

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005265.D
 Acq On : 11 Sep 2018 10:23
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 12:26:21 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	7.96	168	486456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	667940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	651010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	359073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	174324	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
35) Dibromofluoromethane	7.89	113	182468	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
50) Toluene-d8	10.33	98	928450	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.63	95	333791	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	184043	43.858	ug/l	100
3) Chloromethane	2.22	50	249186	44.417	ug/l	99
4) Vinyl Chloride	2.36	62	233965	45.427	ug/l	97
5) Bromomethane	2.76	94	167506	53.847	ug/l	98
6) Chloroethane	2.92	64	132705	46.776	ug/l	98
7) Trichlorofluoromethane	3.26	101	267152	45.853	ug/l	100
8) Diethyl Ether	3.69	74	89888	43.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	186603	44.839	ug/l	98
10) Methyl Iodide	4.27	142	200719	39.548	ug/l	99
11) Tert butyl alcohol	5.17	59	64491	216.741	ug/l	100
12) 1,1-Dichloroethene	4.04	96	176487	46.058	ug/l	98
13) Acrolein	3.90	56	75075	261.202	ug/l	96
14) Allyl chloride	4.68	41	262834	44.640	ug/l	99
15) Acrylonitrile	5.37	53	203934	217.695	ug/l	98
16) Acetone	4.13	43	153185	227.457	ug/l	97
17) Carbon Disulfide	4.38	76	610108	45.361	ug/l	100
18) Methyl Acetate	4.67	43	86905	43.228	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	408743	44.785	ug/l	98
20) Methylene Chloride	4.92	84	228615	45.372	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	205860	46.012	ug/l	96
22) Diisopropyl ether	6.32	45	551848	46.556	ug/l	97
23) Vinyl Acetate	6.26	43	1495002	226.315	ug/l	99
24) 1,1-Dichloroethane	6.23	63	330287	45.266	ug/l	99
25) 2-Butanone	7.18	43	243307	229.038	ug/l	96
26) 2,2-Dichloropropane	7.18	77	304401	48.117	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	220910	46.136	ug/l	99
28) Bromochloromethane	7.52	49	127582	47.397	ug/l #	98
29) Tetrahydrofuran	7.54	42	153869	214.937	ug/l	98
30) Chloroform	7.68	83	335966	45.881	ug/l	100
31) Cyclohexane	7.96	56	358235	46.141	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	311310	47.060	ug/l	99
36) 1,1-Dichloropropene	8.09	75	299990	49.022	ug/l	99
37) Ethyl Acetate	7.26	43	102256	43.932	ug/l	99
38) Carbon Tetrachloride	8.07	117	281526	49.112	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	396114	48.753	ug/l	98
40) Benzene	8.33	78	893979	49.587	ug/l	99
41) Methacrylonitrile	7.49	41	57884	48.472	ug/l	95
42) 1,2-Dichloroethane	8.41	62	199104	46.163	ug/l	99
43) Isopropyl Acetate	8.43	43	196571	45.478	ug/l	97
44) Trichloroethene	9.10	130	242670	49.065	ug/l	98
45) 1,2-Dichloropropane	9.38	63	208292	48.067	ug/l	98
46) Dibromomethane	9.46	93	97824	46.119	ug/l	99
47) Bromodichloromethane	9.65	83	244306	47.083	ug/l	98
48) Methyl methacrylate	9.44	41	106438	47.425	ug/l	99
49) 1,4-Dioxane	9.45	88	40630	1025.943	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	548715	225.586	ug/l	100
52) Toluene	10.40	92	635200	48.478	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	266796	47.577	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	301142	44.844	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	155004	45.831	ug/l	98
56) Ethyl methacrylate	10.65	69	200492	46.760	ug/l	98
57) 1,3-Dichloropropane	10.94	76	258958	46.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	454295	243.774	ug/l	98
59) 2-Hexanone	10.98	43	417786	238.249	ug/l	100
60) Dibromochloromethane	11.13	129	178496	47.563	ug/l	99
61) 1,2-Dibromoethane	11.24	107	143123	46.147	ug/l	99
64) Tetrachloroethene	10.87	164	239332	49.552	ug/l	98
65) Chlorobenzene	11.66	112	699900	49.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	206902	48.590	ug/l	99
67) Ethyl Benzene	11.74	91	1243761	50.079	ug/l	99
68) m/p-Xylenes	11.85	106	1008434	100.761	ug/l	98
69) o-Xylene	12.18	106	462111	49.629	ug/l	99
70) Styrene	12.19	104	769470	50.644	ug/l	100
71) Bromoform	12.35	173	110153	47.711	ug/l #	98
73) Isopropylbenzene	12.47	105	1272728	50.166	ug/l	100
74) N-amyl acetate	12.28	43	218738	45.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	174830	45.853	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	239302	86.647	ug/l #	100
77) Bromobenzene	12.76	156	293693	49.138	ug/l	98
78) n-propylbenzene	12.81	91	1542665	50.629	ug/l	99
79) 2-Chlorotoluene	12.90	91	861080	49.280	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1089404	50.428	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	54771	46.509	ug/l	97
82) 4-Chlorotoluene	13.00	91	904329	49.239	ug/l	99
83) tert-Butylbenzene	13.21	119	962289	50.930	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1094250	50.405	ug/l	99
85) sec-Butylbenzene	13.40	105	1382540	50.915	ug/l	99
86) p-Isopropyltoluene	13.51	119	1240383	51.601	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	613097	48.851	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	601847	48.825	ug/l	99
89) n-Butylbenzene	13.83	91	1149105	50.852	ug/l	98
90) Hexachloroethane	14.10	117	192162	49.896	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	538670	48.832	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28640	45.170	ug/l	98

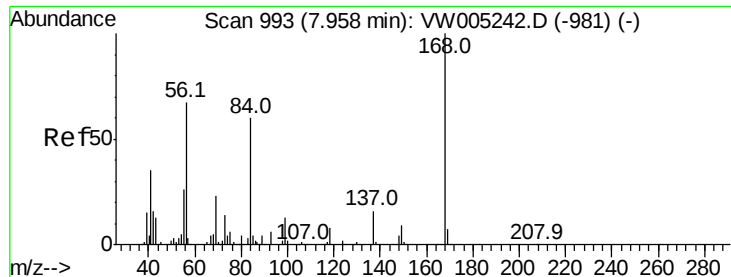
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	370884	47.531	ug/l	99
94) Hexachlorobutadiene	15.25	225	246423	49.316	ug/l	99
95) Naphthalene	15.38	128	592275	46.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	316568	47.148	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

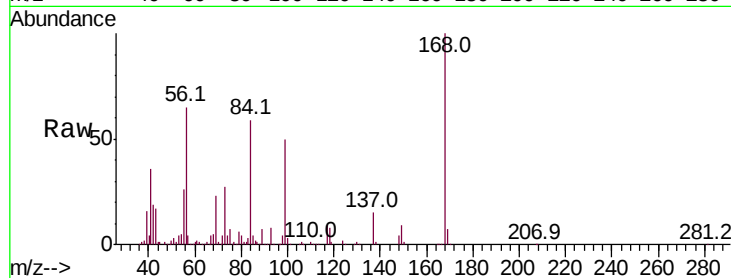
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 486456

Ion Ratio Lower Upper

168 100

99 50.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

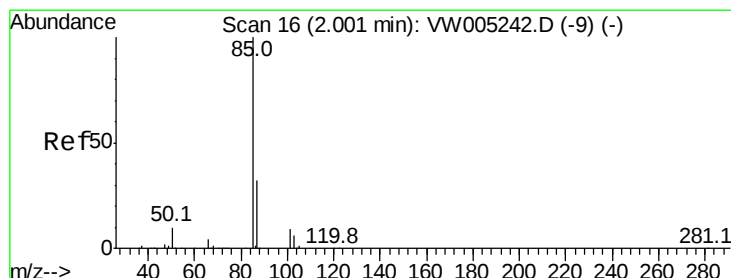
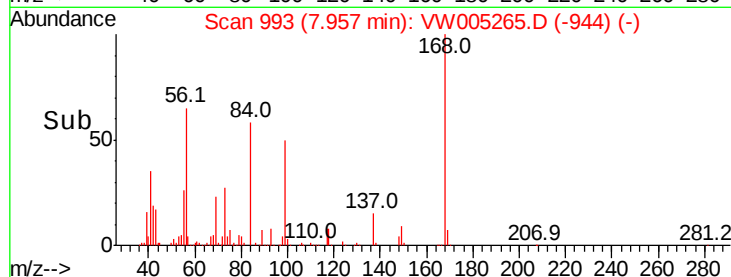
100000

50000

0

7.90 7.96 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.858 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005265.D

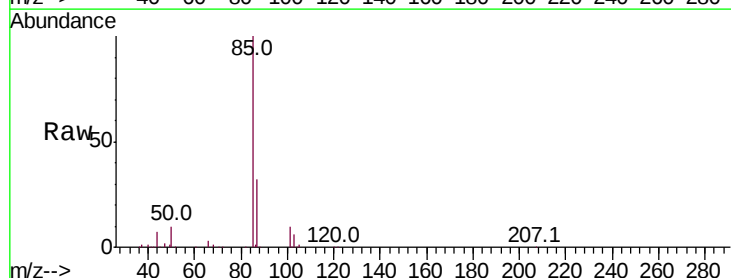
Acq: 11 Sep 2018 10:23

Tgt Ion: 85 Resp: 184043

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

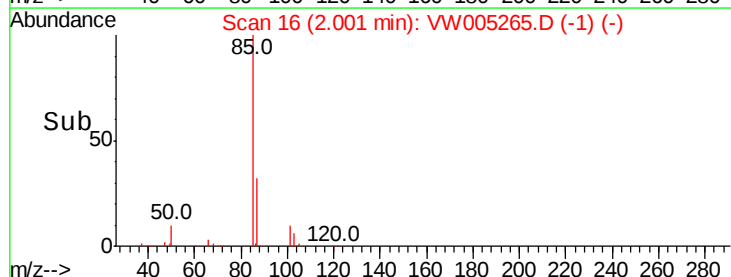
100000

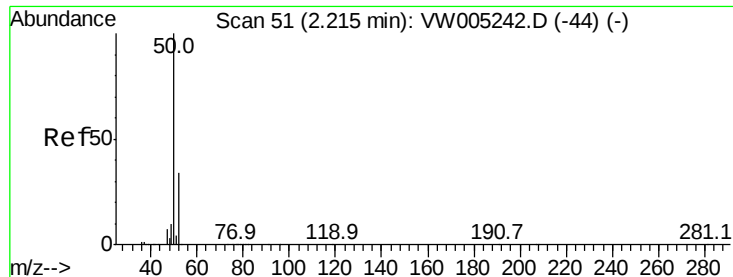
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 44.417 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

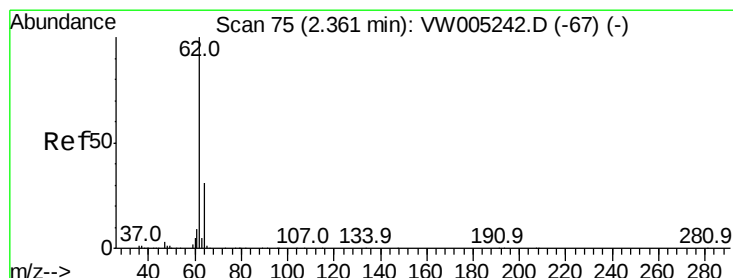
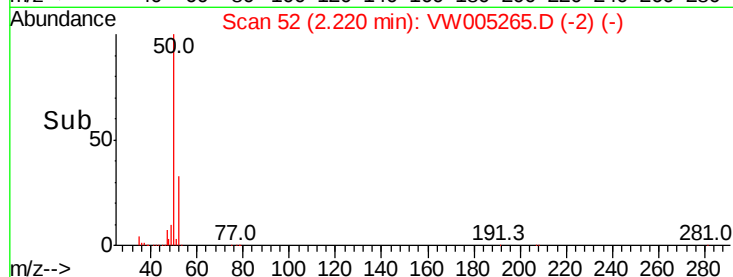
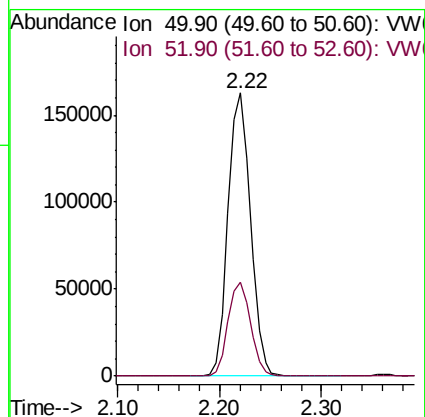
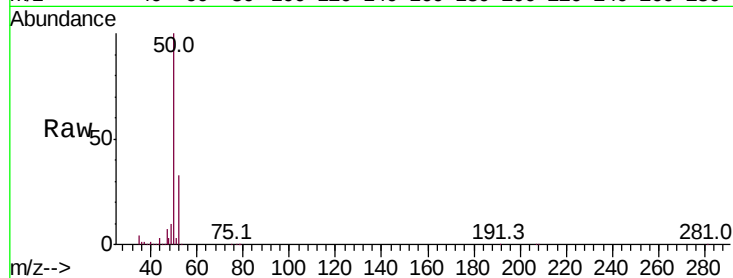
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 249186

Ion Ratio Lower Upper

50 100

52 33.0 27.0 40.4



#4

Vinyl Chloride

Concen: 45.427 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005265.D

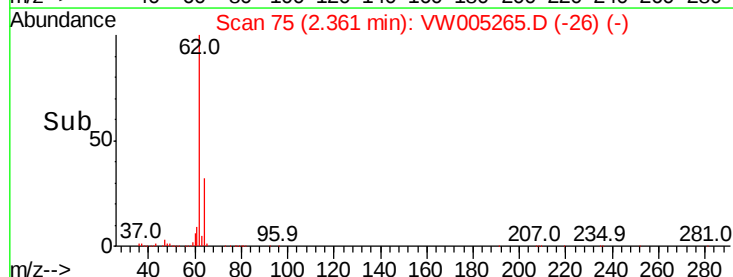
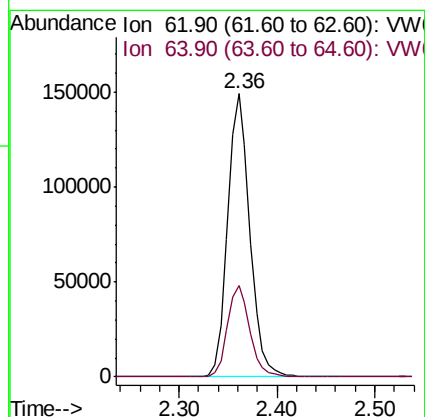
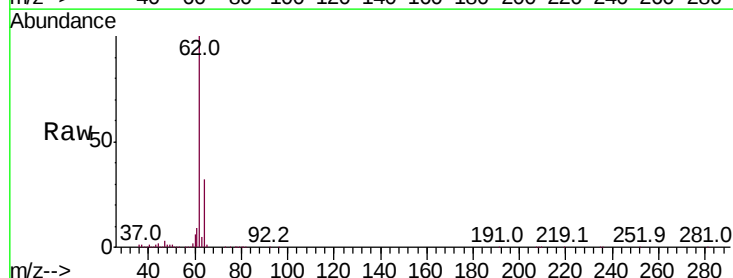
Acq: 11 Sep 2018 10:23

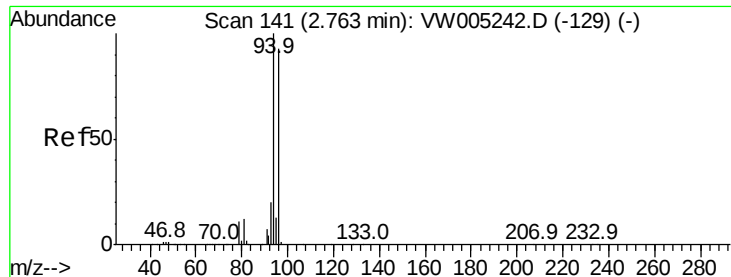
Tgt Ion: 62 Resp: 233965

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 53.847 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

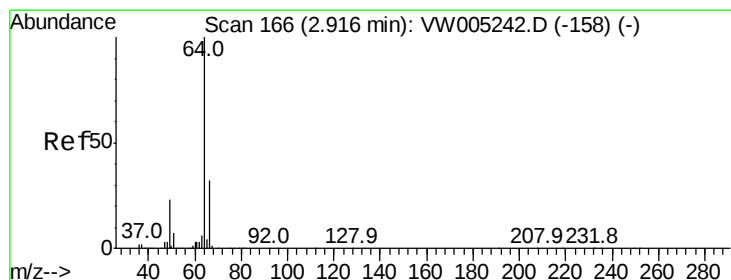
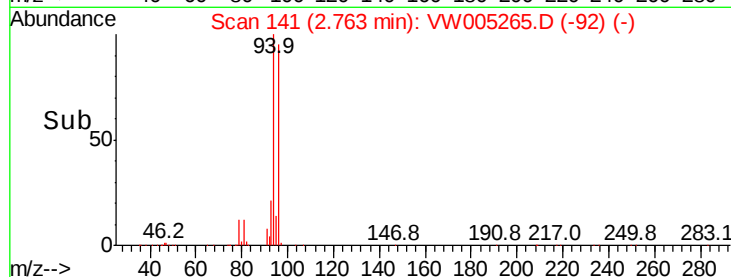
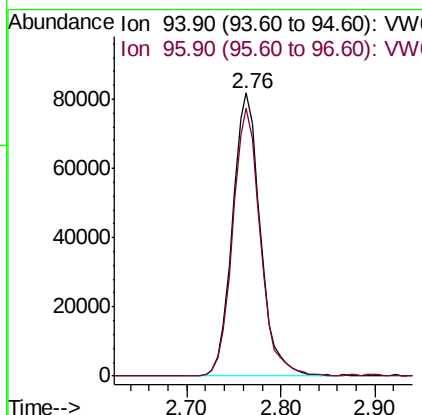
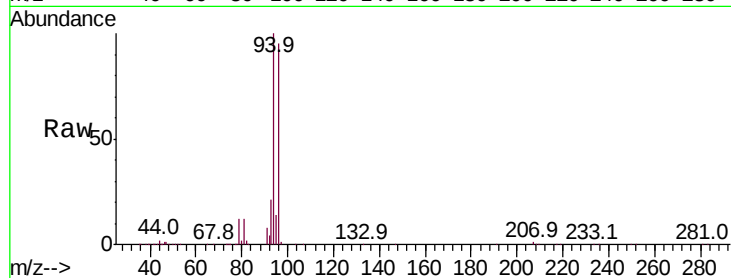
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 167506

Ion Ratio Lower Upper

94 100

96 94.8 74.1 111.1



#6

Chloroethane

Concen: 46.776 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005265.D

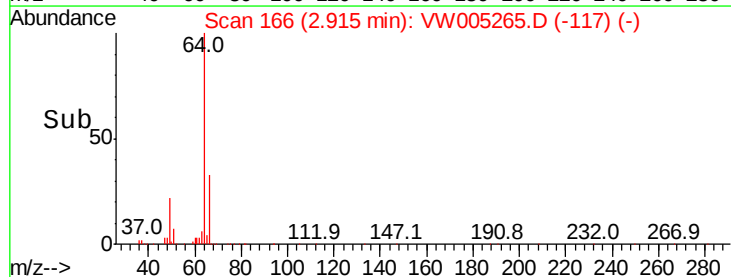
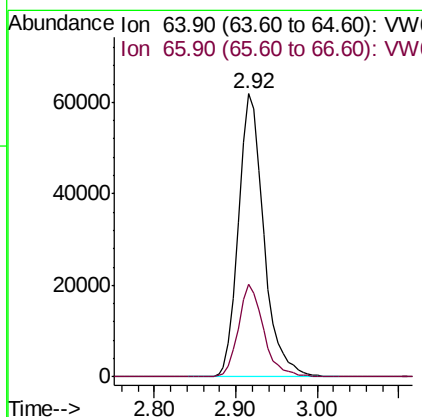
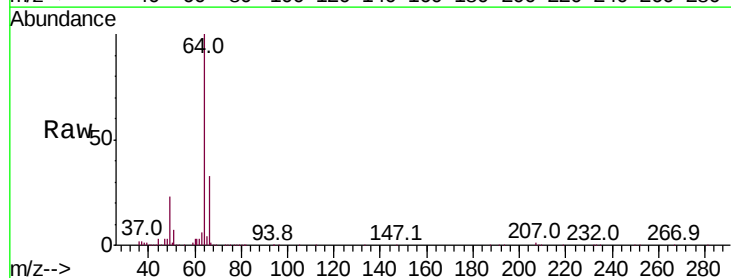
Acq: 11 Sep 2018 10:23

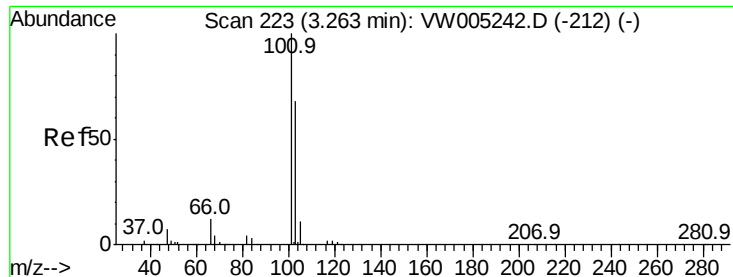
Tgt Ion: 64 Resp: 132705

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9



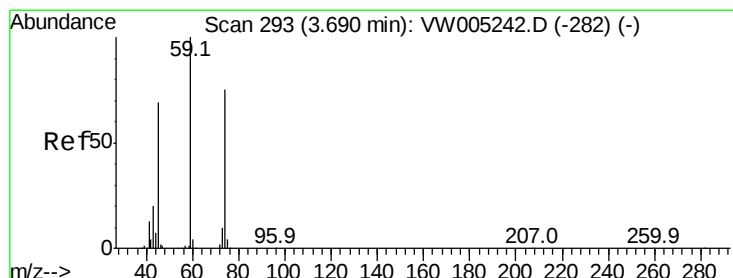
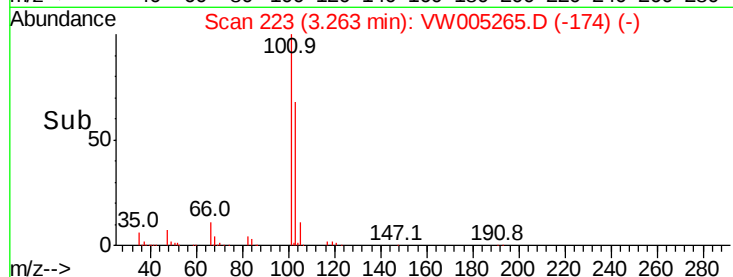
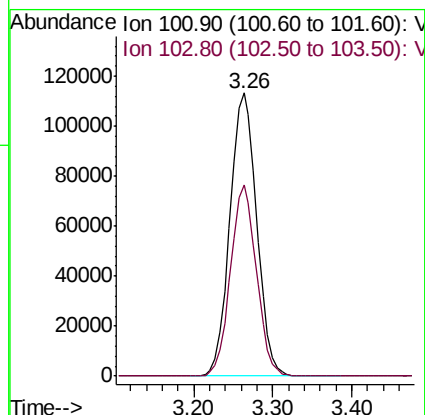
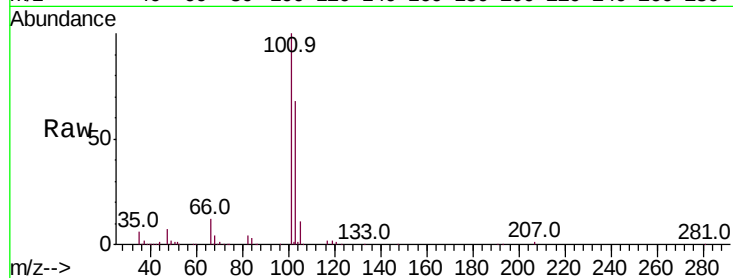


#7

Trichlorofluoromethane
 Concen: 45.853 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :

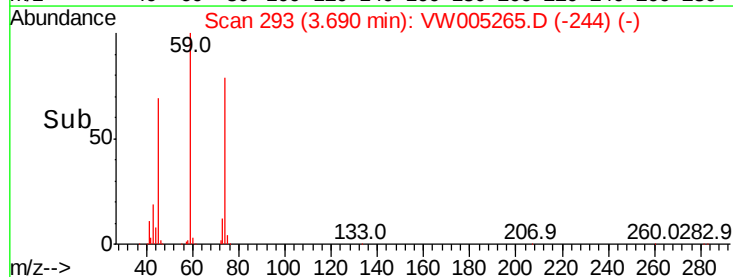
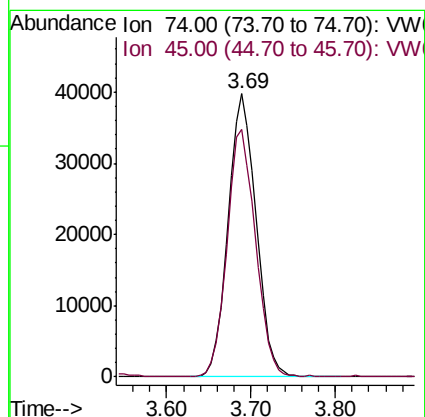
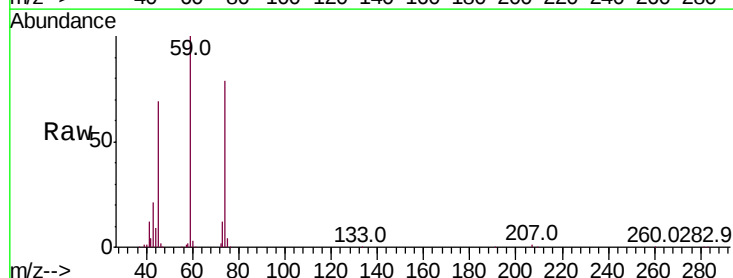
Tot Ion:101 Resp: 267152
 Ion Ratio Lower Upper
 101 100
 103 67.5 54.1 81.1

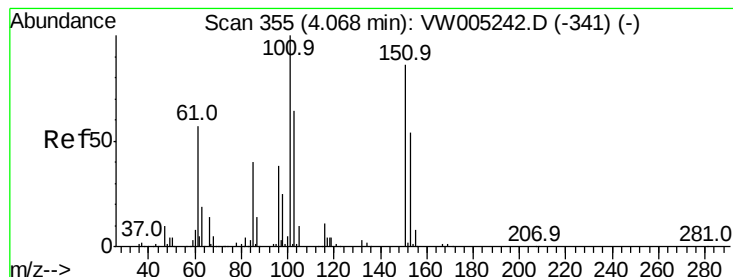


#8

Diethyl Ether
 Concen: 43.290 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion: 74 Resp: 89888
 Ion Ratio Lower Upper
 74 100
 45 88.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.839 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

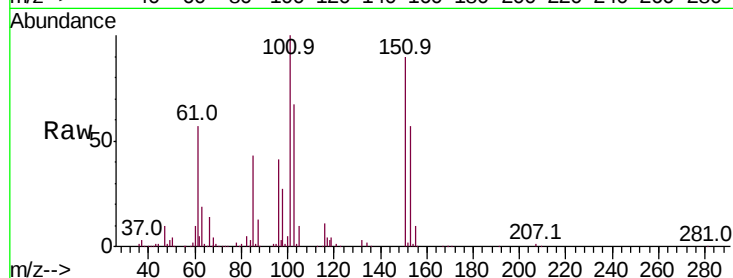
Tot Ion:101 Resp: 186603

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

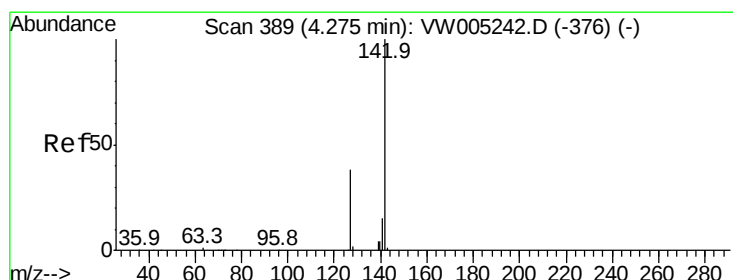
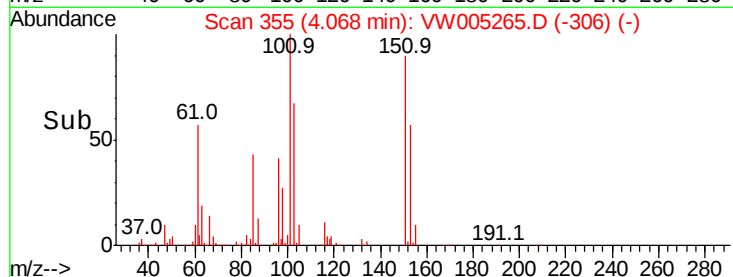
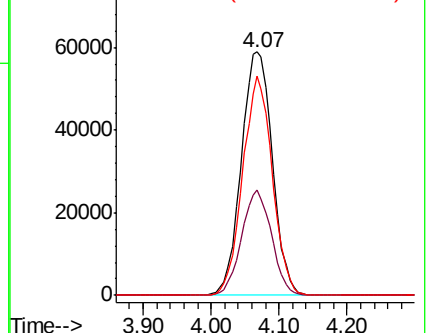
151 86.0 67.6 101.4



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: 39.548 ug/l

RT: 4.27 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

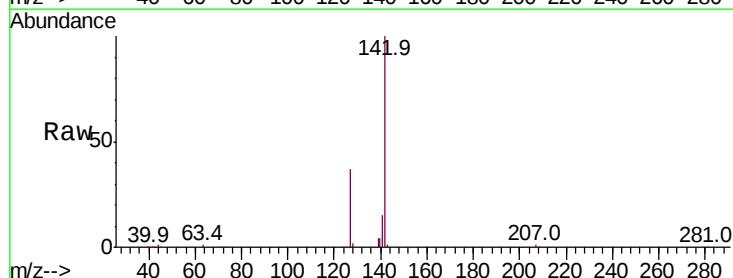
Tgt Ion:142 Resp: 200719

Ion Ratio Lower Upper

142 100

127 38.6 30.3 45.5

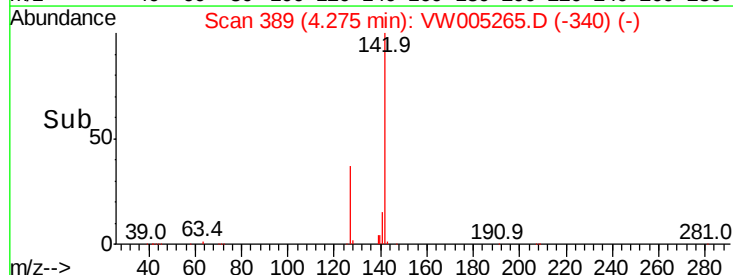
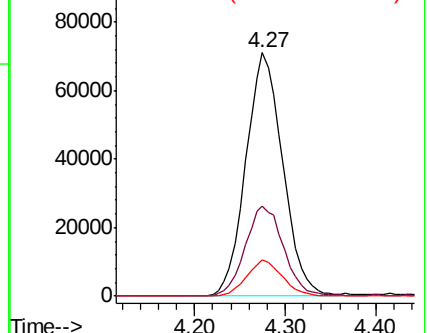
141 14.3 11.4 17.0

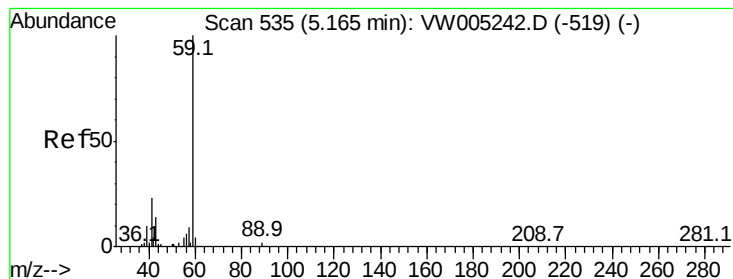


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



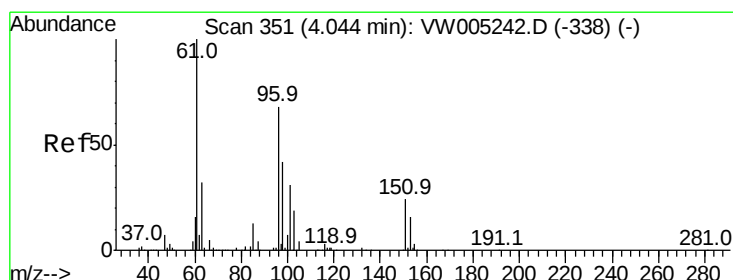
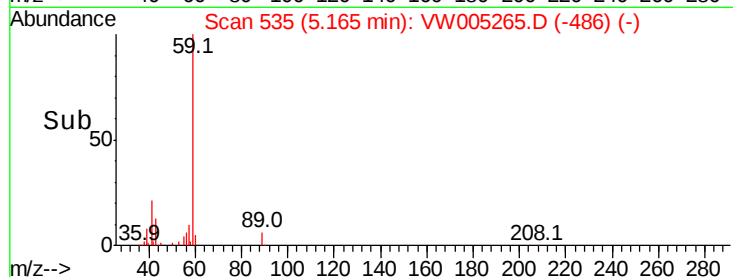
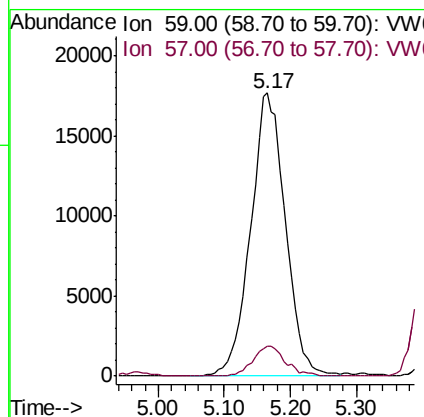
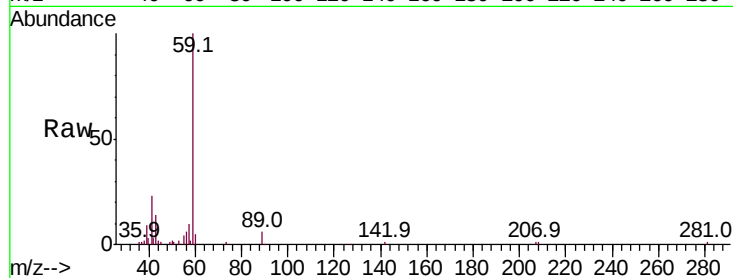


#11

Tert butyl alcohol
 Concen: 216.741 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampled :

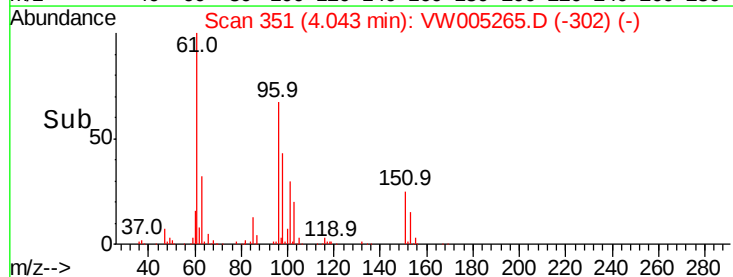
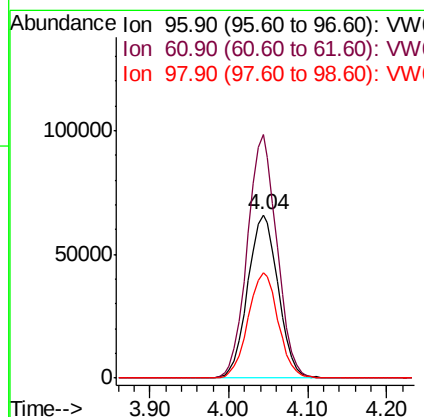
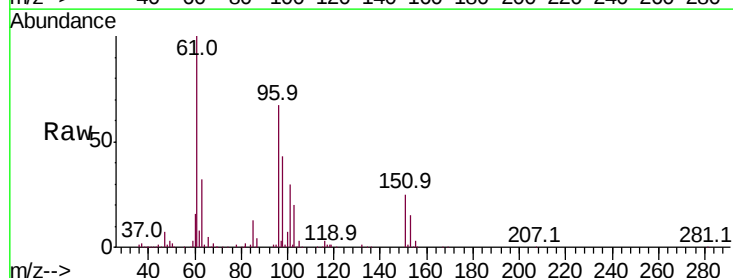
Tot Ion: 59 Resp: 64491
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.1 12.1

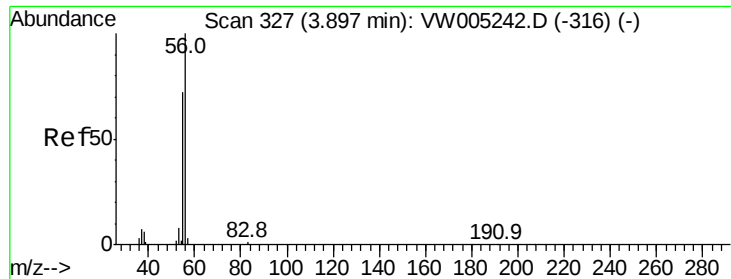


#12

1,1-Dichloroethene
 Concen: 46.058 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion: 96 Resp: 176487
 Ion Ratio Lower Upper
 96 100
 61 149.1 118.2 177.2
 98 64.6 49.9 74.9





#13

Acrolein

Concen: 261.202 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

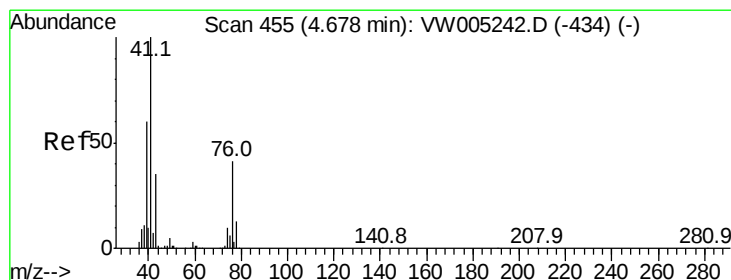
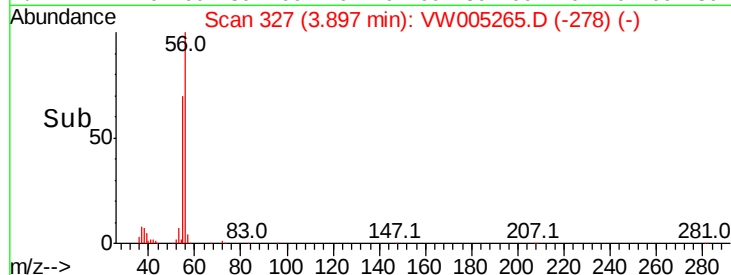
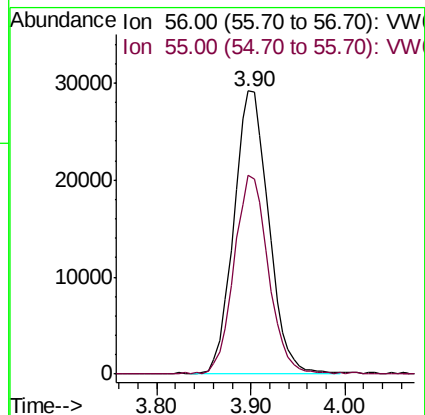
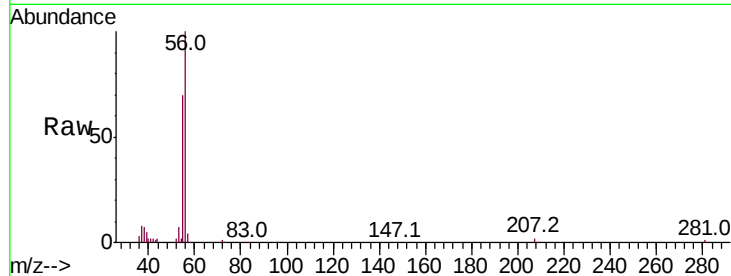
ClientSampleId :

Tot Ion: 56 Resp: 75075

Ion Ratio Lower Upper

56 100

55 67.8 56.8 85.2



#14

Allyl chloride

Concen: 44.640 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

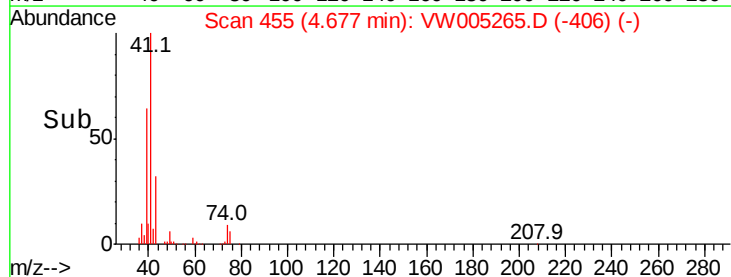
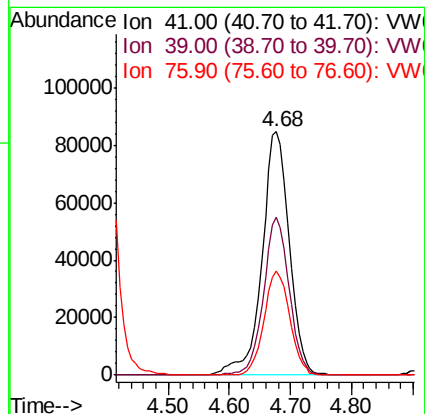
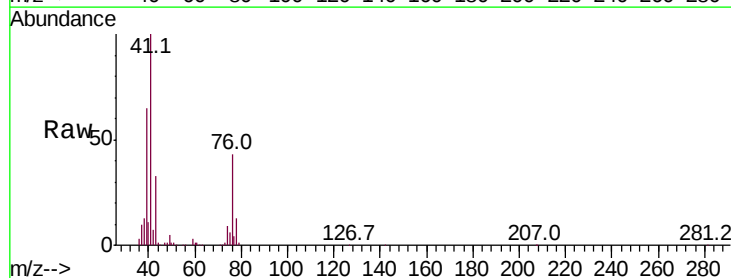
Tgt Ion: 41 Resp: 262834

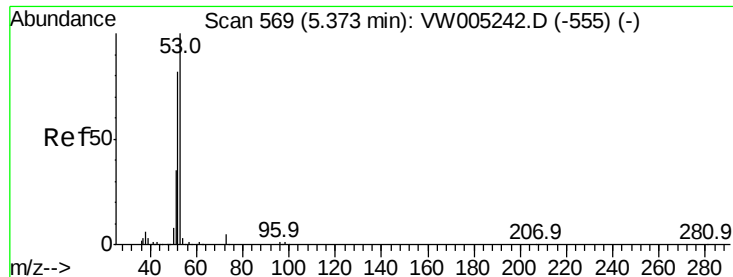
Ion Ratio Lower Upper

41 100

39 61.2 48.2 72.4

76 40.3 31.7 47.5





#15

Acrylonitrile

Concen: 217.695 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

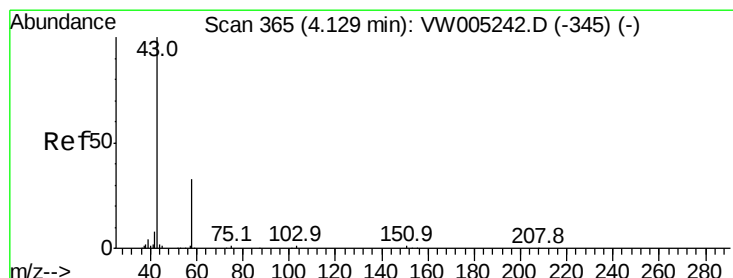
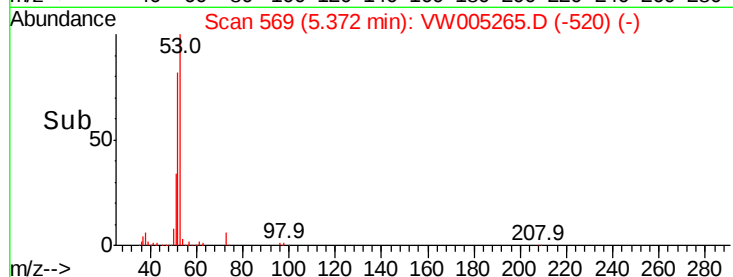
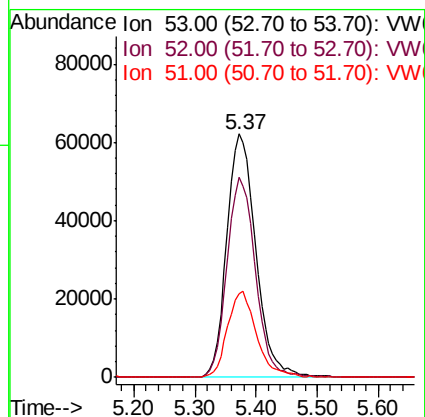
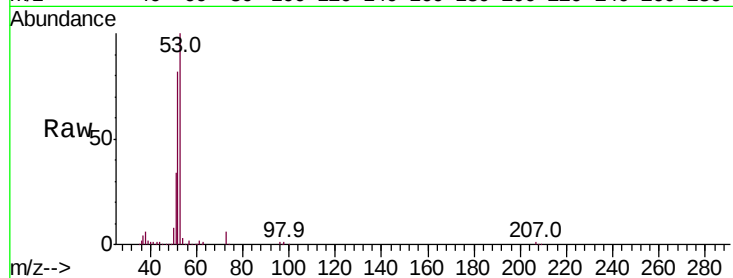
Tot Ion: 53 Resp: 203934

Ion Ratio Lower Upper

53 100

52 80.5 66.0 99.0

51 35.5 28.6 43.0



#16

Acetone

Concen: 227.457 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005265.D

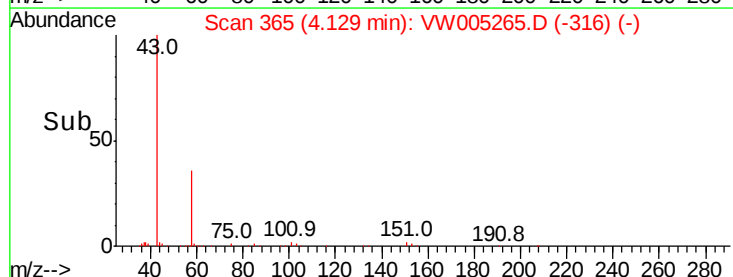
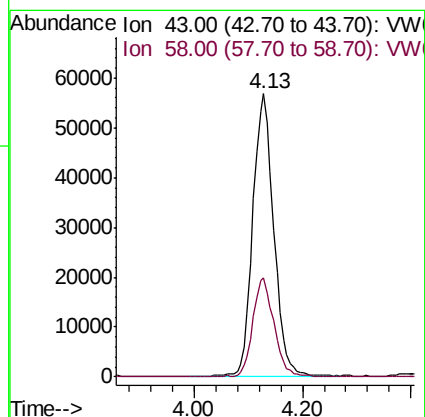
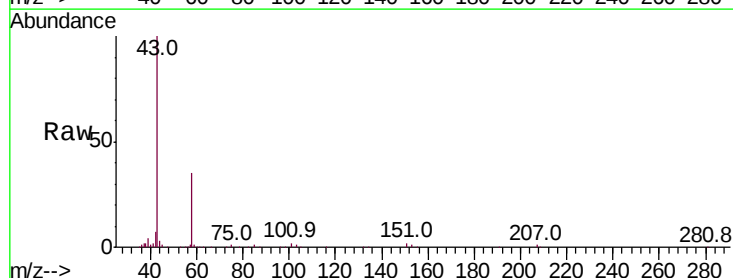
Acq: 11 Sep 2018 10:23

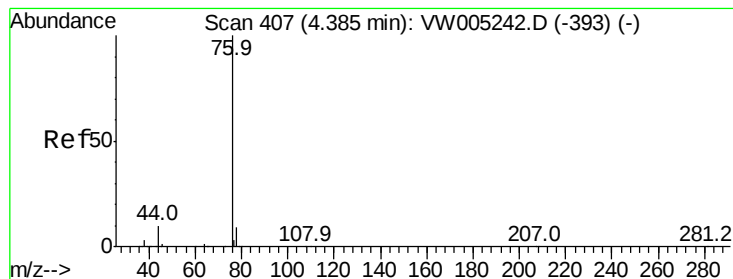
Tgt Ion: 43 Resp: 153185

Ion Ratio Lower Upper

43 100

58 34.9 26.7 40.1





#17

Carbon Disulfide

Concen: 45.361 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

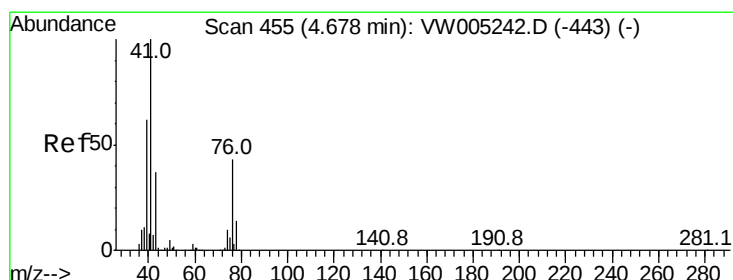
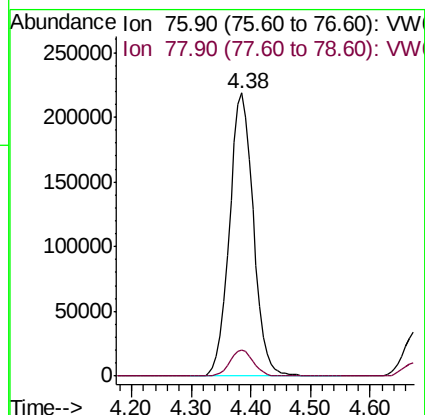
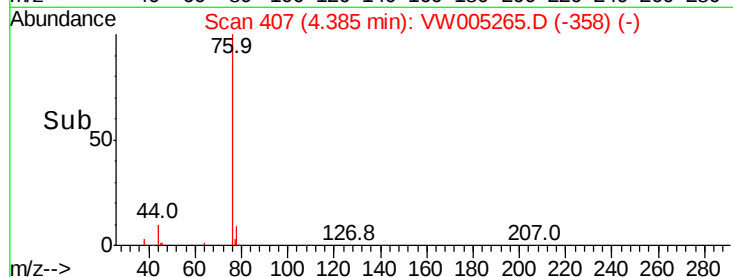
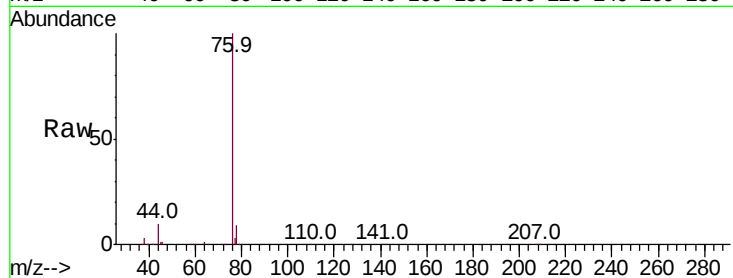
ClientSampleId :

Tot Ion: 76 Resp: 610108

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 43.228 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005265.D

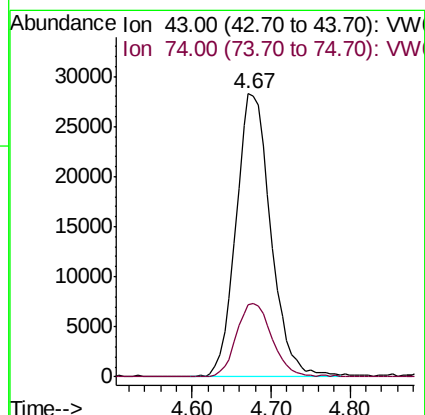
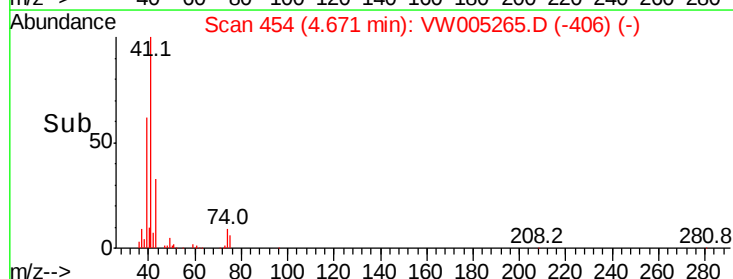
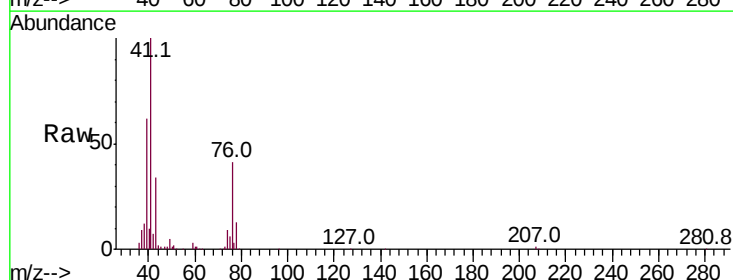
Acq: 11 Sep 2018 10:23

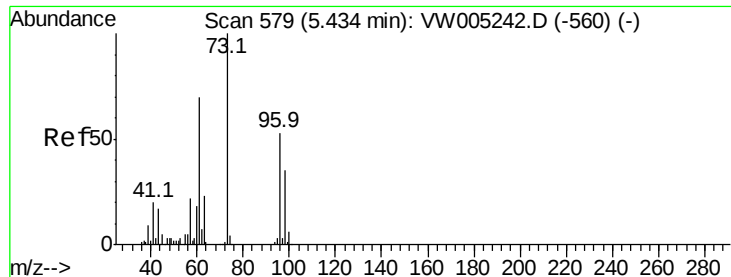
Tgt Ion: 43 Resp: 86905

Ion Ratio Lower Upper

43 100

74 26.3 21.4 32.2

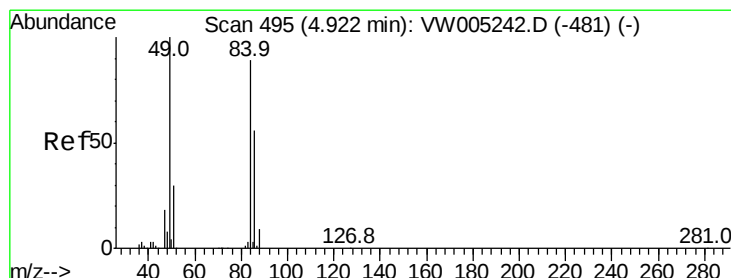
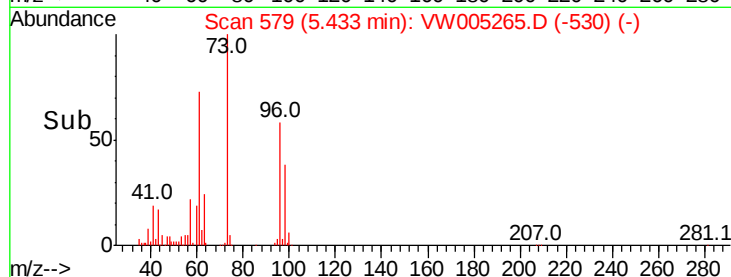
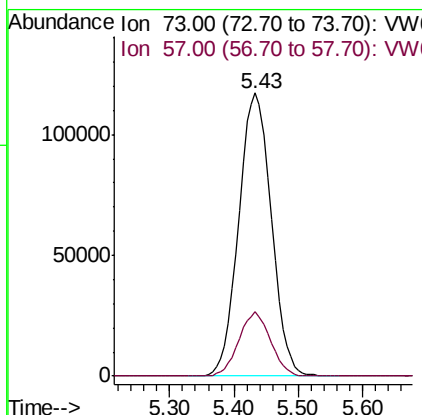
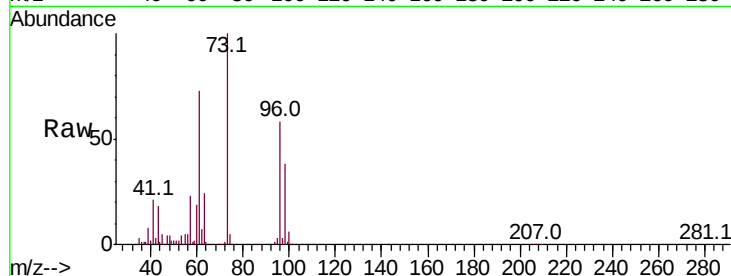




#19
Methvl tert-butvl Ether
Concen: 44.785 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

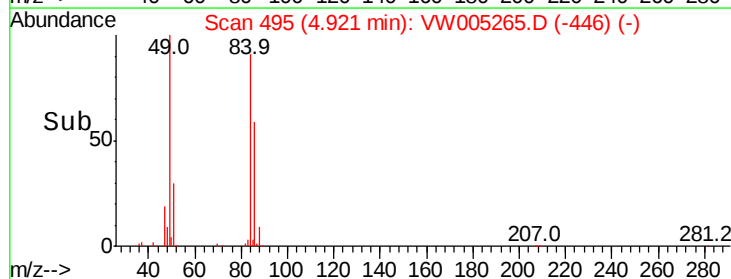
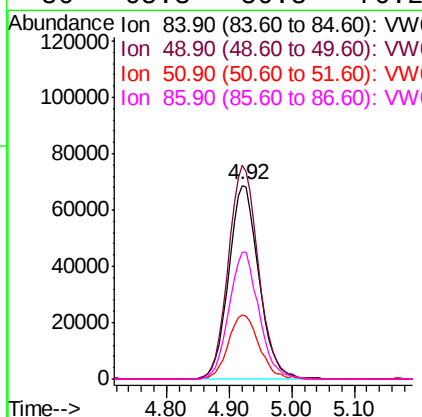
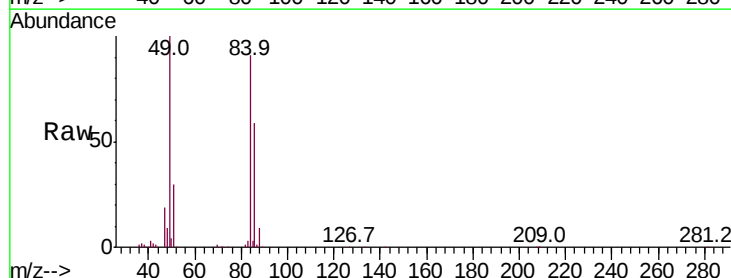
Instrument :
MSVOA_W
ClientSampled :

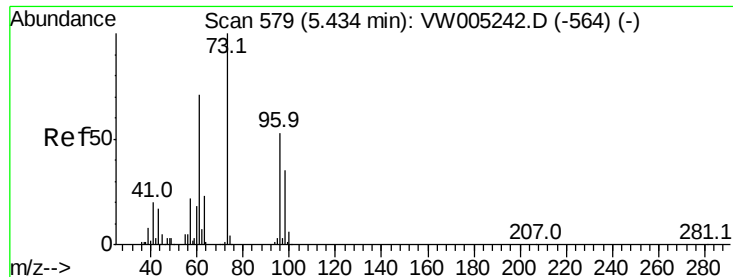
Tot Ion: 73 Resp: 408743
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#20
Methylene Chloride
Concen: 45.372 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 84 Resp: 228615
Ion Ratio Lower Upper
84 100
49 110.2 90.3 135.5
51 33.1 26.9 40.3
86 65.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.012 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :

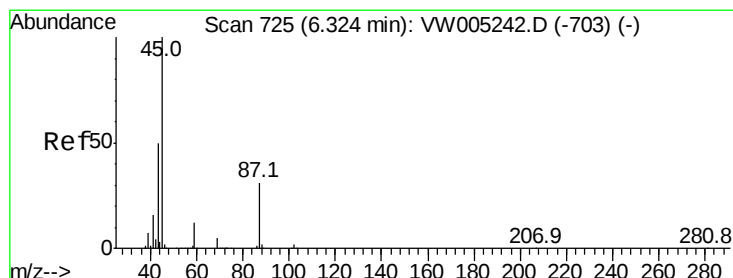
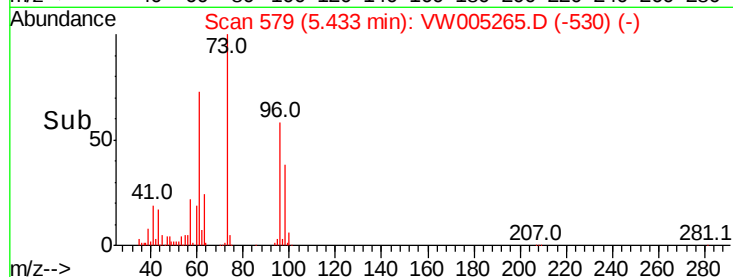
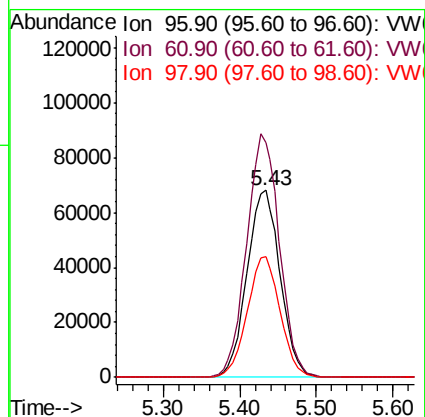
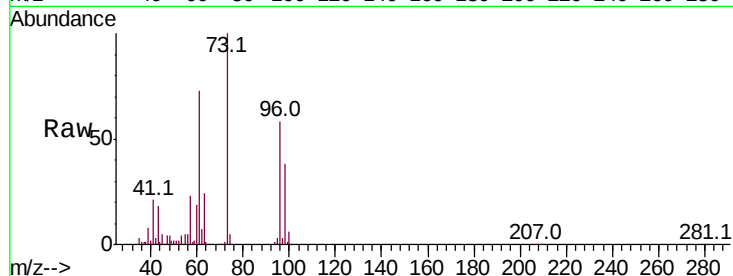
Tot Ion: 96 Resp: 205860

Ion Ratio Lower Upper

96 100

61 125.5 105.7 158.5

98 64.5 52.8 79.2



#22

Diisopropyl ether

Concen: 46.556 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion: 45 Resp: 551848

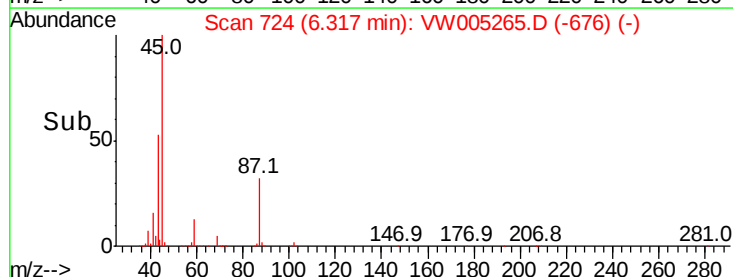
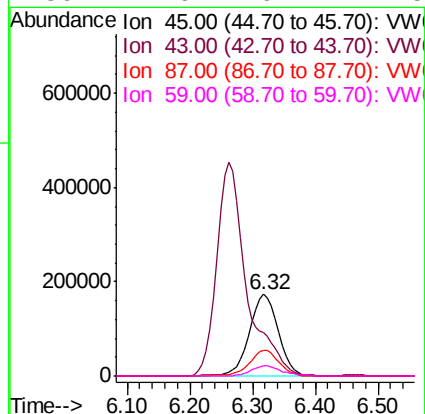
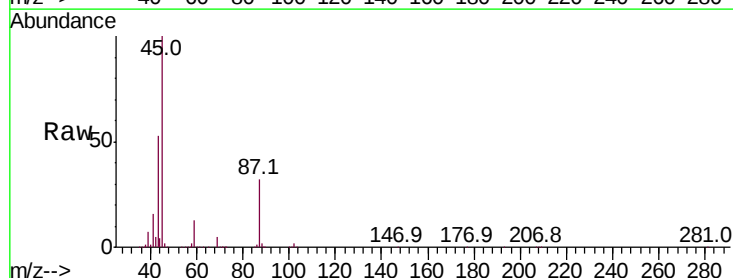
Ion Ratio Lower Upper

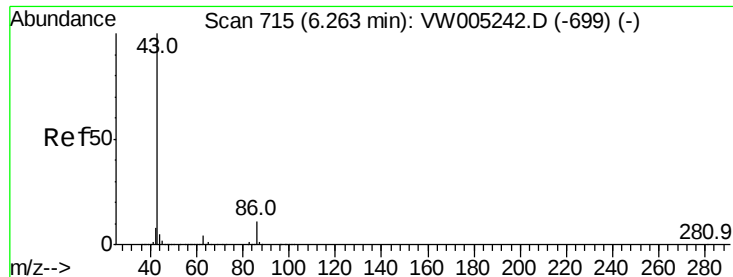
45 100

43 52.5 39.6 59.4

87 31.5 24.7 37.1

59 12.6 9.7 14.5





#23

Vinyl Acetate

Concen: 226.315 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

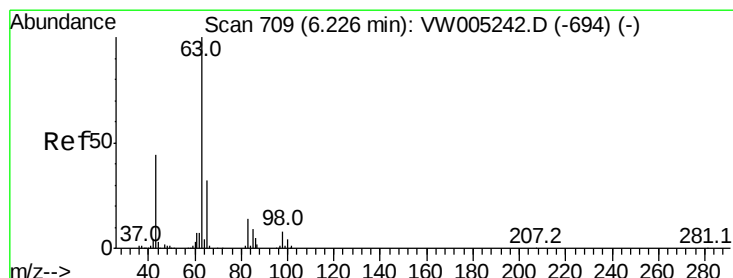
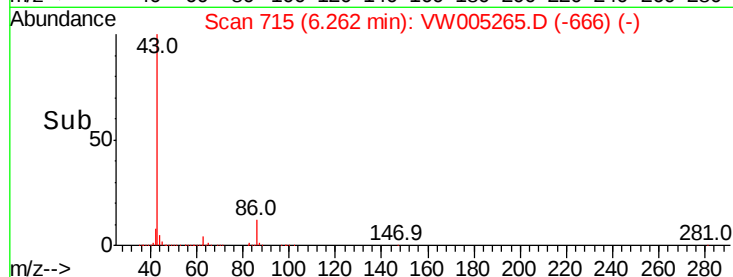
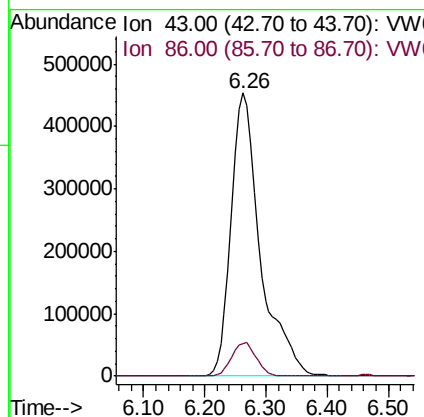
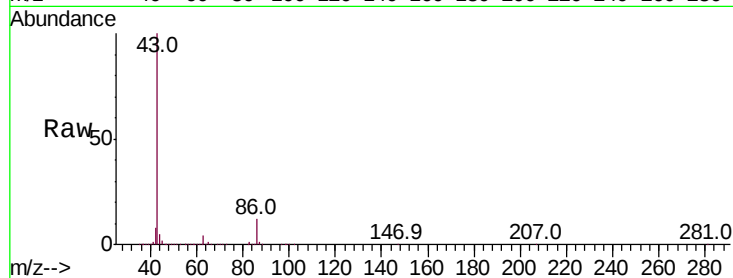
ClientSampled :

Tot Ion: 43 Resp: 1495002

Ion Ratio Lower Upper

43 100

86 11.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 45.266 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

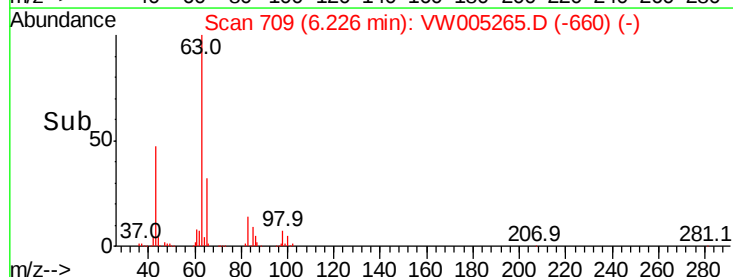
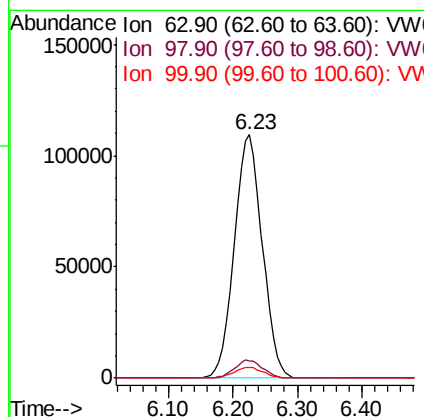
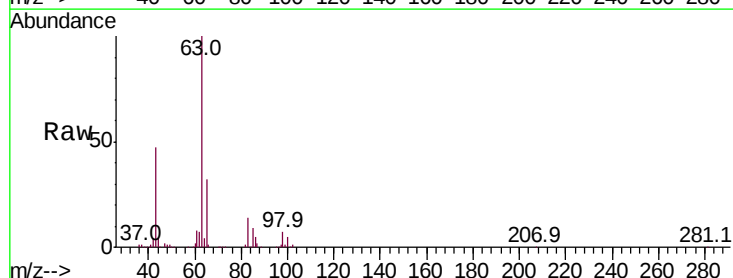
Tgt Ion: 63 Resp: 330287

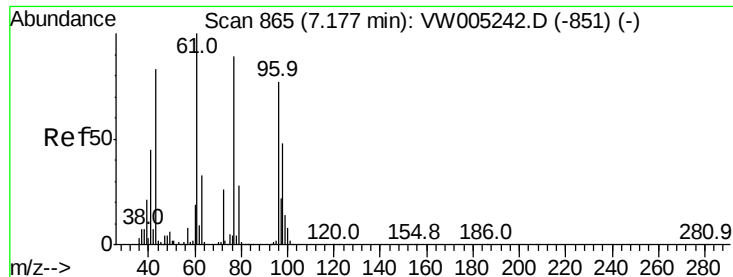
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 229.038 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

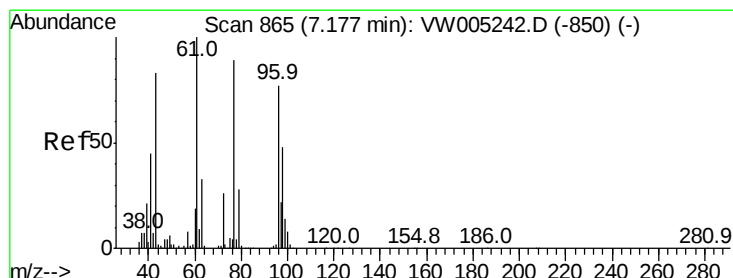
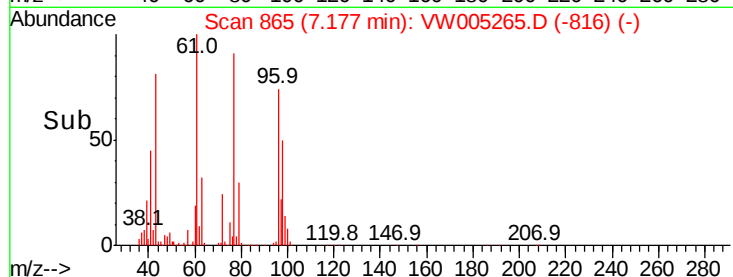
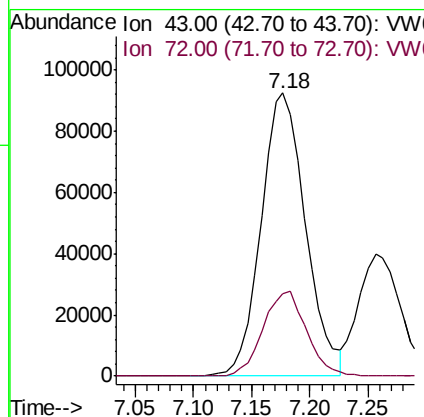
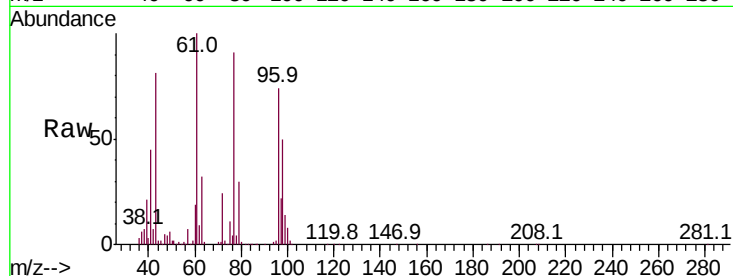
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 243307

Ion Ratio Lower Upper

43 100

72 29.2 25.0 37.6



#26

2,2-Dichloropropane

Concen: 48.117 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005265.D

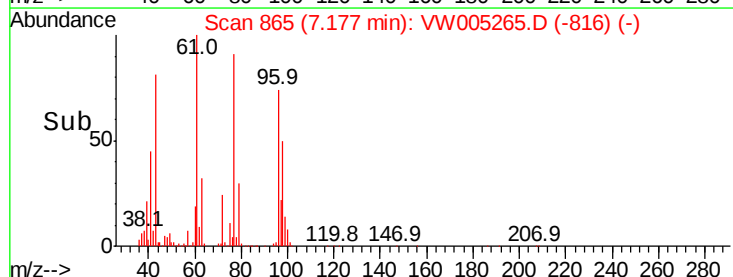
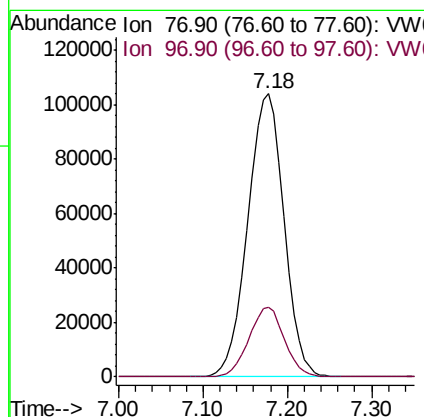
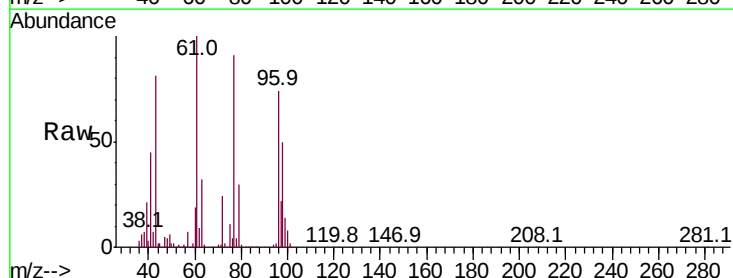
Acq: 11 Sep 2018 10:23

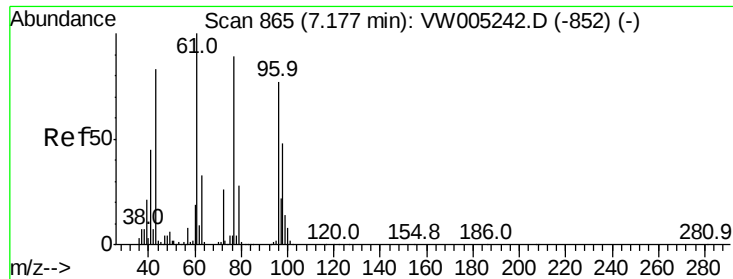
Tgt Ion: 77 Resp: 304401

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6



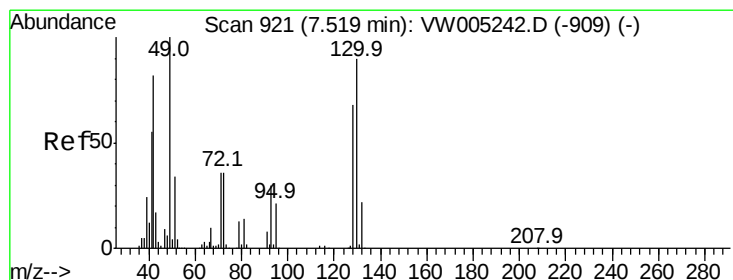
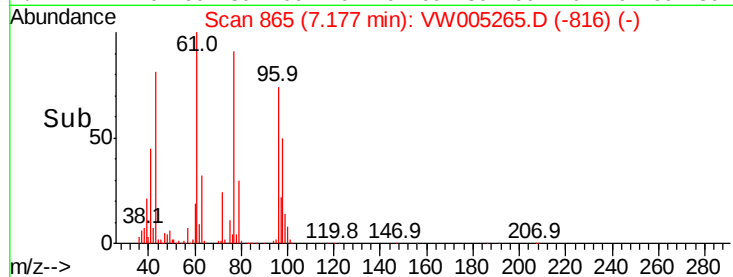
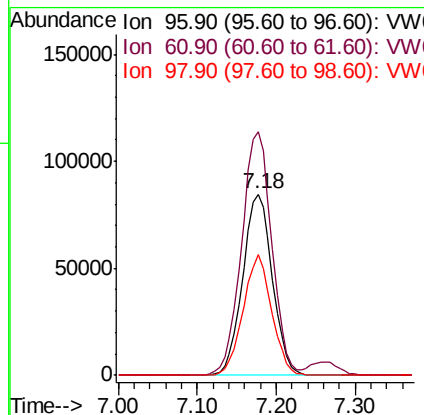
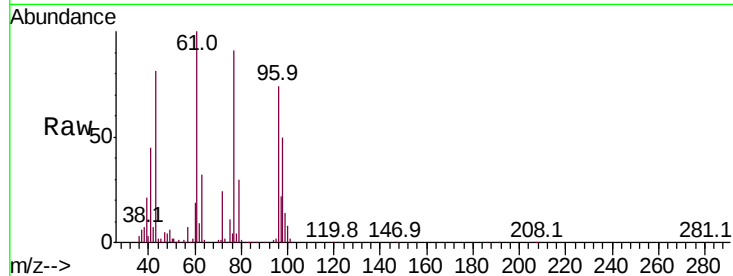


#27

cis-1,2-Dichloroethene
Concen: 46.136 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampled :

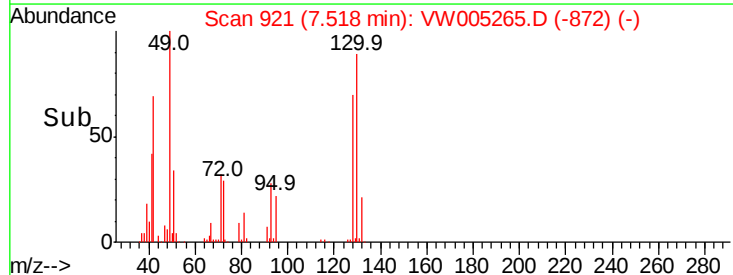
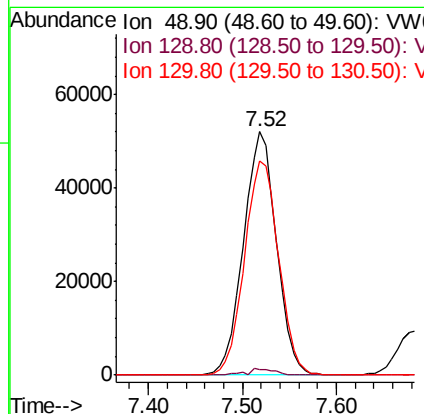
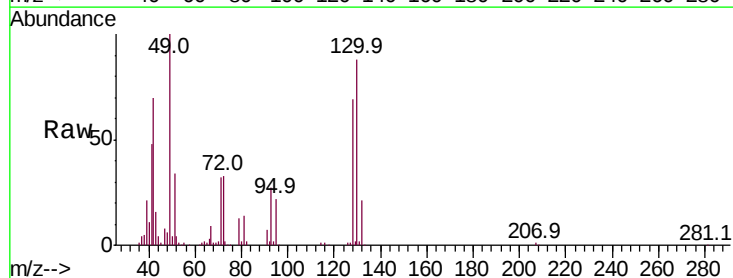
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	273.4
98	64.3	0.0	127.8

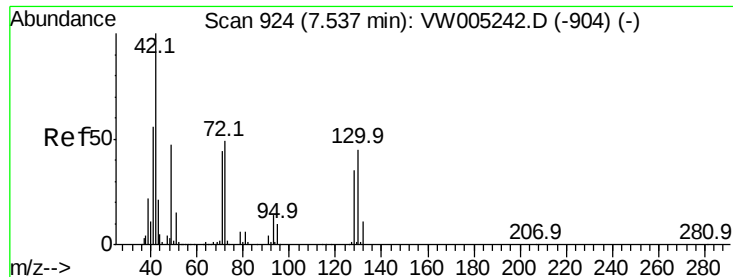


#28

Bromochloromethane
Concen: 47.397 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.0#
130	91.3	71.2	106.8

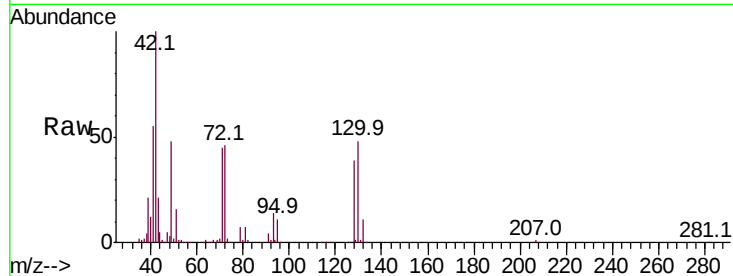




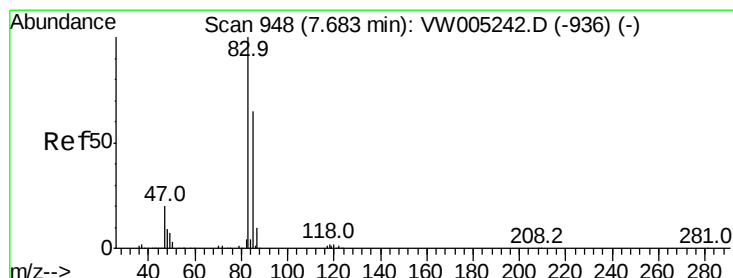
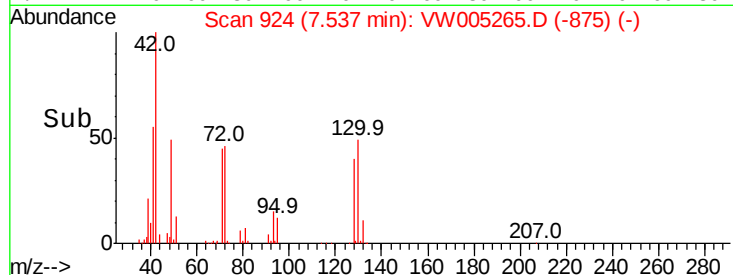
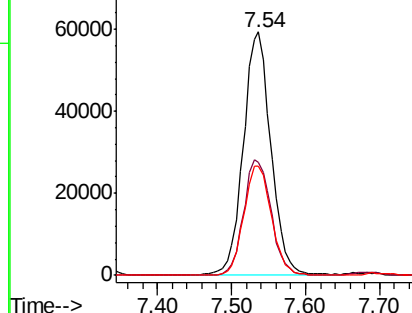
#29
Tetrahydrofuran
Concen: 214.937 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 153869
Ion Ratio Lower Upper
42 100
72 47.6 37.5 56.3
71 45.2 34.8 52.2

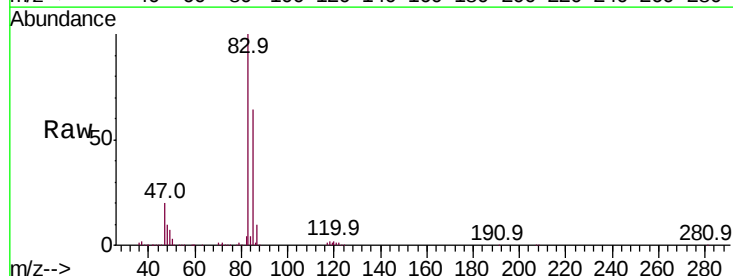


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

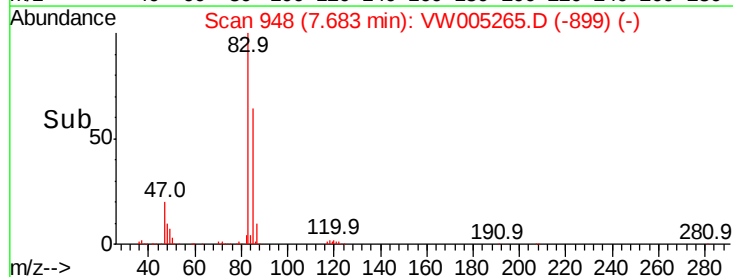
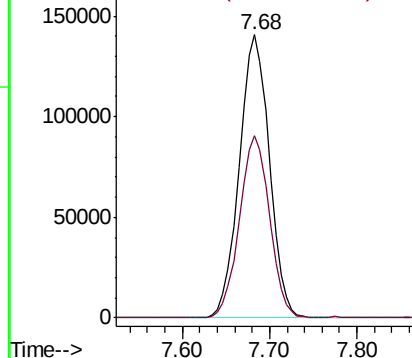


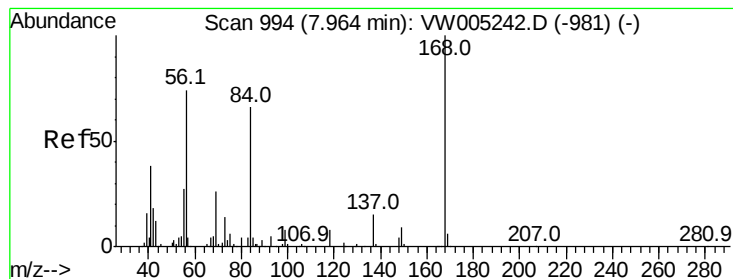
#30
Chloroform
Concen: 45.881 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 83 Resp: 335966
Ion Ratio Lower Upper
83 100
85 64.2 51.7 77.5



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





#31

Cyclohexane

Concen: 46.141 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampled :

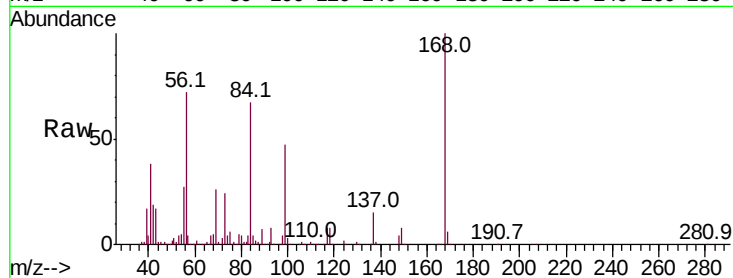
Tot Ion: 56 Resp: 358235

Ion Ratio Lower Upper

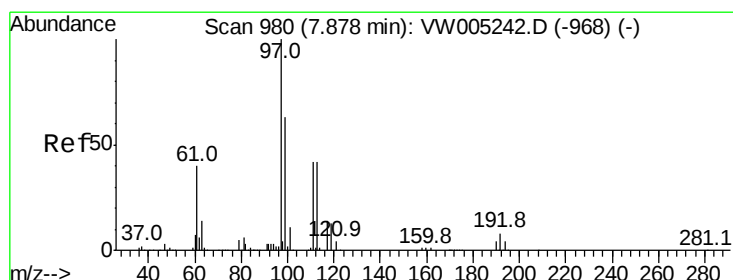
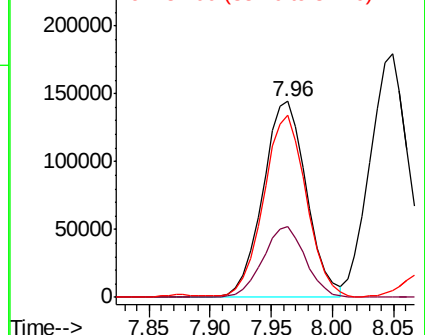
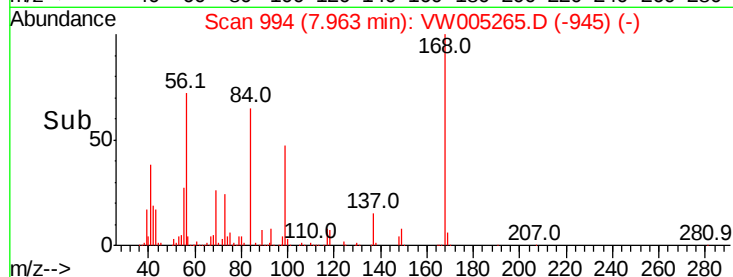
56 100

69 36.2 27.8 41.8

84 91.7 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: 47.060 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

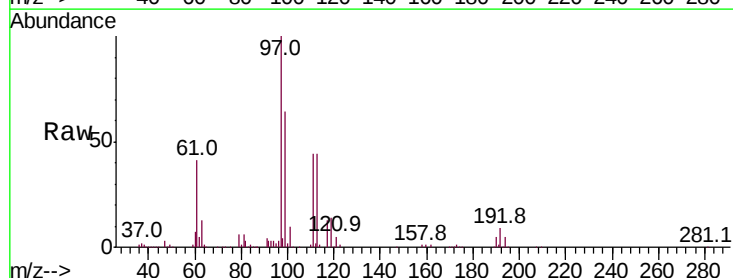
Tgt Ion: 97 Resp: 311310

Ion Ratio Lower Upper

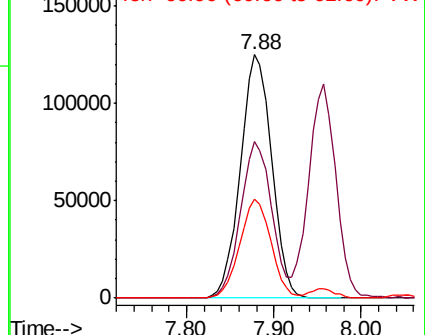
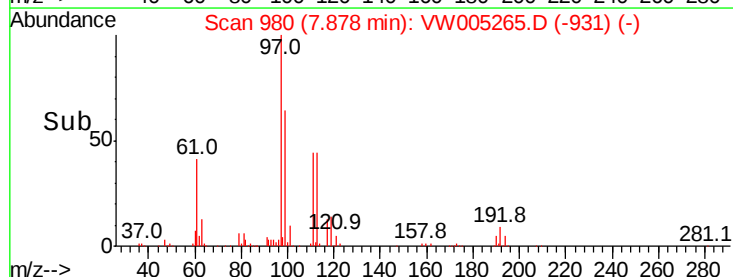
97 100

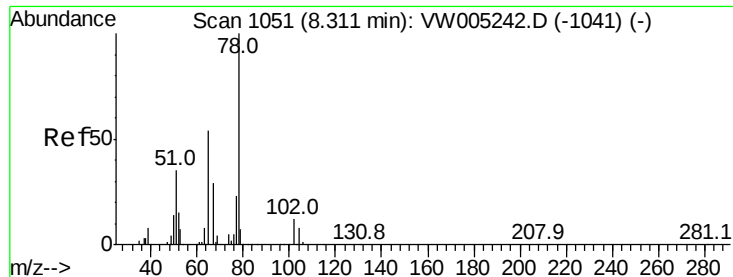
99 63.6 51.5 77.3

61 40.4 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

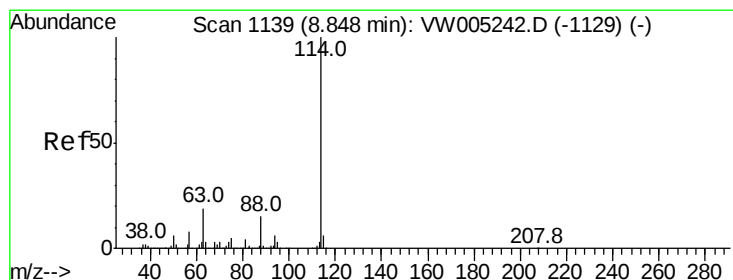
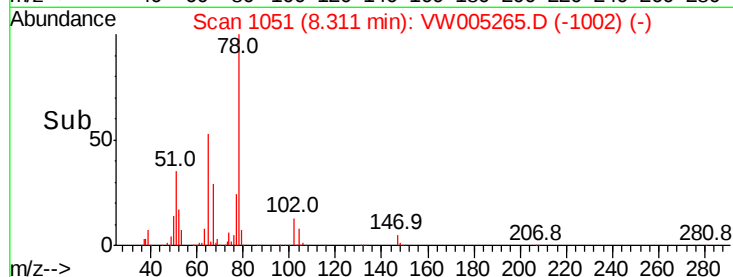
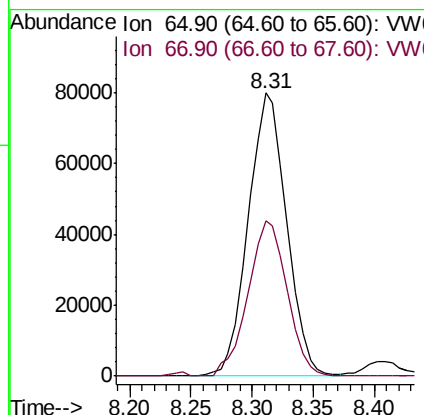
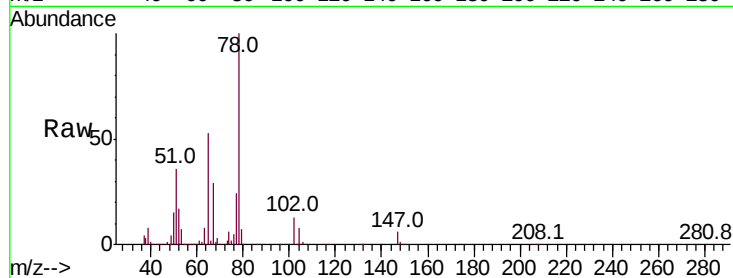




#33
 1,2-Dichloroethane-d4
 Concen: 48.046 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

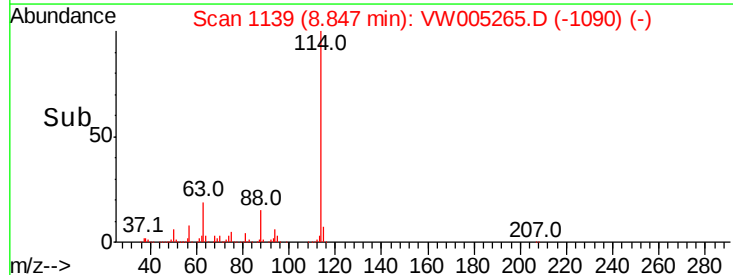
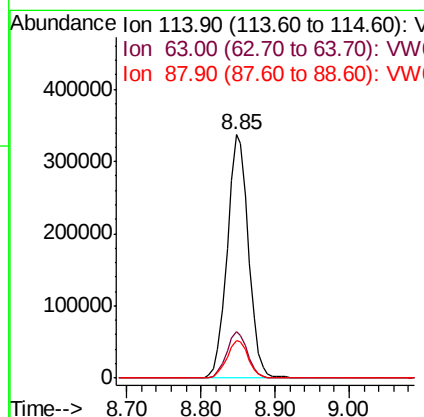
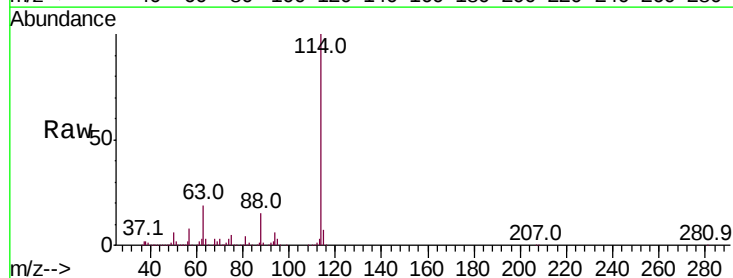
Instrument :
 MSVOA_W
 ClientSampled :

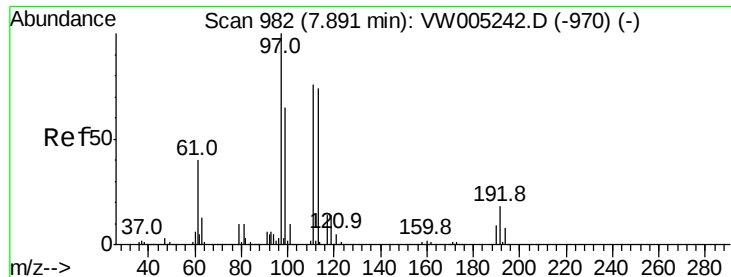
Tot Ion: 65 Resp: 174324
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion: 114 Resp: 667940
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.0
 88 15.2 0.0 30.4

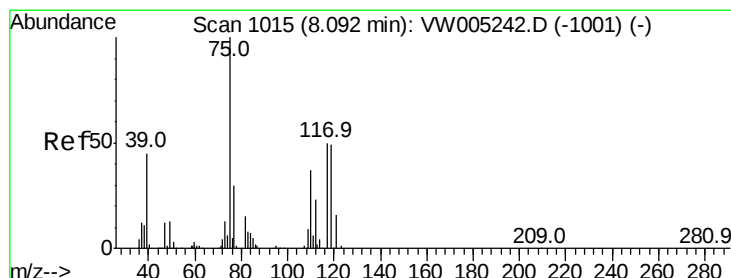
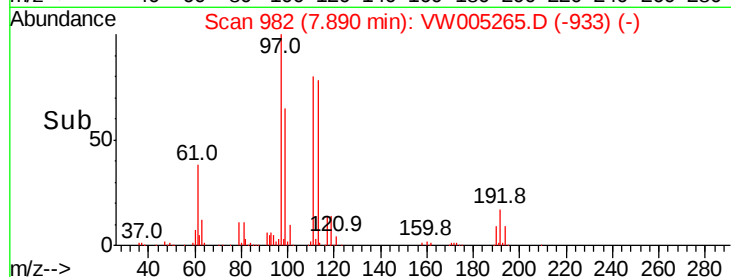
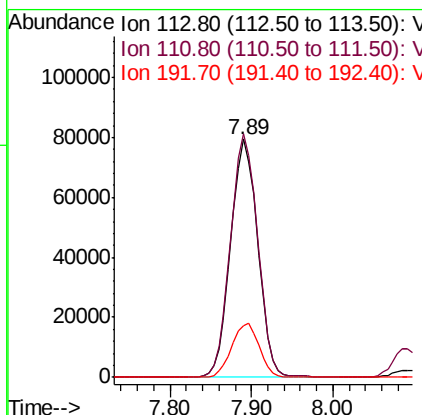
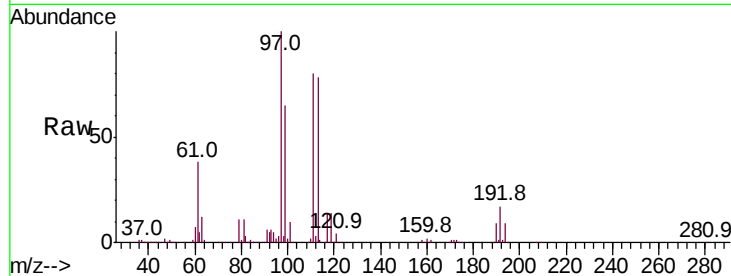




#35
Dibromofluoromethane
Concen: 52.150 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

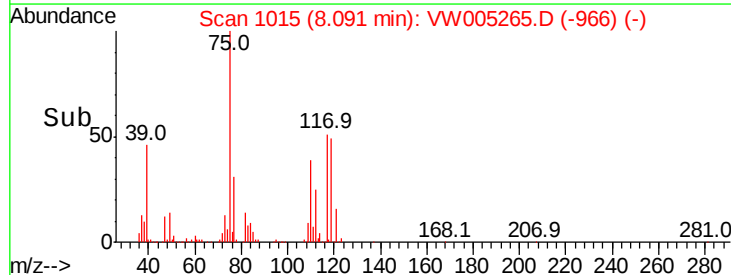
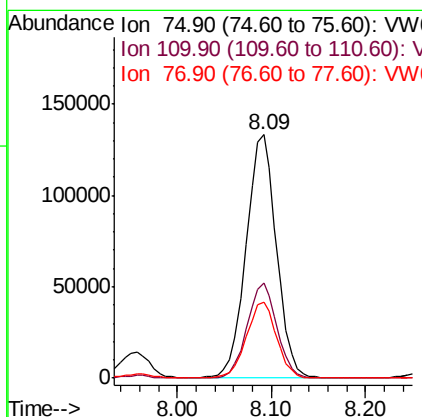
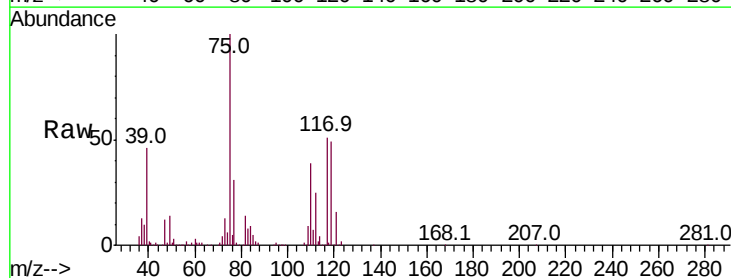
Instrument :
MSVOA_W
ClientSampled :

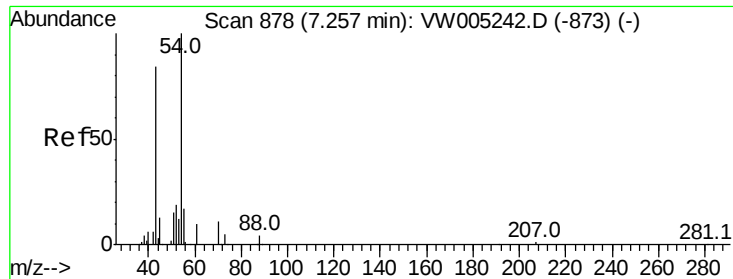
Tot Ion:113 Resp: 182468
Ion Ratio Lower Upper
113 100
111 102.9 80.6 121.0
192 23.1 18.3 27.5



#36
1,1-Dichloropropene
Concen: 49.022 ug/l
RT: 8.09 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 75 Resp: 299990
Ion Ratio Lower Upper
75 100
110 38.3 18.8 56.4
77 31.2 24.9 37.3

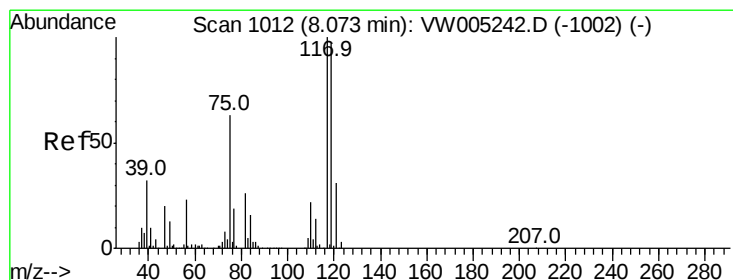
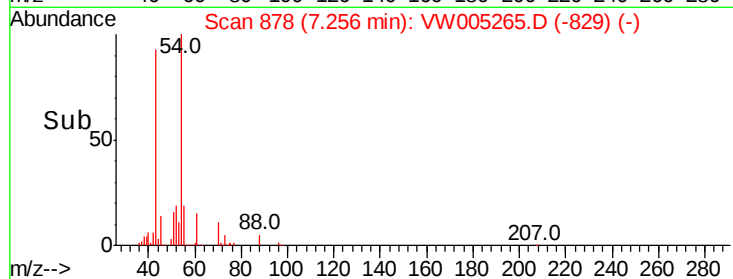
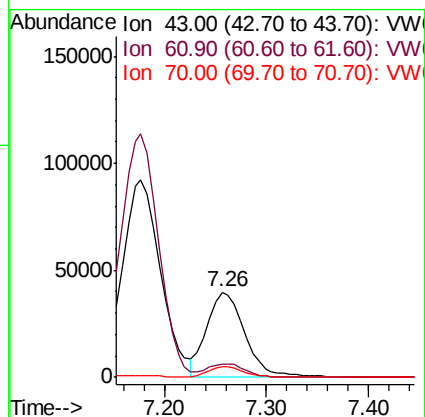
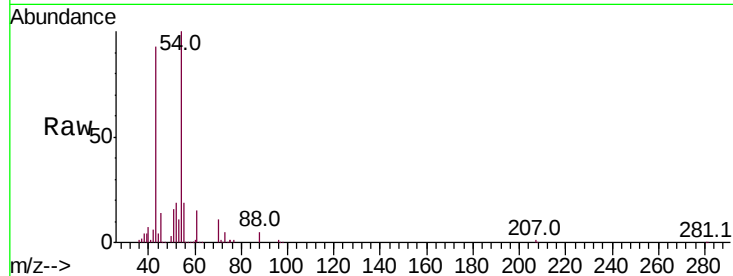




#37
Ethyl Acetate
Concen: 43.932 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

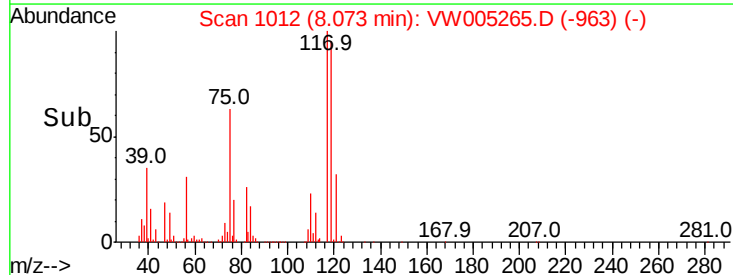
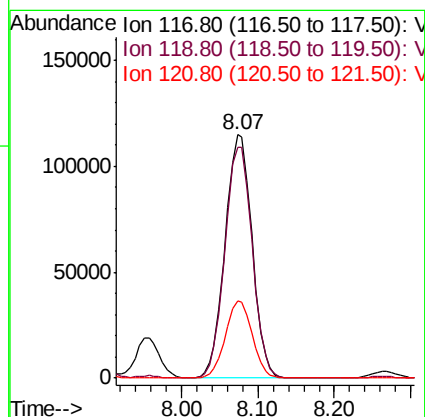
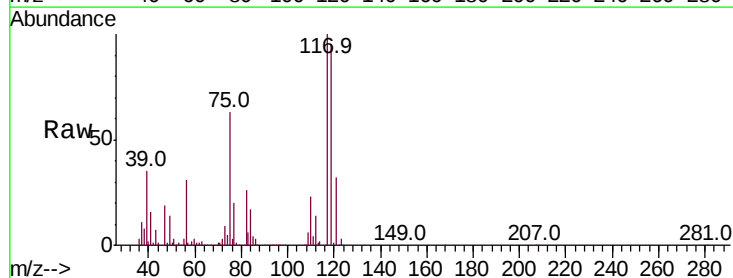
Instrument :
MSVOA_W
ClientSampled :

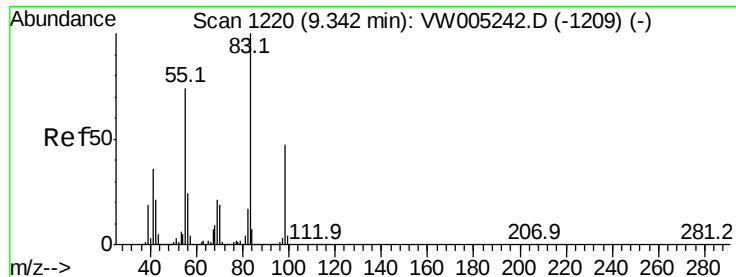
Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.3	18.5
70	12.3	9.5	14.3



#38
Carbon Tetrachloride
Concen: 49.112 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.5	116.3
121	31.7	24.7	37.1

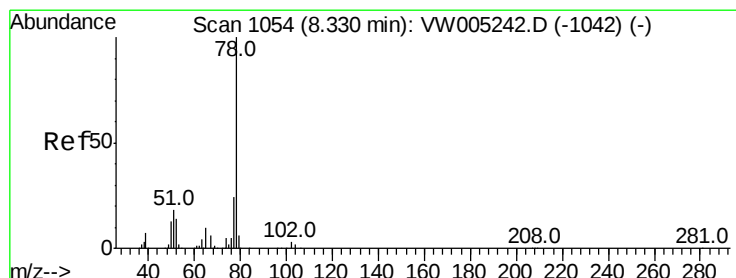
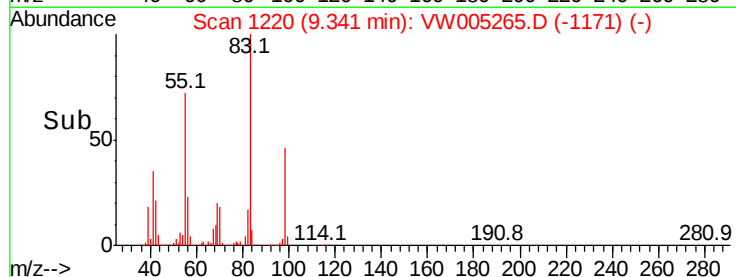
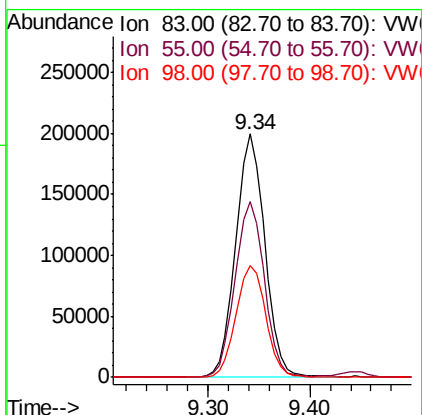
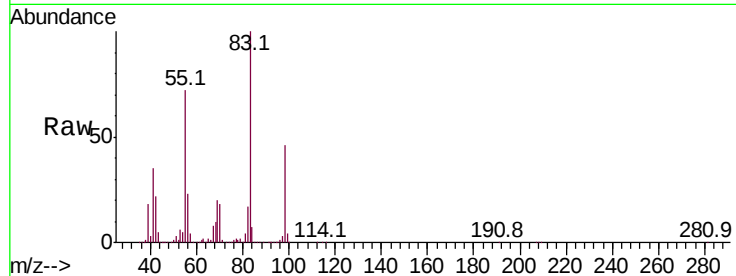




#39
Methvlcvclohexane
Concen: 48.753 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

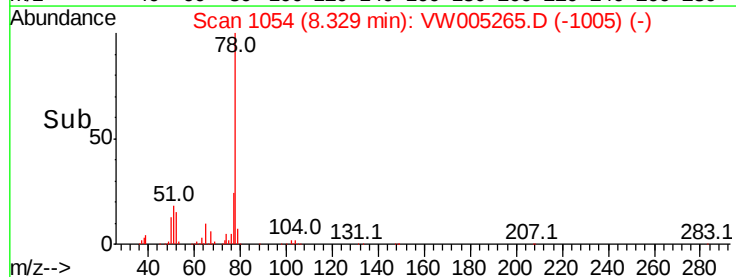
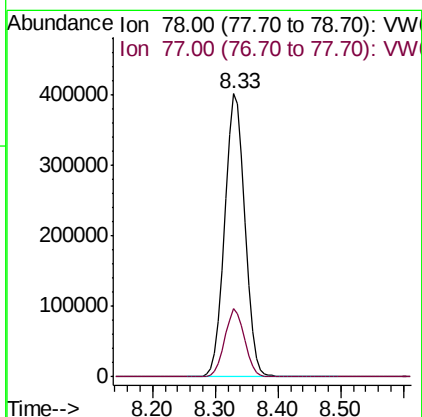
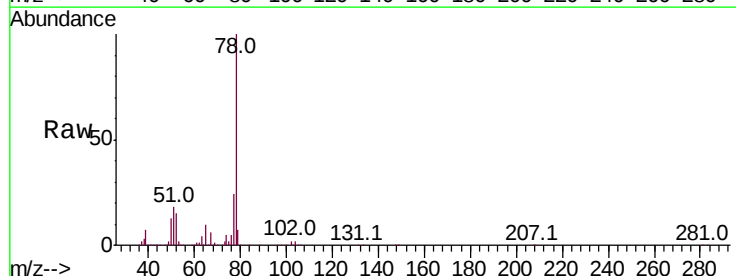
Instrument :
MSVOA_W
ClientSampleId :

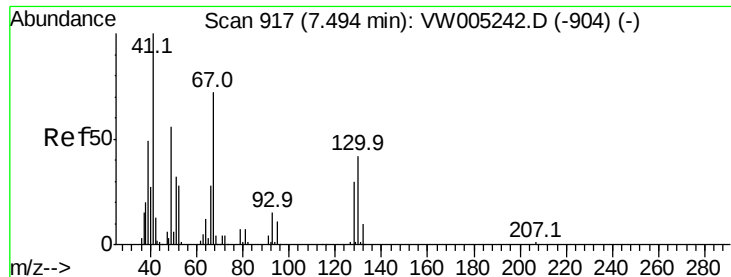
Tot Ion	83	Resp	396114
Ion	Ratio	Lower	Upper
83	100		
55	72.4	58.9	88.3
98	45.7	37.6	56.4



#40
Benzene
Concen: 49.587 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	78	Resp	893979
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3

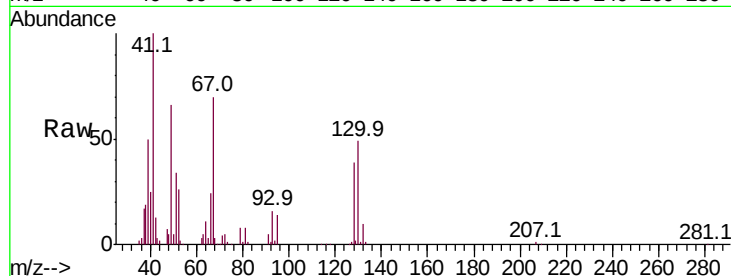




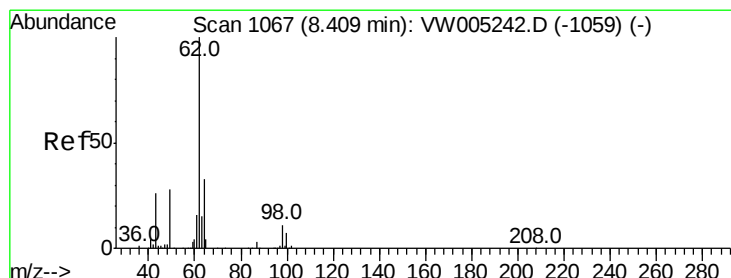
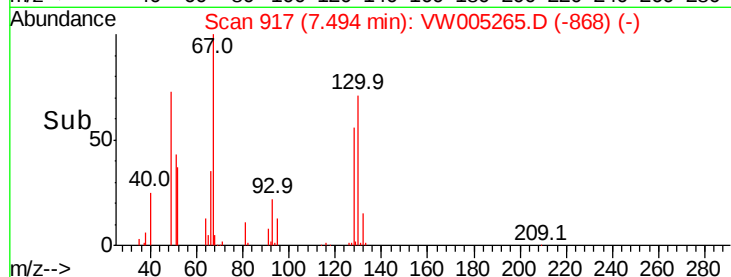
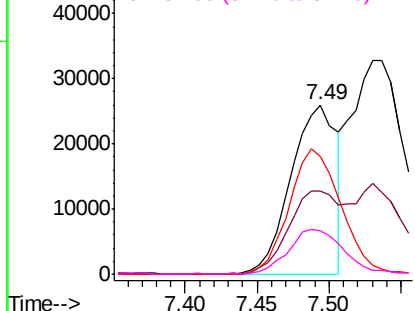
#41
Methacrylonitrile
Concen: 48.472 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	57884
Ion	Ratio	Lower	Upper
41	100		
39	58.6	39.9	59.9
67	83.7	65.7	98.5
52	31.5	25.1	37.7

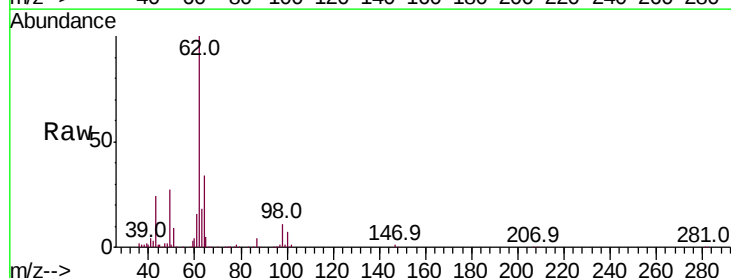


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

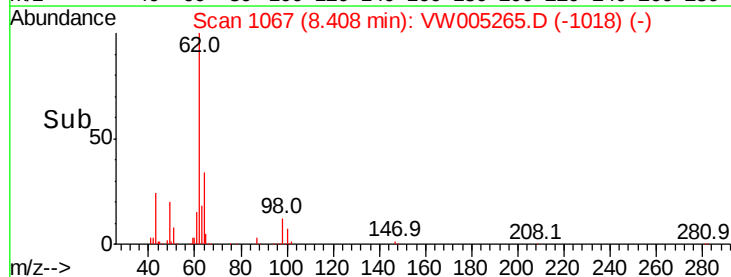
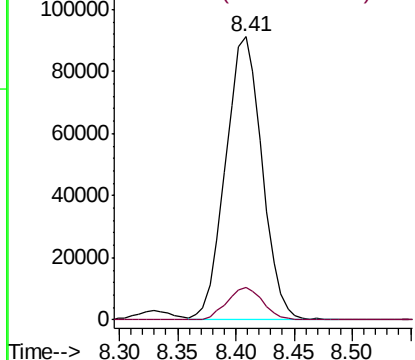


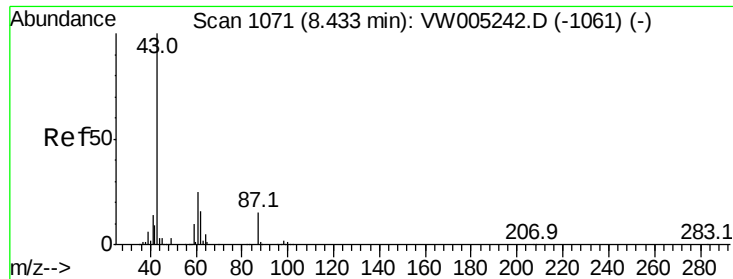
#42
1,2-Dichloroethane
Concen: 46.163 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion:	62	Resp:	199104
Ion	Ratio	Lower	Upper
62	100		
98	11.4	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: 45.478 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampled :

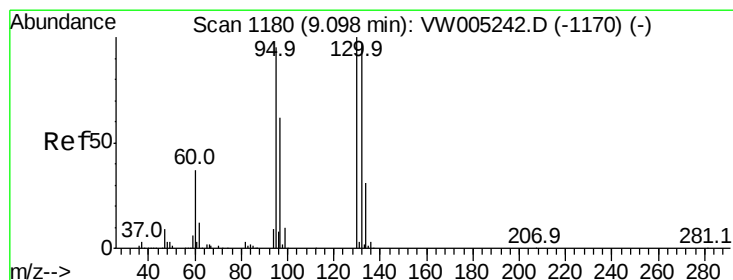
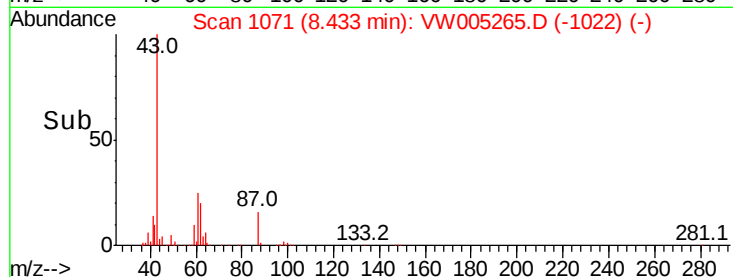
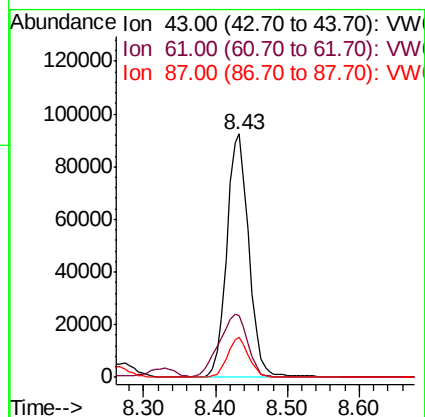
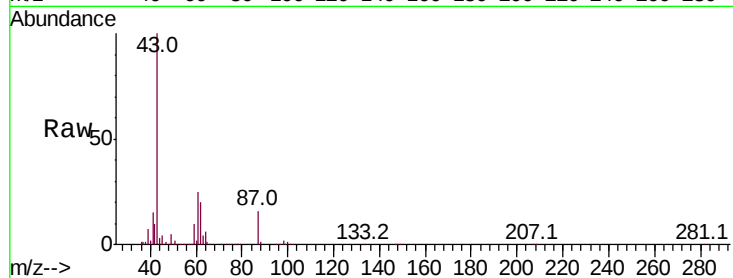
Tot Ion: 43 Resp: 196571

Ion Ratio Lower Upper

43 100

61 33.8 25.4 38.0

87 15.8 11.9 17.9



#44

Trichloroethene

Concen: 49.065 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005265.D

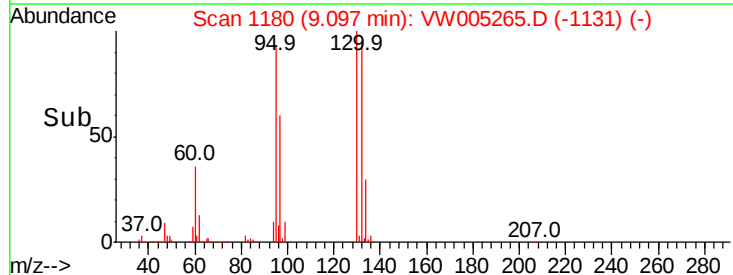
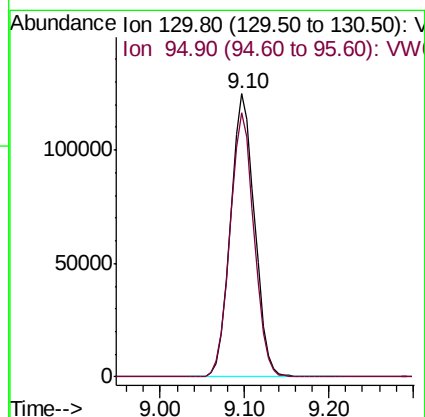
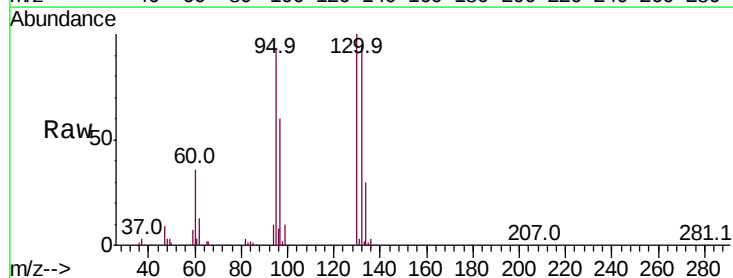
Acq: 11 Sep 2018 10:23

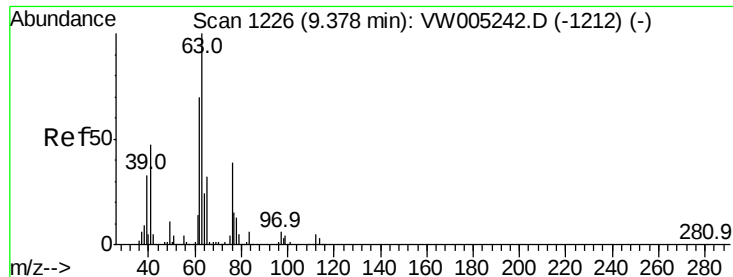
Tgt Ion:130 Resp: 242670

Ion Ratio Lower Upper

130 100

95 93.3 0.0 189.6





#45

1,2-Dichloropropane

Concen: 48.067 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

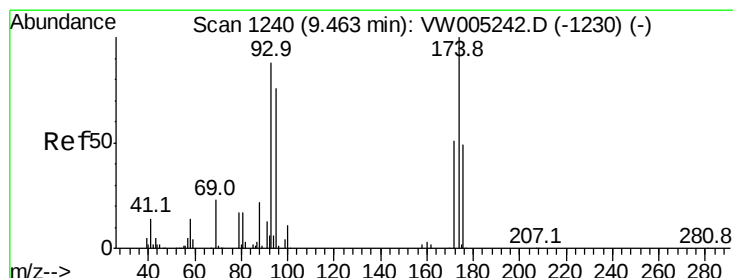
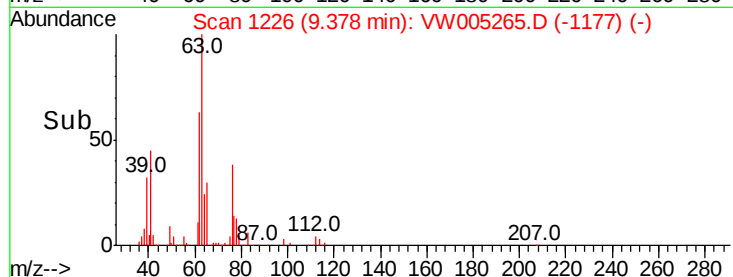
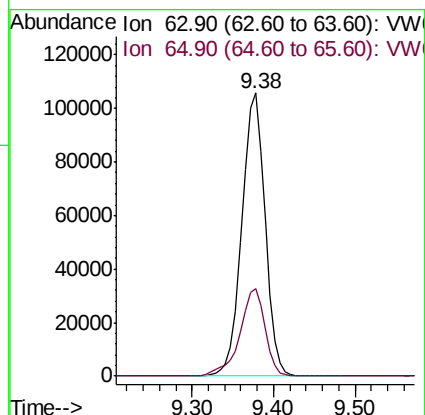
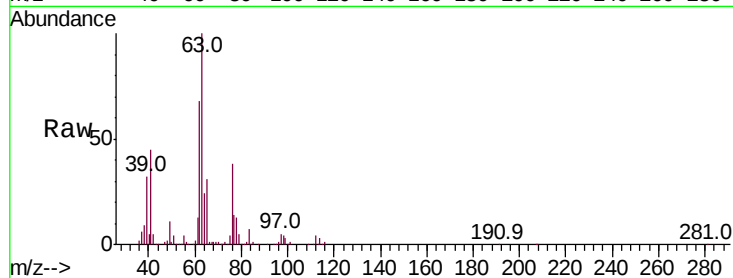
ClientSampleId :

Tot Ion: 63 Resp: 208292

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 46.119 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

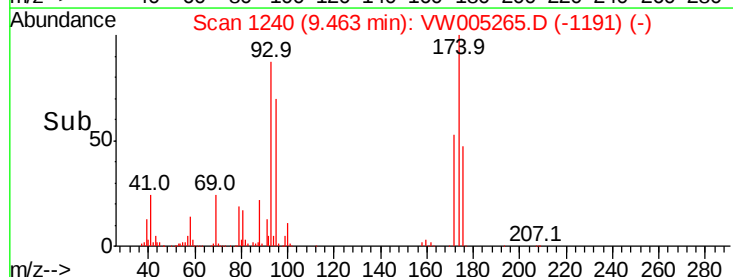
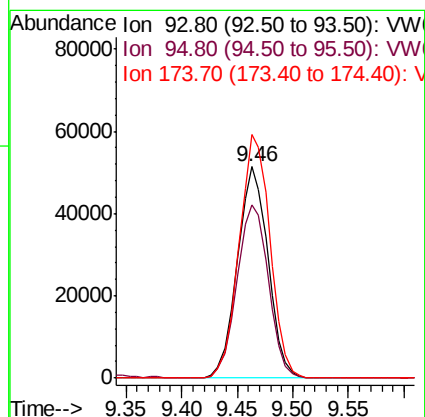
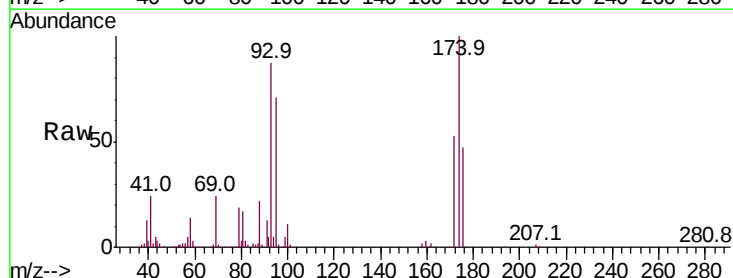
Tgt Ion: 93 Resp: 97824

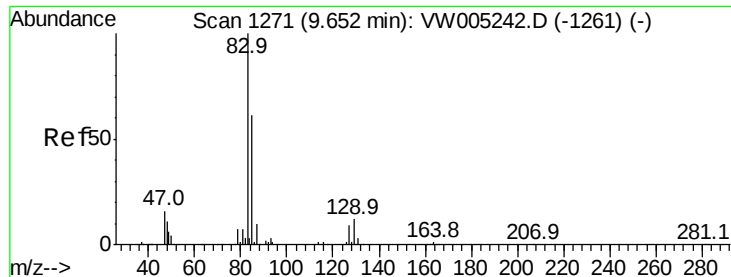
Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.4

174 116.4 92.2 138.2





#47

Bromodichloromethane

Concen: 47.083 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

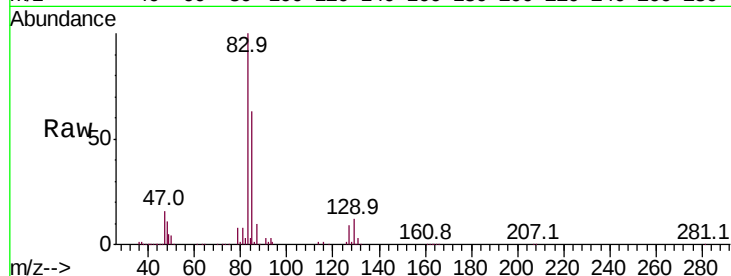
Tot Ion: 83 Resp: 244306

Ion Ratio Lower Upper

83 100

85 62.9 49.0 73.6

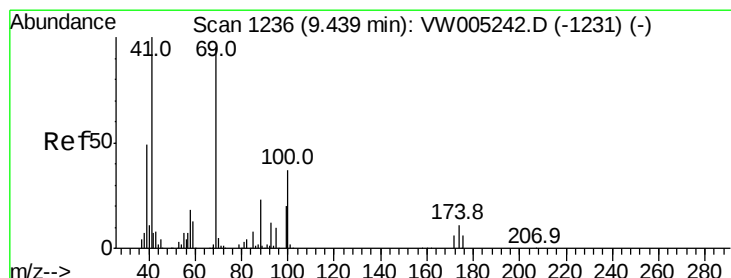
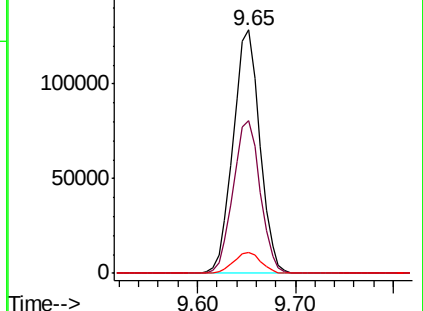
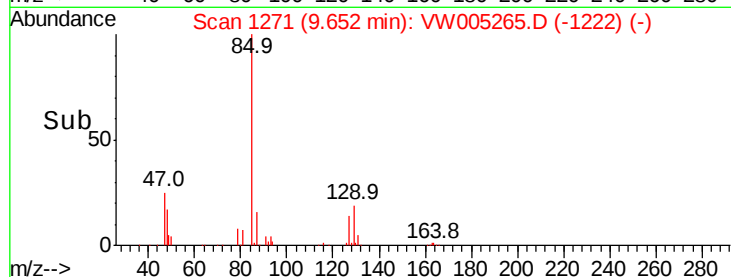
127 8.6 7.0 10.4



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): VW



#48

Methyl methacrylate

Concen: 47.425 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

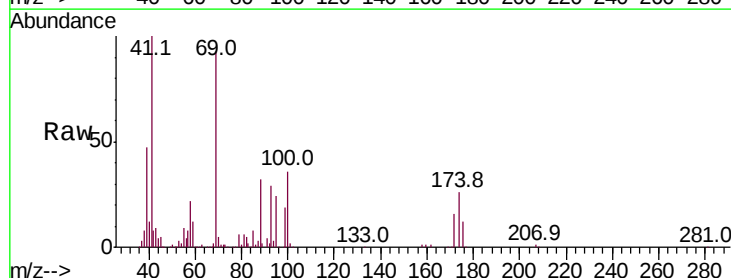
Tgt Ion: 41 Resp: 106438

Ion Ratio Lower Upper

41 100

69 94.1 74.6 112.0

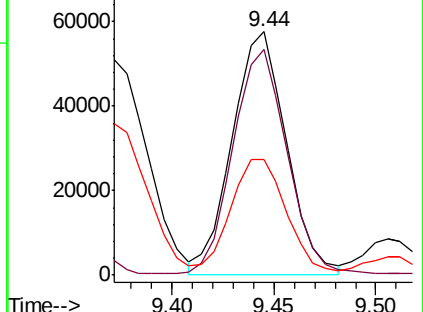
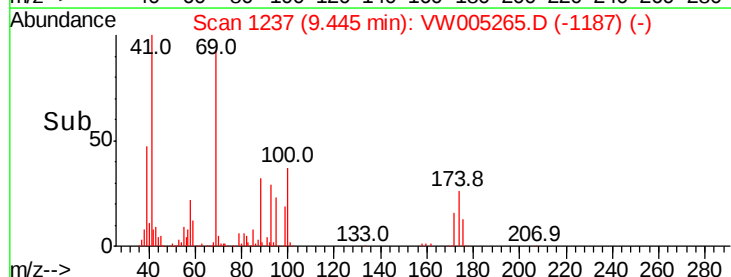
39 45.6 36.7 55.1

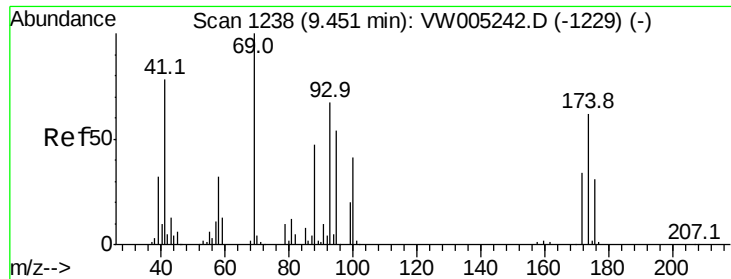


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1025.943 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampled :

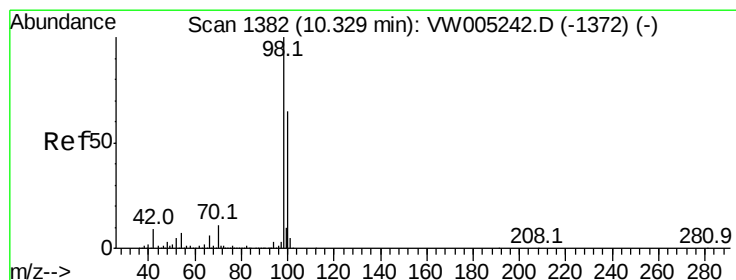
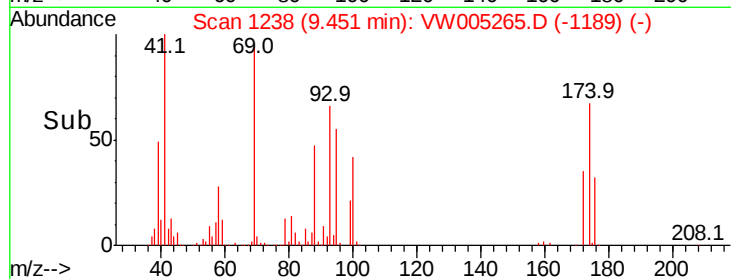
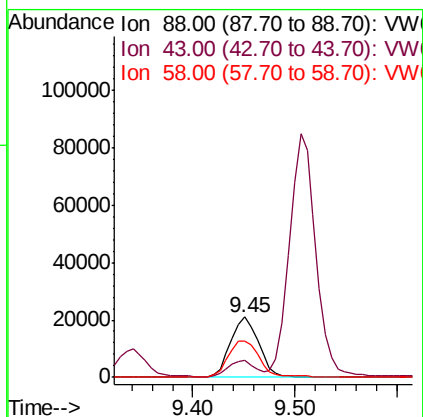
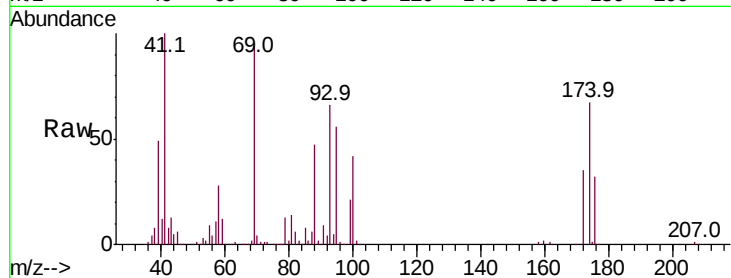
Tot Ion: 88 Resp: 40630

Ion Ratio Lower Upper

88 100

43 26.4 22.7 34.1

58 65.2 56.6 85.0



#50

Toluene-d8

Concen: 52.512 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005265.D

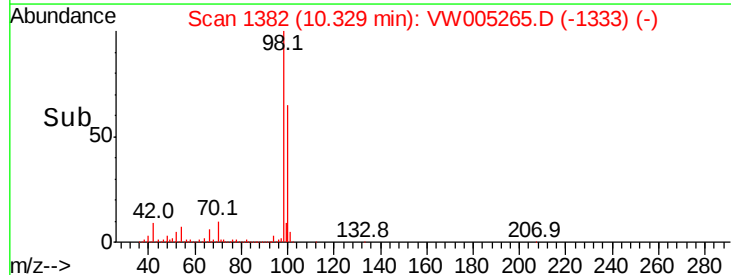
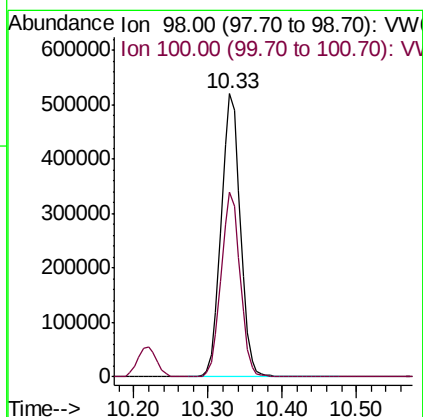
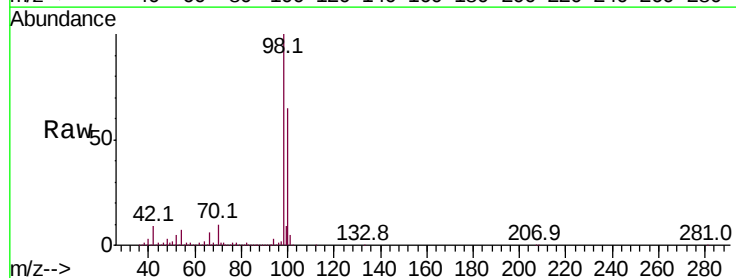
Acq: 11 Sep 2018 10:23

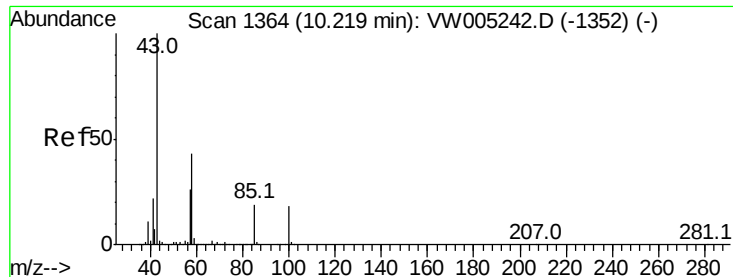
Tgt Ion: 98 Resp: 928450

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 225.586 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

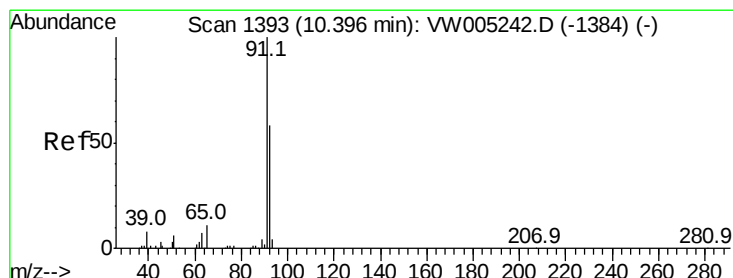
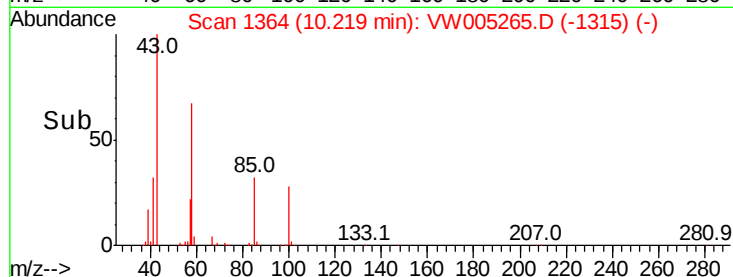
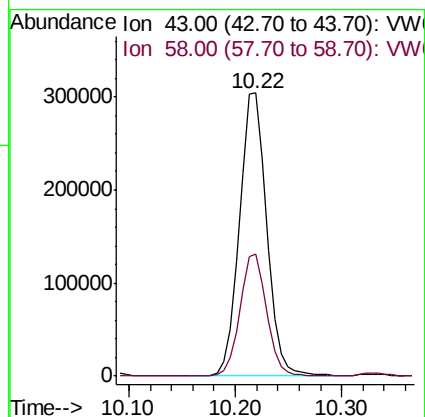
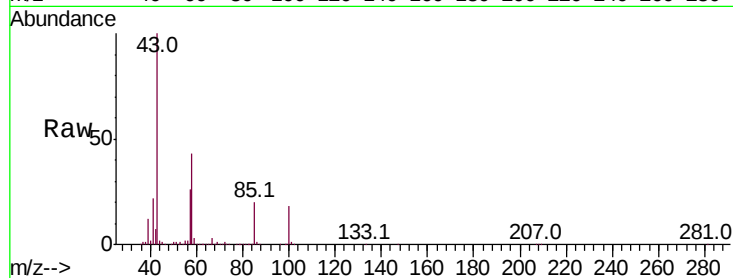
ClientSampleId :

Tot Ion: 43 Resp: 548715

Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.6



#52

Toluene

Concen: 48.478 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005265.D

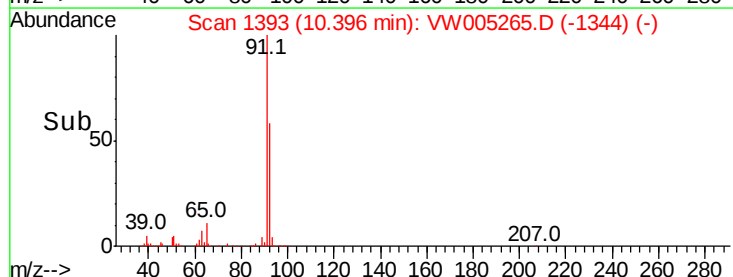
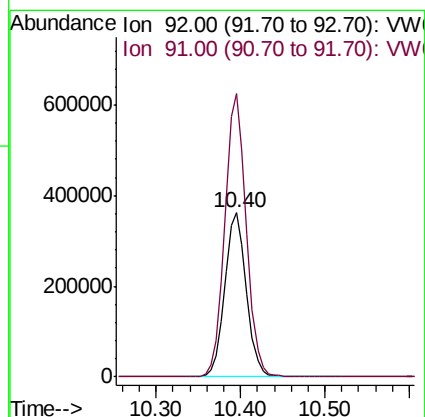
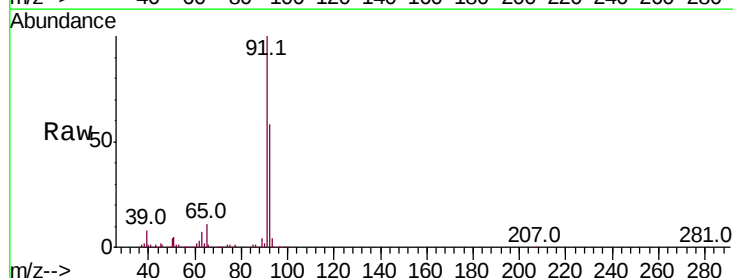
Acq: 11 Sep 2018 10:23

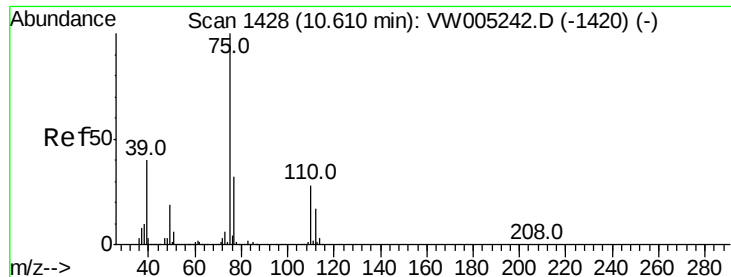
Tgt Ion: 92 Resp: 635200

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 47.577 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

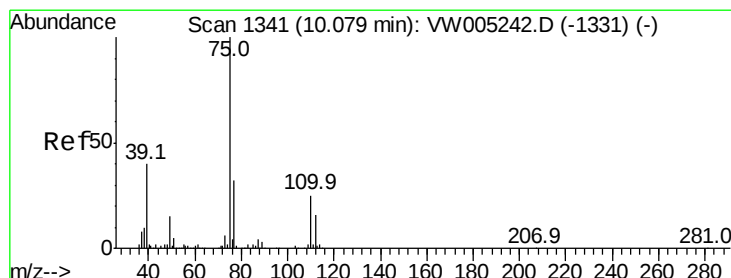
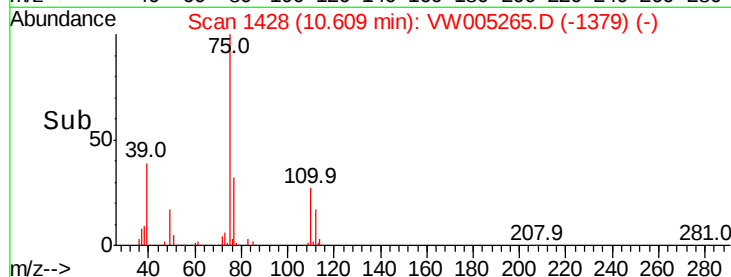
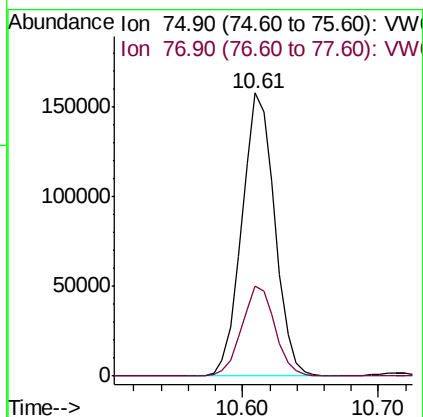
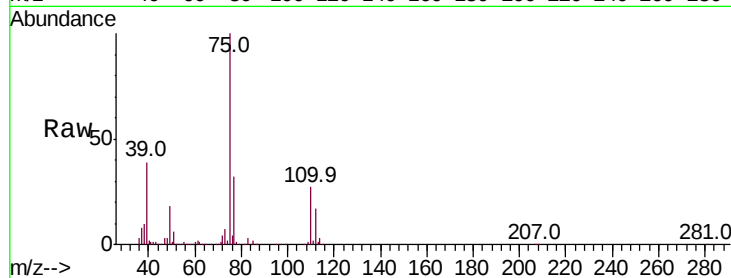
ClientSampleId :

Tot Ion: 75 Resp: 266796

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 44.844 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

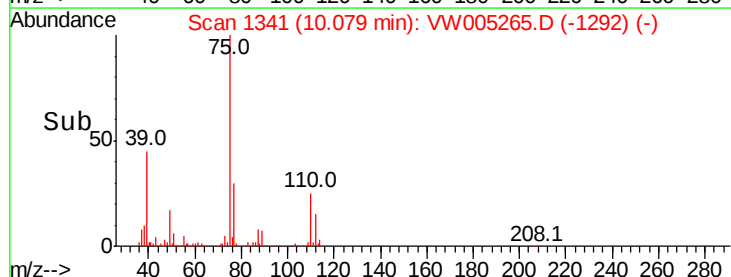
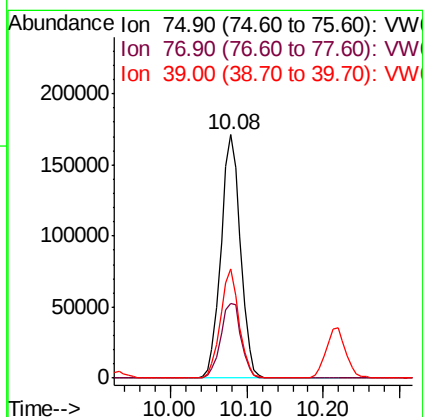
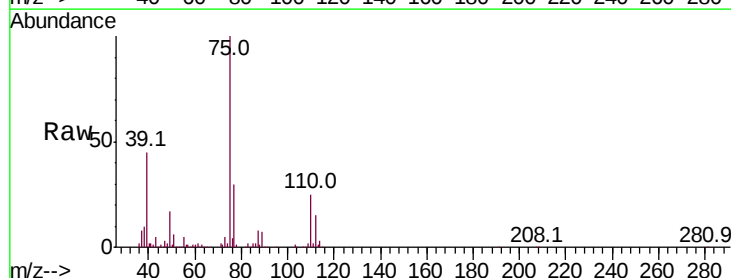
Tgt Ion: 75 Resp: 301142

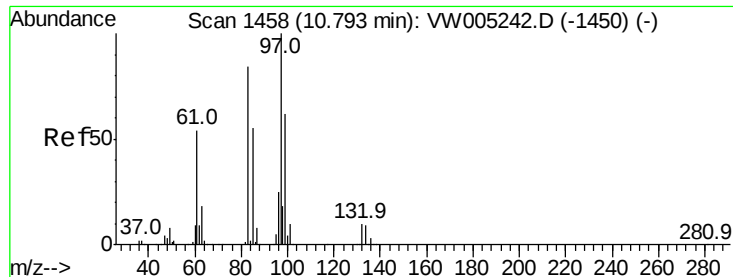
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 44.6 31.8 47.6





#55

1,1,2-Trichloroethane

Concen: 45.831 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 155004

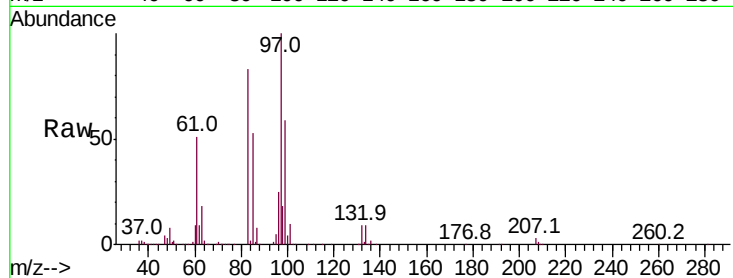
Ion Ratio Lower Upper

97 100

83 83.3 67.2 100.8

85 53.0 44.4 66.6

99 59.2 49.2 73.8

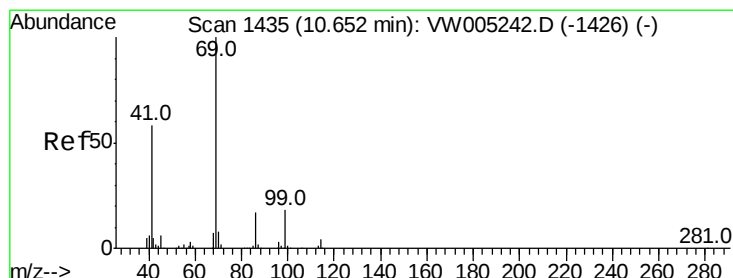
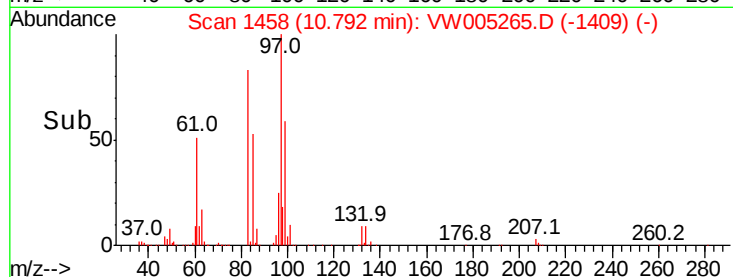
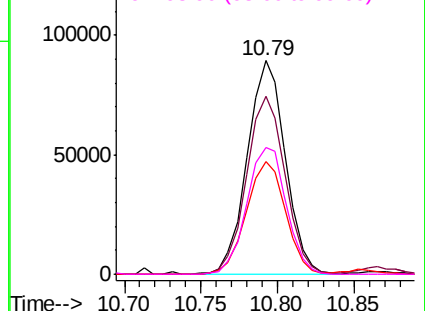


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 46.760 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

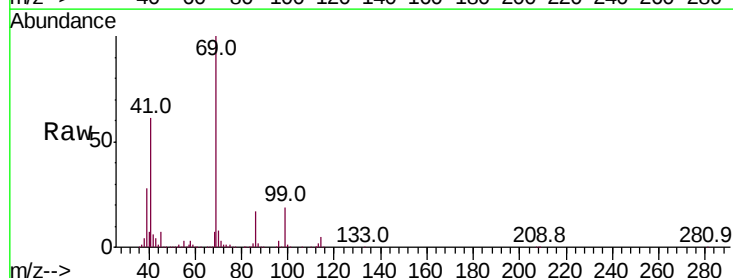
Tgt Ion: 69 Resp: 200492

Ion Ratio Lower Upper

69 100

41 59.3 48.7 73.1

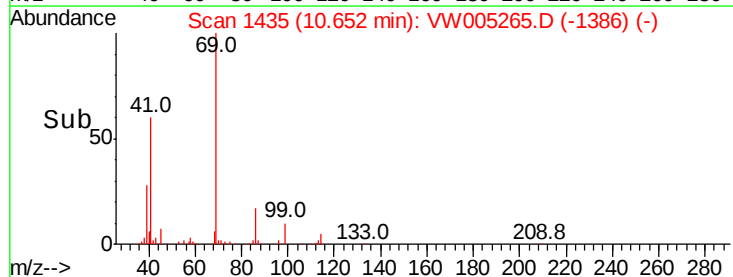
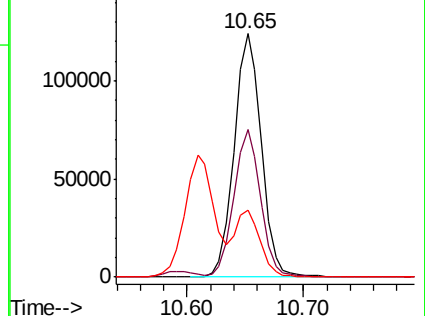
39 25.8 20.9 31.3

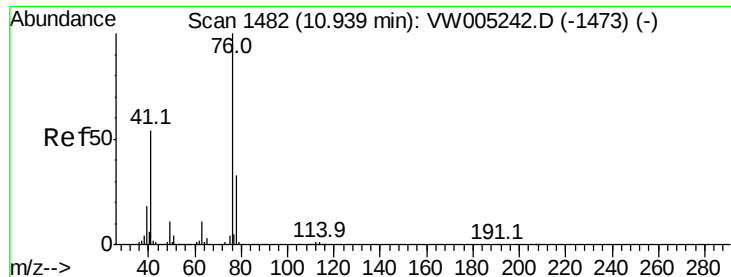


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 46.111 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

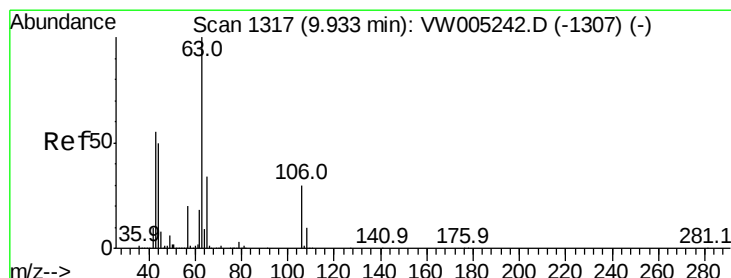
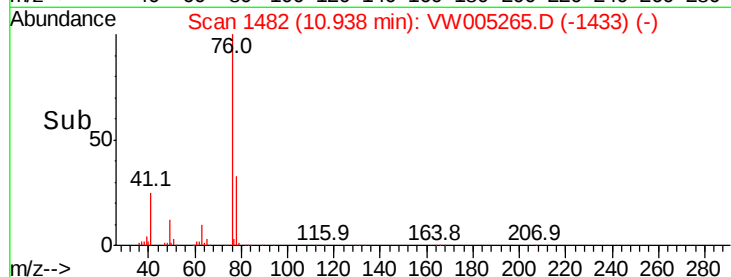
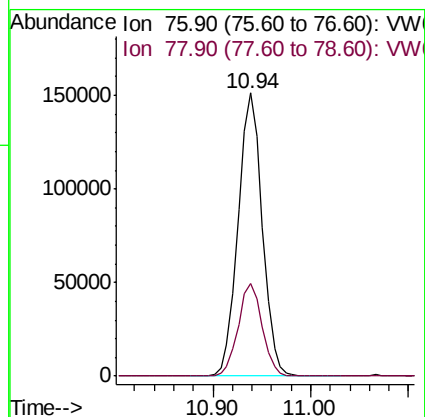
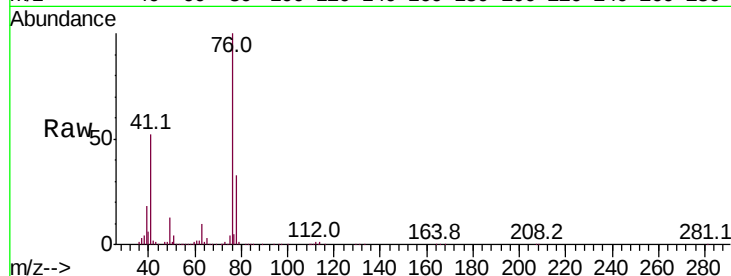
ClientSampleId :

Tot Ion: 76 Resp: 258958

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 243.774 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005265.D

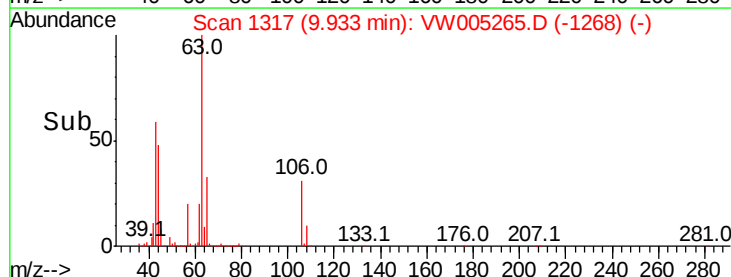
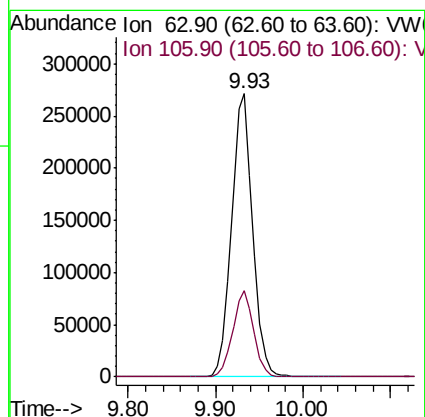
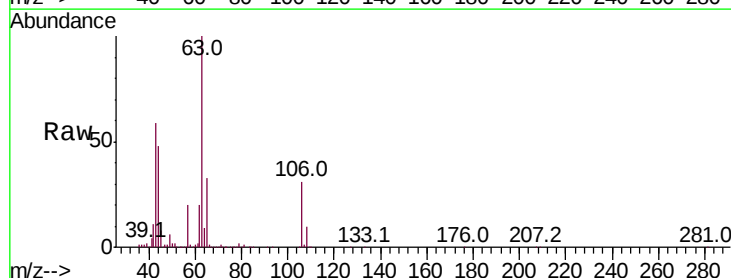
Acq: 11 Sep 2018 10:23

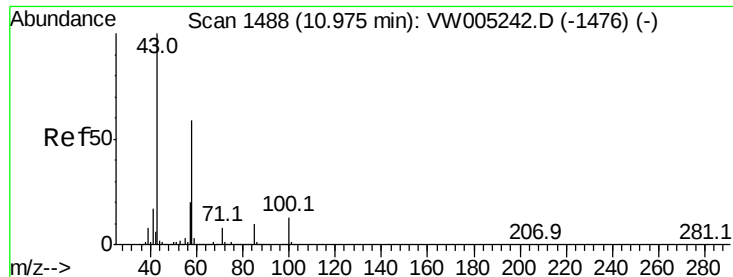
Tgt Ion: 63 Resp: 454295

Ion Ratio Lower Upper

63 100

106 30.0 23.4 35.0

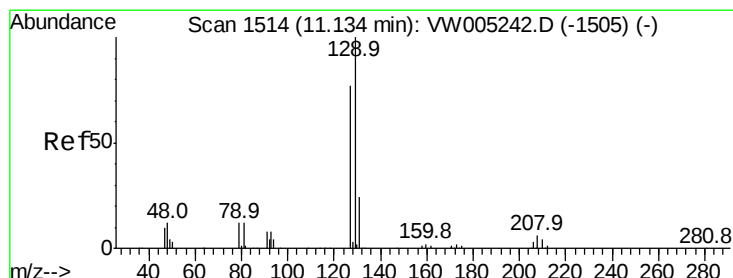
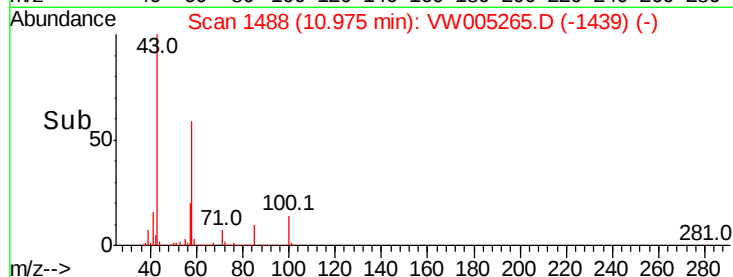
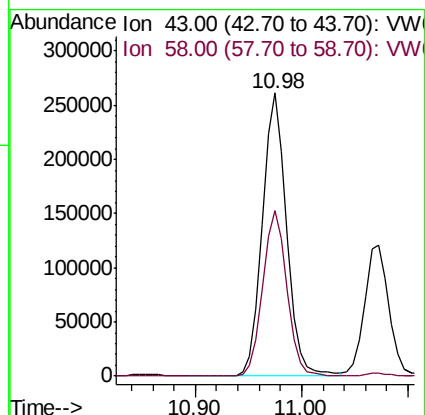
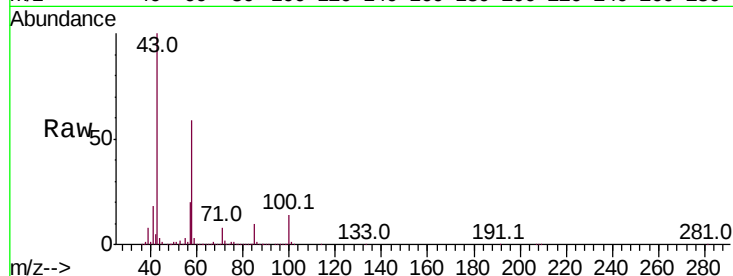




#59
2-Hexanone
Concen: 238.249 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

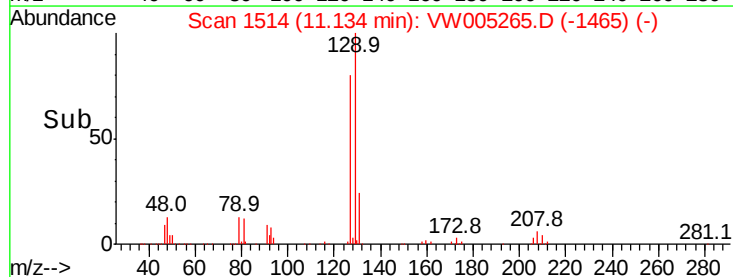
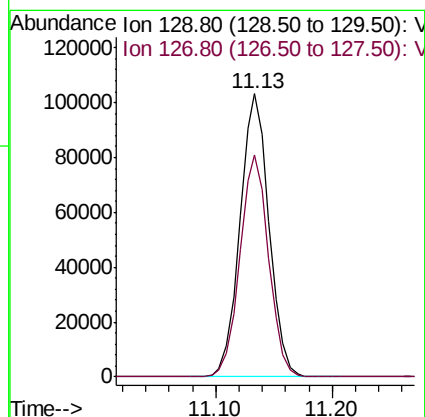
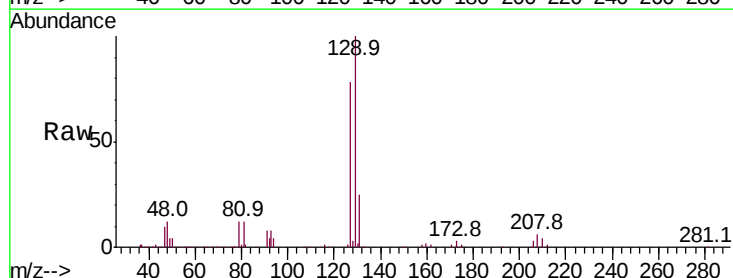
Instrument :
MSVOA_W
ClientSampleId :

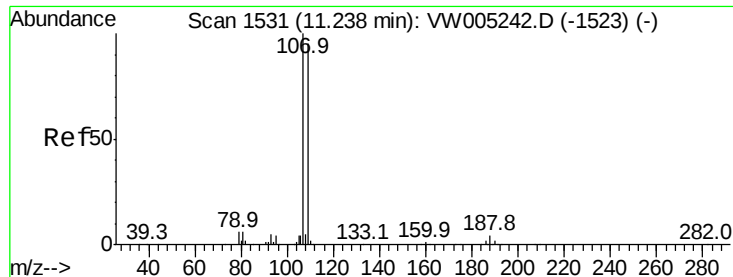
Tot Ion: 43 Resp: 417786
Ion Ratio Lower Upper
43 100
58 58.3 29.3 87.9



#60
Dibromochloromethane
Concen: 47.563 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 129 Resp: 178496
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

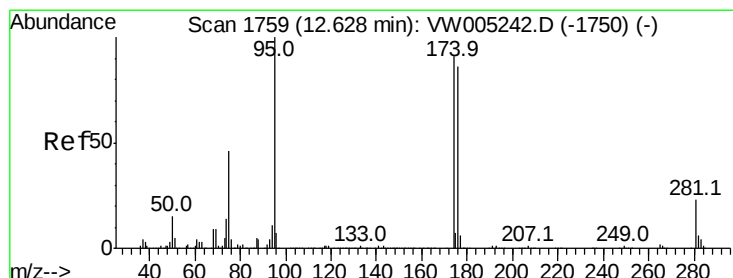
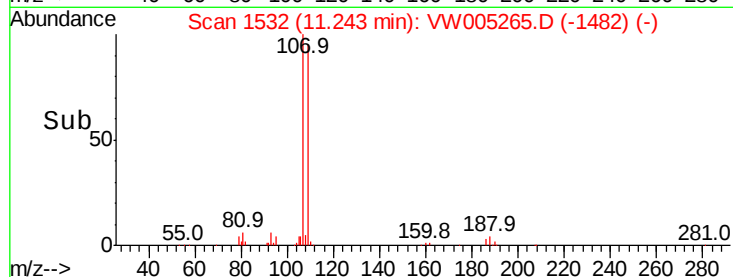
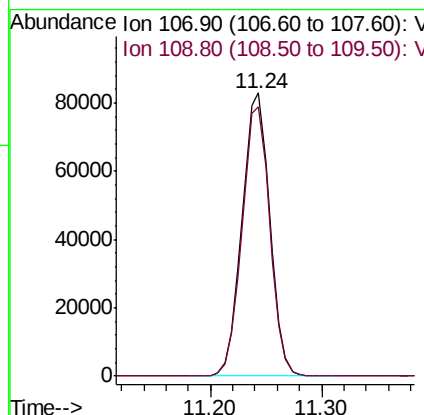
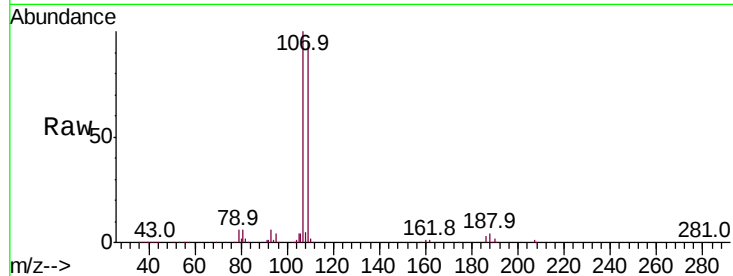




#61
 1,2-Dibromoethane
 Concen: 46.147 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

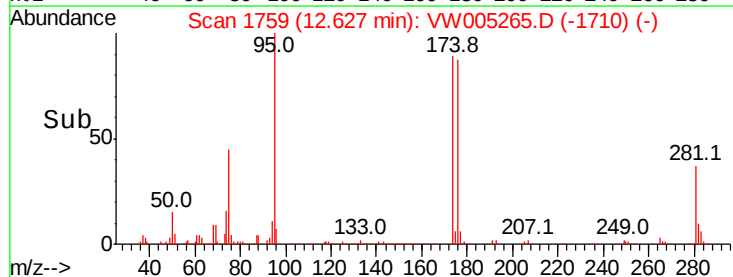
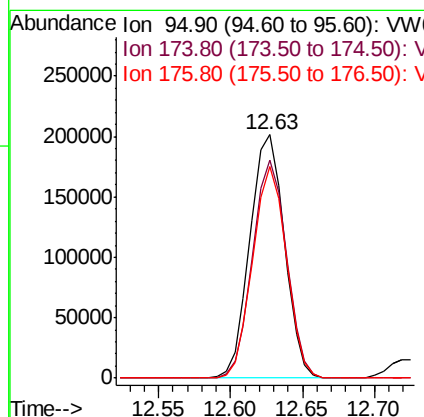
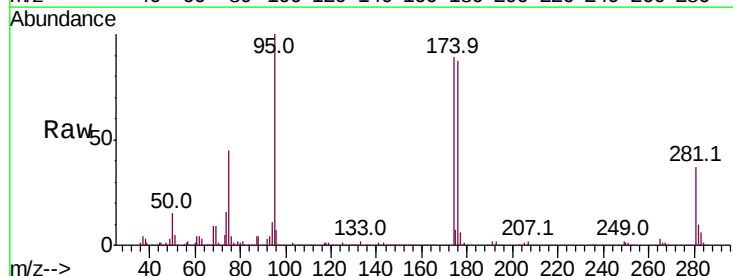
Instrument :
 MSVOA_W
 ClientSampleId :

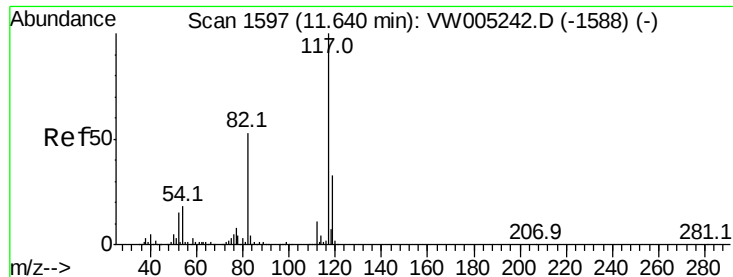
Tot Ion: 107 Resp: 143123
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.614 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion: 95 Resp: 333791
 Ion Ratio Lower Upper
 95 100
 174 88.0 0.0 174.6
 176 85.0 0.0 167.6

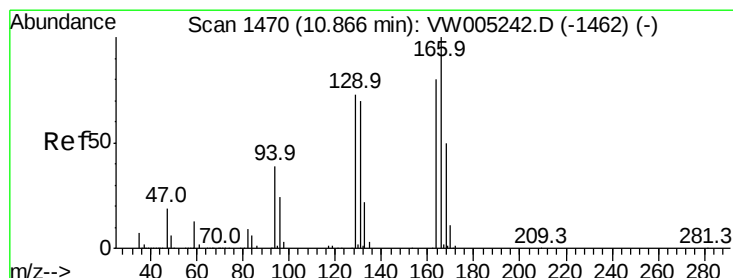
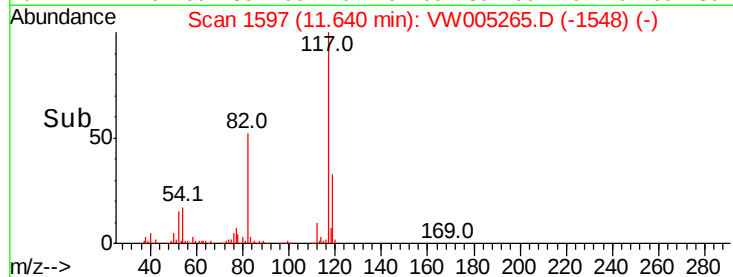
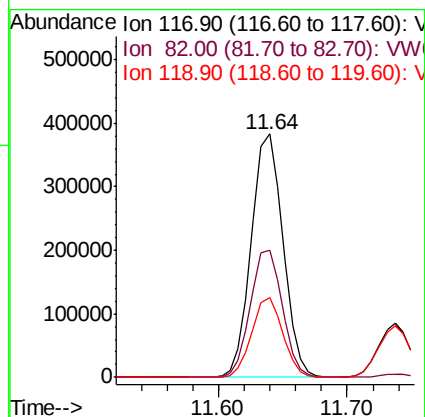
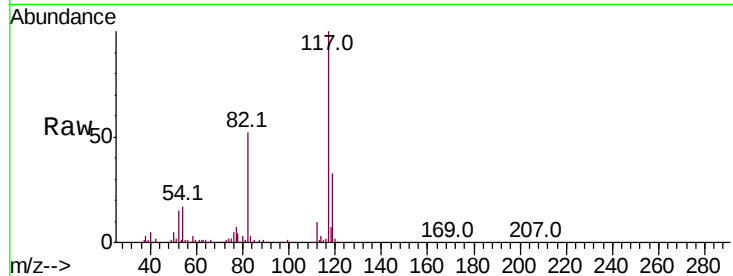




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

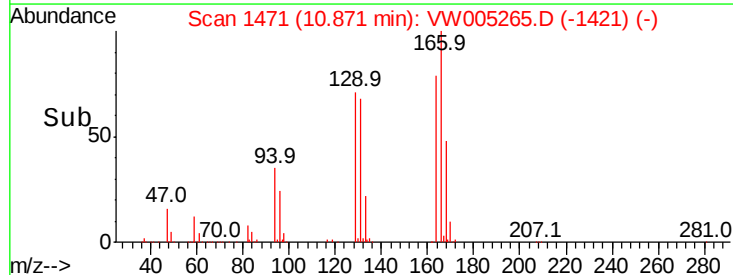
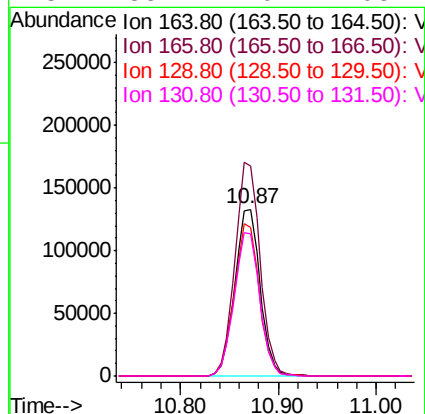
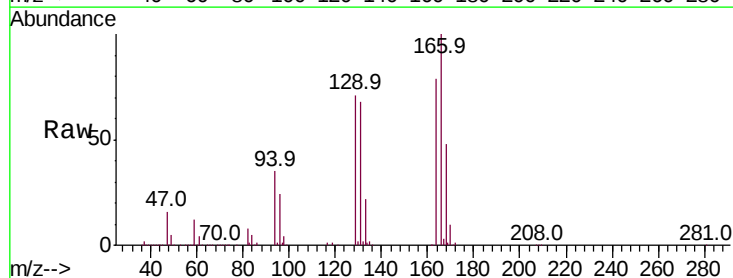
Instrument :
MSVOA_W
ClientSampleId :

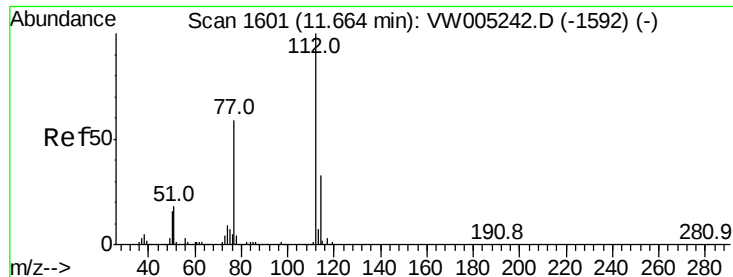
Tot Ion:117 Resp: 651010
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 49.552 ug/l
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion:164 Resp: 239332
Ion Ratio Lower Upper
164 100
166 126.0 100.2 150.2
129 89.4 73.2 109.8
131 85.2 70.2 105.4





#65

Chlorobenzene

Concen: 49.077 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

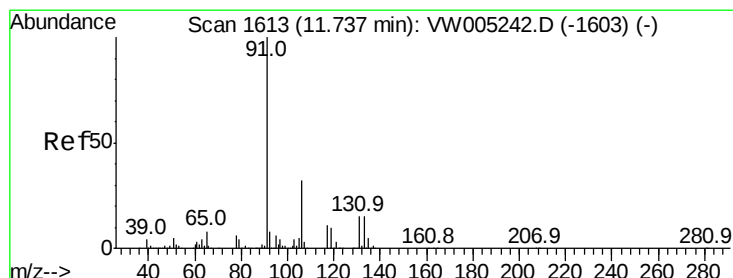
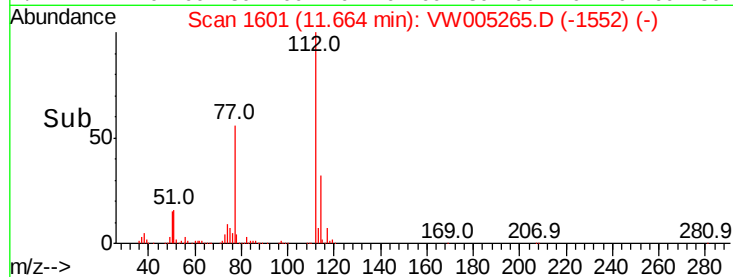
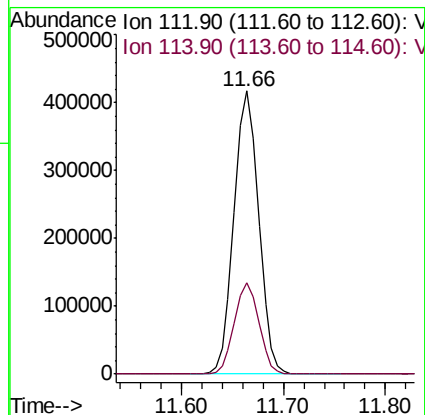
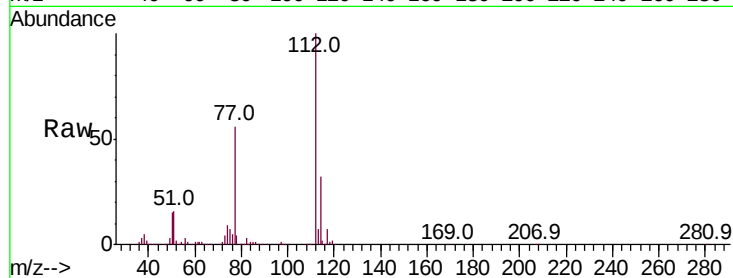
ClientSampleId :

Tot Ion:112 Resp: 699900

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 48.590 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

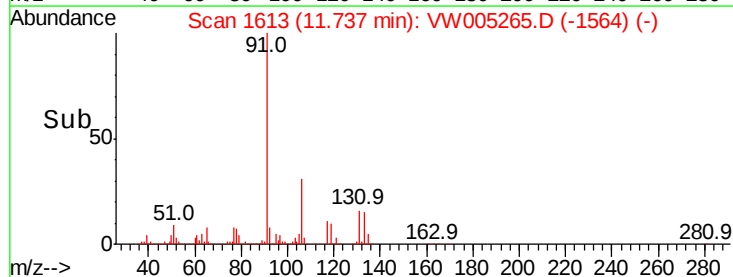
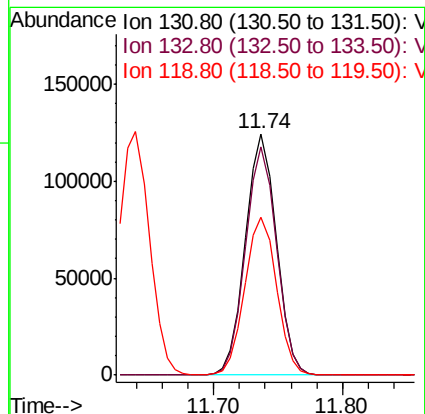
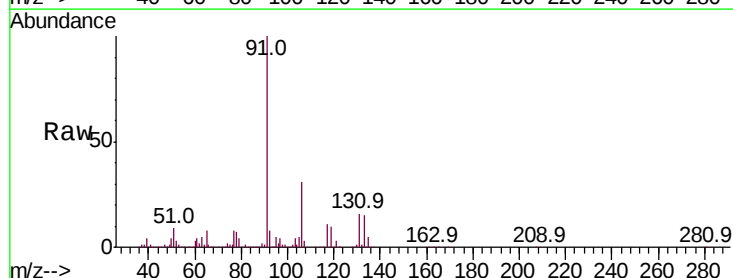
Tgt Ion:131 Resp: 206902

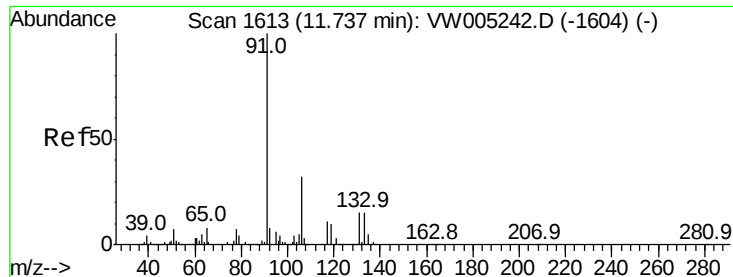
Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.3

119 67.3 33.4 100.1

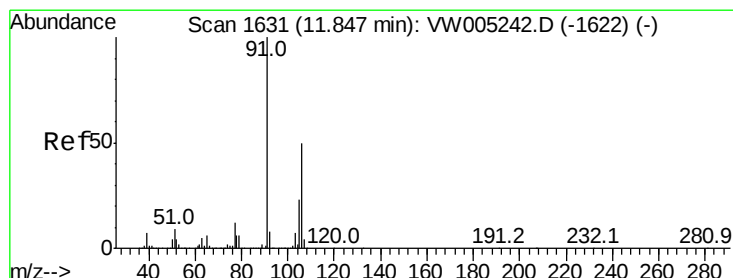
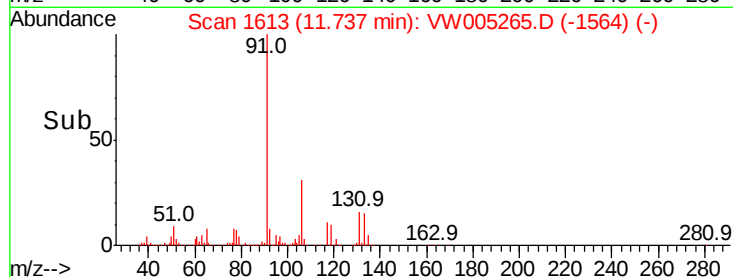
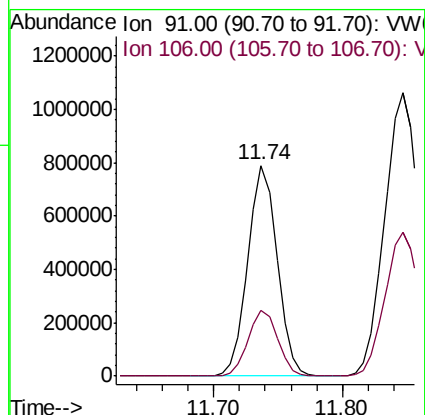
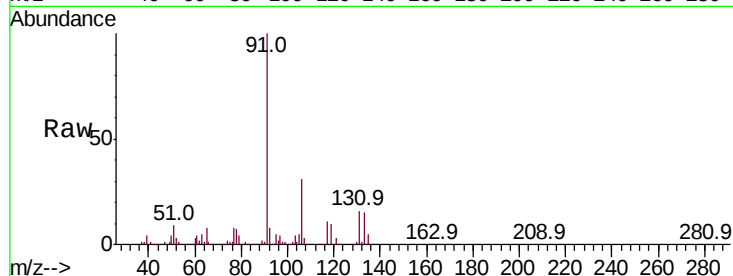




#67
Ethyl Benzene
Concen: 50.079 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

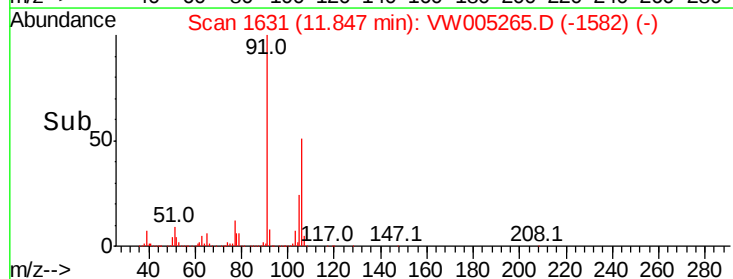
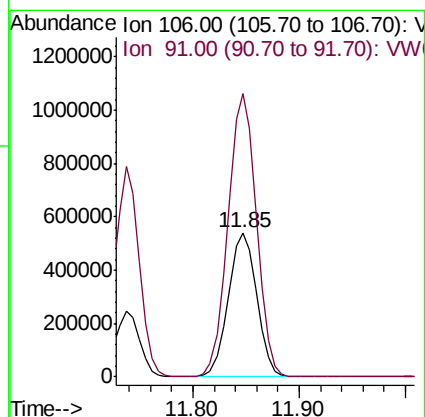
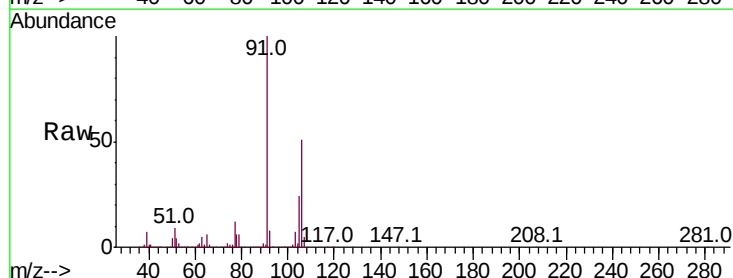
Instrument :
MSVOA_W
ClientSampled :

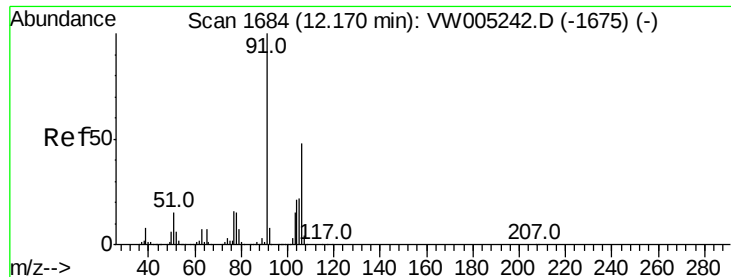
Tot Ion: 91 Resp: 1243761
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 100.761 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 106 Resp: 1008434
Ion Ratio Lower Upper
106 100
91 196.5 160.2 240.2

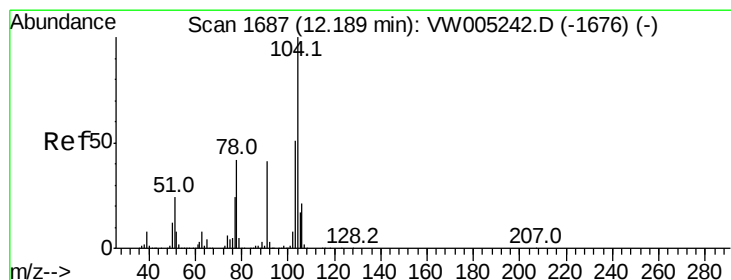
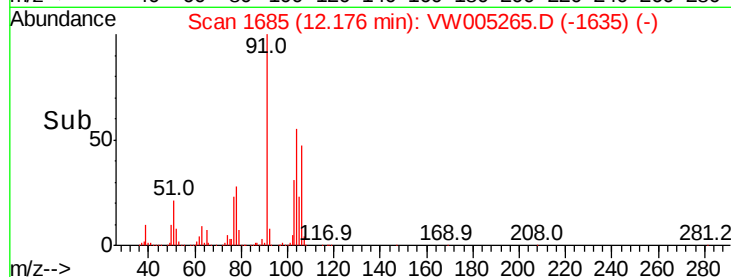
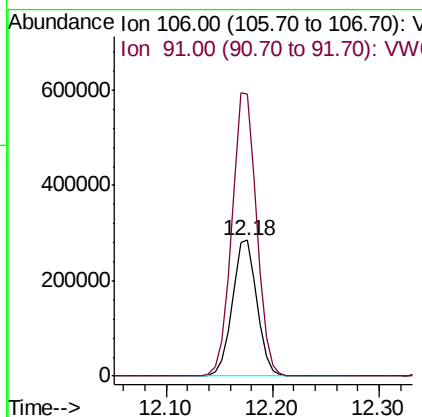
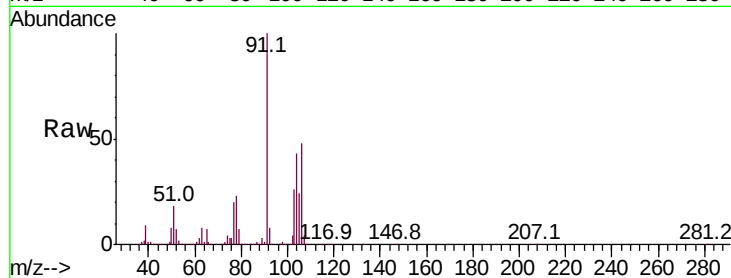




#69
o-Xylene
Concen: 49.629 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

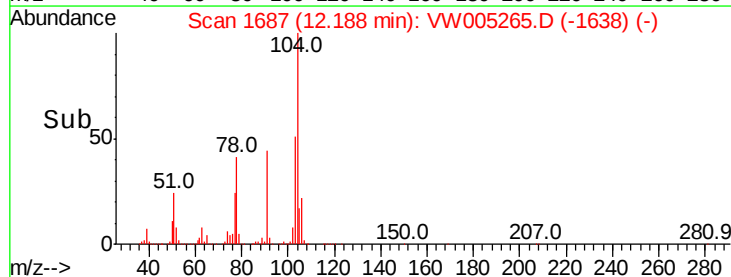
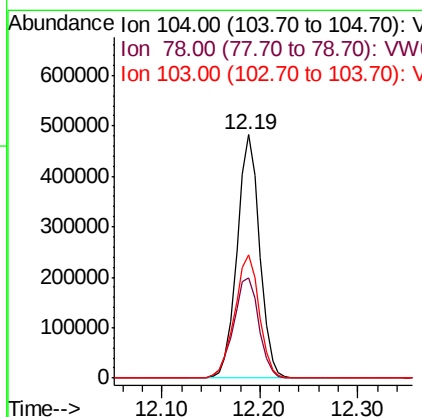
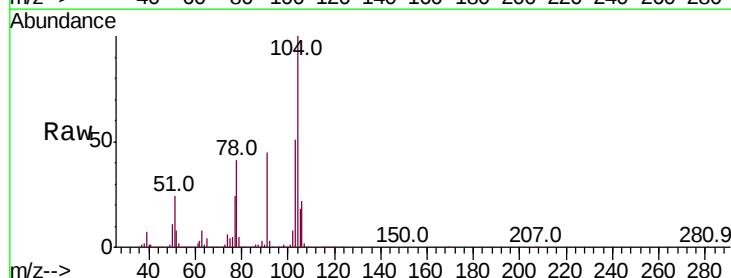
Instrument :
MSVOA_W
ClientSampleId :

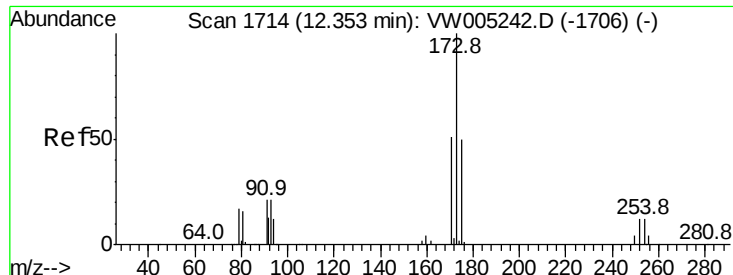
Tot Ion:106 Resp: 462111
Ion Ratio Lower Upper
106 100
91 209.6 104.1 312.3



#70
Styrene
Concen: 50.644 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion:104 Resp: 769470
Ion Ratio Lower Upper
104 100
78 46.5 37.4 56.2
103 55.1 44.1 66.1





#71

Bromoform

Concen: 47.711 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampled :

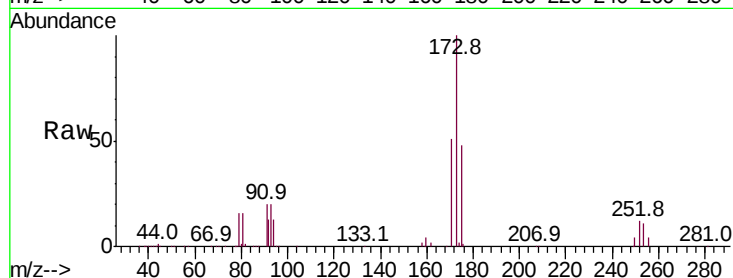
Tot Ion:173 Resp: 110153

Ion Ratio Lower Upper

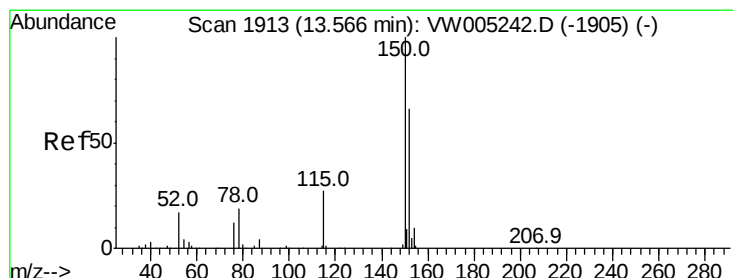
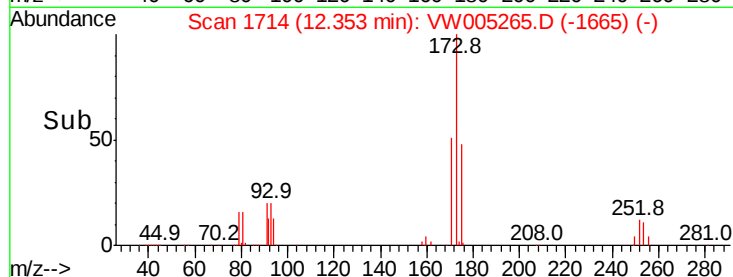
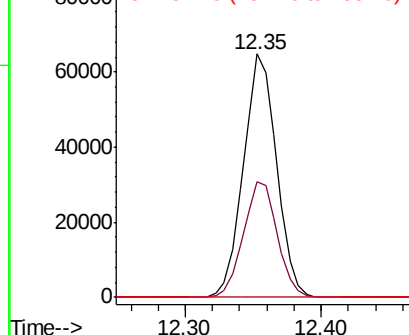
173 100

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: VW005265.D

Acq: 11 Sep 2018 10:23

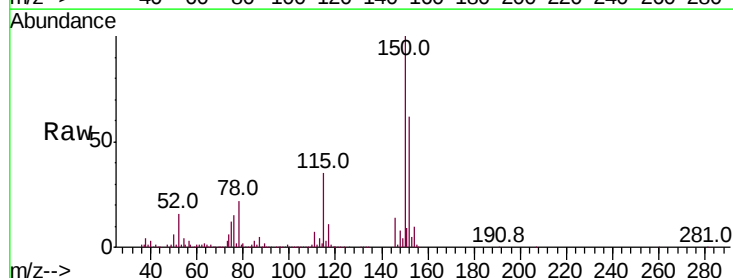
Tgt Ion:152 Resp: 359073

Ion Ratio Lower Upper

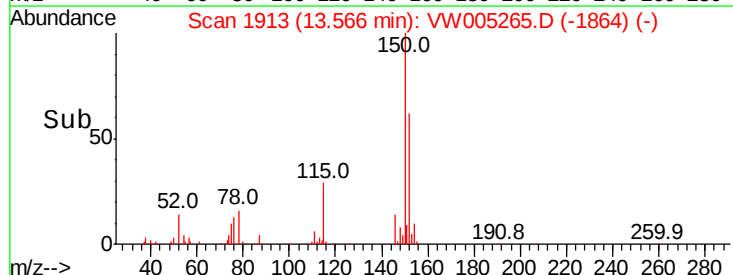
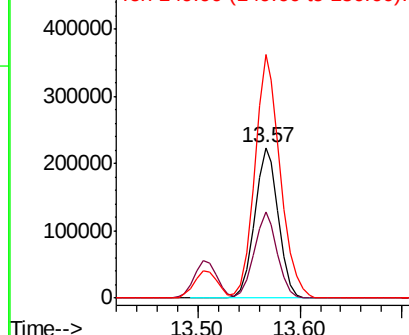
152 100

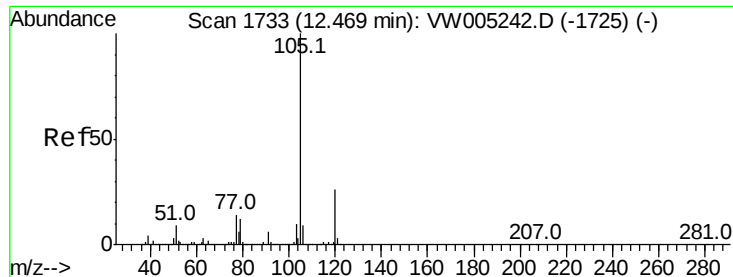
115 55.8 27.5 82.4

150 174.6 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: 50.166 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

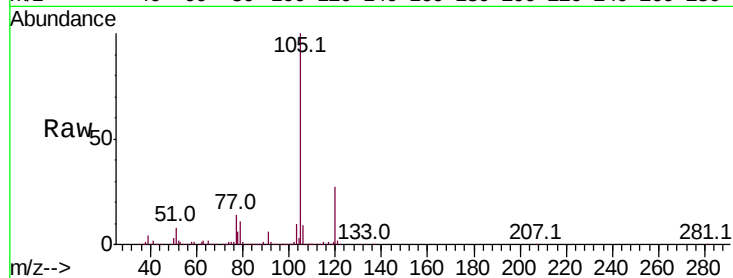
ClientSampled :

Tot Ion:105 Resp: 1272728

Ion Ratio Lower Upper

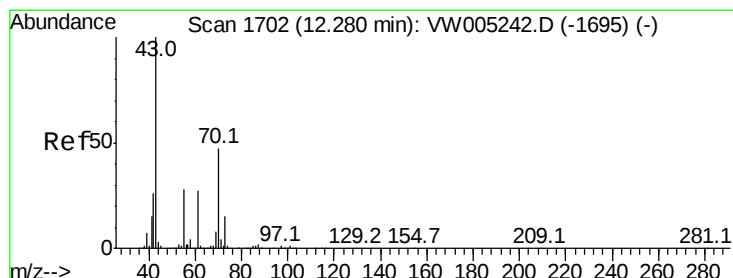
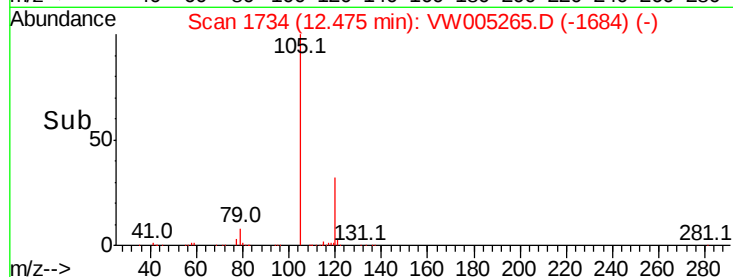
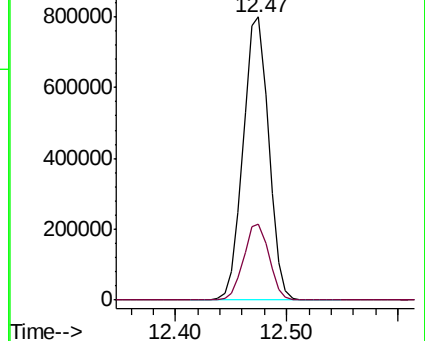
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.315 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion: 43 Resp: 218738

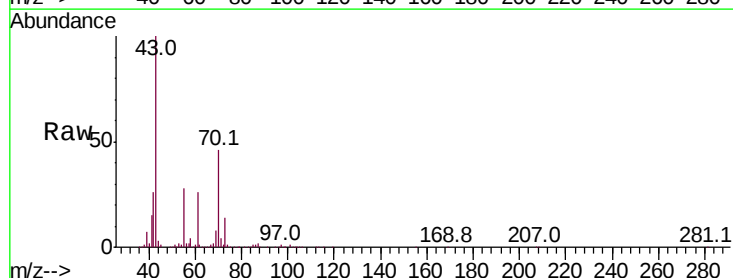
Ion Ratio Lower Upper

43 100

70 48.0 37.9 56.9

55 29.2 22.6 33.8

61 26.7 20.9 31.3

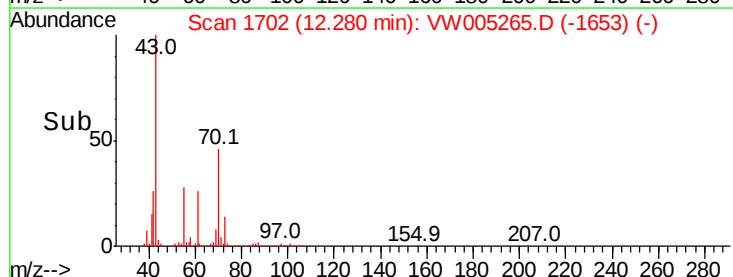
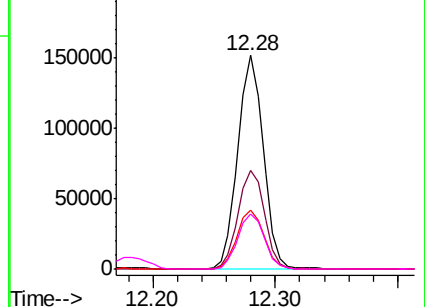


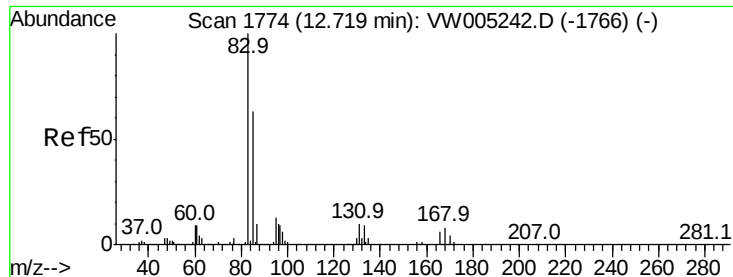
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 45.853 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

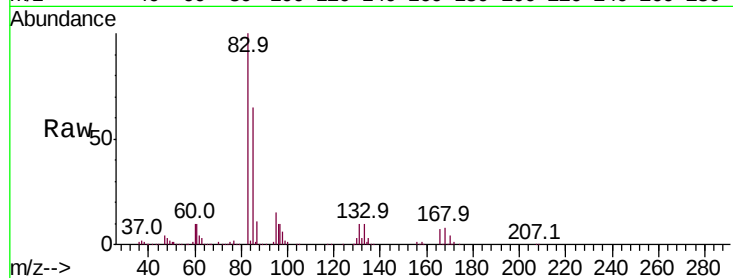
Tot Ion: 83 Resp: 174830

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

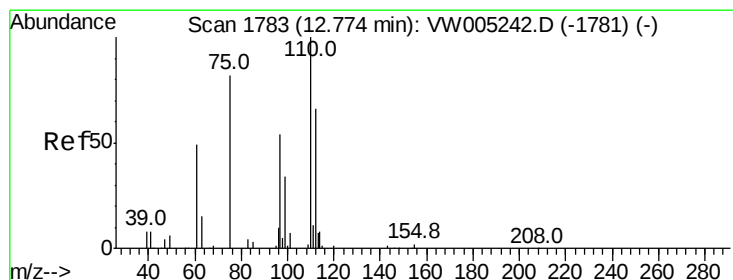
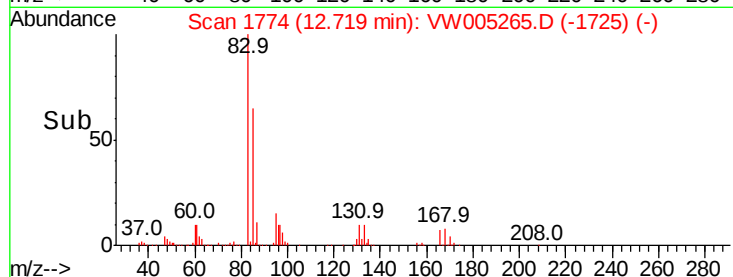
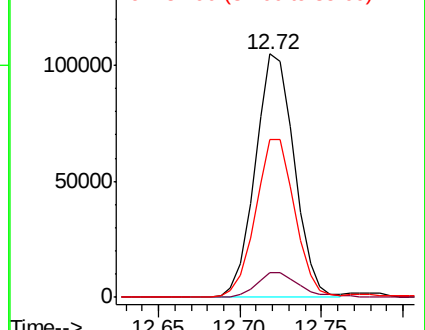
85 65.1 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.647 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005265.D

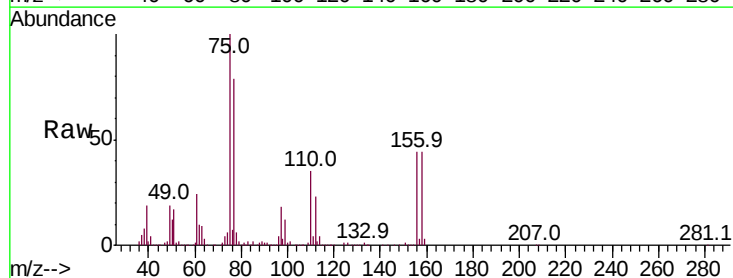
Acq: 11 Sep 2018 10:23

Tgt Ion: 75 Resp: 239302

Ion Ratio Lower Upper

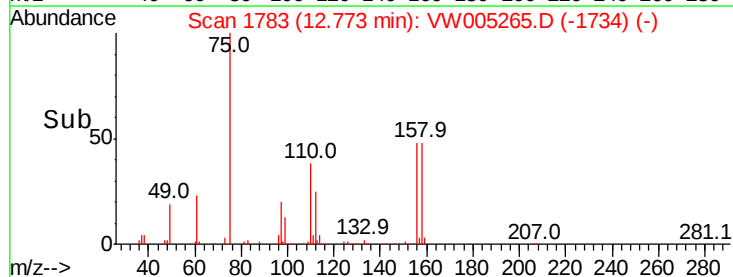
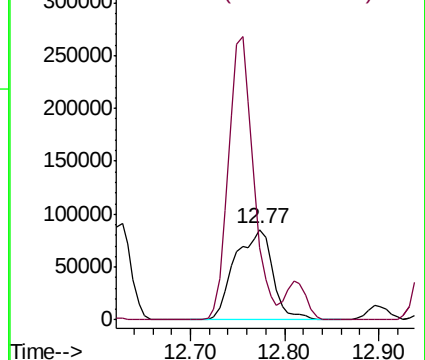
75 100

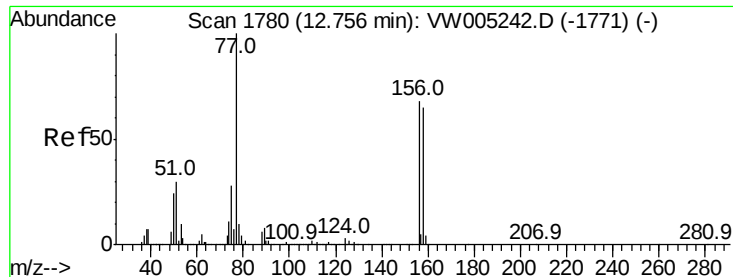
77 206.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

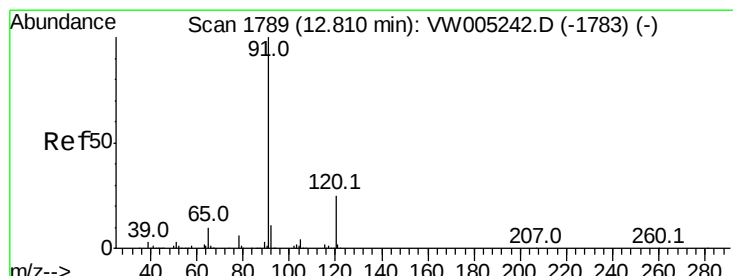
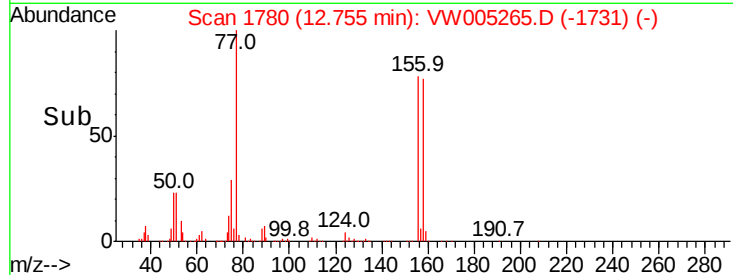
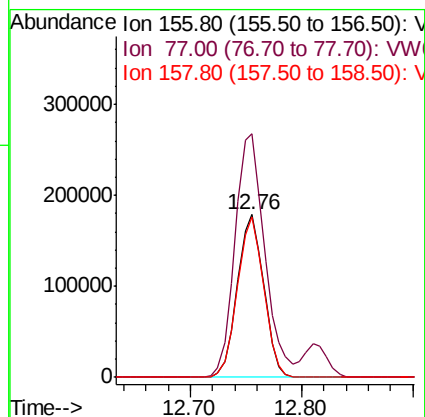
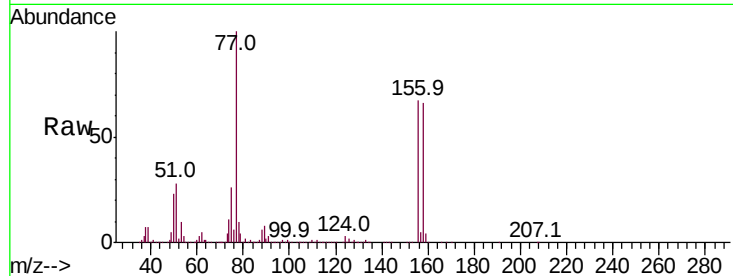




#77
 Bromobenzene
 Concen: 49.138 ug/l
 RT: 12.76 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

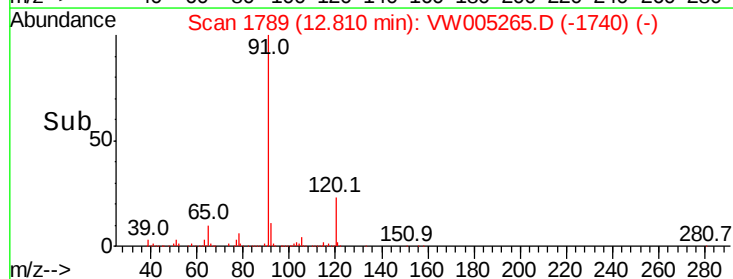
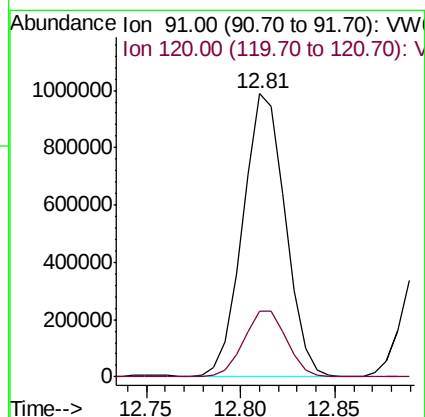
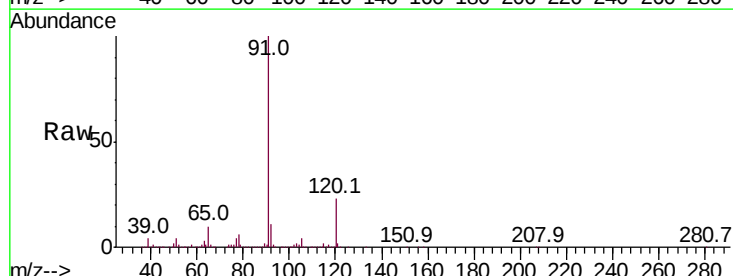
Instrument :
 MSVOA_W
 ClientSampleId :

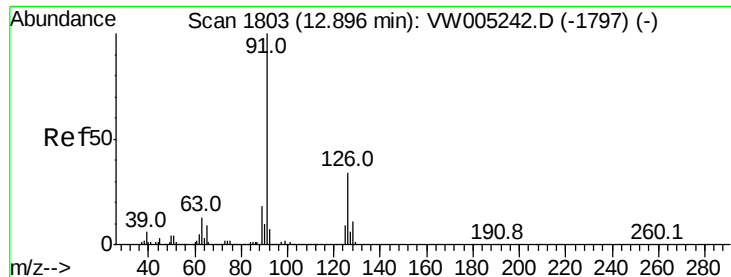
Tot Ion	Ratio	Lower	Upper
156	100		
77	168.4	86.3	258.8
158	98.1	48.6	145.8



#78
 n-propylbenzene
 Concen: 50.629 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.280 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

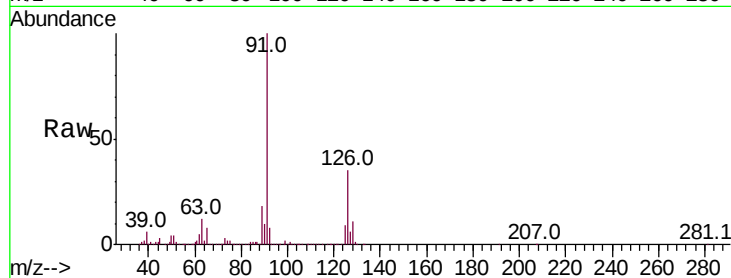
ClientSampleId :

Tot Ion: 91 Resp: 861080

Ion Ratio Lower Upper

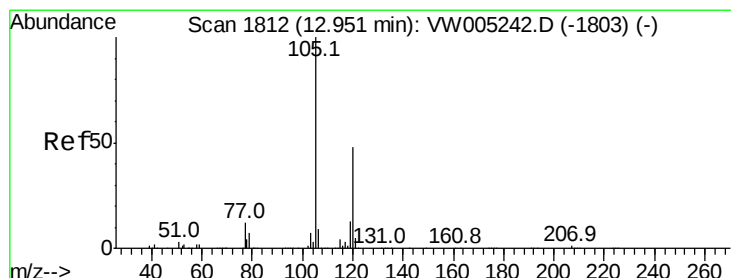
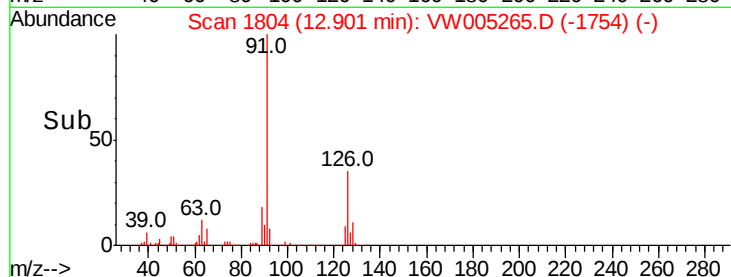
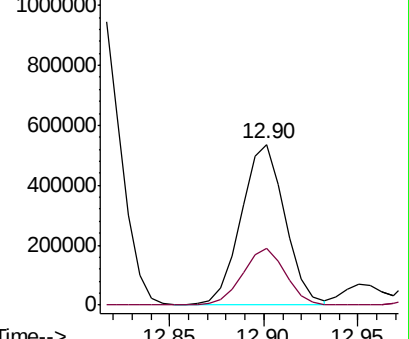
91 100

126 34.9 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: 50.428 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005265.D

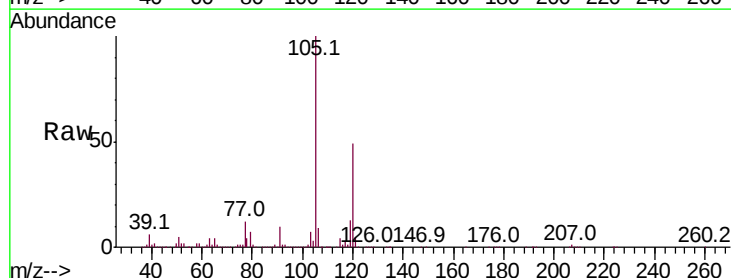
Acq: 11 Sep 2018 10:23

Tgt Ion:105 Resp: 1089404

Ion Ratio Lower Upper

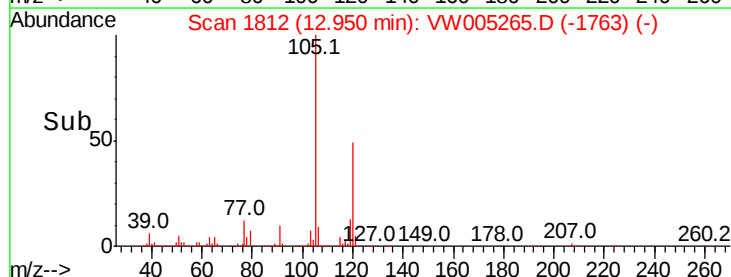
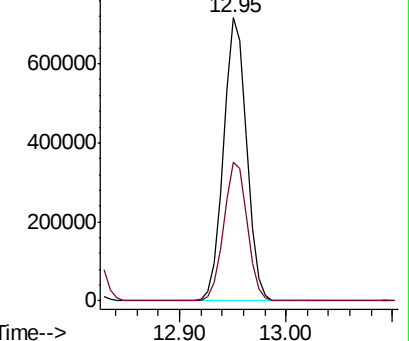
105 100

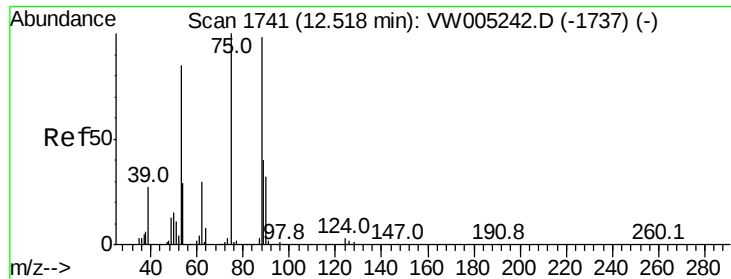
120 50.0 24.4 73.4



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: 46.509 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

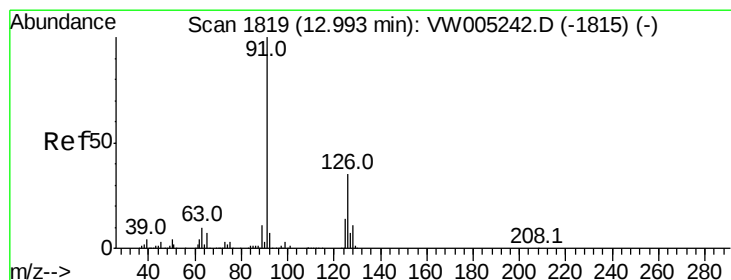
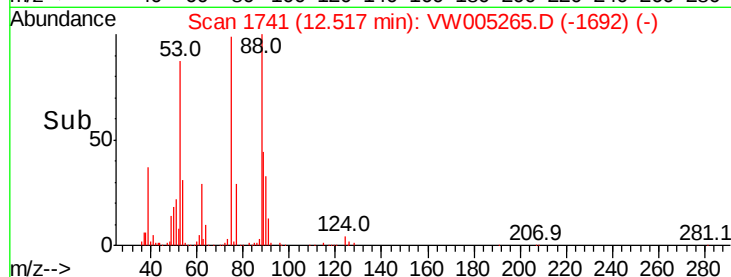
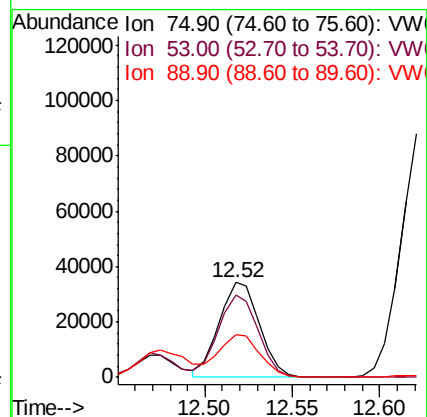
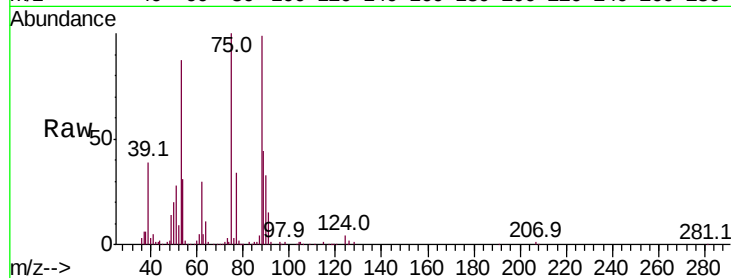
Tot Ion: 75 Resp: 54771

Ion Ratio Lower Upper

75 100

53 86.7 67.0 100.6

89 45.2 37.0 55.4



#82

4-Chlorotoluene

Concen: 49.239 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW005265.D

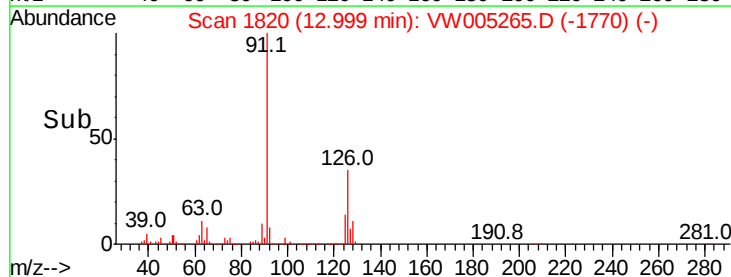
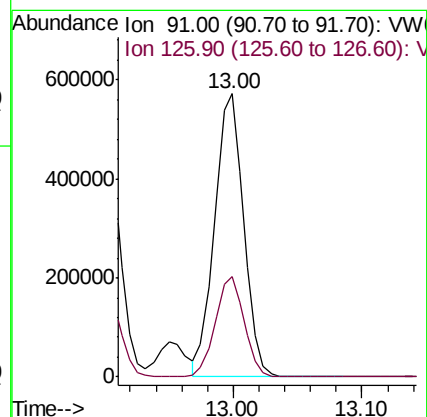
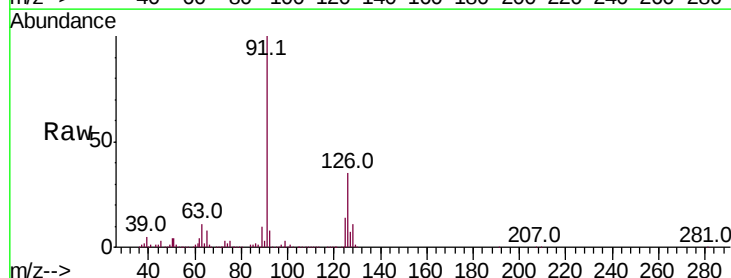
Acq: 11 Sep 2018 10:23

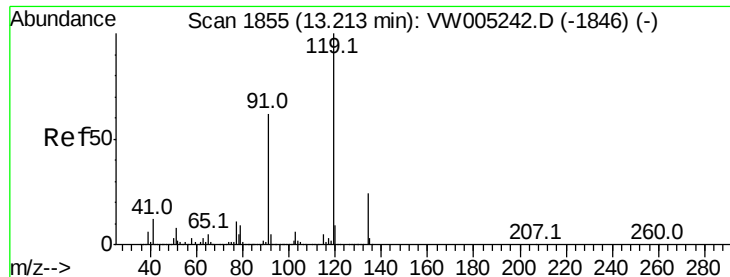
Tgt Ion: 91 Resp: 904329

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5

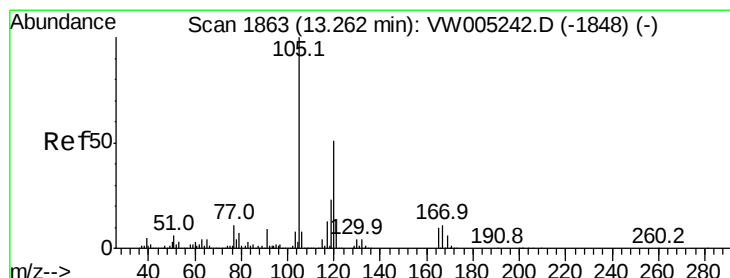
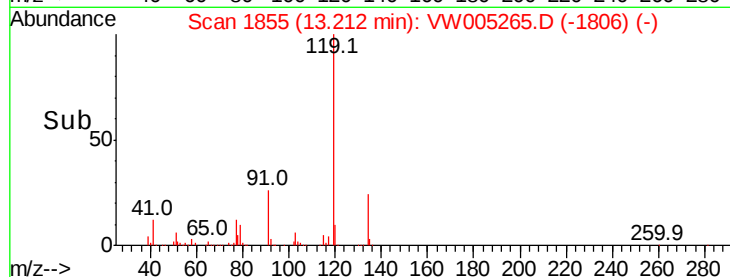
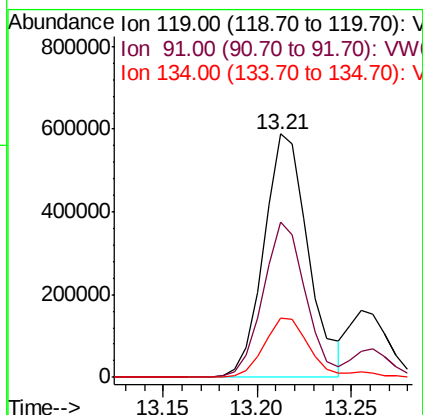
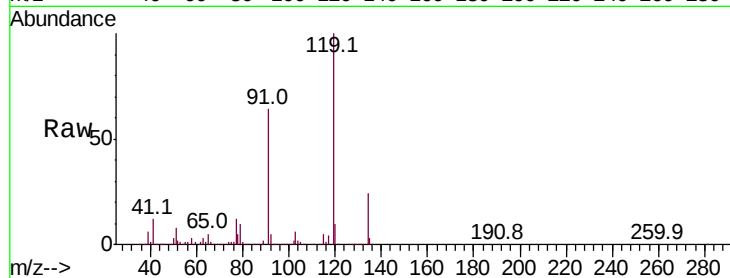




#83
 tert-Butylbenzene
 Concen: 50.930 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

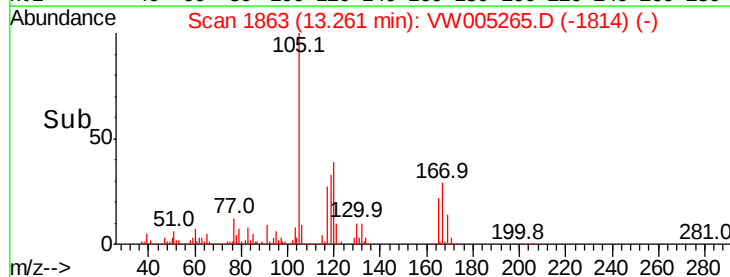
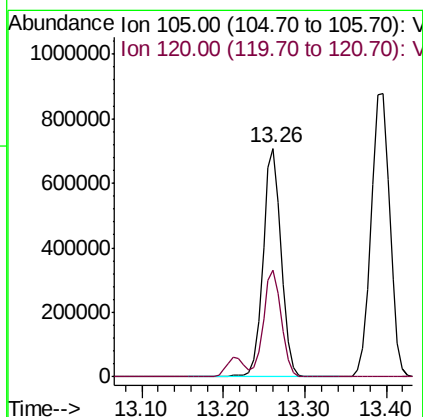
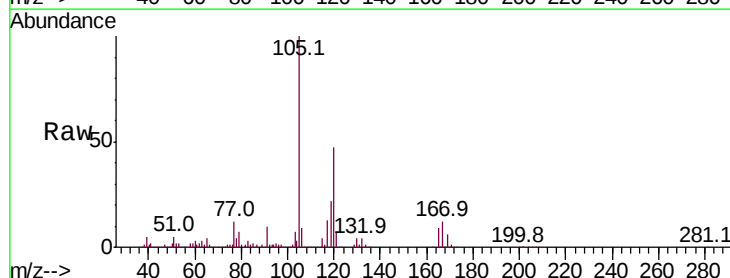
Instrument :
 MSVOA_W
 ClientSampleId :

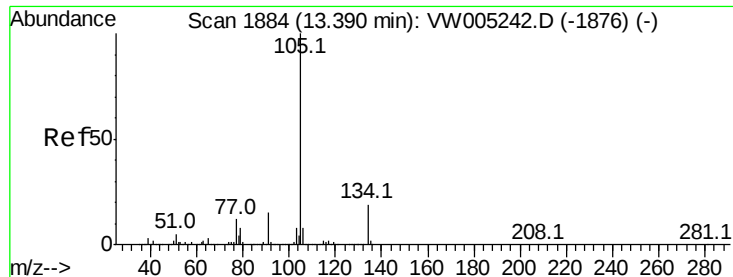
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.7	95.1
134	25.7	13.0	38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.405 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.3





#85

sec-Butylbenzene

Concen: 50.915 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

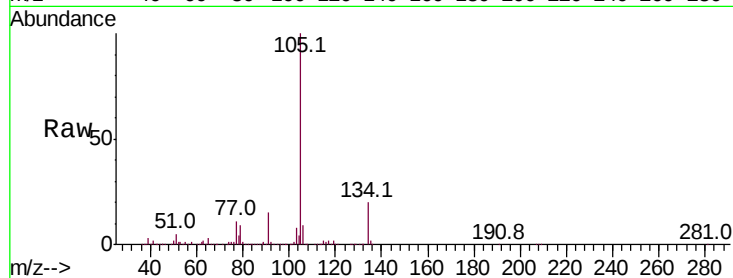
ClientSampleId :

Tot Ion:105 Resp: 1382540

Ion Ratio Lower Upper

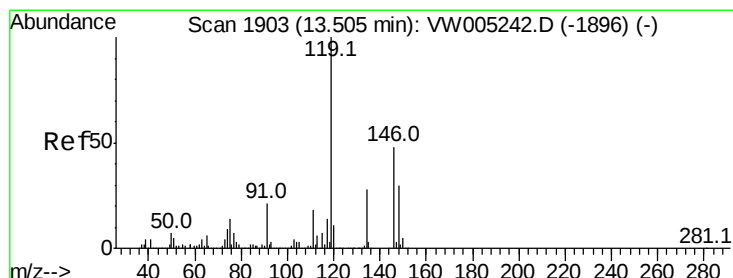
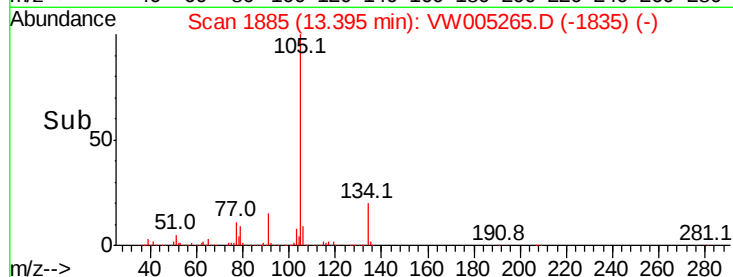
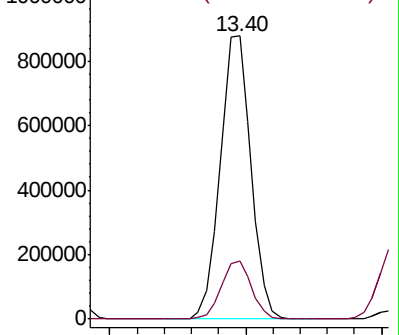
105 100

134 20.3 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.601 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

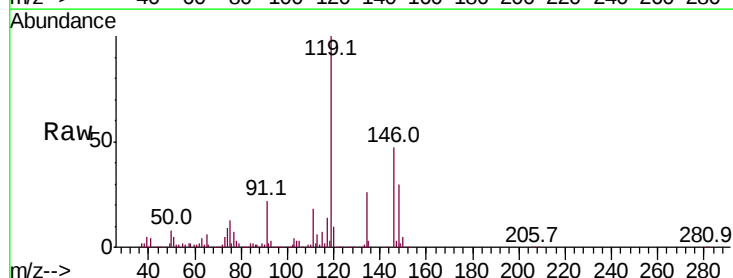
Tgt Ion:119 Resp: 1240383

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

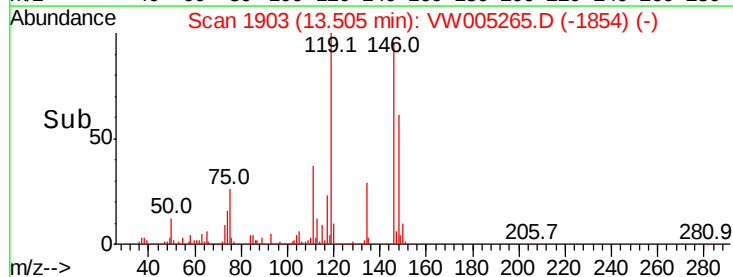
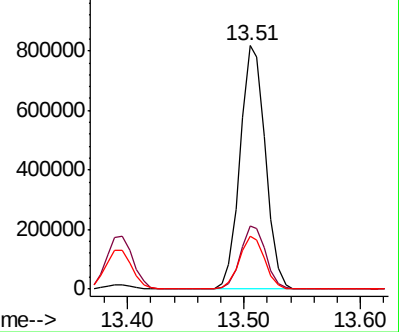
91 21.7 10.7 32.1

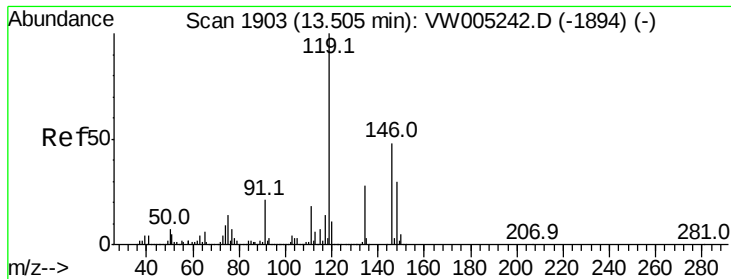


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.851 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005265.D

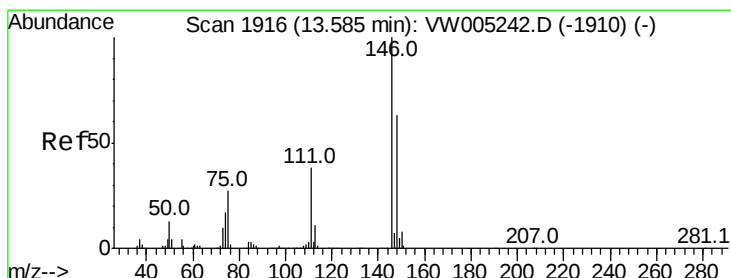
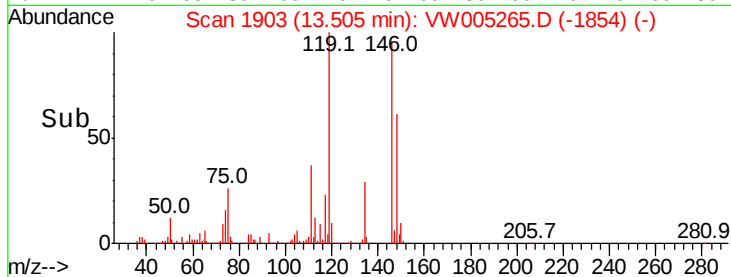
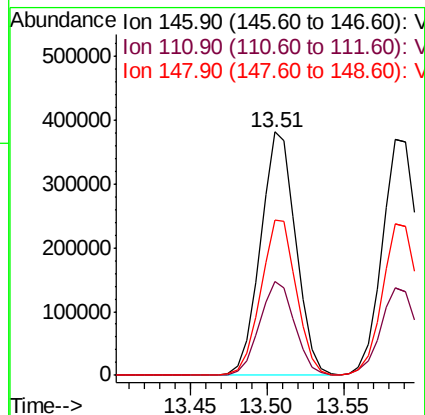
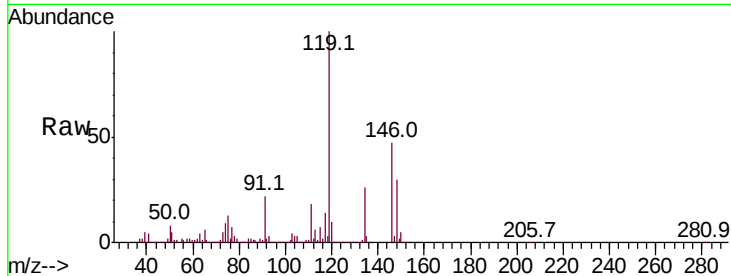
Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	613097
Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	64.2	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 48.825 ug/l

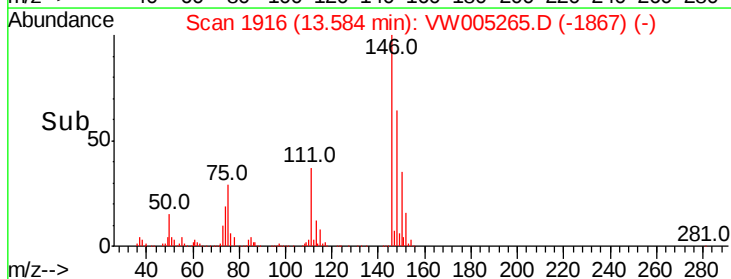
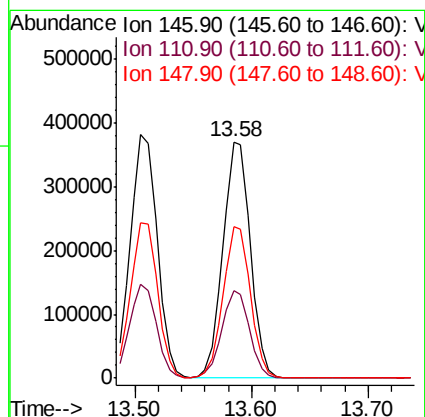
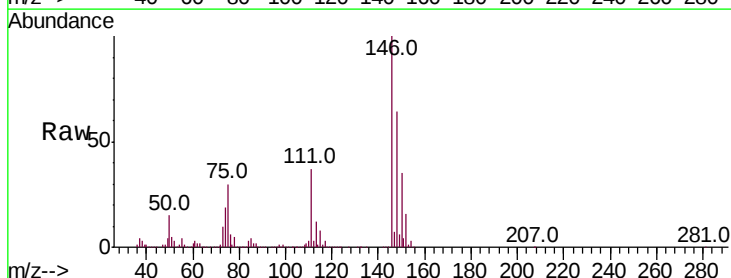
RT: 13.58 min Scan# 1916

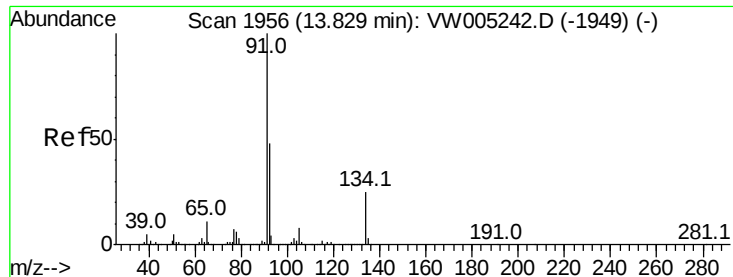
Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	146	Resp:	601847
Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.3
148	63.8	32.3	96.9





#89

n-Butylbenzene

Concen: 50.852 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

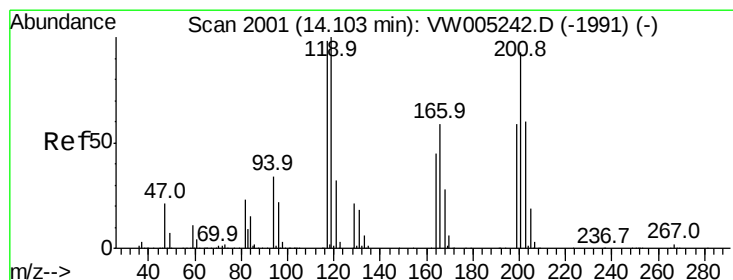
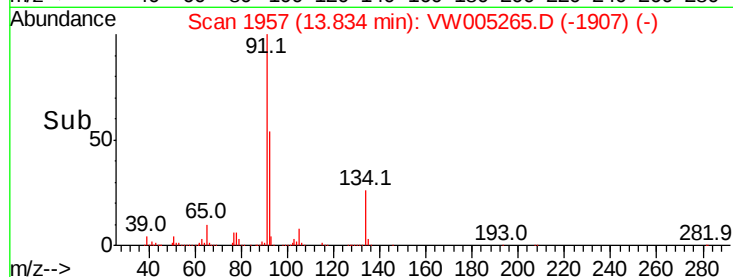
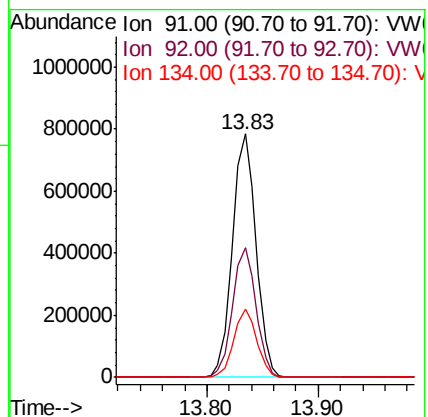
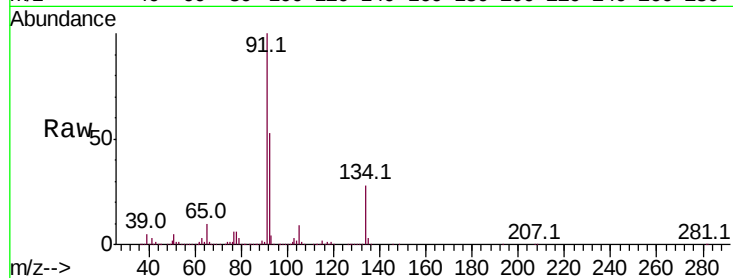
Tot Ion: 91 Resp: 1149105

Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.8	77.3
134	27.3	13.6	40.8

91 100

92 53.1 25.8 77.3

134 27.3 13.6 40.8



#90

Hexachloroethane

Concen: 49.896 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005265.D

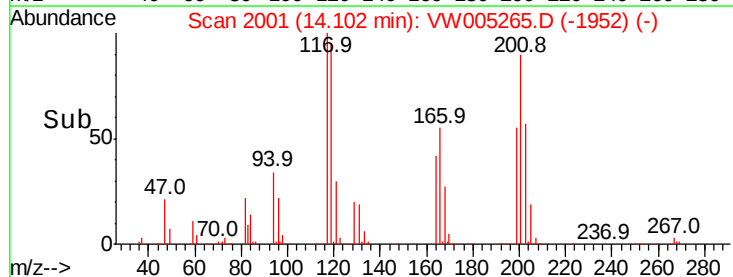
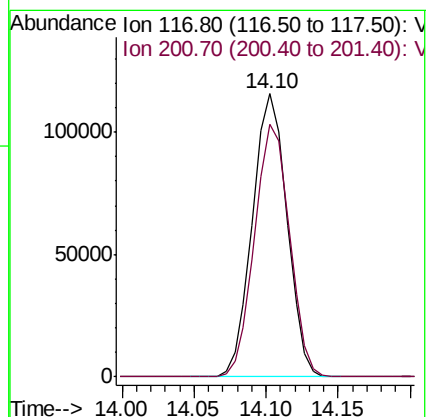
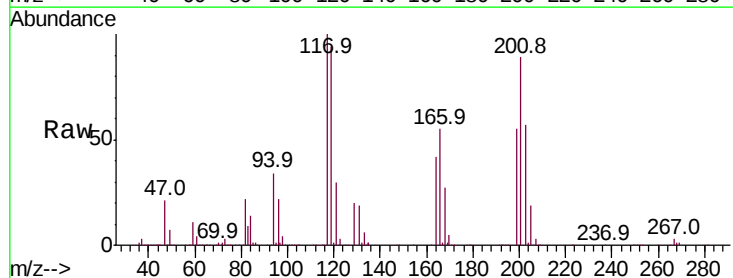
Acq: 11 Sep 2018 10:23

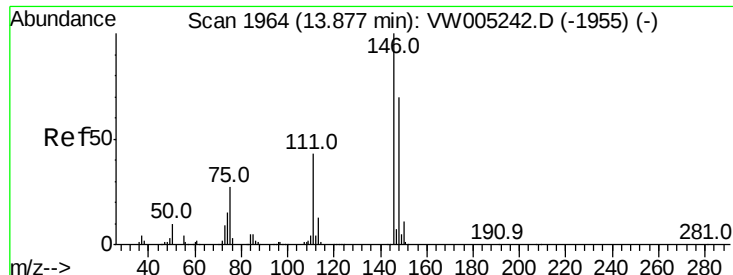
Tgt Ion: 117 Resp: 192162

Ion	Ratio	Lower	Upper
117	100		
201	90.0	44.0	132.1

117 100

201 90.0 44.0 132.1





#91

1,2-Dichlorobenzene

Concen: 48.832 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

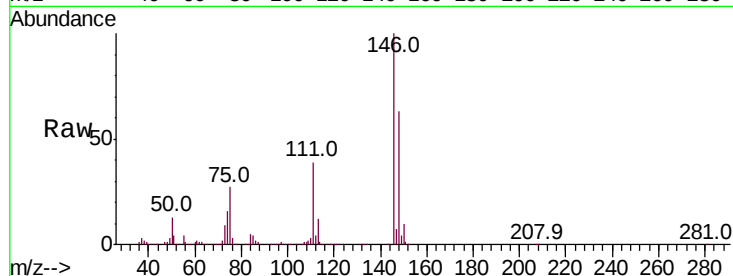
Tot Ion:146 Resp: 538670

Ion Ratio Lower Upper

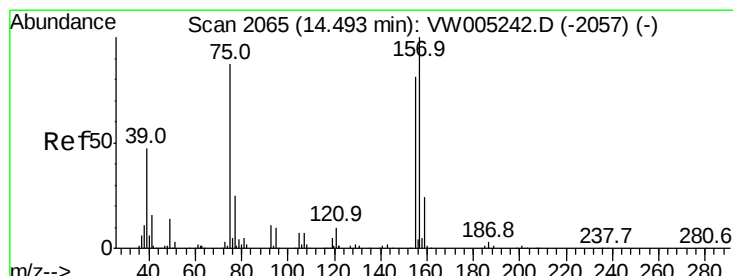
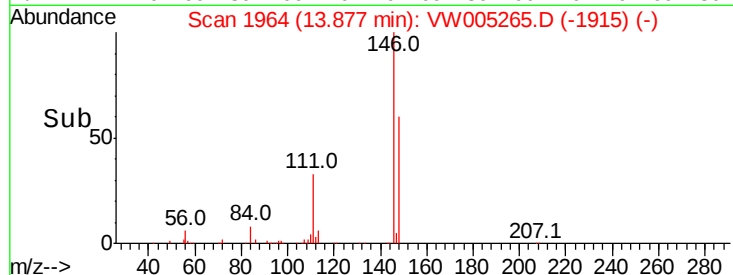
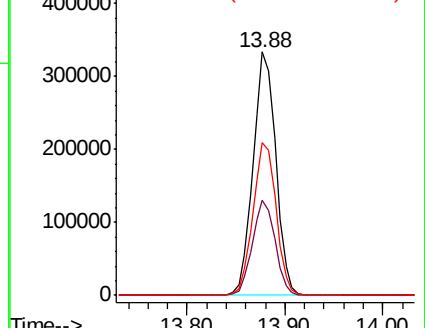
146 100

111 39.0 20.5 61.5

148 63.7 32.7 98.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.170 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

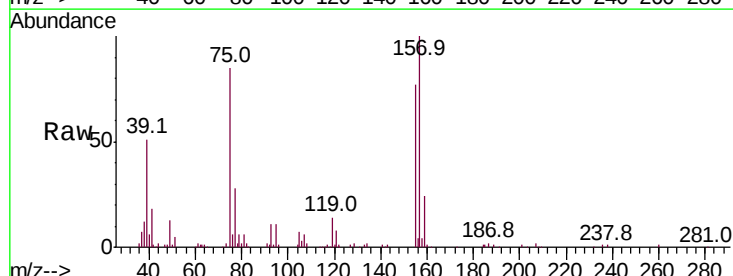
Tgt Ion: 75 Resp: 28640

Ion Ratio Lower Upper

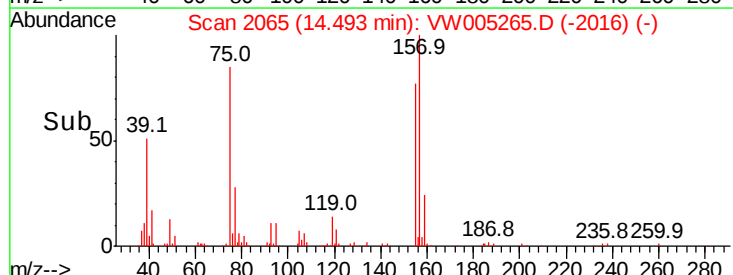
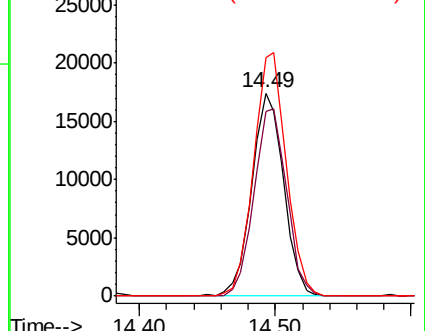
75 100

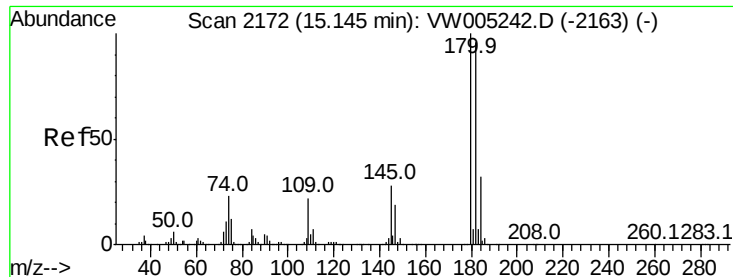
155 94.4 47.4 142.2

157 122.8 59.4 178.2



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

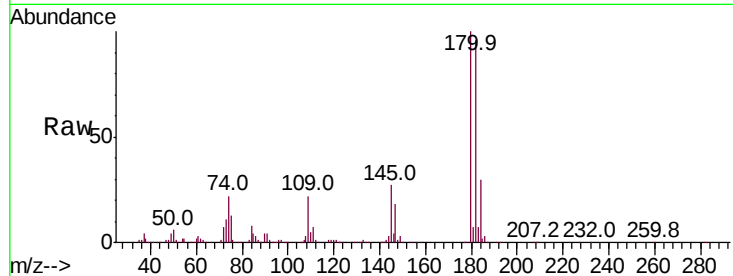




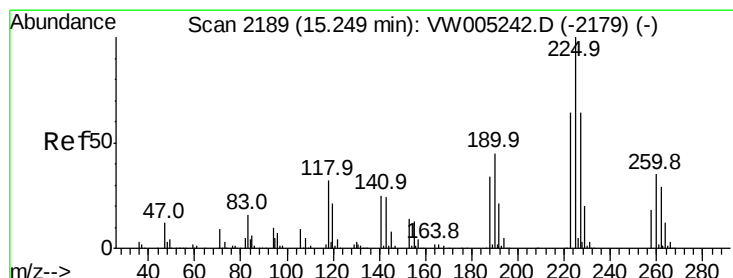
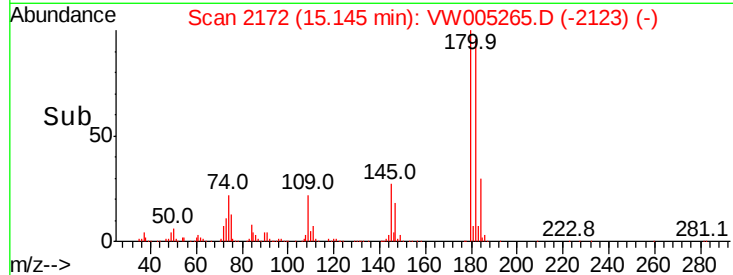
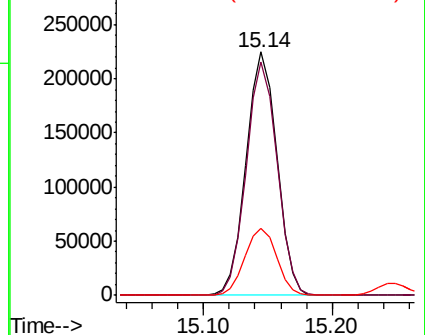
#93
 1,2,4-Trichlorobenzene
 Concen: 47.531 ug/l
 RT: 15.14 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.4
145	28.5	14.5	43.6

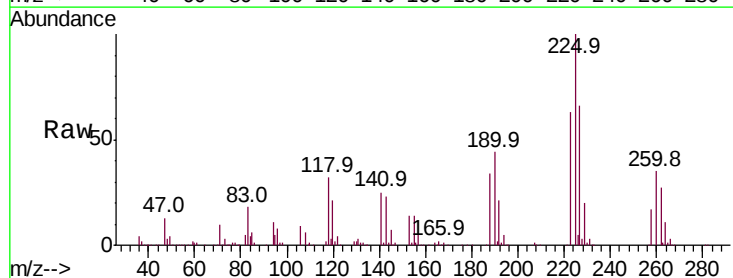


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

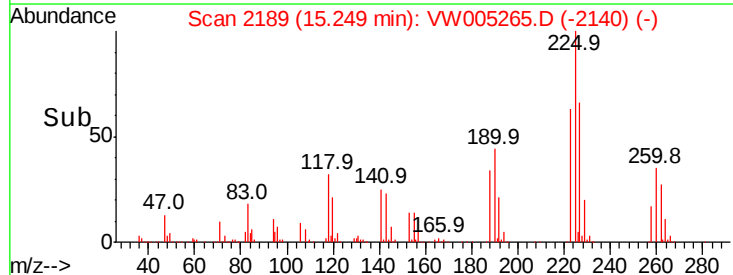
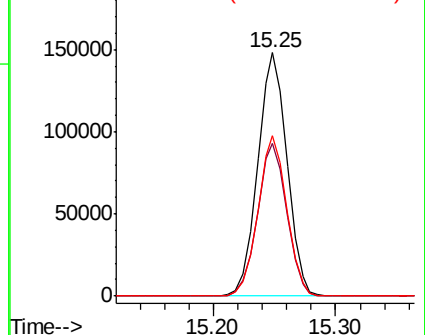


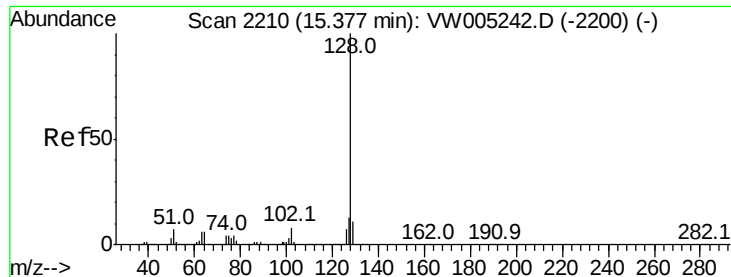
#94
 Hexachlorobutadiene
 Concen: 49.316 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.2
227	64.7	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

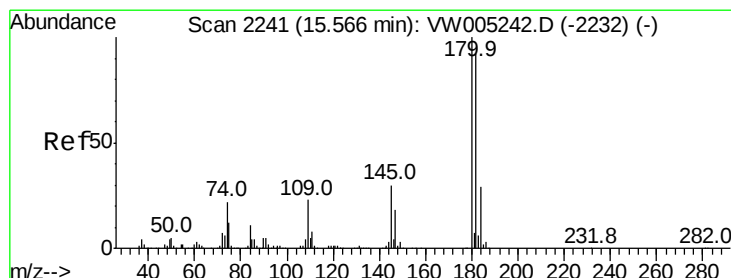
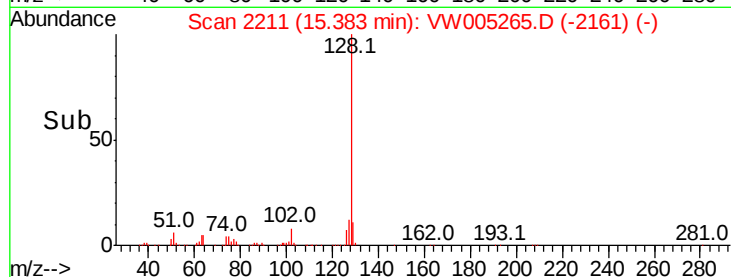
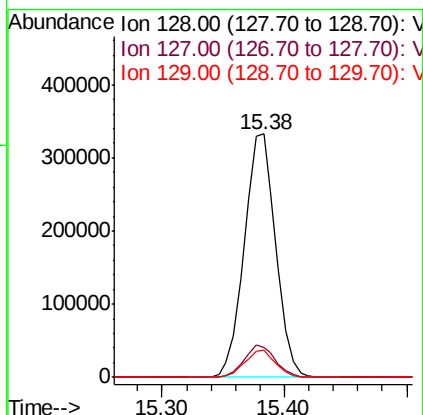
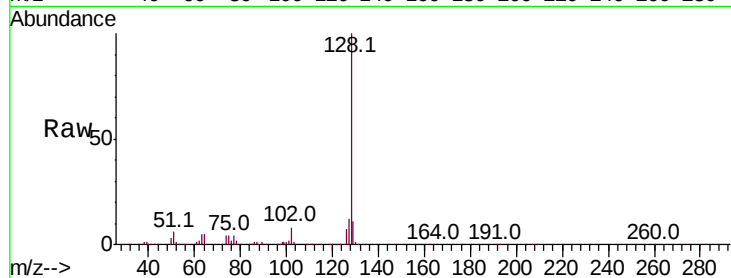




#95
Naphthalene
Concen: 46.815 ug/l
RT: 15.38 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.148 ug/l
RT: 15.57 min Scan# 2242
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.2	141.6
145	30.5	15.2	45.6

