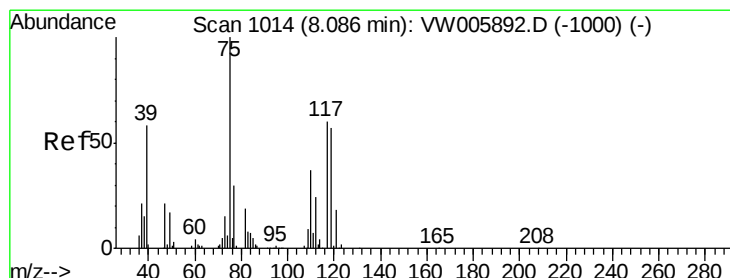
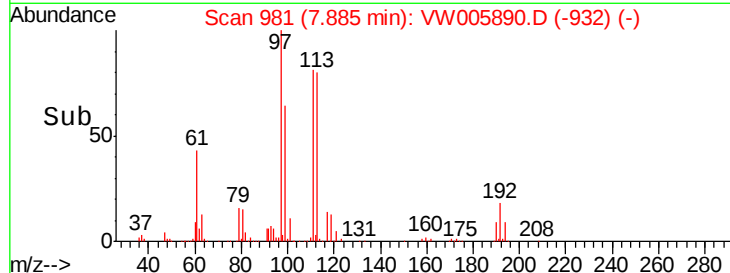
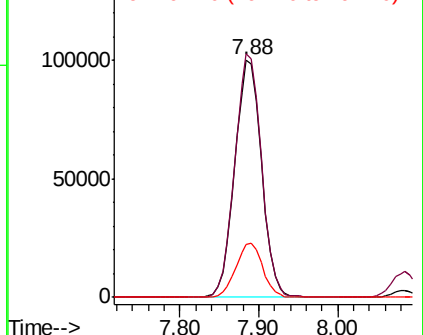
#35
 Dibromofluoromethane
 Concen: 72.538 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 113 Resp: 236525
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 22.7 18.3 27.5

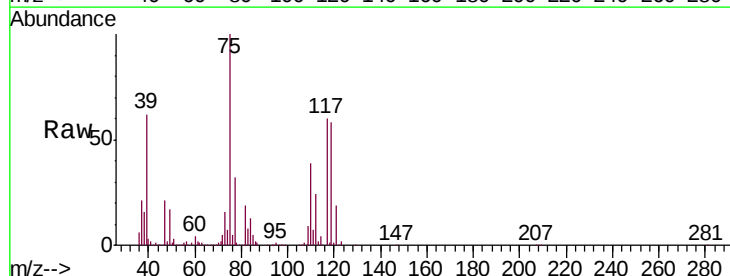


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

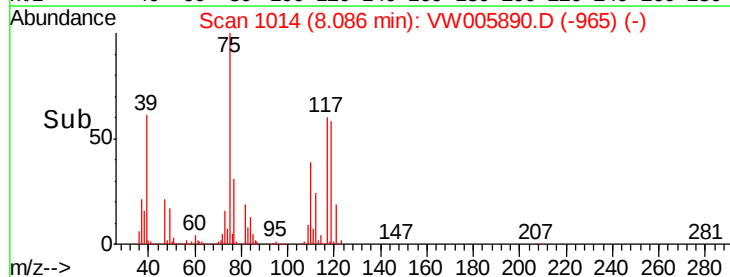
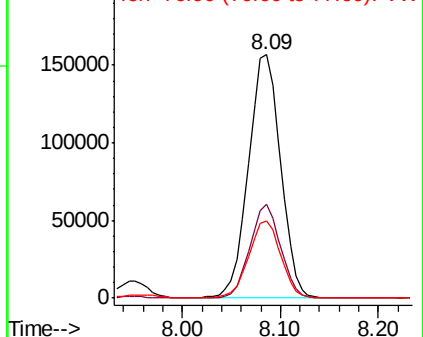


#36
 1,1-Dichloropropene
 Concen: 73.052 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion: 75 Resp: 357487
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.6 56.0
 77 31.5 24.7 37.1



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

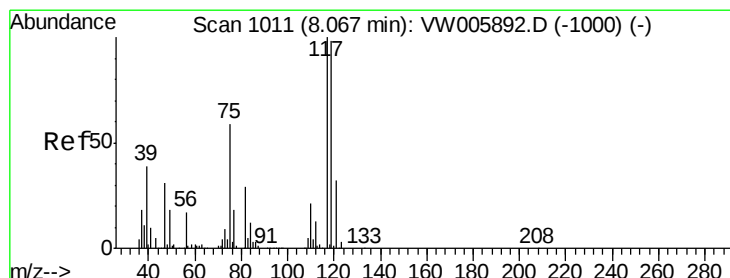
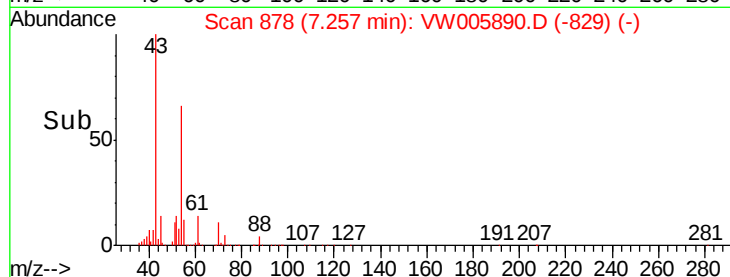
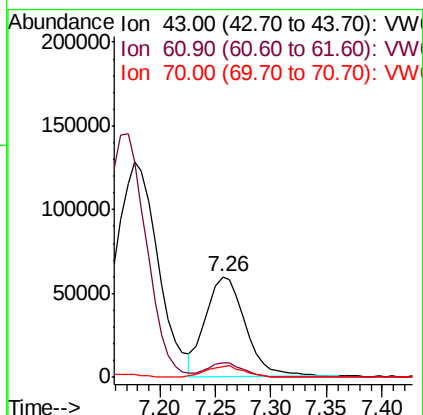
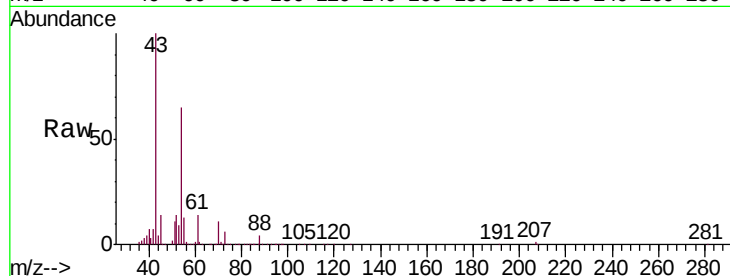




#37
Ethyl Acetate
Concen: 71.023 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

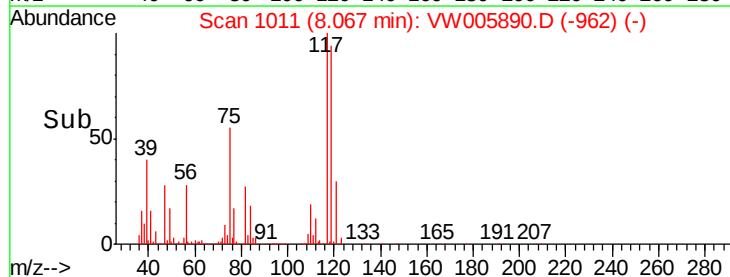
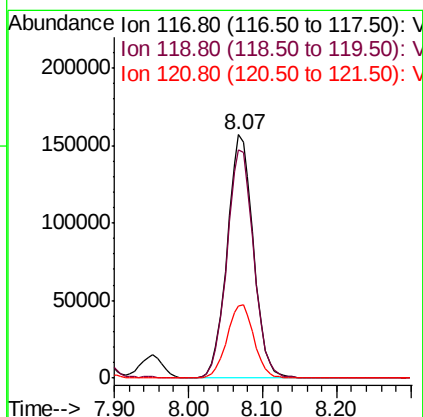
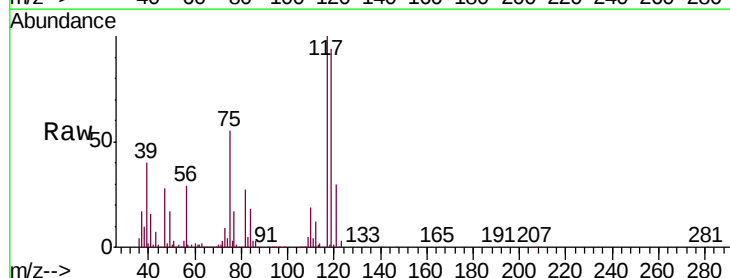
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

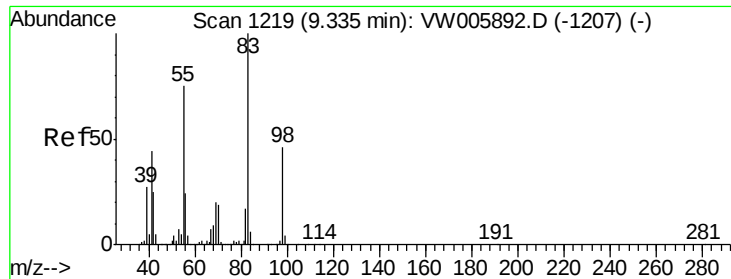
Tgt Ion: 43 Resp: 147183
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 73.469 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 117 Resp: 386271
Ion Ratio Lower Upper
117 100
119 93.8 78.6 117.8
121 29.8 25.3 37.9

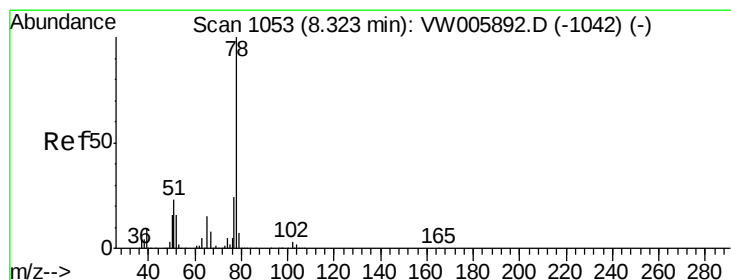
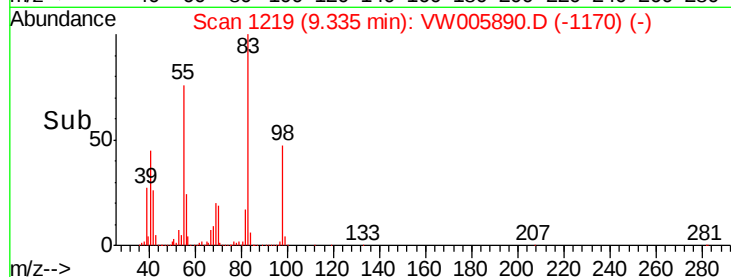
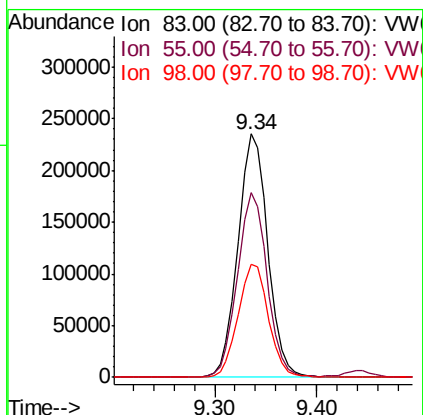
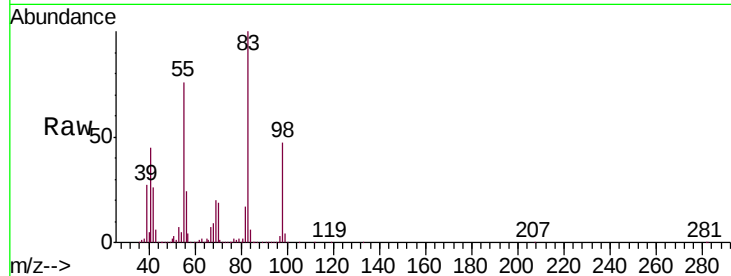




#39
Methylcyclohexane
Concen: 74.004 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

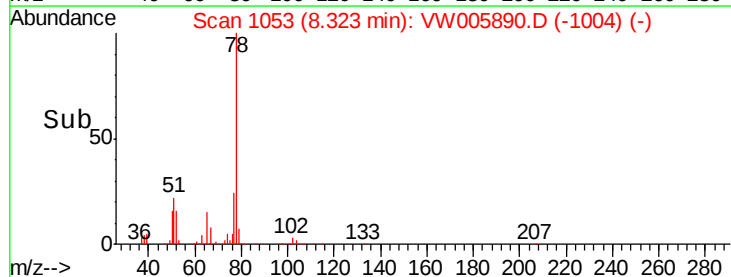
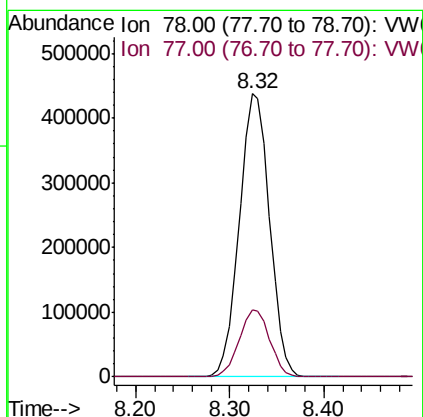
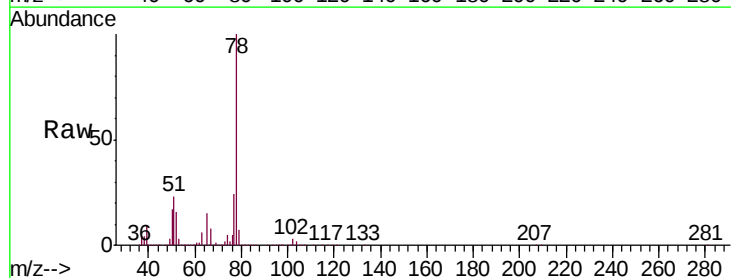
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

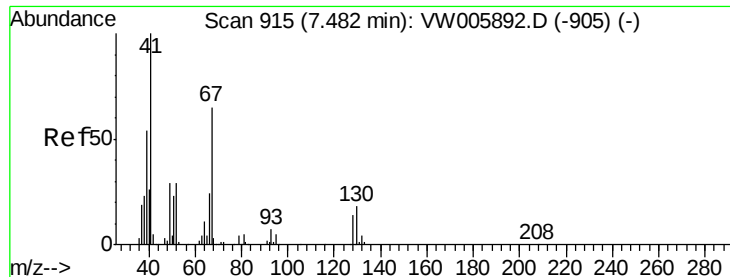
Tgt Ion: 83 Resp: 477660
Ion Ratio Lower Upper
83 100
55 75.9 59.8 89.6
98 46.6 37.1 55.7



#40
Benzene
Concen: 72.918 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 78 Resp: 976629
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

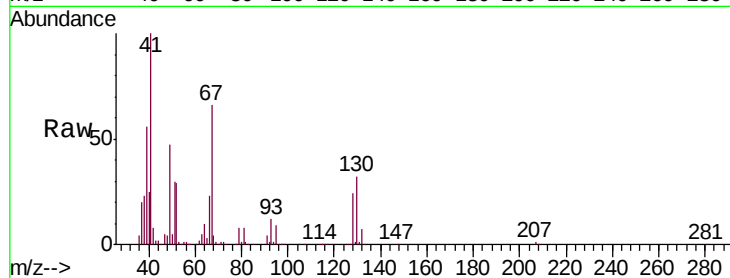




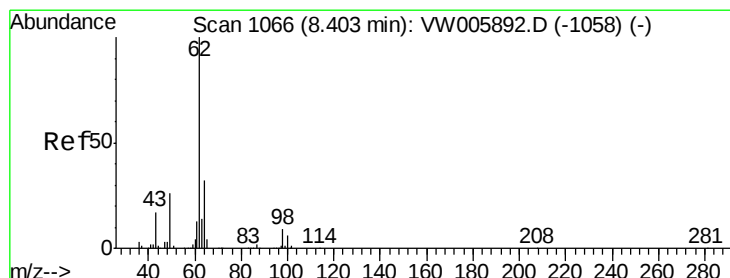
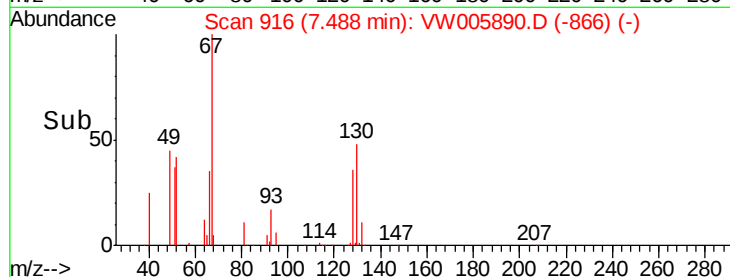
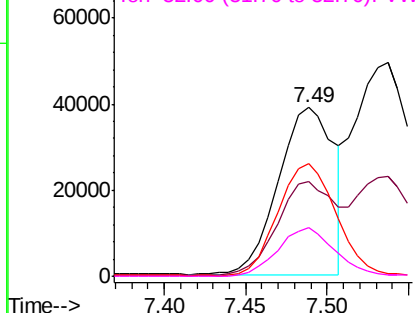
#41
Methacrylonitrile
Concen: 70.965 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	92071
Ion	Ratio	Lower	Upper
41	100		
39	62.4	45.0	67.4
67	70.1	55.8	83.8
52	30.4	25.3	37.9

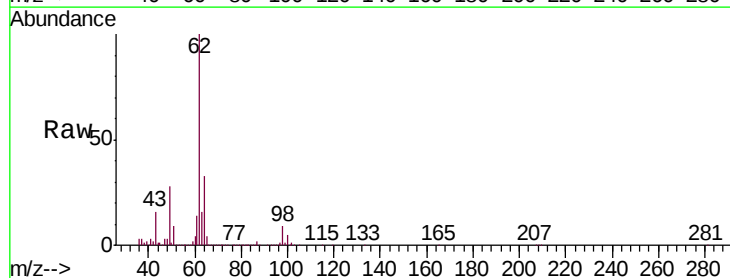


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

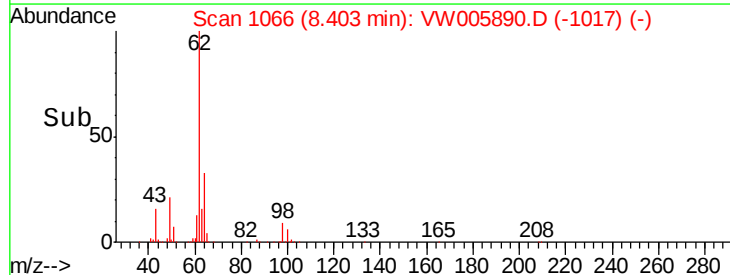
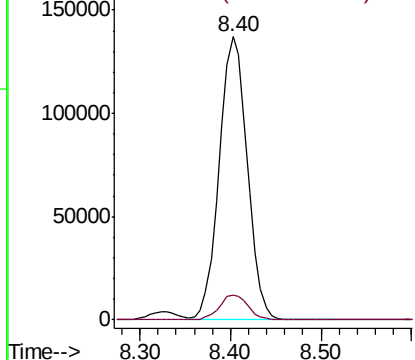


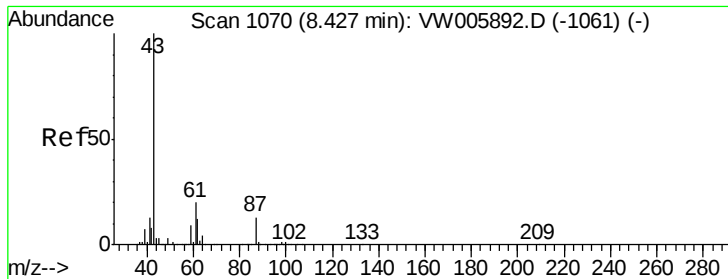
#42
1,2-Dichloroethane
Concen: 73.034 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion:	62	Resp:	295526
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 73.624 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

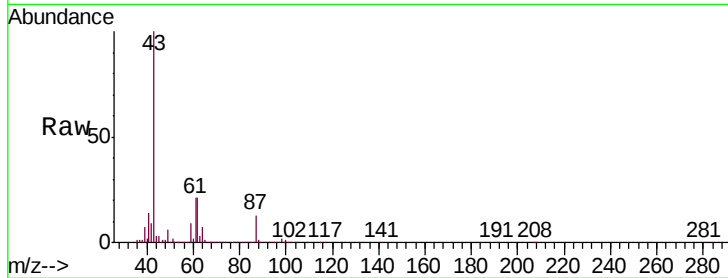
Tgt Ion: 43 Resp: 318713

Ion Ratio Lower Upper

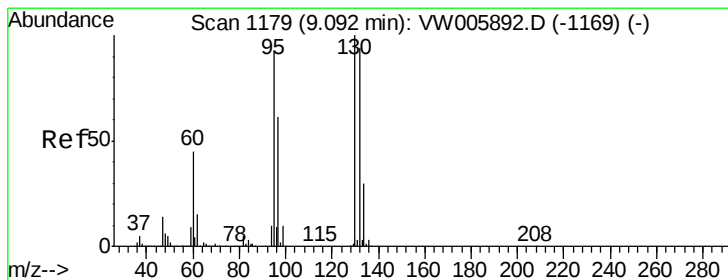
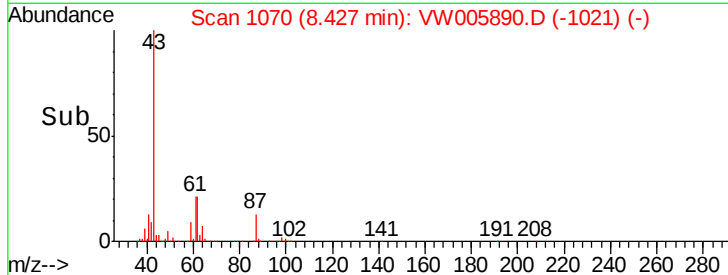
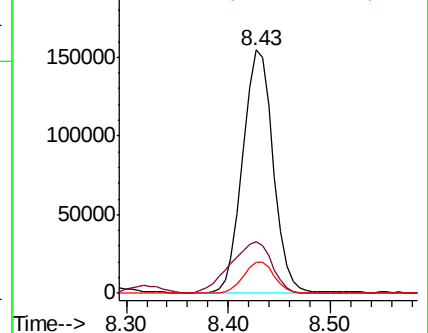
43 100

61 29.3 23.1 34.7

87 13.3 10.7 16.1



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



#44

Trichloroethene

Concen: 73.703 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW005890.D

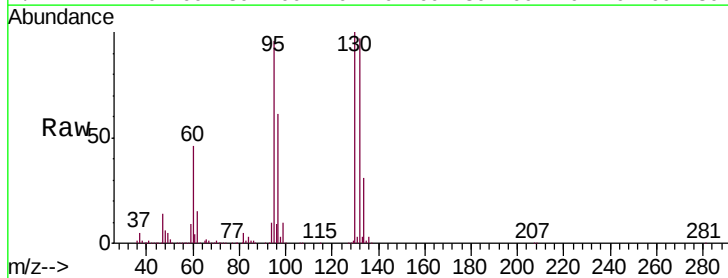
Acq: 08 Oct 2018 12:14

Tgt Ion: 130 Resp: 286415

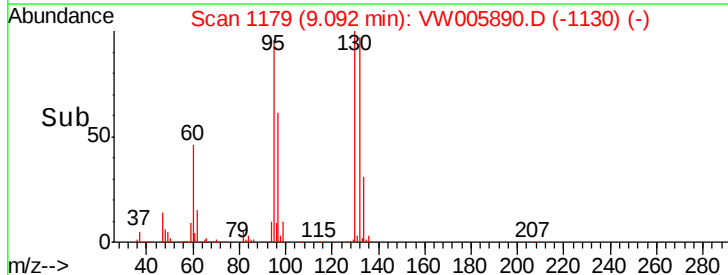
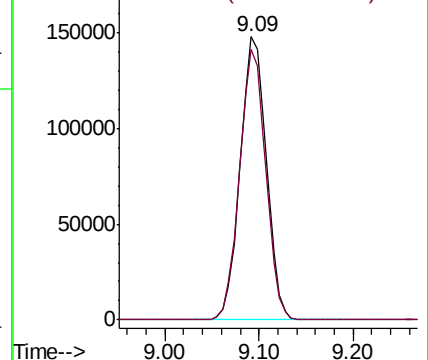
Ion Ratio Lower Upper

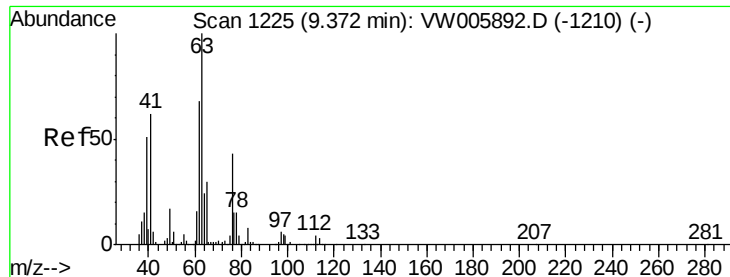
130 100

95 95.7 0.0 185.6



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

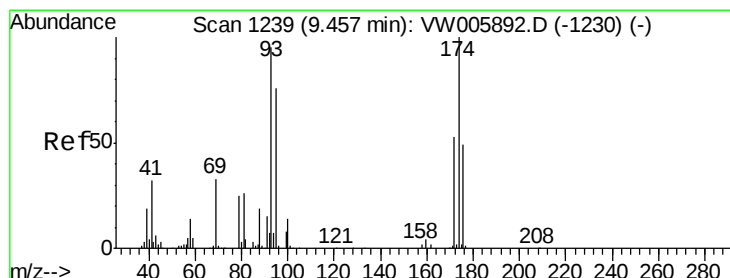
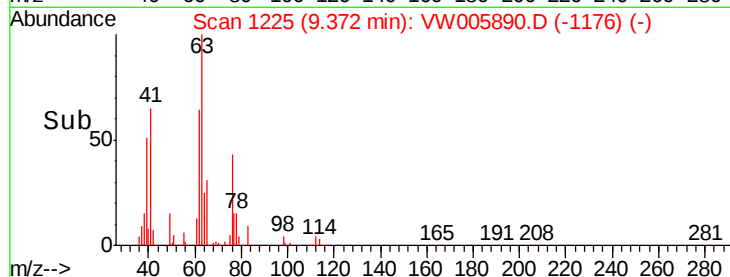
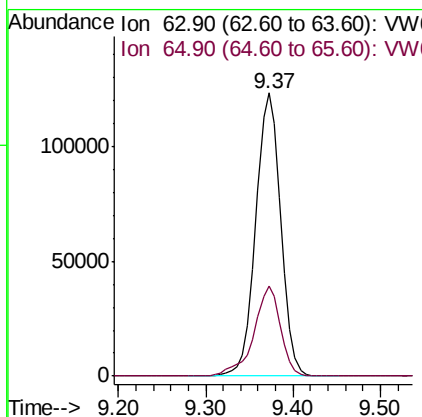
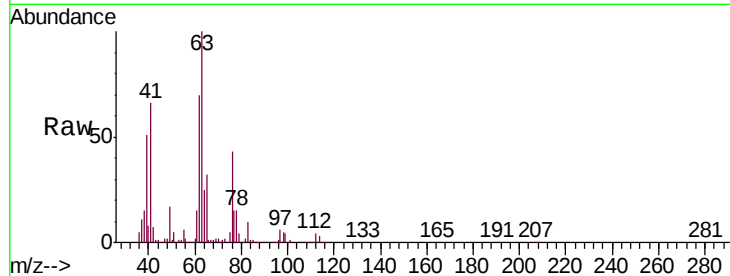




#45
 1,2-Dichloropropane
 Concen: 72.961 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

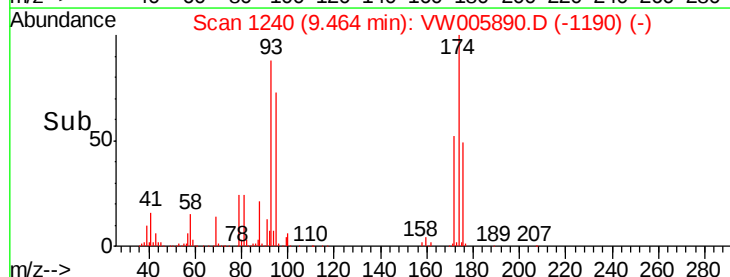
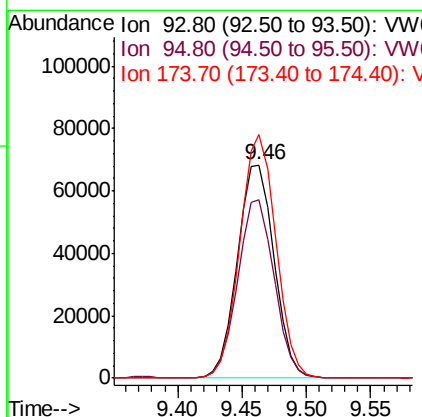
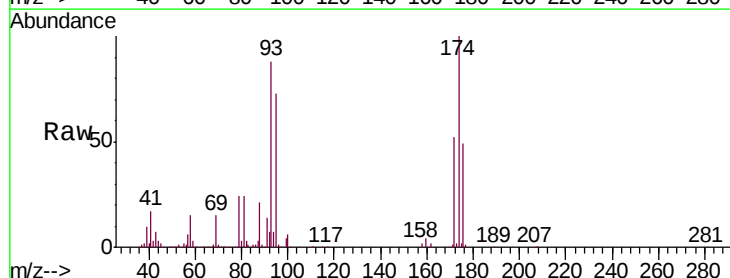
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 63 Resp: 244607
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.3 36.5



#46
 Dibromomethane
 Concen: 72.969 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion: 93 Resp: 134452
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 99.8
 174 112.3 90.4 135.6





#47

Bromodichloromethane

Concen: 72.992 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

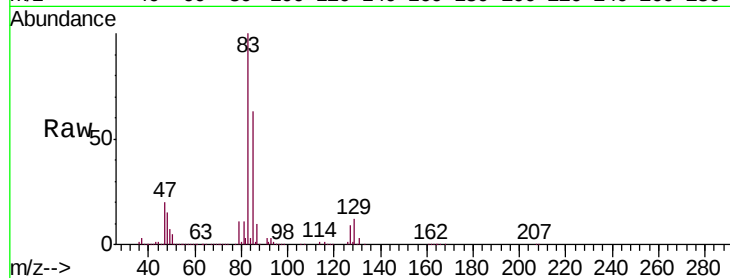
Tgt Ion: 83 Resp: 338446

Ion Ratio Lower Upper

83 100

85 63.5 53.0 79.6

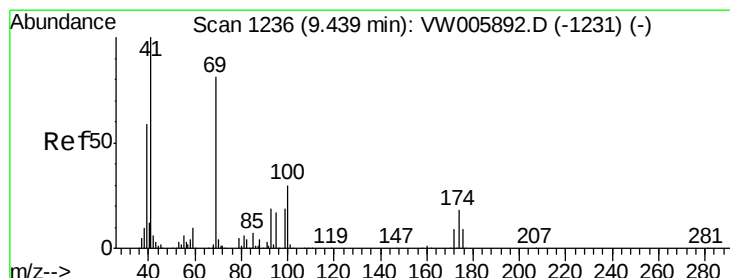
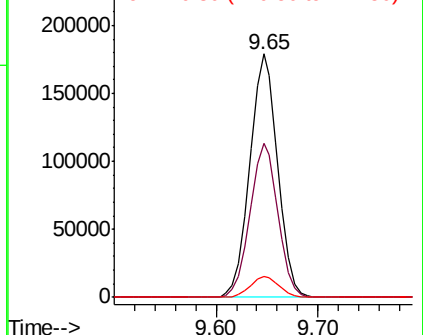
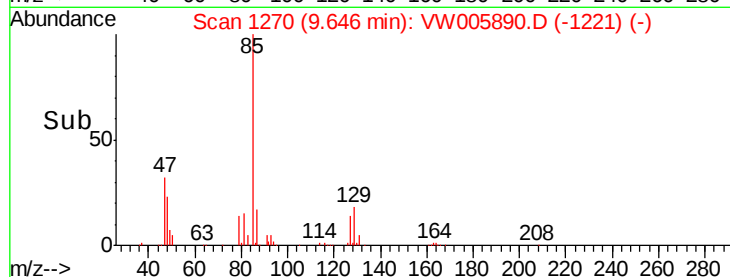
127 8.6 7.4 11.0



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: 73.649 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

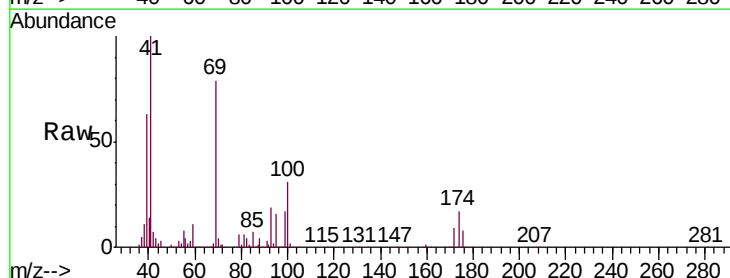
Tgt Ion: 41 Resp: 151876

Ion Ratio Lower Upper

41 100

69 84.0 68.7 103.1

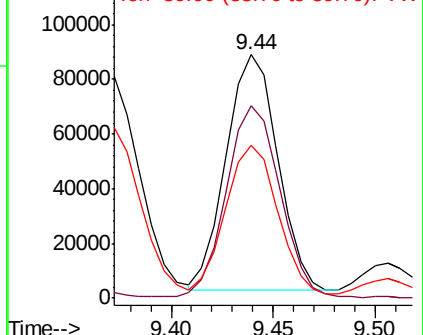
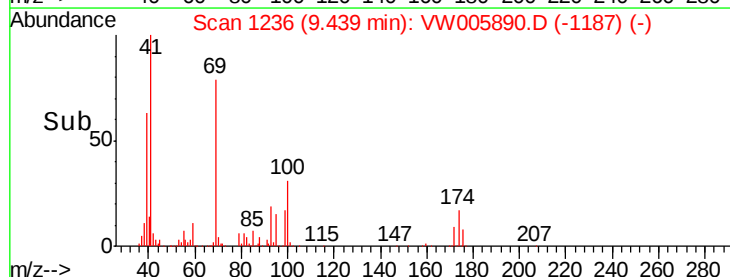
39 63.5 50.0 75.0

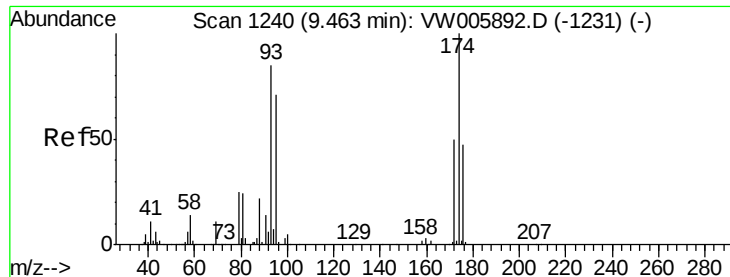


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

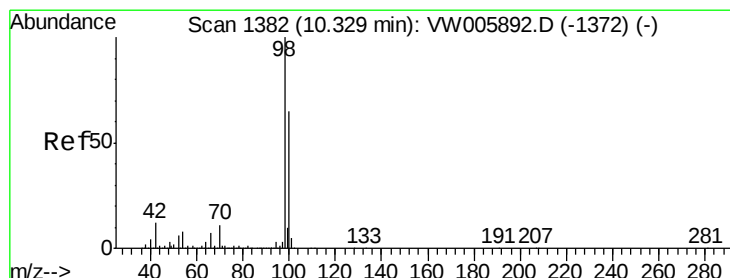
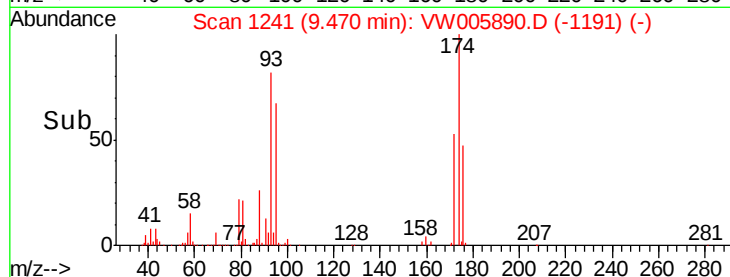
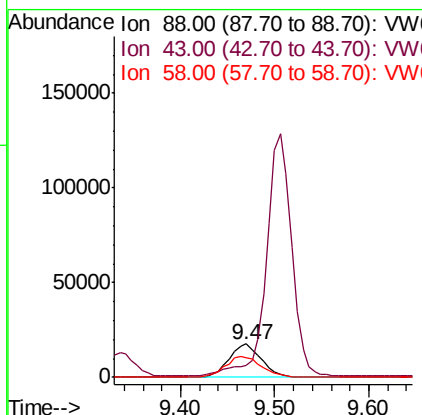
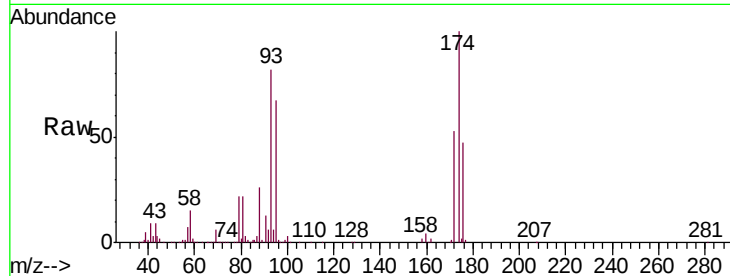




#49
1,4-Dioxane
Concen: 1489.800 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

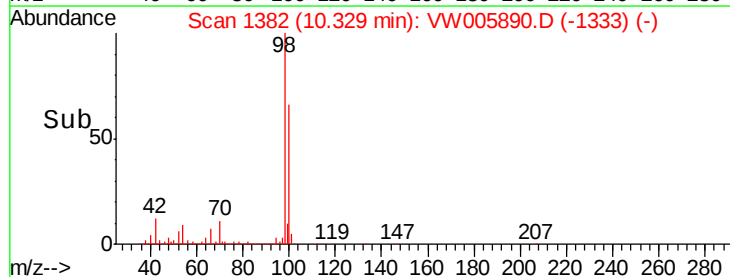
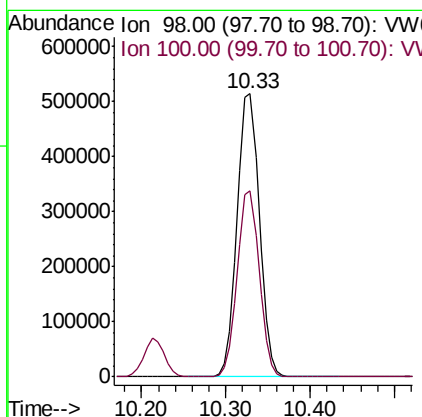
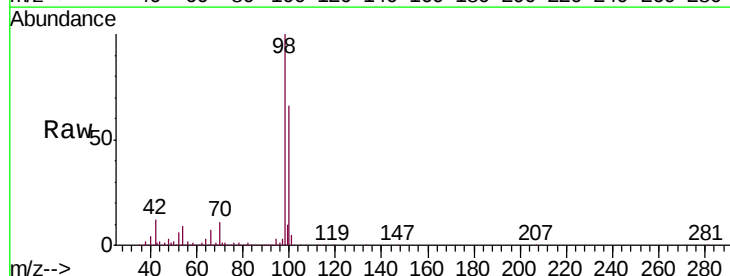
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 88 Resp: 41697
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.5 57.7 86.5



#50
Toluene-d8
Concen: 72.934 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 98 Resp: 914973
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

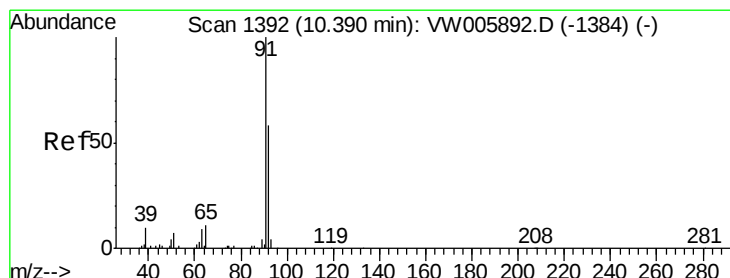
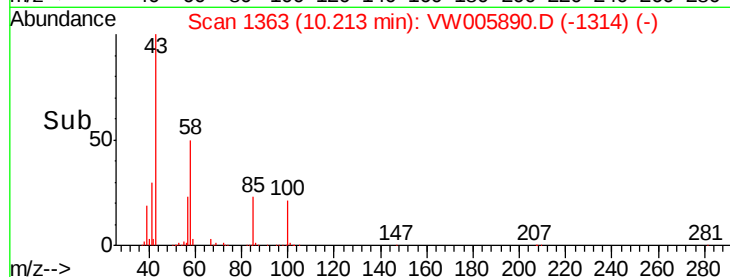
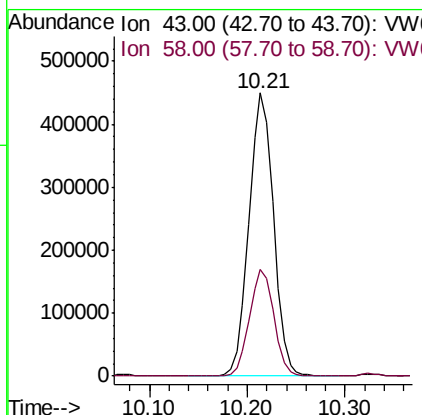
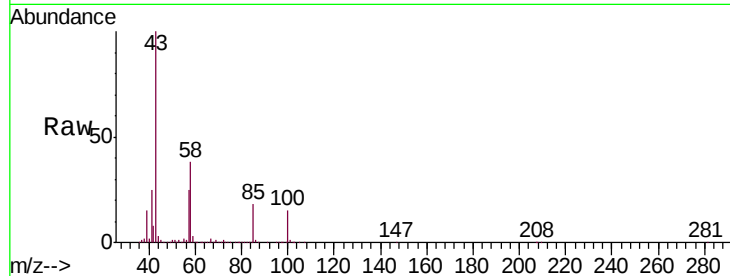




#51
 4-Methyl-2-Pentanone
 Concen: 370.514 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

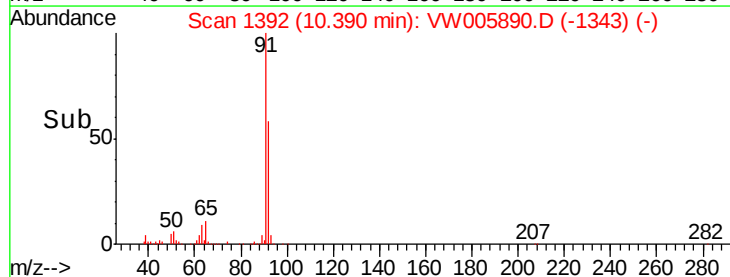
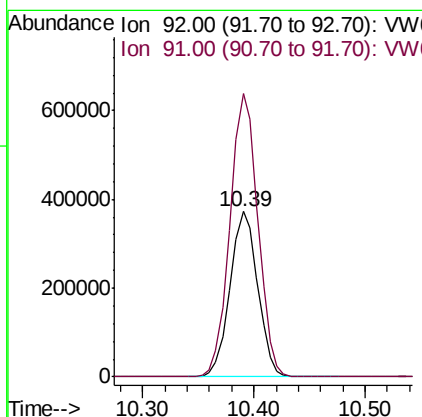
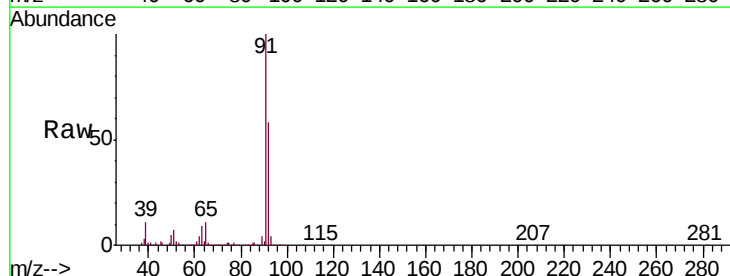
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

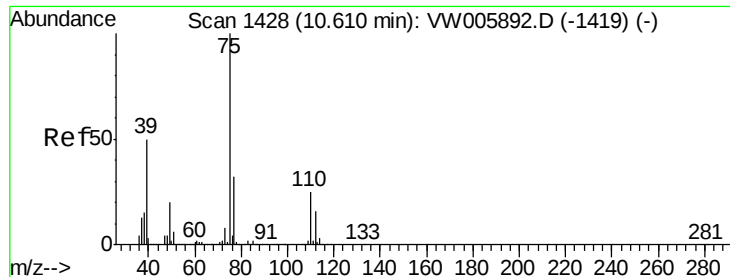
Tgt Ion: 43 Resp: 781046
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.4



#52
 Toluene
 Concen: 72.505 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion: 92 Resp: 637965
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 73.714 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

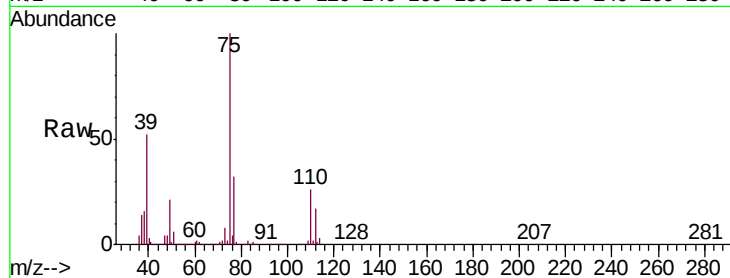
VSTDIC075

Tgt Ion: 75 Resp: 357186

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

200000

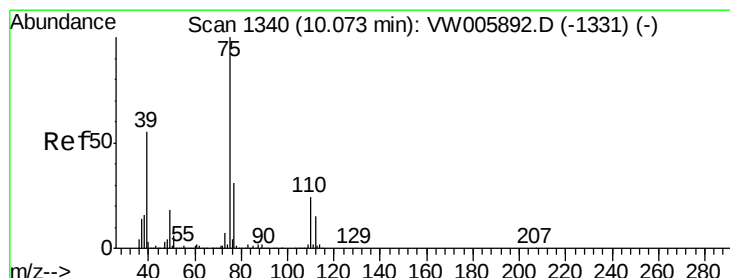
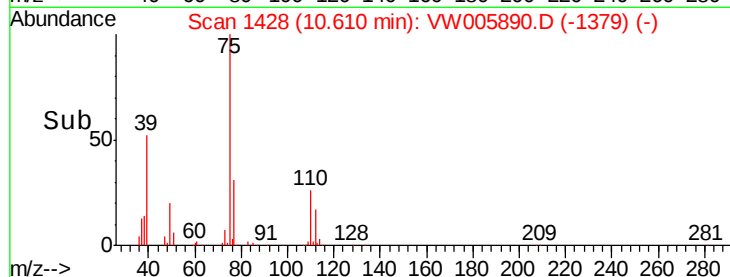
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 72.543 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

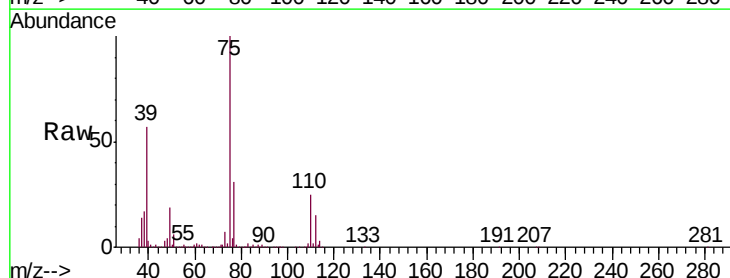
Tgt Ion: 75 Resp: 395140

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 56.5 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

300000

250000

200000

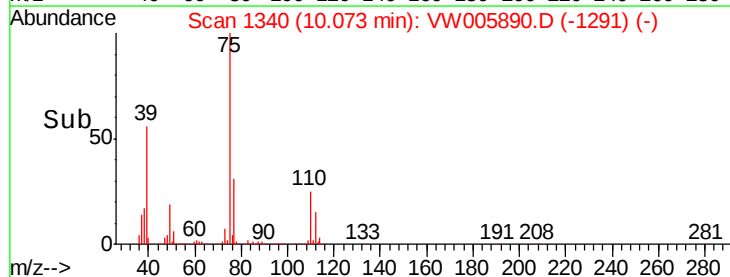
150000

100000

50000

0

Time--> 10.00 10.10

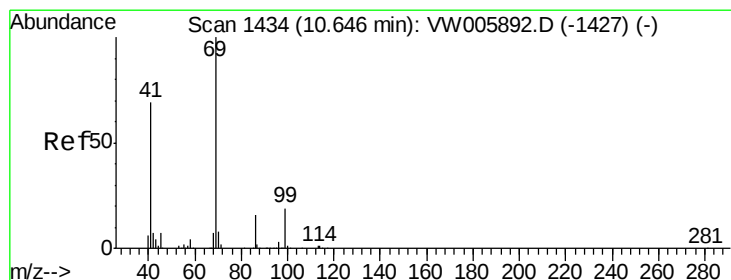
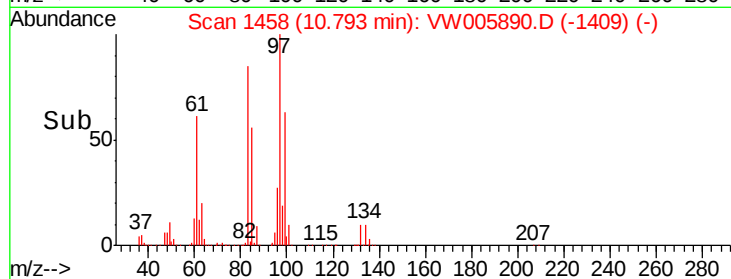
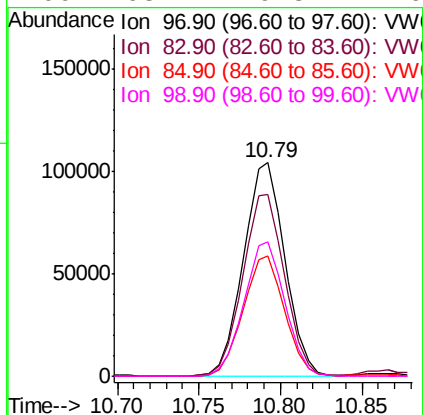
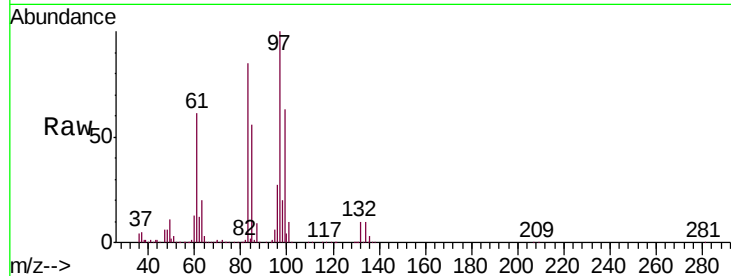




#55
 1,1,2-Trichloroethane
 Concen: 71.919 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

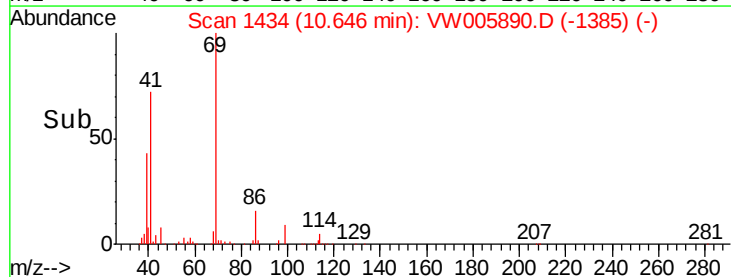
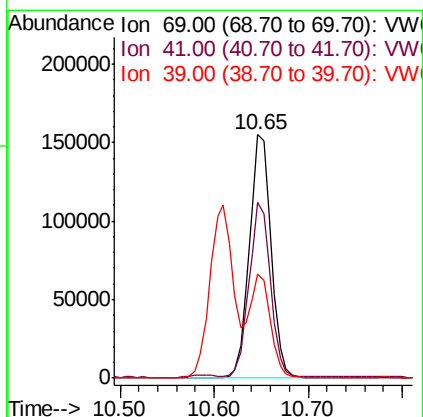
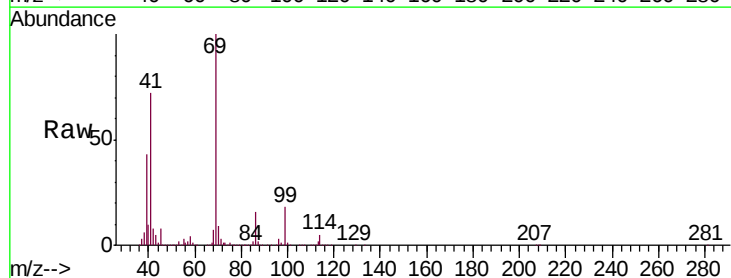
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:	97	Resp:	183548
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.9	100.3
85	56.2	43.4	65.0
99	63.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 73.107 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:	69	Resp:	251470
Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.0	84.0
39	41.7	33.5	50.3

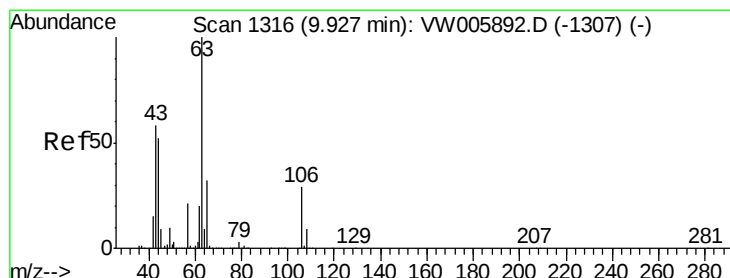
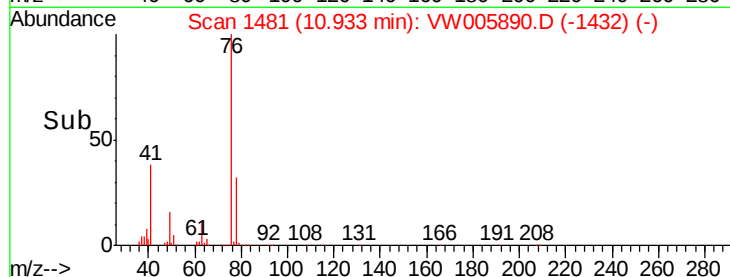
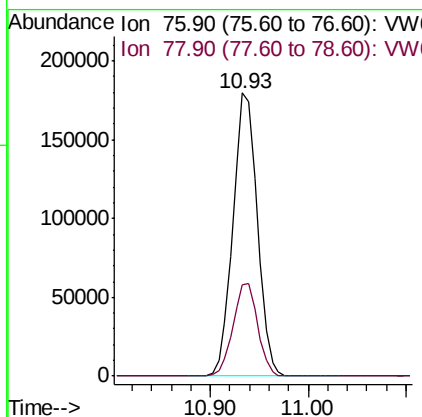
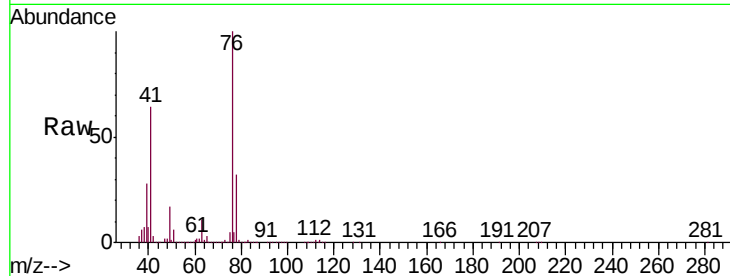




#57
 1,3-Dichloropropane
 Concen: 72.483 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

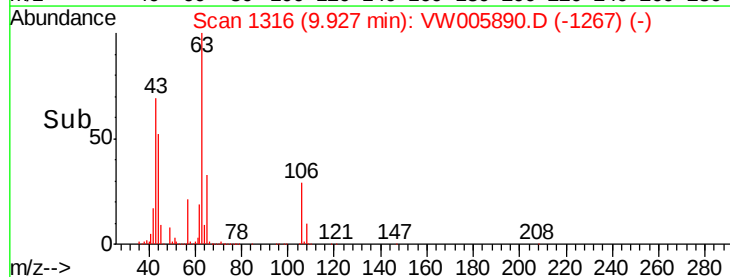
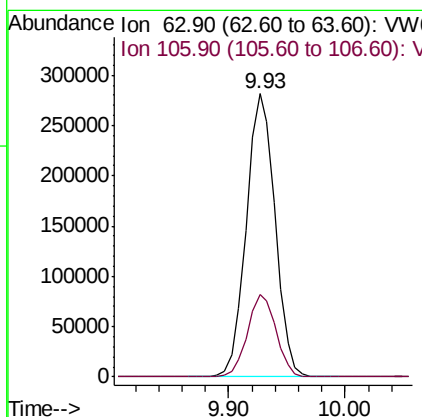
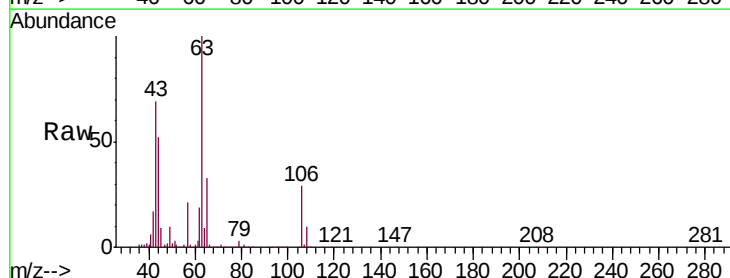
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

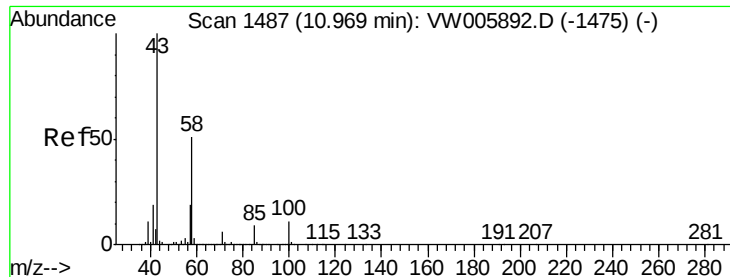
Tgt Ion: 76 Resp: 311205
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 346.018 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion: 63 Resp: 484296
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.6 35.4

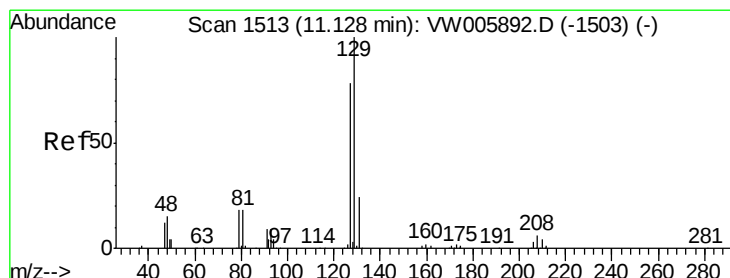
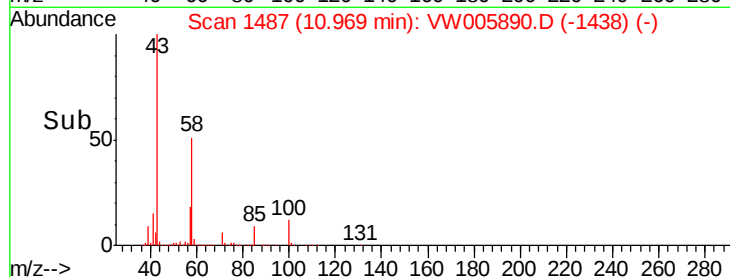
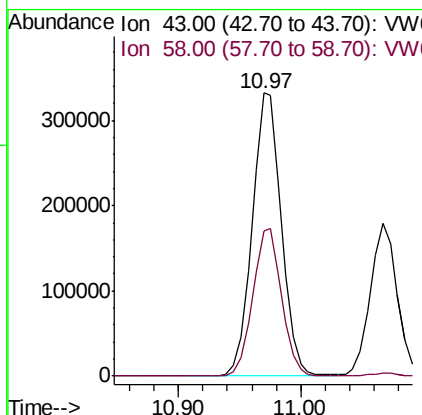
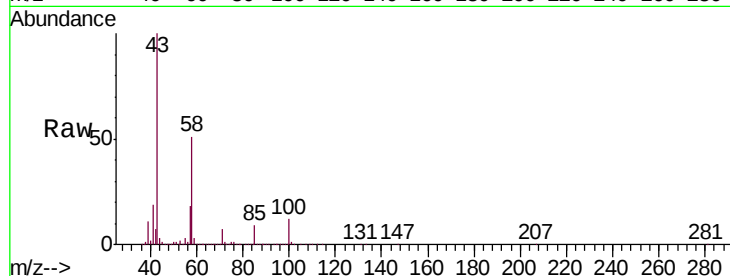




#59
2-Hexanone
Concen: 363.186 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

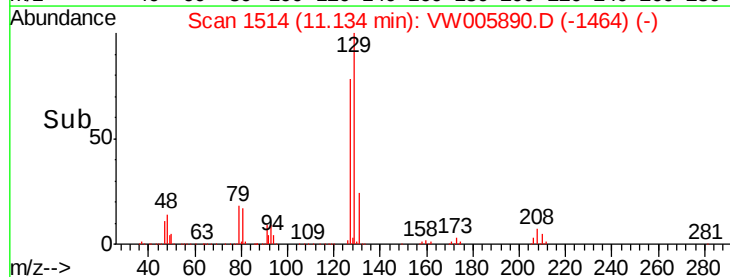
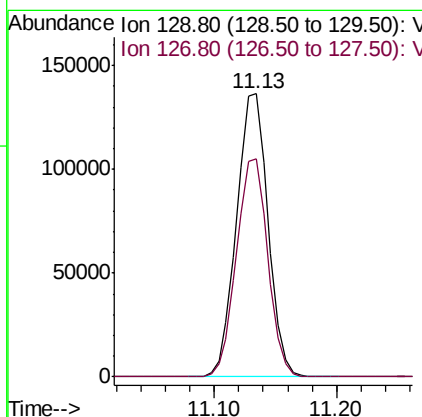
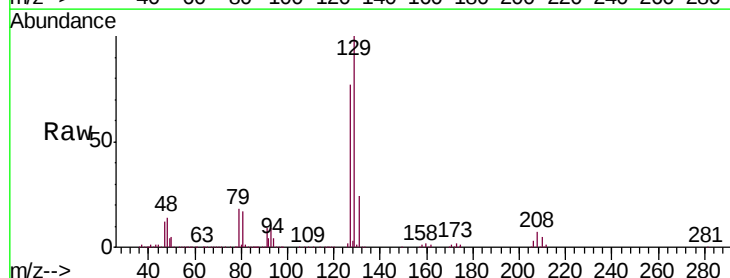
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

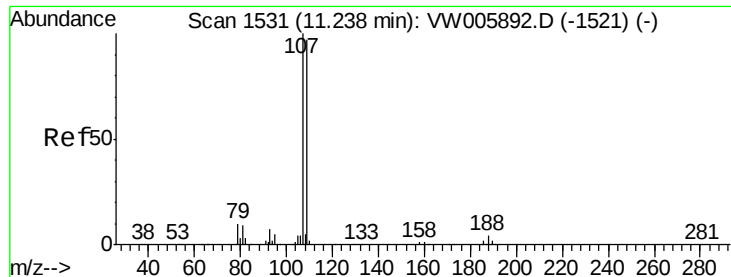
Tgt Ion: 43 Resp: 548948
Ion Ratio Lower Upper
43 100
58 51.7 25.7 77.1



#60
Dibromochloromethane
Concen: 73.836 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 129 Resp: 243170
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 72.965 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

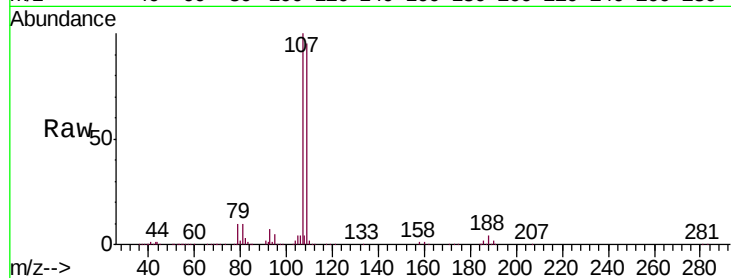
VSTDIC075

Tgt Ion: 107 Resp: 186080

Ion Ratio Lower Upper

107 100

109 95.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

120000

100000

80000

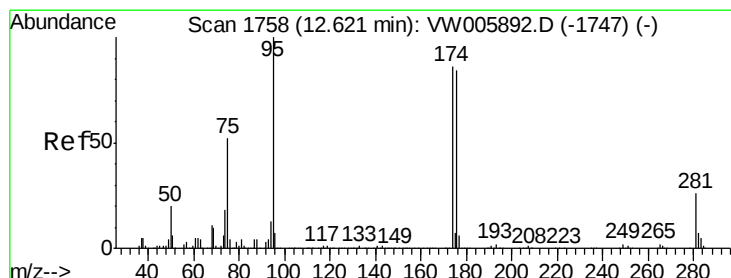
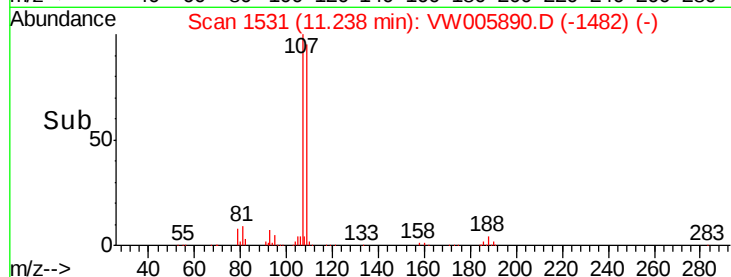
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 73.173 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

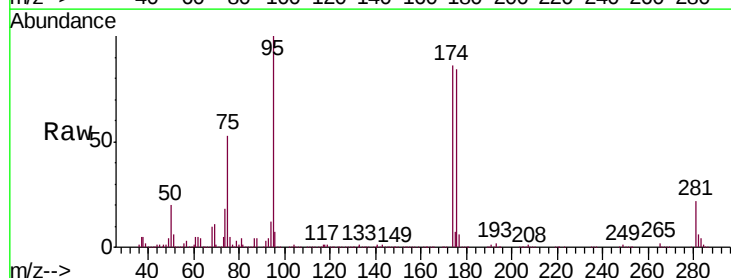
Tgt Ion: 95 Resp: 349255

Ion Ratio Lower Upper

95 100

174 88.2 0.0 176.4

176 85.6 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

300000

250000

200000

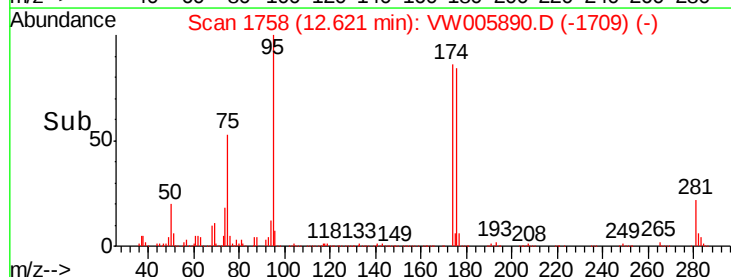
150000

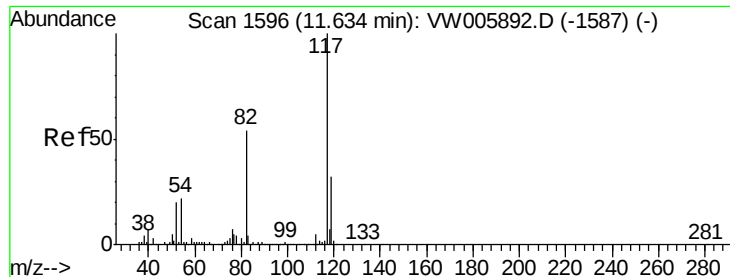
100000

50000

0

Time-->

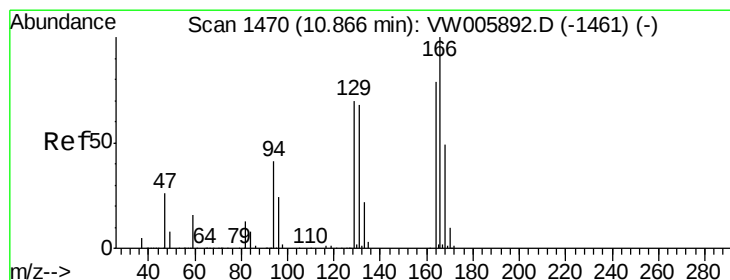
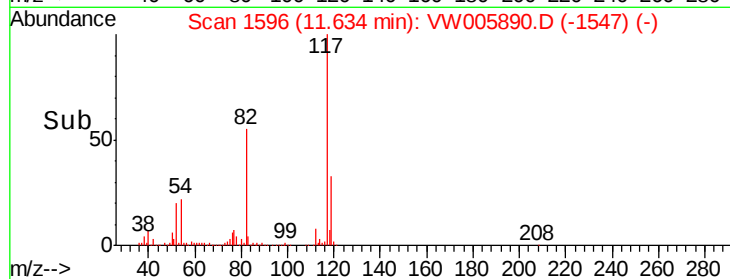
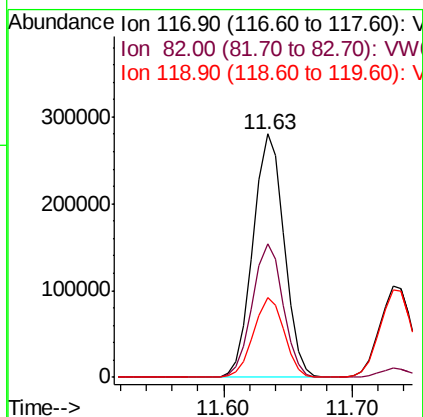
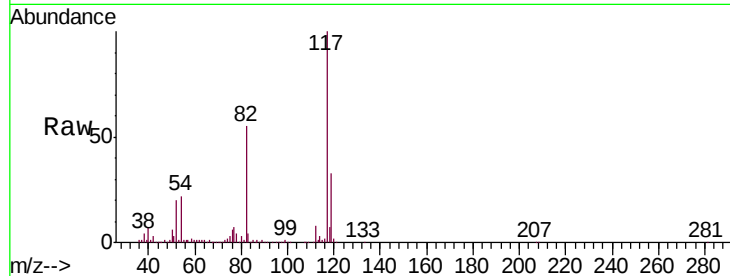




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

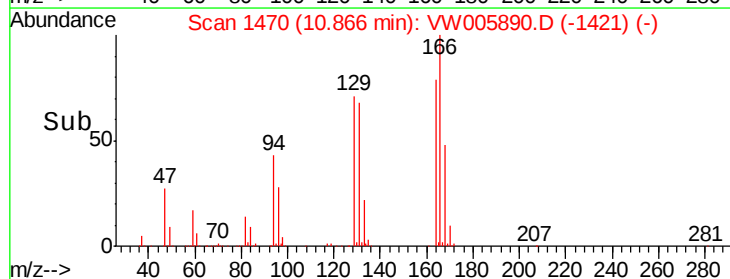
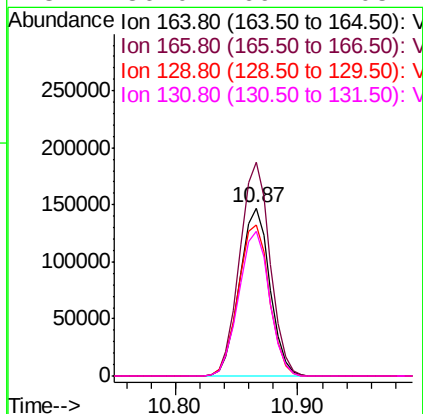
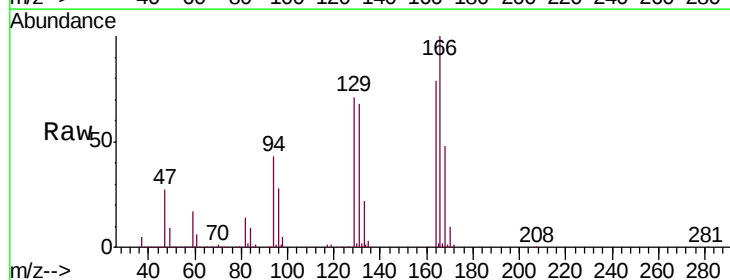
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

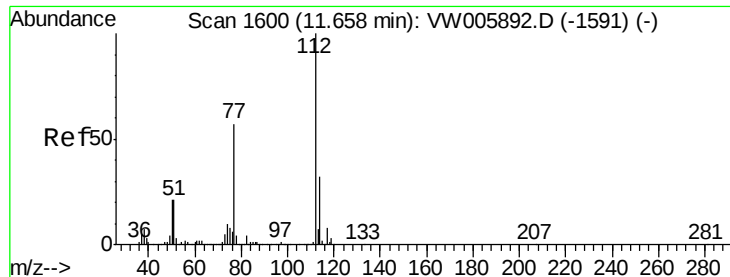
Tgt Ion:117 Resp: 466305
Ion Ratio Lower Upper
117 100
82 54.7 43.5 65.3
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 72.754 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion:164 Resp: 252714
Ion Ratio Lower Upper
164 100
166 127.0 101.5 152.3
129 89.8 71.1 106.7
131 86.0 69.1 103.7

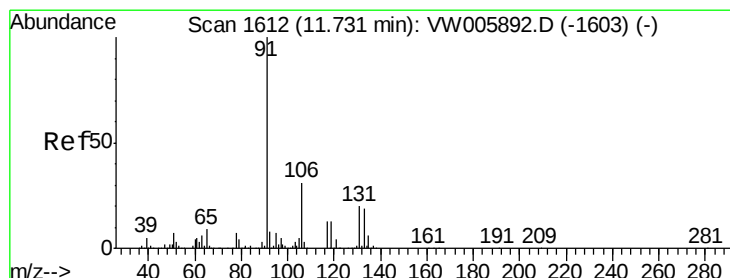
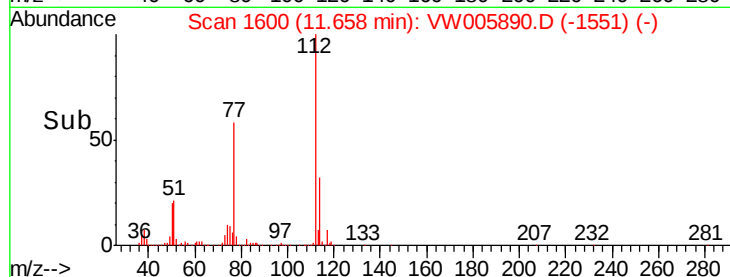
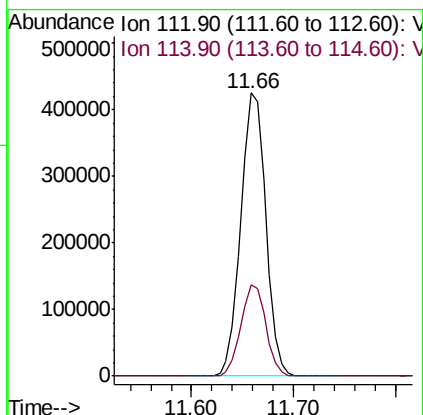
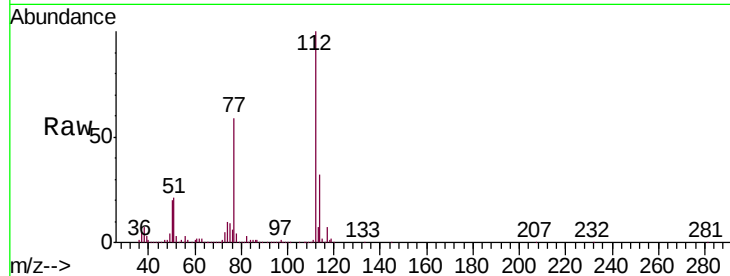




#65
Chlorobenzene
Concen: 72.333 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

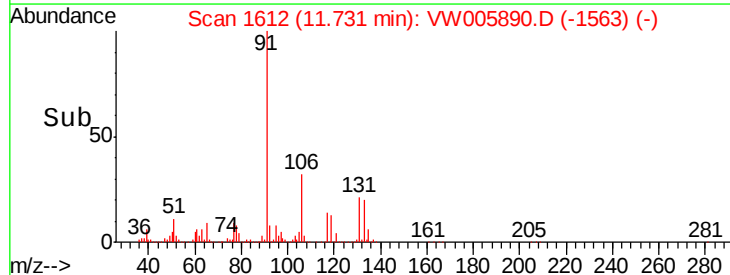
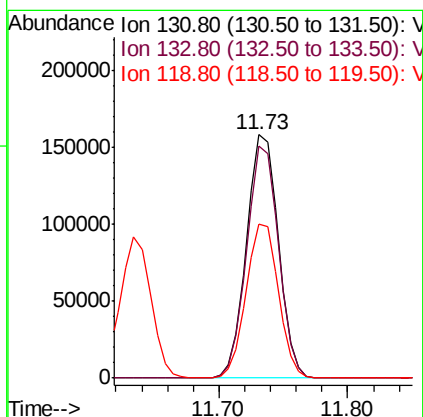
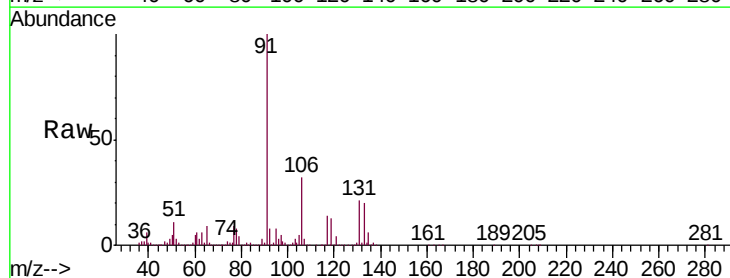
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

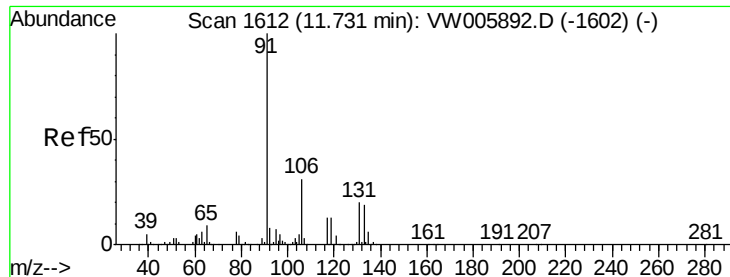
Tgt Ion:112 Resp: 722484
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 73.752 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion:131 Resp: 270016
Ion Ratio Lower Upper
131 100
133 95.2 48.2 144.6
119 64.1 32.5 97.5





#67

Ethyl Benzene

Concen: 72.226 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

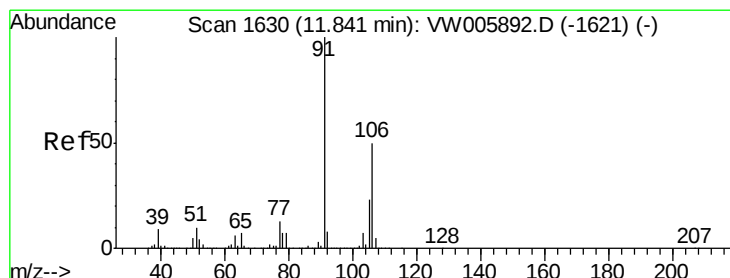
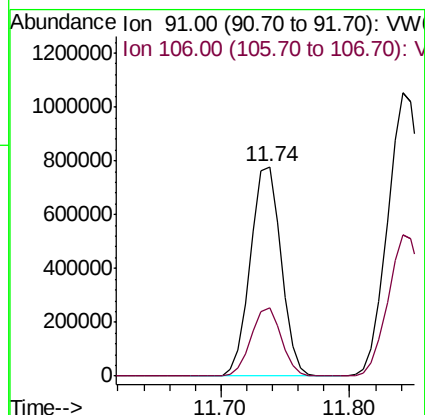
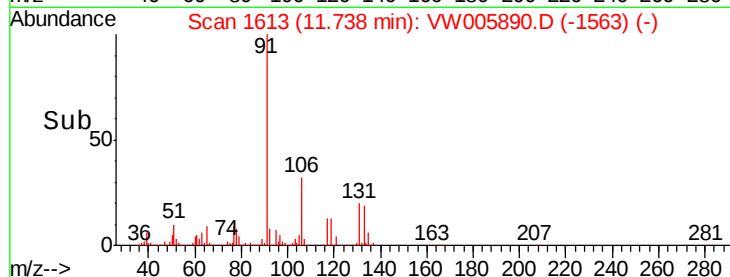
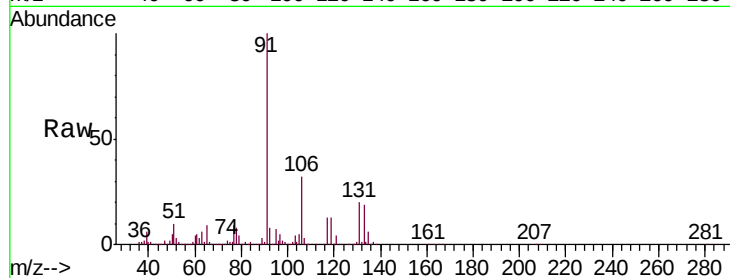
VSTDIC075

Tgt Ion: 91 Resp: 1274250

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.6



#68

m/p-Xylenes

Concen: 145.145 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005890.D

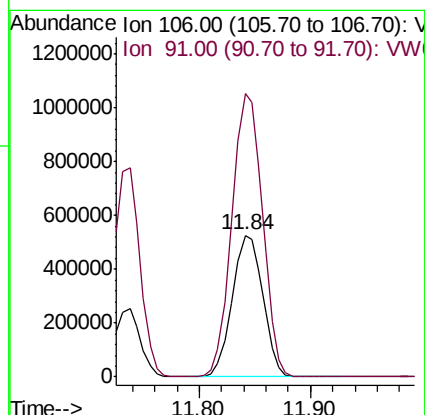
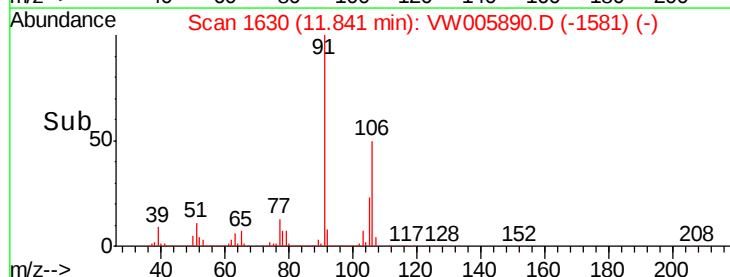
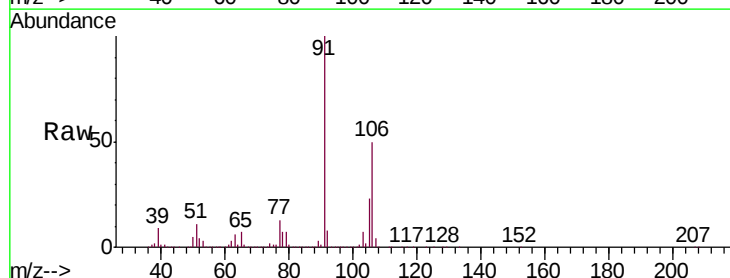
Acq: 08 Oct 2018 12:14

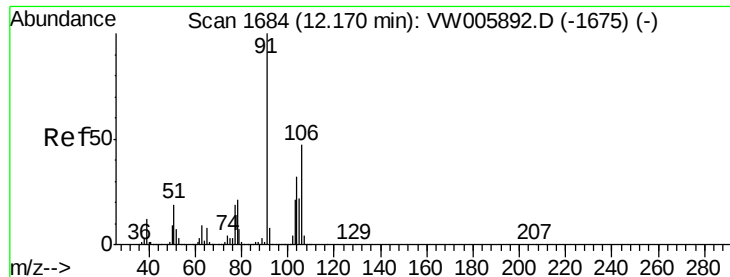
Tgt Ion: 106 Resp: 1000723

Ion Ratio Lower Upper

106 100

91 200.1 160.2 240.2

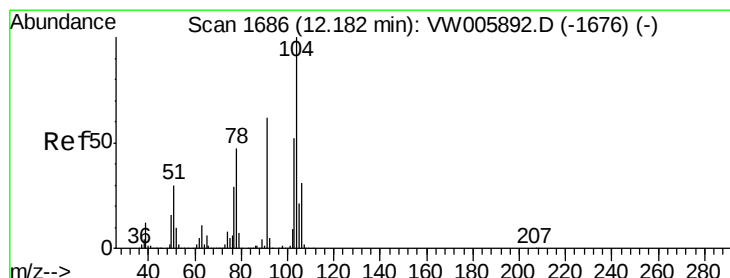
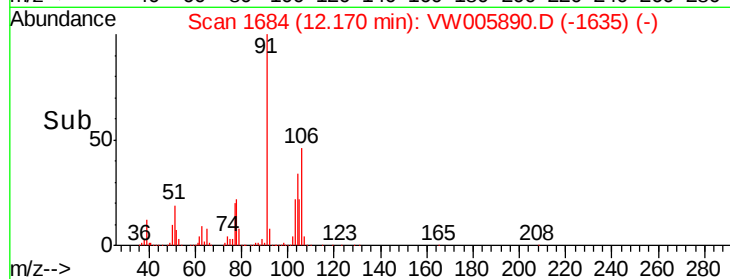
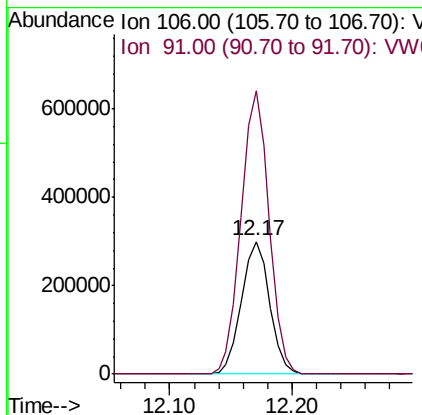
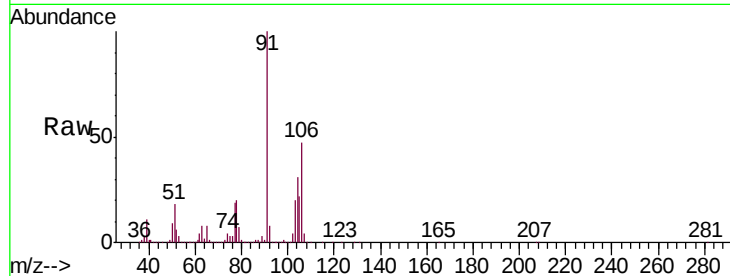




#69
o-Xylene
Concen: 72.731 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

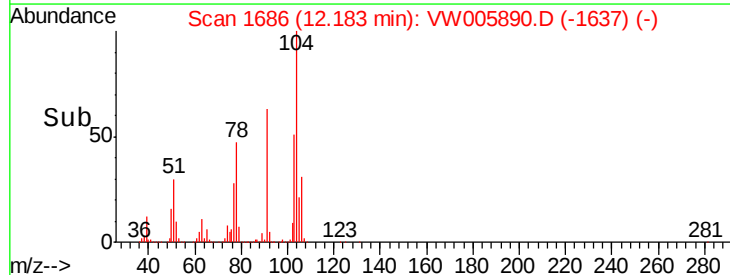
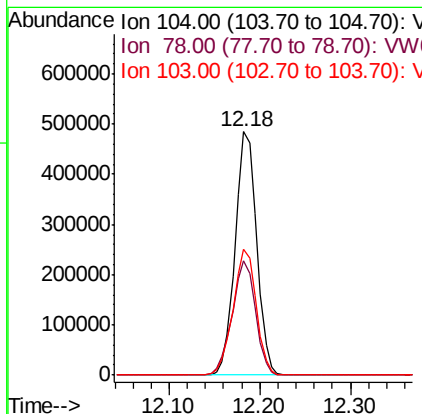
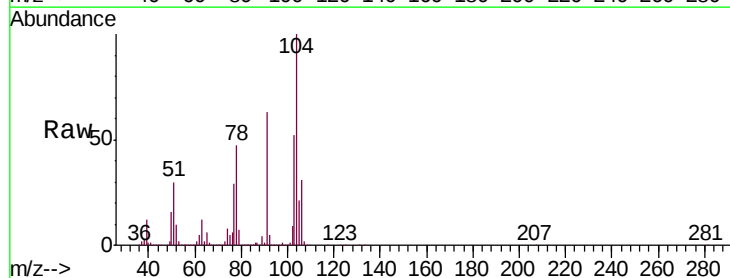
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

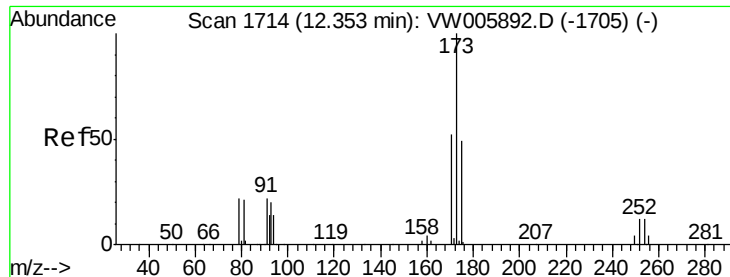
Tgt Ion:106 Resp: 480072
Ion Ratio Lower Upper
106 100
91 212.0 106.2 318.5



#70
Styrene
Concen: 72.943 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion:104 Resp: 798844
Ion Ratio Lower Upper
104 100
78 50.9 40.4 60.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 74.507 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

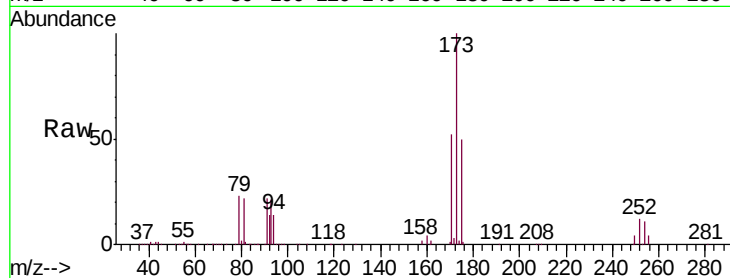
Tgt Ion:173 Resp: 162485

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

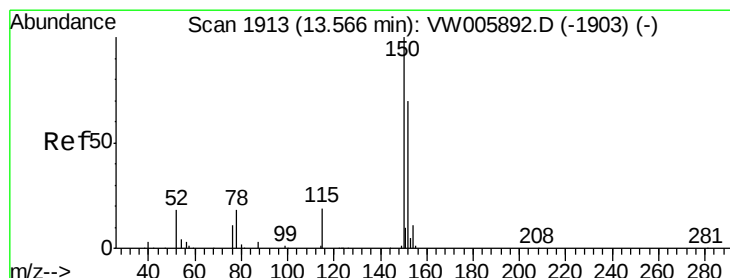
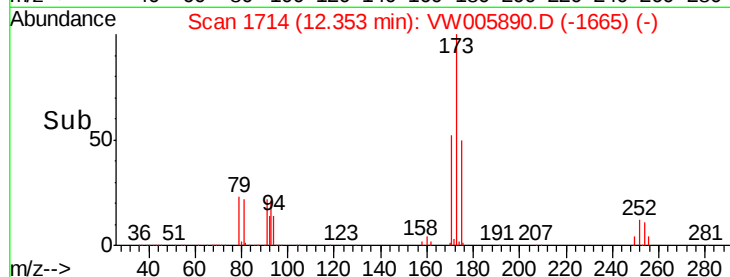
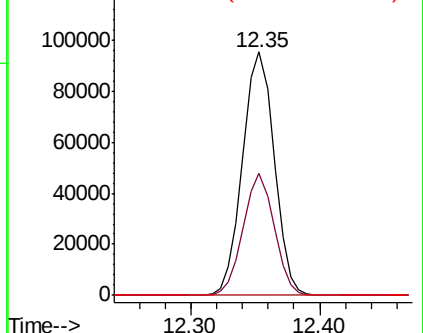
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

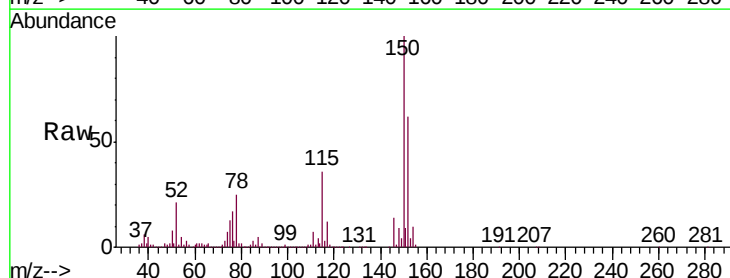
Tgt Ion:152 Resp: 253979

Ion Ratio Lower Upper

152 100

115 56.9 28.3 85.0

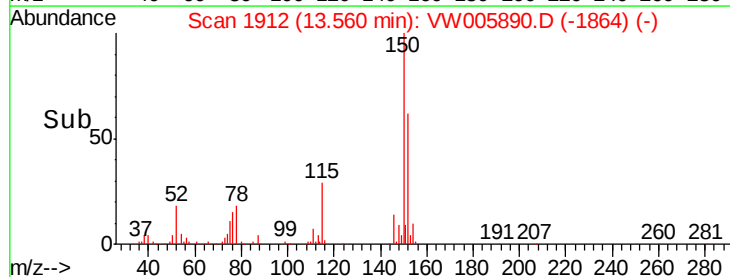
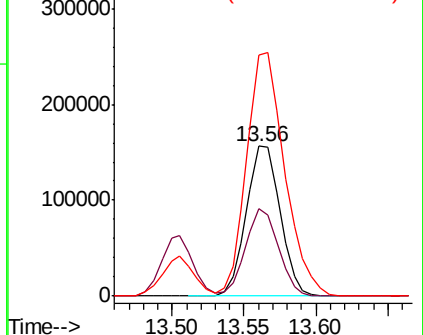
150 183.0 0.0 349.2

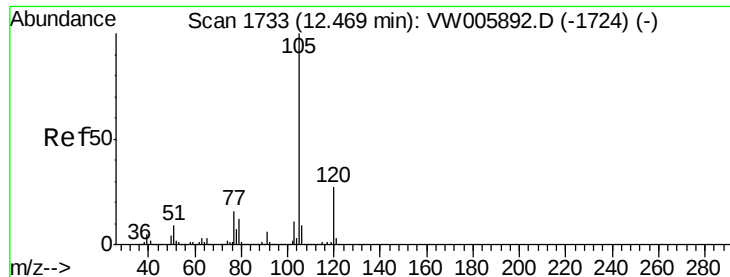


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 72.038 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

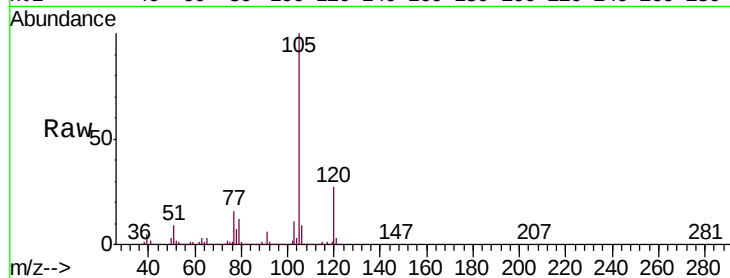
VSTDIC075

Tgt Ion:105 Resp: 1336203

Ion Ratio Lower Upper

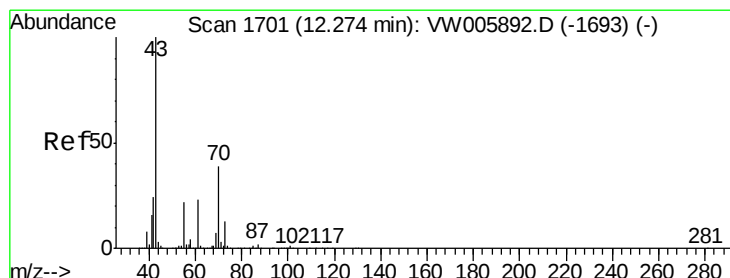
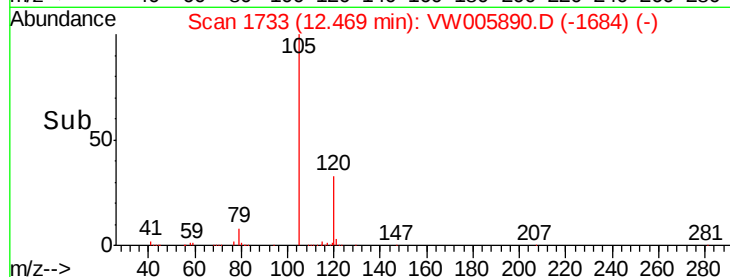
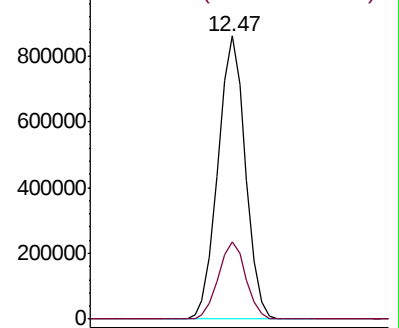
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 72.731 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion: 43 Resp: 320391

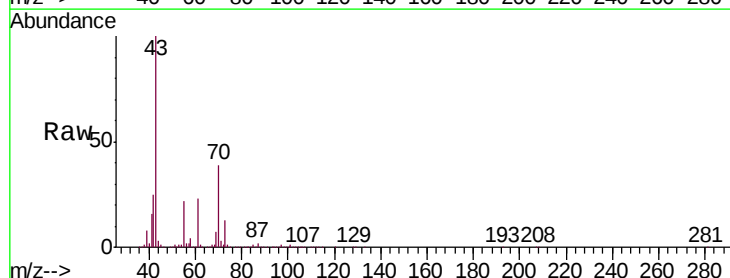
Ion Ratio Lower Upper

43 100

70 40.2 31.6 47.4

55 22.2 17.9 26.9

61 23.1 18.6 28.0

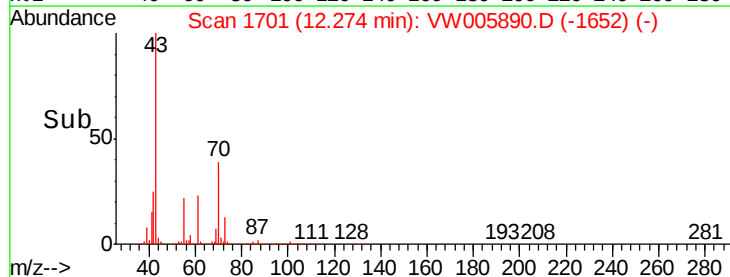
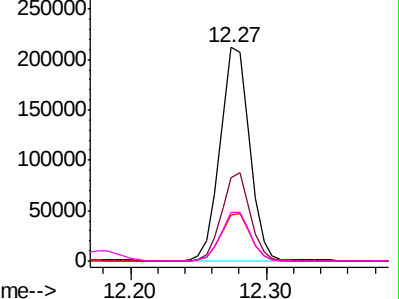


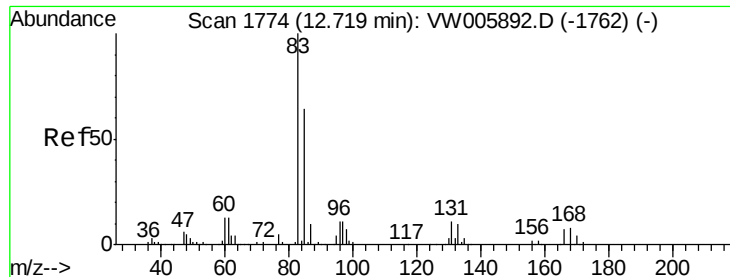
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 71.928 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

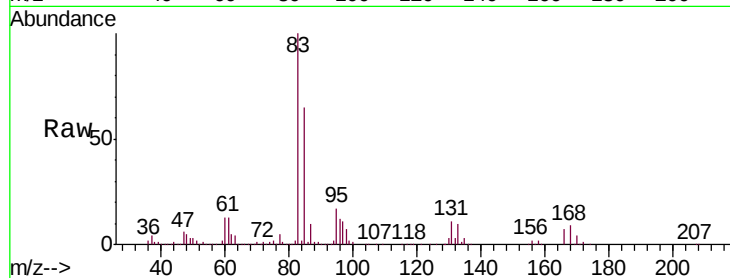
Tgt Ion: 83 Resp: 218676

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.3

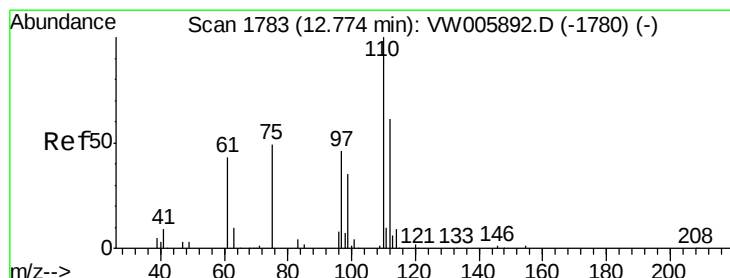
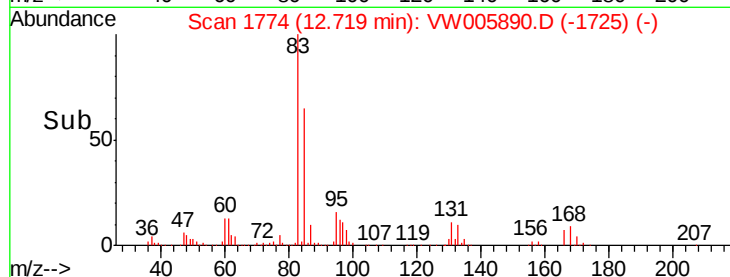
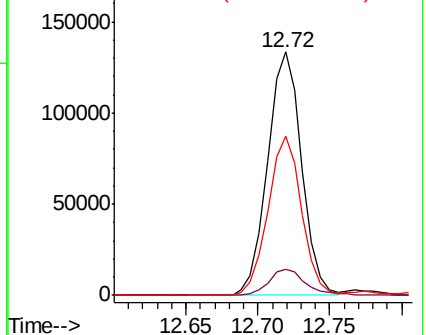
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 78.339 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005890.D

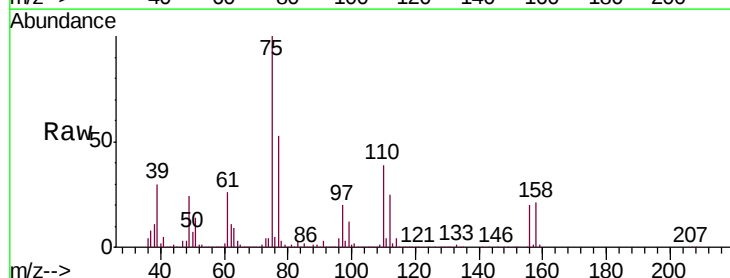
Acq: 08 Oct 2018 12:14

Tgt Ion: 75 Resp: 304537

Ion Ratio Lower Upper

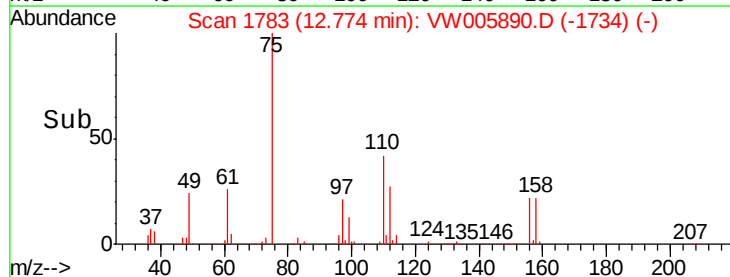
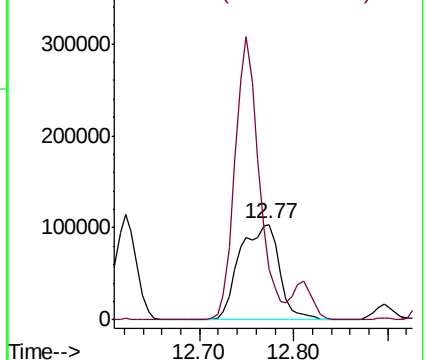
75 100

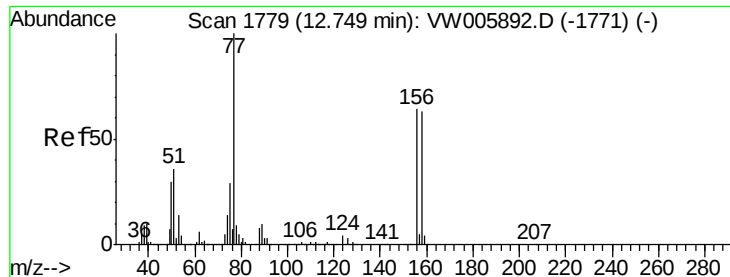
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 73.255 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

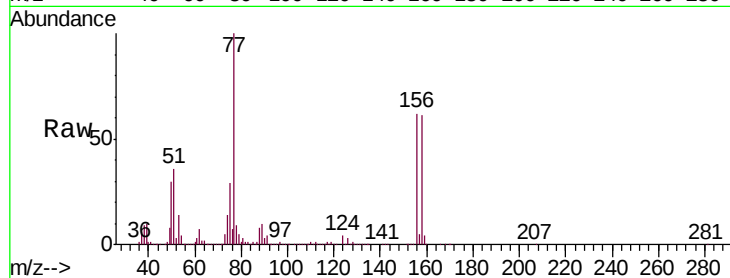
Tgt Ion:156 Resp: 321919

Ion Ratio Lower Upper

156 100

77 172.0 85.8 257.4

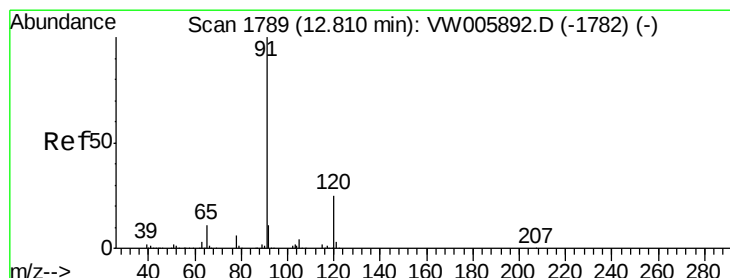
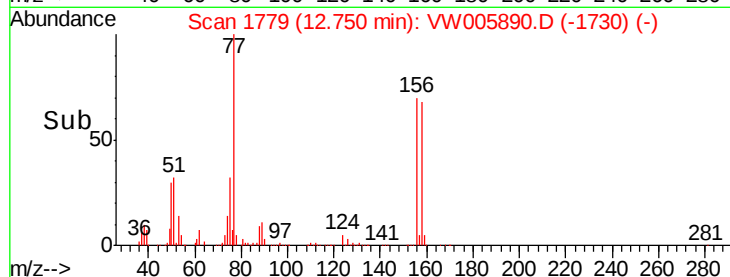
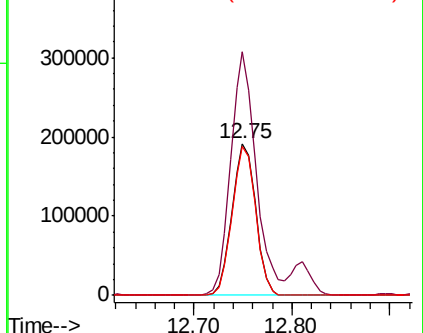
158 97.6 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 72.246 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005890.D

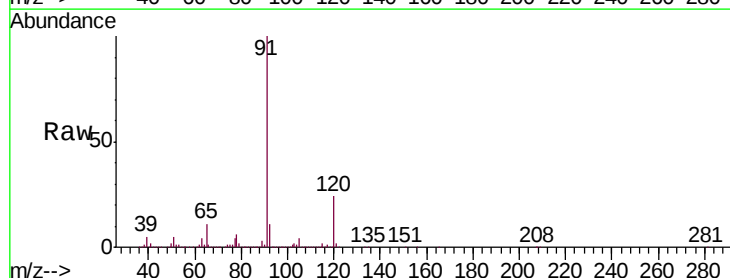
Acq: 08 Oct 2018 12:14

Tgt Ion: 91 Resp: 1576352

Ion Ratio Lower Upper

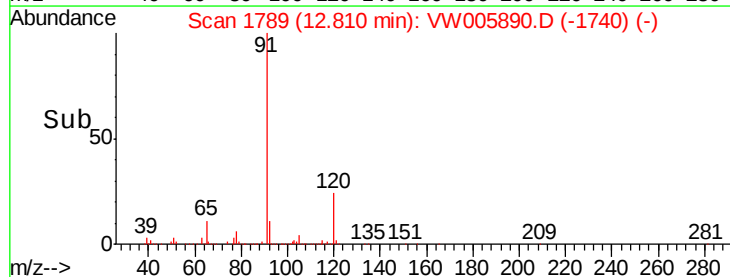
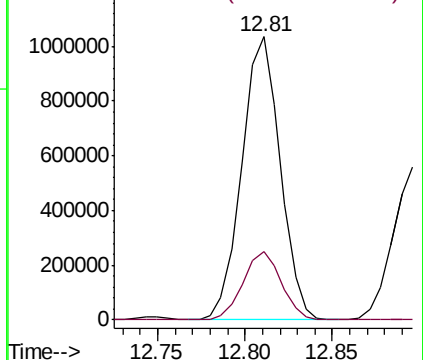
91 100

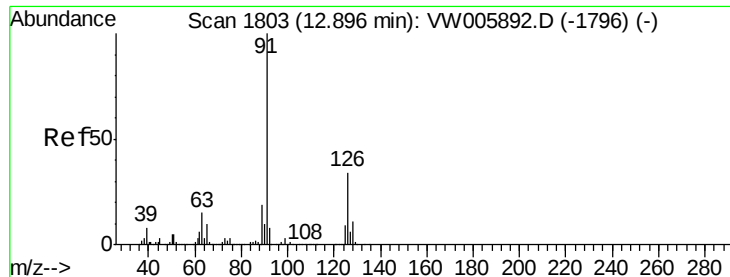
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 72.220 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

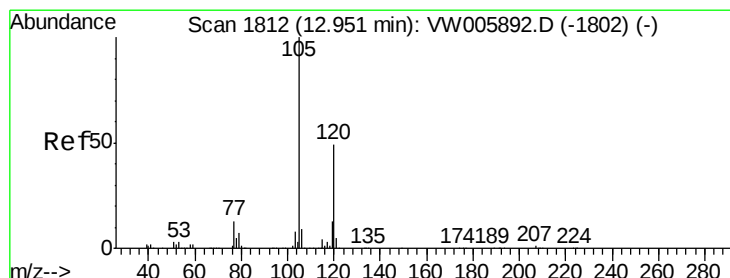
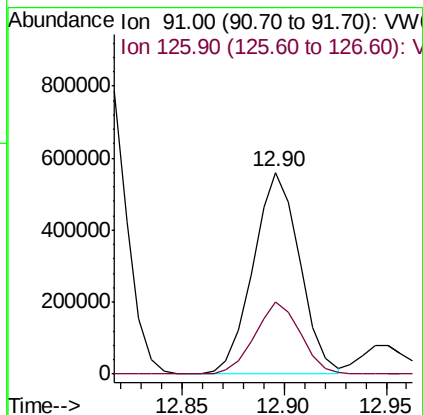
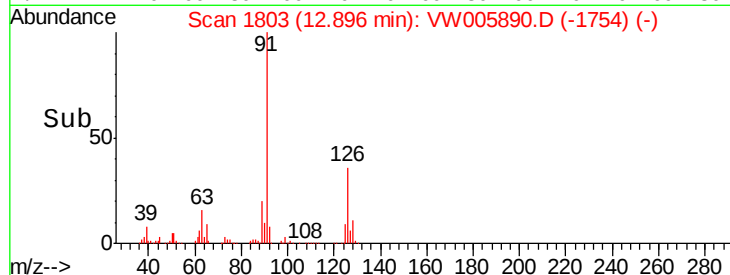
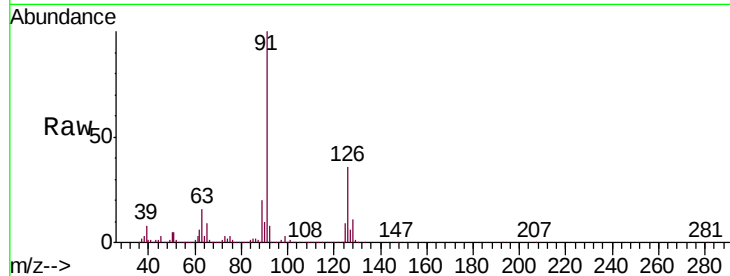
VSTDIC075

Tgt Ion: 91 Resp: 889545

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 72.440 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005890.D

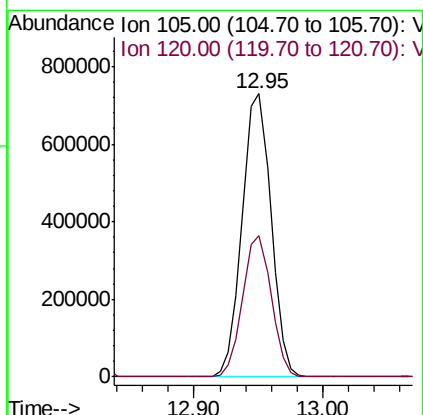
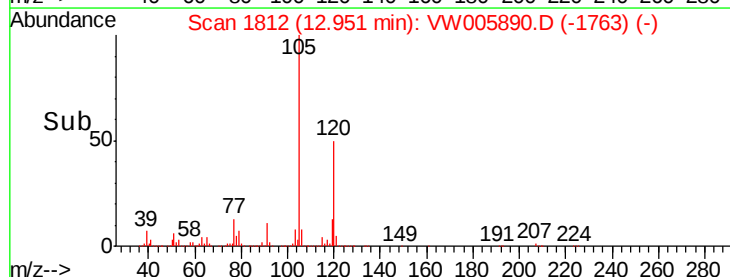
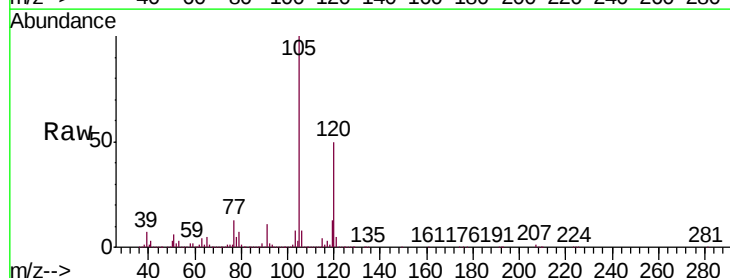
Acq: 08 Oct 2018 12:14

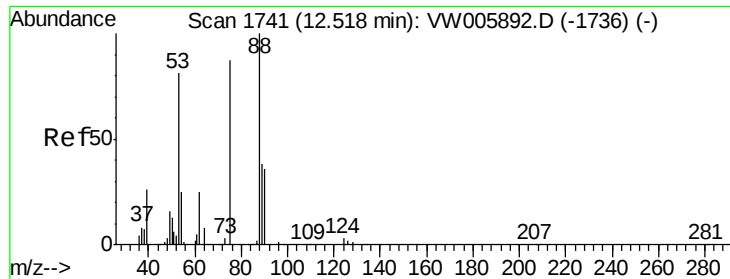
Tgt Ion: 105 Resp: 1134380

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8

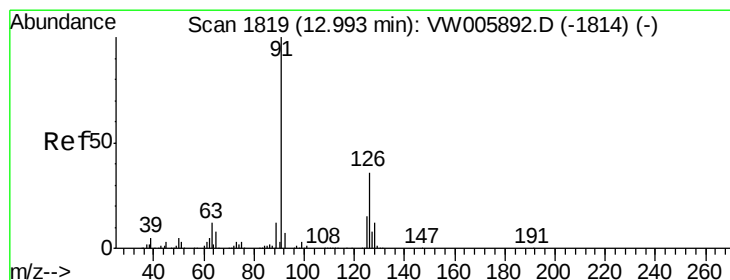
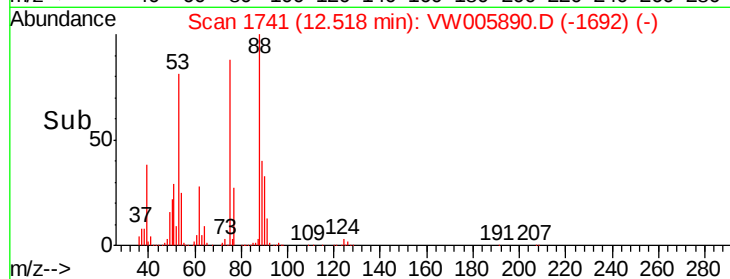
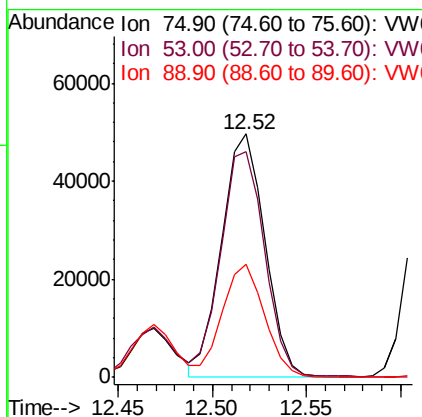
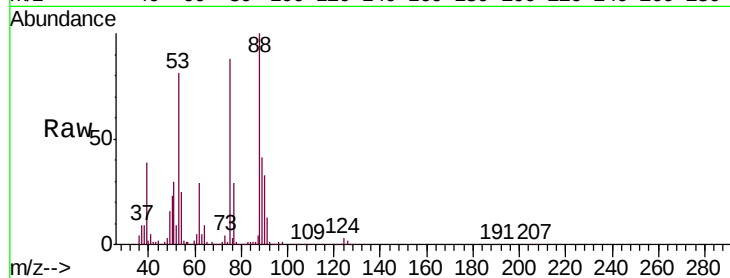




#81
trans-1,4-Dichloro-2-butene
Concen: 73.078 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

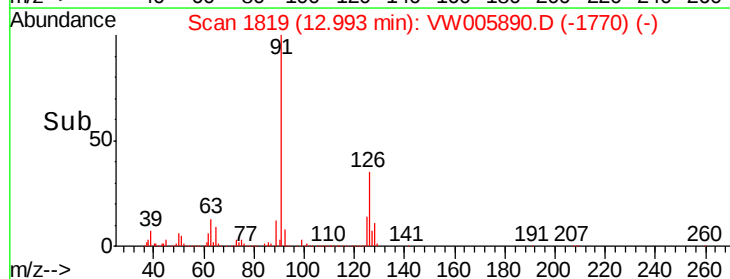
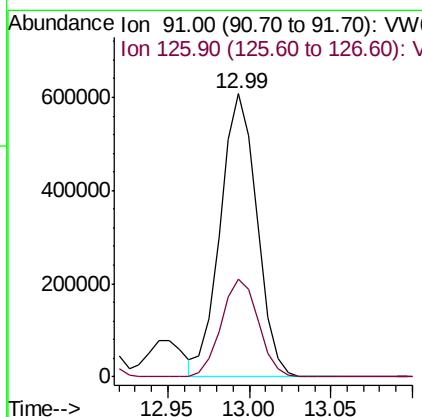
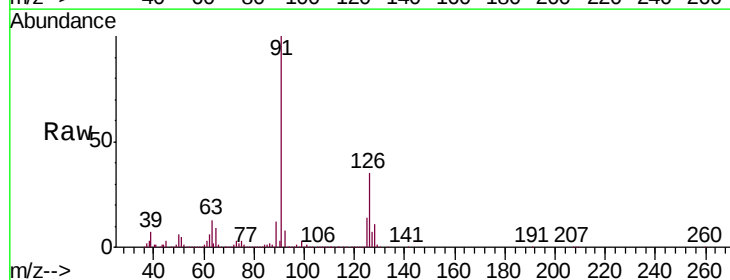
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

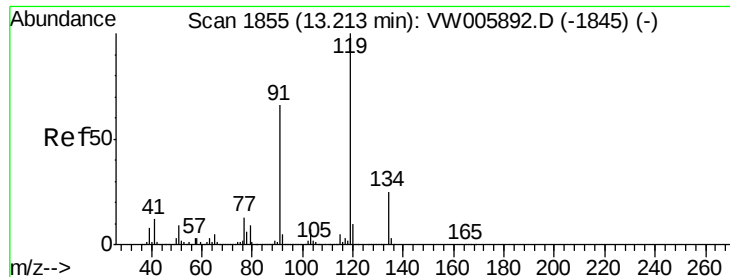
Tgt Ion: 75 Resp: 78534
Ion Ratio Lower Upper
75 100
53 94.8 76.5 114.7
89 46.4 37.6 56.4



#82
4-Chlorotoluene
Concen: 73.171 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 91 Resp: 948225
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2

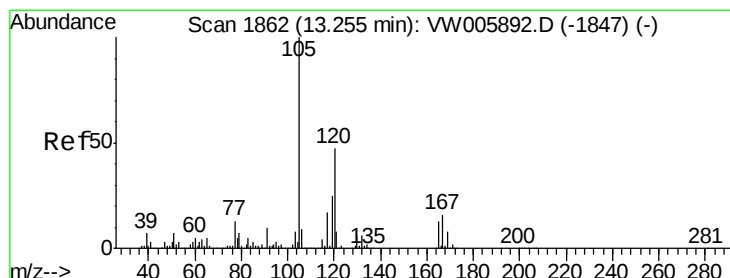
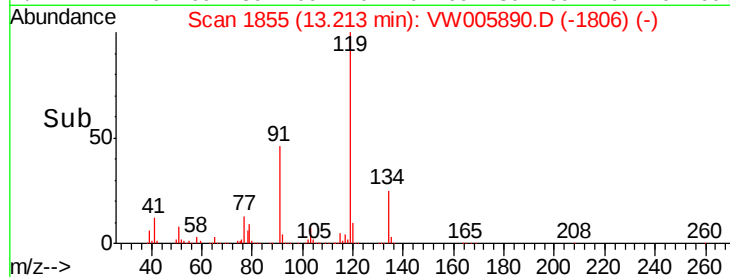
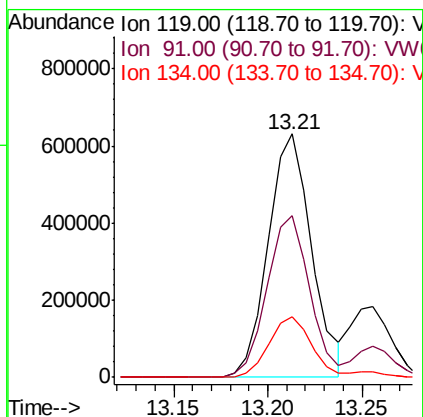
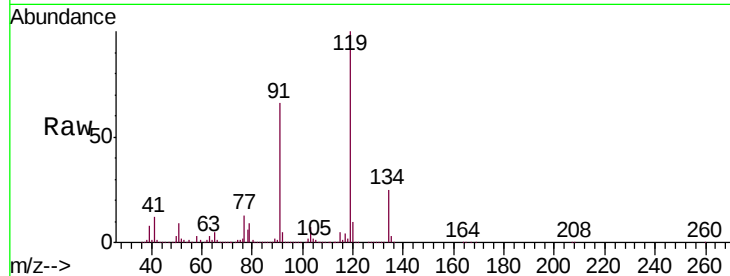




#83
 tert-Butylbenzene
 Concen: 72.541 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

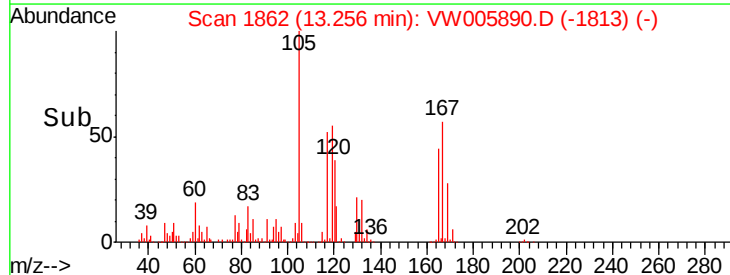
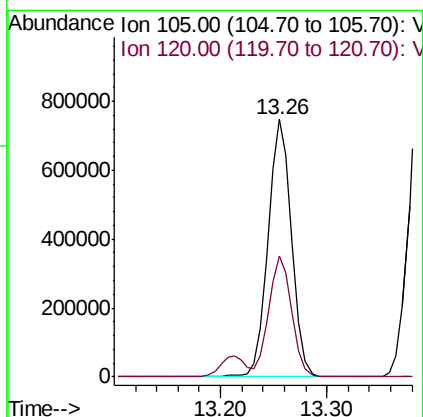
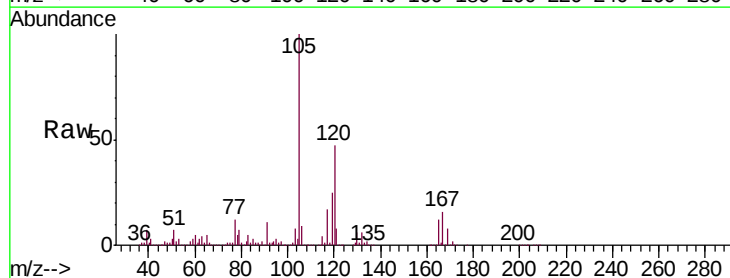
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

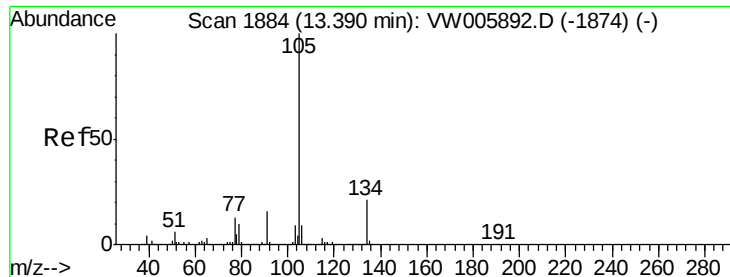
Tgt Ion:119 Resp: 1010361
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.4 97.0
 134 24.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 72.750 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:105 Resp: 1149176
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.8 68.3

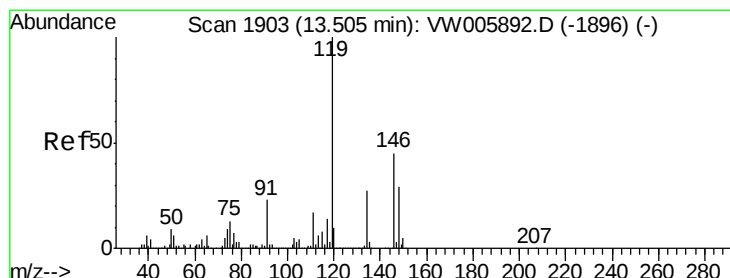
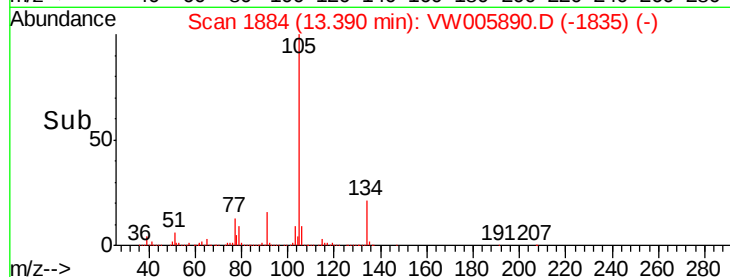
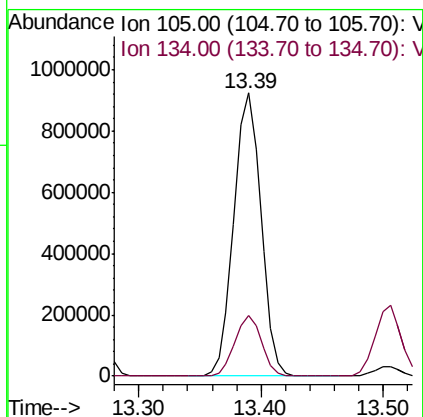
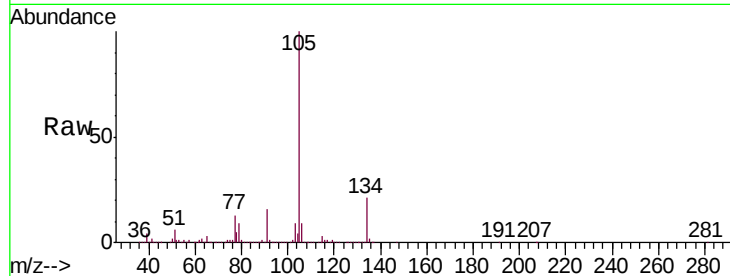




#85
 sec-Butylbenzene
 Concen: 72.654 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

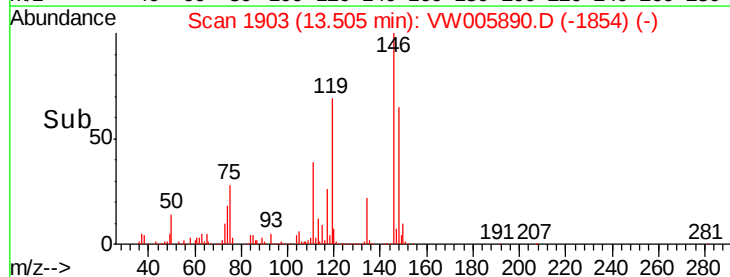
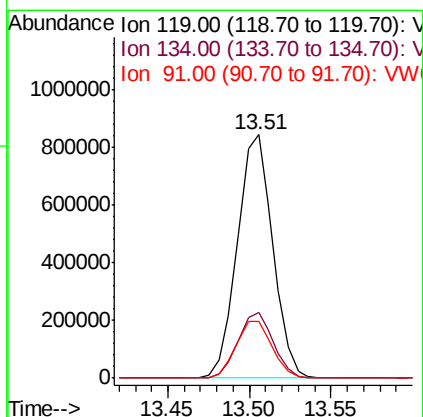
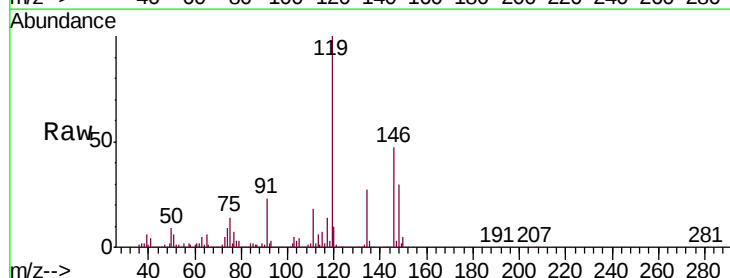
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

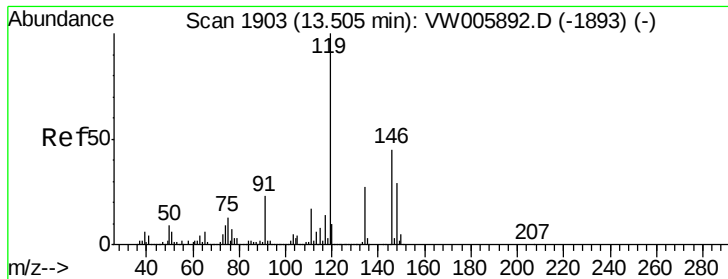
Tgt Ion:105 Resp: 1420422
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 72.536 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:119 Resp: 1275303
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.9 11.9 35.5

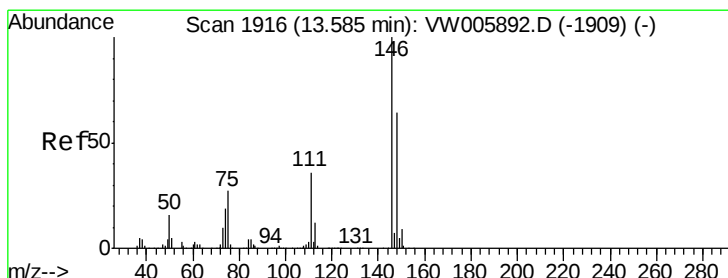
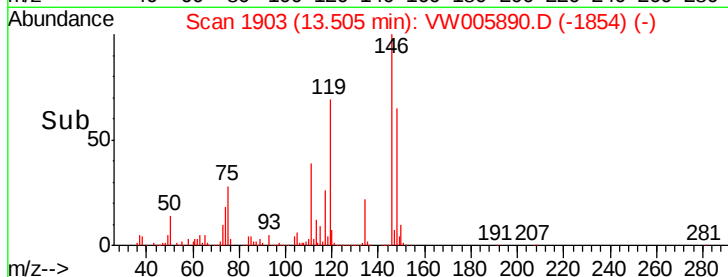
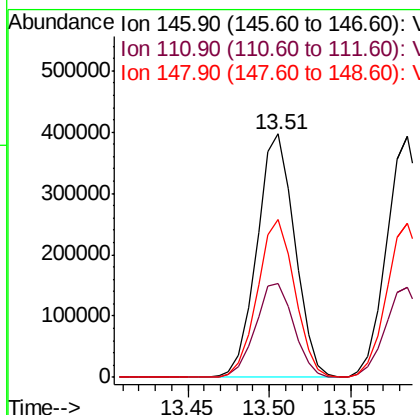
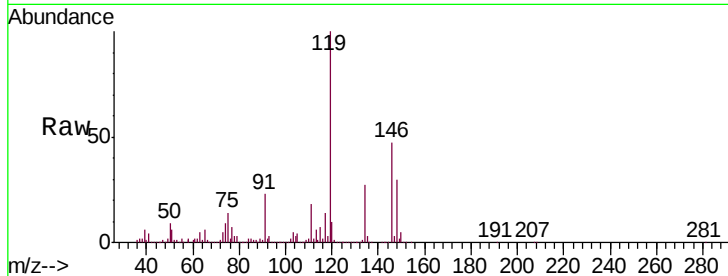




#87
 1,3-Dichlorobenzene
 Concen: 72.712 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

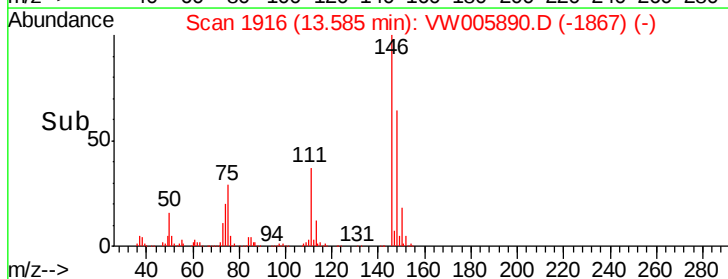
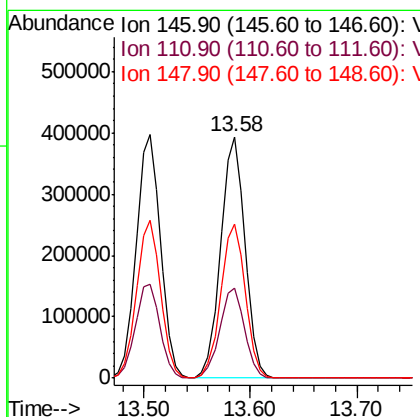
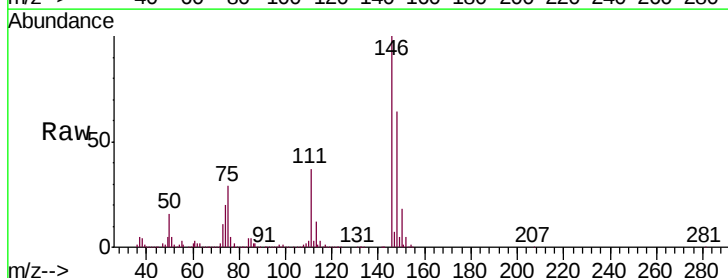
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

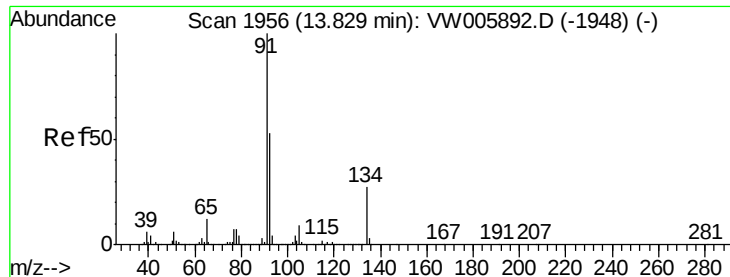
Tgt Ion:146 Resp: 634816
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.5 58.5
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 72.225 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:146 Resp: 626592
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.0 57.0
 148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 73.013 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

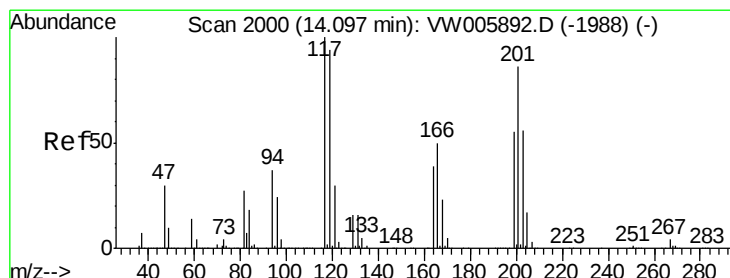
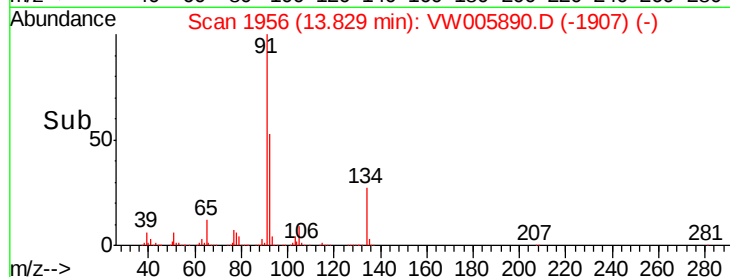
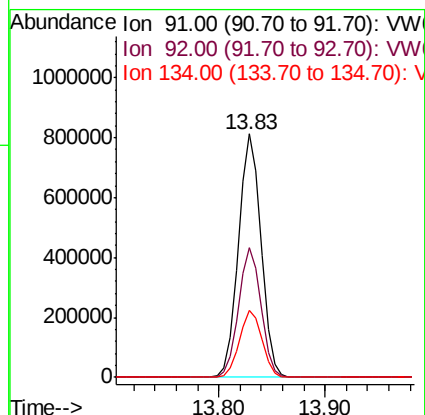
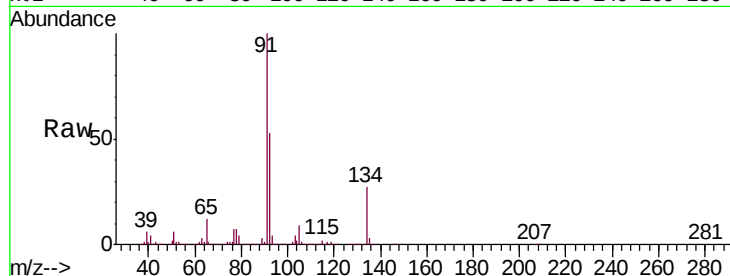
Tgt Ion: 91 Resp: 1210026

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.8

134 27.4 13.8 41.4



#90

Hexachloroethane

Concen: 73.047 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005890.D

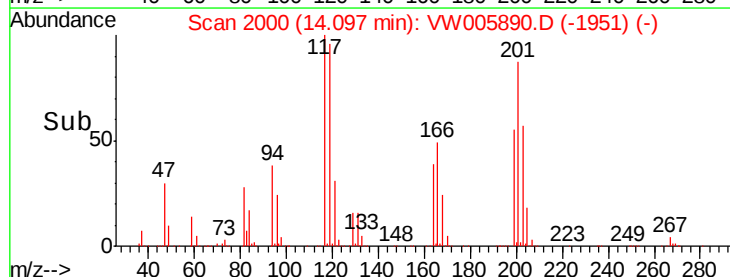
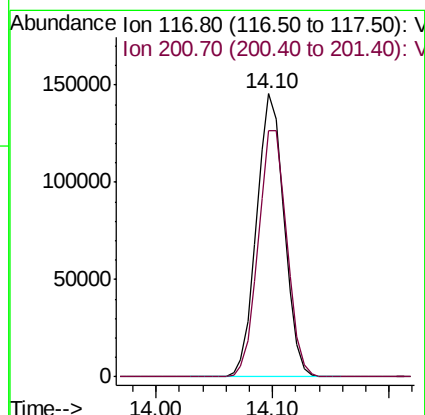
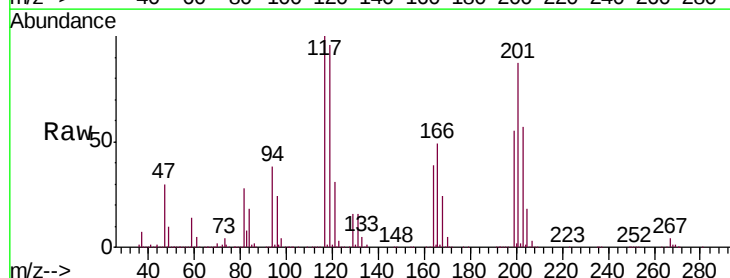
Acq: 08 Oct 2018 12:14

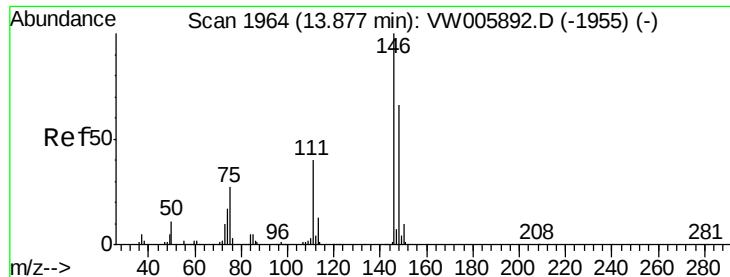
Tgt Ion: 117 Resp: 241544

Ion Ratio Lower Upper

117 100

201 89.9 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 73.542 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

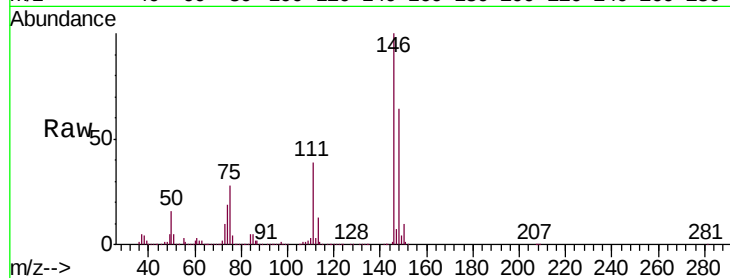
Tgt Ion:146 Resp: 570033

Ion Ratio Lower Upper

146 100

111 39.6 20.3 61.0

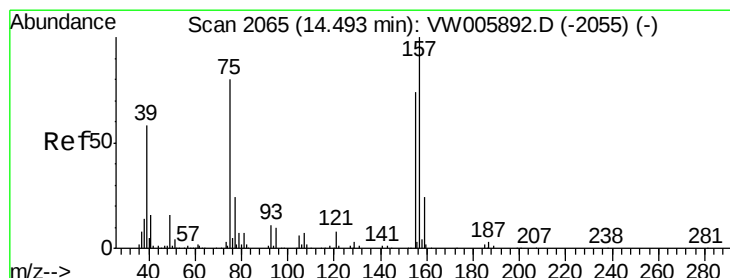
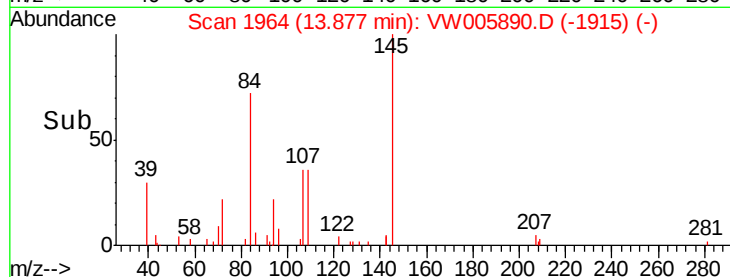
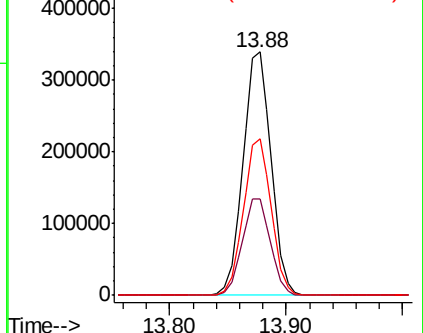
148 63.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 72.598 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

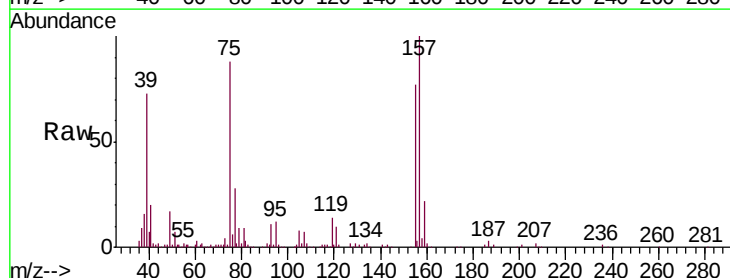
Tgt Ion: 75 Resp: 41132

Ion Ratio Lower Upper

75 100

155 92.5 44.8 134.3

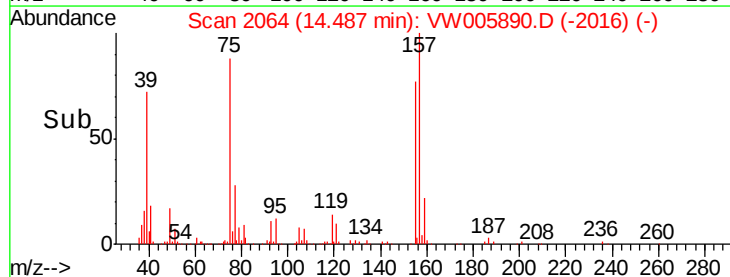
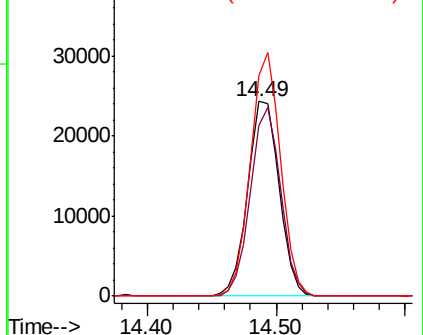
157 118.8 58.9 176.6

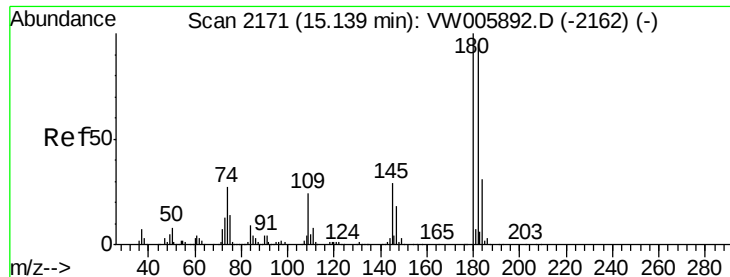


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

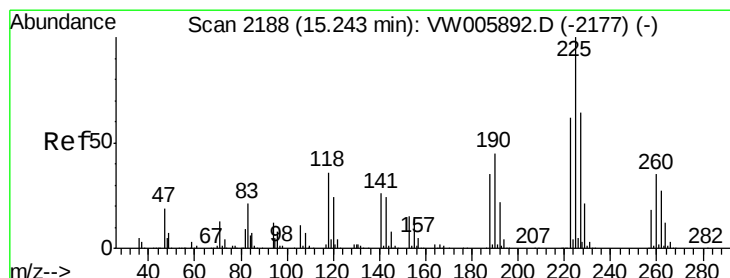
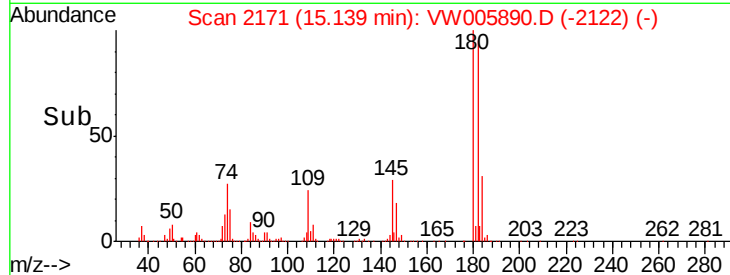
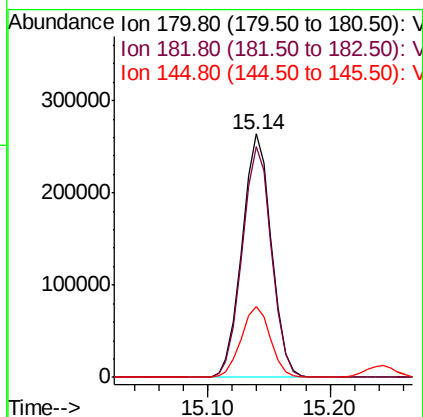
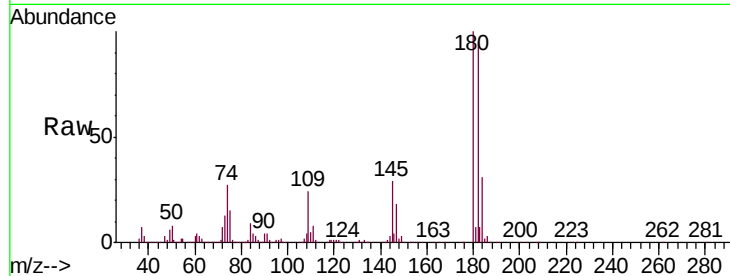




#93
 1,2,4-Trichlorobenzene
 Concen: 72.765 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

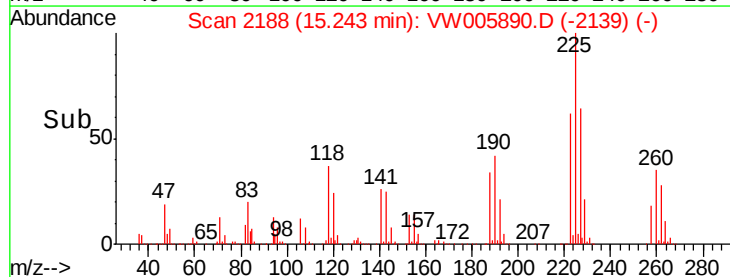
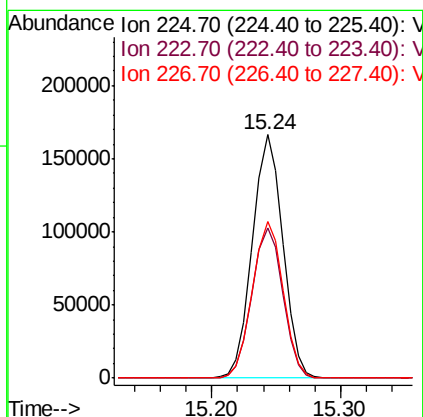
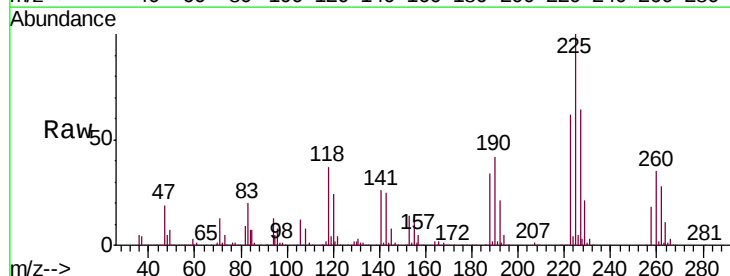
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

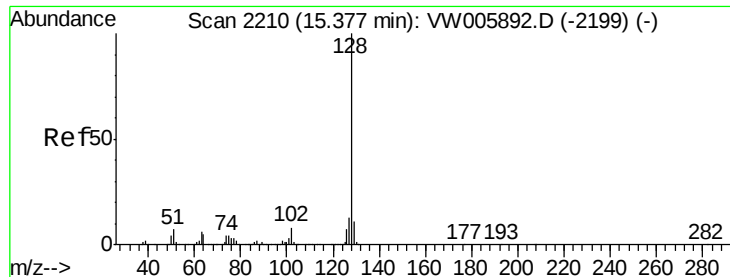
Tgt Ion:180 Resp: 437318
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.3
 145 29.2 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 72.474 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:225 Resp: 271875
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 64.9 31.9 95.9

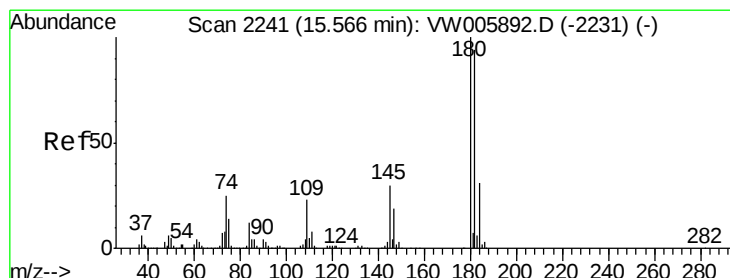
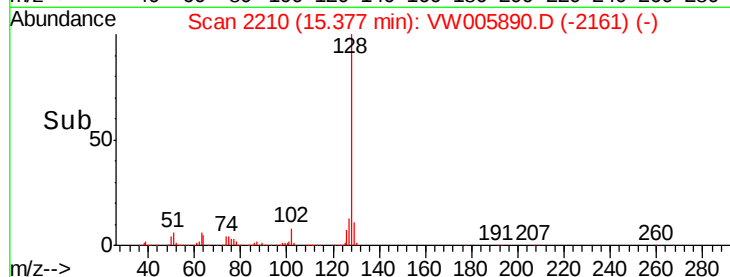
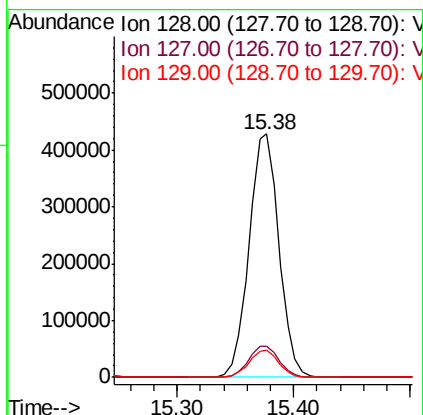
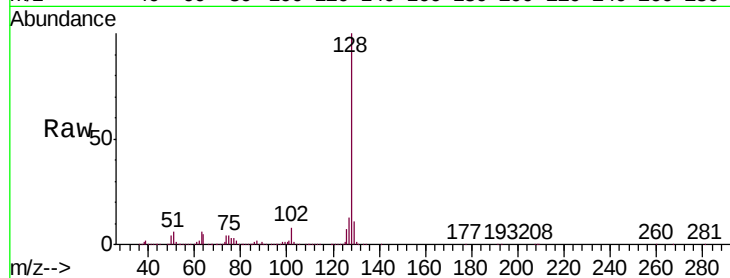




#95
Naphthalene
Concen: 73.948 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 766052
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 73.122 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion:180 Resp: 380524
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.8
145 30.6 15.3 45.9

