

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005320.D
 Acq On : 12 Sep 2018 12:58
 Operator : SY/AP
 Sample : VW0912SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 14:30:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	489891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	689211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	680536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	375541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	193810	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	7.89	113	197190	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.33	98	973466	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.62	95	355582	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	99306	23.499	ug/l	98
3) Chloromethane	2.21	50	132872	23.518	ug/l	97
4) Vinyl Chloride	2.35	62	122457	23.610	ug/l	100
5) Bromomethane	2.75	94	83519	25.058	ug/l	100
6) Chloroethane	2.90	64	65333	22.867	ug/l	97
7) Trichlorofluoromethane	3.25	101	130212	22.192	ug/l	98
8) Diethyl Ether	3.68	74	45084	21.560	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	90541	21.604	ug/l	99
10) Methyl Iodide	4.27	142	75464	16.849	ug/l	100
11) Tert butyl alcohol	5.17	59	33443	111.607	ug/l	96
12) 1,1-Dichloroethene	4.04	96	84284	21.841	ug/l	99
13) Acrolein	3.90	56	30620	105.787	ug/l	98
14) Allyl chloride	4.67	41	127698	21.536	ug/l	99
15) Acrylonitrile	5.37	53	102355	108.496	ug/l	99
16) Acetone	4.12	43	80025	117.992	ug/l	95
17) Carbon Disulfide	4.37	76	304605	22.488	ug/l	100
18) Methyl Acetate	4.68	43	43878	21.673	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197124	21.447	ug/l	99
20) Methylene Chloride	4.92	84	121157	22.207	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	94781	21.036	ug/l	97
22) Diisopropyl ether	6.31	45	267936	22.445	ug/l	94
23) Vinyl Acetate	6.26	43	735815	110.607	ug/l	100
24) 1,1-Dichloroethane	6.22	63	160890	21.895	ug/l	99
25) 2-Butanone	7.18	43	123229	115.189	ug/l	95
26) 2,2-Dichloropropane	7.17	77	140603	22.070	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	103004	21.361	ug/l	97
28) Bromochloromethane	7.51	49	60215	22.213	ug/l #	97
29) Tetrahydrofuran	7.54	42	77008	106.817	ug/l	98
30) Chloroform	7.68	83	158139	21.445	ug/l	98
31) Cyclohexane	7.96	56	173177	22.149	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	141798	21.285	ug/l	99
36) 1,1-Dichloropropene	8.09	75	141013	22.332	ug/l	99
37) Ethyl Acetate	7.26	43	53023	22.077	ug/l	99
38) Carbon Tetrachloride	8.07	117	126161	21.329	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005320.D
 Acq On : 12 Sep 2018 12:58
 Operator : SY/AP
 Sample : VW0912SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 14:30:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178548	21.297	ug/l	99
40) Benzene	8.33	78	408578	21.963	ug/l	99
41) Methacrylonitrile	7.49	41	26163	21.233	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	96834	21.758	ug/l	99
43) Isopropyl Acetate	8.43	43	97043	21.758	ug/l	98
44) Trichloroethene	9.10	130	111090	21.768	ug/l	98
45) 1,2-Dichloropropane	9.37	63	100298	22.431	ug/l	97
46) Dibromomethane	9.46	93	46165	21.092	ug/l	98
47) Bromodichloromethane	9.65	83	115284	21.532	ug/l	98
48) Methyl methacrylate	9.44	41	46197	19.949	ug/l	93
49) 1,4-Dioxane	9.45	88	18112	443.229	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	265468	105.770	ug/l	100
52) Toluene	10.39	92	290235	21.467	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120774	20.873	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	147599	21.301	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	73394	21.031	ug/l	99
56) Ethyl methacrylate	10.65	69	91452	20.671	ug/l	98
57) 1,3-Dichloropropane	10.94	76	122721	21.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	210754	109.600	ug/l	99
59) 2-Hexanone	10.98	43	199562	110.291	ug/l	99
60) Dibromochloromethane	11.13	129	80419	20.768	ug/l	99
61) 1,2-Dibromoethane	11.24	107	67356	21.047	ug/l	100
64) Tetrachloroethene	10.87	164	105897	20.974	ug/l	99
65) Chlorobenzene	11.66	112	318767	21.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92665	20.818	ug/l	99
67) Ethyl Benzene	11.74	91	553575	21.322	ug/l	100
68) m/p-Xylenes	11.84	106	451137	43.121	ug/l	99
69) o-Xylene	12.17	106	207301	21.297	ug/l	99
70) Styrene	12.19	104	340748	21.454	ug/l	99
71) Bromoform	12.35	173	49369	20.456	ug/l #	98
73) Isopropylbenzene	12.47	105	558394	21.045	ug/l	100
74) N-amyl acetate	12.28	43	105161	20.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	82917	20.793	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	110778	38.352	ug/l #	100
77) Bromobenzene	12.76	156	130950	20.948	ug/l	98
78) n-propylbenzene	12.81	91	693648	21.767	ug/l	99
79) 2-Chlorotoluene	12.90	91	394393	21.581	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	488109	21.603	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	24276	19.710	ug/l	96
82) 4-Chlorotoluene	12.99	91	410215	21.356	ug/l	100
83) tert-Butylbenzene	13.21	119	407767	20.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	489423	21.556	ug/l	99
85) sec-Butylbenzene	13.39	105	605316	21.314	ug/l	99
86) p-Isopropyltoluene	13.51	119	542352	21.573	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	274991	20.950	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	276069	21.414	ug/l	99
89) n-Butylbenzene	13.83	91	501548	21.222	ug/l	98
90) Hexachloroethane	14.10	117	81140	20.145	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	246545	21.370	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14050	21.188	ug/l	94

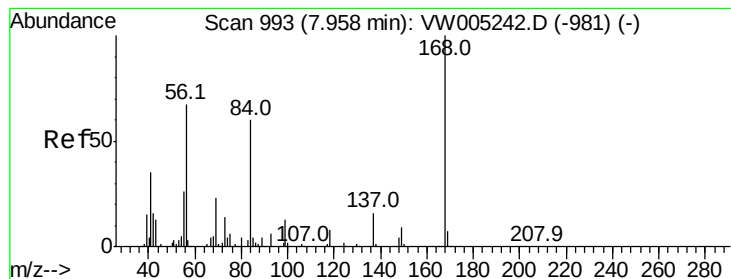
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005320.D
Acq On : 12 Sep 2018 12:58
Operator : SY/AP
Sample : VW0912SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 12 14:30:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	161216	19.755	ug/l	99
94) Hexachlorobutadiene	15.25	225	107479	20.566	ug/l	99
95) Naphthalene	15.38	128	253556	19.163	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	139117	19.811	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

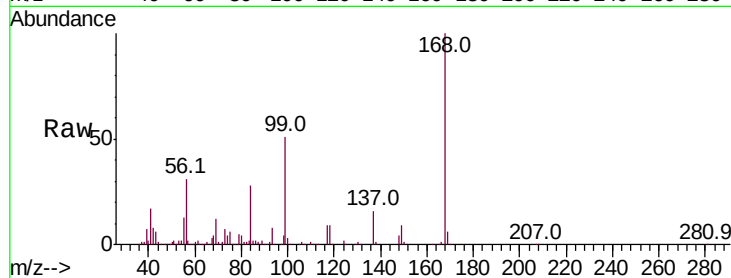
ClientSampled :

Tot Ion:168 Resp: 489891

Ion Ratio Lower Upper

168 100

99 51.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

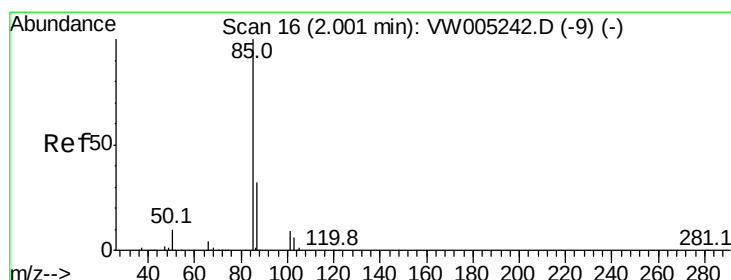
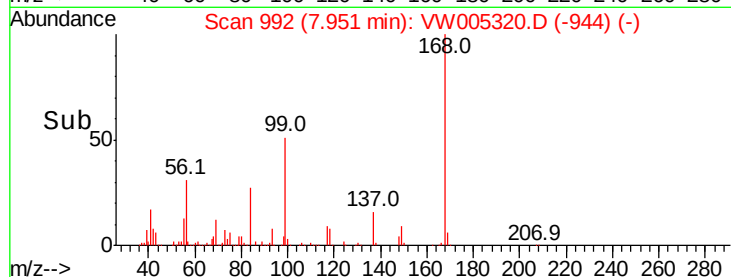
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.499 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005320.D

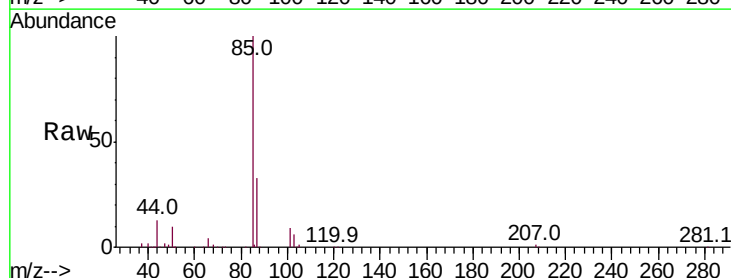
Acq: 12 Sep 2018 12:58

Tgt Ion: 85 Resp: 99306

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

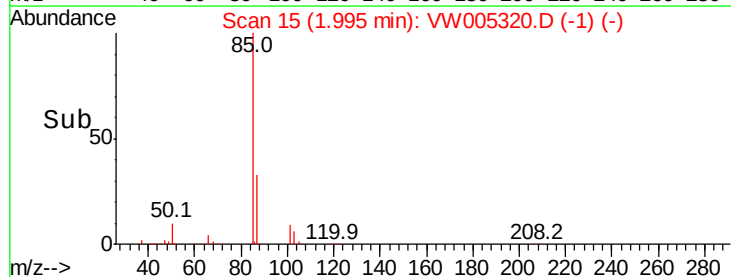
40000

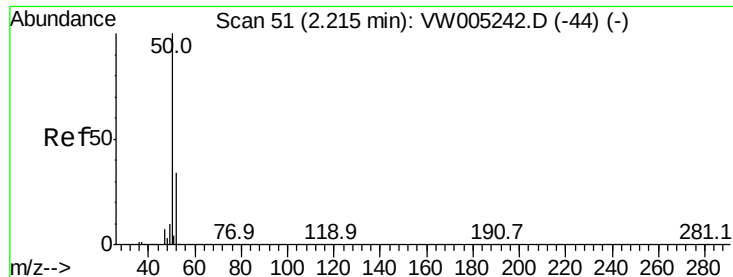
20000

0

1.90 2.00 2.10

Time-->

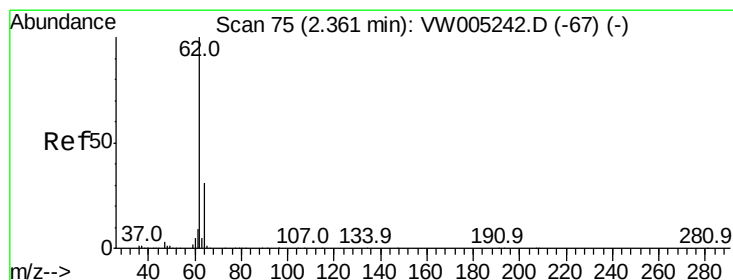
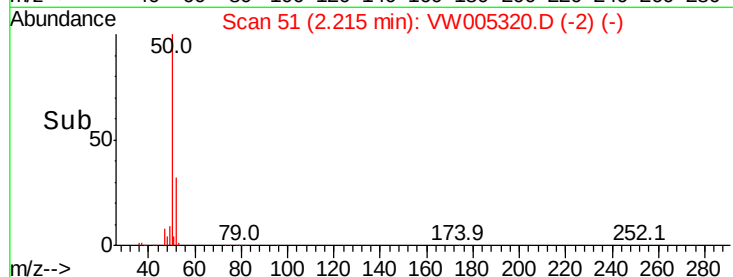
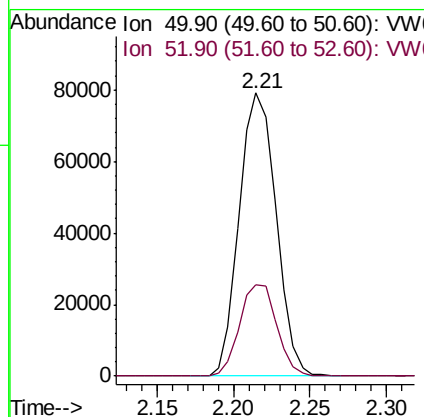
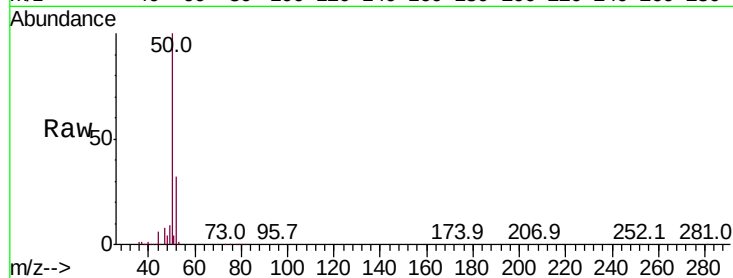




#3
Chloromethane
Concen: 23.518 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

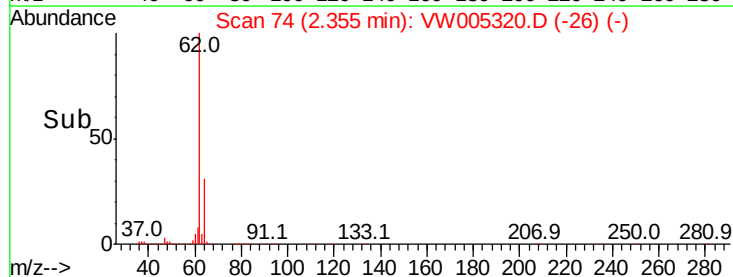
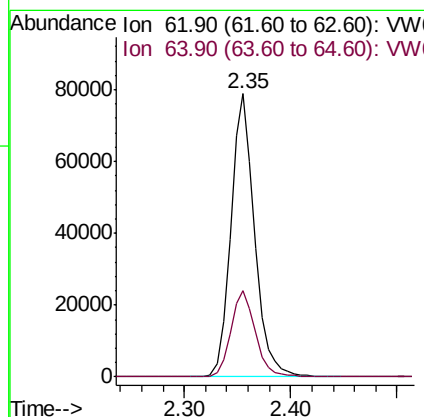
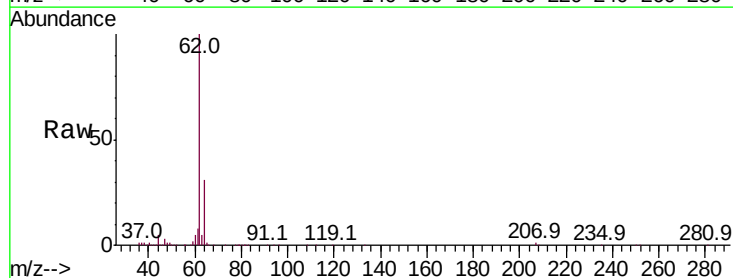
Instrument :
MSVOA_W
ClientSampleId :

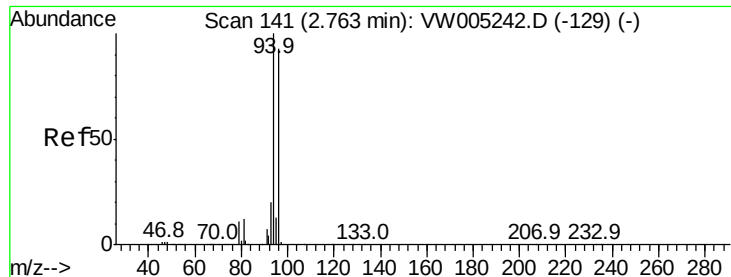
Tot Ion: 50 Resp: 132872
Ion Ratio Lower Upper
50 100
52 32.2 27.0 40.4



#4
Vinyl Chloride
Concen: 23.610 ug/l
RT: 2.35 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 62 Resp: 122457
Ion Ratio Lower Upper
62 100
64 30.6 24.6 37.0





#5

Bromomethane

Concen: 25.058 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

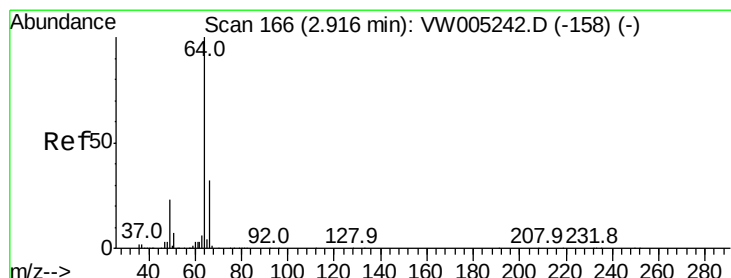
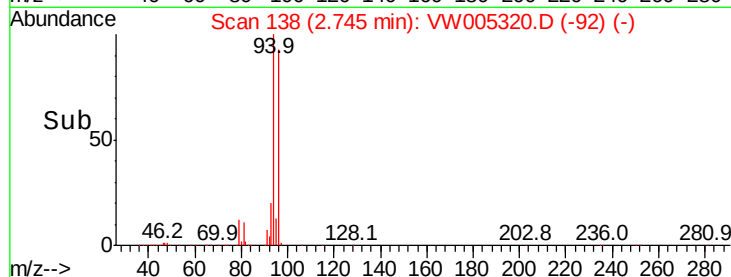
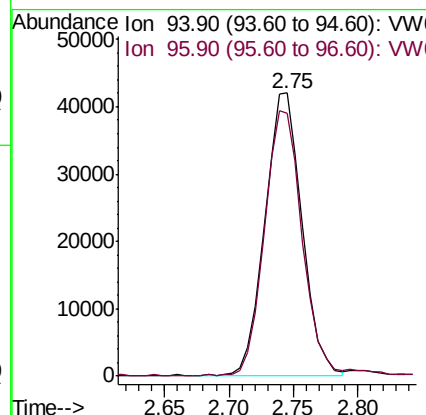
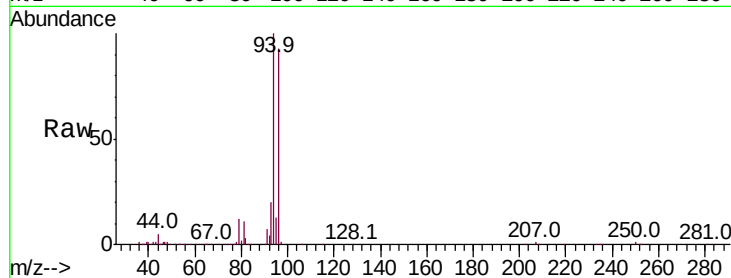
ClientSampleId :

Tot Ion: 94 Resp: 83519

Ion Ratio Lower Upper

94 100

96 92.9 74.1 111.1



#6

Chloroethane

Concen: 22.867 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW005320.D

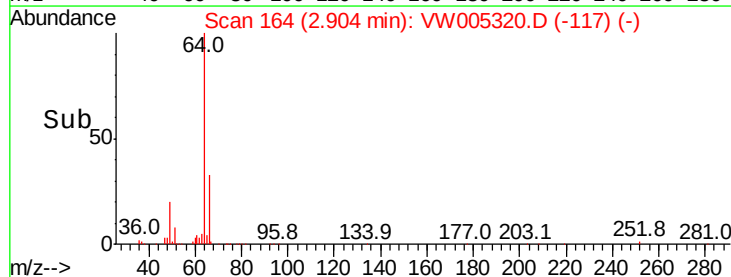
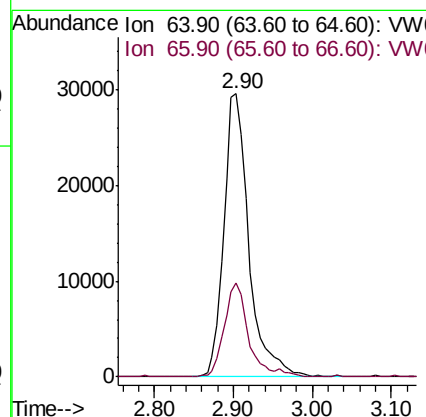
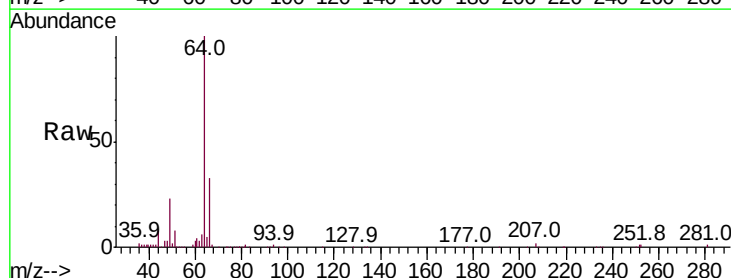
Acq: 12 Sep 2018 12:58

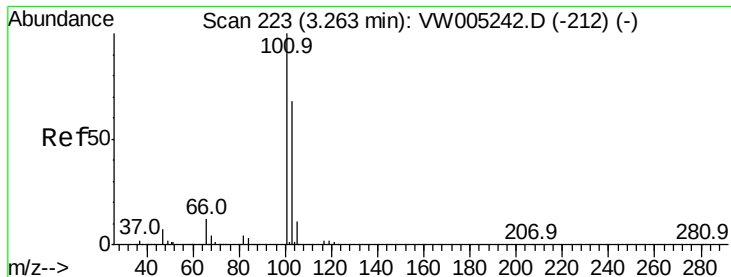
Tgt Ion: 64 Resp: 65333

Ion Ratio Lower Upper

64 100

66 33.0 25.3 37.9



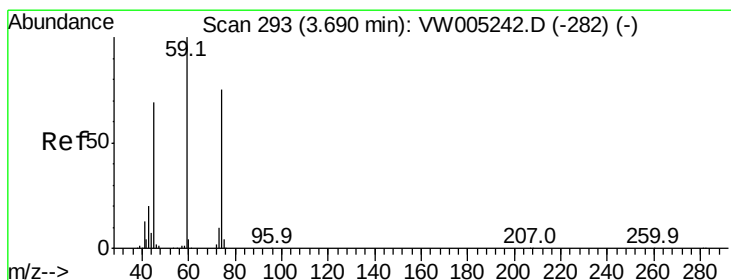
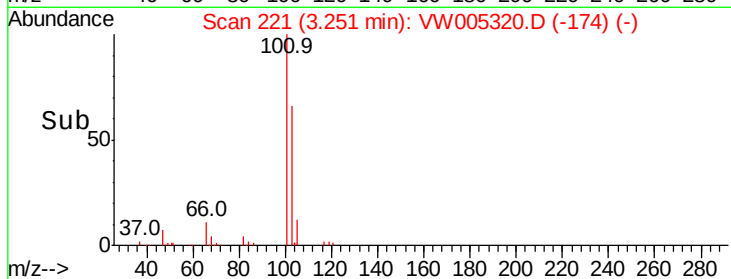
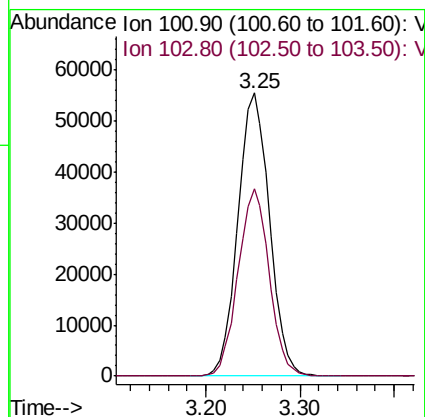
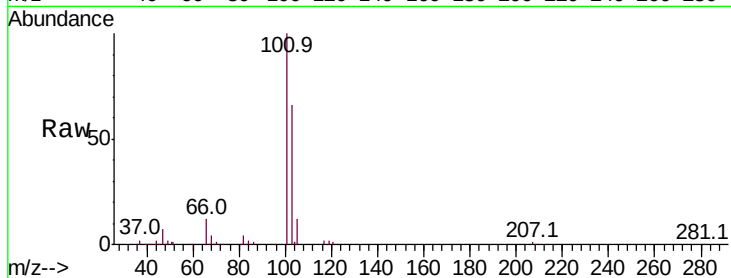


#7

Trichlorofluoromethane
Concen: 22.192 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :

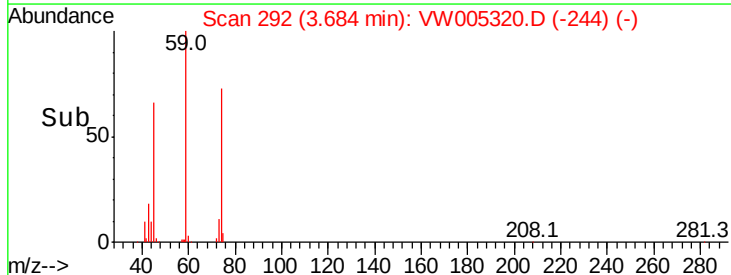
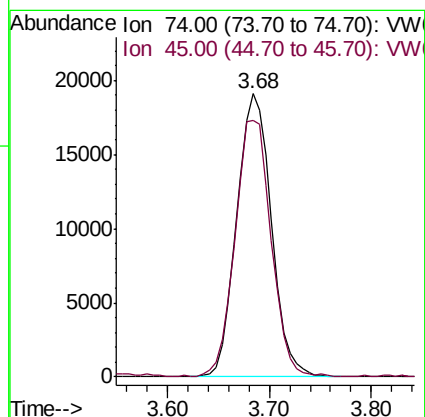
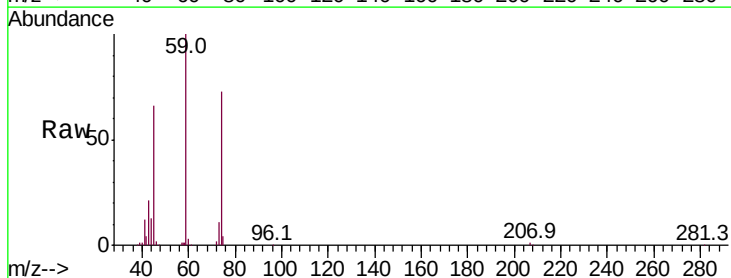
Tot Ion:101 Resp: 130212
Ion Ratio Lower Upper
101 100
103 66.0 54.1 81.1

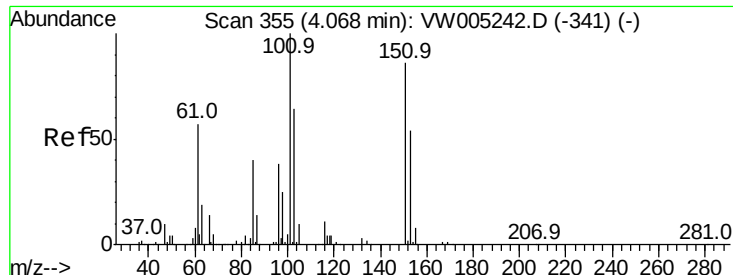


#8

Diethyl Ether
Concen: 21.560 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 74 Resp: 45084
Ion Ratio Lower Upper
74 100
45 94.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.604 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

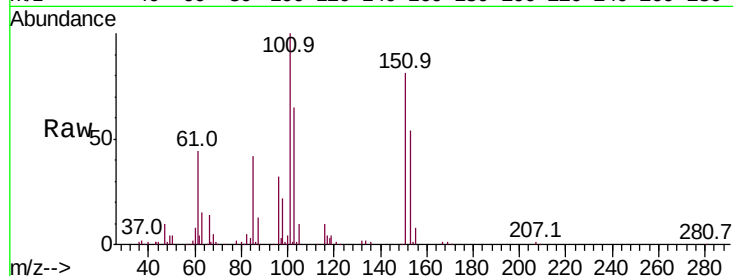
Tot Ion:101 Resp: 90541

Ion Ratio Lower Upper

101 100

85 41.2 32.7 49.1

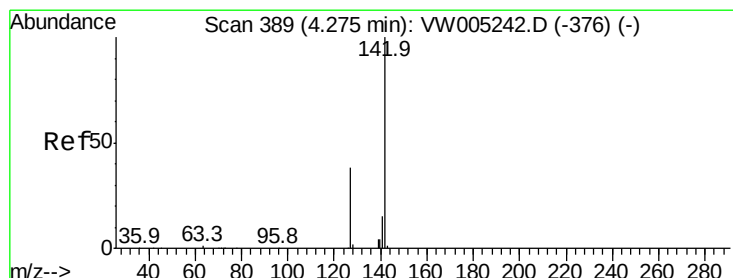
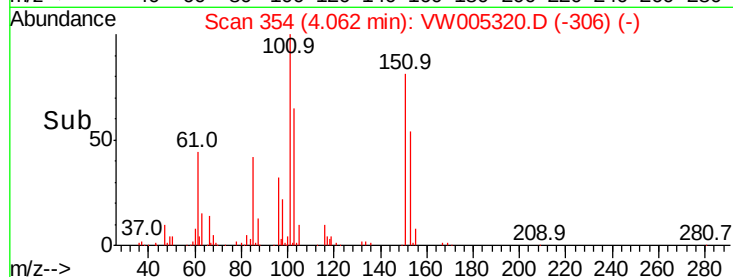
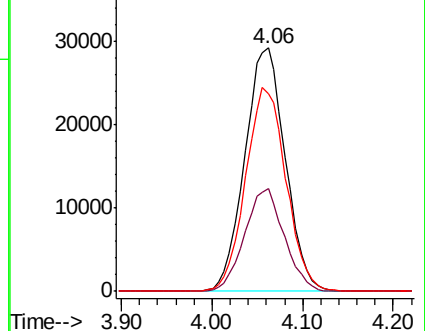
151 83.6 67.6 101.4



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: 16.849 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

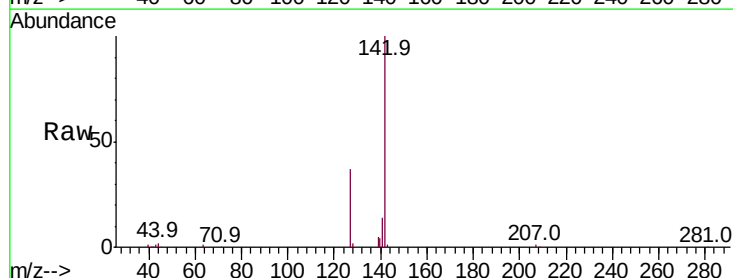
Tgt Ion:142 Resp: 75464

Ion Ratio Lower Upper

142 100

127 38.0 30.3 45.5

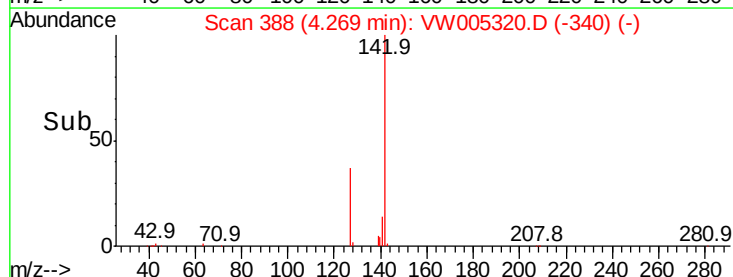
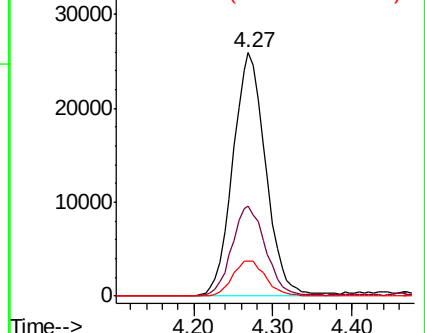
141 14.6 11.4 17.0

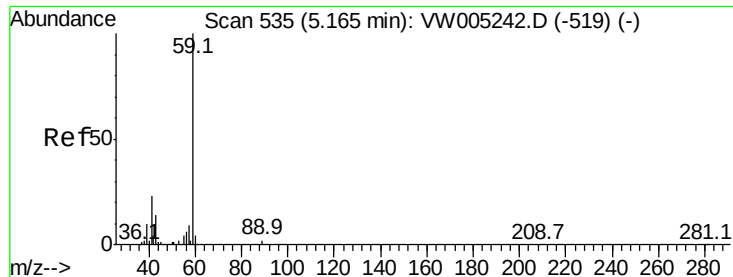


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



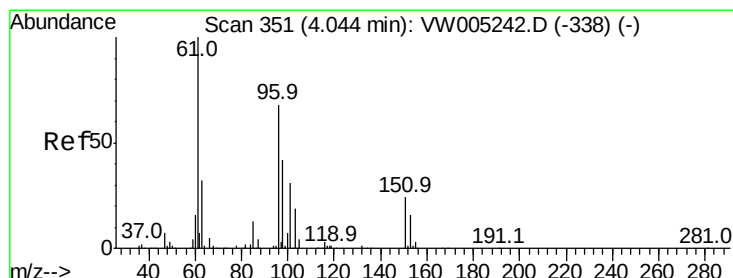
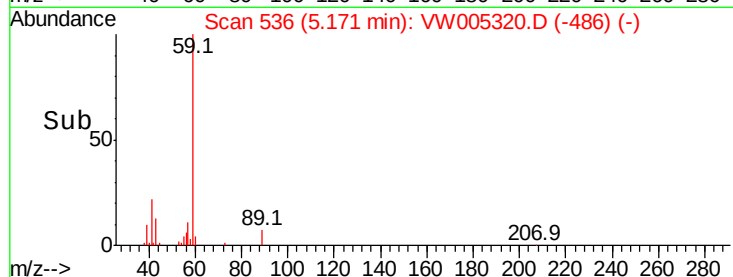
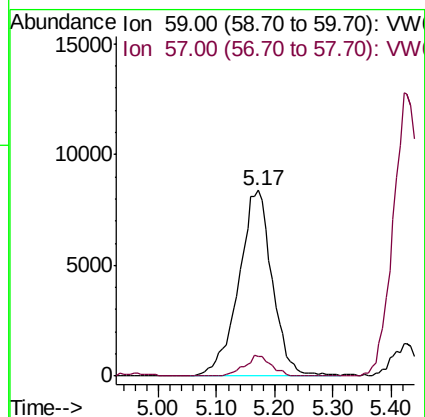
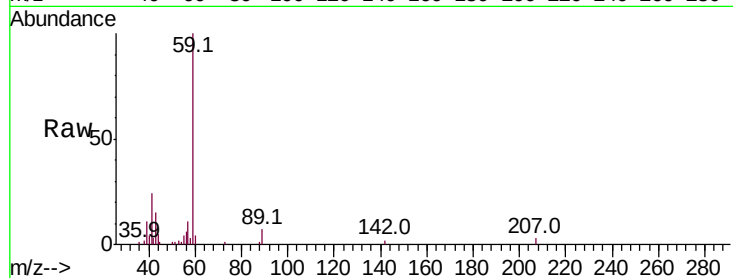


#11

Tert butyl alcohol
Concen: 111.607 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampled :

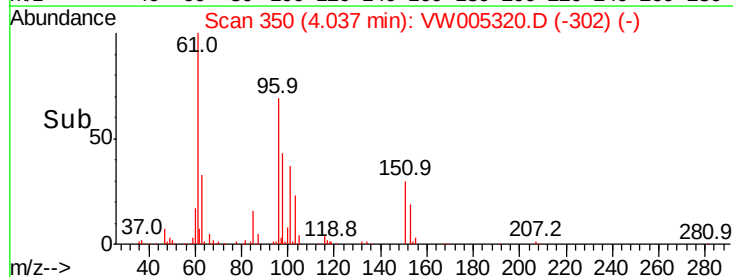
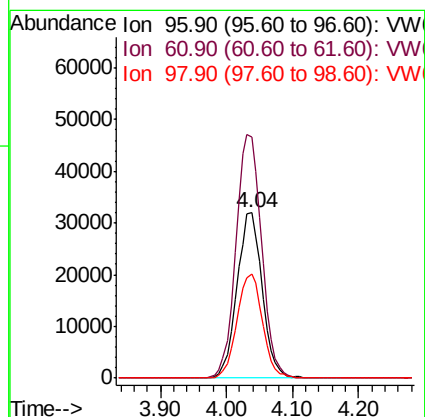
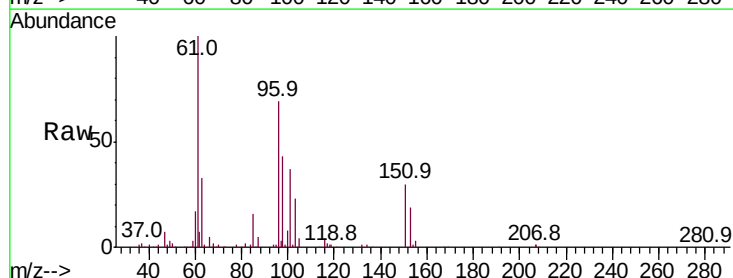
Tot Ion: 59 Resp: 33443
Ion Ratio Lower Upper
59 100
57 8.7 8.1 12.1

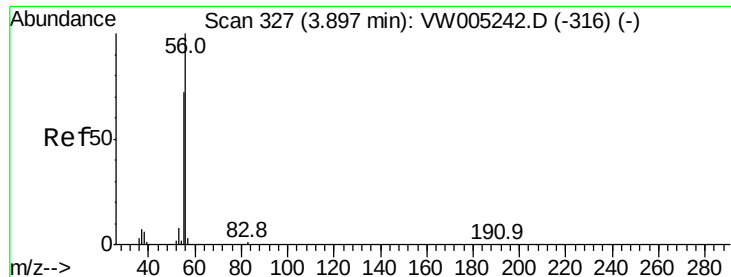


#12

1,1-Dichloroethene
Concen: 21.841 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 96 Resp: 84284
Ion Ratio Lower Upper
96 100
61 145.9 118.2 177.2
98 62.9 49.9 74.9





#13

Acrolein

Concen: 105.787 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

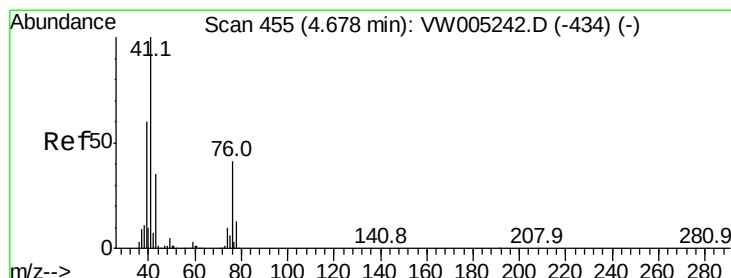
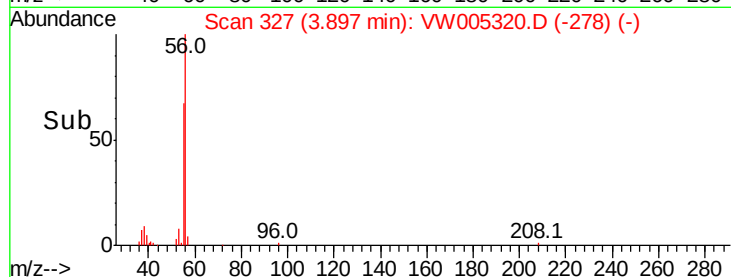
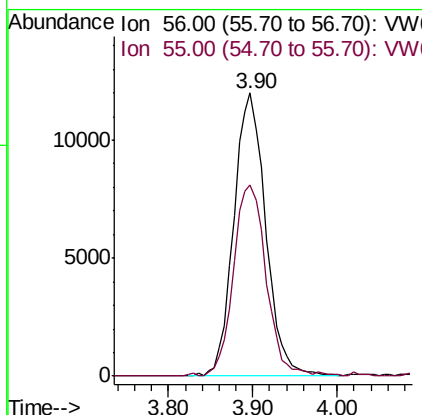
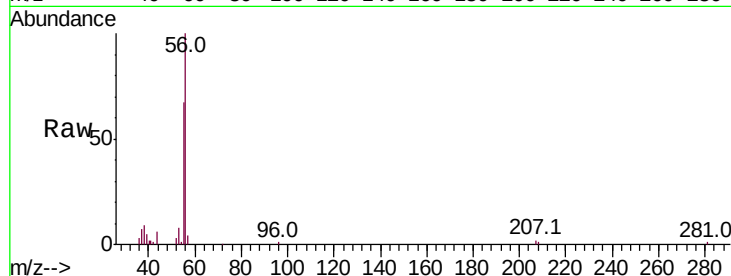
ClientSampleId :

Tot Ion: 56 Resp: 30620

Ion Ratio Lower Upper

56 100

55 69.7 56.8 85.2



#14

Allyl chloride

Concen: 21.536 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

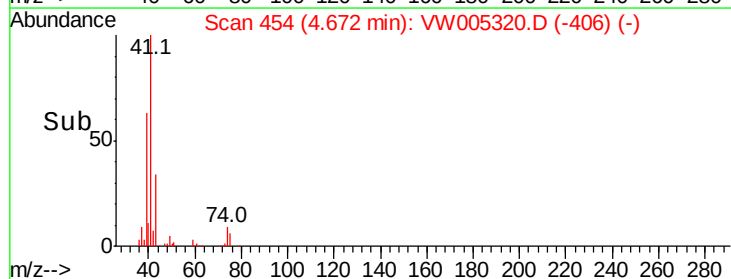
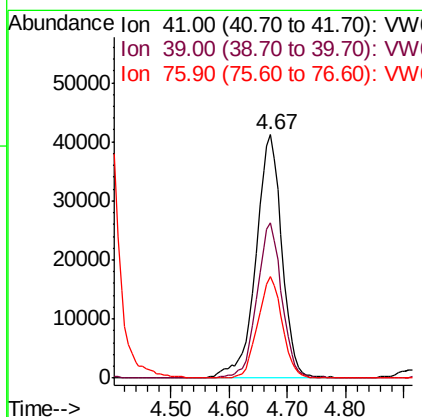
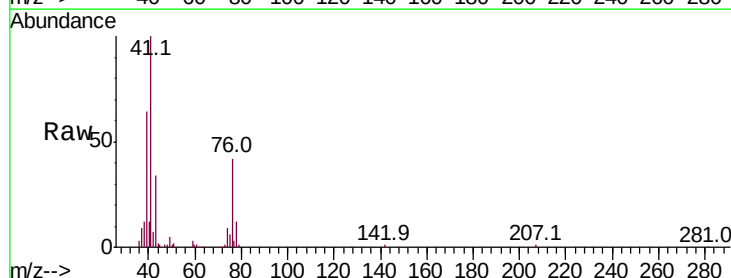
Tgt Ion: 41 Resp: 127698

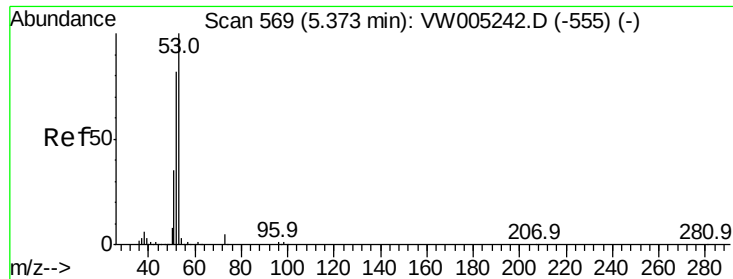
Ion Ratio Lower Upper

41 100

39 60.9 48.2 72.4

76 39.2 31.7 47.5





#15

Acrylonitrile

Concen: 108.496 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :

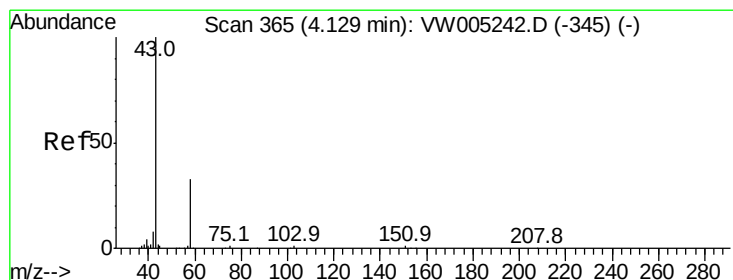
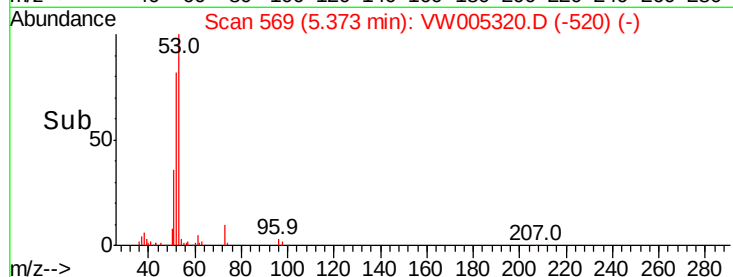
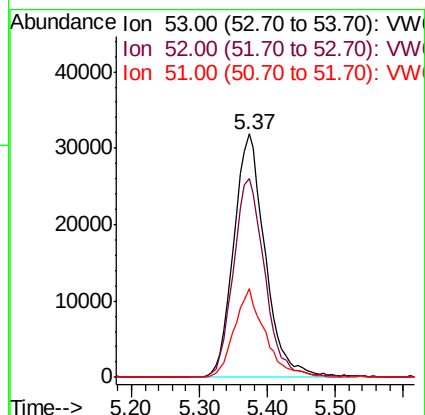
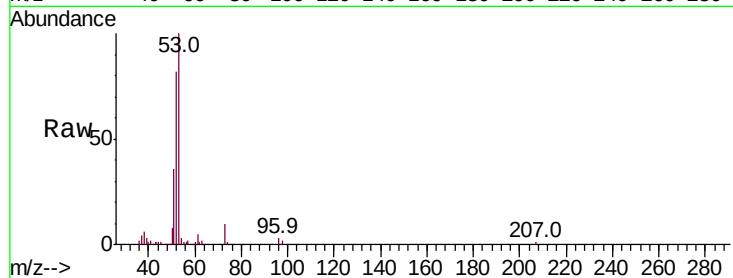
Tot Ion: 53 Resp: 102355

Ion Ratio Lower Upper

53 100

52 81.6 66.0 99.0

51 35.8 28.6 43.0



#16

Acetone

Concen: 117.992 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005320.D

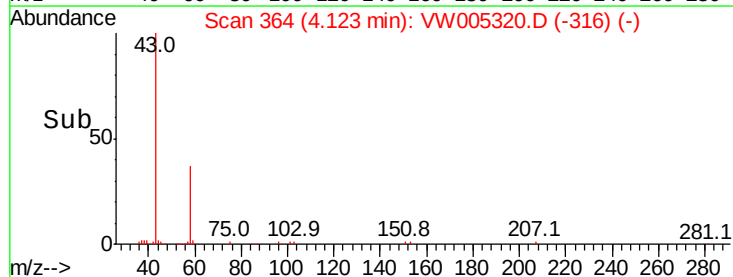
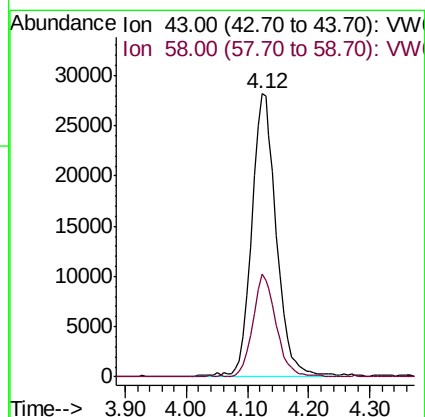
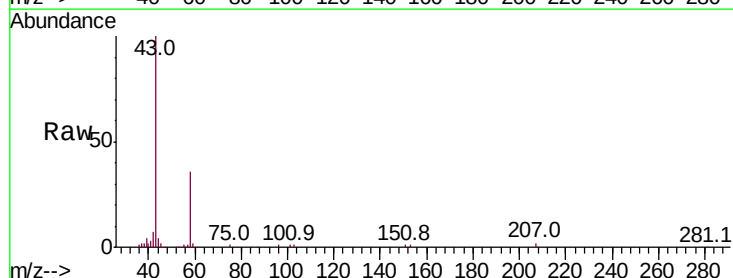
Acq: 12 Sep 2018 12:58

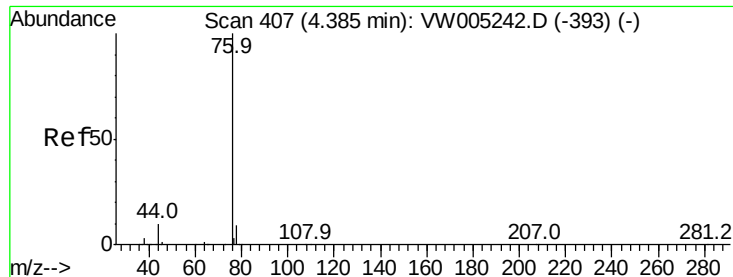
Tgt Ion: 43 Resp: 80025

Ion Ratio Lower Upper

43 100

58 36.5 26.7 40.1





#17

Carbon Disulfide

Concen: 22.488 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

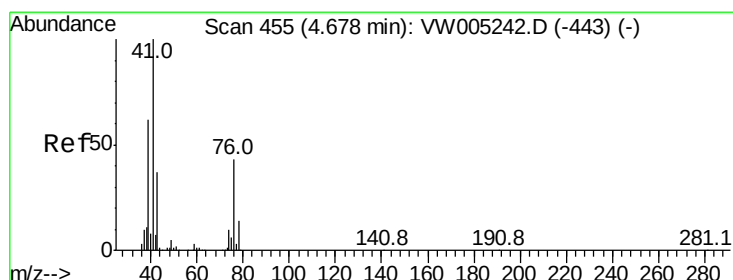
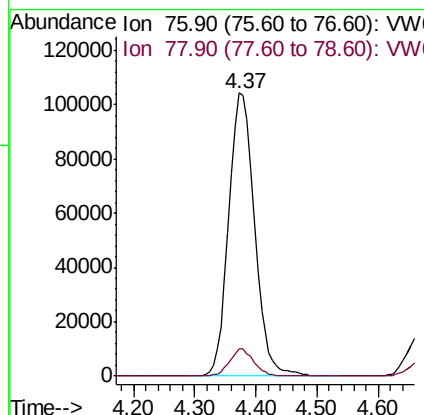
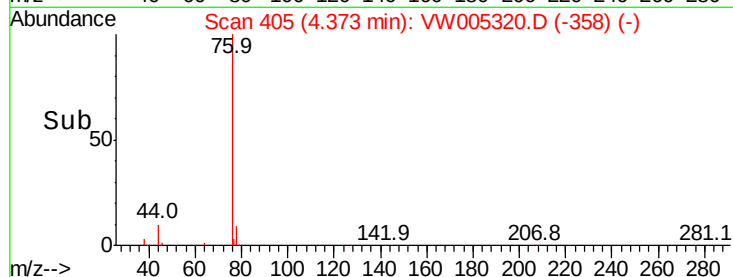
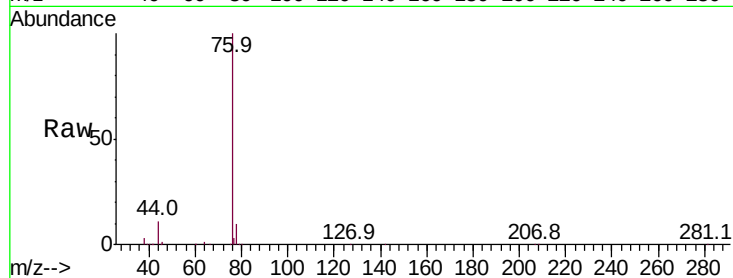
ClientSampleId :

Tot Ion: 76 Resp: 304605

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3



#18

Methyl Acetate

Concen: 21.673 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005320.D

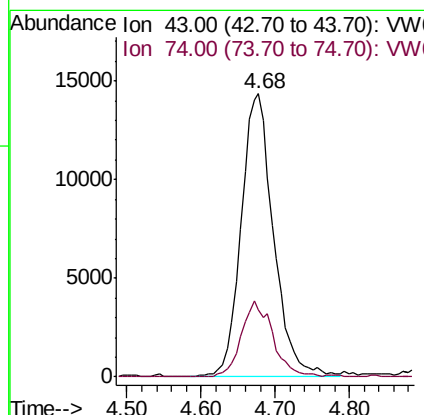
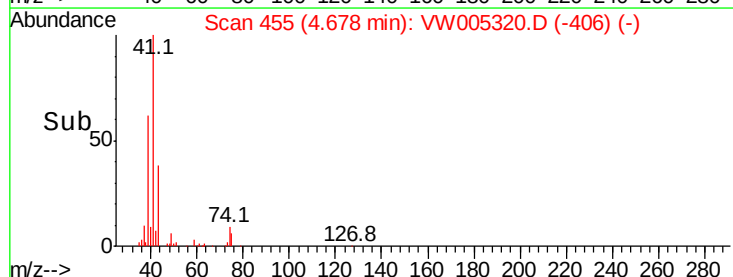
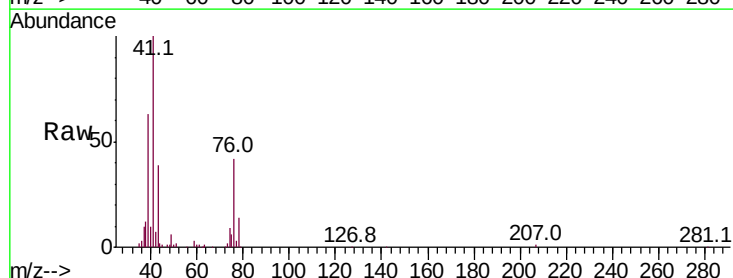
Acq: 12 Sep 2018 12:58

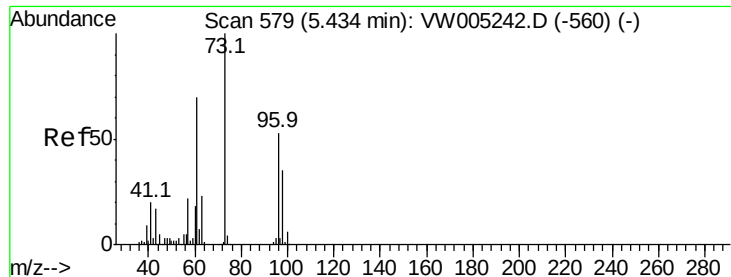
Tgt Ion: 43 Resp: 43878

Ion Ratio Lower Upper

43 100

74 26.0 21.4 32.2

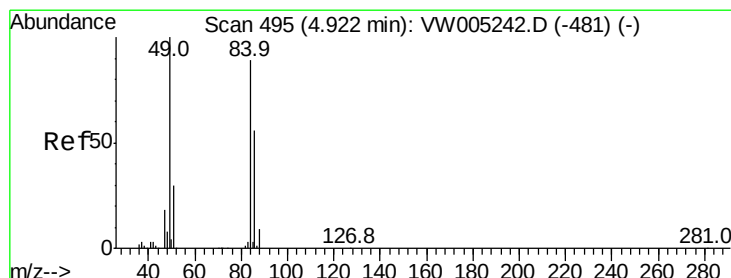
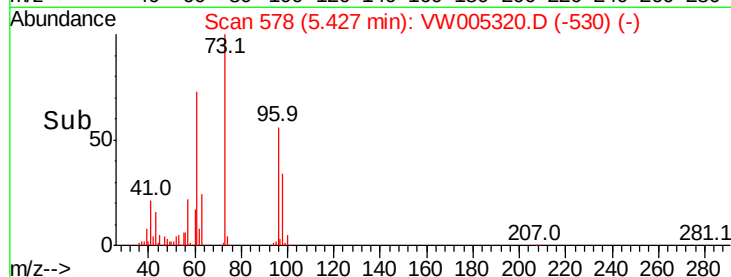
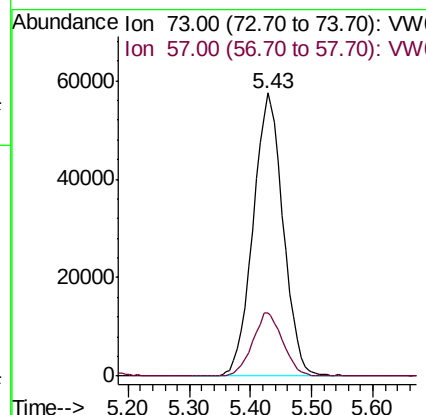
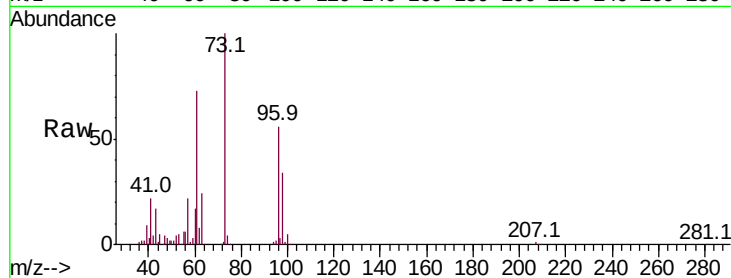




#19
Methyl tert-butyl Ether
Concen: 21.447 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

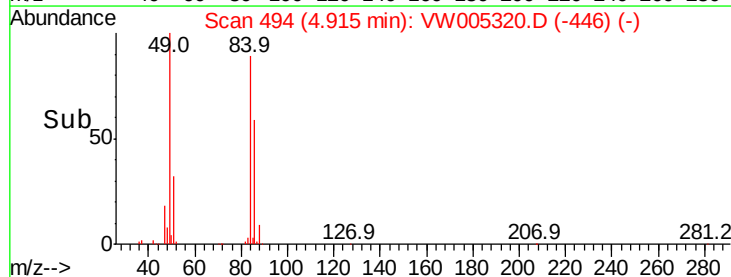
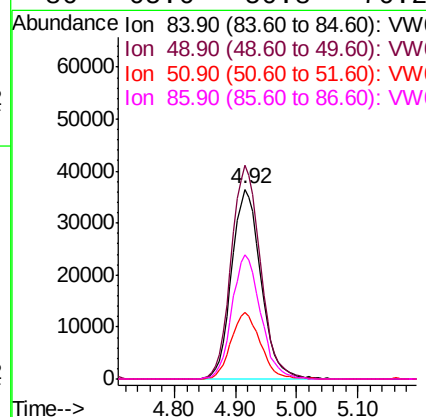
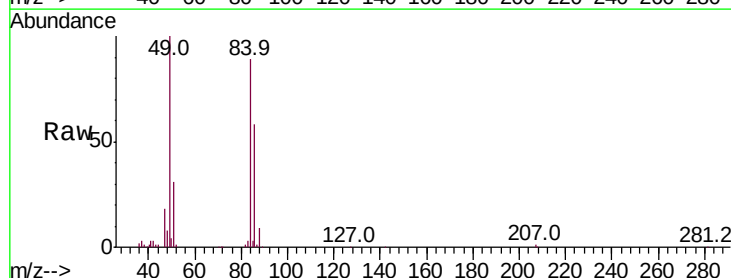
Instrument :
MSVOA_W
ClientSampleId :

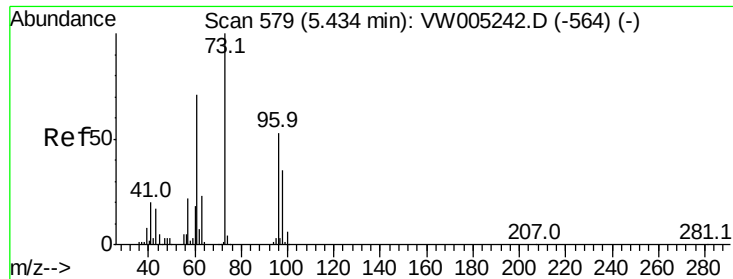
Tot Ion: 73 Resp: 197124
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 22.207 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 84 Resp: 121157
Ion Ratio Lower Upper
84 100
49 112.6 90.3 135.5
51 35.4 26.9 40.3
86 65.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.036 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

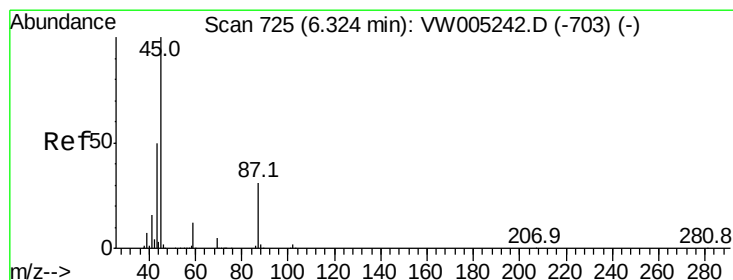
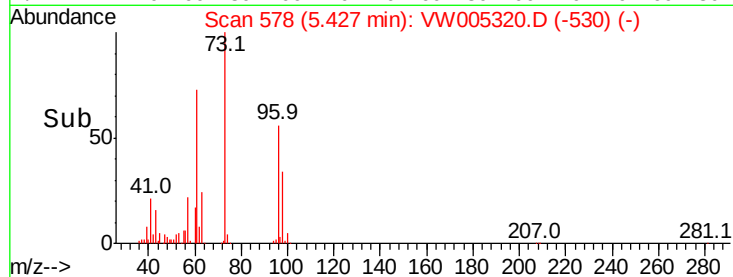
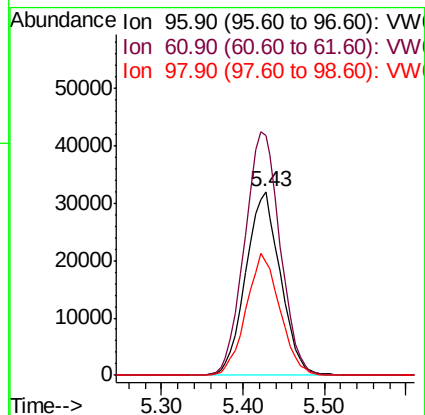
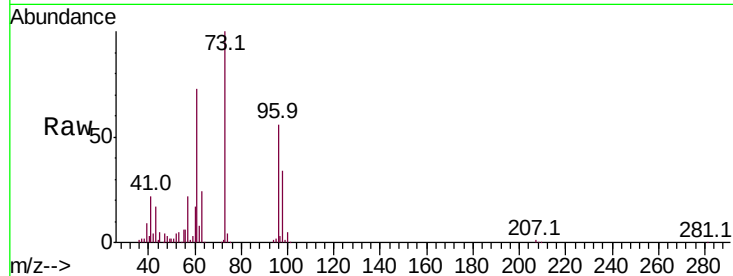
Tot Ion: 96 Resp: 94781

Ion Ratio Lower Upper

96 100

61 130.3 105.7 158.5

98 61.1 52.8 79.2



#22

Diisopropyl ether

Concen: 22.445 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion: 45 Resp: 267936

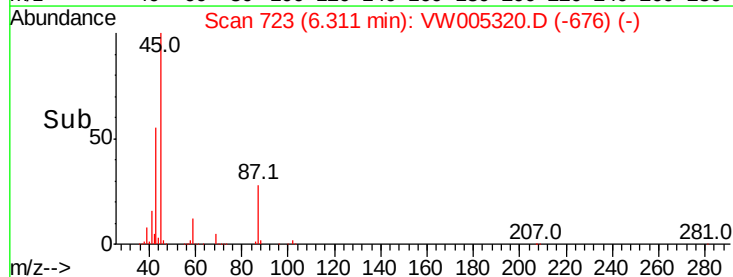
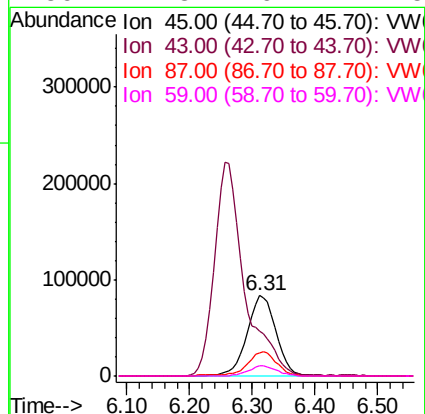
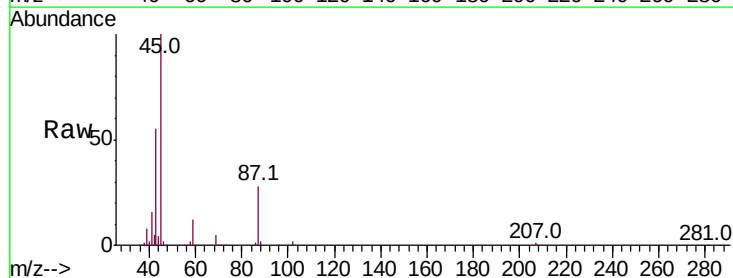
Ion Ratio Lower Upper

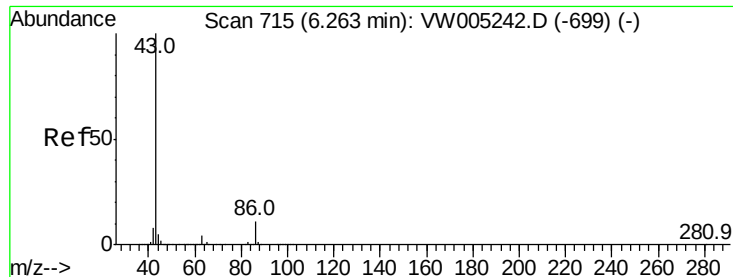
45 100

43 54.3 39.6 59.4

87 28.1 24.7 37.1

59 12.3 9.7 14.5





#23

Vinyl Acetate

Concen: 110.607 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

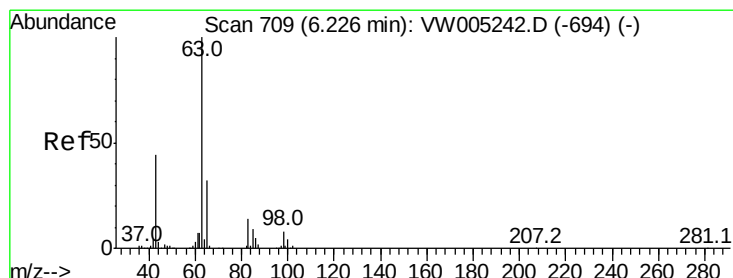
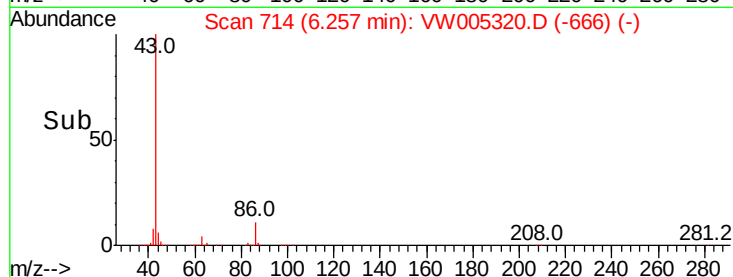
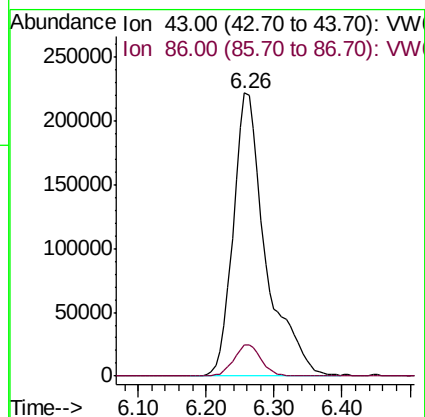
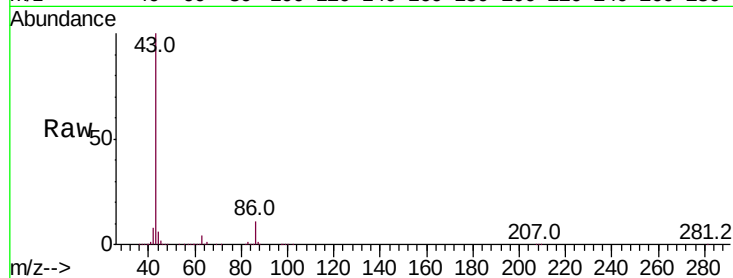
ClientSampled :

Tot Ion: 43 Resp: 735815

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



#24

1,1-Dichloroethane

Concen: 21.895 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

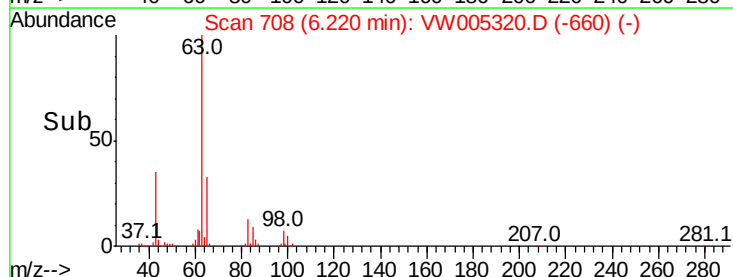
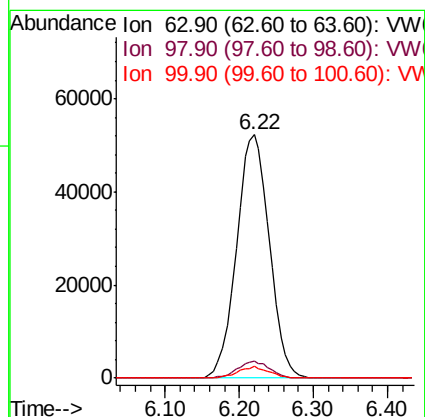
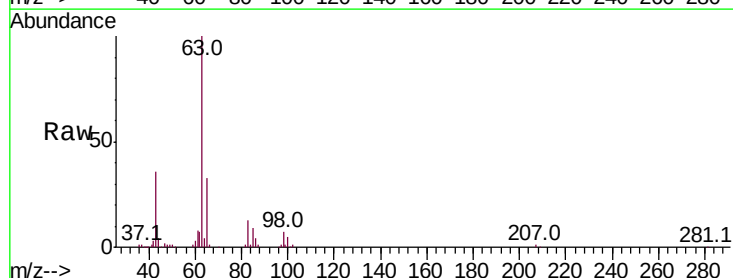
Tgt Ion: 63 Resp: 160890

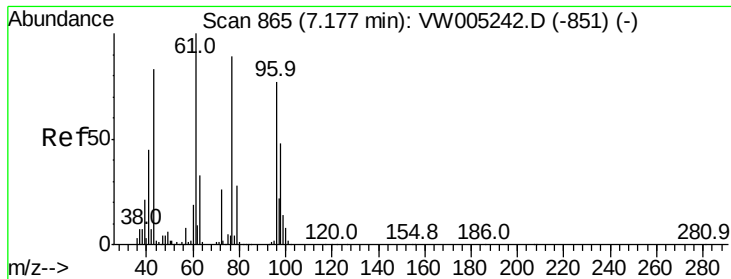
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 115.189 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

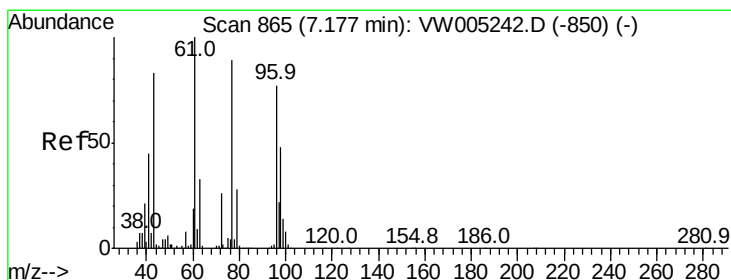
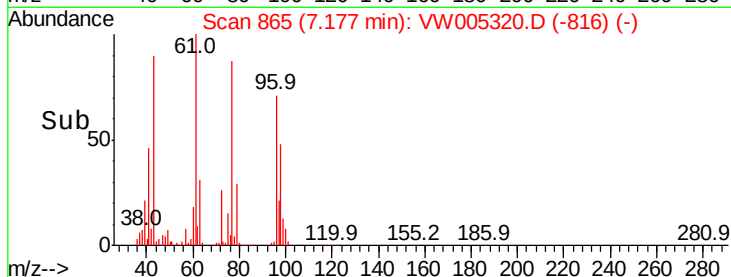
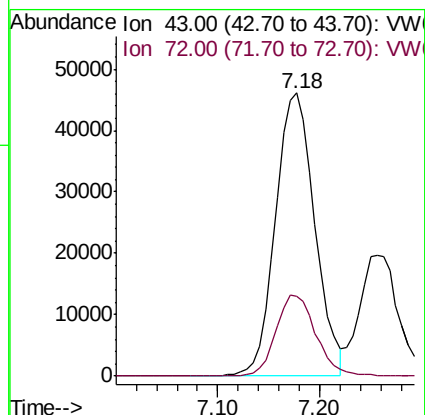
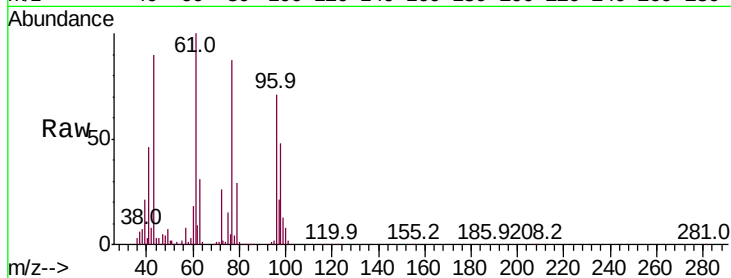
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 123229

Ion Ratio Lower Upper

43 100

72 28.4 25.0 37.6



#26

2,2-Dichloropropane

Concen: 22.070 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005320.D

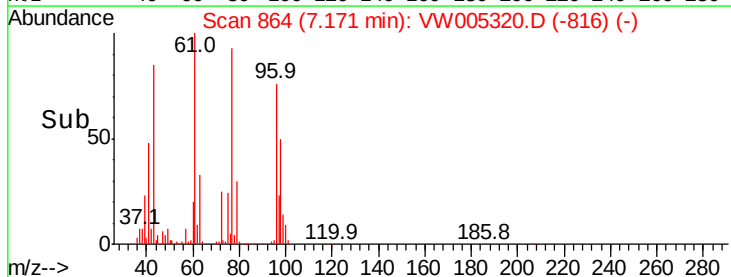
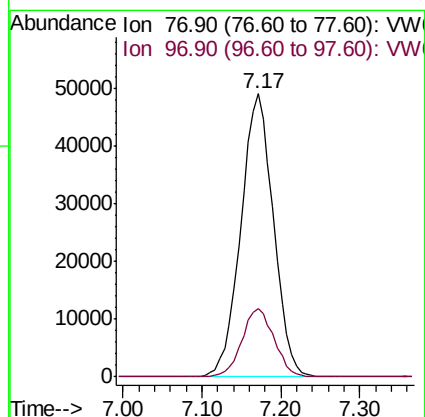
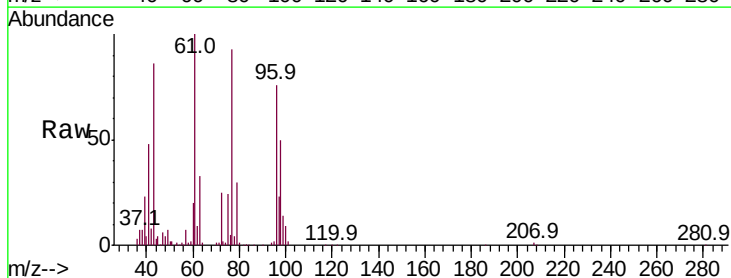
Acq: 12 Sep 2018 12:58

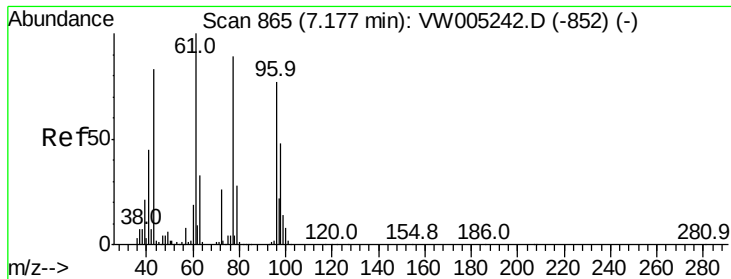
Tgt Ion: 77 Resp: 140603

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6



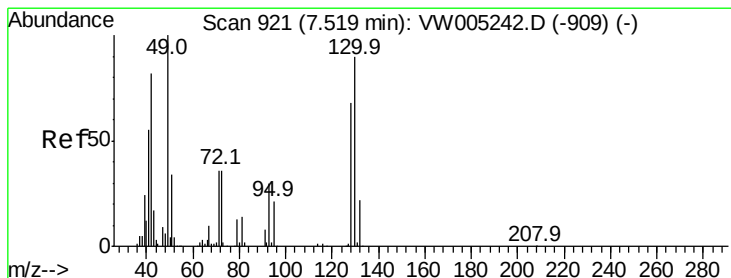
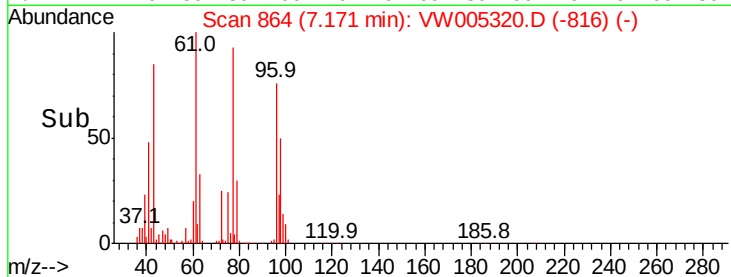
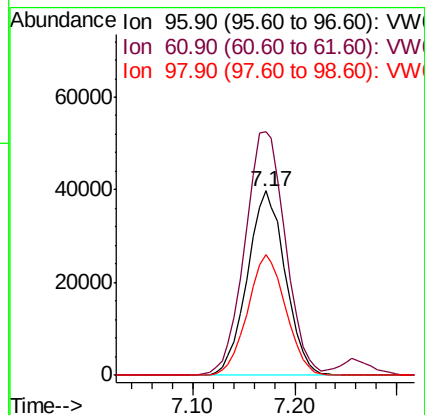
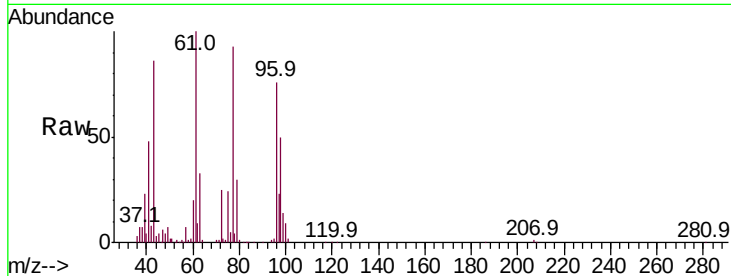


#27

cis-1,2-Dichloroethene
 Concen: 21.361 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :

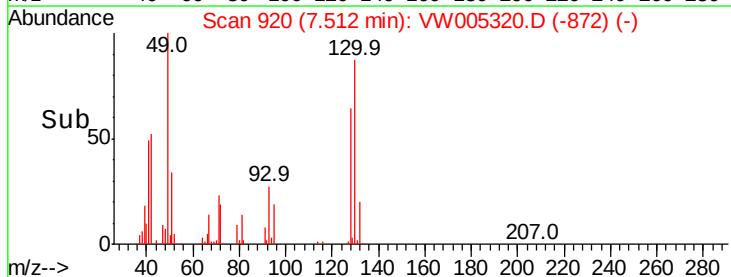
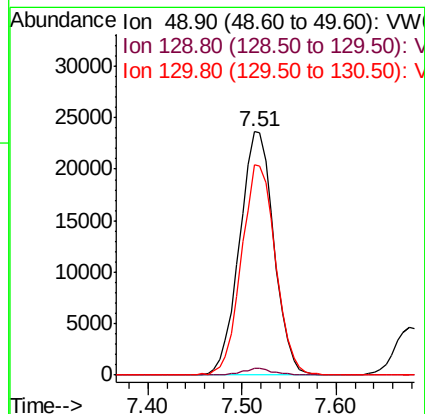
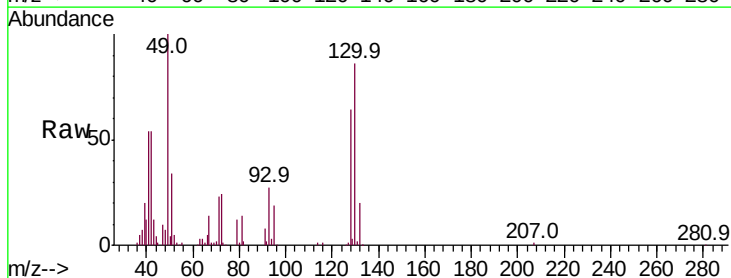
Tot Ion	96	Resp	103004
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	273.4
98	65.7	0.0	127.8

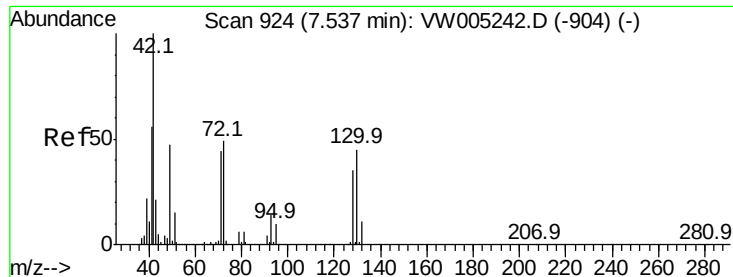


#28

Bromochloromethane
 Concen: 22.213 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	49	Resp	60215
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.0#
130	86.1	71.2	106.8

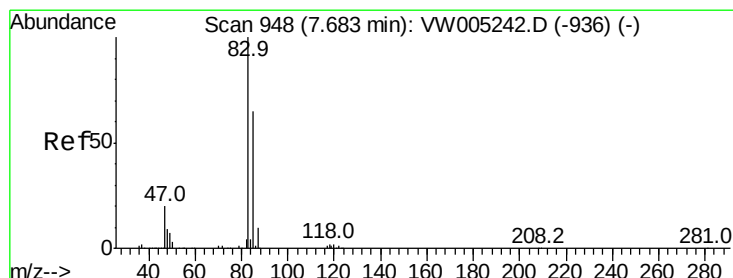
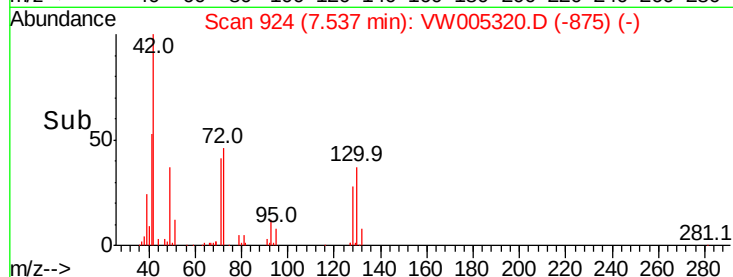
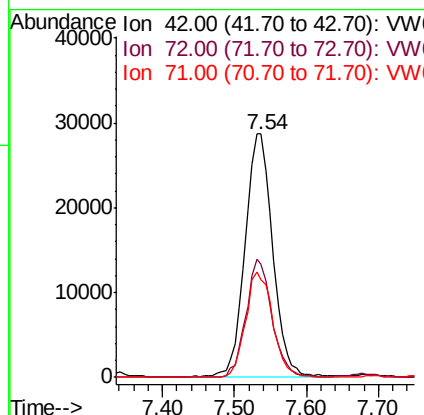
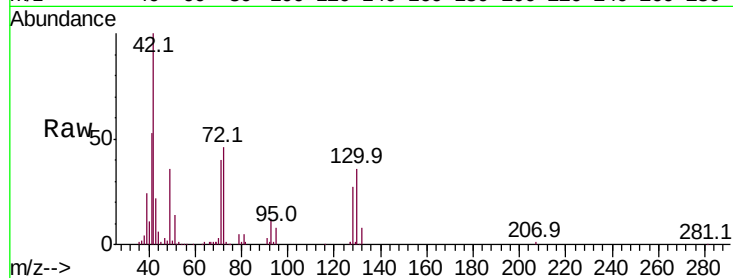




#29
Tetrahydrofuran
Concen: 106.817 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

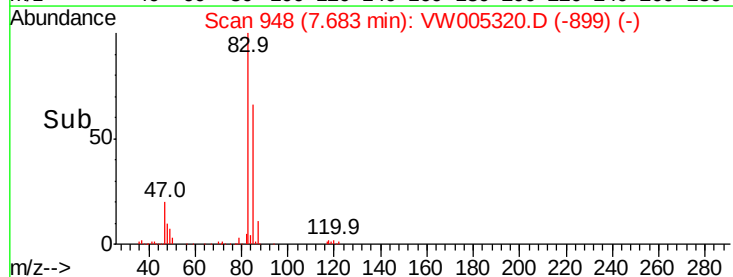
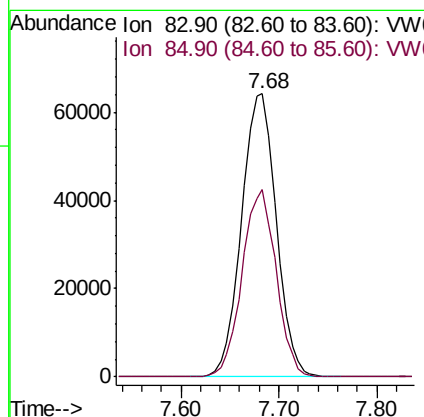
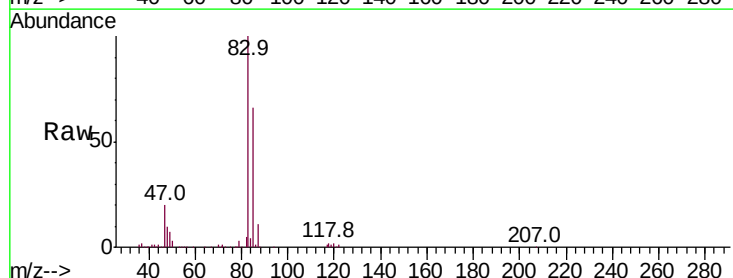
Instrument :
MSVOA_W
ClientSampled :

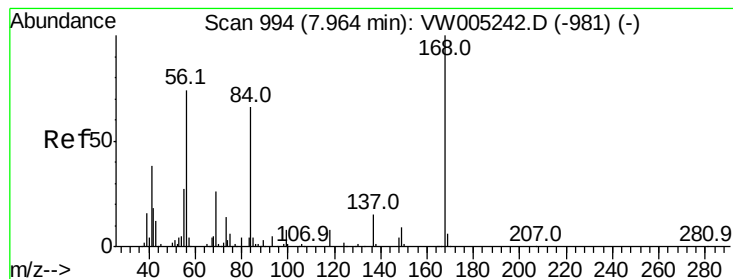
Tot Ion: 42 Resp: 77008
Ion Ratio Lower Upper
42 100
72 45.2 37.5 56.3
71 42.3 34.8 52.2



#30
Chloroform
Concen: 21.445 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 83 Resp: 158139
Ion Ratio Lower Upper
83 100
85 66.4 51.7 77.5





#31

Cyclohexane

Concen: 22.149 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

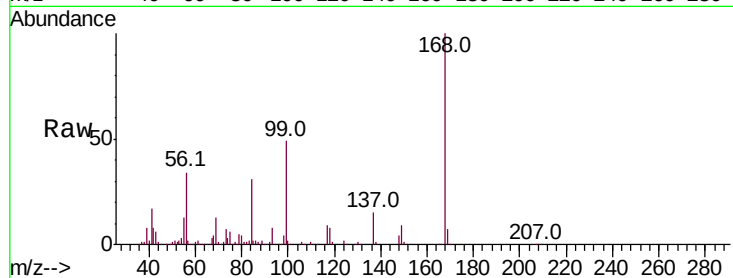
Tot Ion: 56 Resp: 173177

Ion Ratio Lower Upper

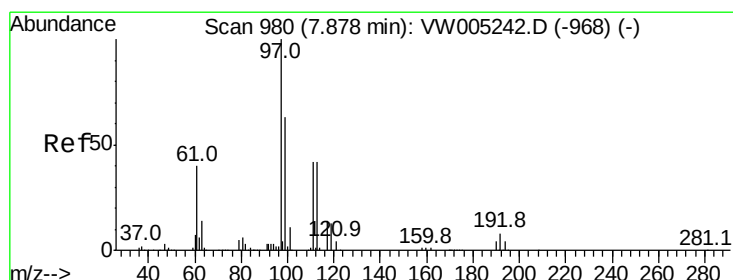
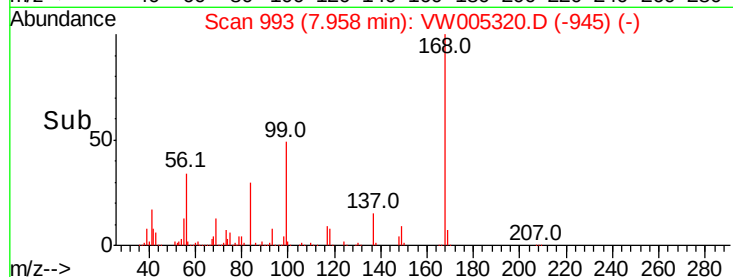
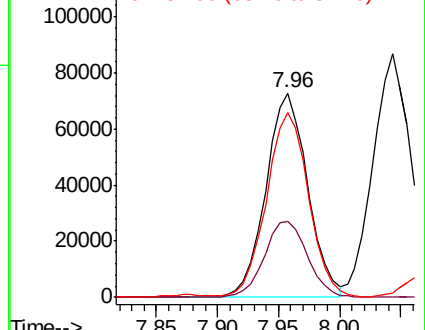
56 100

69 37.0 27.8 41.8

84 89.2 72.1 108.1



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: 21.285 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

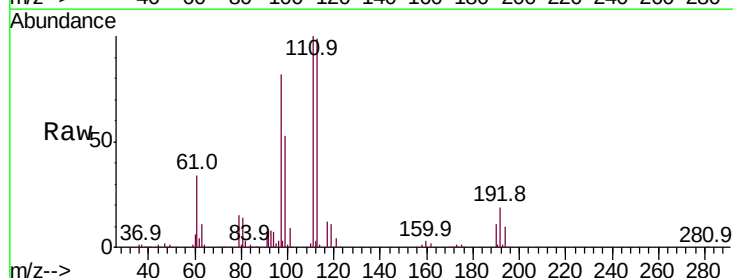
Tgt Ion: 97 Resp: 141798

Ion Ratio Lower Upper

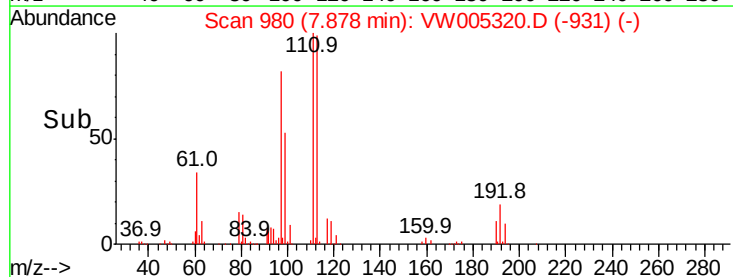
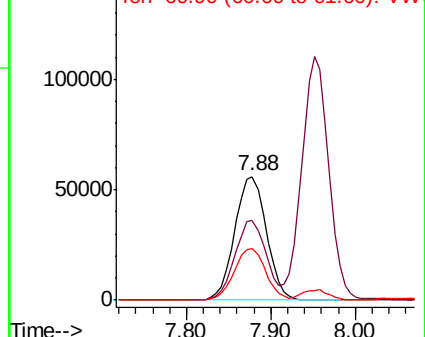
97 100

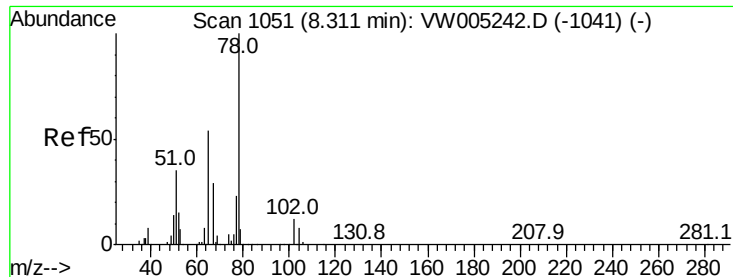
99 63.4 51.5 77.3

61 41.5 32.5 48.7



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

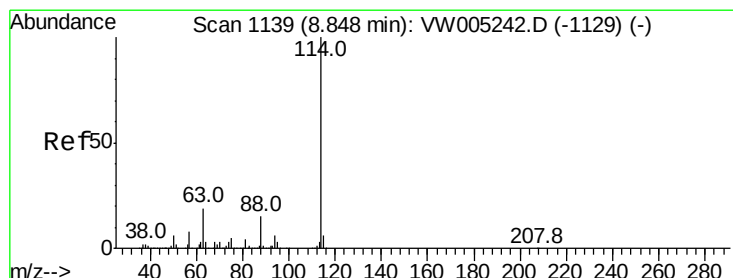
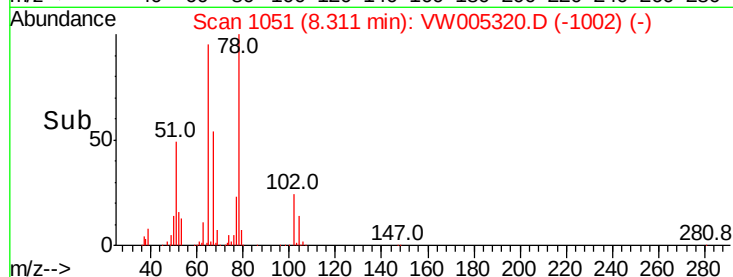
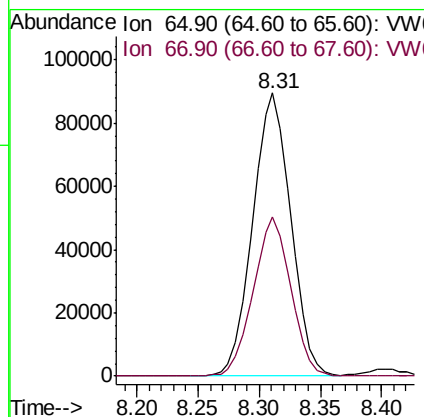
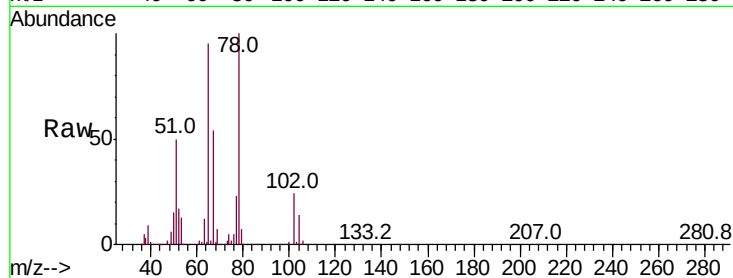




#33
 1,2-Dichloroethane-d4
 Concen: 53.042 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

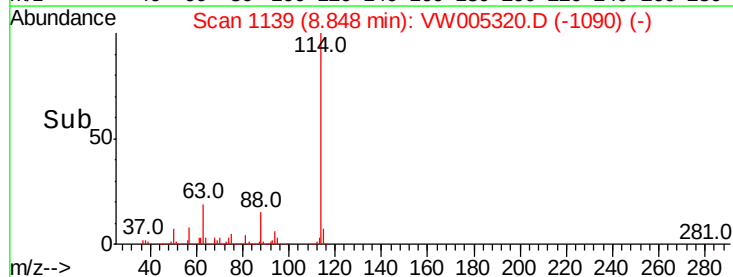
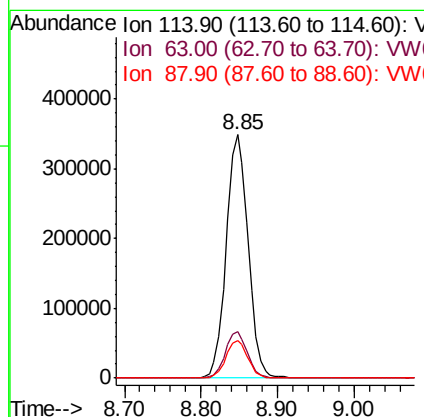
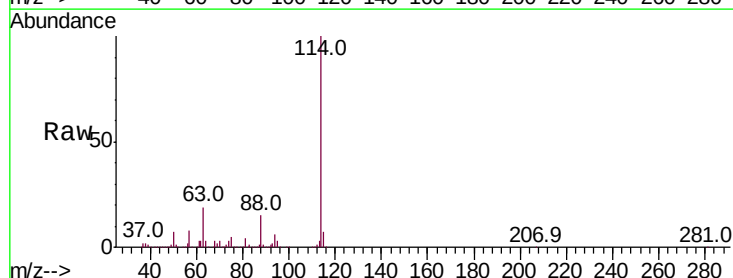
Instrument :
 MSVOA_W
 ClientSampled :

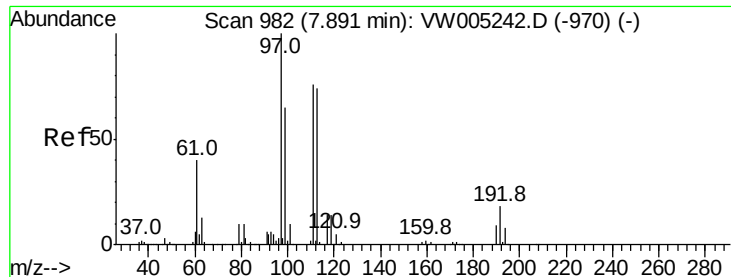
Tot Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.0
88	15.3	0.0	30.4

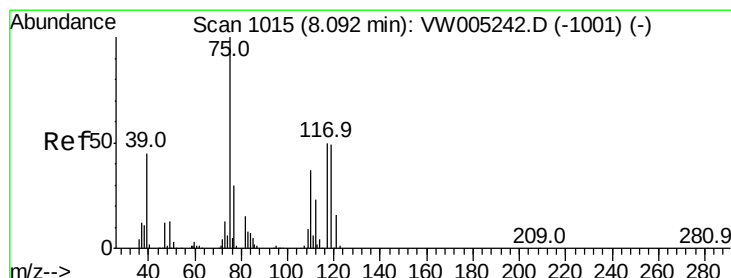
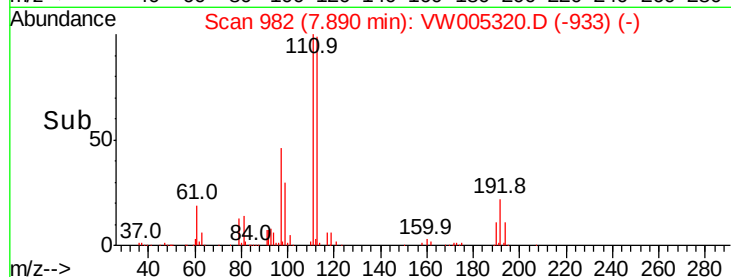
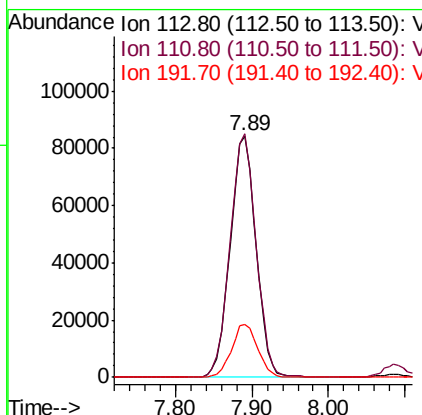
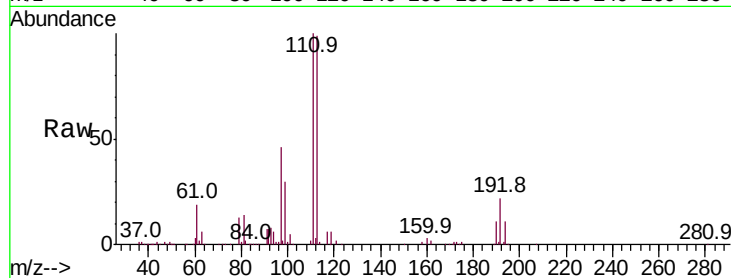




#35
 Dibromofluoromethane
 Concen: 54.618 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

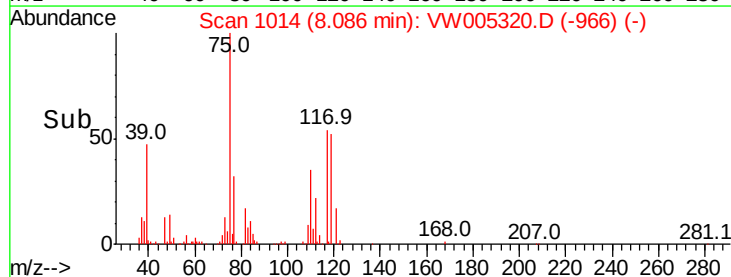
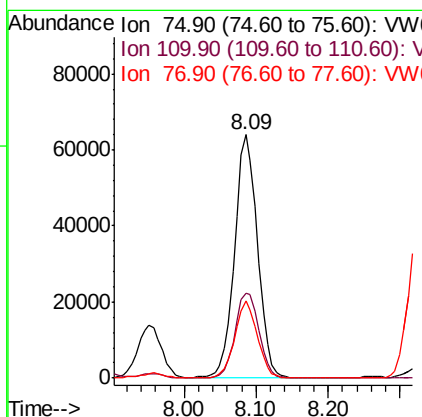
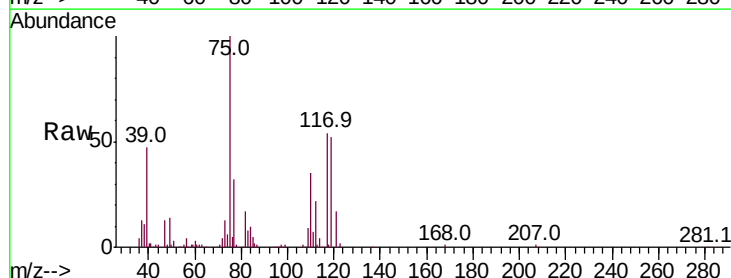
Instrument :
 MSVOA_W
 ClientSampled :

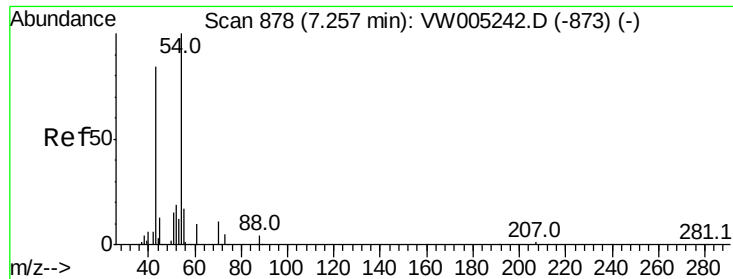
Tot Ion:113 Resp: 197190
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.6 121.0
 192 22.0 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 22.332 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion: 75 Resp: 141013
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.8 56.4
 77 31.4 24.9 37.3

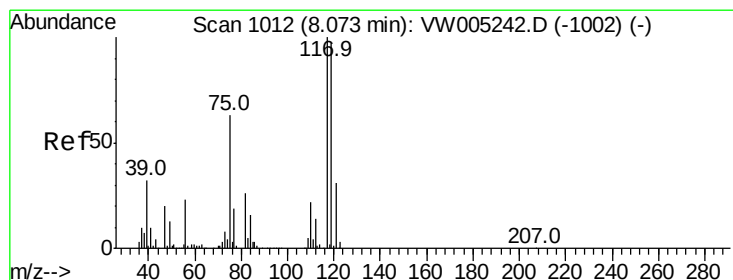
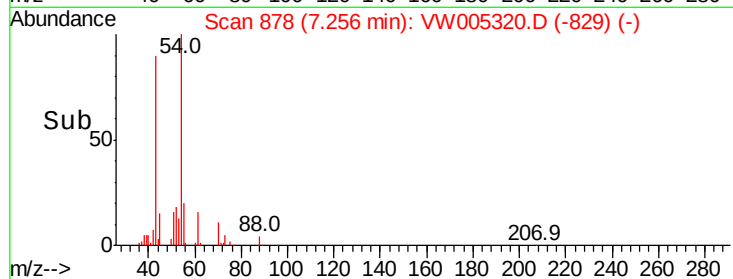
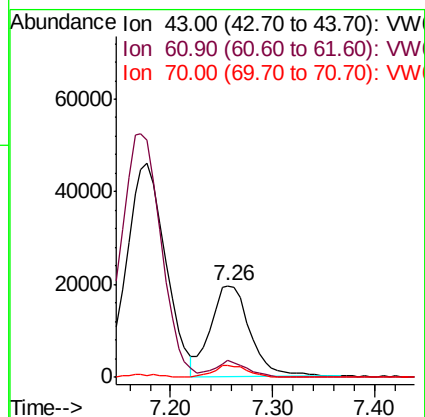
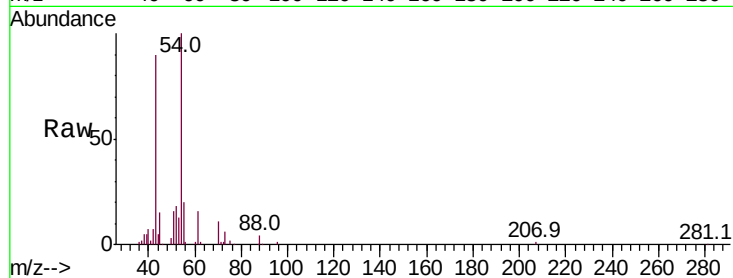




#37
Ethyl Acetate
Concen: 22.077 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

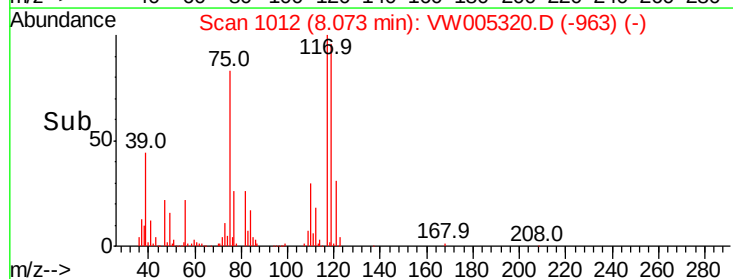
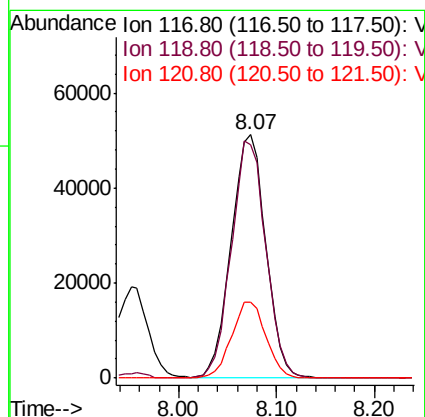
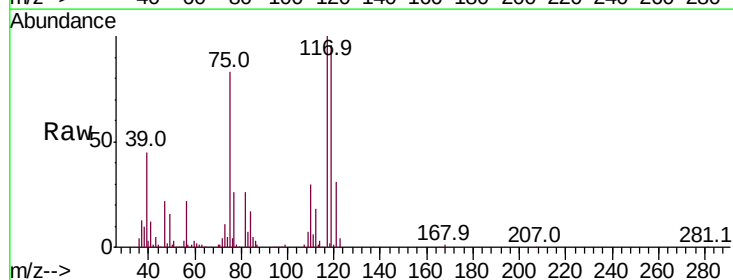
Instrument :
MSVOA_W
ClientSampleId :

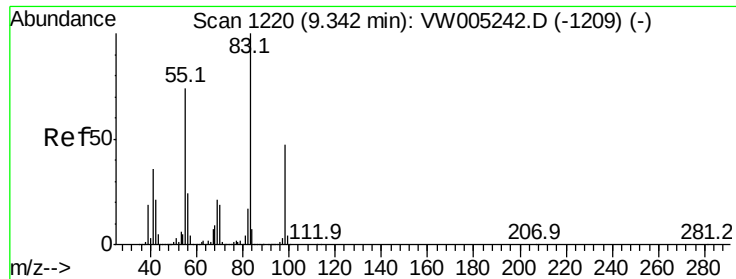
Tot Ion: 43 Resp: 53023
Ion Ratio Lower Upper
43 100
61 16.0 12.3 18.5
70 11.8 9.5 14.3



#38
Carbon Tetrachloride
Concen: 21.329 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 117 Resp: 126161
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
121 31.2 24.7 37.1

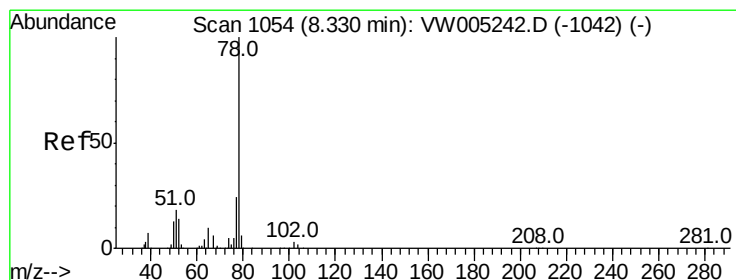
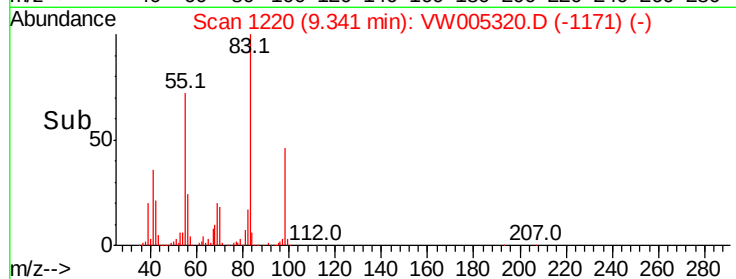
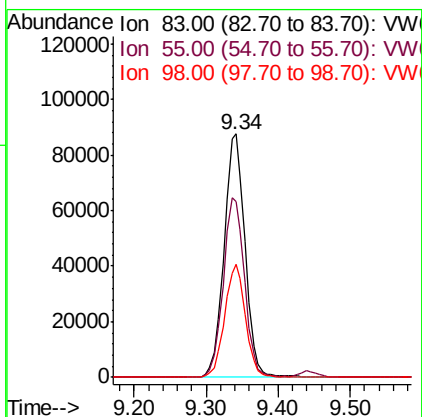
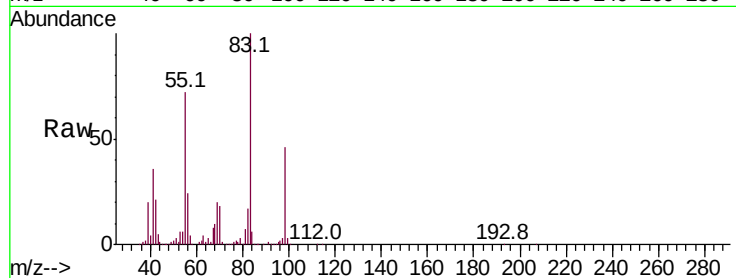




#39
Methylvlcyclohexane
Concen: 21.297 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

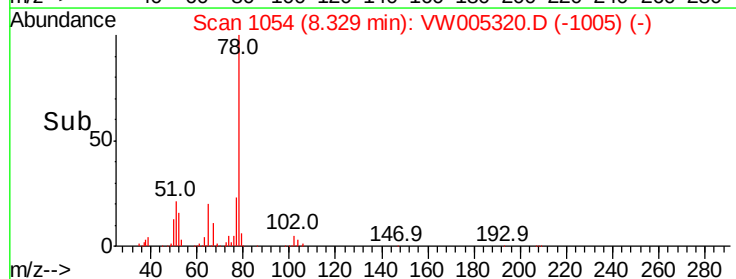
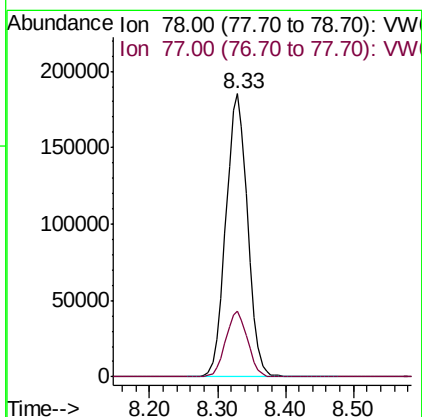
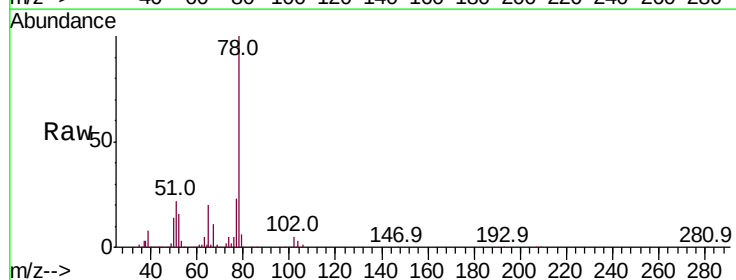
Instrument :
MSVOA_W
ClientSampled :

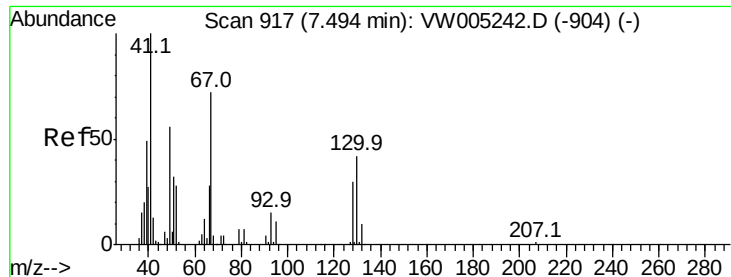
Tot Ion	83	Resp	178548
Ion Ratio	100	Lower	Upper
55	72.3	58.9	88.3
98	46.4	37.6	56.4



#40
Benzene
Concen: 21.963 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	78	Resp	408578
Ion Ratio	100	Lower	Upper
77	23.1	18.9	28.3

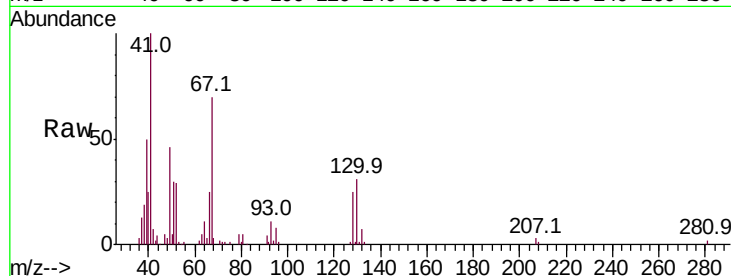




#41
Methacrylonitrile
Concen: 21.233 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	26163
Ion	Ratio	Lower	Upper
41	100		
39	63.5	39.9	59.9#
67	91.4	65.7	98.5
52	36.6	25.1	37.7



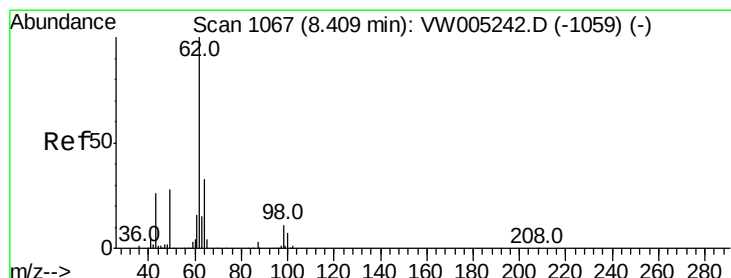
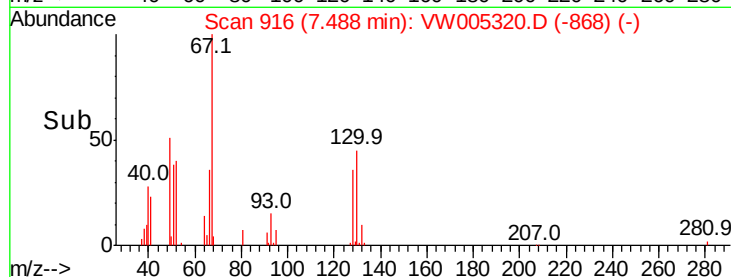
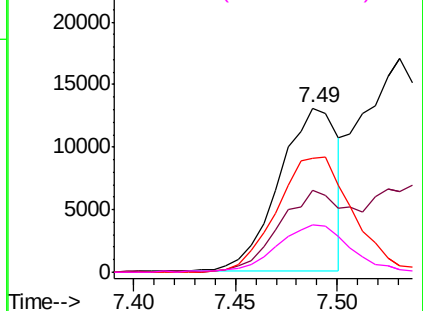
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

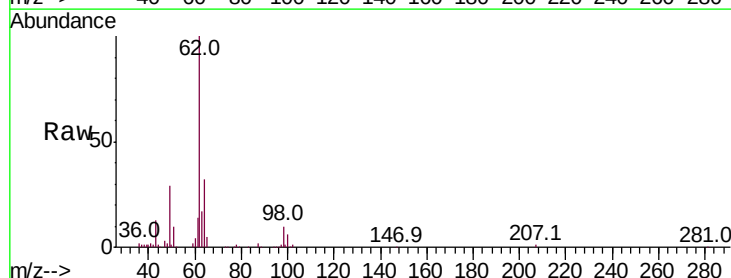
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 21.758 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

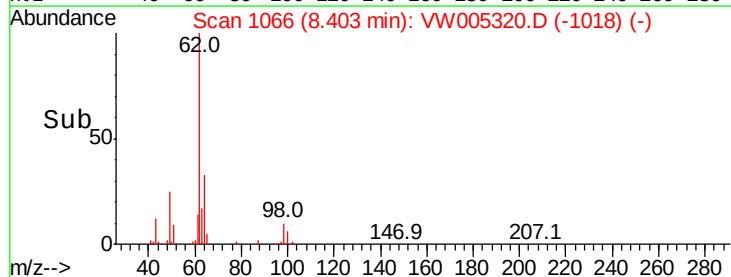
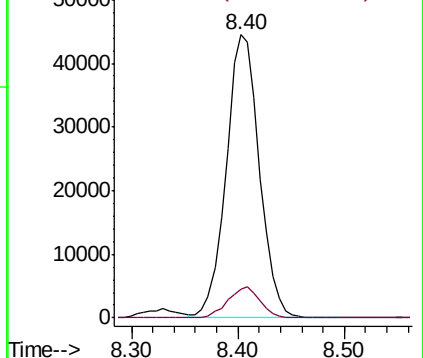
Tgt Ion:	62	Resp:	96834
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0

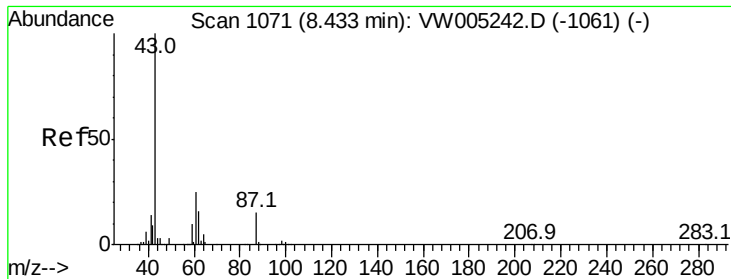


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.758 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

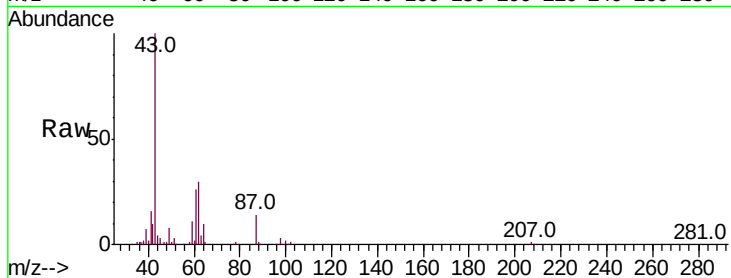
Tot Ion: 43 Resp: 97043

Ion Ratio Lower Upper

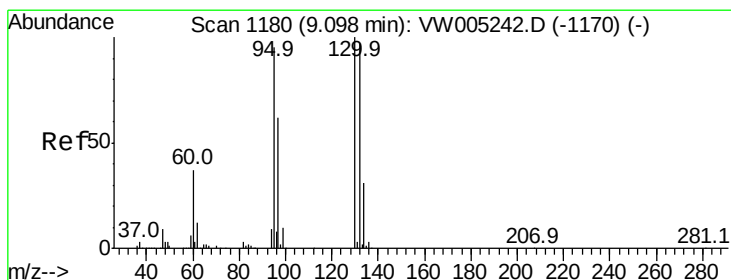
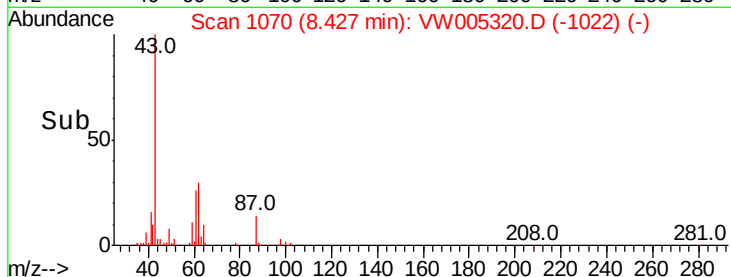
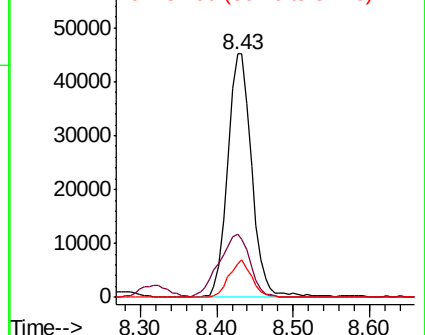
43 100

61 33.6 25.4 38.0

87 14.8 11.9 17.9



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: 21.768 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005320.D

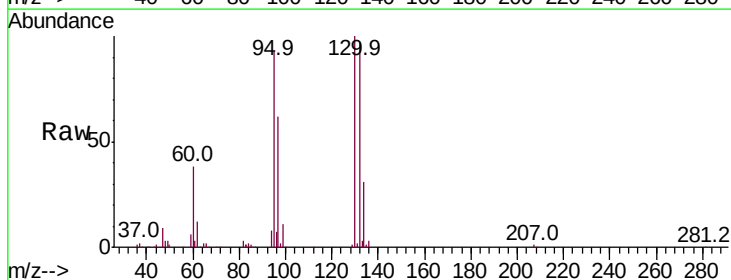
Acq: 12 Sep 2018 12:58

Tgt Ion:130 Resp: 111090

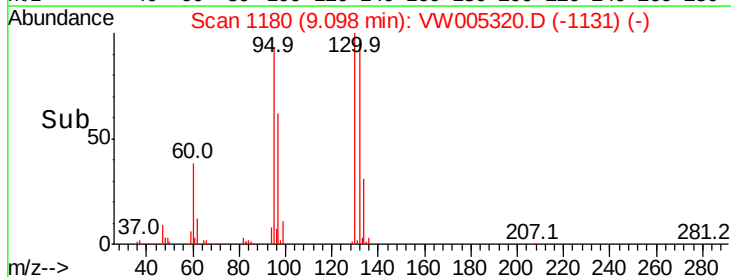
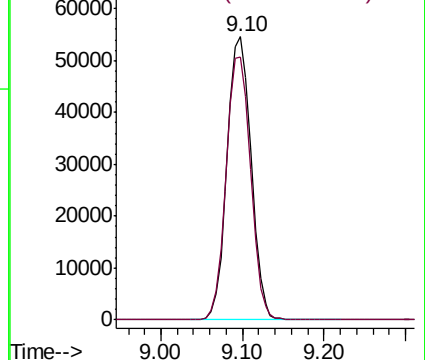
Ion Ratio Lower Upper

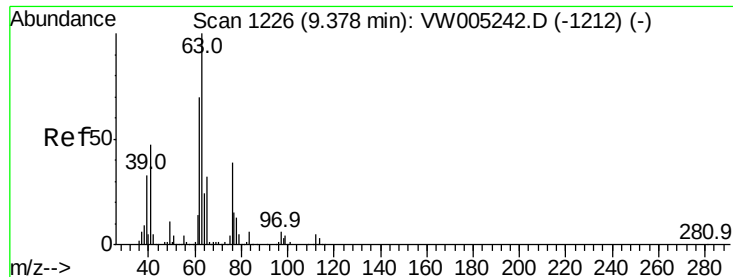
130 100

95 92.8 0.0 189.6



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

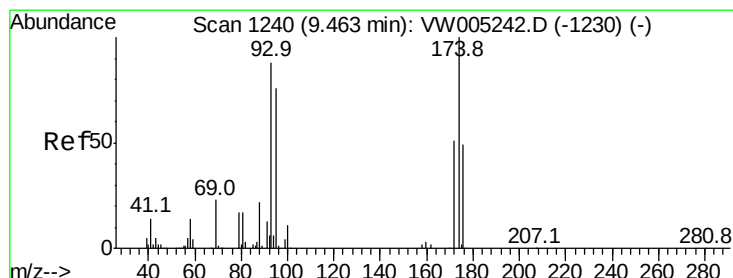
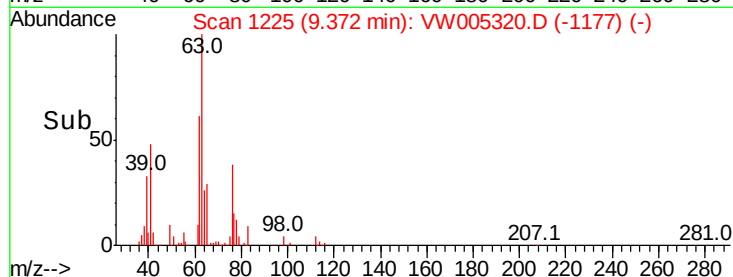
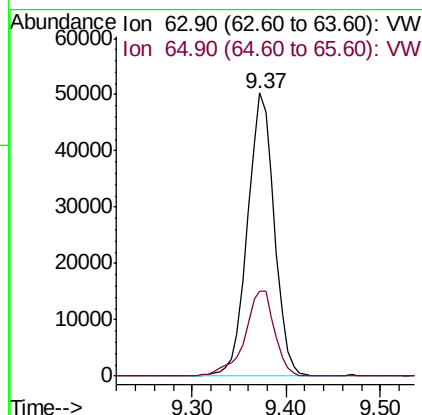
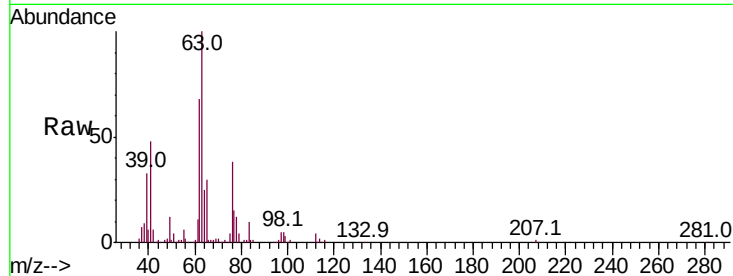




#45
1,2-Dichloropropane
Concen: 22.431 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

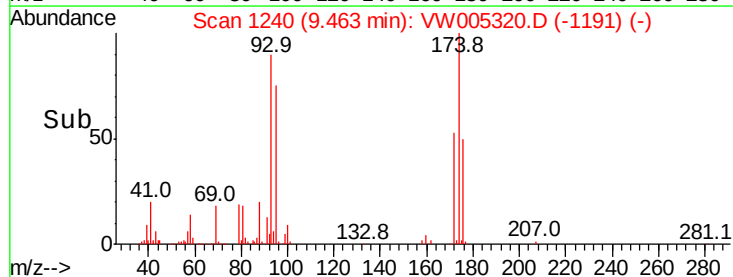
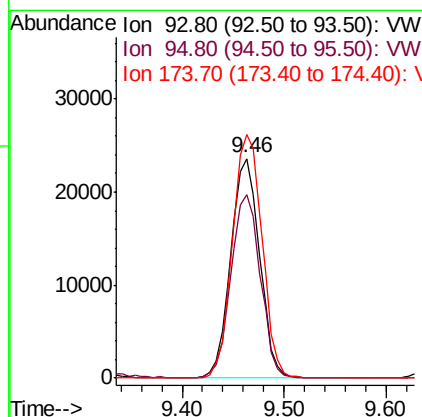
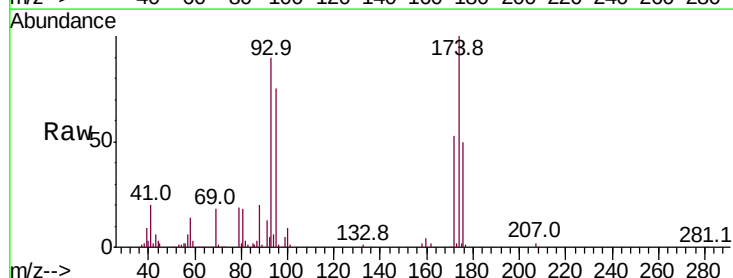
Instrument :
MSVOA_W
ClientSampled :

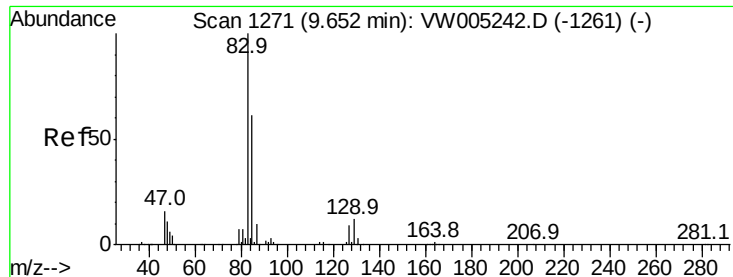
Tot Ion: 63 Resp: 100298
Ion Ratio Lower Upper
63 100
65 29.9 25.4 38.2



#46
Dibromomethane
Concen: 21.092 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 93 Resp: 46165
Ion Ratio Lower Upper
93 100
95 84.6 67.0 100.4
174 113.2 92.2 138.2





#47

Bromodichloromethane

Concen: 21.532 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

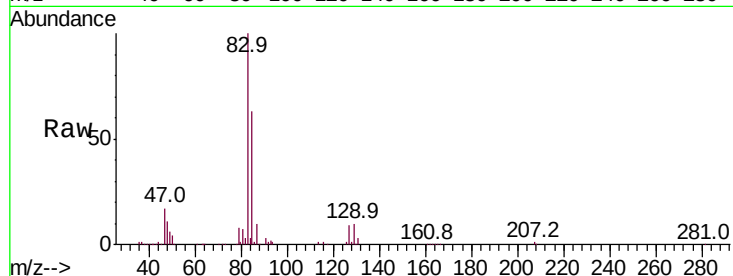
Tot Ion: 83 Resp: 115284

Ion Ratio Lower Upper

83 100

85 63.3 49.0 73.6

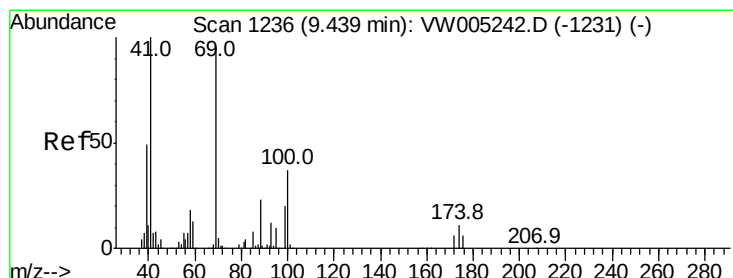
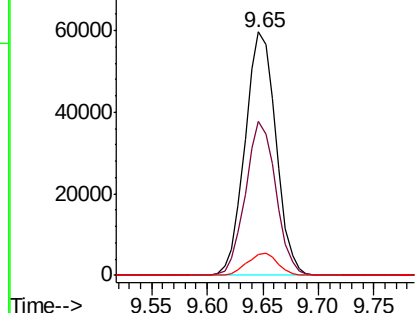
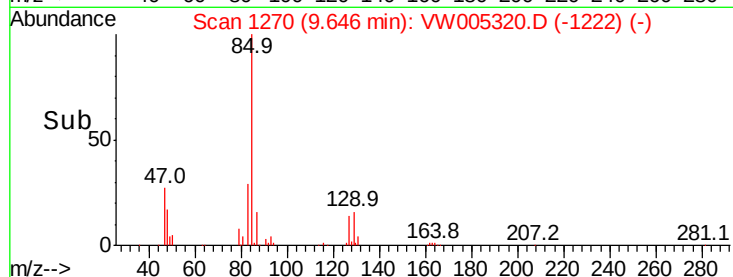
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.949 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

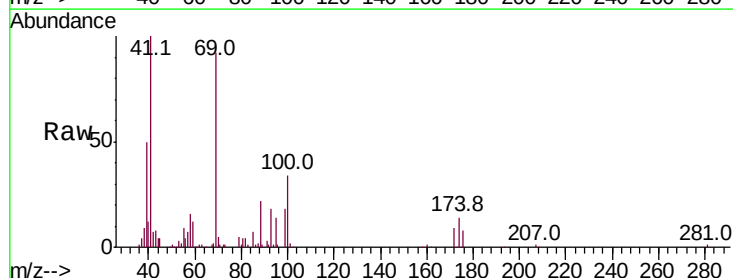
Tgt Ion: 41 Resp: 46197

Ion Ratio Lower Upper

41 100

69 101.5 74.6 112.0

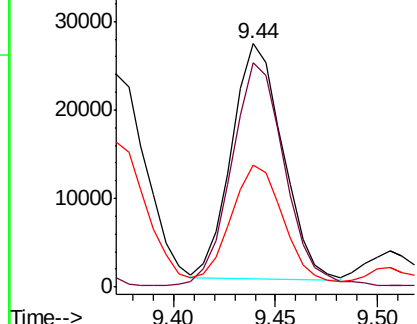
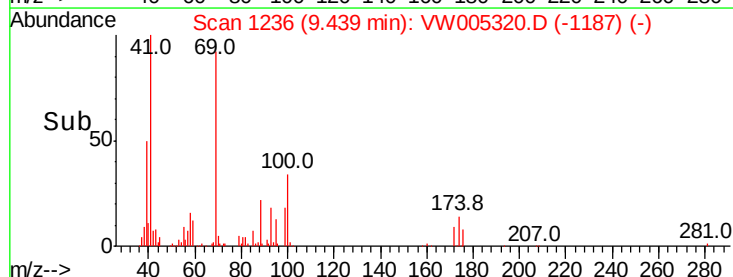
39 49.2 36.7 55.1

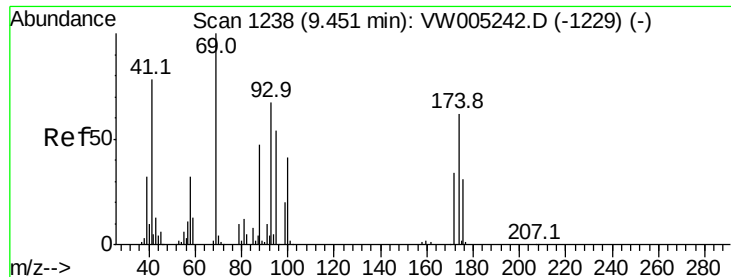


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

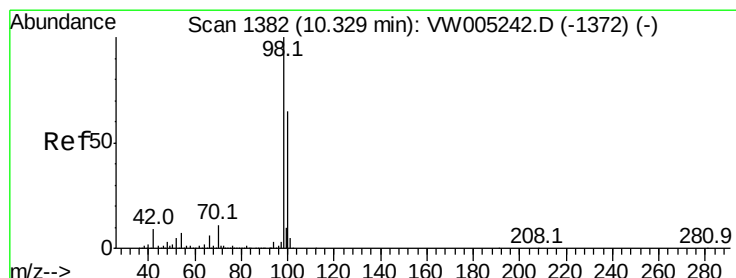
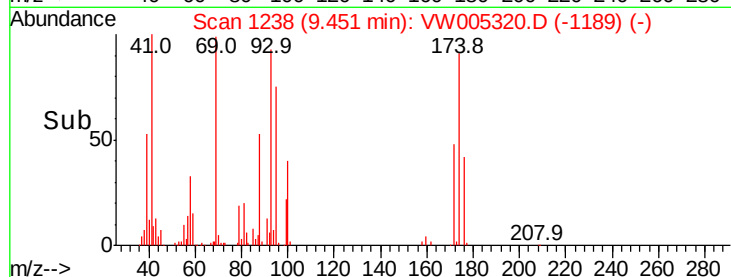
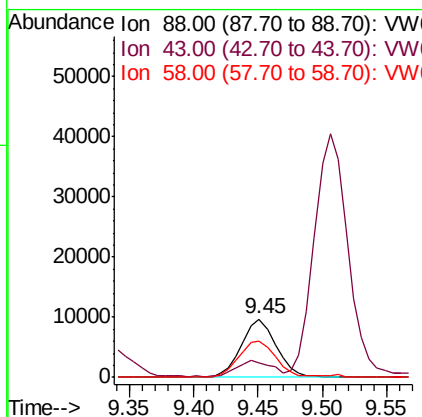
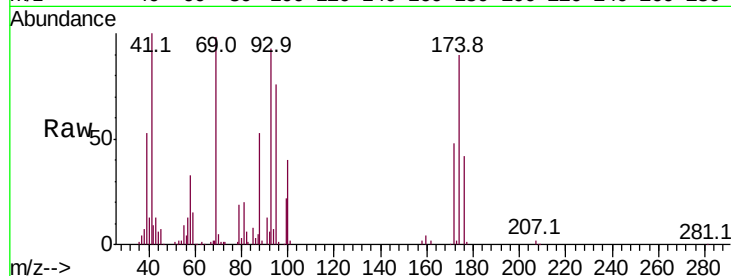




#49
1,4-Dioxane
Concen: 443.229 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

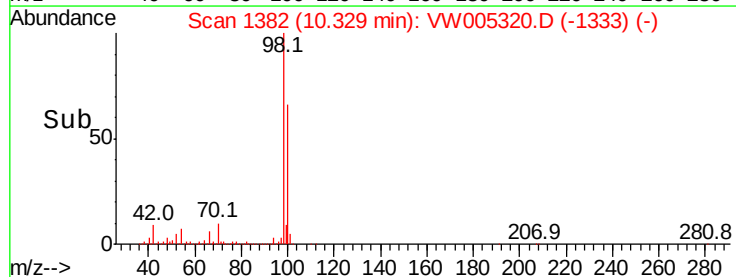
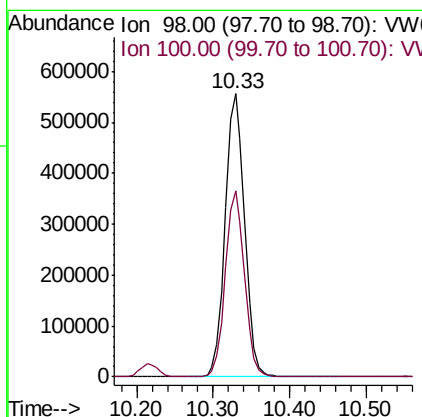
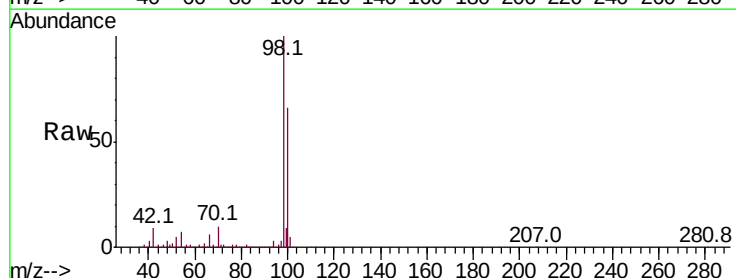
Instrument :
MSVOA_W
ClientSampleId :

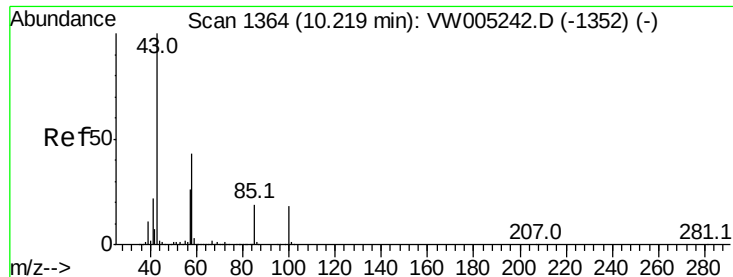
Tot Ion: 88 Resp: 18112
Ion Ratio Lower Upper
88 100
43 27.4 22.7 34.1
58 67.0 56.6 85.0



#50
Toluene-d8
Concen: 53.359 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion: 98 Resp: 973466
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 105.770 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

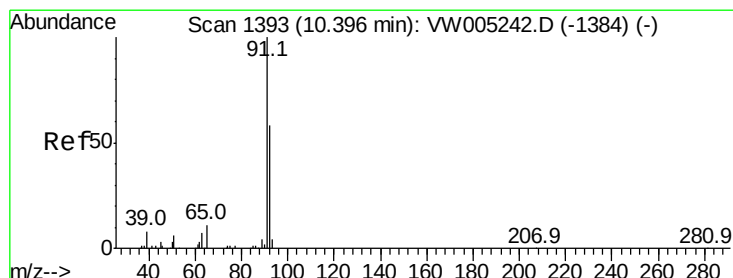
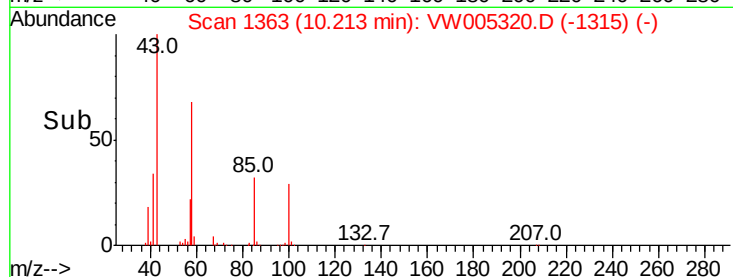
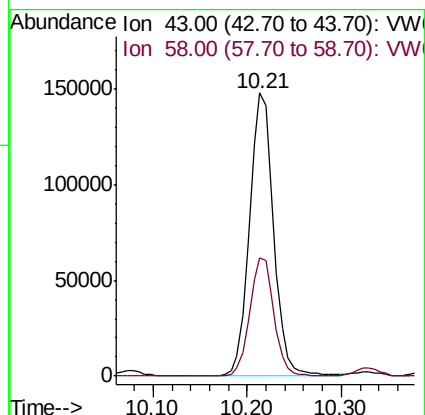
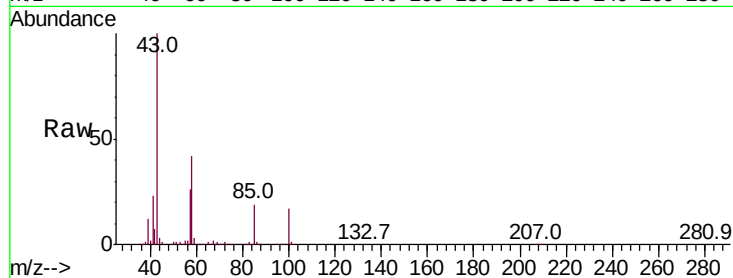
ClientSampleId :

Tot Ion: 43 Resp: 265468

Ion Ratio Lower Upper

43 100

58 41.9 33.8 50.6



#52

Toluene

Concen: 21.467 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005320.D

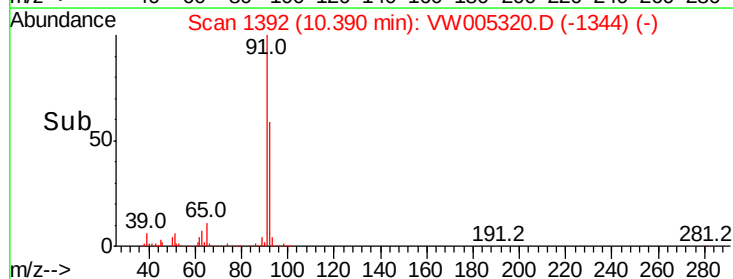
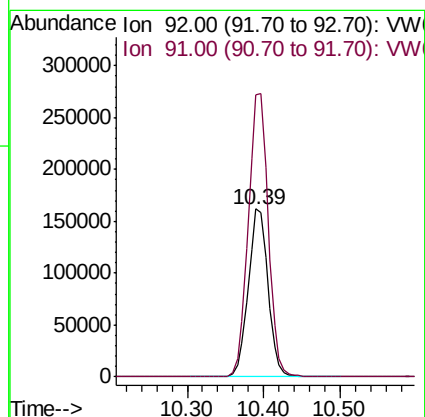
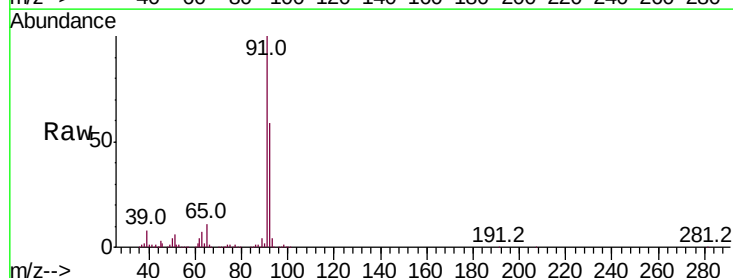
Acq: 12 Sep 2018 12:58

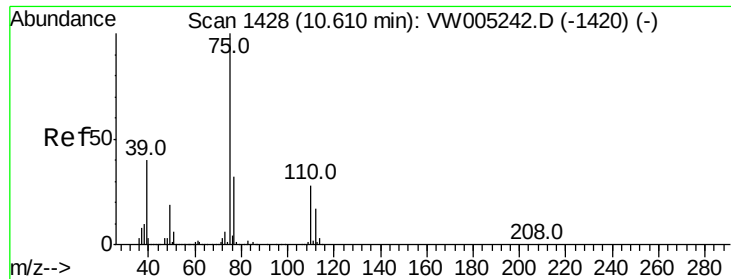
Tgt Ion: 92 Resp: 290235

Ion Ratio Lower Upper

92 100

91 170.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.873 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

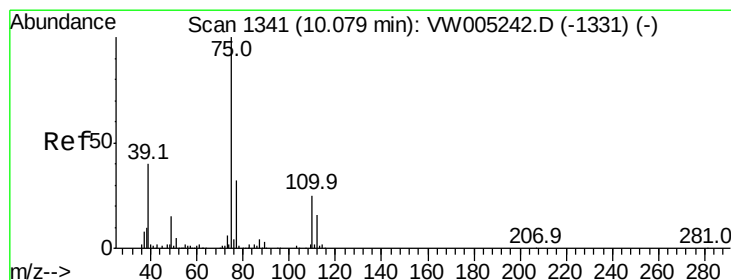
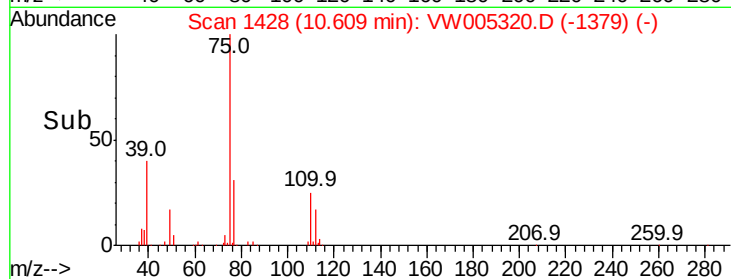
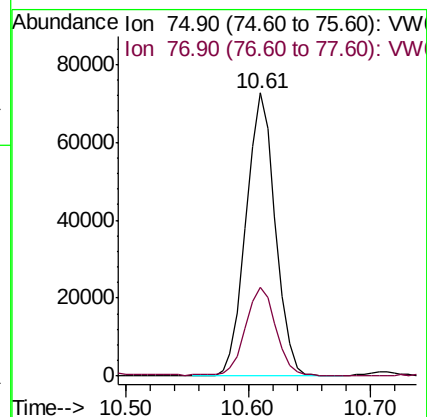
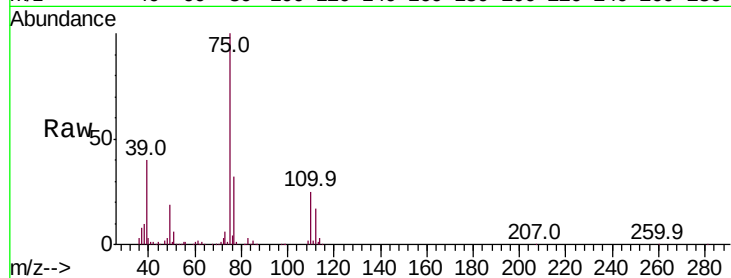
ClientSampleId :

Tot Ion: 75 Resp: 120774

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 21.301 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

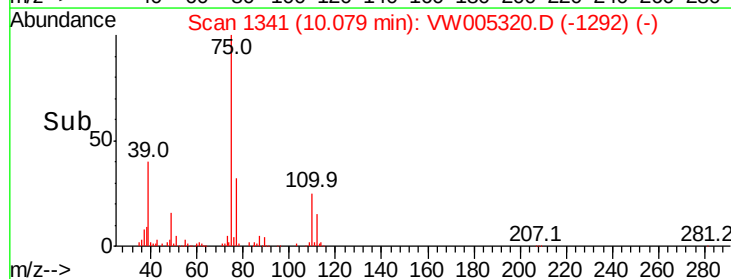
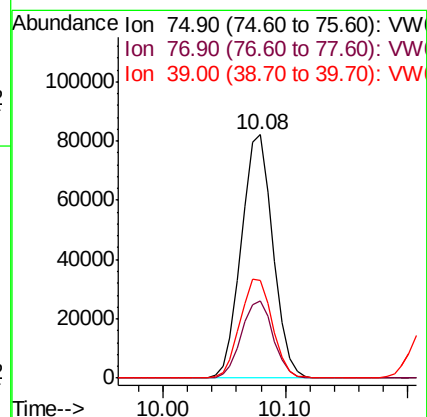
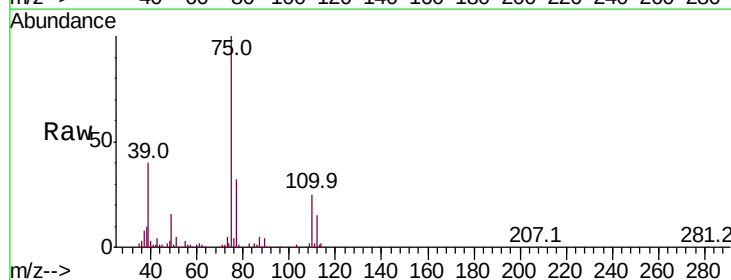
Tgt Ion: 75 Resp: 147599

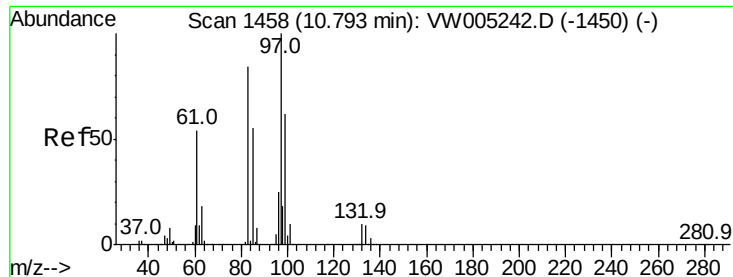
Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 40.0 31.8 47.6

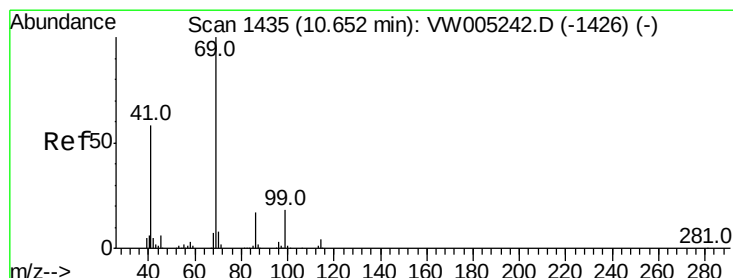
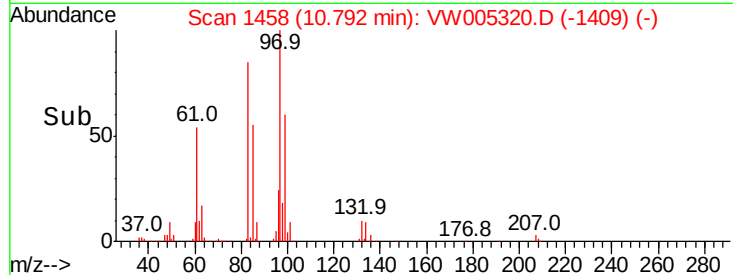
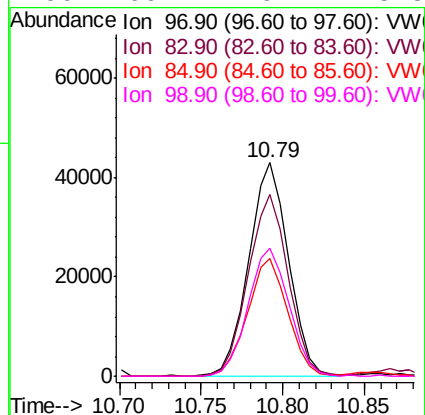
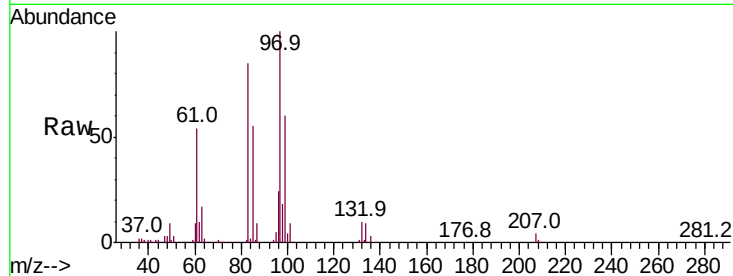




#55
 1,1,2-Trichloroethane
 Concen: 21.031 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

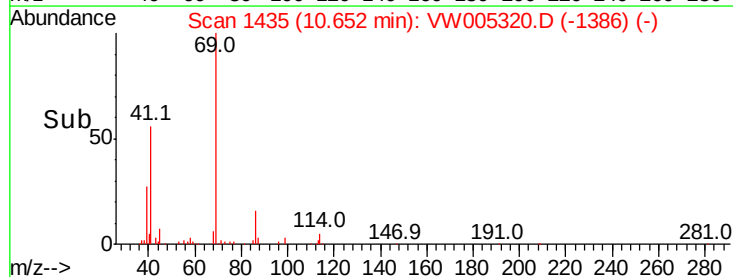
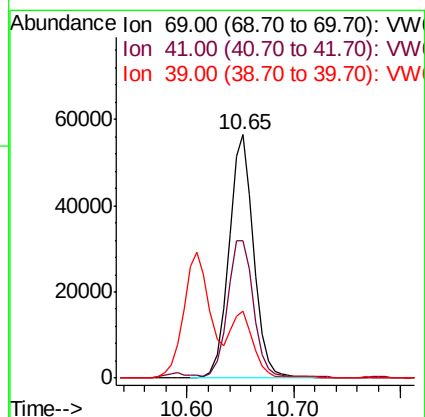
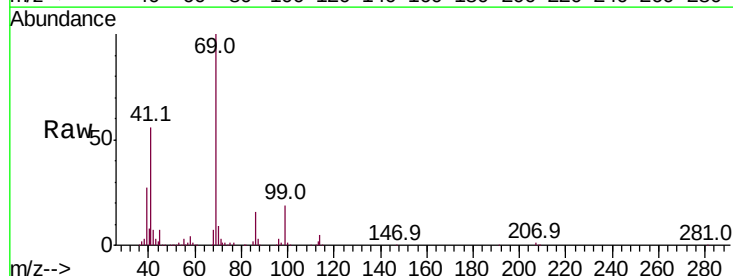
Instrument :
 MSVOA_W
 ClientSampleId :

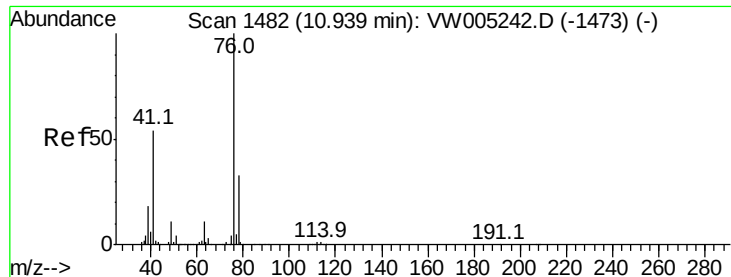
Tot Ion:	97	Resp:	73394
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.2	100.8
85	55.0	44.4	66.6
99	60.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 20.671 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion:	69	Resp:	91452
Ion	Ratio	Lower	Upper
69	100		
41	59.9	48.7	73.1
39	24.7	20.9	31.3





#57

1,3-Dichloropropane

Concen: 21.178 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

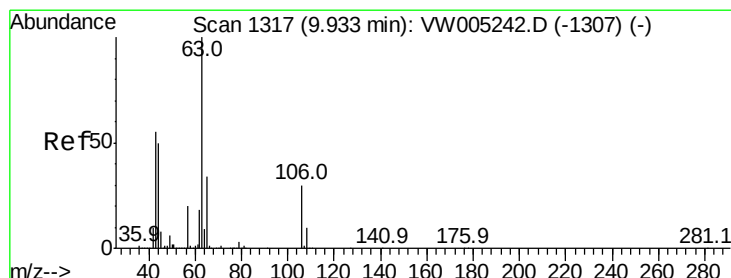
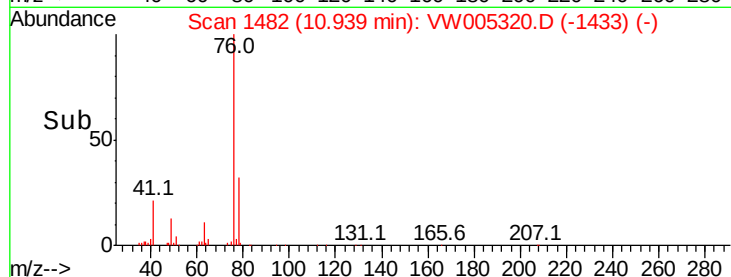
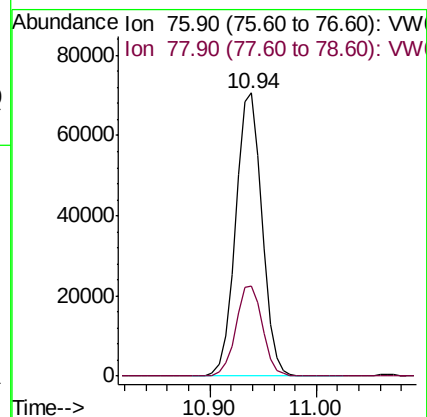
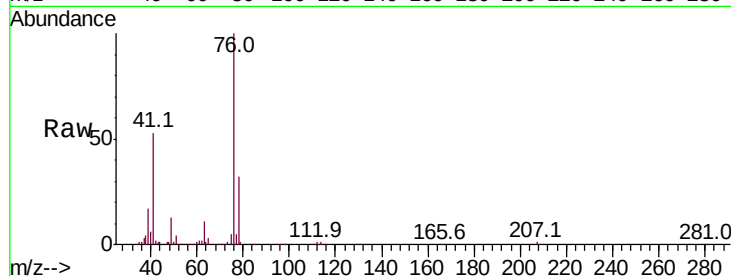
ClientSampleId :

Tot Ion: 76 Resp: 122721

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 109.600 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005320.D

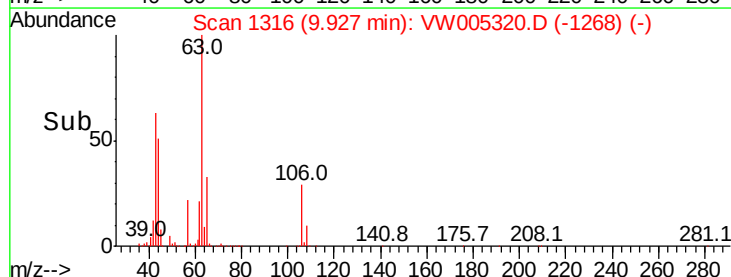
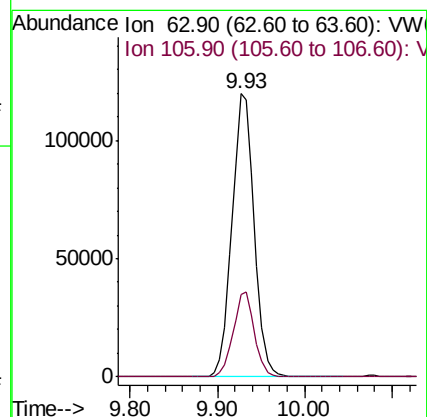
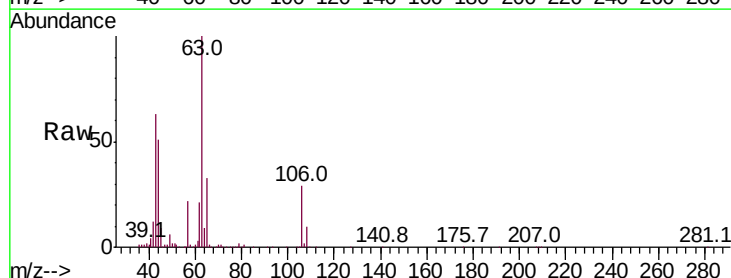
Acq: 12 Sep 2018 12:58

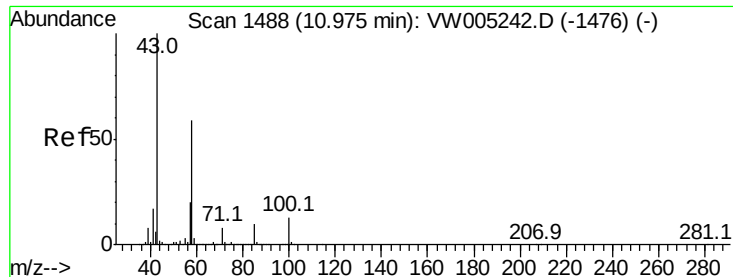
Tgt Ion: 63 Resp: 210754

Ion Ratio Lower Upper

63 100

106 28.7 23.4 35.0

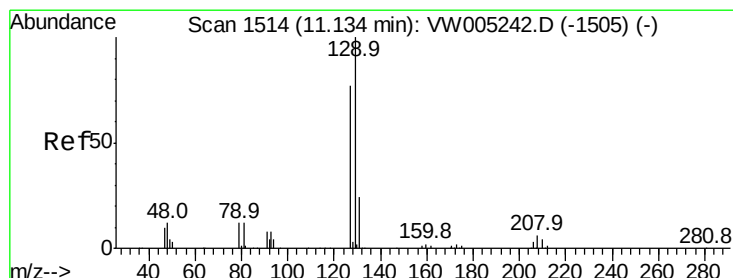
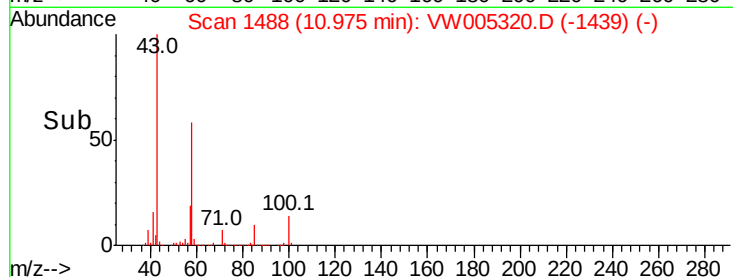
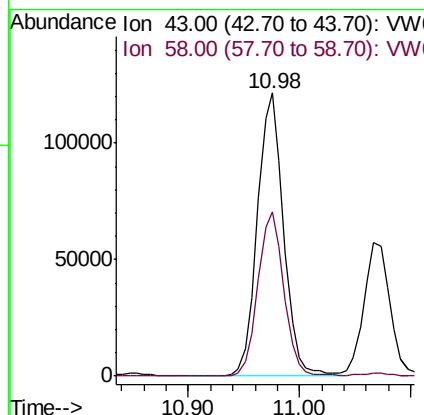
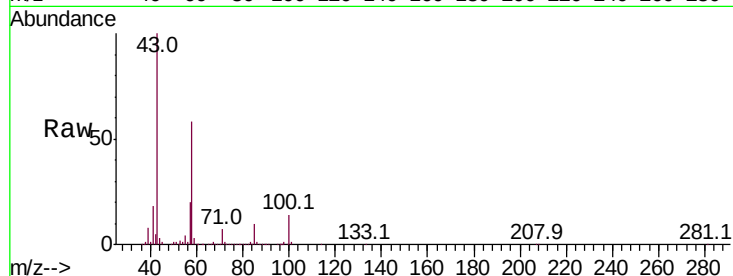




#59
 2-Hexanone
 Concen: 110.291 ug/l
 RT: 10.98 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

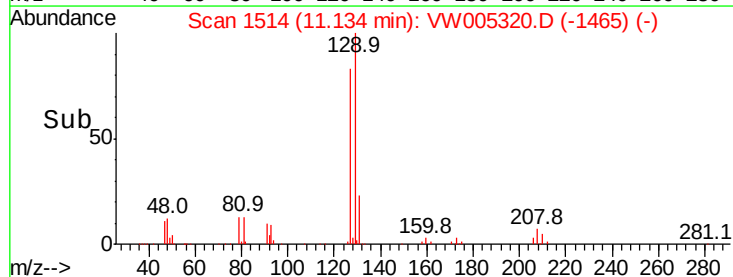
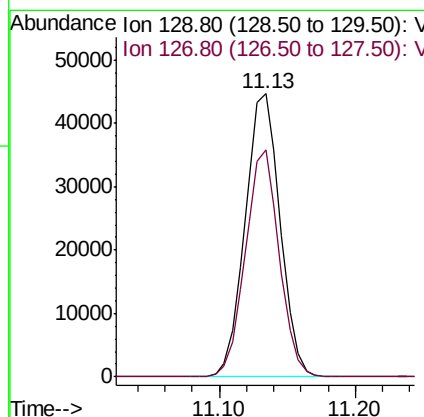
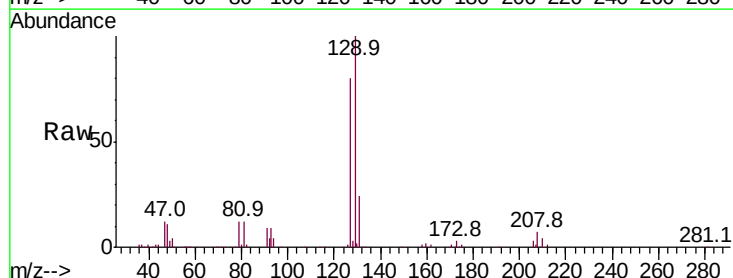
Instrument :
 MSVOA_W
 ClientSampleId :

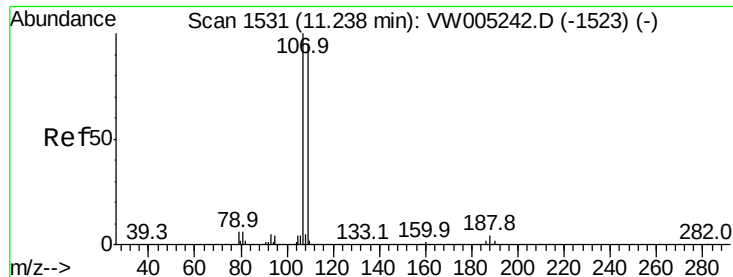
Tot Ion: 43 Resp: 199562
 Ion Ratio Lower Upper
 43 100
 58 57.6 29.3 87.9



#60
 Dibromochloromethane
 Concen: 20.768 ug/l
 RT: 11.13 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion: 129 Resp: 80419
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.0 117.0

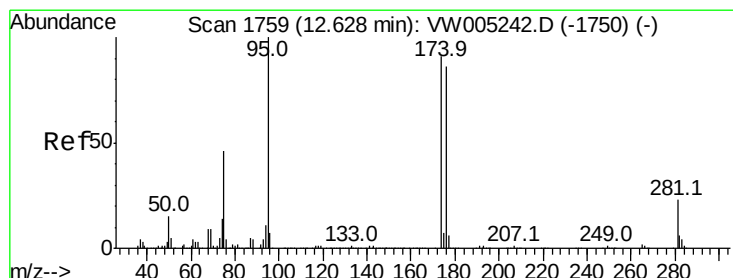
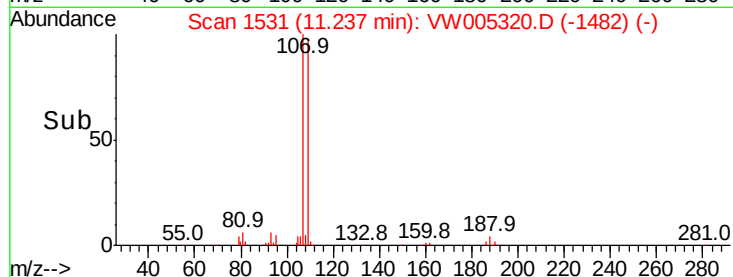
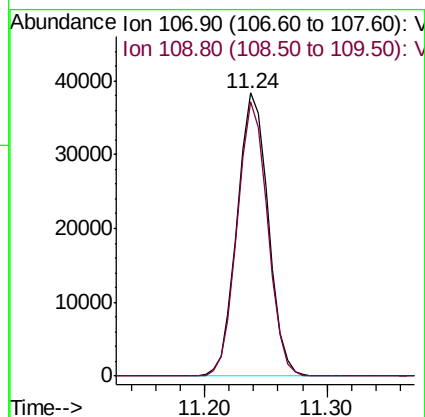
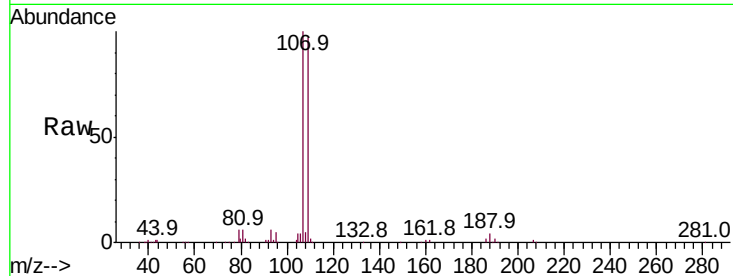




#61
 1,2-Dibromoethane
 Concen: 21.047 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

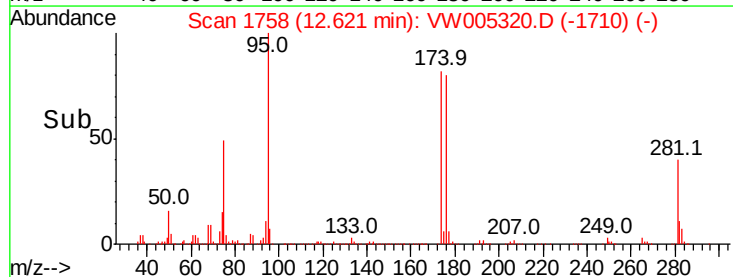
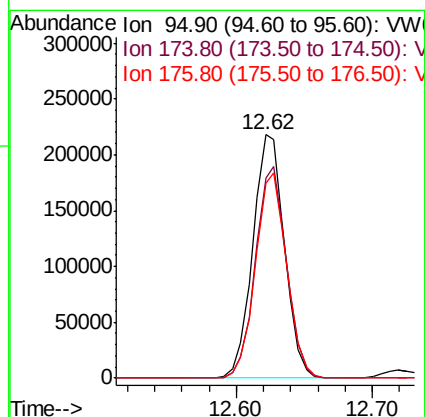
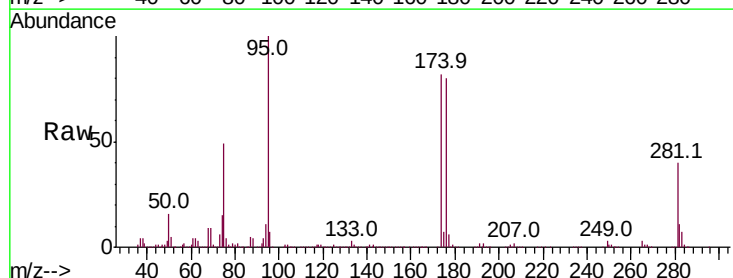
Instrument :
 MSVOA_W
 ClientSampleId :

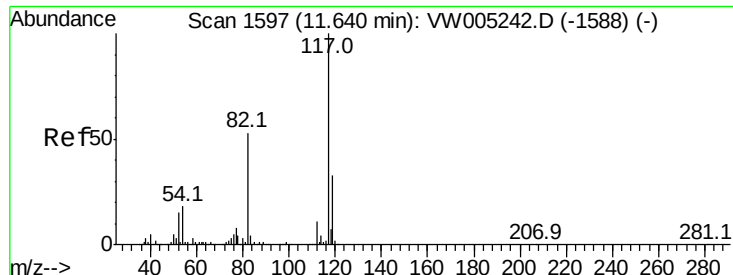
Tot Ion:107 Resp: 67356
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.287 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion: 95 Resp: 355582
 Ion Ratio Lower Upper
 95 100
 174 85.2 0.0 174.6
 176 83.1 0.0 167.6

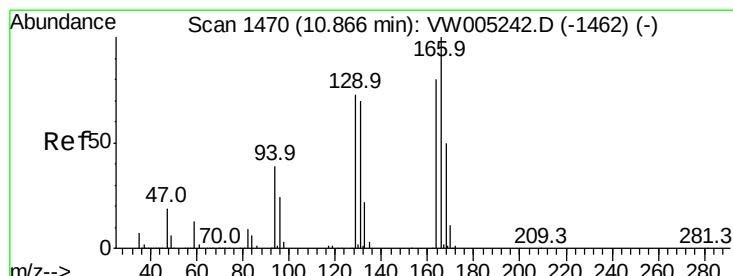
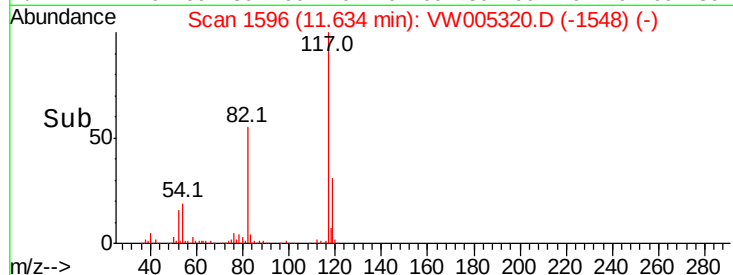
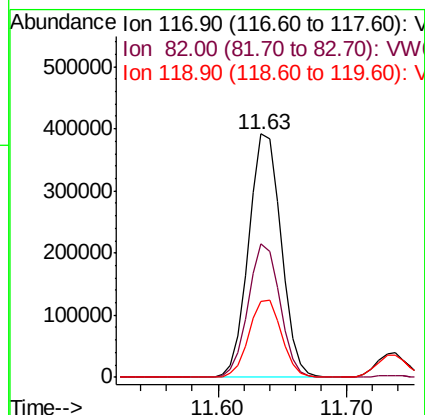
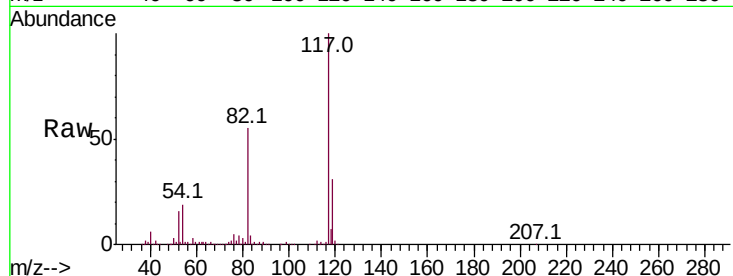




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

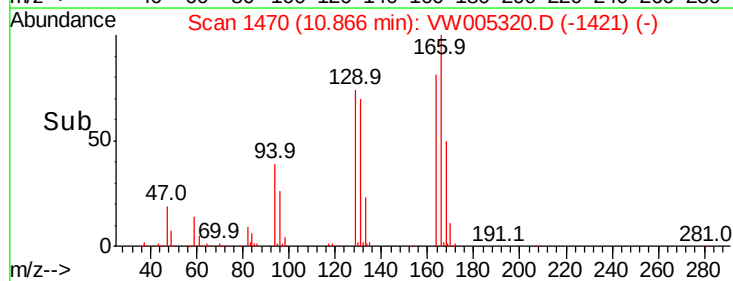
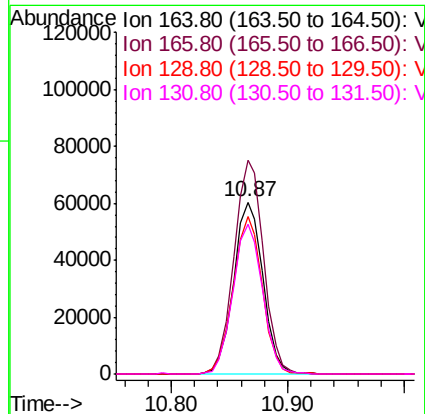
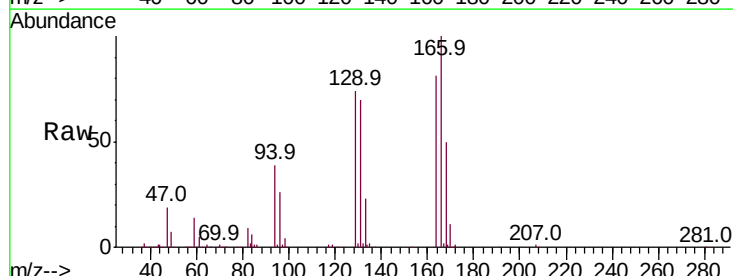
Instrument :
MSVOA_W
ClientSampled :

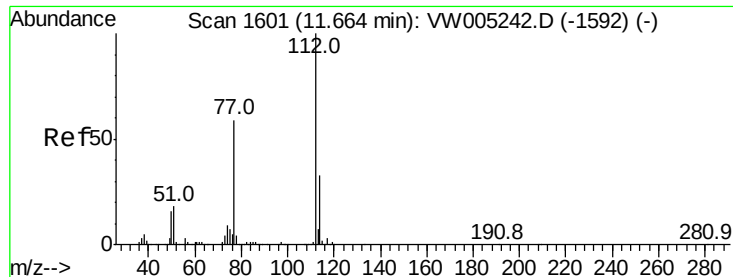
Tot Ion:117 Resp: 680536
Ion Ratio Lower Upper
117 100
82 54.7 42.6 63.8
119 31.3 26.2 39.4



#64
Tetrachloroethene
Concen: 20.974 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion:164 Resp: 105897
Ion Ratio Lower Upper
164 100
166 124.1 100.2 150.2
129 91.4 73.2 109.8
131 87.0 70.2 105.4

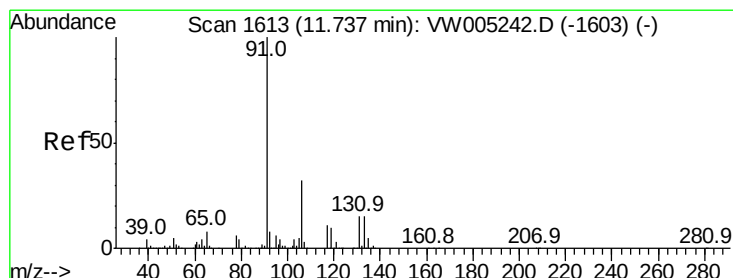
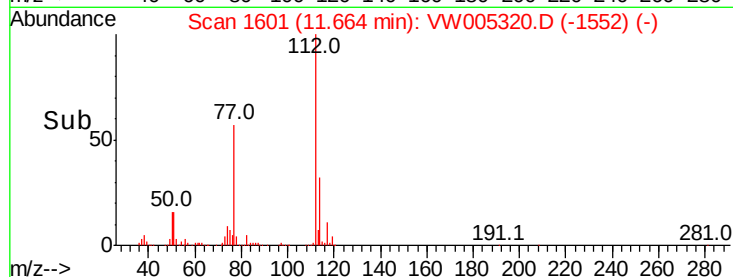
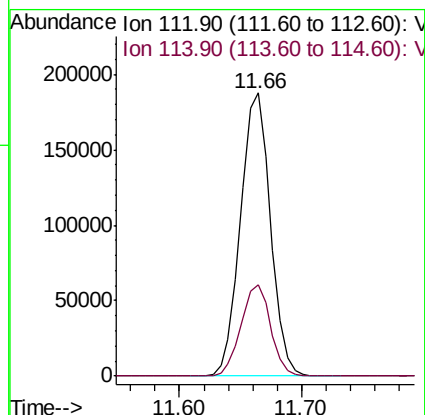
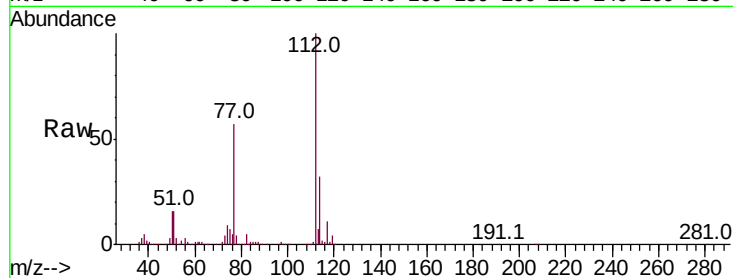




#65
Chlorobenzene
Concen: 21.382 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

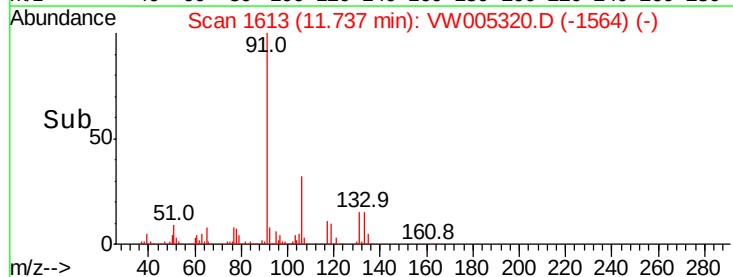
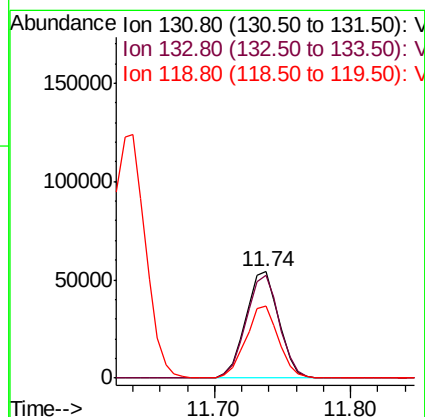
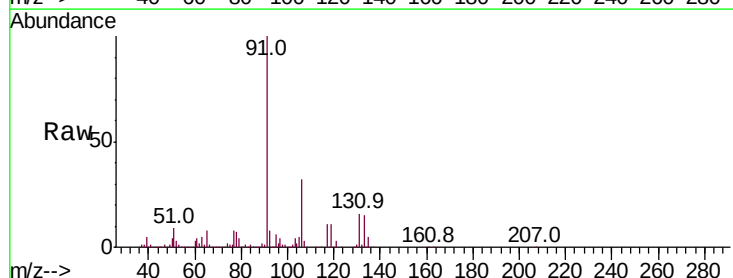
Instrument :
MSVOA_W
ClientSampleId :

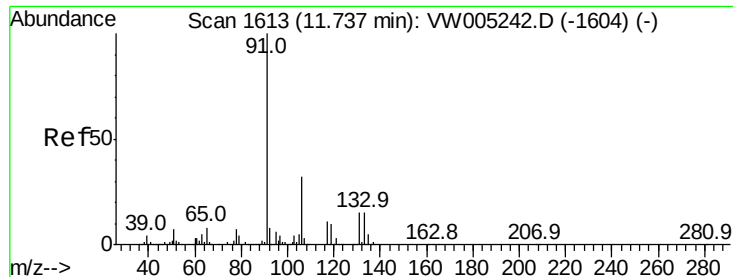
Tot Ion:112 Resp: 318767
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.818 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion:131 Resp: 92665
Ion Ratio Lower Upper
131 100
133 97.1 48.1 144.3
119 66.6 33.4 100.1





#67

Ethyl Benzene

Concen: 21.322 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

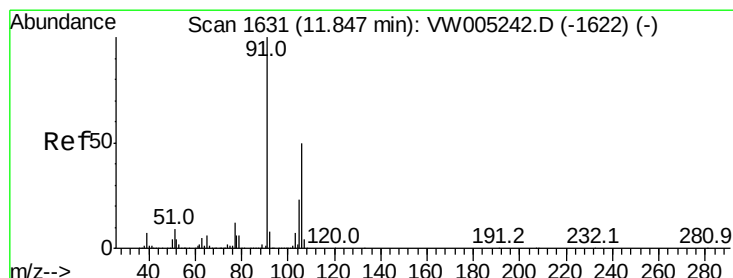
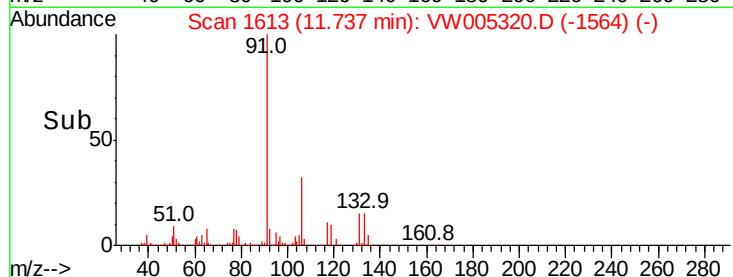
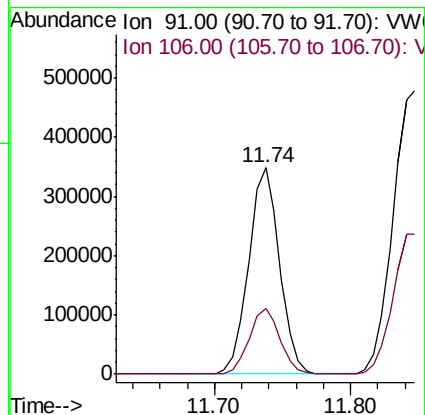
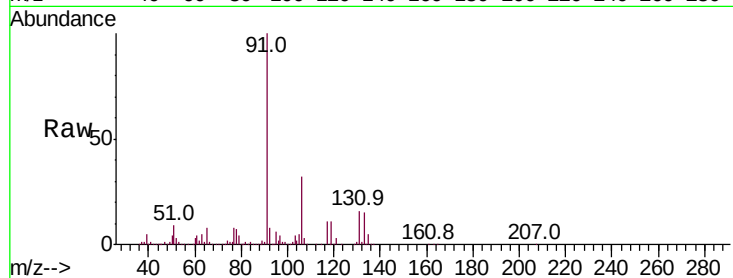
ClientSampleId :

Tot Ion: 91 Resp: 553575

Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 43.121 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW005320.D

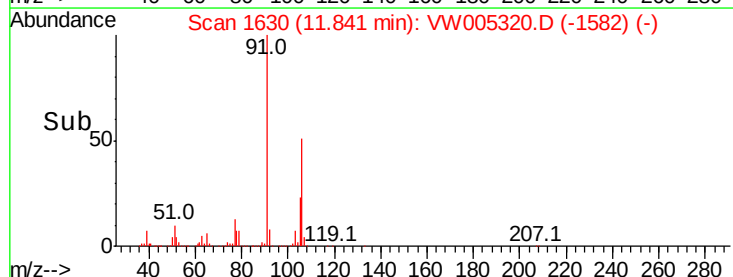
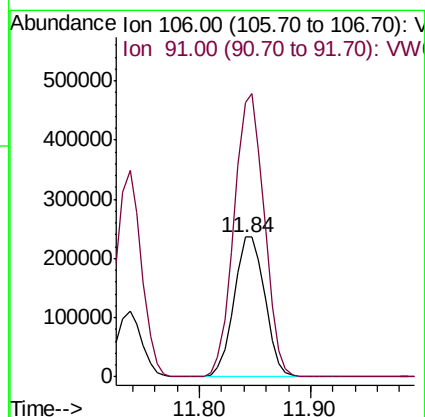
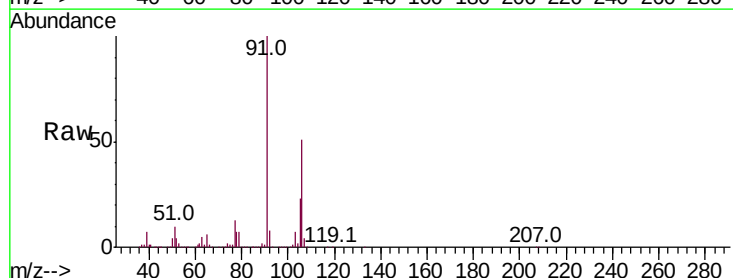
Acq: 12 Sep 2018 12:58

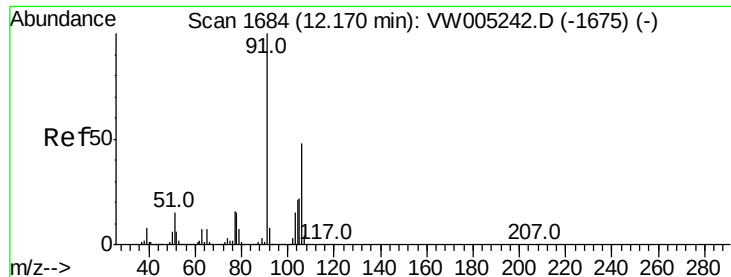
Tgt Ion: 106 Resp: 451137

Ion Ratio Lower Upper

106 100

91 199.3 160.2 240.2

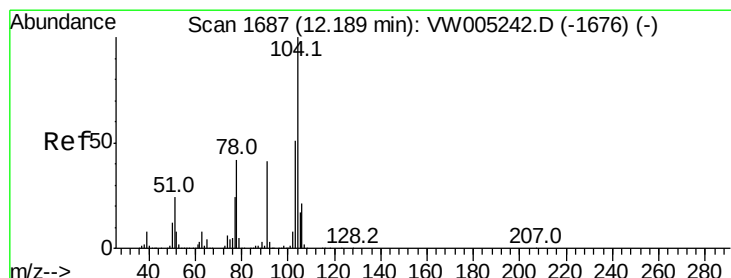
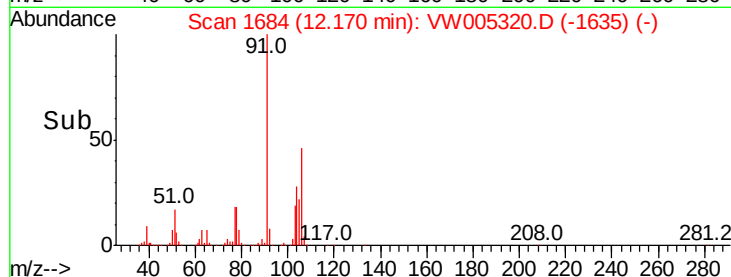
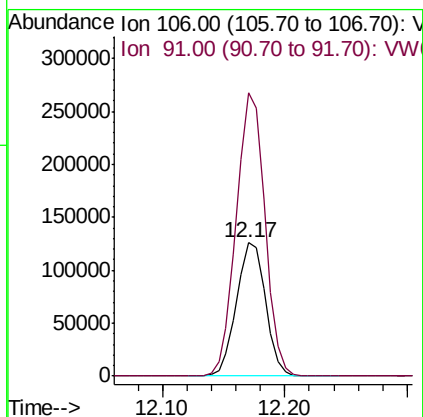
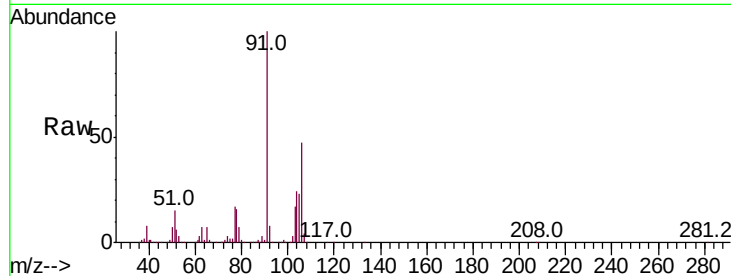




#69
o-Xylene
Concen: 21.297 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

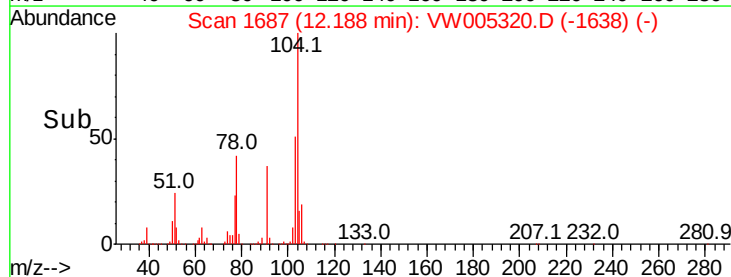
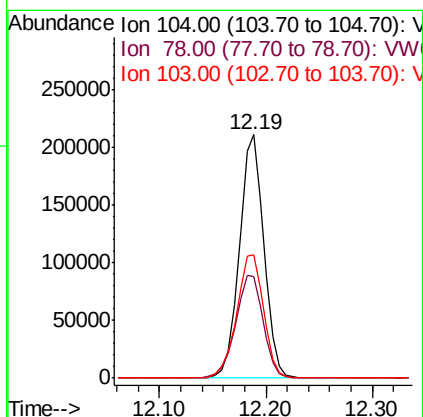
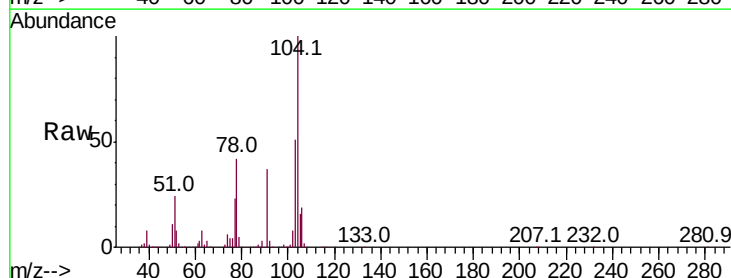
Instrument :
MSVOA_W
ClientSampleId :

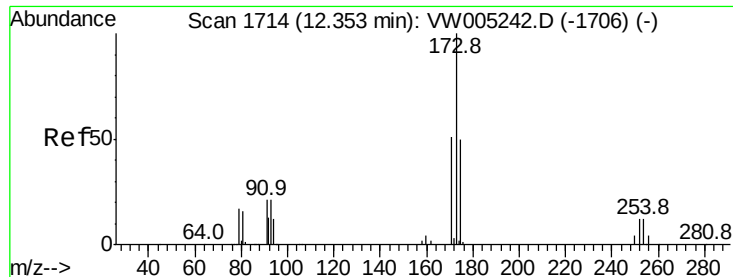
Tot Ion:106 Resp: 207301
Ion Ratio Lower Upper
106 100
91 209.9 104.1 312.3



#70
Styrene
Concen: 21.454 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion:104 Resp: 340748
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.2
103 55.9 44.1 66.1





#71

Bromoform

Concen: 20.456 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

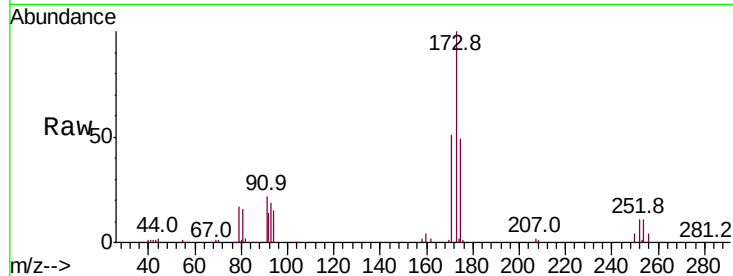
Tot Ion:173 Resp: 49369

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.6

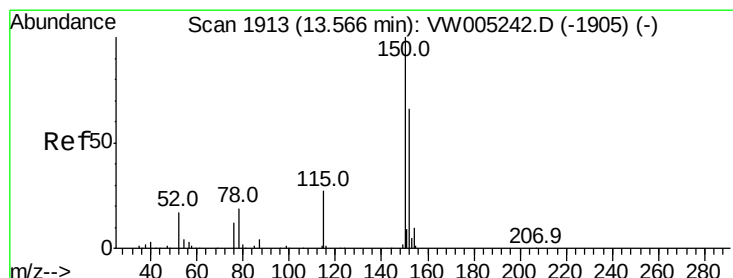
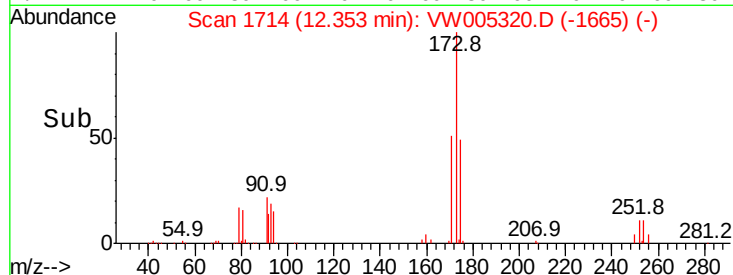
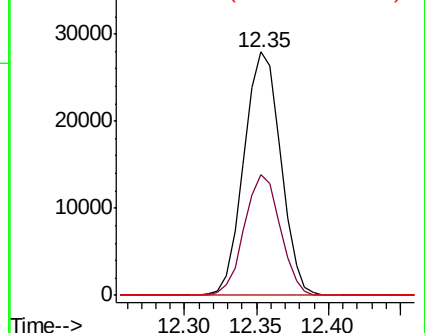
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

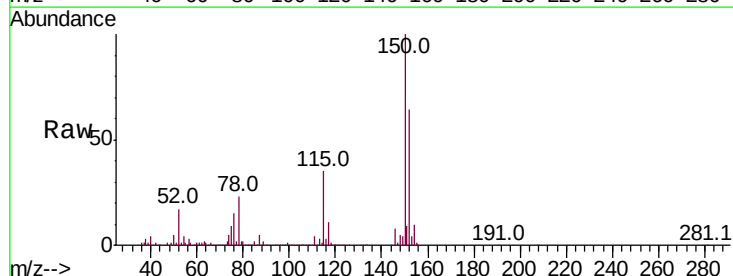
Tgt Ion:152 Resp: 375541

Ion Ratio Lower Upper

152 100

115 56.2 27.5 82.4

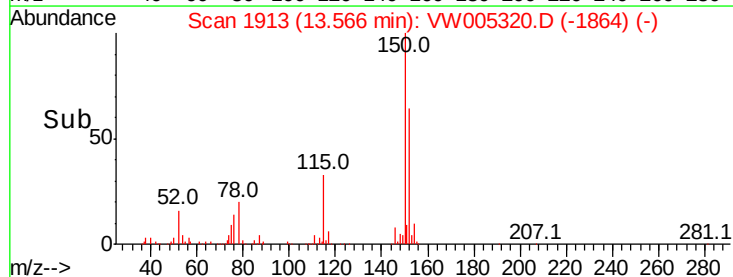
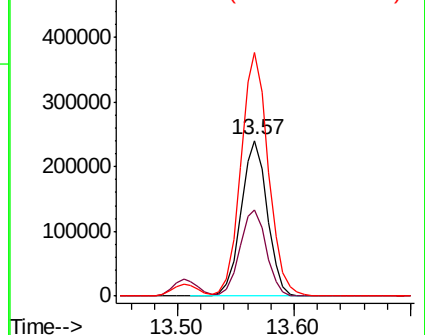
150 164.0 0.0 347.4

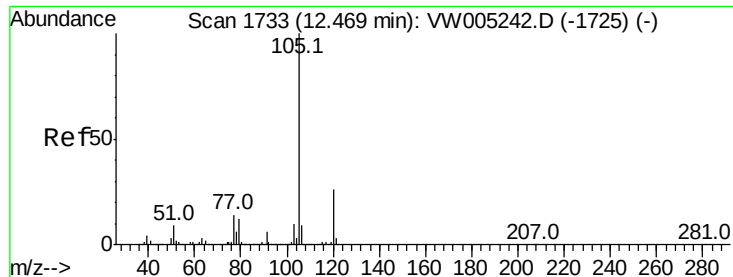


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.045 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

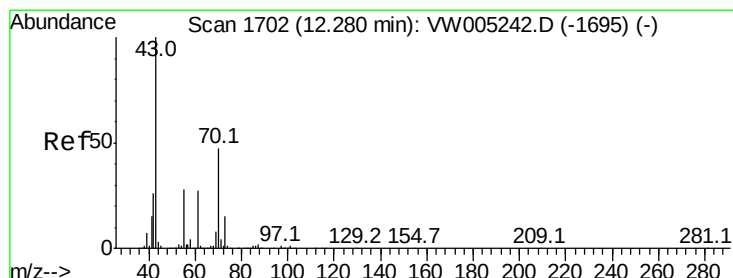
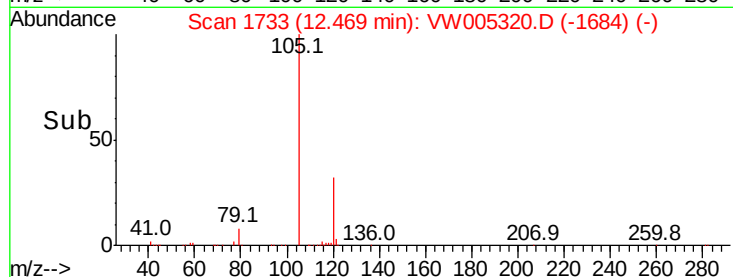
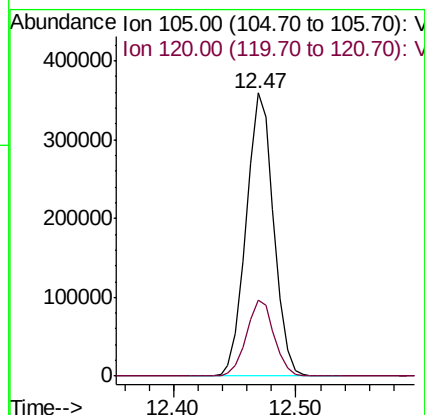
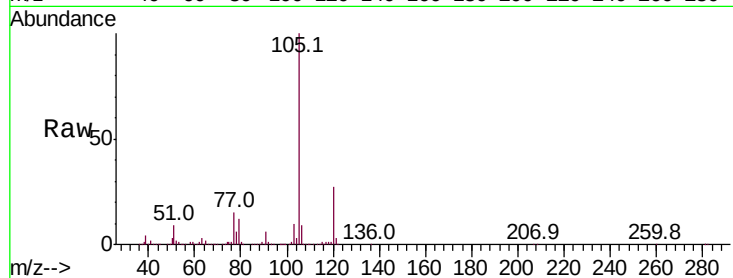
ClientSampleId :

Tot Ion:105 Resp: 558394

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 20.831 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion: 43 Resp: 105161

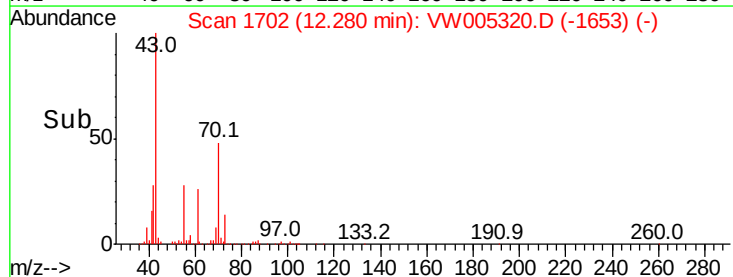
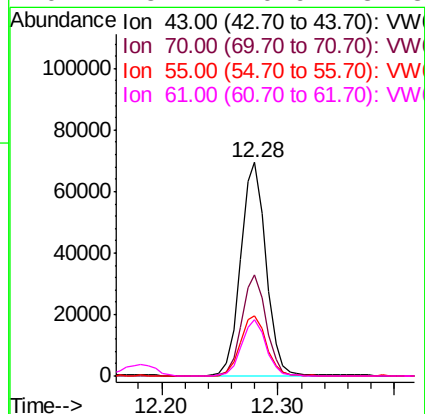
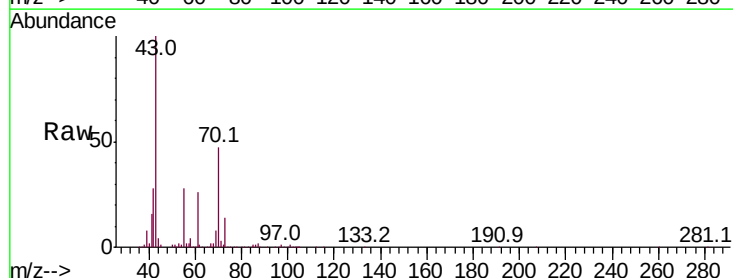
Ion Ratio Lower Upper

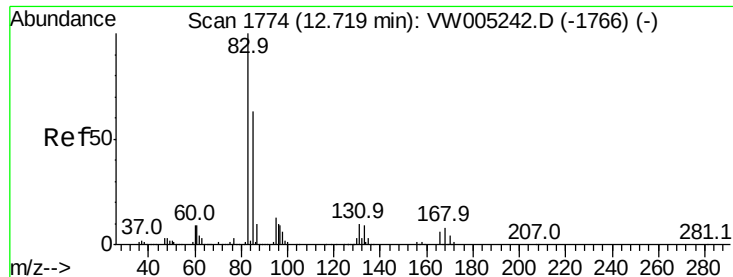
43 100

70 46.2 37.9 56.9

55 29.4 22.6 33.8

61 25.7 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.793 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

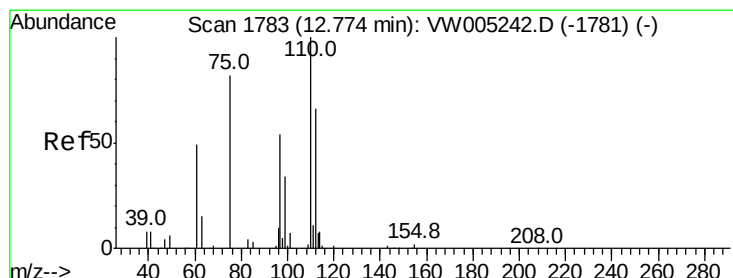
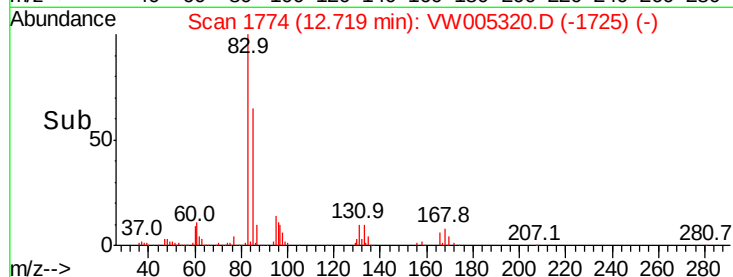
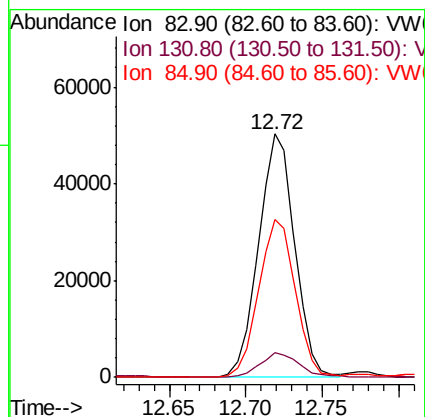
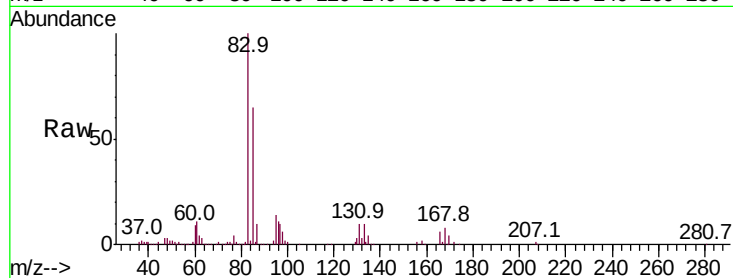
Tot Ion: 83 Resp: 82917

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	65.6	31.6	95.0

83 100

131 11.0 5.5 16.4

85 65.6 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 38.352 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005320.D

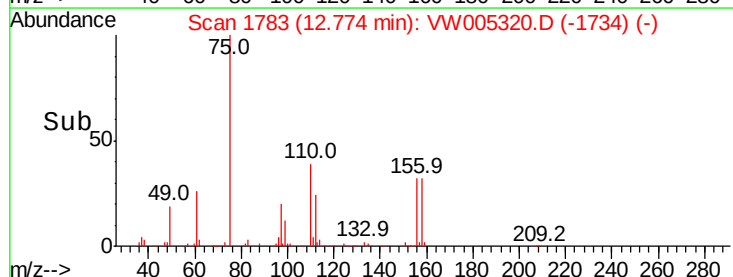
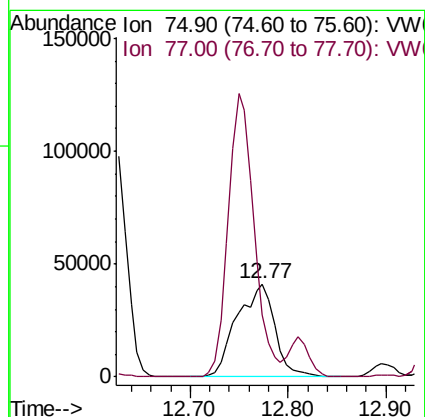
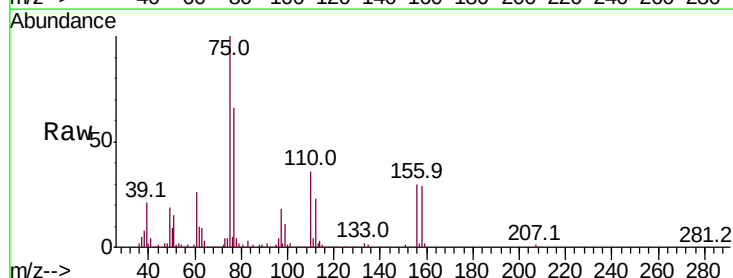
Acq: 12 Sep 2018 12:58

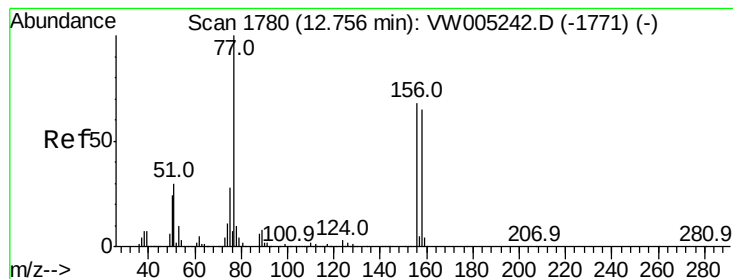
Tgt Ion: 75 Resp: 110778

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.948 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

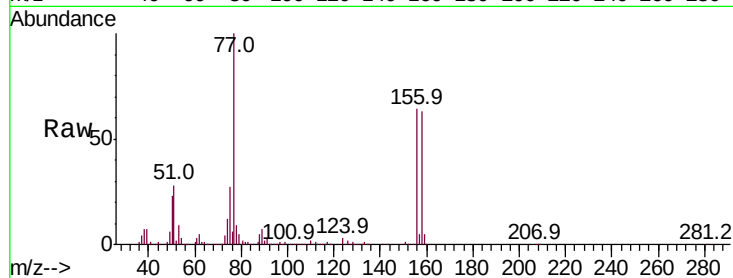
Tot Ion:156 Resp: 130950

Ion Ratio Lower Upper

156 100

77 177.1 86.3 258.8

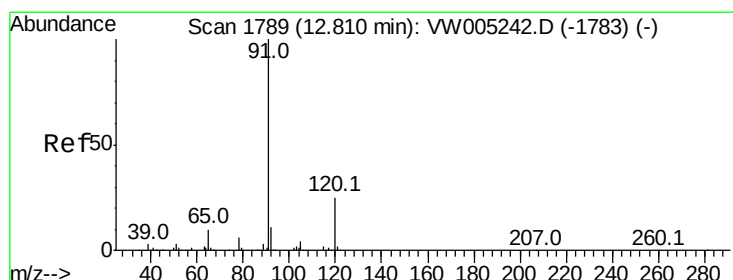
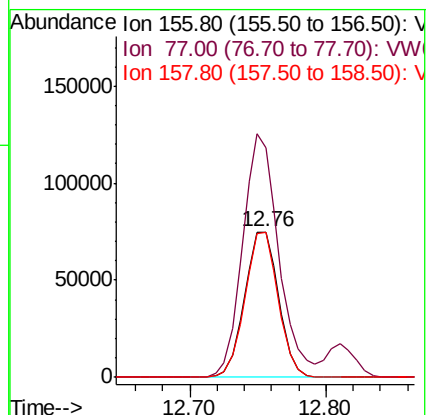
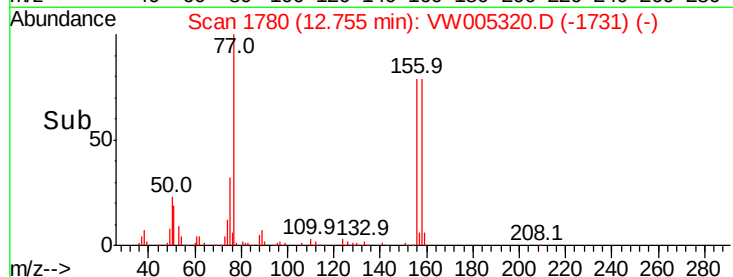
158 97.5 48.6 145.8



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: 21.767 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005320.D

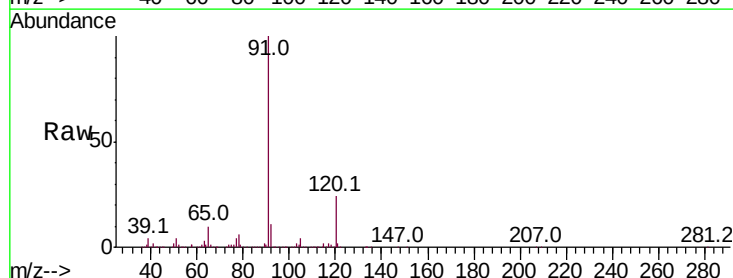
Acq: 12 Sep 2018 12:58

Tgt Ion: 91 Resp: 693648

Ion Ratio Lower Upper

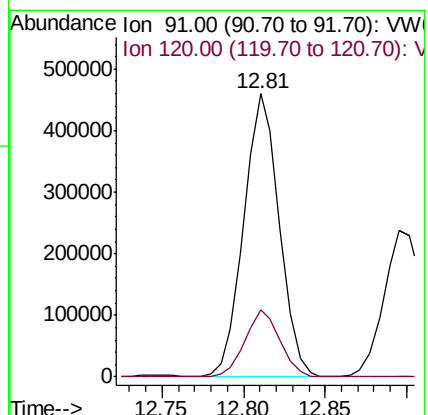
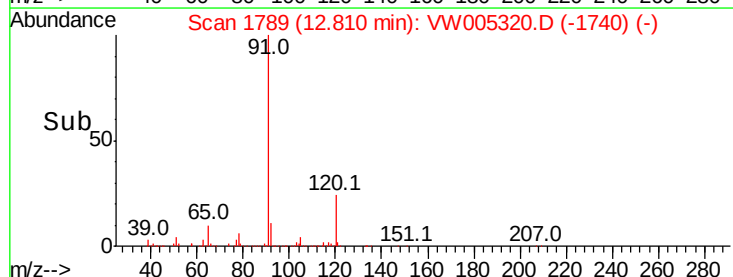
91 100

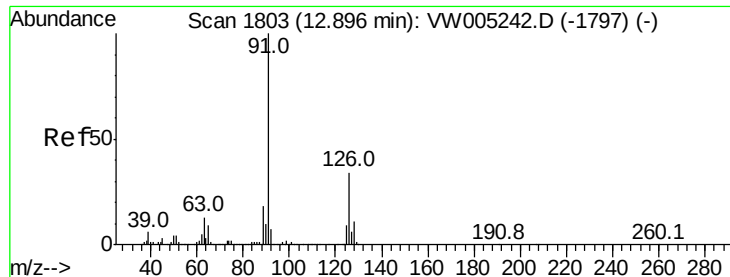
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.581 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

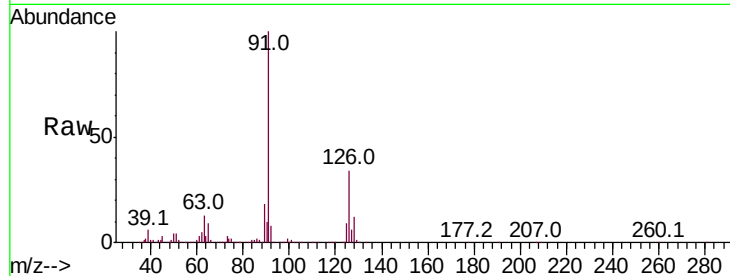
ClientSampleId :

Tot Ion: 91 Resp: 394393

Ion Ratio Lower Upper

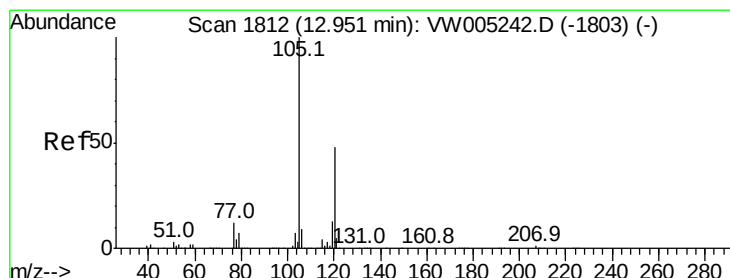
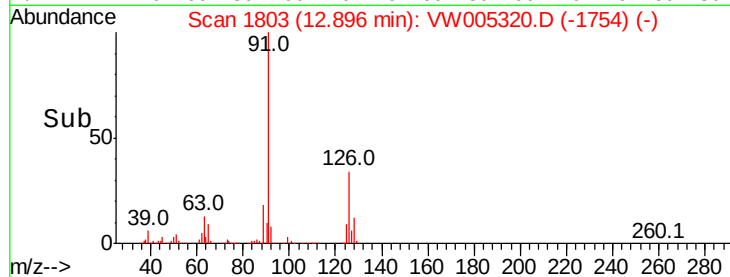
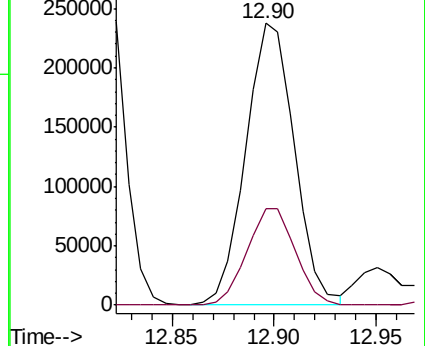
91 100

126 34.4 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.603 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005320.D

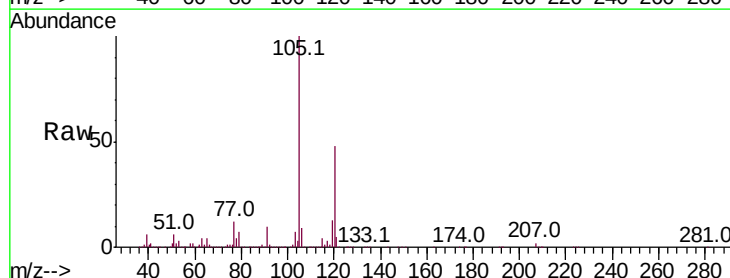
Acq: 12 Sep 2018 12:58

Tgt Ion:105 Resp: 488109

Ion Ratio Lower Upper

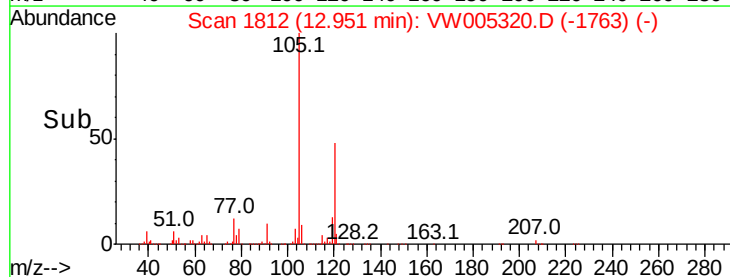
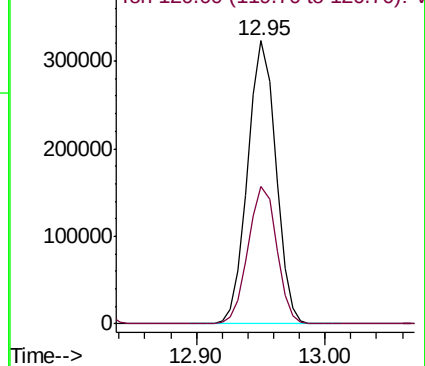
105 100

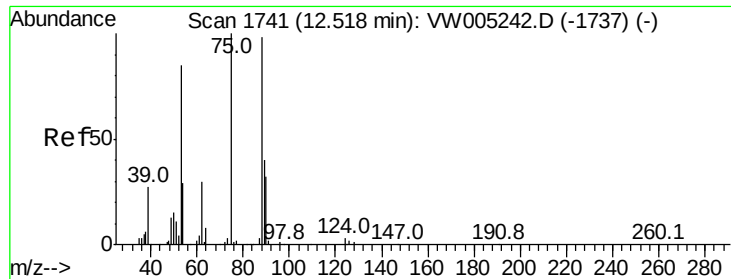
120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.710 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

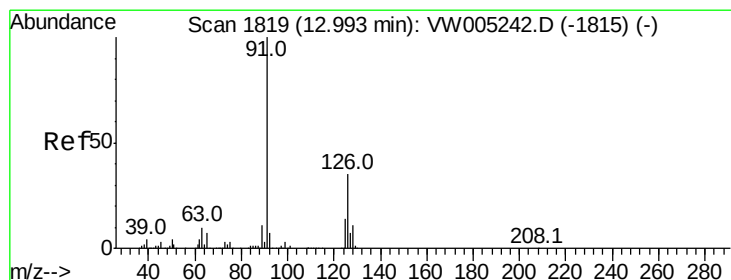
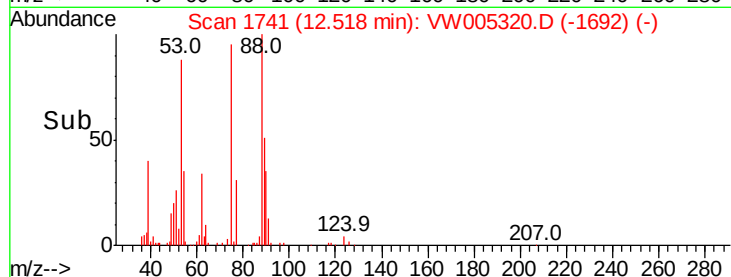
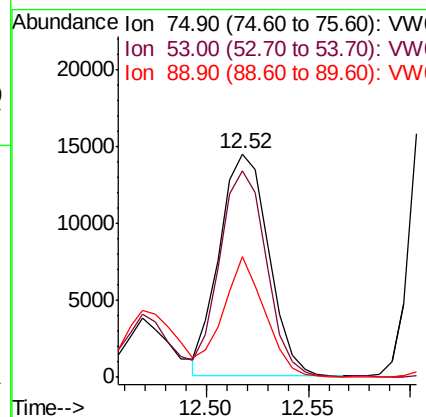
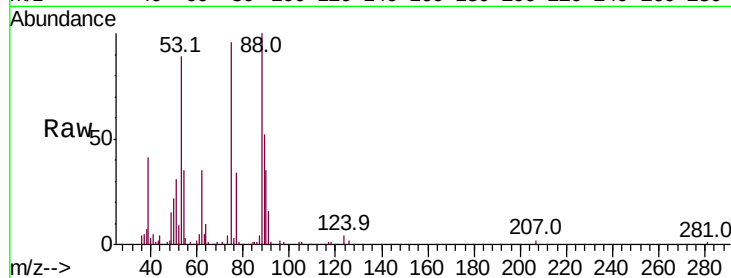
Tot Ion: 75 Resp: 24276

Ion Ratio Lower Upper

75 100

53 88.4 67.0 100.6

89 46.9 37.0 55.4



#82

4-Chlorotoluene

Concen: 21.356 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005320.D

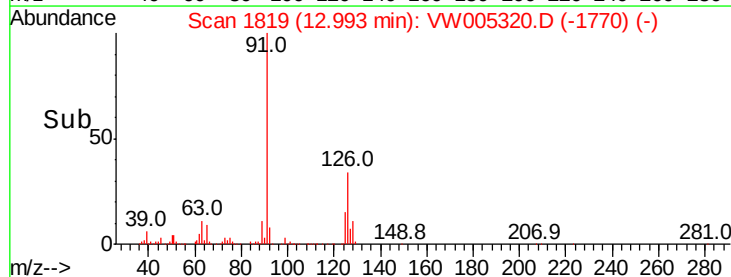
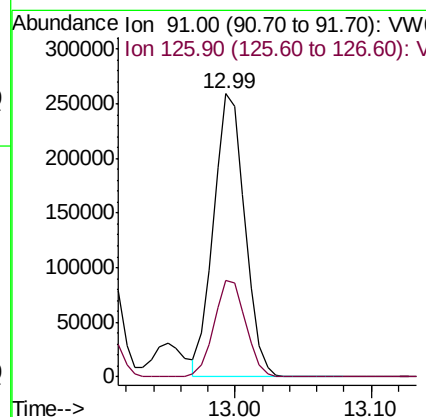
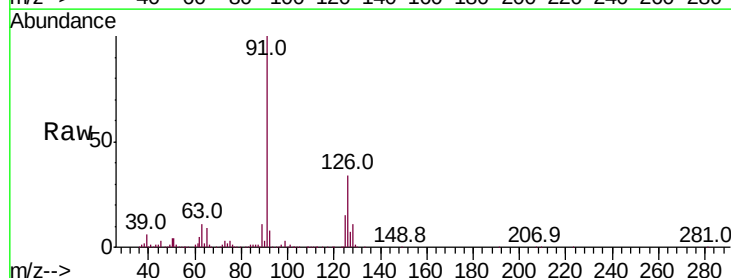
Acq: 12 Sep 2018 12:58

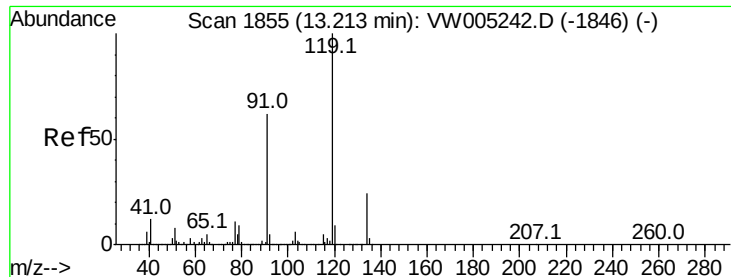
Tgt Ion: 91 Resp: 410215

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5





#83

tert-Butylbenzene

Concen: 20.635 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

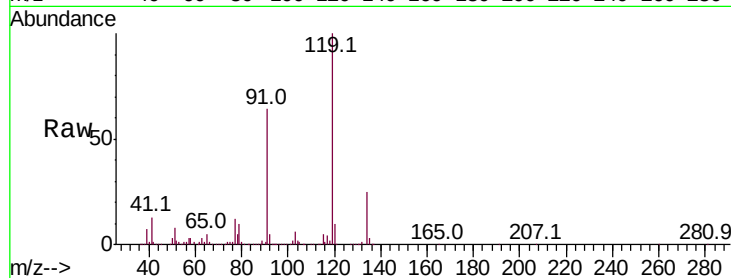
Tot Ion:119 Resp: 407767

Ion Ratio Lower Upper

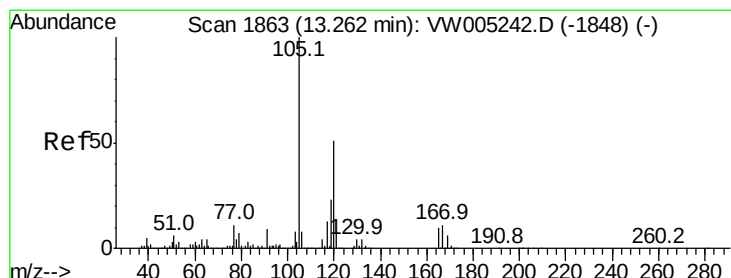
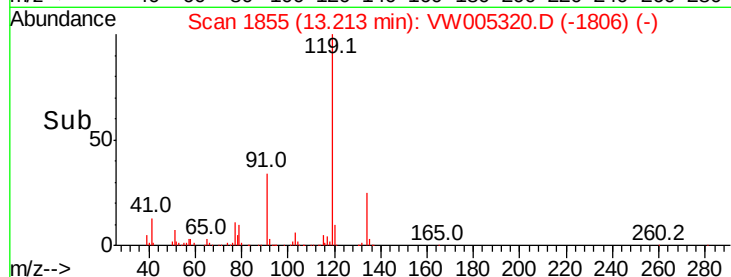
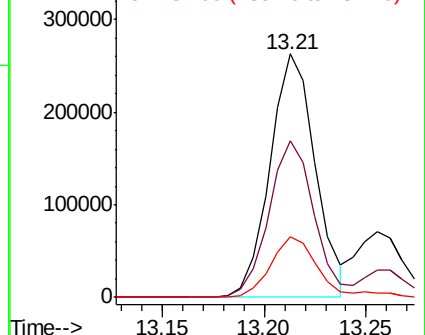
119 100

91 64.5 31.7 95.1

134 26.5 13.0 38.9



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



#84

1,2,4-Trimethylbenzene

Concen: 21.556 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005320.D

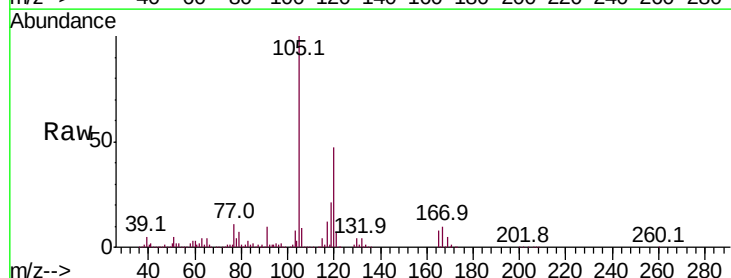
Acq: 12 Sep 2018 12:58

Tgt Ion:105 Resp: 489423

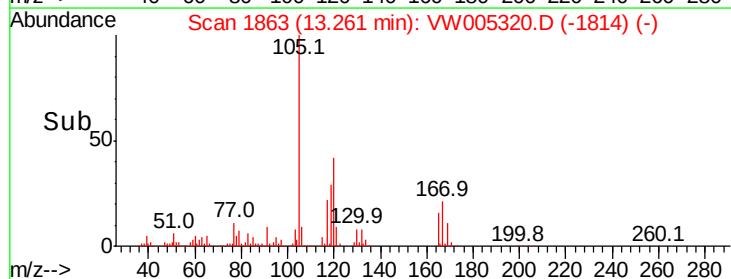
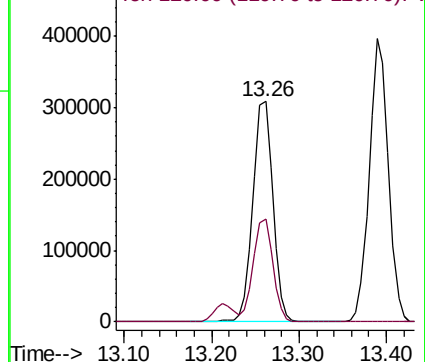
Ion Ratio Lower Upper

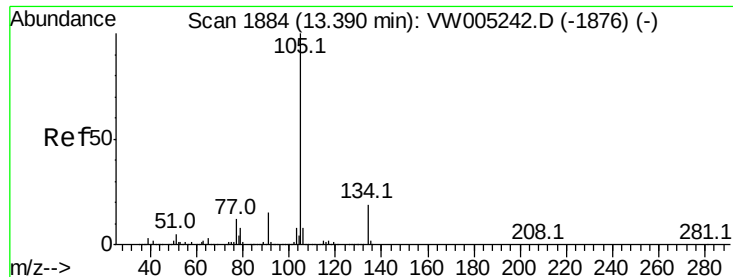
105 100

120 46.0 23.4 70.3



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

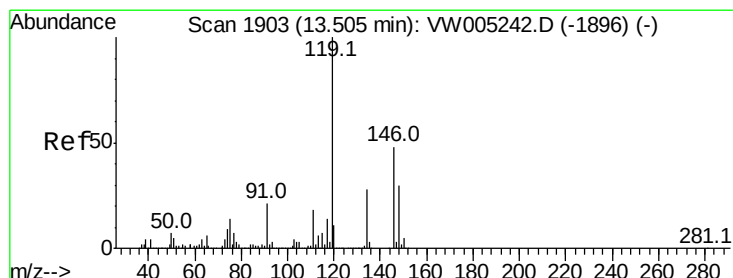
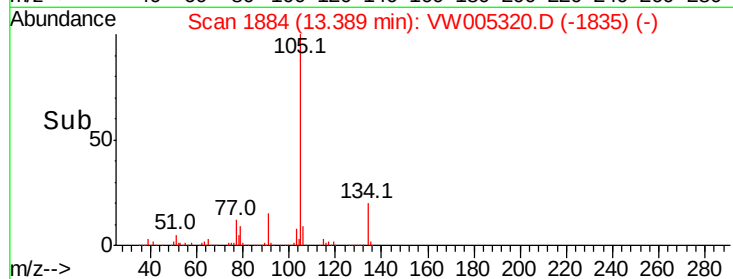
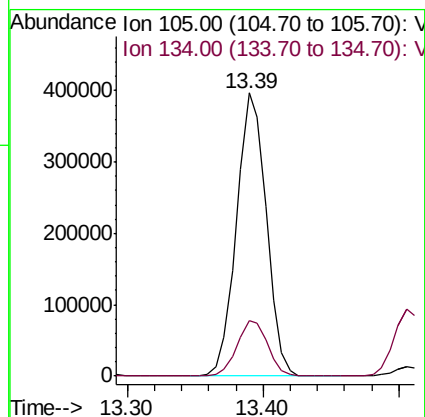
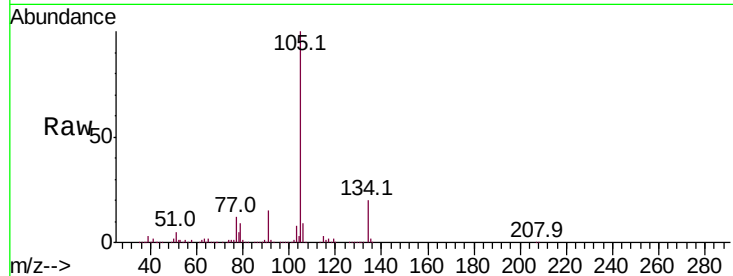




#85
 sec-Butylbenzene
 Concen: 21.314 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

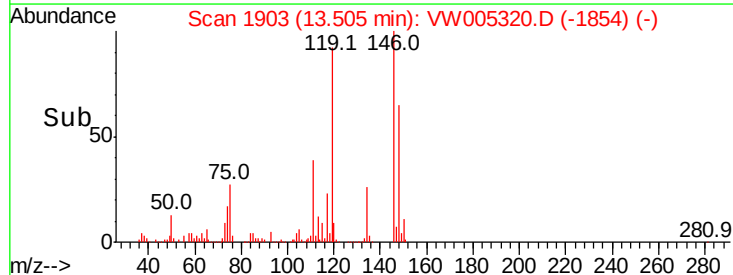
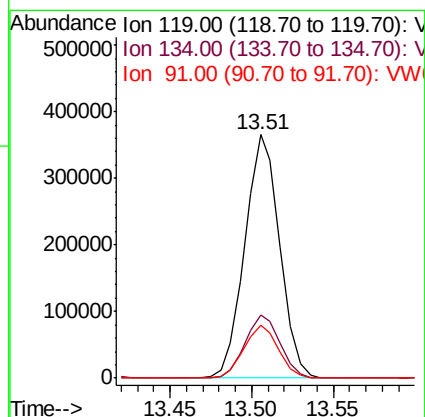
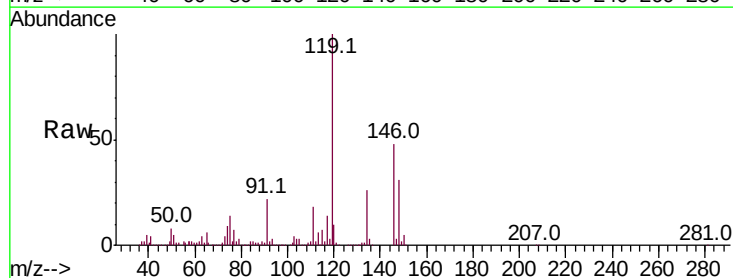
Instrument :
 MSVOA_W
 ClientSampled :

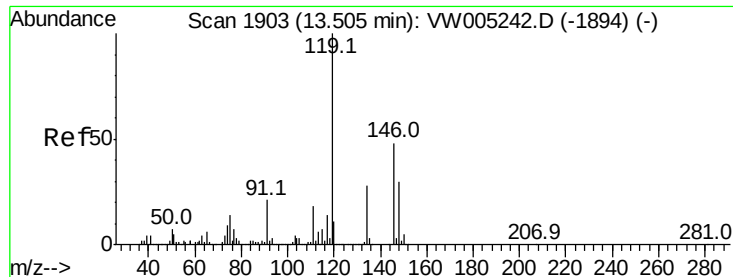
Tot Ion:105 Resp: 605316
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 21.573 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion:119 Resp: 542352
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.950 ug/l

RT: 13.51 min Scan# 1903

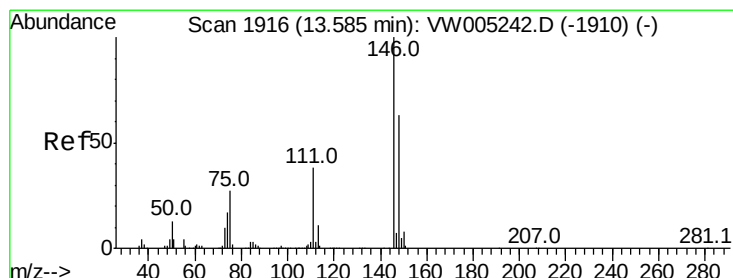
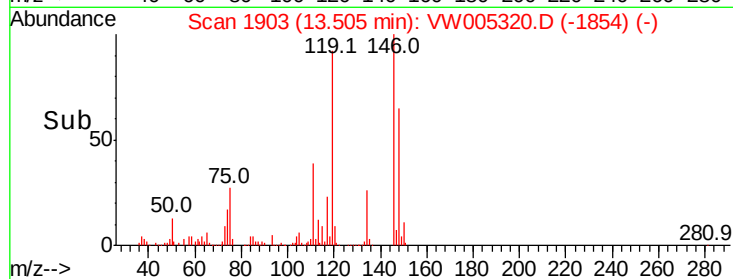
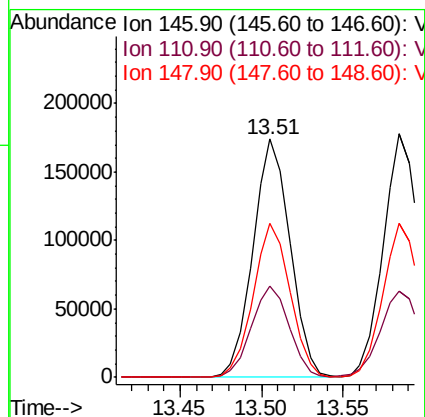
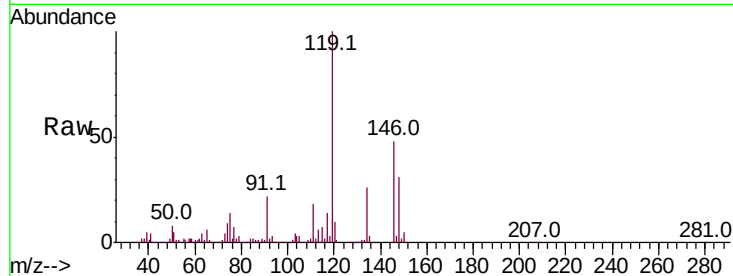
Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.8	56.3
148	64.1	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 21.414 ug/l

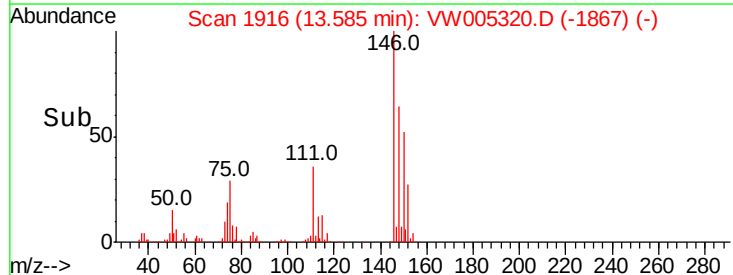
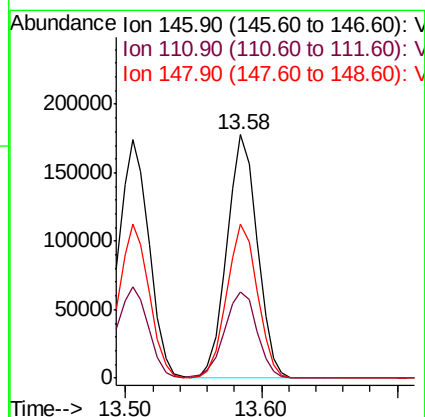
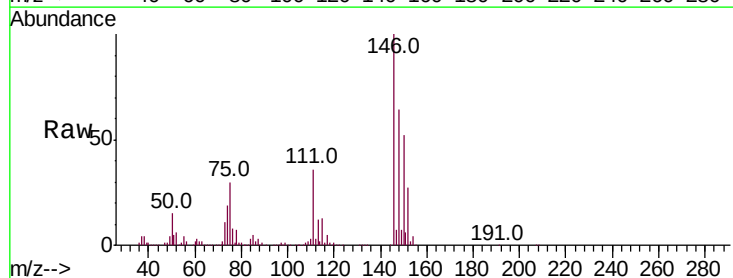
RT: 13.58 min Scan# 1916

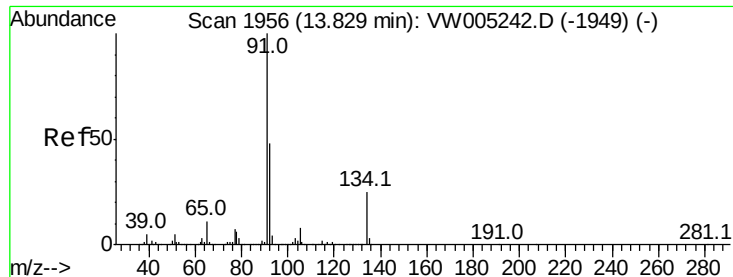
Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	64.1	32.3	96.9





#89

n-Butylbenzene

Concen: 21.222 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

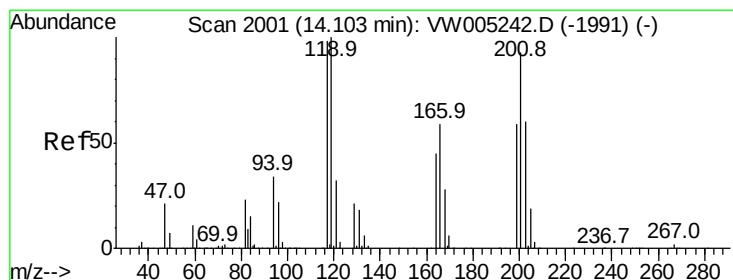
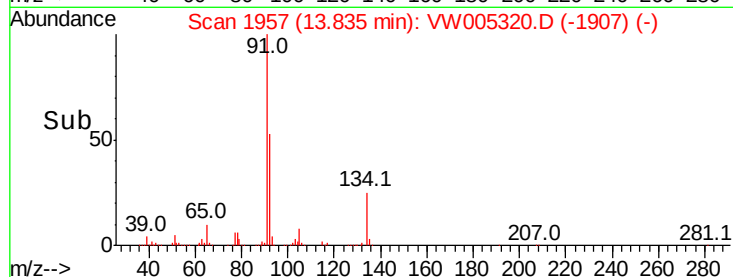
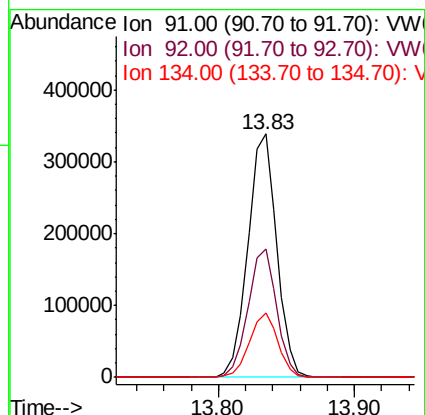
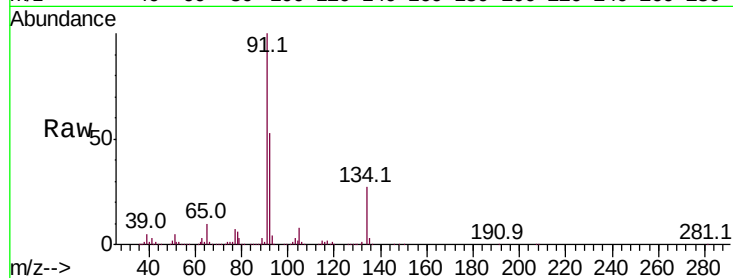
Tot Ion: 91 Resp: 501548

Ion Ratio Lower Upper

91 100

92 52.7 25.8 77.3

134 26.4 13.6 40.8



#90

Hexachloroethane

Concen: 20.145 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005320.D

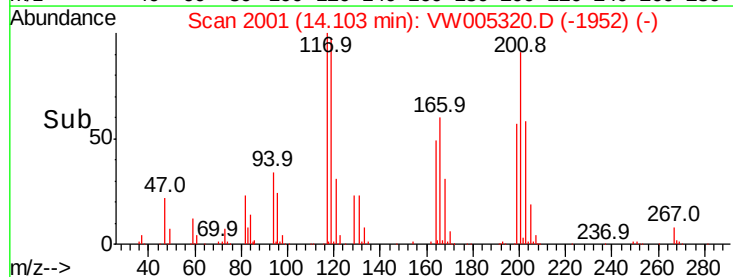
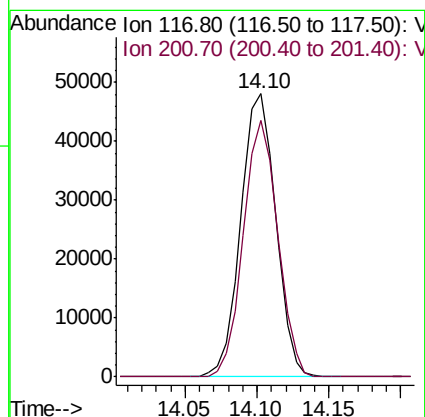
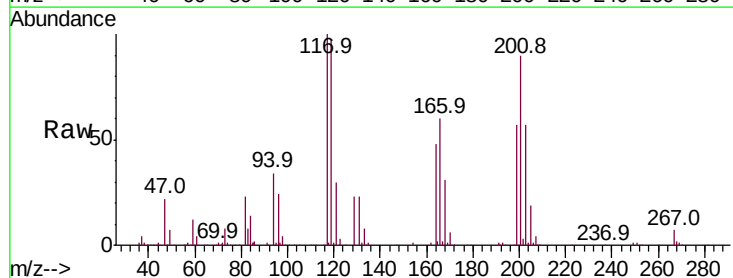
Acq: 12 Sep 2018 12:58

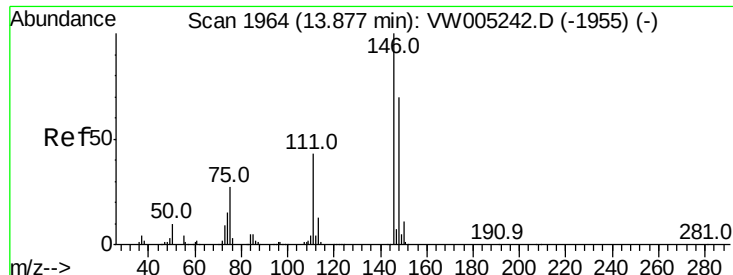
Tgt Ion: 117 Resp: 81140

Ion Ratio Lower Upper

117 100

201 88.6 44.0 132.1

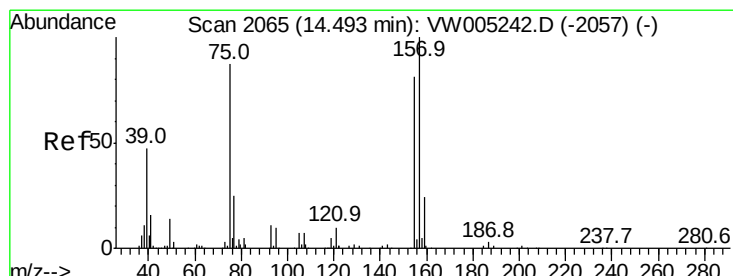
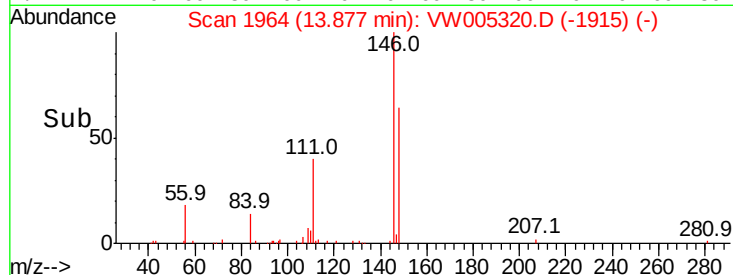
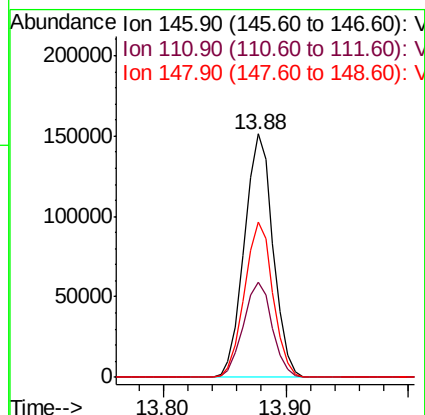
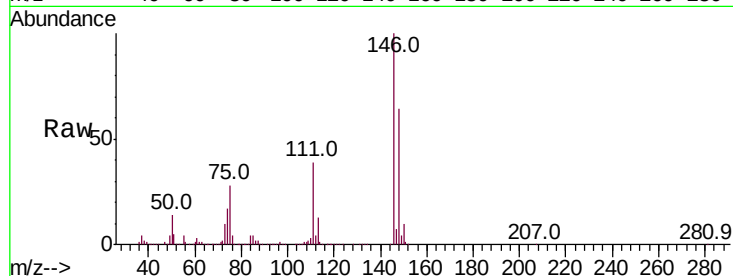




#91
 1,2-Dichlorobenzene
 Concen: 21.370 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

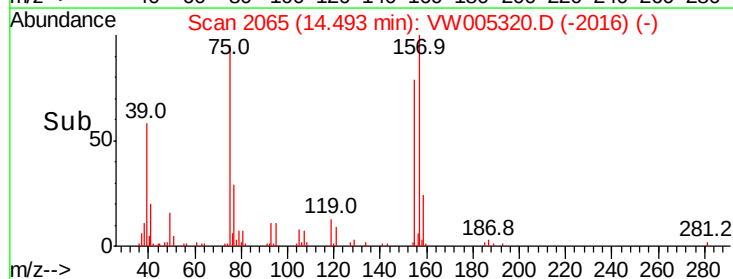
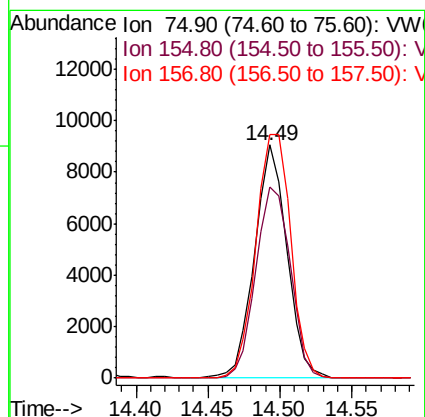
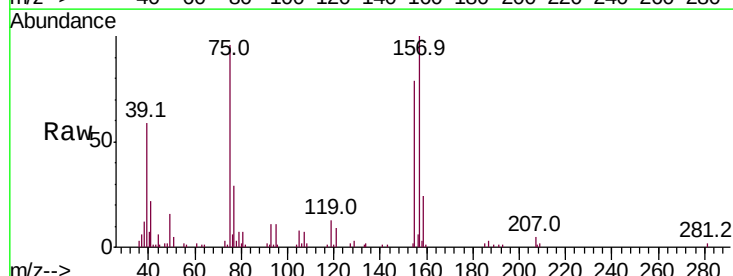
Instrument :
 MSVOA_W
 ClientSampleId :

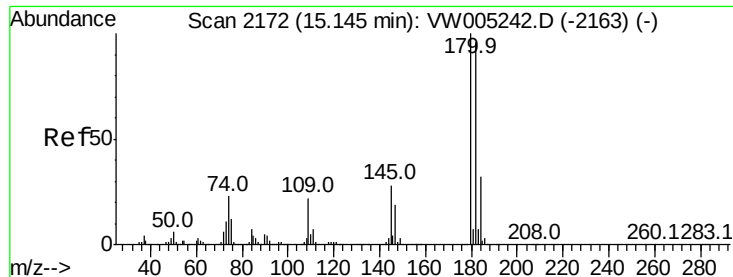
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.5	61.5
148	63.3	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.188 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	47.4	142.2
157	112.4	59.4	178.2

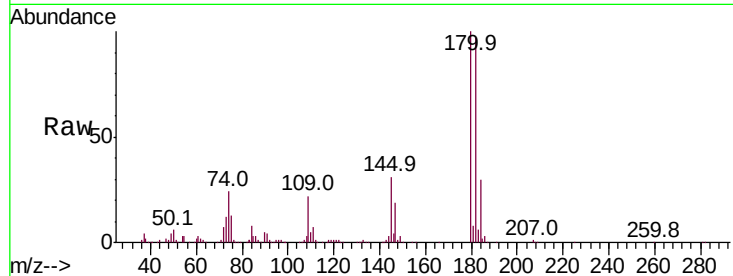




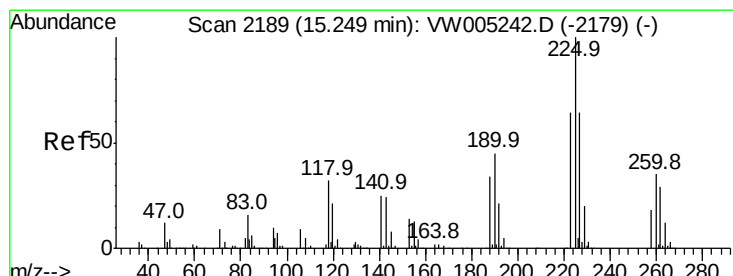
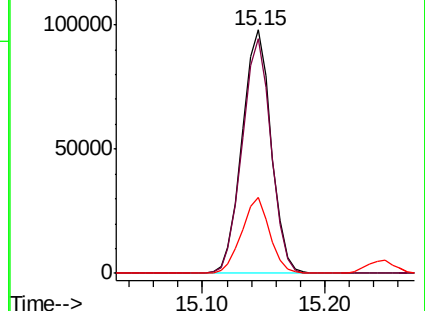
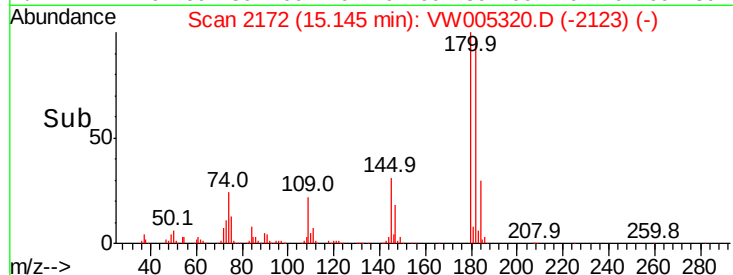
#93
 1,2,4-Trichlorobenzene
 Concen: 19.755 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.4
145	29.8	14.5	43.6

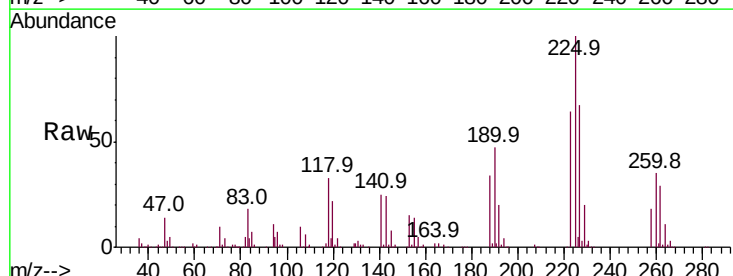


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

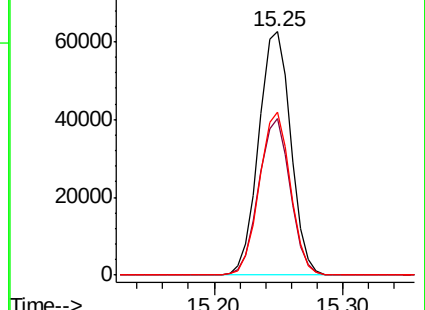
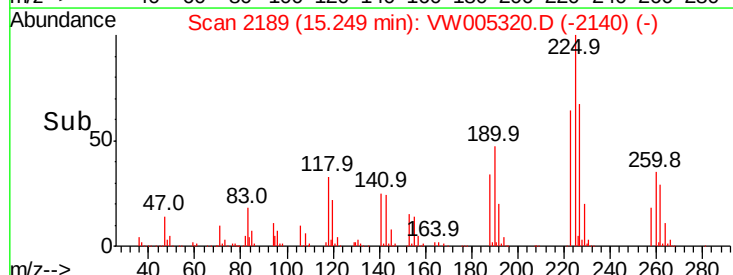


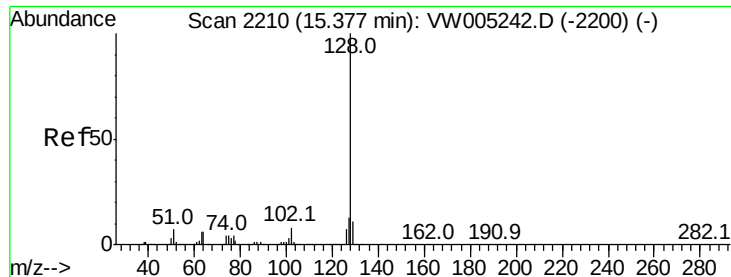
#94
 Hexachlorobutadiene
 Concen: 20.566 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.2
227	64.5	32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

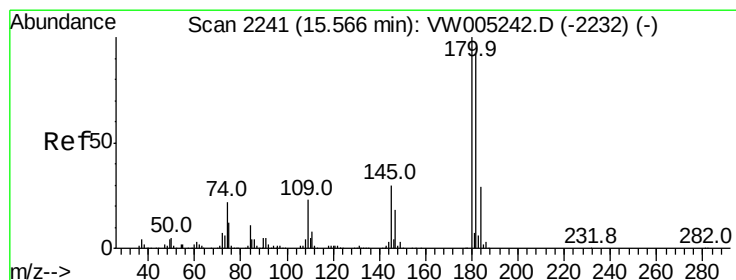
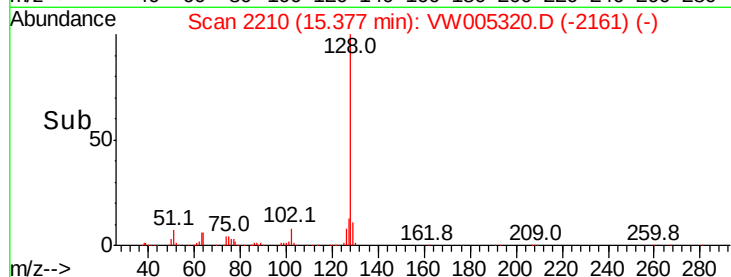
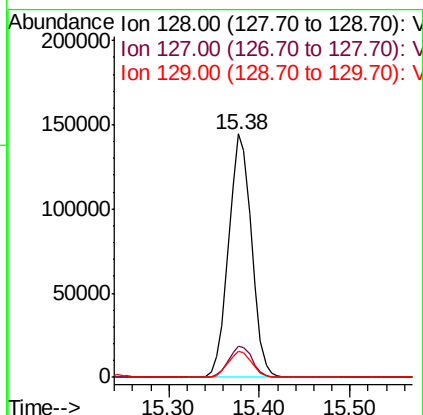
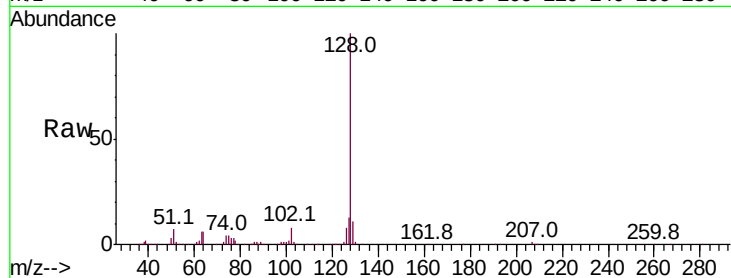




#95
Naphthalene
Concen: 19.163 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.811 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	31.4	15.2	45.6

