

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005267.D
 Acq On : 11 Sep 2018 11:38
 Operator : SY/AP
 Sample : VW0911SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 12:27:07 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	456763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	636010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	346893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	172466	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.89	113	174494	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.33	98	877557	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.63	95	318024	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	90042	22.852	ug/l	99
3) Chloromethane	2.22	50	109271	20.743	ug/l	97
4) Vinyl Chloride	2.36	62	102228	21.139	ug/l	99
5) Bromomethane	2.76	94	78660	25.344	ug/l	100
6) Chloroethane	2.91	64	55919	20.992	ug/l	97
7) Trichlorofluoromethane	3.26	101	116540	21.303	ug/l	97
8) Diethyl Ether	3.69	74	38720	19.860	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	82798	21.189	ug/l	98
10) Methyl Iodide	4.28	142	63515	15.534	ug/l	99
11) Tert butyl alcohol	5.17	59	28280	101.222	ug/l	97
12) 1,1-Dichloroethene	4.04	96	75238	20.911	ug/l	99
13) Acrolein	3.90	56	27208	100.816	ug/l	100
14) Allyl chloride	4.68	41	107996	19.535	ug/l	100
15) Acrylonitrile	5.37	53	79755	90.671	ug/l	99
16) Acetone	4.13	43	55002	86.979	ug/l	91
17) Carbon Disulfide	4.38	76	255214	20.208	ug/l	98
18) Methyl Acetate	4.68	43	33796	17.903	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	168806	19.698	ug/l	97
20) Methylene Chloride	4.92	84	100882	19.455	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	88051	20.960	ug/l	96
22) Diisopropyl ether	6.32	45	221724	19.921	ug/l	95
23) Vinyl Acetate	6.26	43	602550	97.144	ug/l	98
24) 1,1-Dichloroethane	6.22	63	138169	20.167	ug/l	98
25) 2-Butanone	7.18	43	95890	96.135	ug/l	96
26) 2,2-Dichloropropane	7.17	77	129084	21.731	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	91880	20.436	ug/l	99
28) Bromochloromethane	7.52	49	50372	19.930	ug/l #	97
29) Tetrahydrofuran	7.54	42	59822	88.996	ug/l	99
30) Chloroform	7.68	83	141297	20.551	ug/l	98
31) Cyclohexane	7.96	56	149033	20.443	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	131918	21.238	ug/l	99
36) 1,1-Dichloropropene	8.09	75	125302	21.504	ug/l	100
37) Ethyl Acetate	7.26	43	42999	19.401	ug/l	99
38) Carbon Tetrachloride	8.07	117	119676	21.925	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	140745	18.192	ug/l	97
40) Benzene	8.33	78	359125	20.920	ug/l	100
41) Methacrylonitrile	7.49	41	23256	20.452	ug/l	95
42) 1,2-Dichloroethane	8.41	62	82811	20.164	ug/l	100
43) Isopropyl Acetate	8.43	43	76250	18.526	ug/l	97
44) Trichloroethene	9.10	130	100950	21.435	ug/l	91
45) 1,2-Dichloropropane	9.37	63	79151	19.182	ug/l	99
46) Dibromomethane	9.46	93	36671	18.156	ug/l	97
47) Bromodichloromethane	9.65	83	97264	19.686	ug/l	94
48) Methyl methacrylate	9.44	41	31766	14.865	ug/l	87
49) 1,4-Dioxane	9.45	88	13546	359.220	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	205530	88.739	ug/l	100
52) Toluene	10.40	92	255816	20.504	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	107702	20.170	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	130366	20.388	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	66169	20.547	ug/l	96
56) Ethyl methacrylate	10.65	69	73173	17.923	ug/l	98
57) 1,3-Dichloropropane	10.94	76	106685	19.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	155654	87.717	ug/l	98
59) 2-Hexanone	10.98	43	150616	90.203	ug/l	99
60) Dibromochloromethane	11.13	129	73999	20.708	ug/l	98
61) 1,2-Dibromoethane	11.24	107	57718	19.544	ug/l	99
64) Tetrachloroethene	10.87	164	98407	21.735	ug/l	98
65) Chlorobenzene	11.66	112	285217	21.335	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	84959	21.285	ug/l	99
67) Ethyl Benzene	11.74	91	491183	21.098	ug/l	99
68) m/p-Xylenes	11.85	106	406092	43.286	ug/l	97
69) o-Xylene	12.17	106	183015	20.968	ug/l	100
70) Styrene	12.19	104	299805	21.050	ug/l	100
71) Bromoform	12.35	173	44480	20.553	ug/l	100
73) Isopropylbenzene	12.47	105	495906	20.233	ug/l	99
74) N-amyl acetate	12.28	43	82266	17.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	68282	18.537	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	93741	35.134	ug/l #	100
77) Bromobenzene	12.76	156	118288	20.486	ug/l	97
78) n-propylbenzene	12.81	91	616267	20.935	ug/l	99
79) 2-Chlorotoluene	12.90	91	347168	20.566	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	432205	20.709	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	20973	18.435	ug/l	97
82) 4-Chlorotoluene	13.00	91	366632	20.663	ug/l	99
83) tert-Butylbenzene	13.21	119	378003	20.709	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	438298	20.899	ug/l	98
85) sec-Butylbenzene	13.39	105	523418	19.953	ug/l	98
86) p-Isopropyltoluene	13.51	119	479895	20.665	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	244681	20.181	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242560	20.369	ug/l	100
89) n-Butylbenzene	13.83	91	437111	20.023	ug/l	99
90) Hexachloroethane	14.10	117	75414	20.269	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	218682	20.520	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11140	18.187	ug/l	99

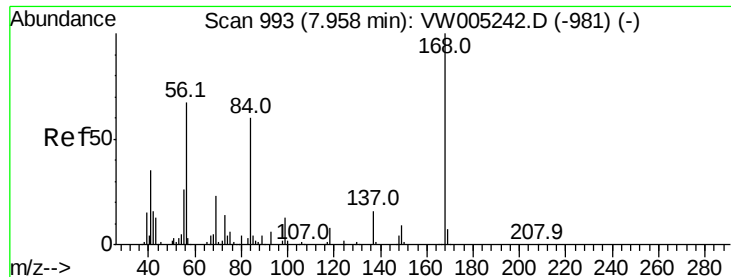
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	149550	19.839	ug/l	98
94) Hexachlorobutadiene	15.25	225	98585	20.422	ug/l	99
95) Naphthalene	15.38	128	215246	17.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	126242	19.462	ug/l	99

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

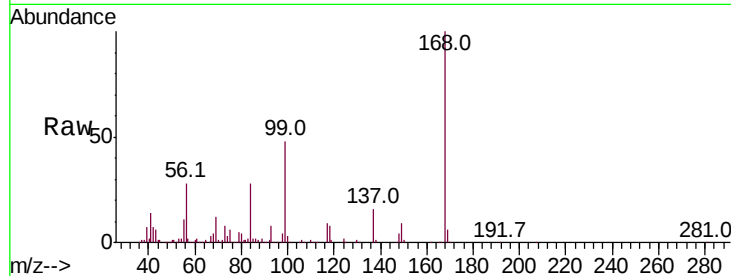


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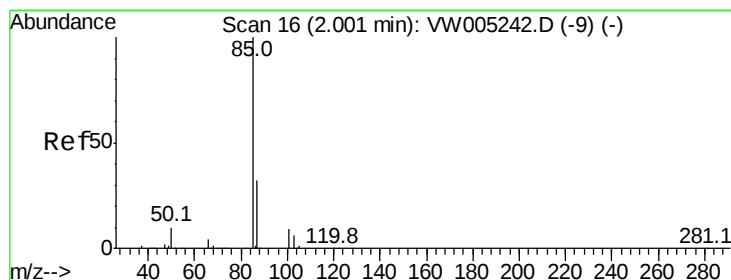
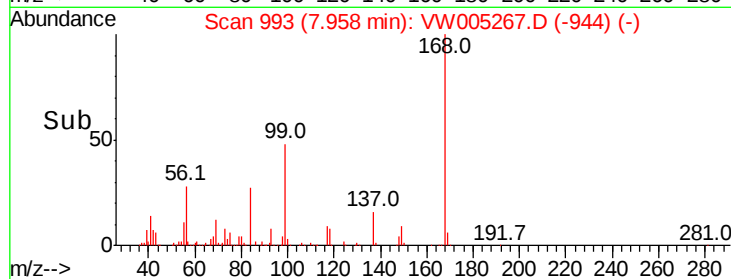
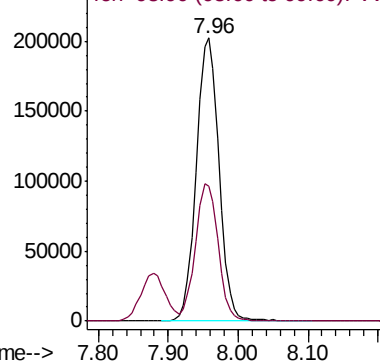
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 456763
 Ion Ratio Lower Upper
 168 100
 99 47.8 39.1 58.7



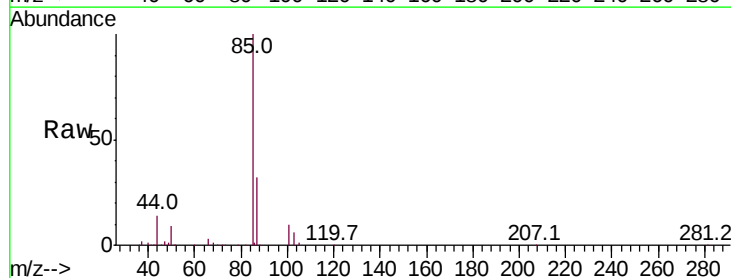
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



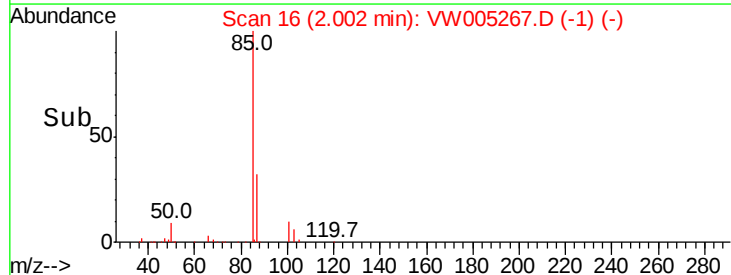
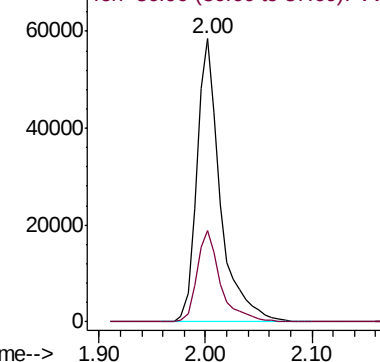
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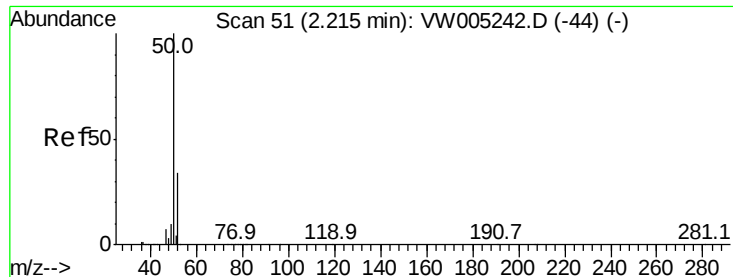
Dichlorodifluoromethane
 Concen: 22.852 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 85 Resp: 90042
 Ion Ratio Lower Upper
 85 100
 87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW
 Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.743 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

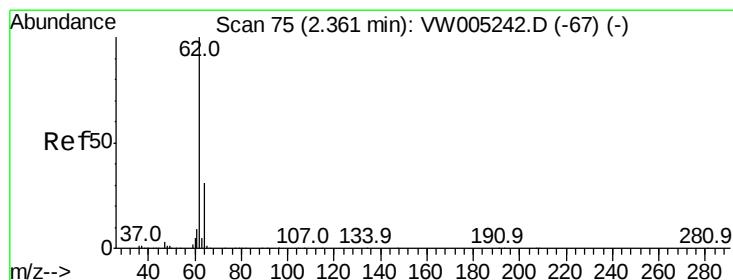
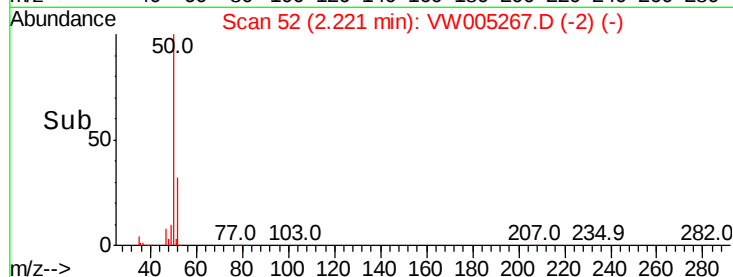
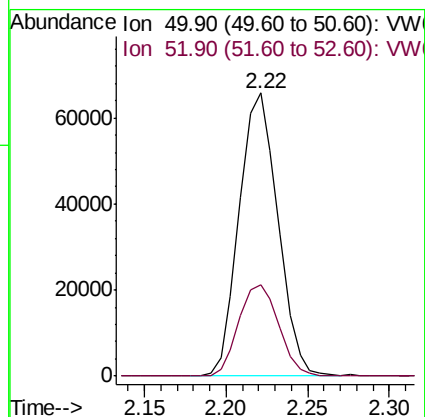
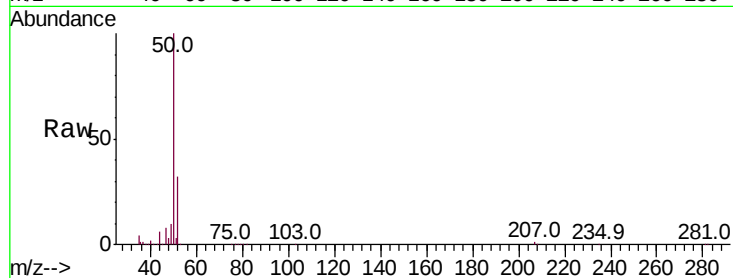
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 109271

Ion Ratio Lower Upper

50 100

52 32.1 27.0 40.4



#4

Vinyl Chloride

Concen: 21.139 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005267.D

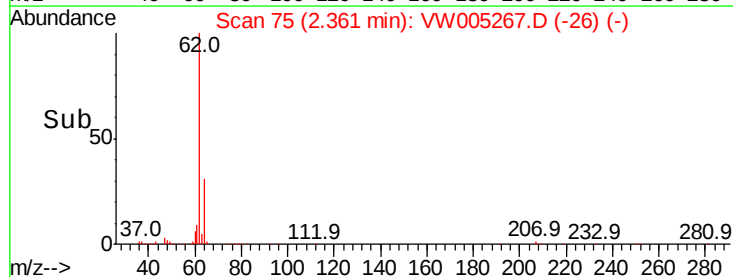
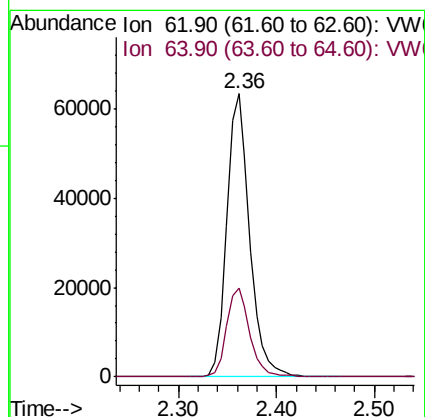
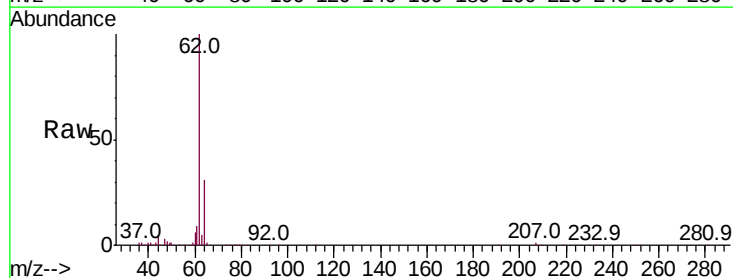
Acq: 11 Sep 2018 11:38

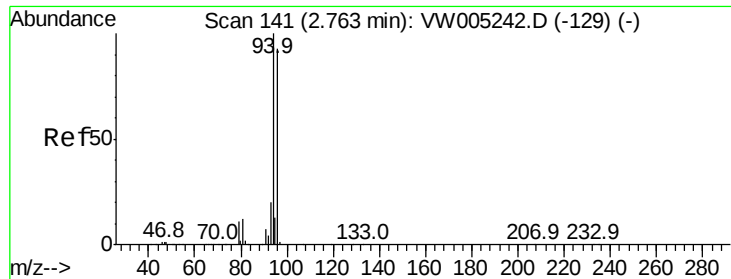
Tgt Ion: 62 Resp: 102228

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 25.344 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

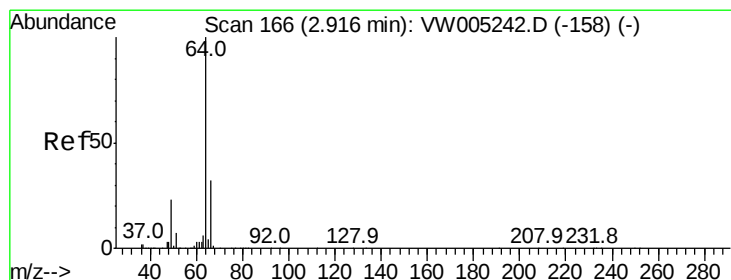
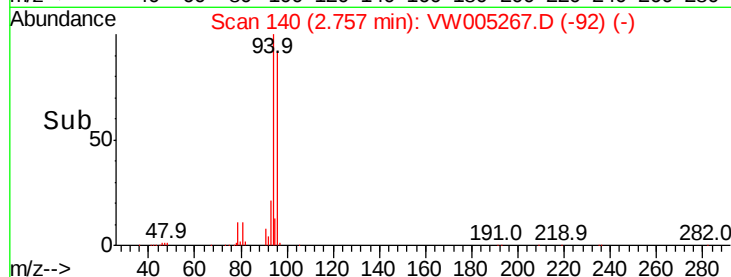
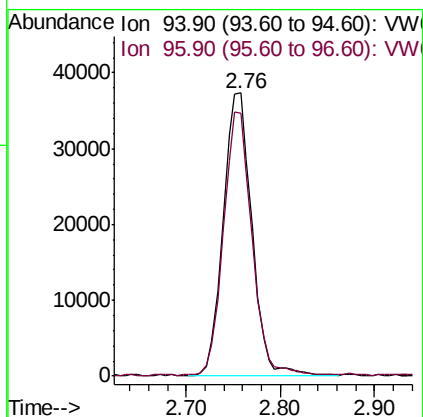
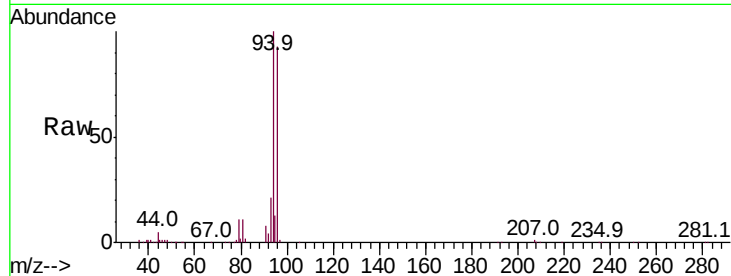
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 78660

Ion Ratio Lower Upper

94 100

96 92.5 74.1 111.1



#6

Chloroethane

Concen: 20.992 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005267.D

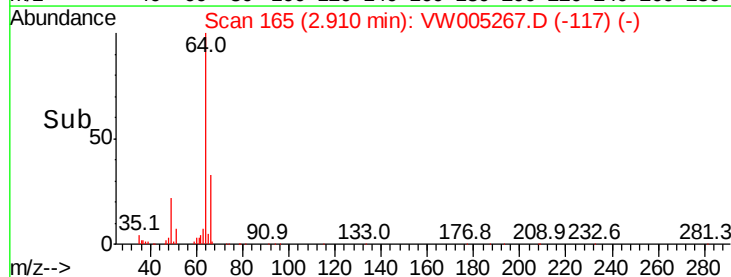
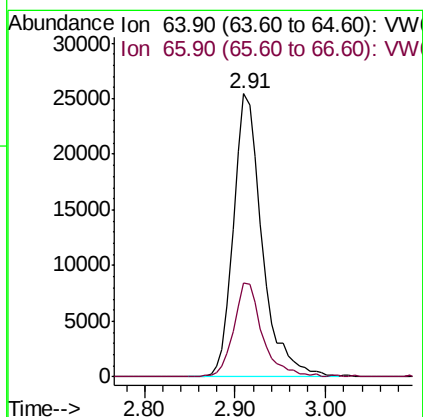
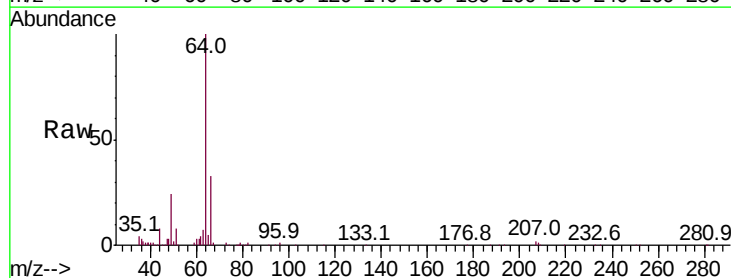
Acq: 11 Sep 2018 11:38

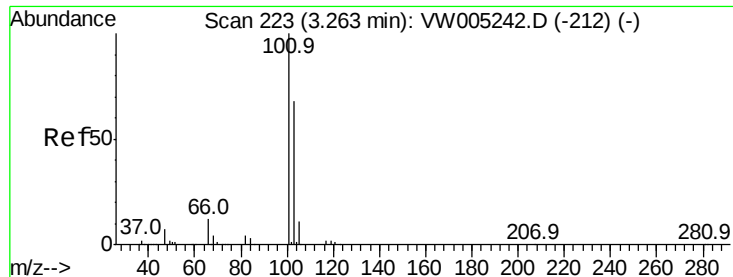
Tgt Ion: 64 Resp: 55919

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9



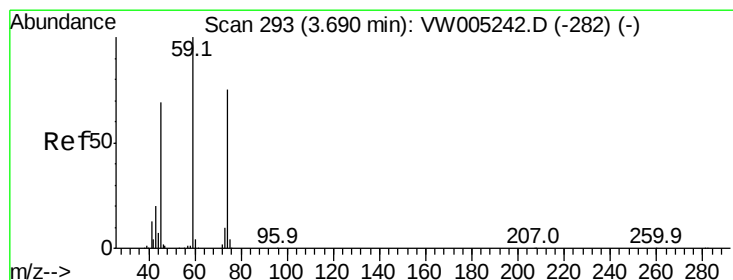
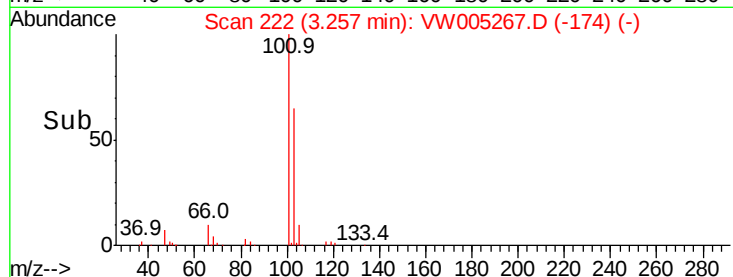
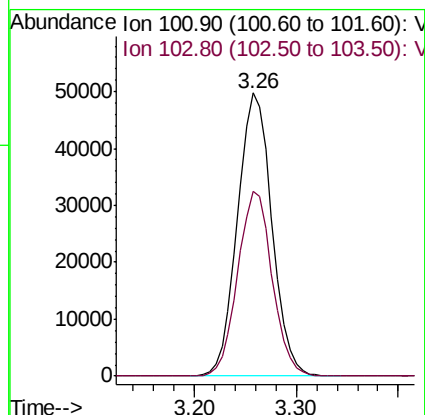
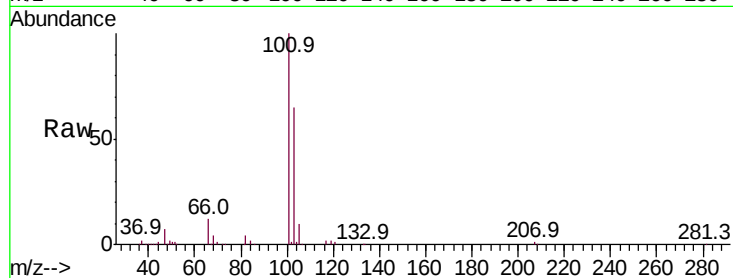


#7

Trichlorofluoromethane
 Concen: 21.303 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :

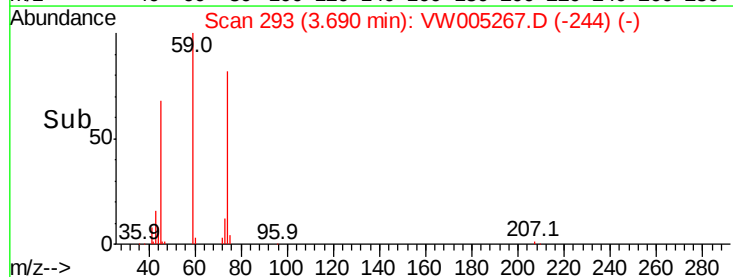
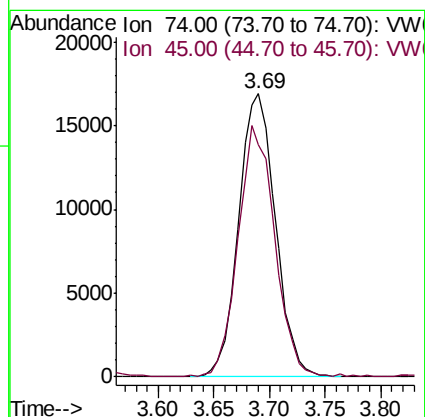
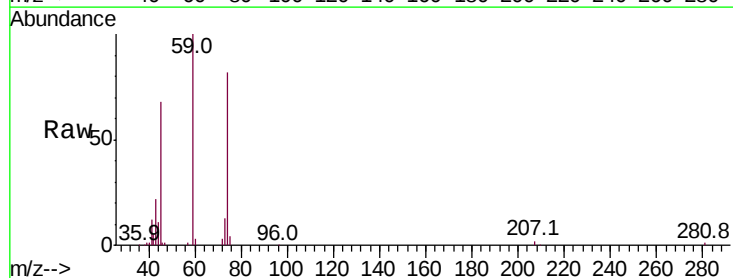
Tot Ion:101 Resp: 116540
 Ion Ratio Lower Upper
 101 100
 103 65.3 54.1 81.1

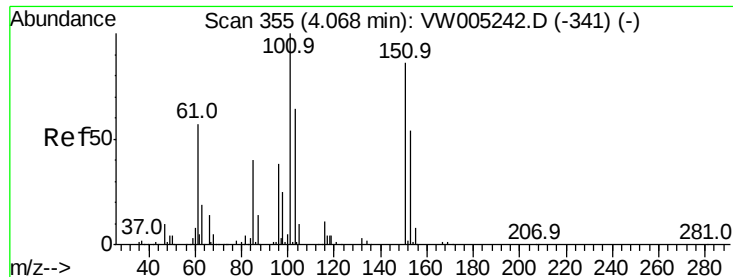


#8

Diethyl Ether
 Concen: 19.860 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 74 Resp: 38720
 Ion Ratio Lower Upper
 74 100
 45 88.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.189 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

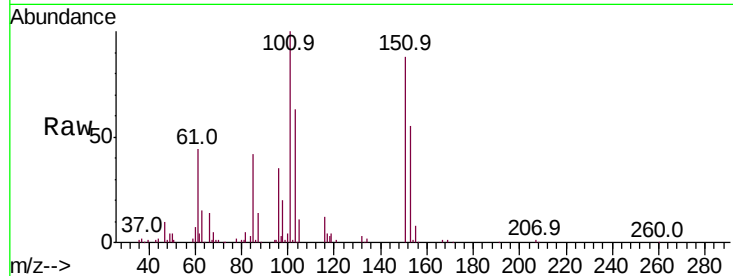
Tot Ion:101 Resp: 82798

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

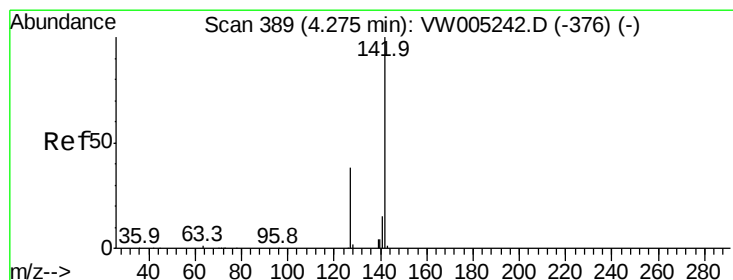
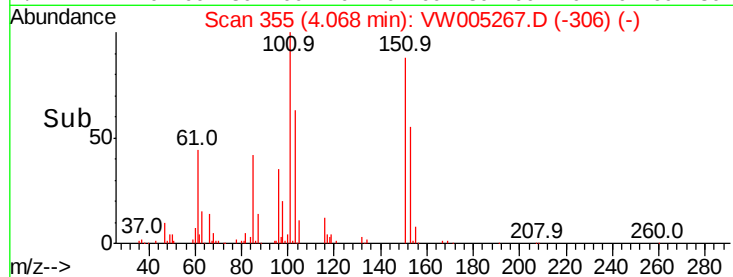
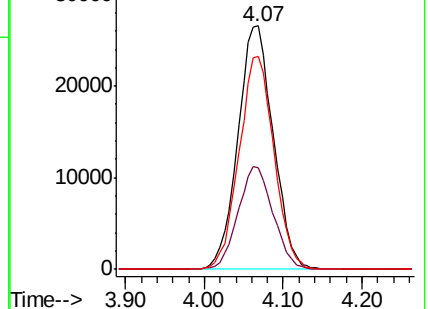
151 86.4 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.534 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

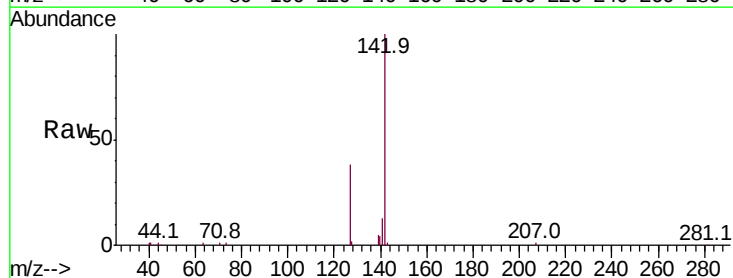
Tgt Ion:142 Resp: 63515

Ion Ratio Lower Upper

142 100

127 38.6 30.3 45.5

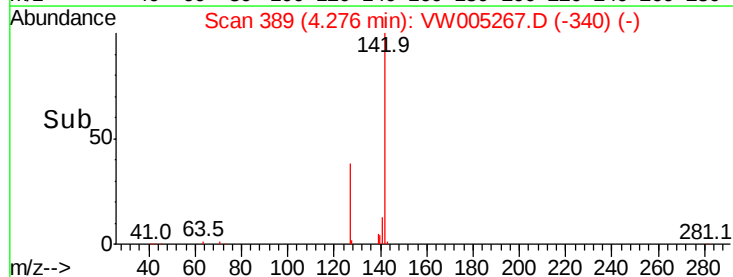
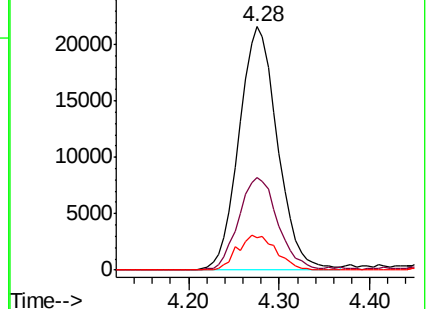
141 14.6 11.4 17.0

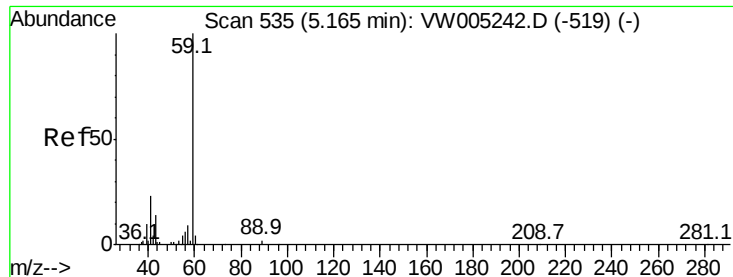


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



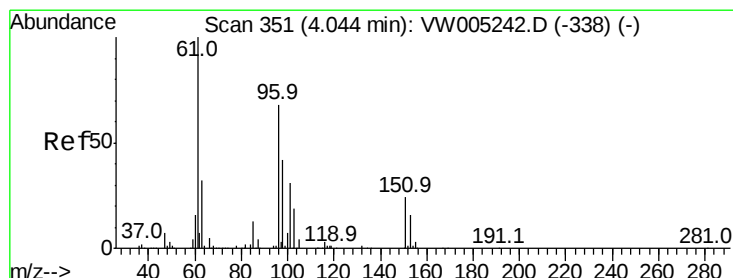
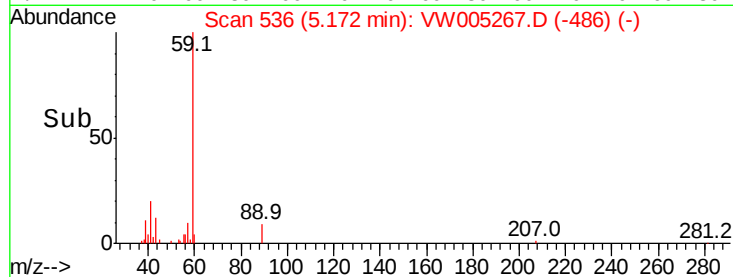
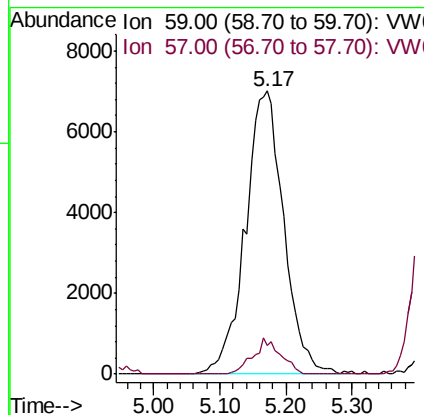
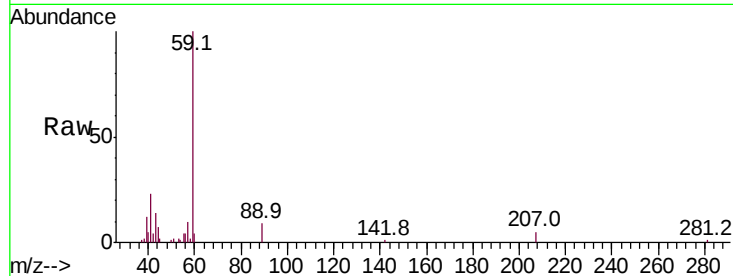


#11

Tert butyl alcohol
 Concen: 101.222 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :

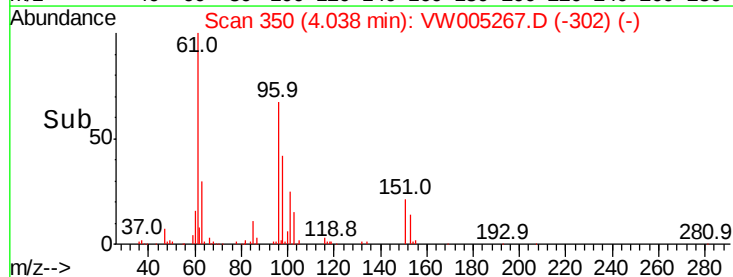
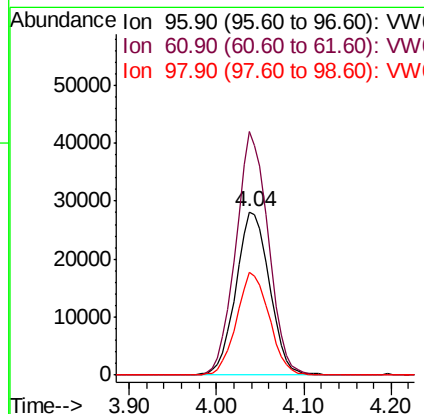
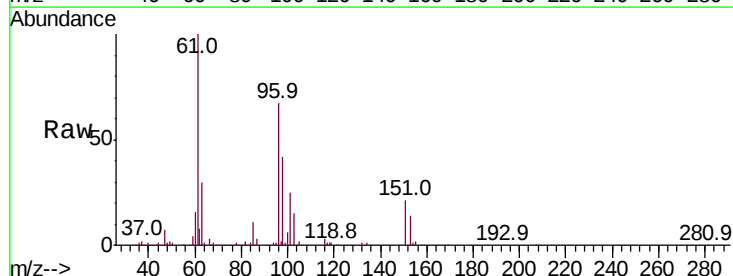
Tot Ion: 59 Resp: 28280
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.1 12.1

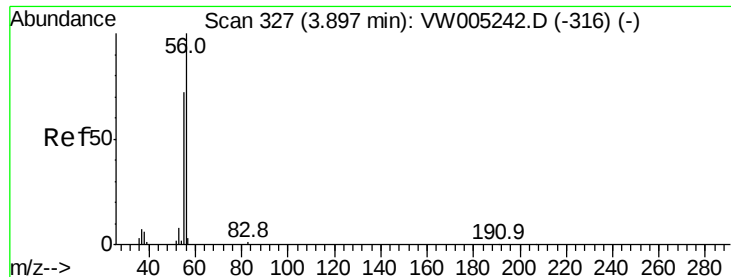


#12

1,1-Dichloroethene
 Concen: 20.911 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 96 Resp: 75238
 Ion Ratio Lower Upper
 96 100
 61 149.1 118.2 177.2
 98 63.1 49.9 74.9

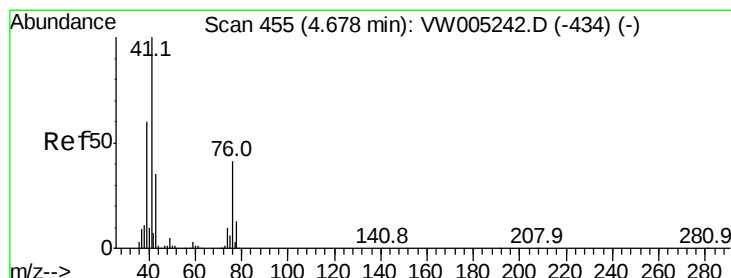
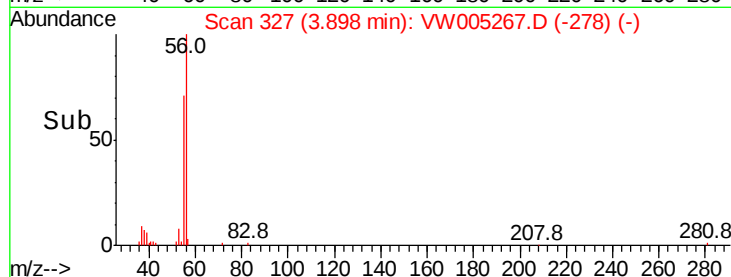
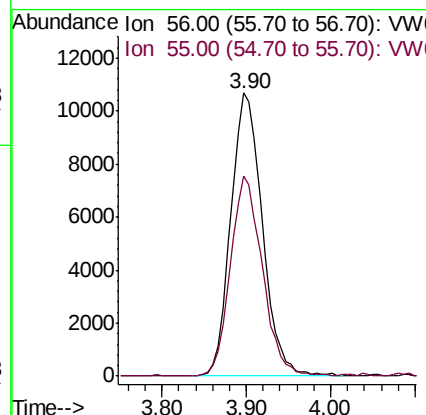
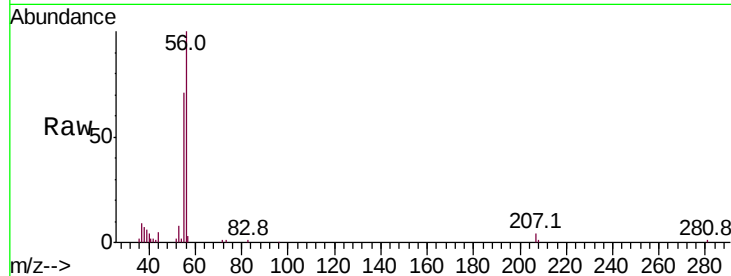




#13
Acrolein
Concen: 100.816 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

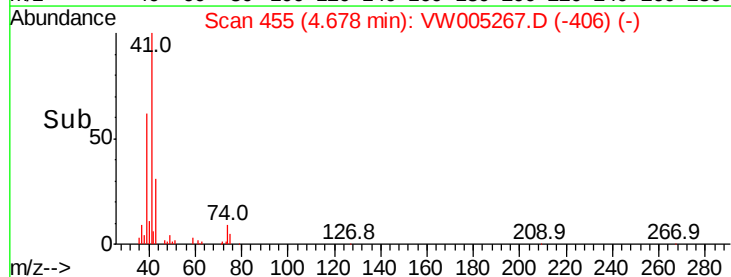
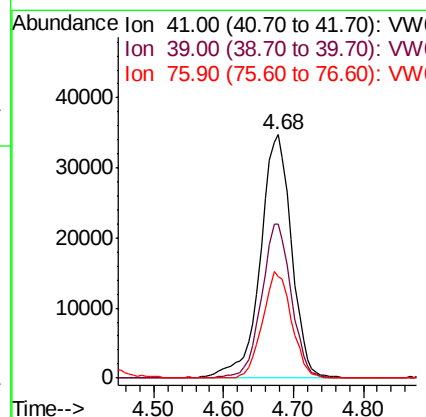
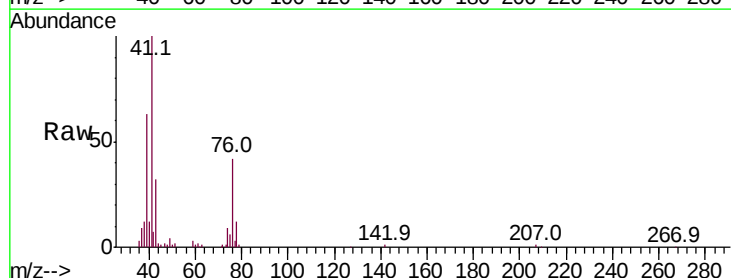
Instrument :
MSVOA_W
ClientSampleId :

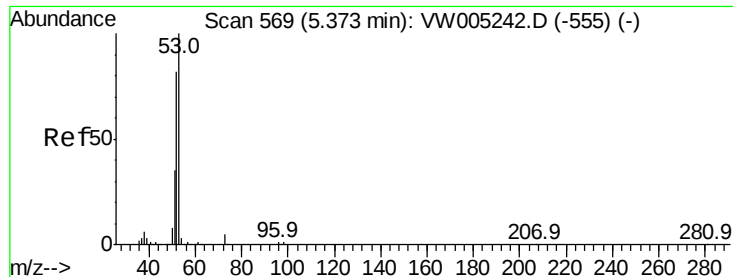
Tot Ion: 56 Resp: 27208
Ion Ratio Lower Upper
56 100
55 71.4 56.8 85.2



#14
Allyl chloride
Concen: 19.535 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 41 Resp: 107996
Ion Ratio Lower Upper
41 100
39 60.3 48.2 72.4
76 40.3 31.7 47.5





#15

Acrylonitrile

Concen: 90.671 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

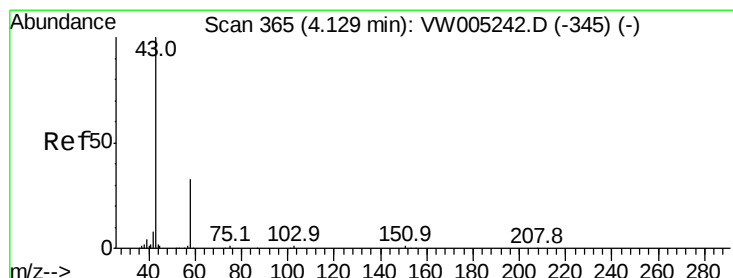
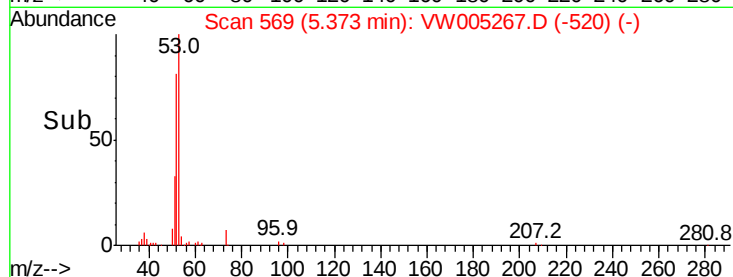
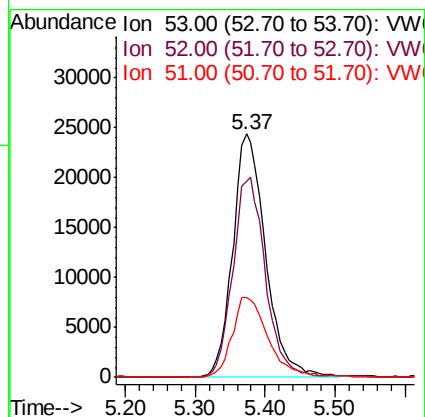
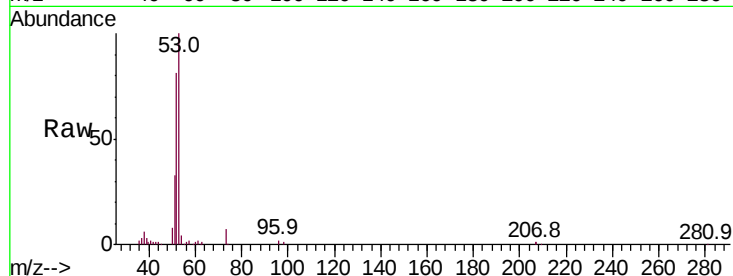
Tot Ion: 53 Resp: 79755

Ion Ratio Lower Upper

53 100

52 81.2 66.0 99.0

51 35.8 28.6 43.0



#16

Acetone

Concen: 86.979 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005267.D

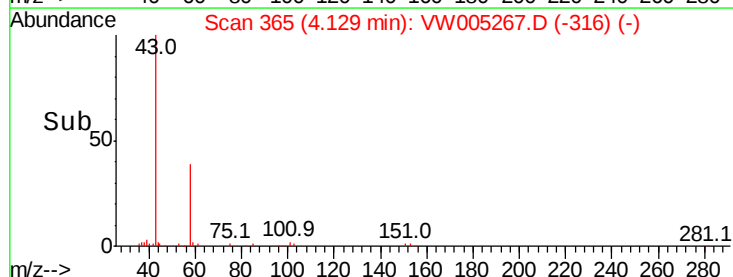
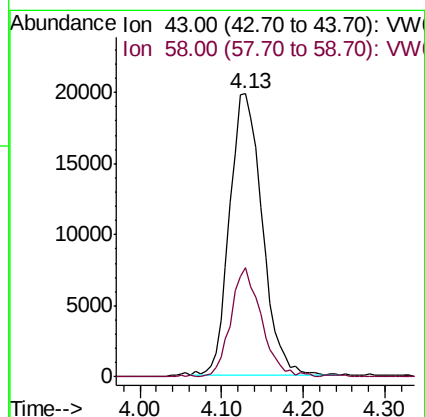
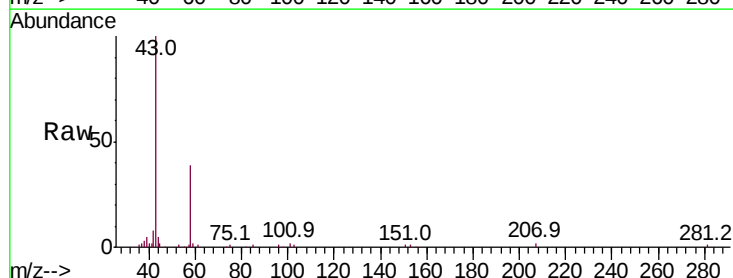
Acq: 11 Sep 2018 11:38

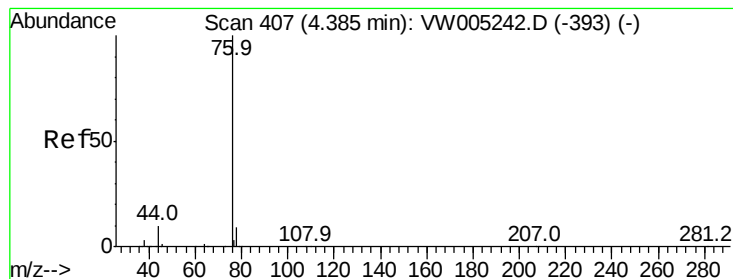
Tgt Ion: 43 Resp: 55002

Ion Ratio Lower Upper

43 100

58 38.3 26.7 40.1





#17

Carbon Disulfide

Concen: 20.208 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

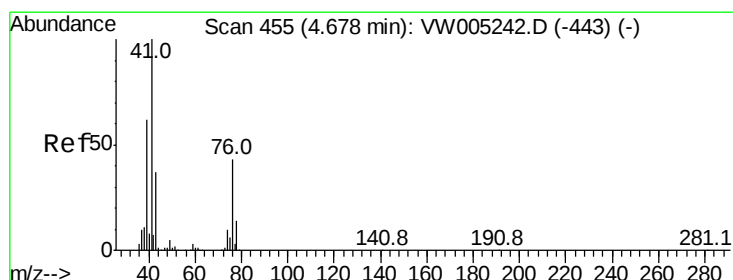
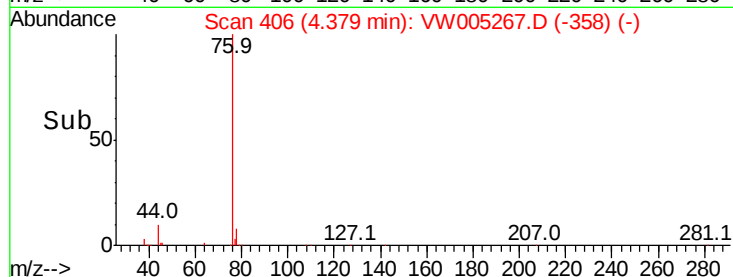
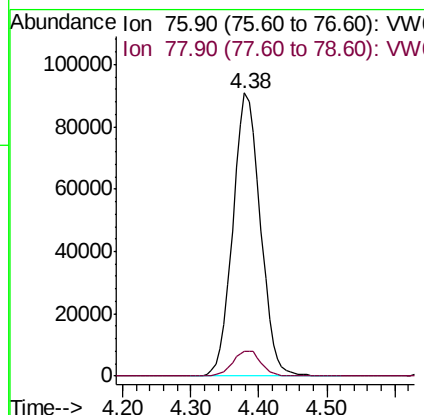
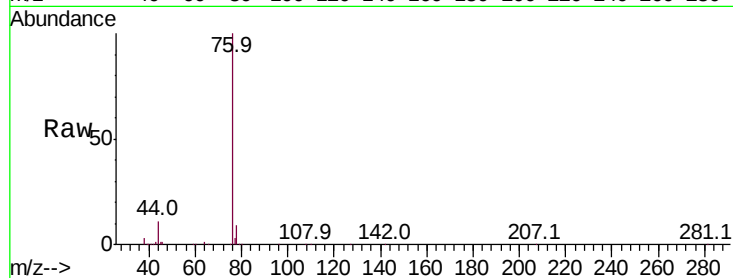
ClientSampleId :

Tot Ion: 76 Resp: 255214

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



#18

Methyl Acetate

Concen: 17.903 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005267.D

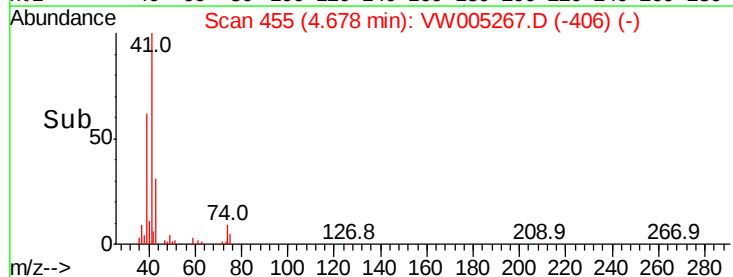
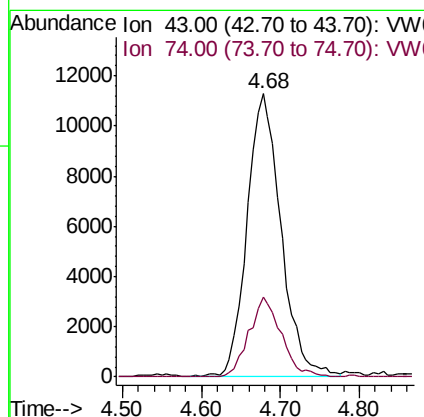
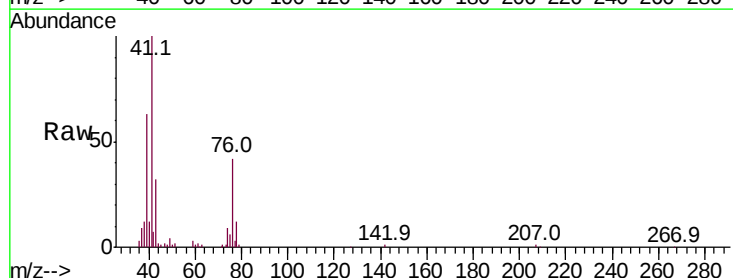
Acq: 11 Sep 2018 11:38

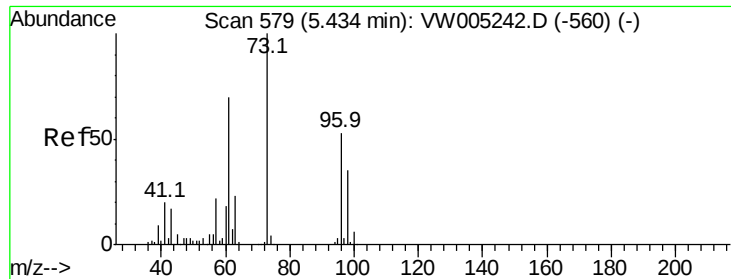
Tgt Ion: 43 Resp: 33796

Ion Ratio Lower Upper

43 100

74 26.8 21.4 32.2

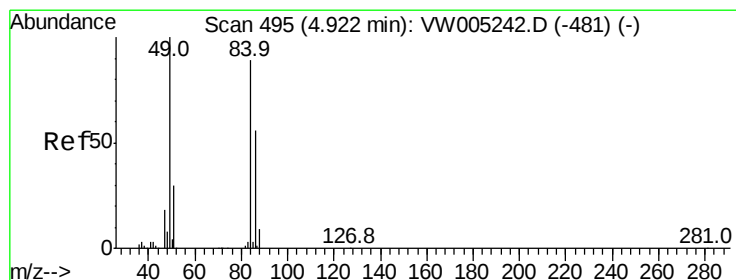
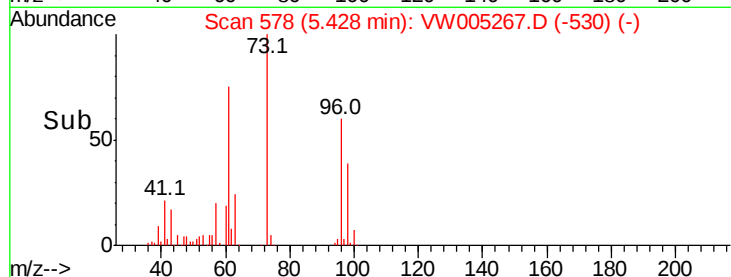
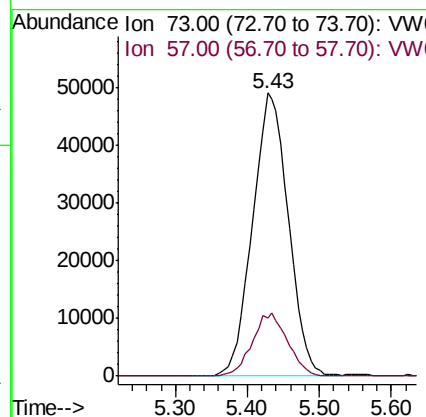
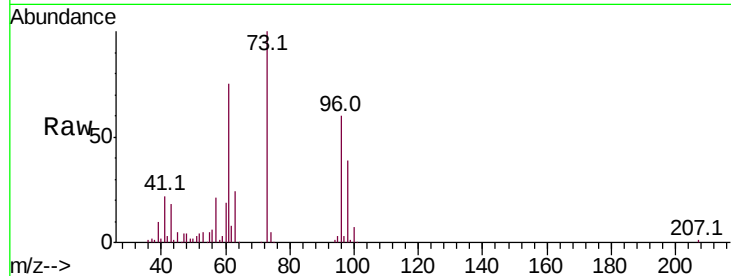




#19
Methvl tert-butvl Ether
Concen: 19.698 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

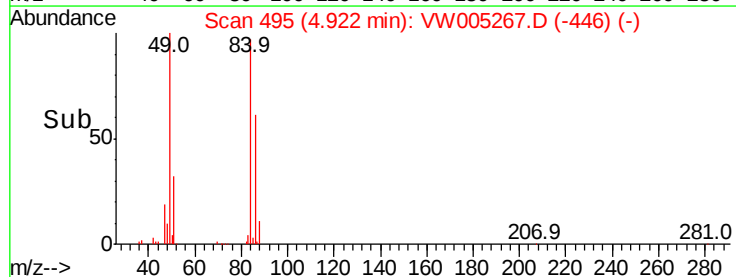
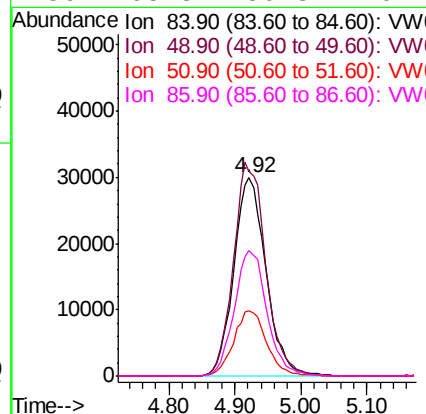
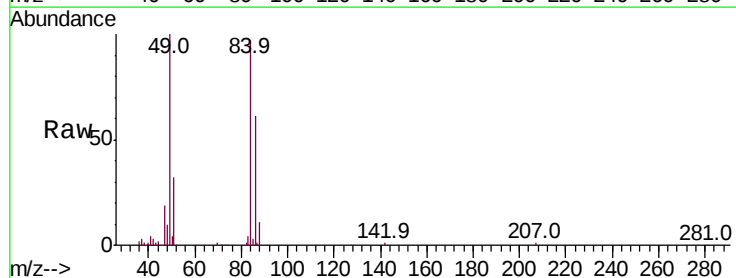
Instrument :
MSVOA_W
ClientSampled :

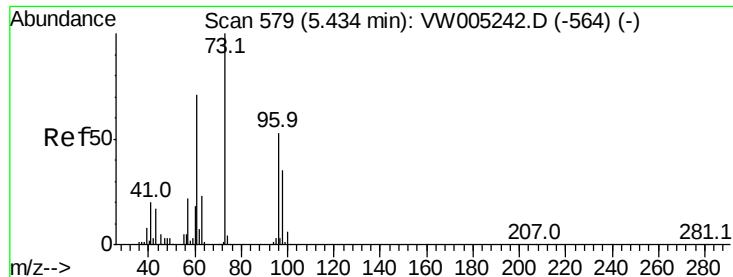
Tot Ion: 73 Resp: 168806
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2



#20
Methylene Chloride
Concen: 19.455 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 84 Resp: 100882
Ion Ratio Lower Upper
84 100
49 103.6 90.3 135.5
51 32.8 26.9 40.3
86 63.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.960 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

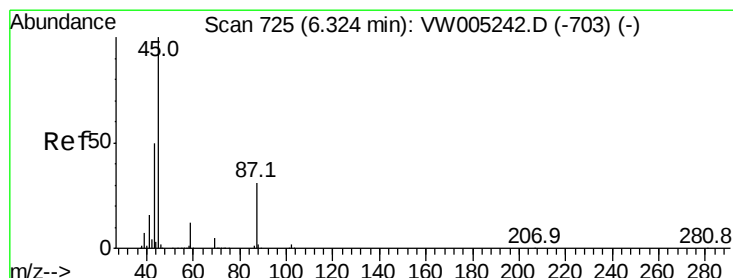
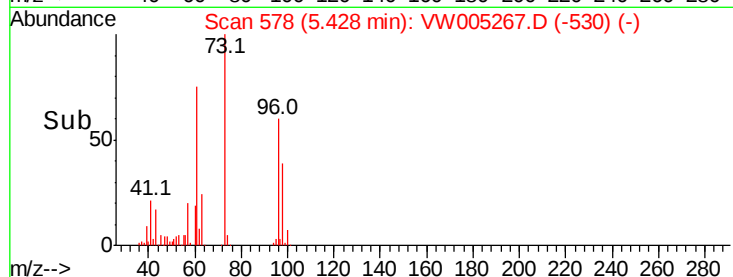
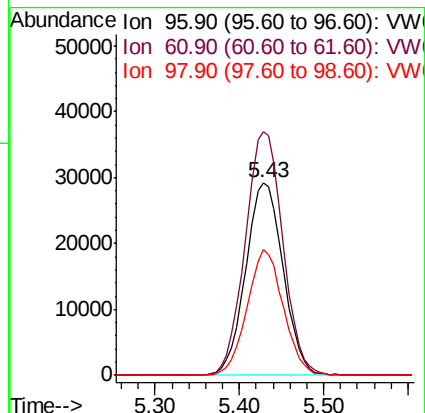
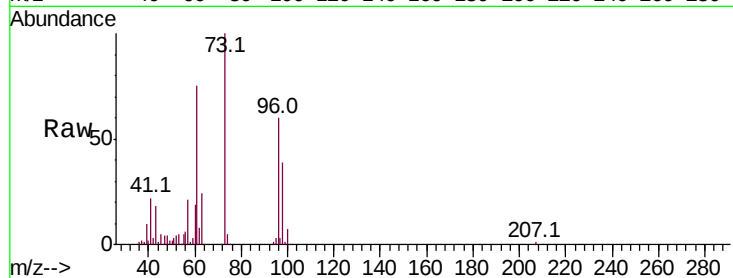
Tot Ion: 96 Resp: 88051

Ion Ratio Lower Upper

96 100

61 126.3 105.7 158.5

98 65.4 52.8 79.2



#22

Diisopropyl ether

Concen: 19.921 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion: 45 Resp: 221724

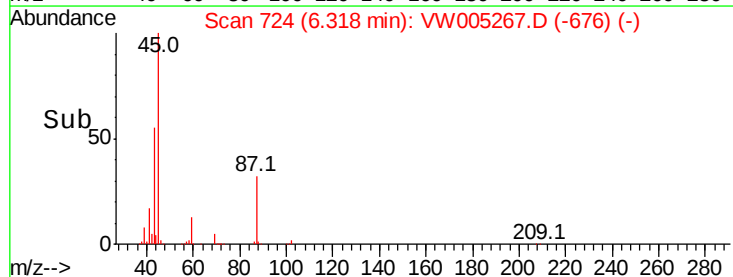
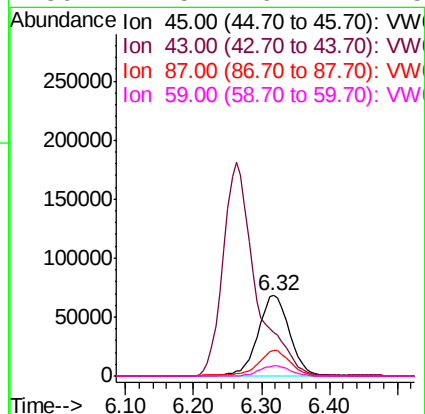
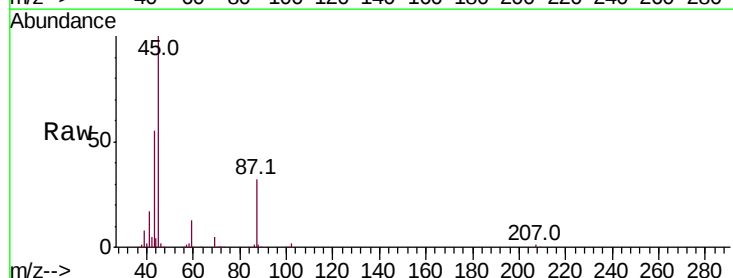
Ion Ratio Lower Upper

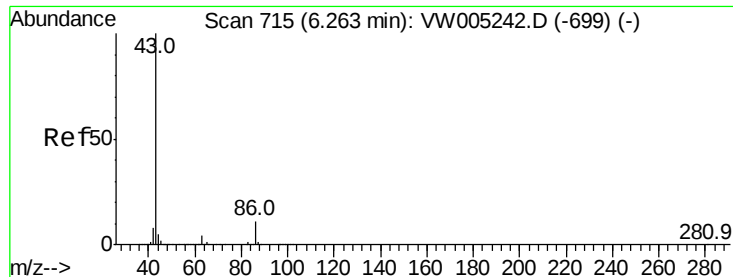
45 100

43 54.5 39.6 59.4

87 32.0 24.7 37.1

59 12.5 9.7 14.5

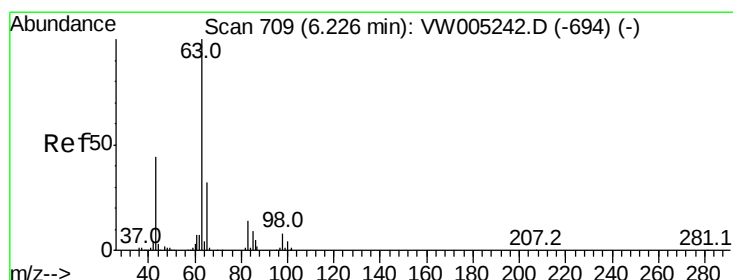
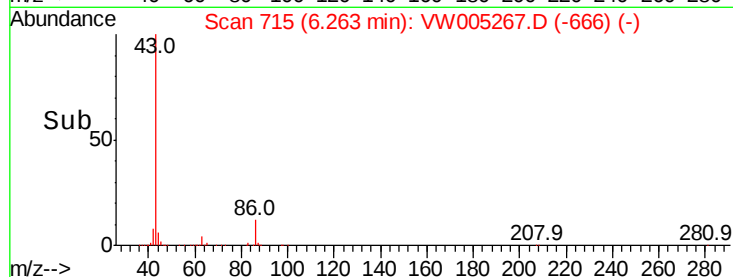
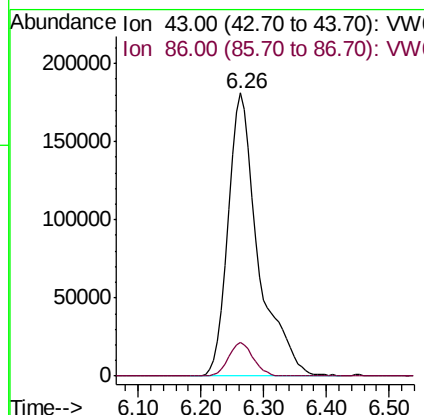
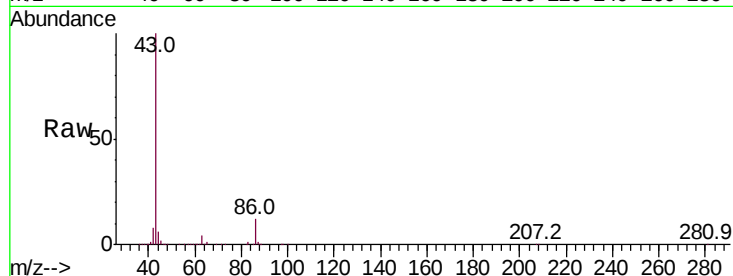




#23
 Vinyl Acetate
 Concen: 97.144 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

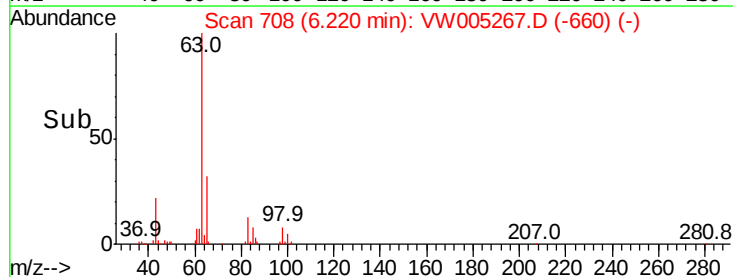
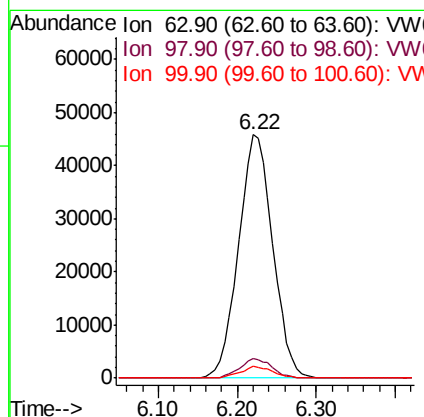
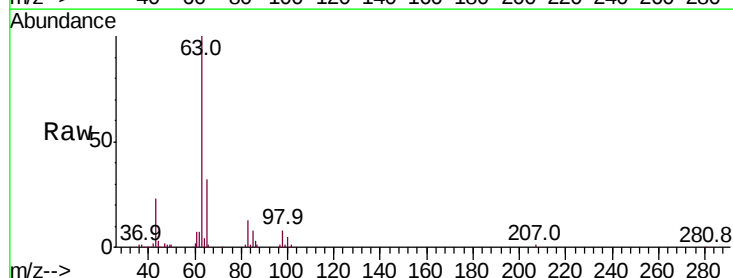
Instrument :
 MSVOA_W
 ClientSampled :

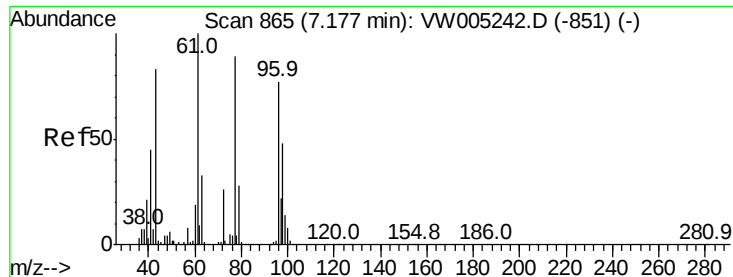
Tot Ion: 43 Resp: 602550
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 20.167 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 63 Resp: 138169
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.4
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 96.135 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

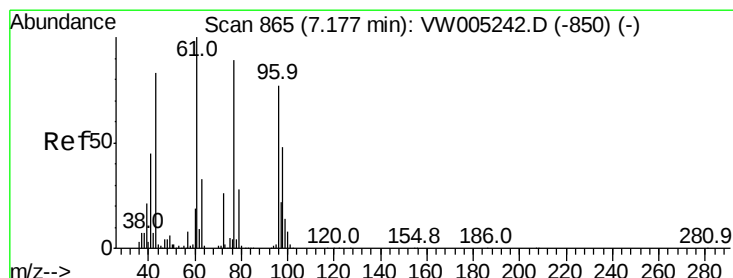
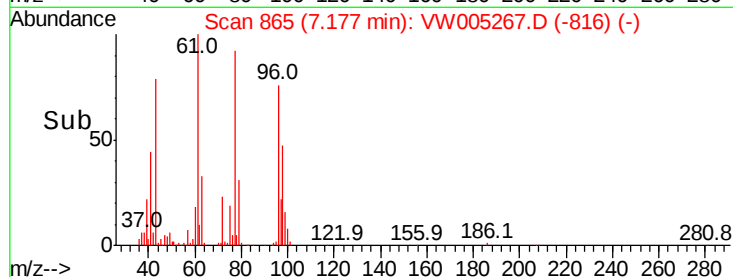
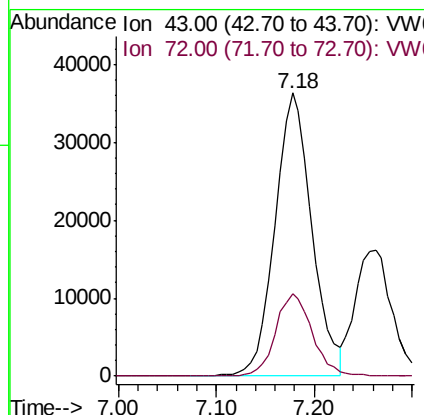
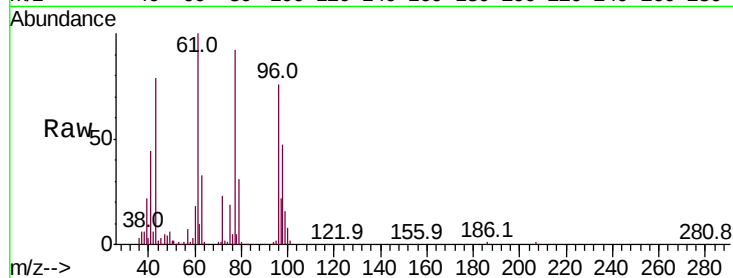
ClientSampleId :

Tot Ion: 43 Resp: 95890

Ion Ratio Lower Upper

43 100

72 29.0 25.0 37.6



#26

2,2-Dichloropropane

Concen: 21.731 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005267.D

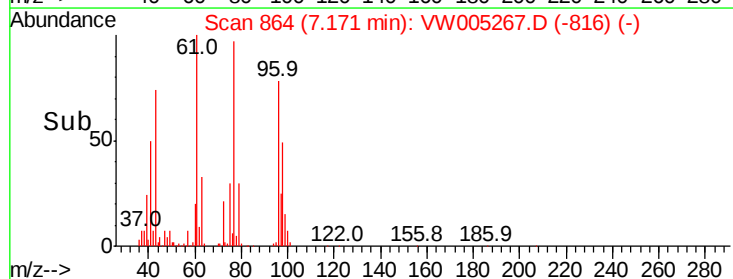
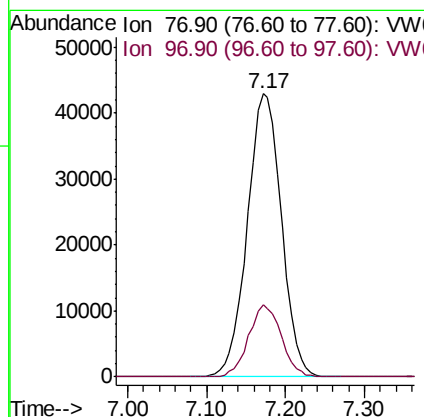
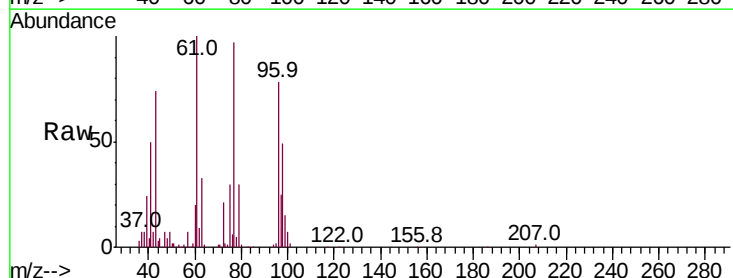
Acq: 11 Sep 2018 11:38

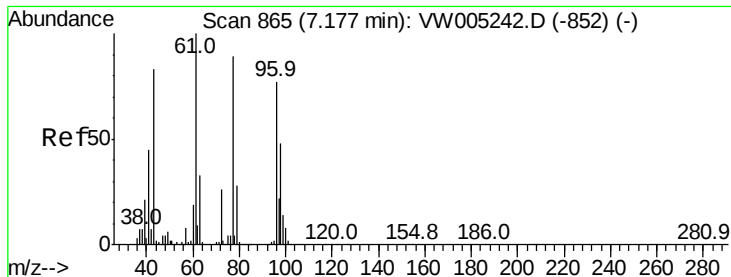
Tgt Ion: 77 Resp: 129084

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



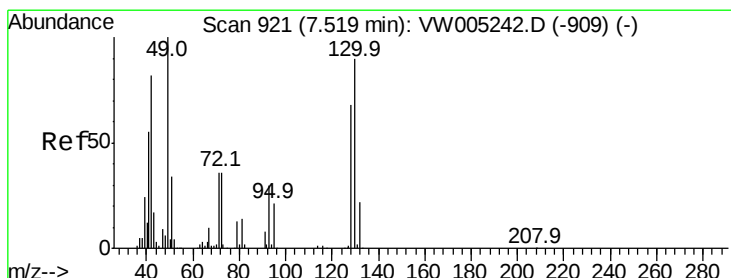
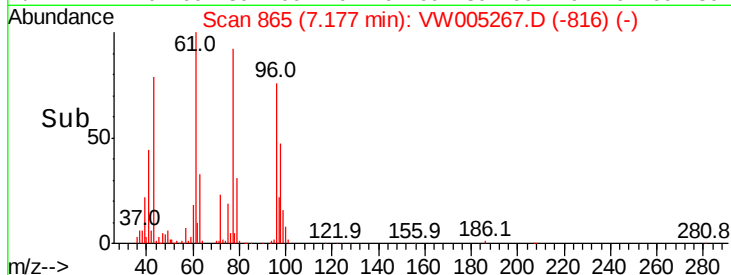
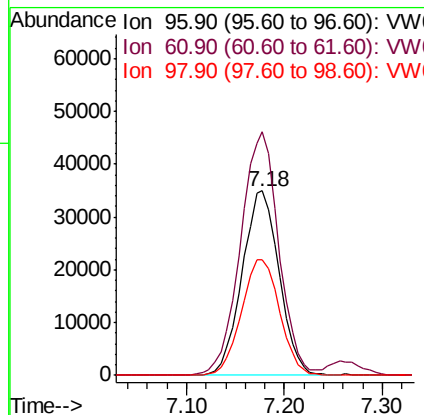
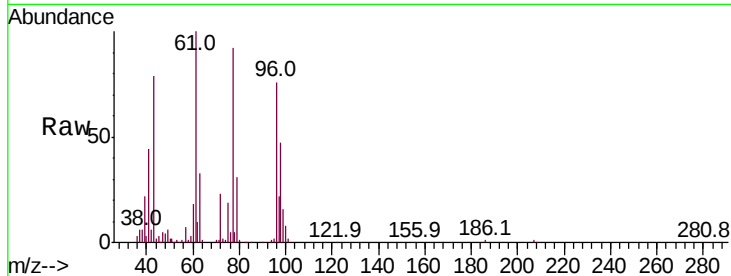


#27

cis-1,2-Dichloroethene
 Concen: 20.436 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :

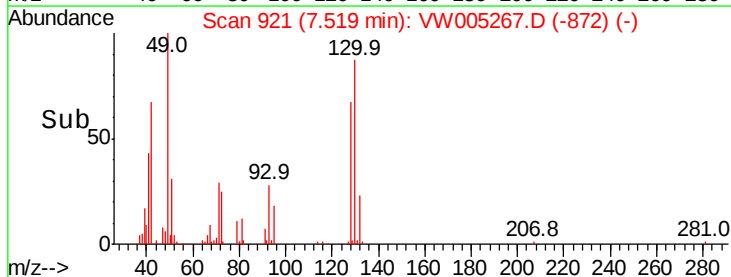
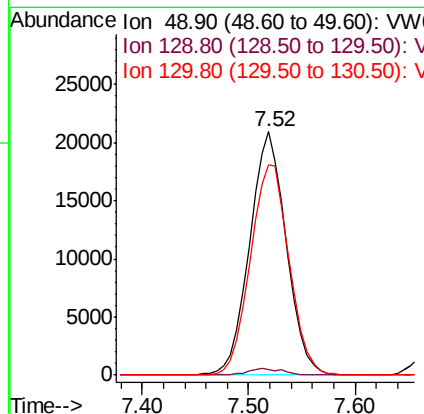
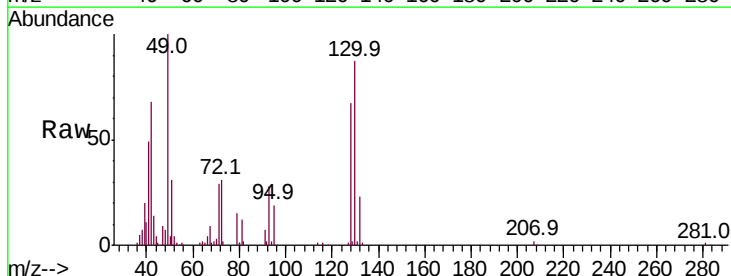
Tot Ion	96	Resp	91880
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	273.4
98	64.5	0.0	127.8

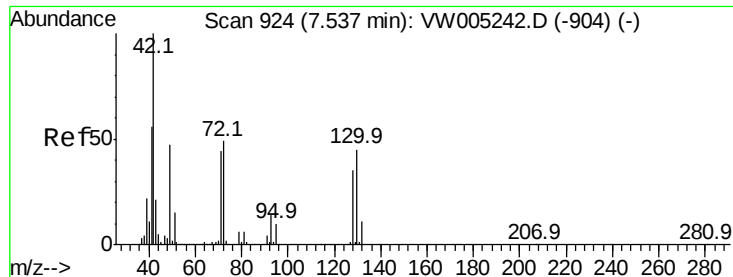


#28

Bromochloromethane
 Concen: 19.930 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	49	Resp	50372
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.0#
130	91.5	71.2	106.8

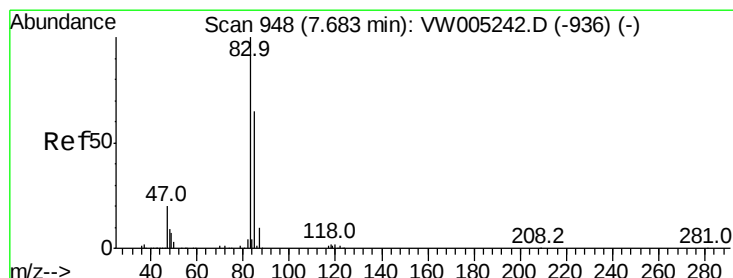
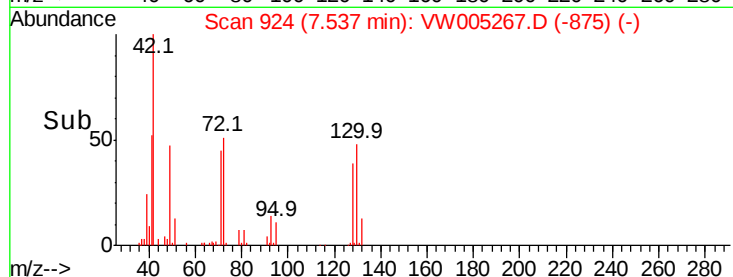
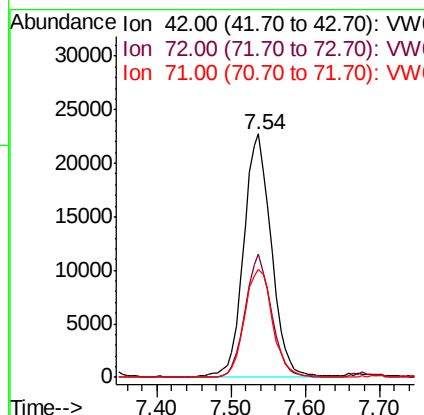
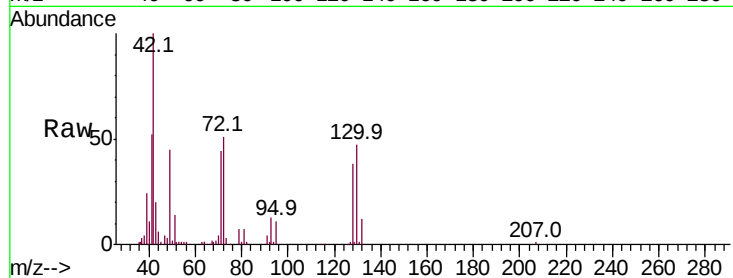




#29
Tetrahydrofuran
Concen: 88.996 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

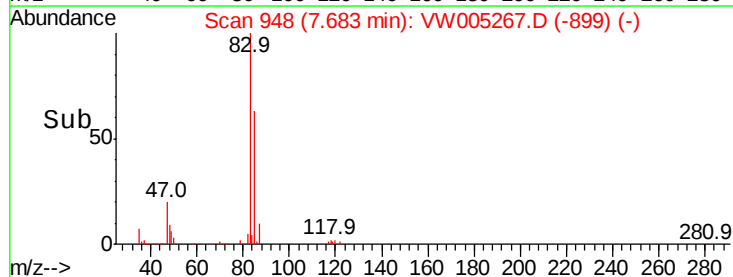
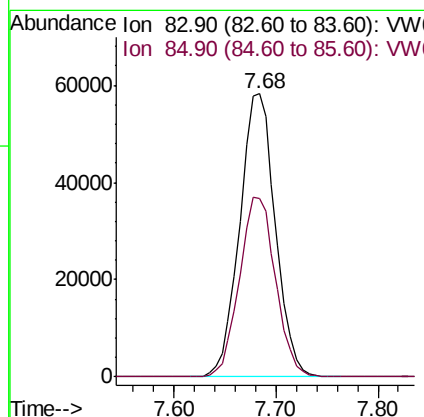
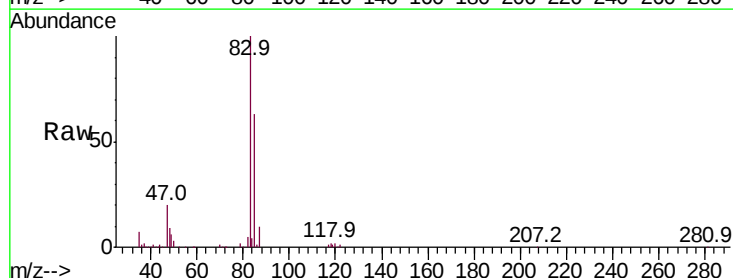
Instrument :
MSVOA_W
ClientSampled :

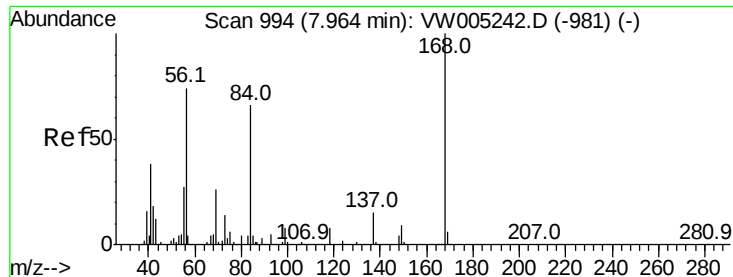
Tot Ion: 42 Resp: 59822
Ion Ratio Lower Upper
42 100
72 47.4 37.5 56.3
71 44.7 34.8 52.2



#30
Chloroform
Concen: 20.551 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 83 Resp: 141297
Ion Ratio Lower Upper
83 100
85 63.0 51.7 77.5

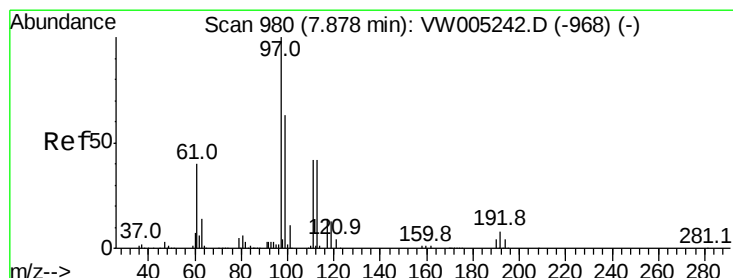
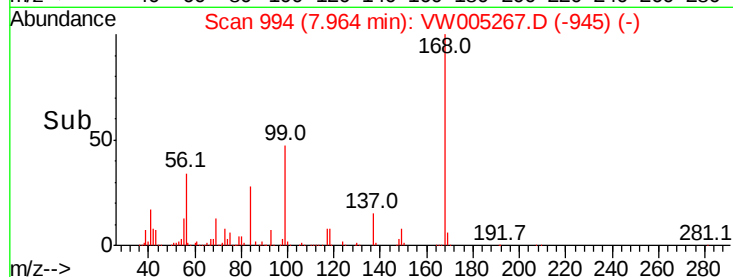
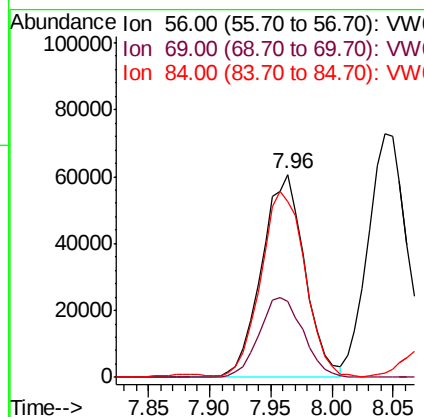
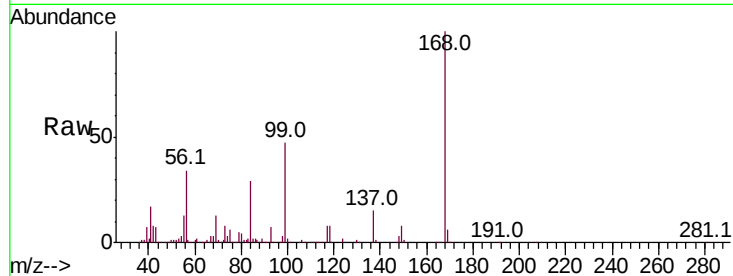




#31
Cyclohexane
Concen: 20.443 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

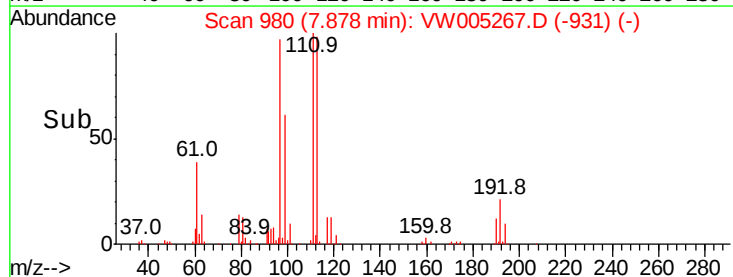
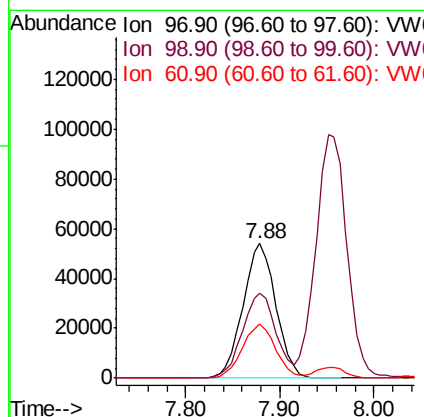
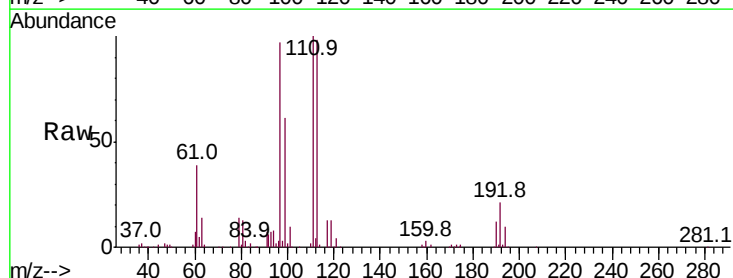
Instrument :
MSVOA_W
ClientSampled :

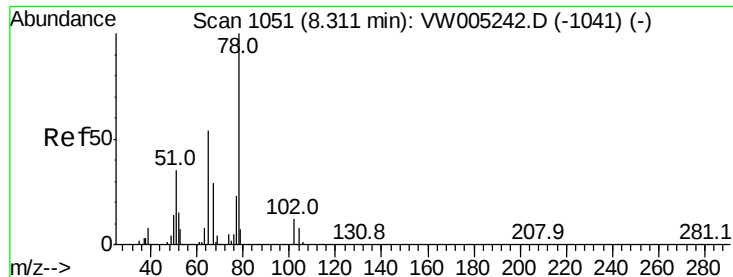
Tot Ion: 56 Resp: 149033
Ion Ratio Lower Upper
56 100
69 37.6 27.8 41.8
84 85.7 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 21.238 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 97 Resp: 131918
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 40.6 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.624 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

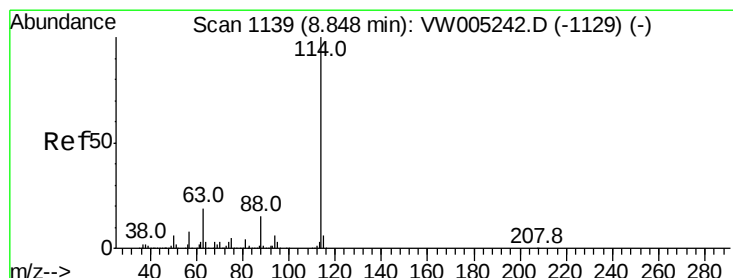
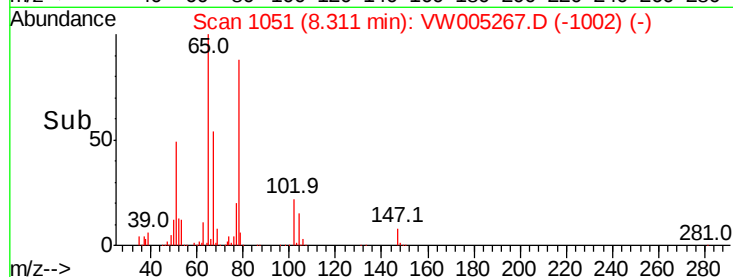
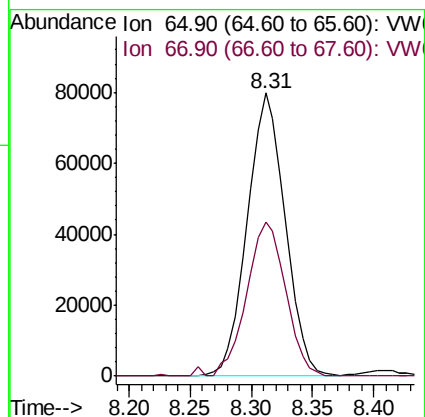
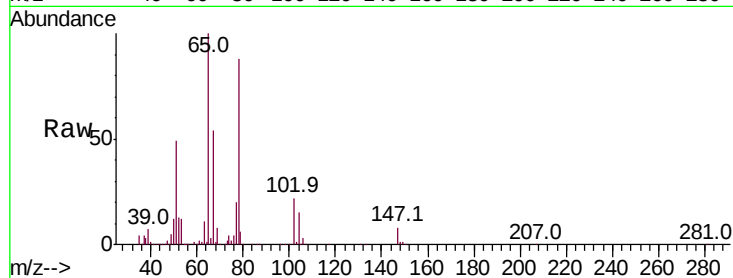
ClientSampleId :

Tot Ion: 65 Resp: 172466

Ion Ratio Lower Upper

65 100

67 56.2 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: VW005267.D

Acq: 11 Sep 2018 11:38

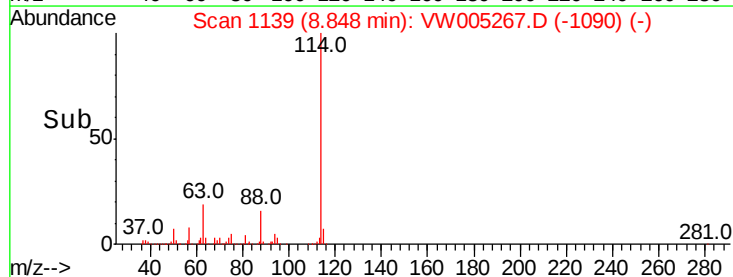
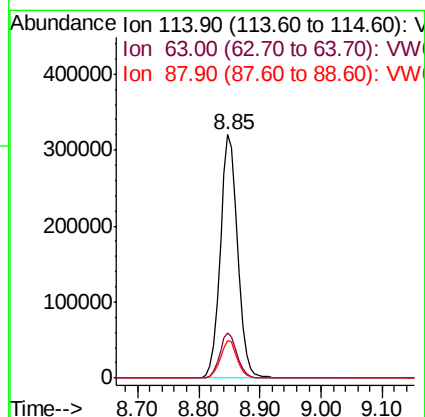
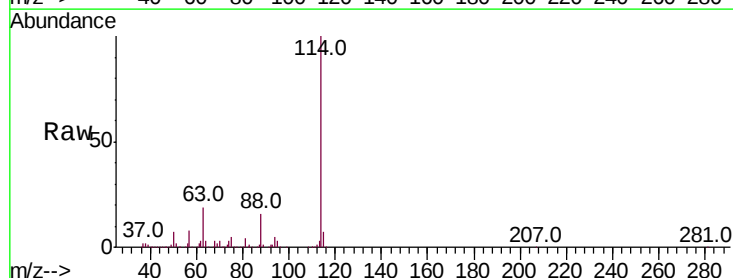
Tgt Ion: 114 Resp: 636010

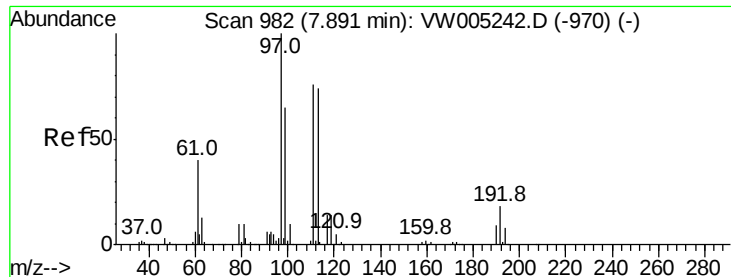
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

88 15.6 0.0 30.4

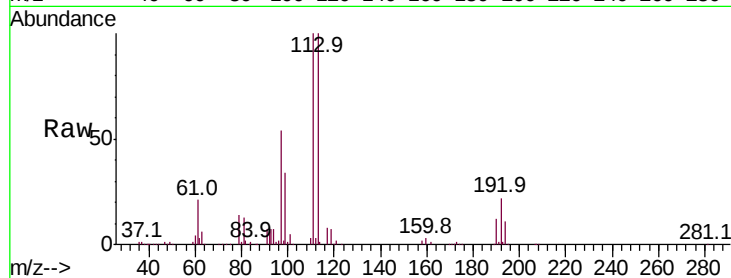




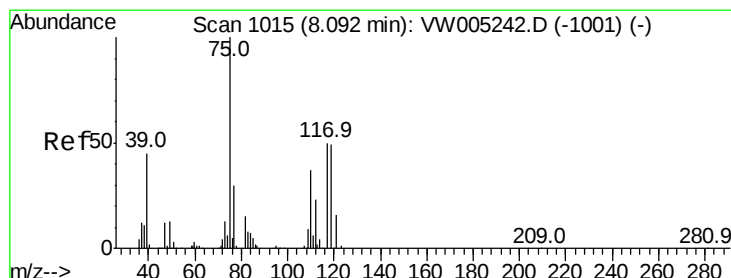
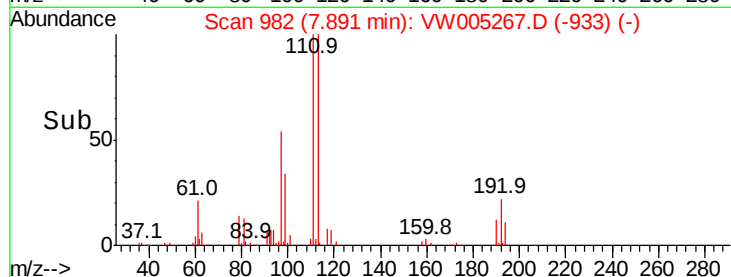
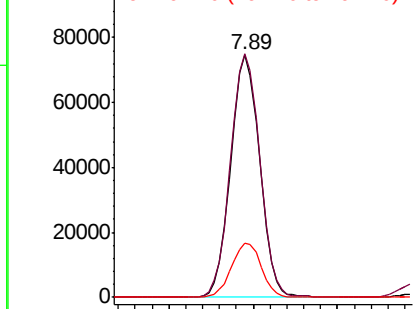
#35
 Dibromofluoromethane
 Concen: 52.375 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 174494
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.6 121.0
 192 22.8 18.3 27.5

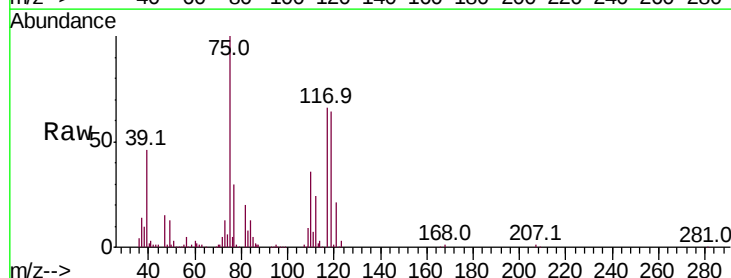


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

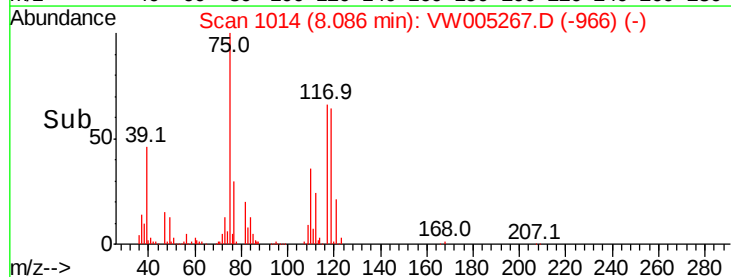
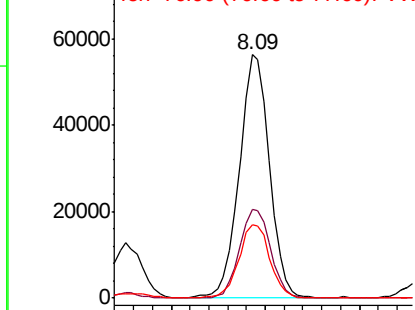


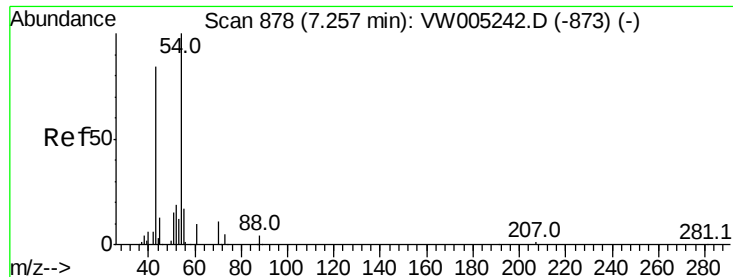
#36
 1,1-Dichloropropene
 Concen: 21.504 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 75 Resp: 125302
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.8 56.4
 77 31.4 24.9 37.3



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

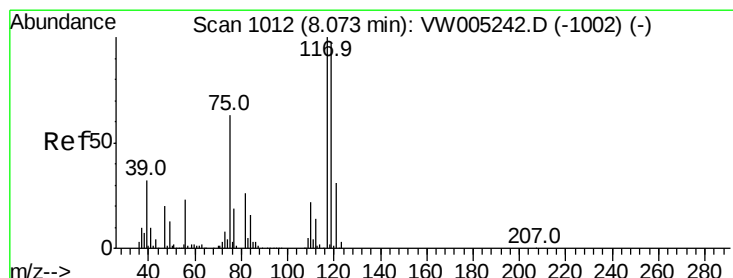
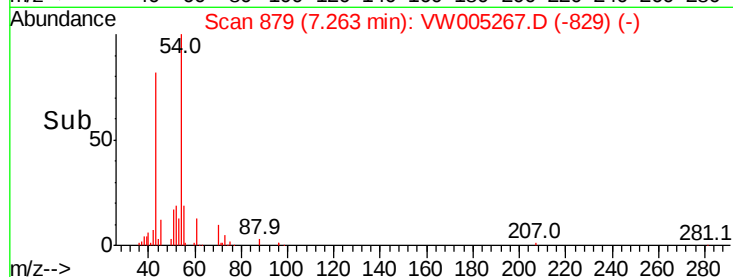
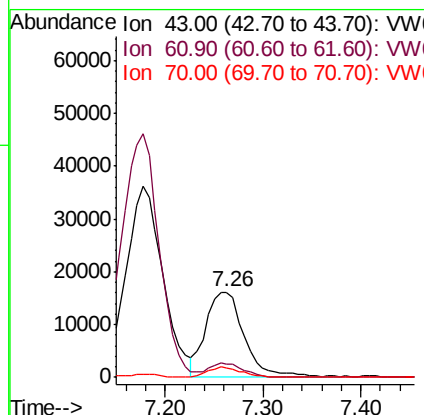
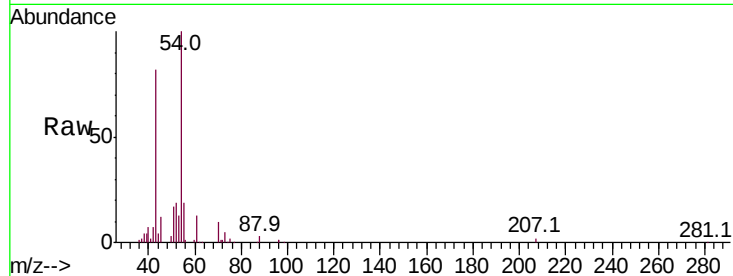




#37
Ethyl Acetate
Concen: 19.401 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

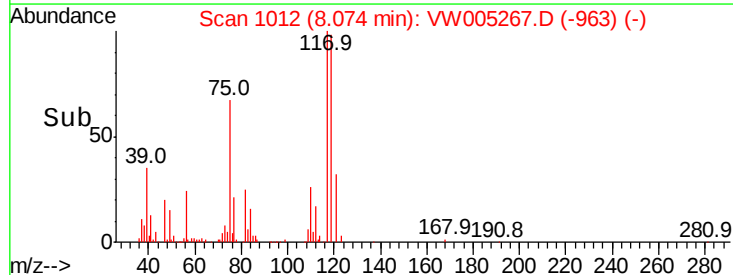
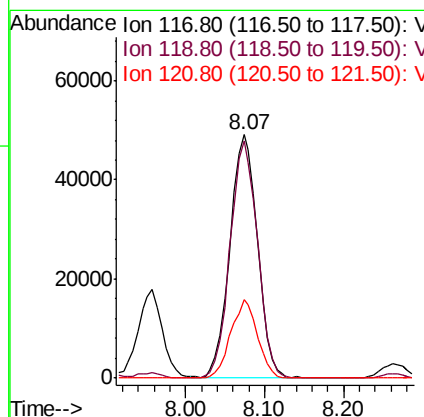
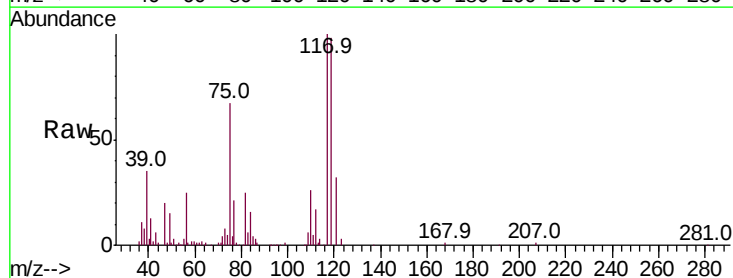
Instrument :
MSVOA_W
ClientSampleId :

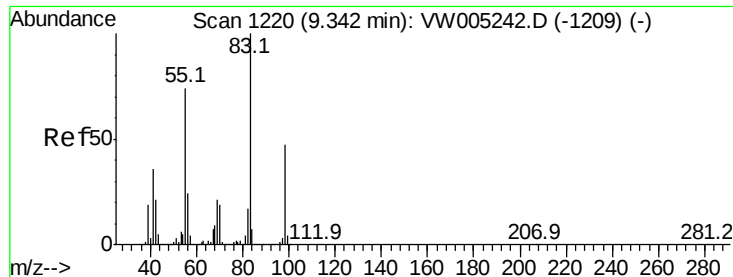
Tot Ion: 43 Resp: 42999
Ion Ratio Lower Upper
43 100
61 15.7 12.3 18.5
70 11.2 9.5 14.3



#38
Carbon Tetrachloride
Concen: 21.925 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 117 Resp: 119676
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3
121 32.3 24.7 37.1

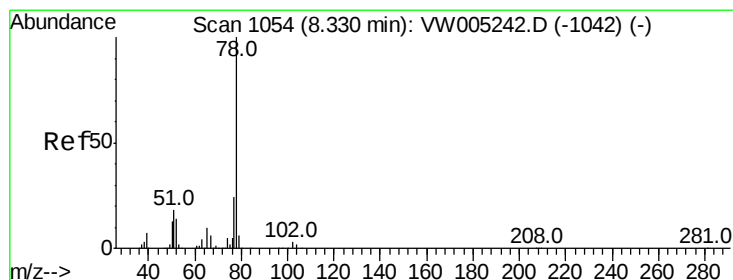
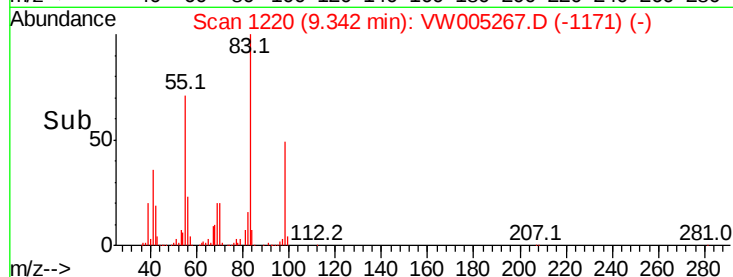
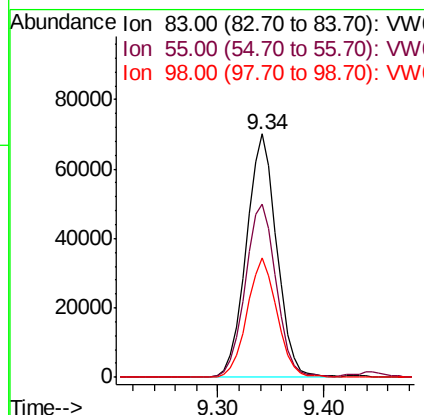
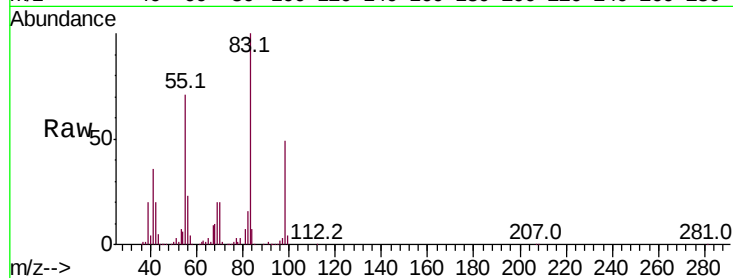




#39
Methvlcvclohexane
Concen: 18.192 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

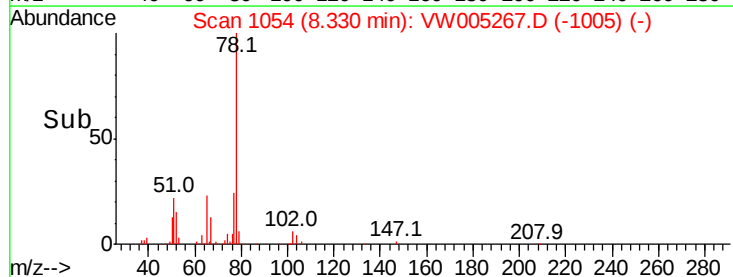
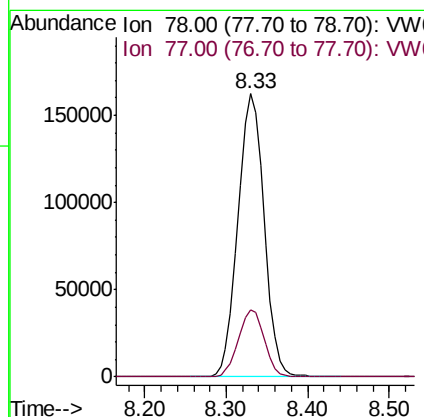
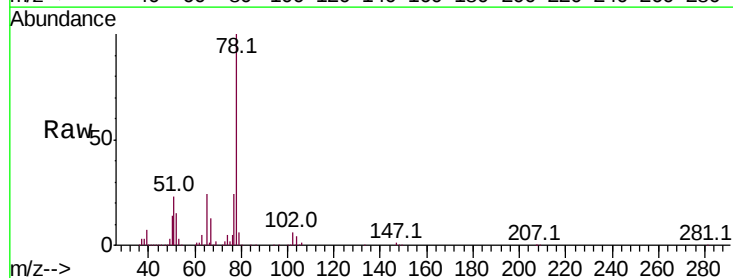
Instrument :
MSVOA_W
ClientSampleId :

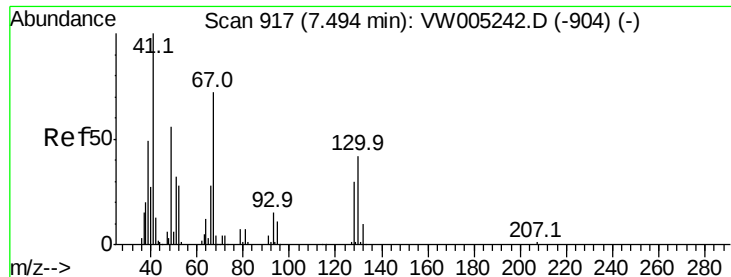
Tot Ion	83	Resp	140745
Ion Ratio	Lower	Upper	
83	100		
55	70.9	58.9	88.3
98	49.3	37.6	56.4



#40
Benzene
Concen: 20.920 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	78	Resp	359125
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.9	28.3

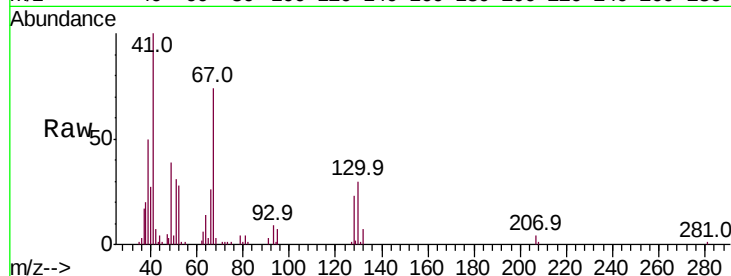




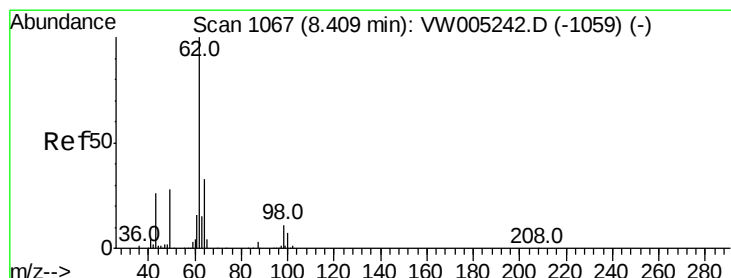
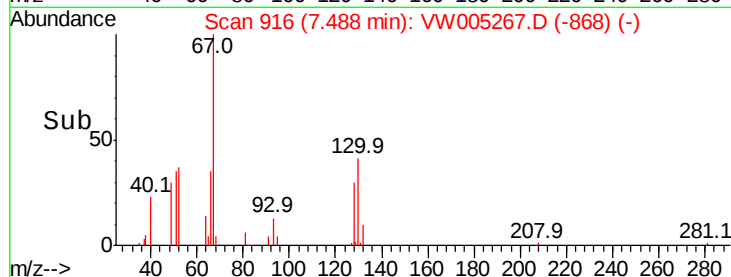
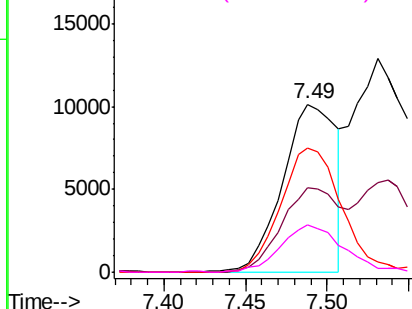
#41
Methacrylonitrile
Concen: 20.452 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	23256
Ion	Ratio	Lower	Upper
41	100		
39	56.5	39.9	59.9
67	84.7	65.7	98.5
52	33.4	25.1	37.7

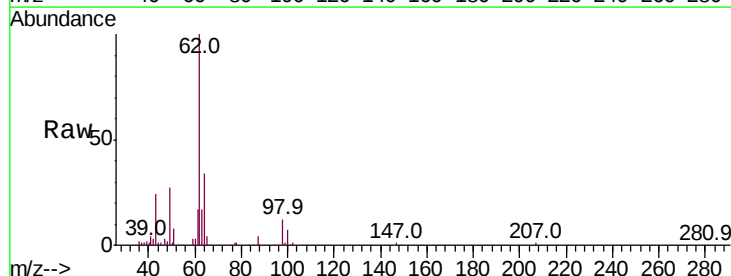


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

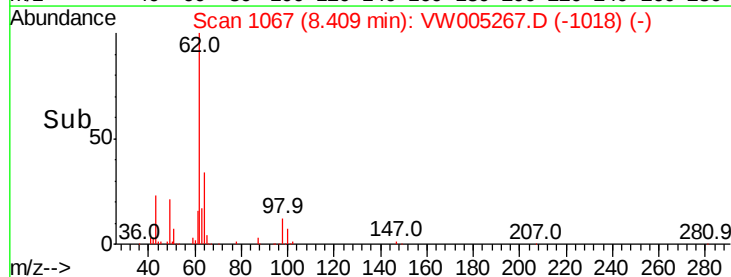
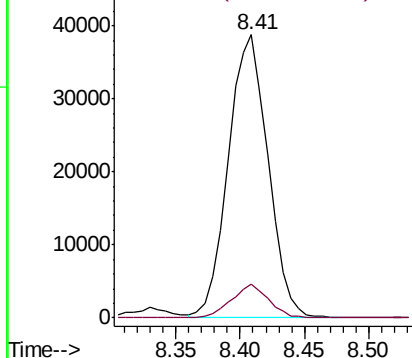


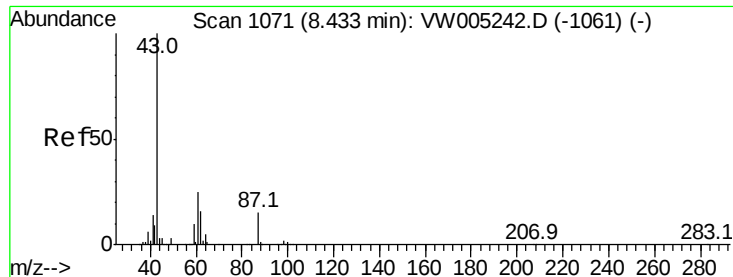
#42
1,2-Dichloroethane
Concen: 20.164 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion:	62	Resp:	82811
Ion	Ratio	Lower	Upper
62	100		
98	11.2	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: 18.526 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

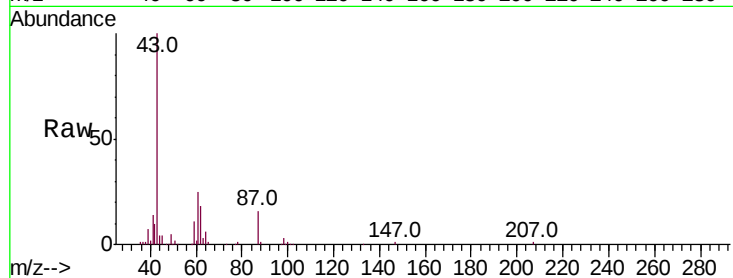
Tot Ion: 43 Resp: 76250

Ion Ratio Lower Upper

43 100

61 34.4 25.4 38.0

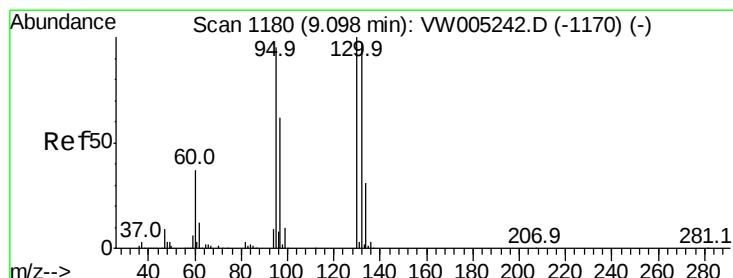
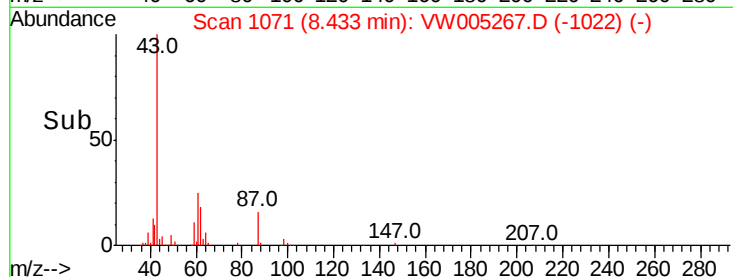
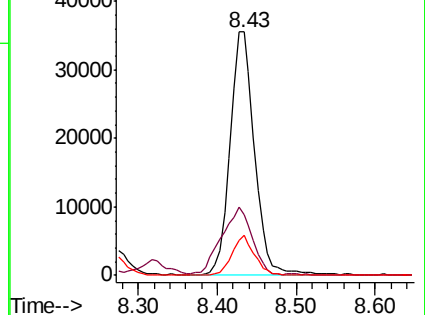
87 15.1 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.435 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005267.D

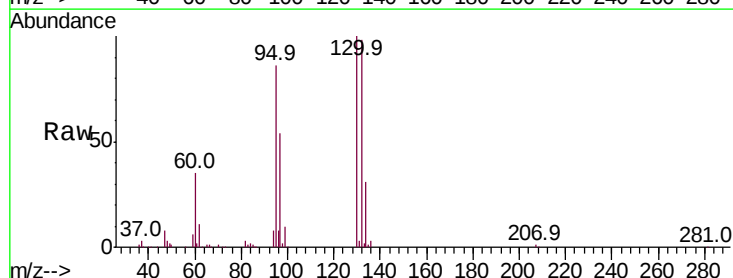
Acq: 11 Sep 2018 11:38

Tgt Ion:130 Resp: 100950

Ion Ratio Lower Upper

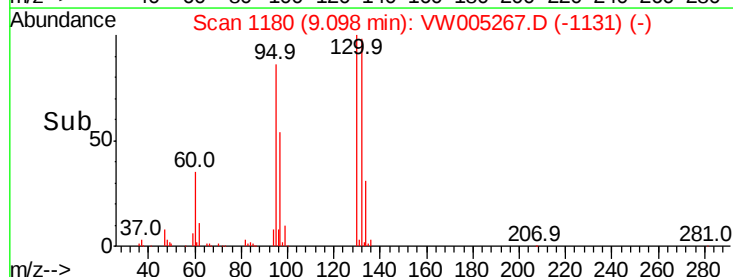
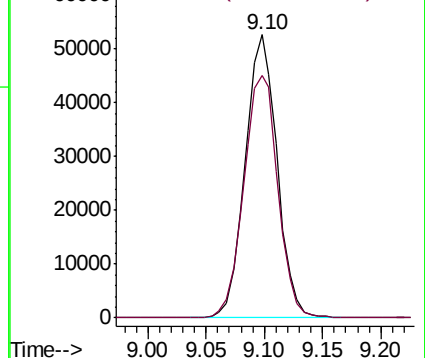
130 100

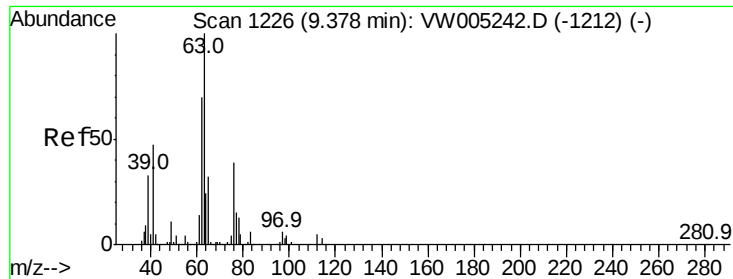
95 85.8 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

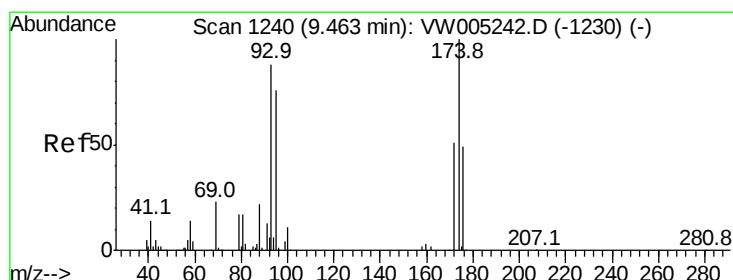
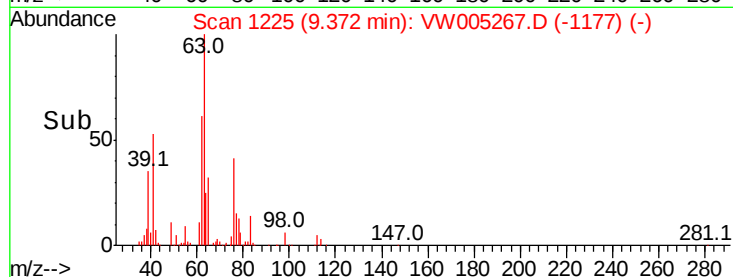
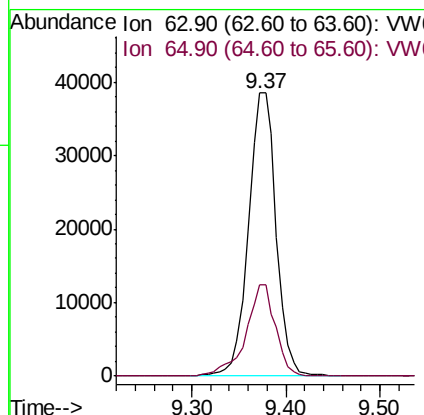
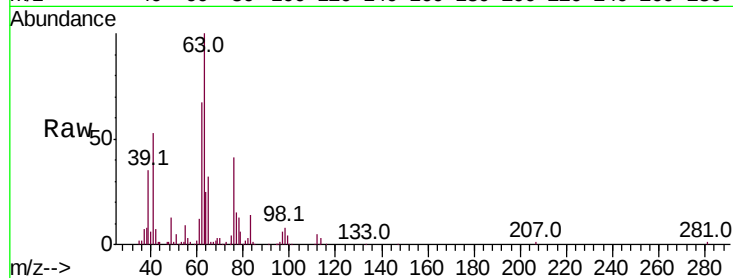




#45
 1,2-Dichloropropane
 Concen: 19.182 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

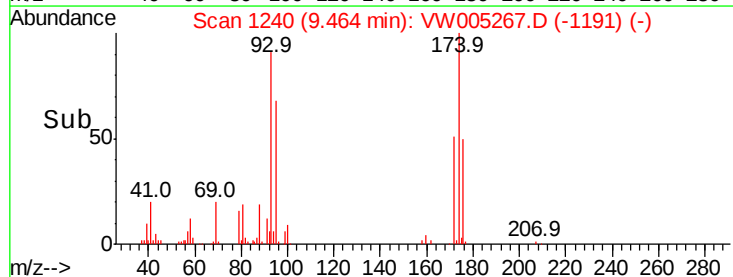
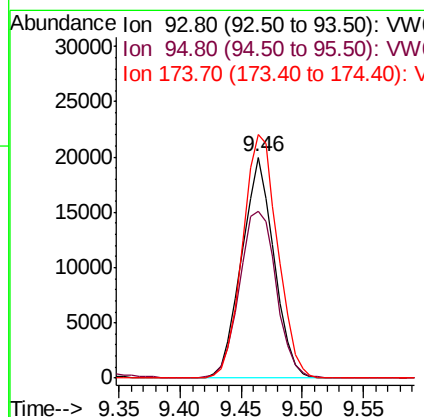
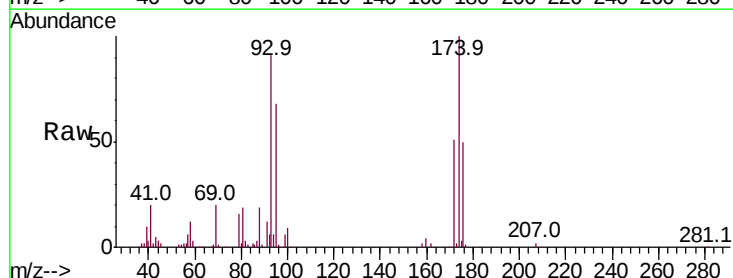
Instrument :
 MSVOA_W
 ClientSampleId :

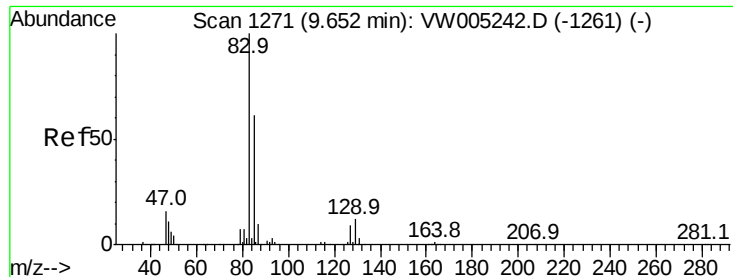
Tot Ion: 63 Resp: 79151
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.4 38.2



#46
 Dibromomethane
 Concen: 18.156 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 93 Resp: 36671
 Ion Ratio Lower Upper
 93 100
 95 85.7 67.0 100.4
 174 119.4 92.2 138.2





#47

Bromodichloromethane

Concen: 19.686 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :

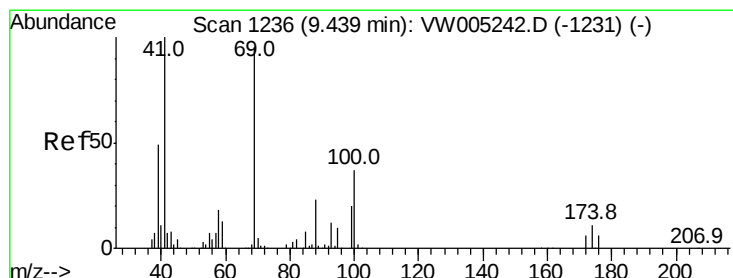
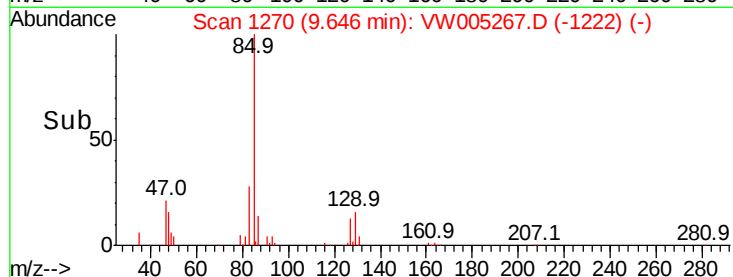
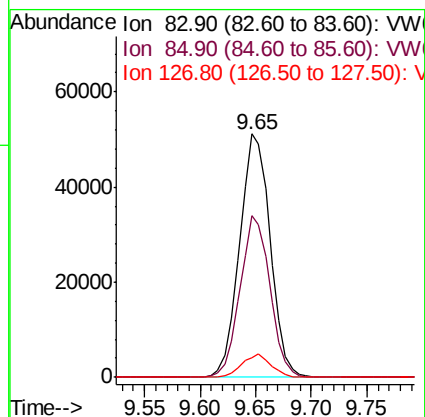
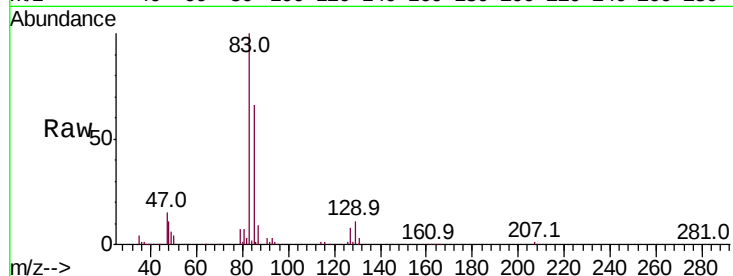
Tot Ion: 83 Resp: 97264

Ion Ratio Lower Upper

83 100

85 66.4 49.0 73.6

127 8.3 7.0 10.4



#48

Methyl methacrylate

Concen: 14.865 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

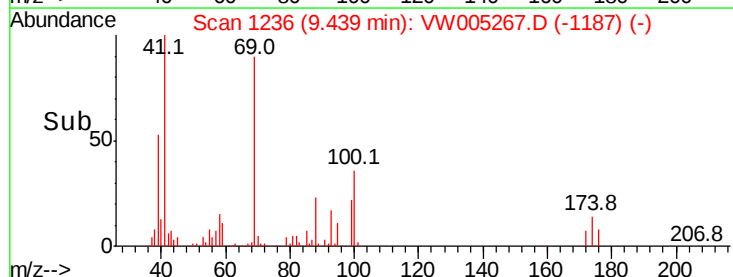
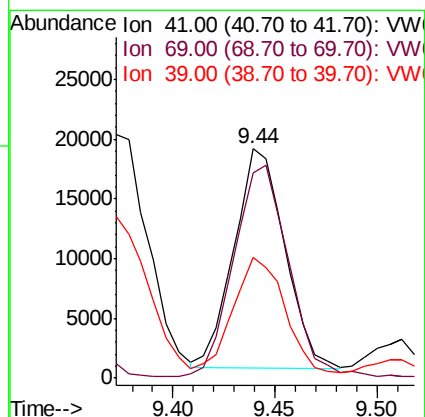
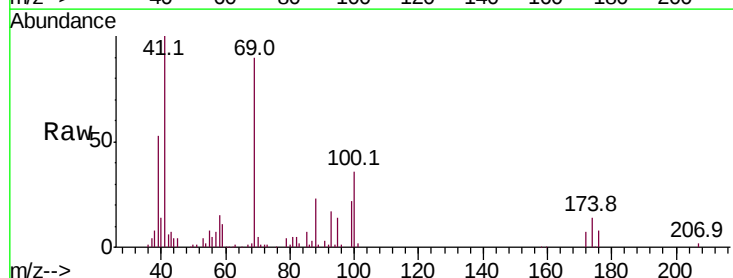
Tgt Ion: 41 Resp: 31766

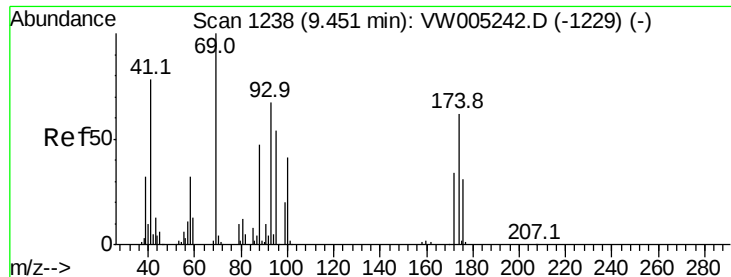
Ion Ratio Lower Upper

41 100

69 107.5 74.6 112.0

39 52.7 36.7 55.1

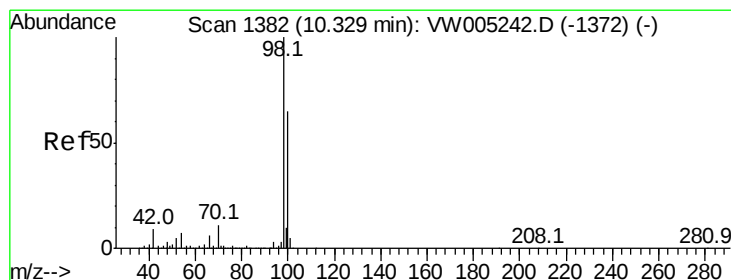
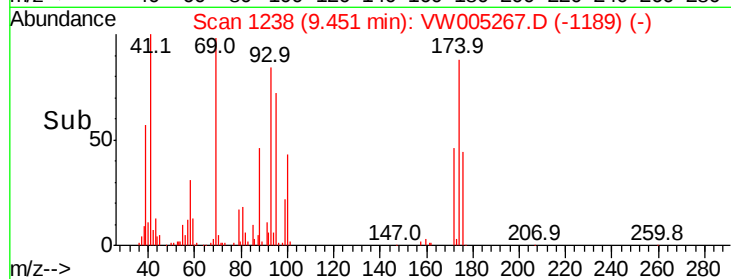
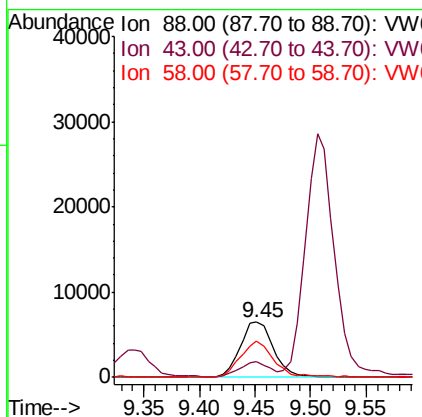
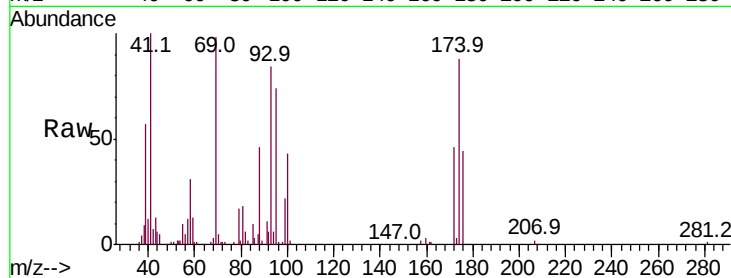




#49
1,4-Dioxane
Concen: 359.220 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

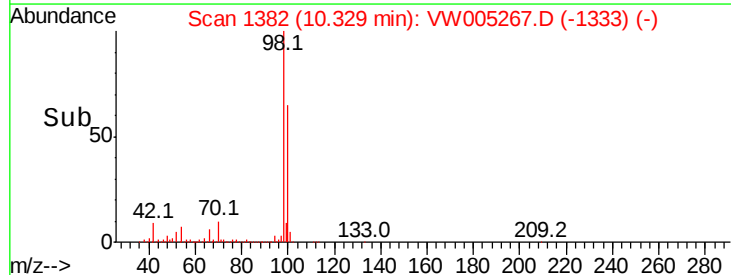
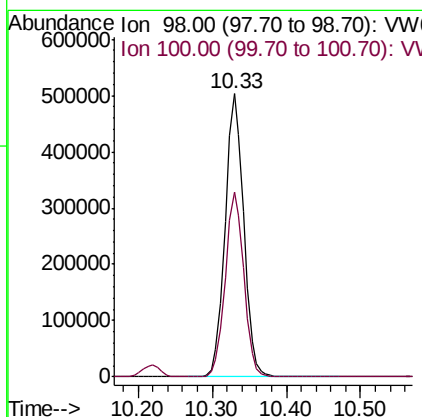
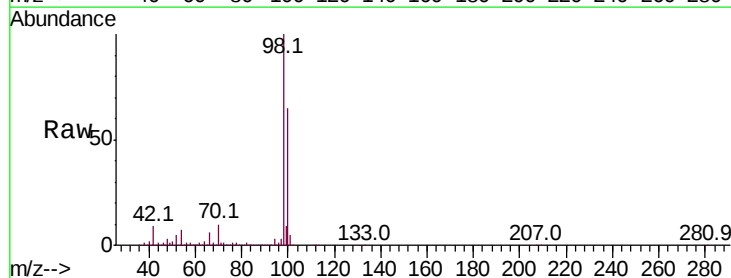
Instrument :
MSVOA_W
ClientSampleId :

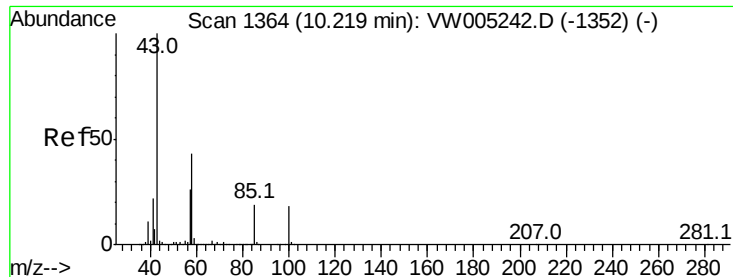
Tot Ion: 88 Resp: 13546
Ion Ratio Lower Upper
88 100
43 24.1 22.7 34.1
58 62.5 56.6 85.0



#50
Toluene-d8
Concen: 52.126 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 98 Resp: 877557
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 88.739 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

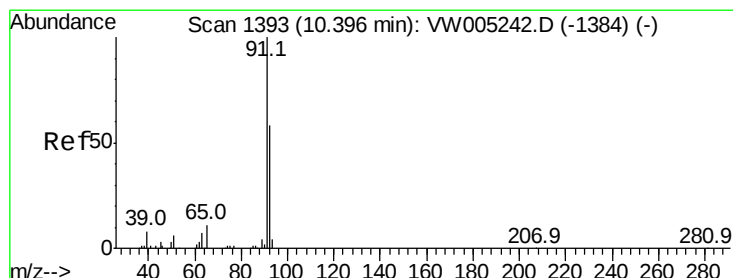
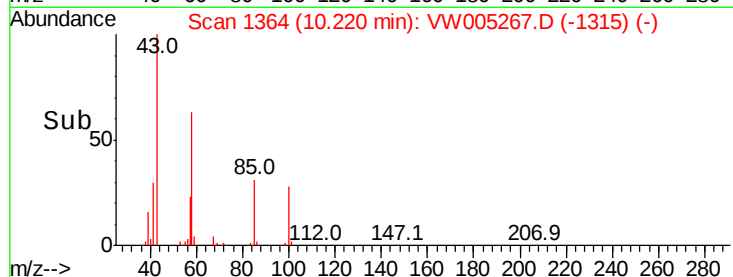
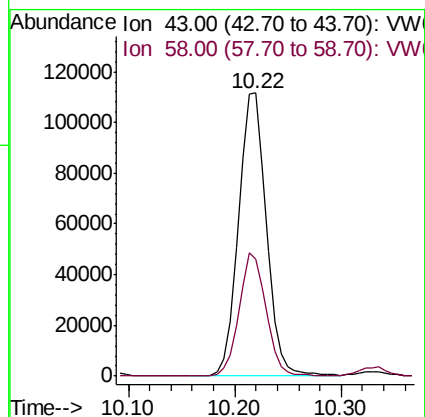
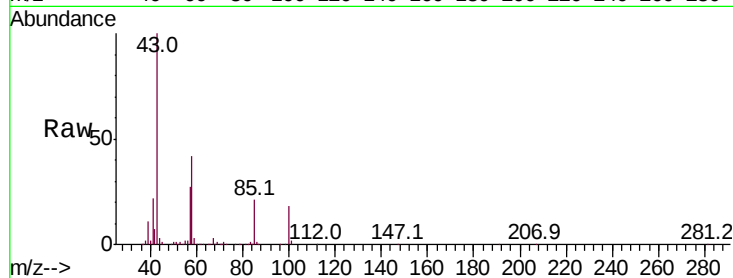
ClientSampleId :

Tot Ion: 43 Resp: 205530

Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.6



#52

Toluene

Concen: 20.504 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005267.D

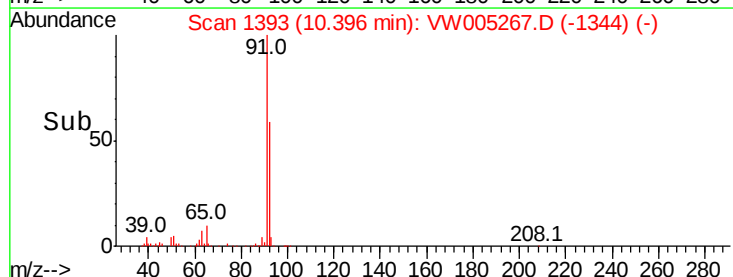
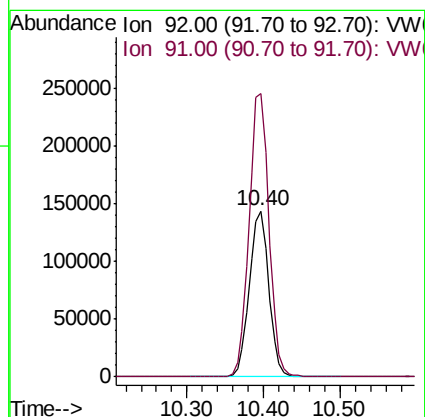
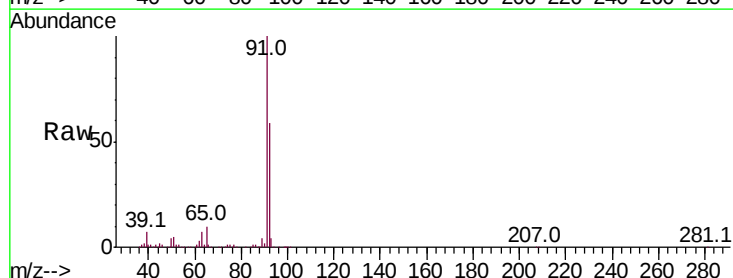
Acq: 11 Sep 2018 11:38

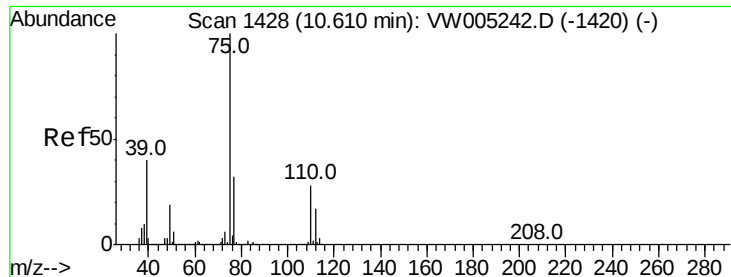
Tgt Ion: 92 Resp: 255816

Ion Ratio Lower Upper

92 100

91 173.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.170 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

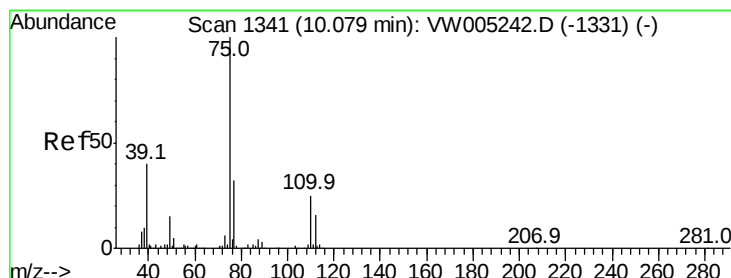
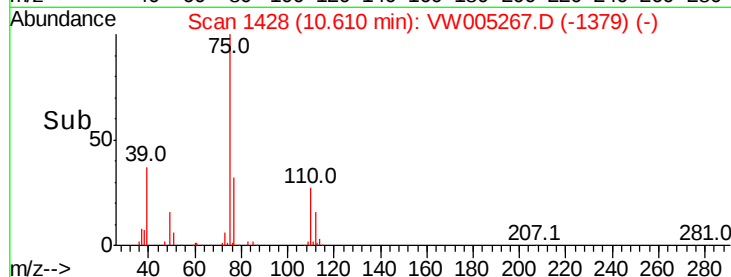
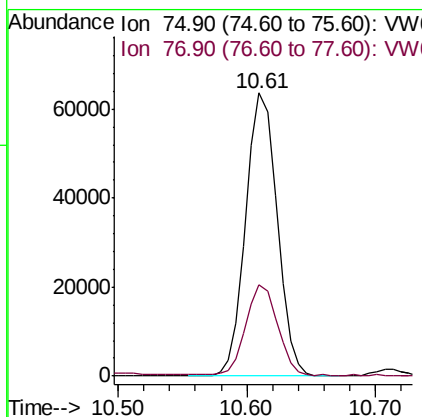
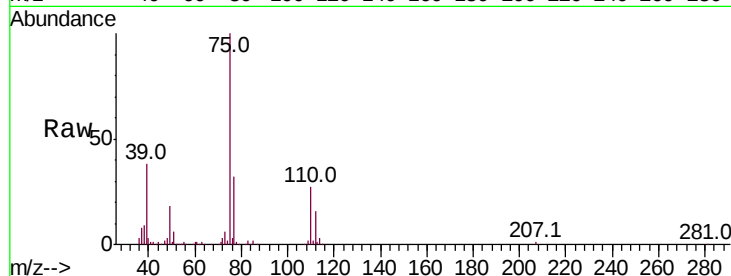
ClientSampleId :

Tot Ion: 75 Resp: 107702

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.388 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

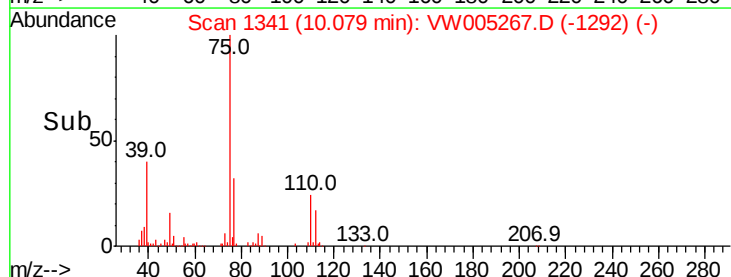
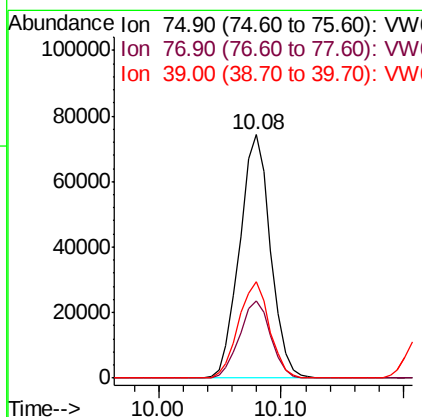
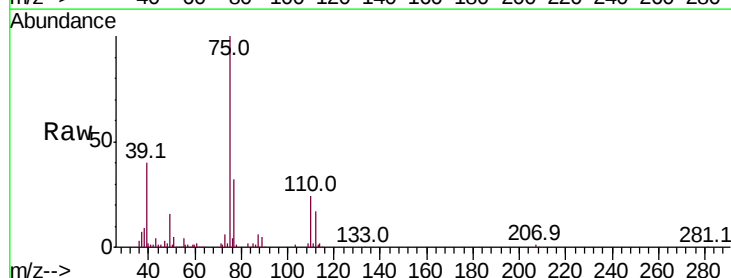
Tgt Ion: 75 Resp: 130366

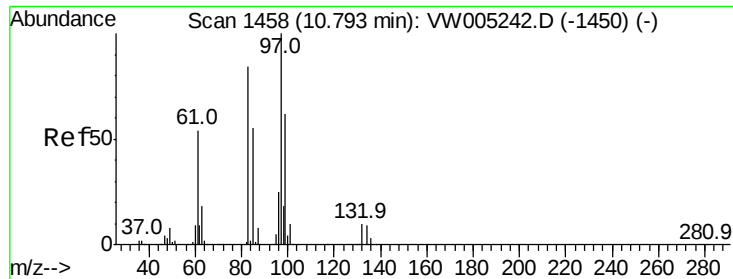
Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 39.7 31.8 47.6

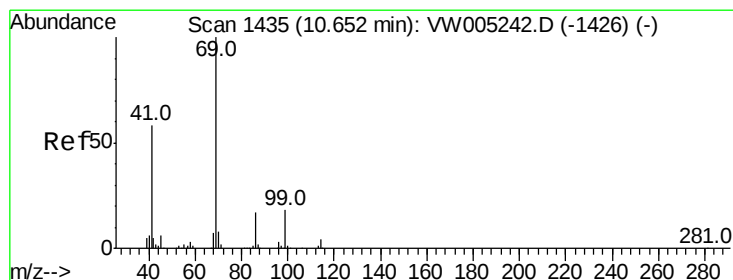
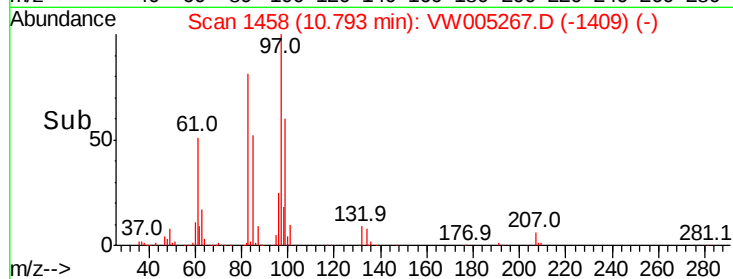
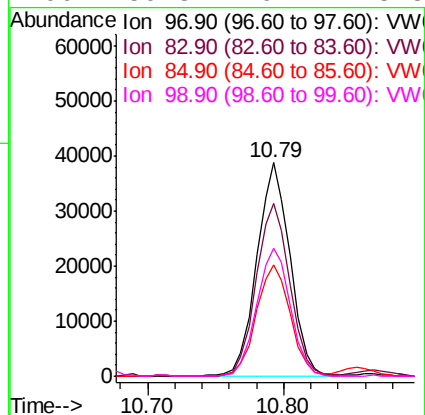
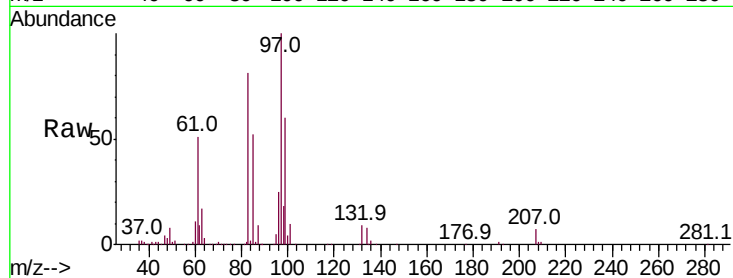




#55
 1,1,2-Trichloroethane
 Concen: 20.547 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

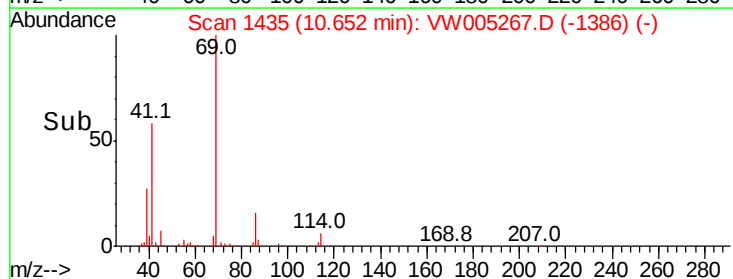
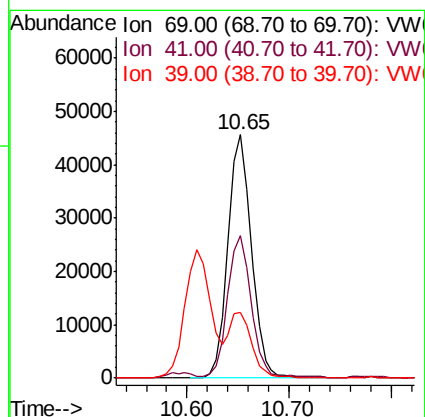
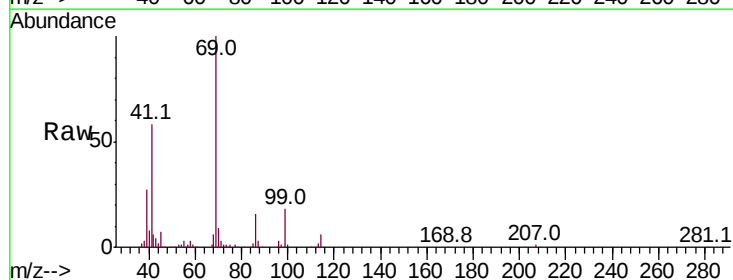
Instrument :
 MSVOA_W
 ClientSampleId :

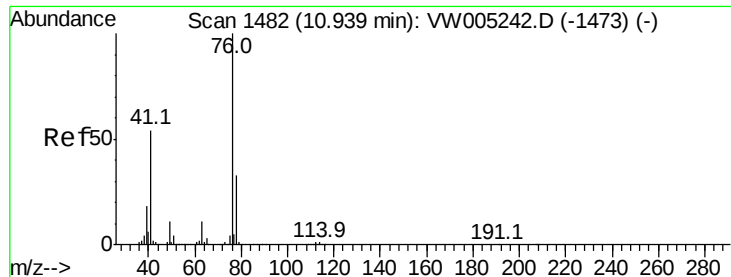
Tot Ion:	97	Resp:	66169
Ion	Ratio	Lower	Upper
97	100		
83	80.8	67.2	100.8
85	51.8	44.4	66.6
99	59.8	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 17.923 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion:	69	Resp:	73173
Ion	Ratio	Lower	Upper
69	100		
41	58.5	48.7	73.1
39	25.9	20.9	31.3





#57

1,3-Dichloropropane

Concen: 19.950 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

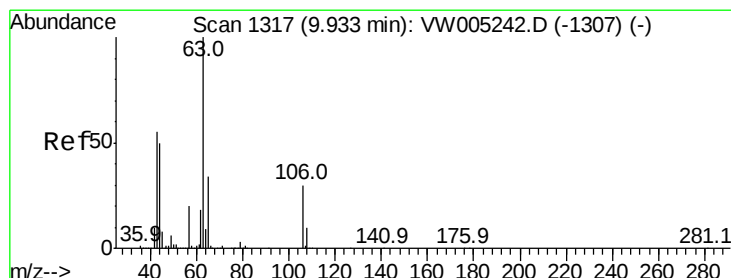
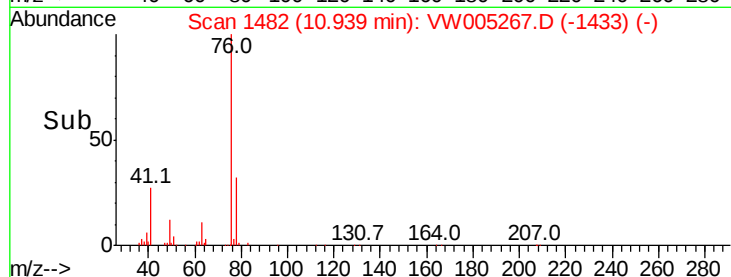
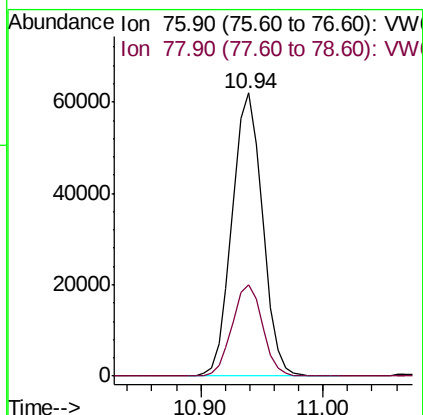
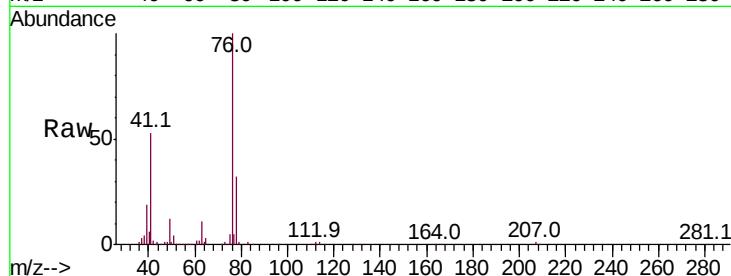
ClientSampleId :

Tot Ion: 76 Resp: 106685

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.717 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005267.D

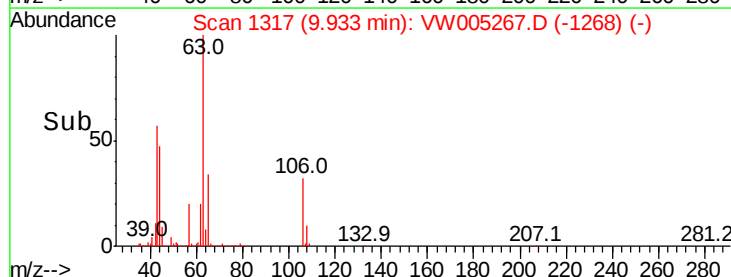
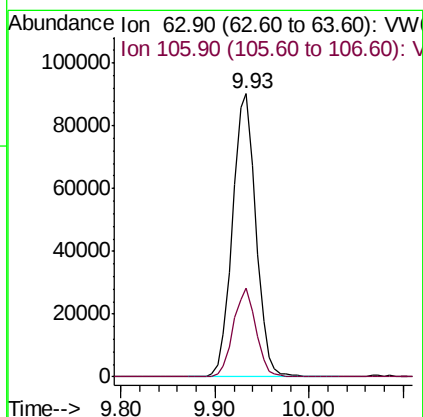
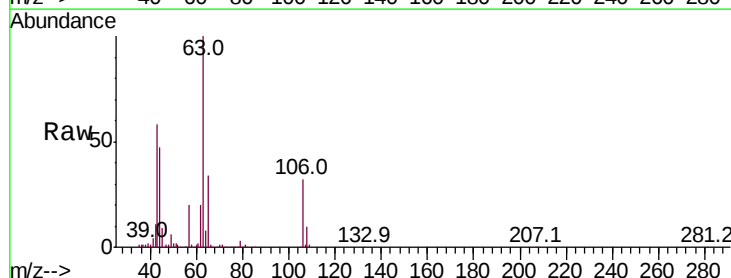
Acq: 11 Sep 2018 11:38

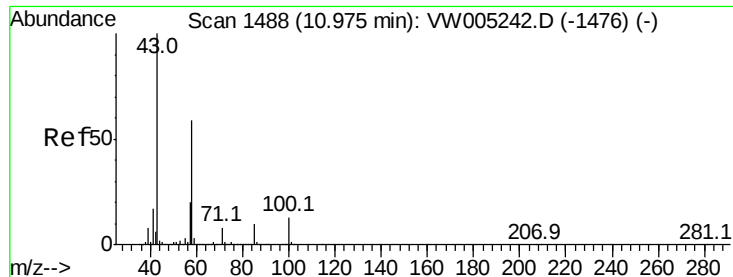
Tgt Ion: 63 Resp: 155654

Ion Ratio Lower Upper

63 100

106 30.5 23.4 35.0

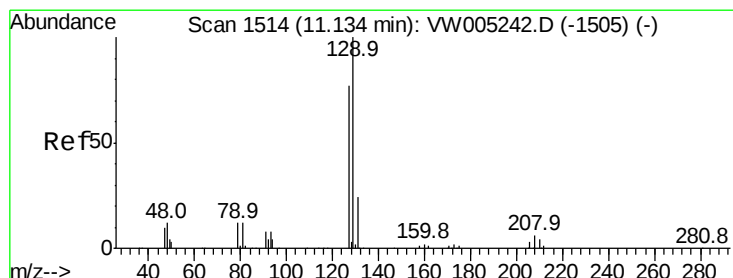
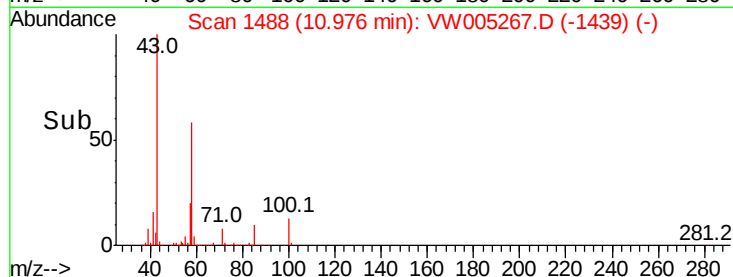
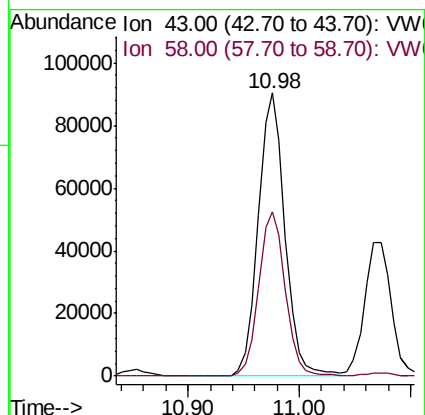
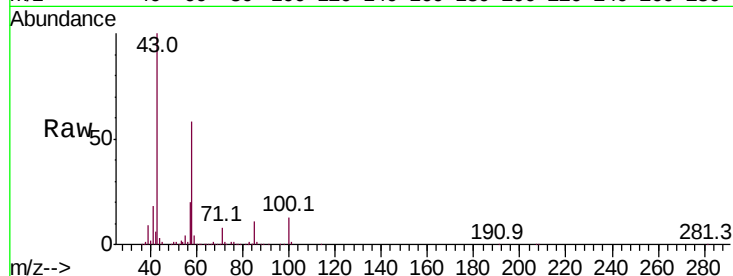




#59
2-Hexanone
Concen: 90.203 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

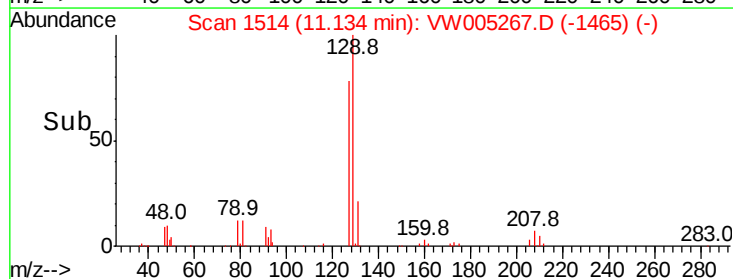
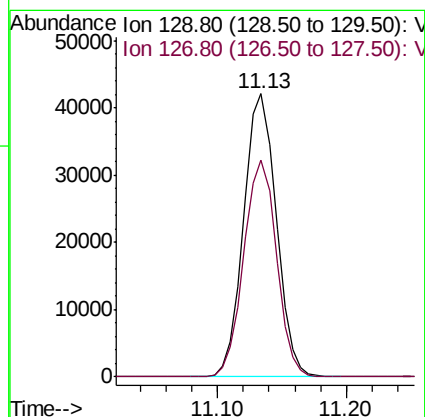
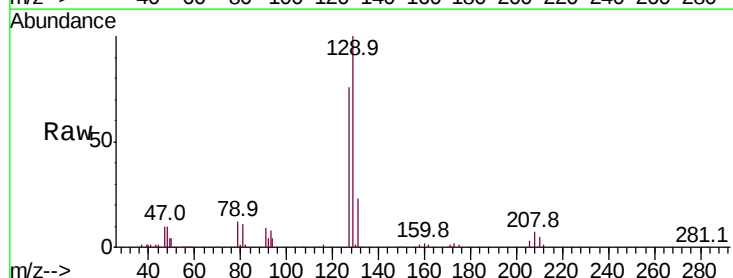
Instrument :
MSVOA_W
ClientSampleId :

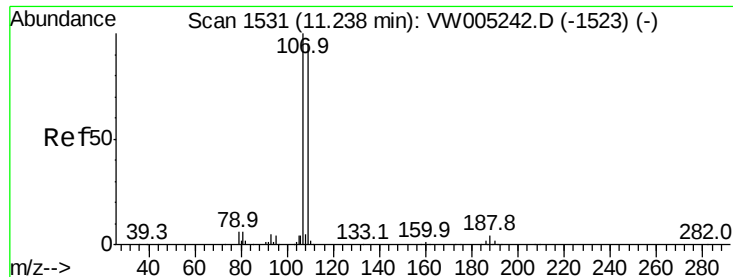
Tot Ion: 43 Resp: 150616
Ion Ratio Lower Upper
43 100
58 58.0 29.3 87.9



#60
Dibromochloromethane
Concen: 20.708 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion: 129 Resp: 73999
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

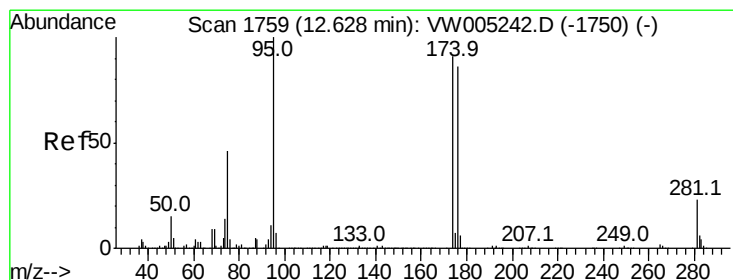
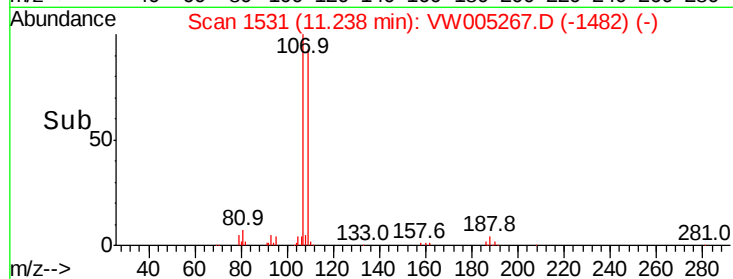
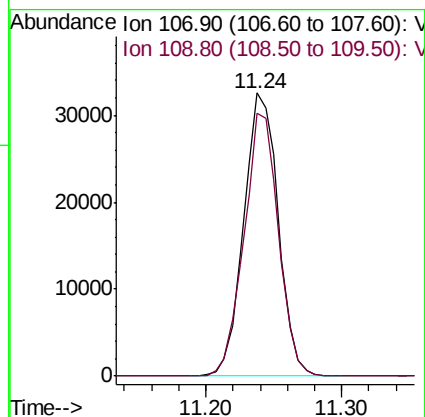
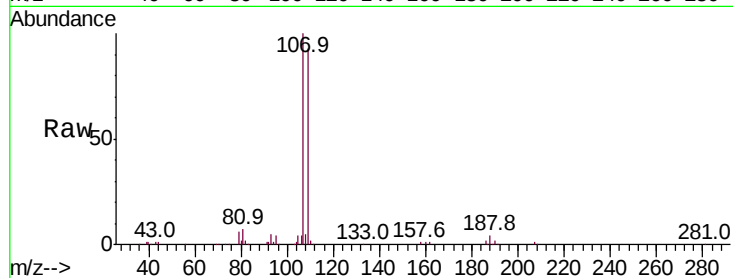




#61
 1,2-Dibromoethane
 Concen: 19.544 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

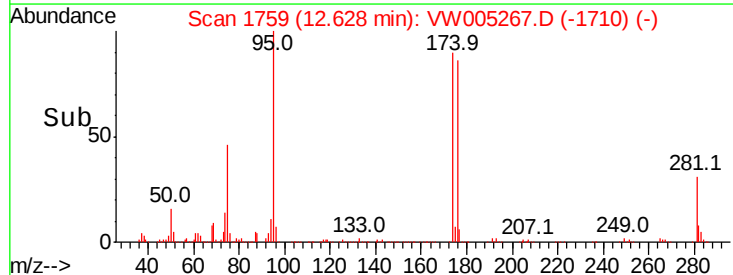
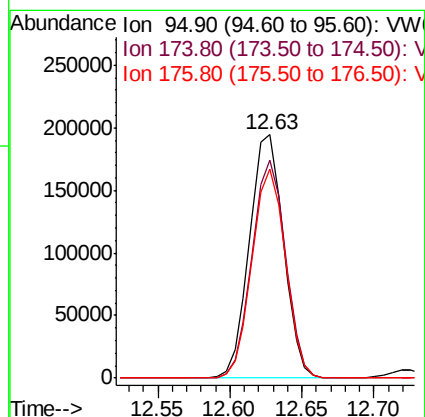
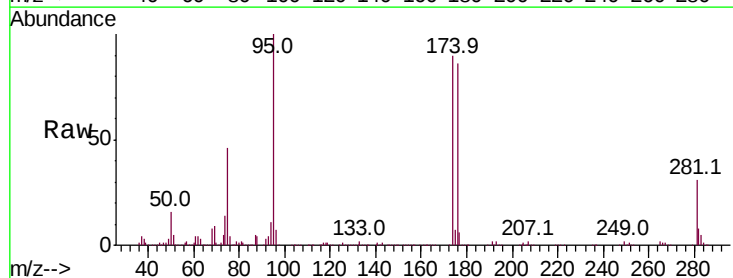
Instrument :
 MSVOA_W
 ClientSampleId :

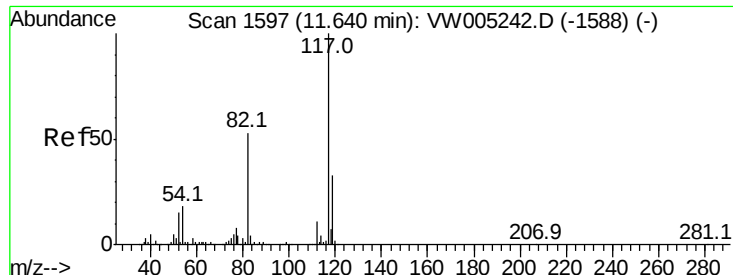
Tot Ion:107 Resp: 57718
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.645 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 95 Resp: 318024
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 174.6
 176 84.6 0.0 167.6

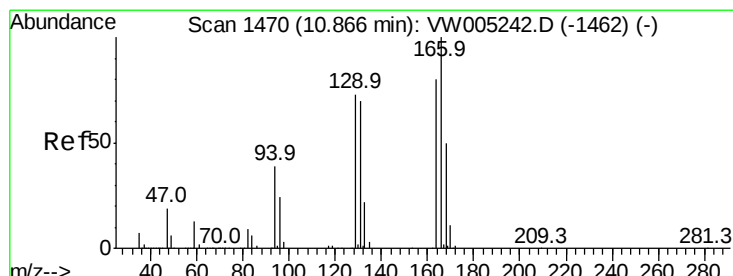
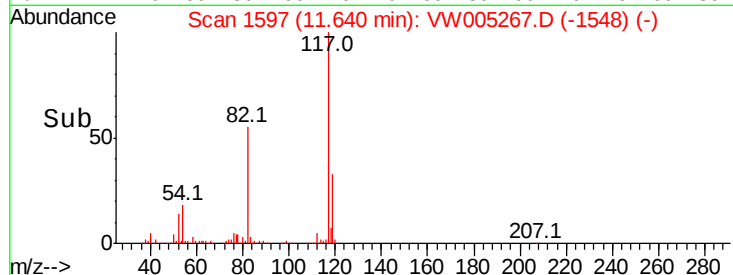
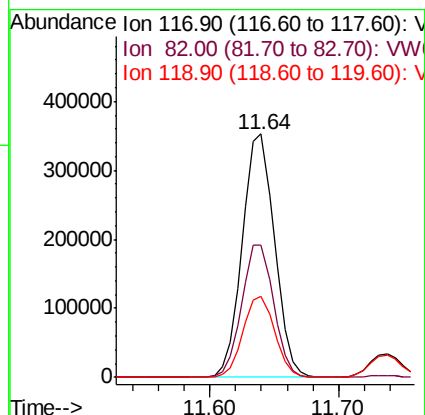
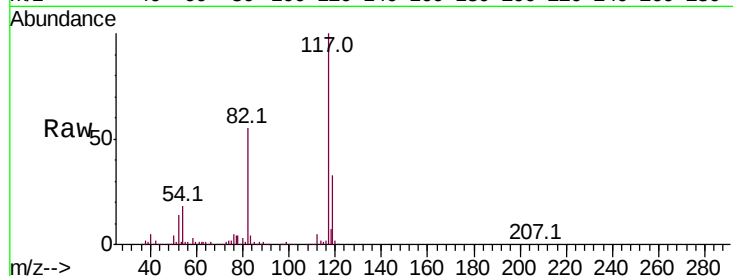




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

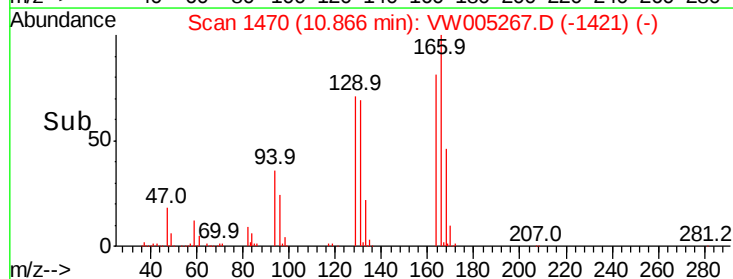
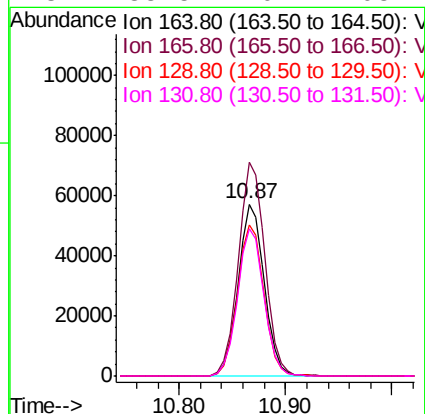
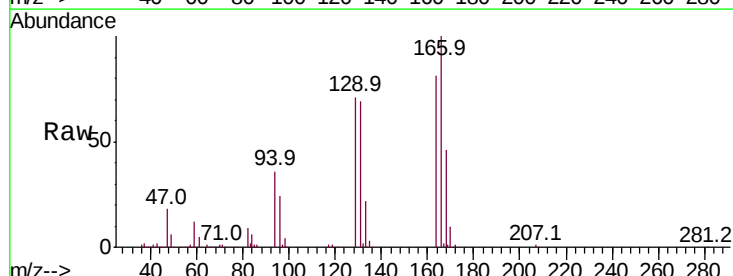
Instrument :
MSVOA_W
ClientSampled :

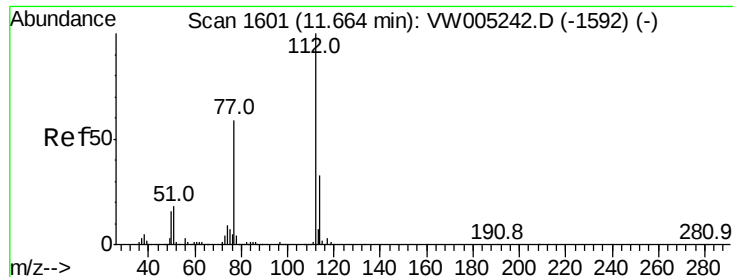
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.6	63.8
119	33.4	26.2	39.4



#64
Tetrachloroethene
Concen: 21.735 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	100.2	150.2
129	87.7	73.2	109.8
131	85.5	70.2	105.4





#65

Chlorobenzene

Concen: 21.335 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

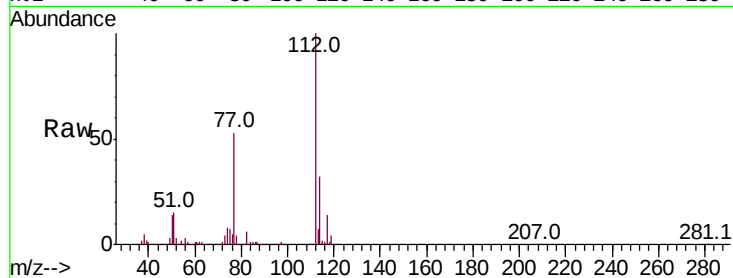
ClientSampleId :

Tot Ion:112 Resp: 285217

Ion Ratio Lower Upper

112 100

114 31.6 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

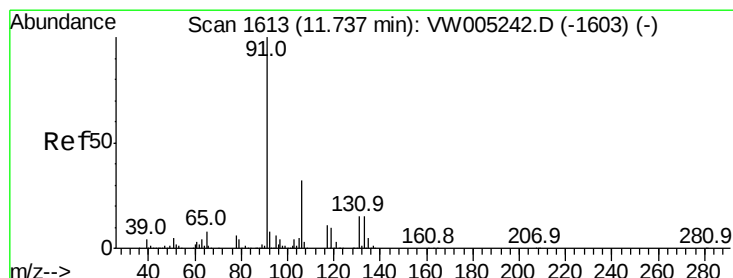
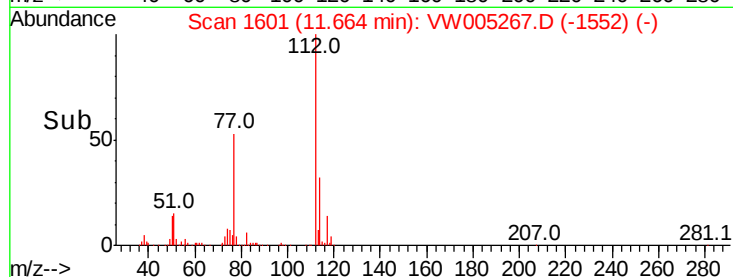
50000

0

11.66

11.60 11.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.285 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

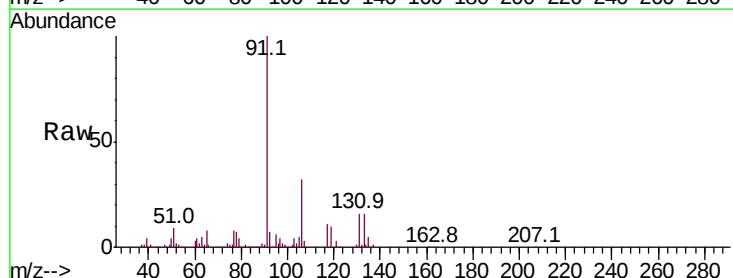
Tgt Ion:131 Resp: 84959

Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.3

119 65.9 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

100000

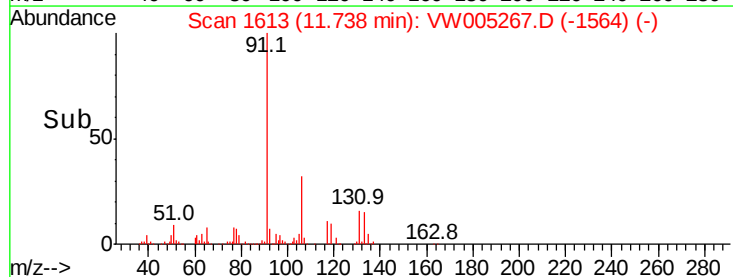
50000

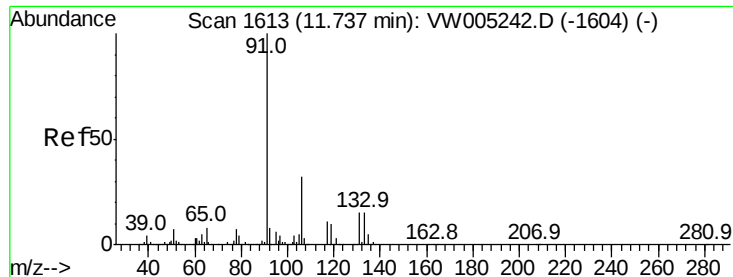
0

11.74

11.65 11.70 11.75 11.80

Time-->





#67

Ethyl Benzene

Concen: 21.098 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

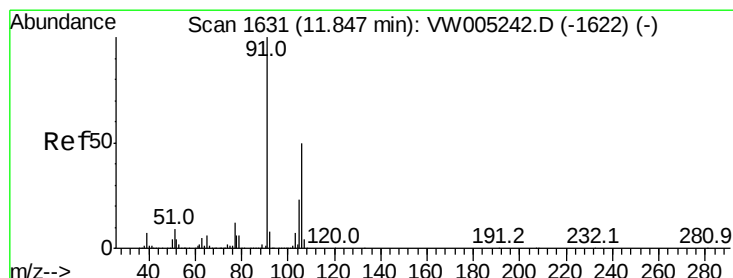
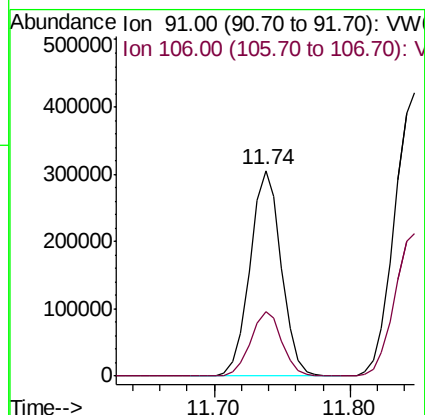
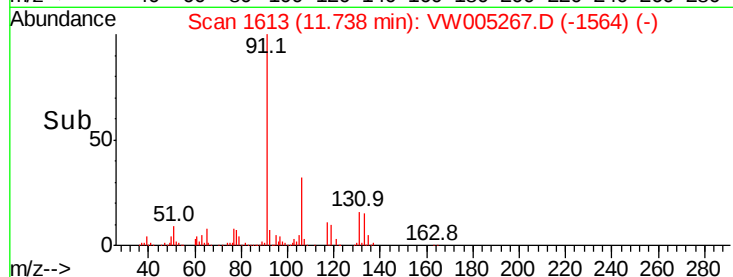
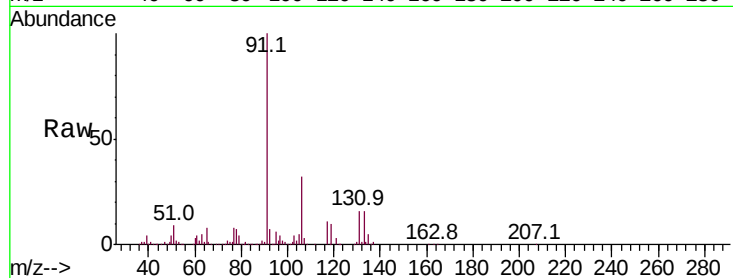
ClientSampleId :

Tot Ion: 91 Resp: 491183

Ion Ratio Lower Upper

91 100

106 31.6 25.6 38.4



#68

m/p-Xylenes

Concen: 43.286 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VW005267.D

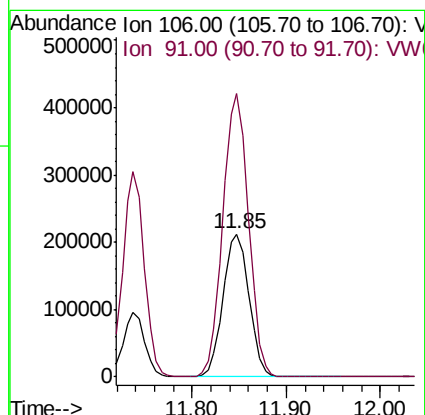
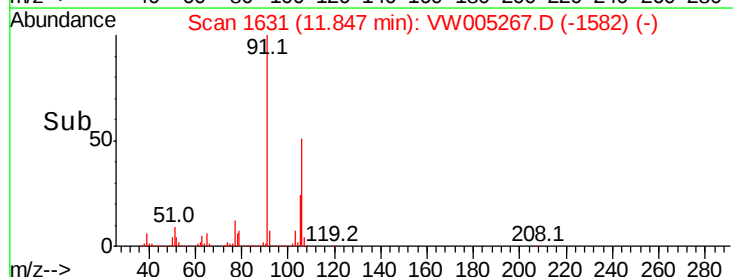
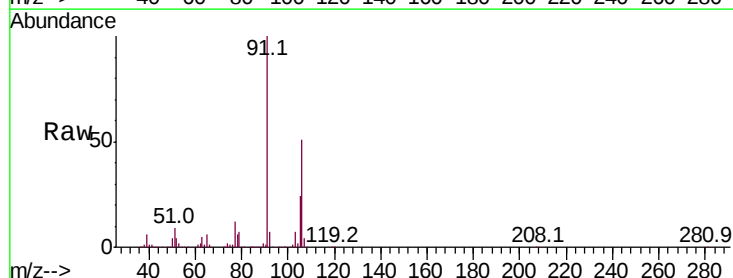
Acq: 11 Sep 2018 11:38

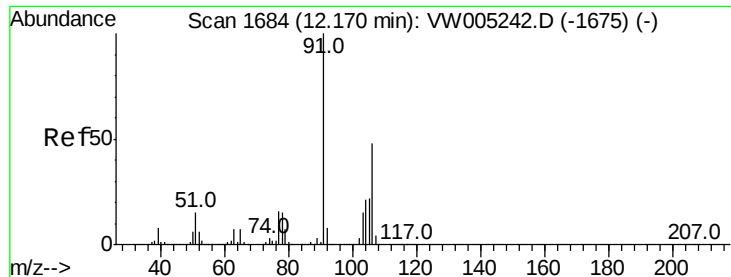
Tgt Ion: 106 Resp: 406092

Ion Ratio Lower Upper

106 100

91 195.4 160.2 240.2

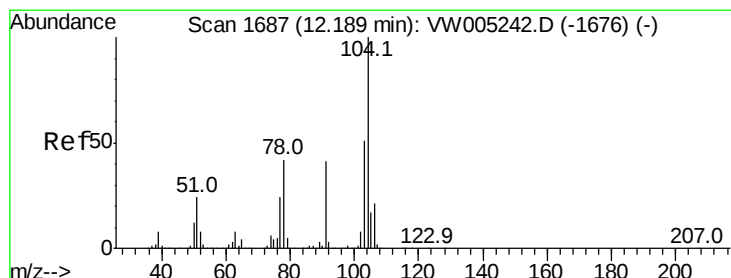
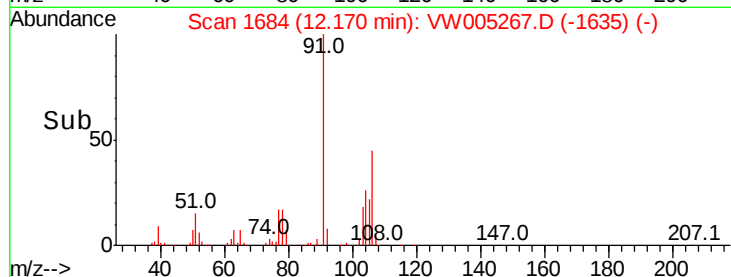
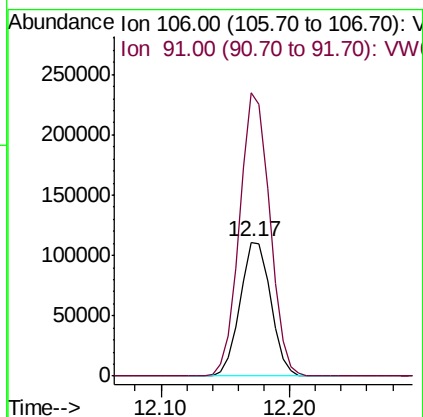
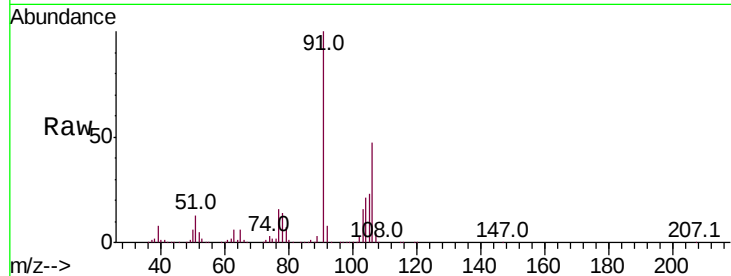




#69
o-Xylene
Concen: 20.968 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

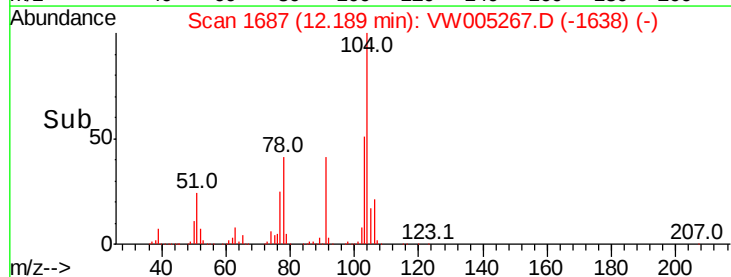
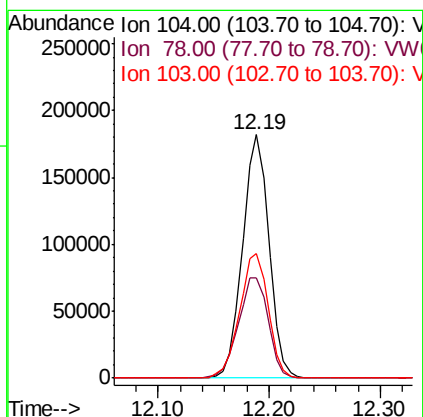
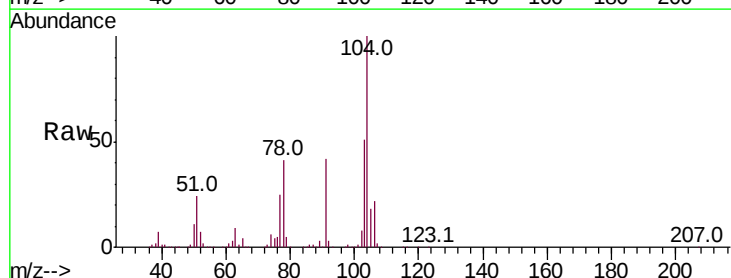
Instrument :
MSVOA_W
ClientSampled :

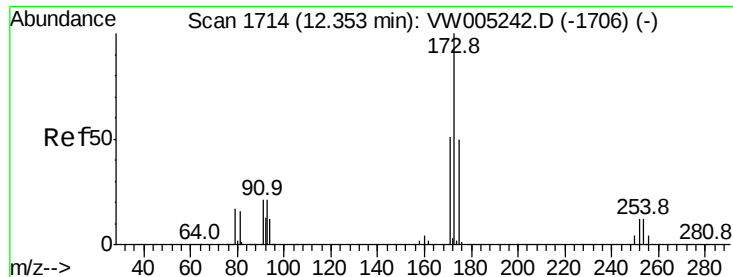
Tot Ion:106 Resp: 183015
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.3



#70
Styrene
Concen: 21.050 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion:104 Resp: 299805
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.2
103 55.7 44.1 66.1





#71

Bromoform

Concen: 20.553 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

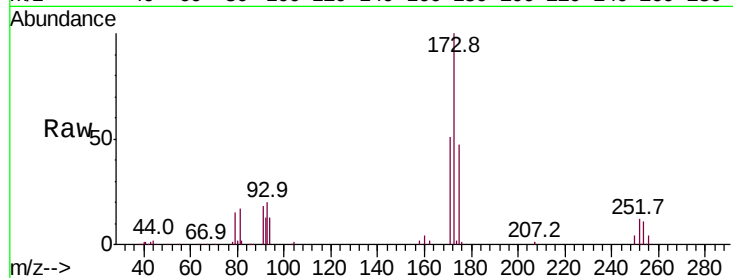
Tot Ion:173 Resp: 44480

Ion Ratio Lower Upper

173 100

175 49.5 24.9 74.6

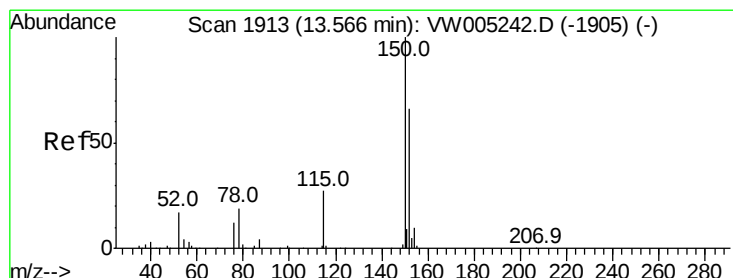
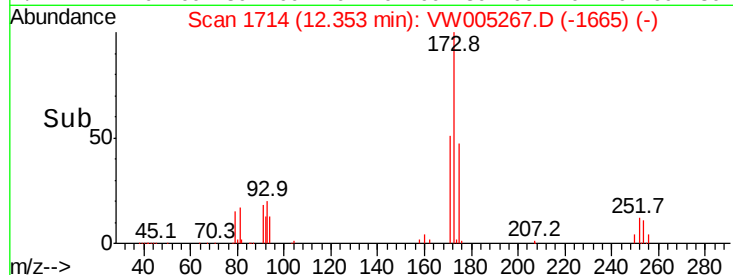
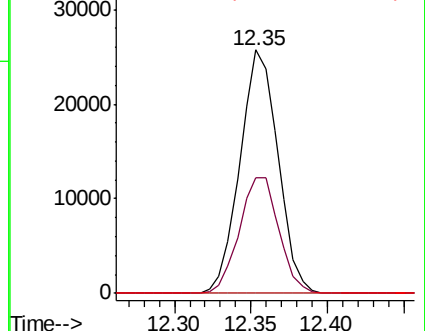
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

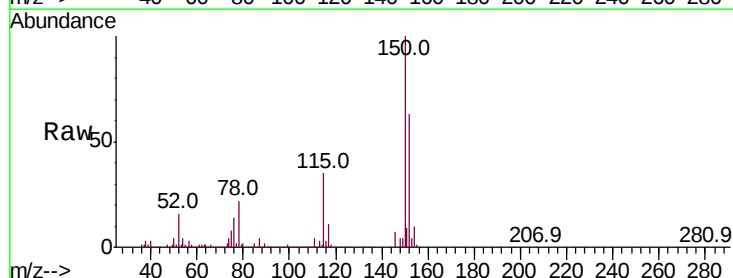
Tgt Ion:152 Resp: 346893

Ion Ratio Lower Upper

152 100

115 55.9 27.5 82.4

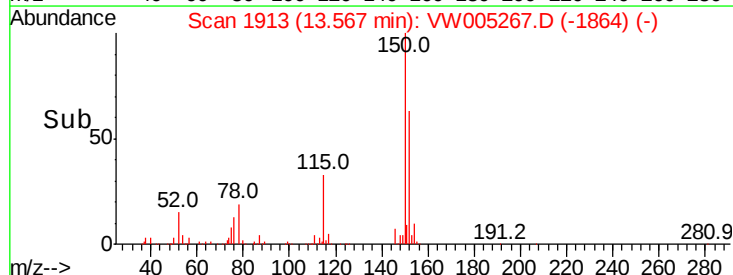
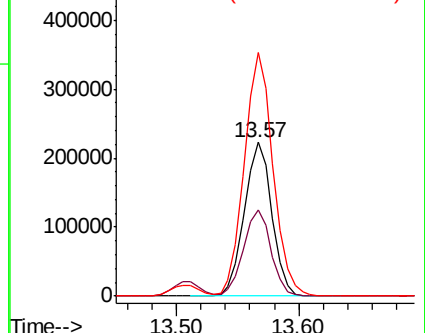
150 165.6 0.0 347.4

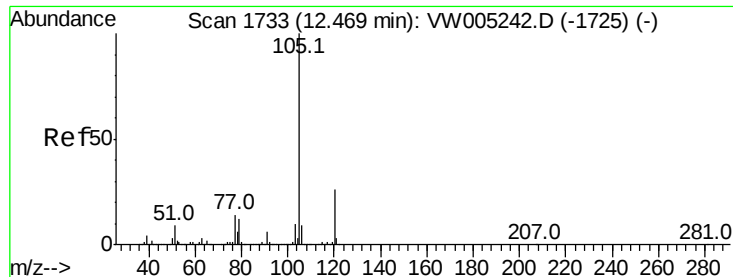


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.233 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

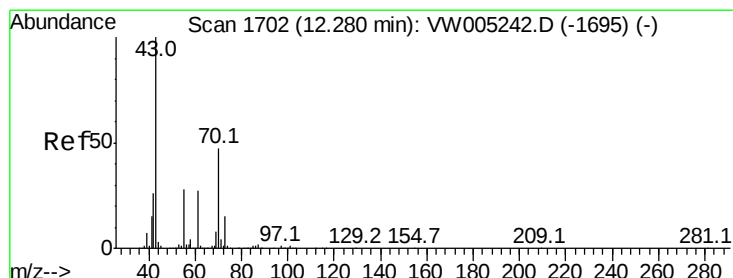
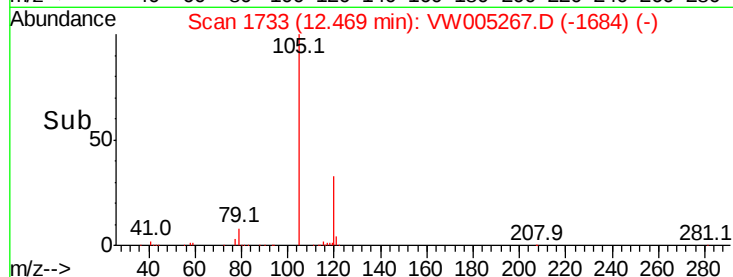
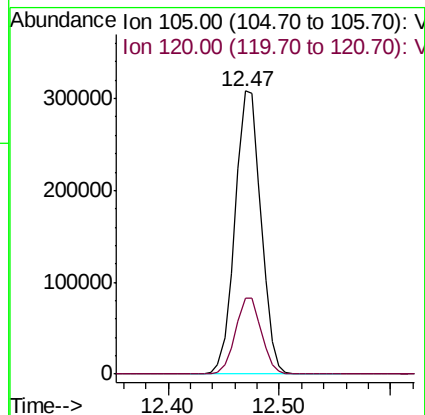
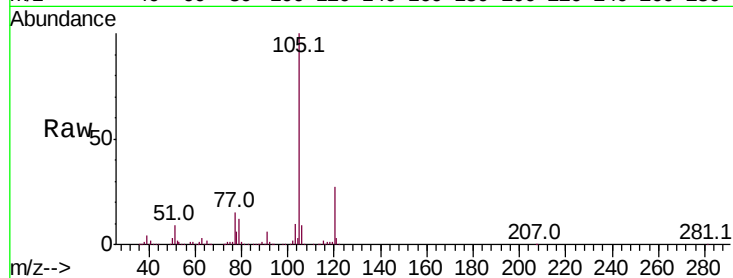
ClientSampleId :

Tot Ion:105 Resp: 495906

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 17.641 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion: 43 Resp: 82266

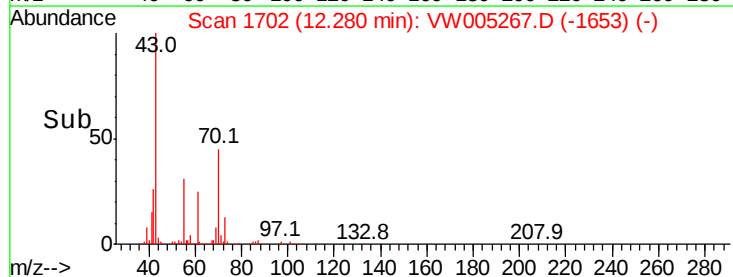
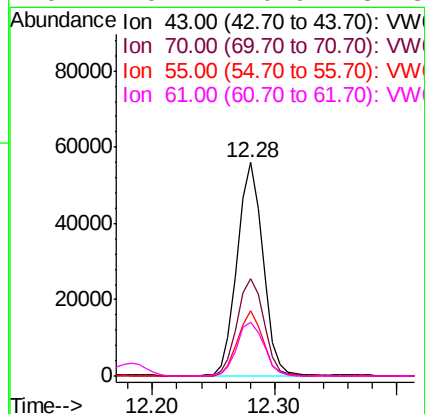
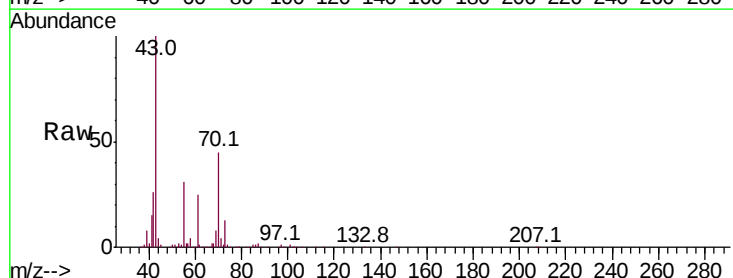
Ion Ratio Lower Upper

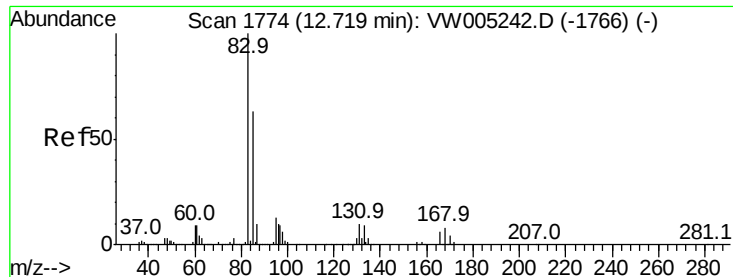
43 100

70 47.1 37.9 56.9

55 29.8 22.6 33.8

61 26.2 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.537 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

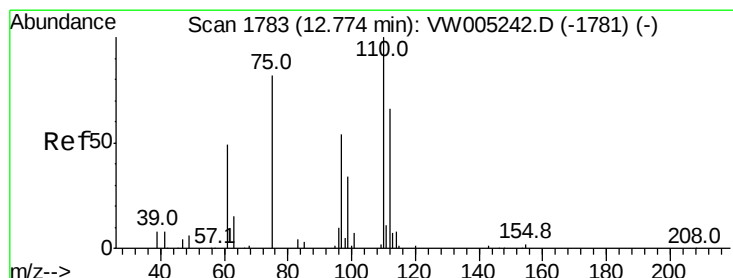
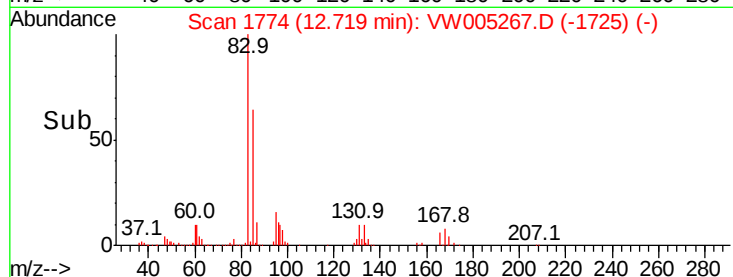
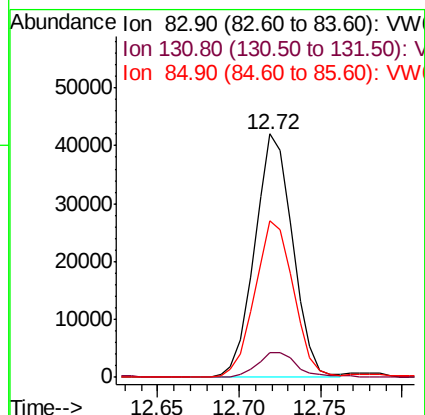
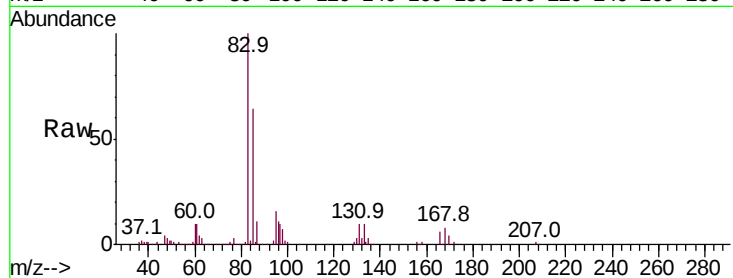
Tot Ion: 83 Resp: 68282

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

85 65.2 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 35.134 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005267.D

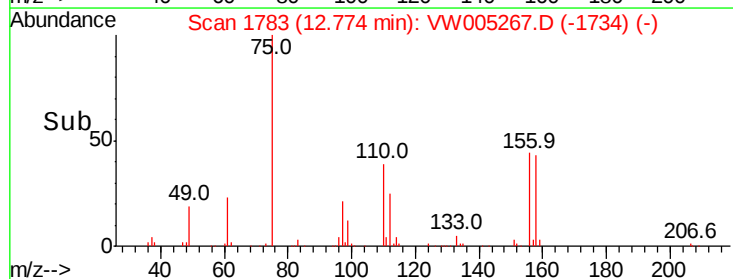
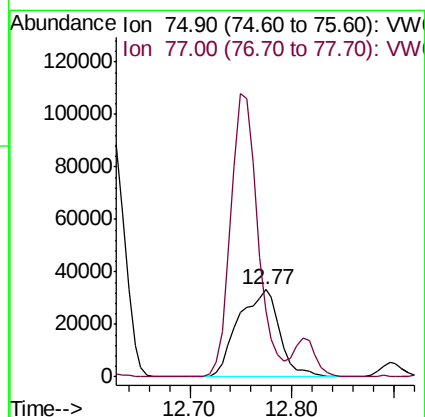
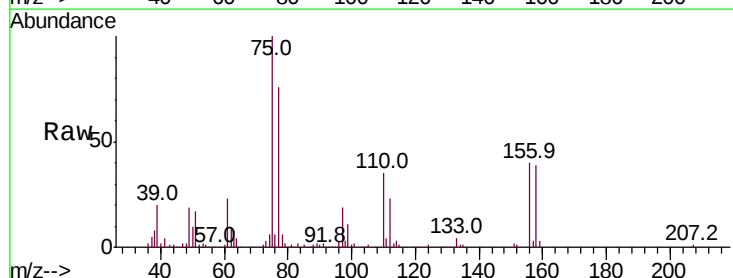
Acq: 11 Sep 2018 11:38

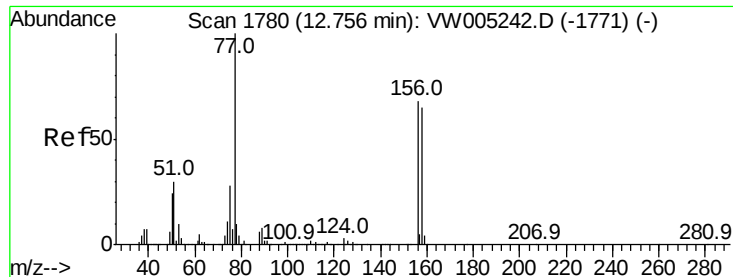
Tgt Ion: 75 Resp: 93741

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.486 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

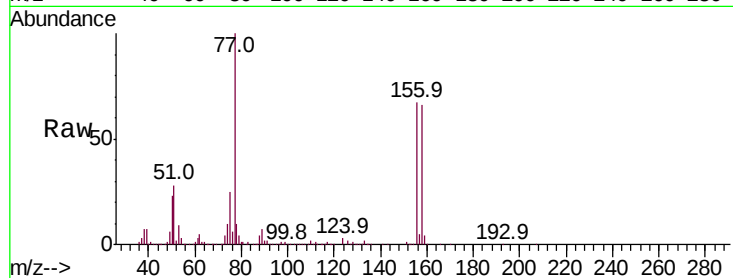
Tot Ion:156 Resp: 118288

Ion Ratio Lower Upper

156 100

77 168.2 86.3 258.8

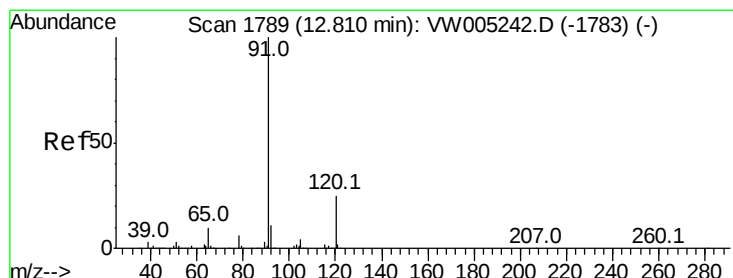
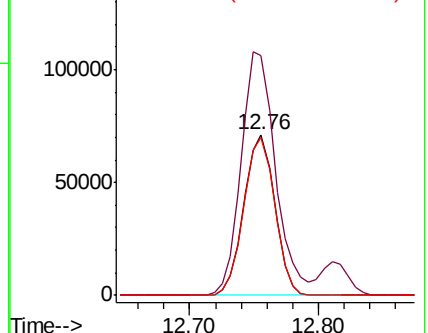
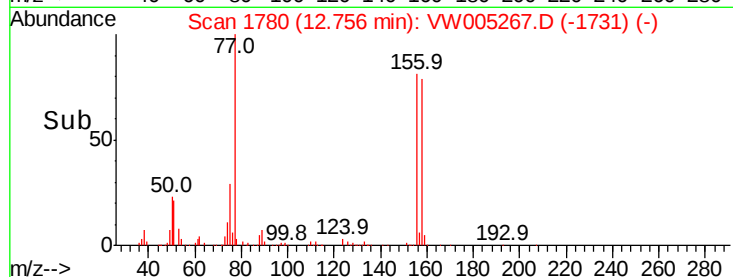
158 98.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VW

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 20.935 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005267.D

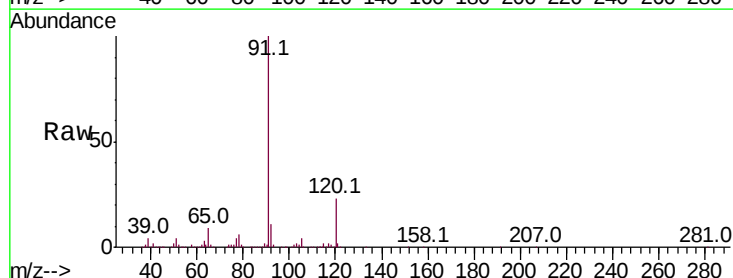
Acq: 11 Sep 2018 11:38

Tgt Ion: 91 Resp: 616267

Ion Ratio Lower Upper

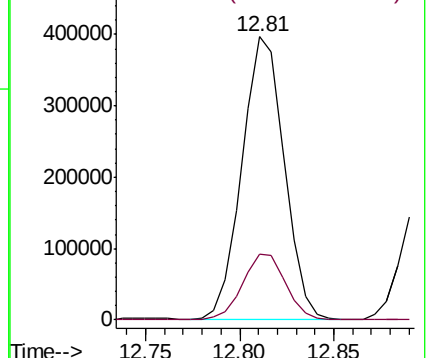
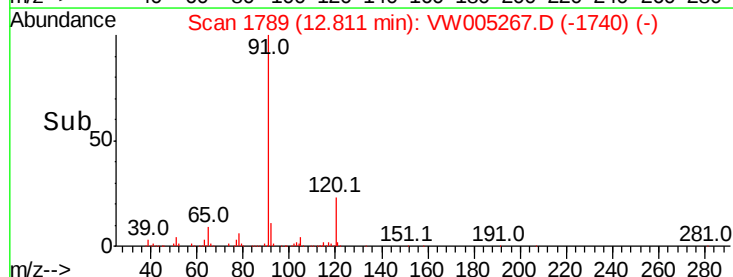
91 100

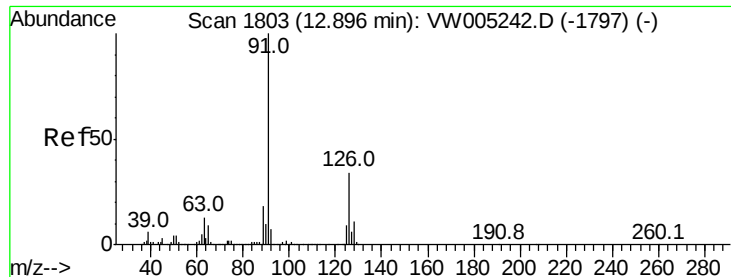
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.30): VW

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 20.566 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

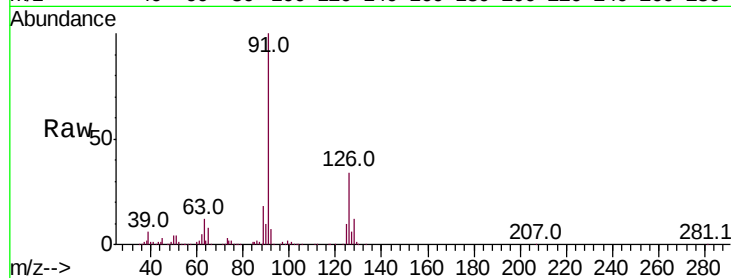
ClientSampleId :

Tot Ion: 91 Resp: 347168

Ion Ratio Lower Upper

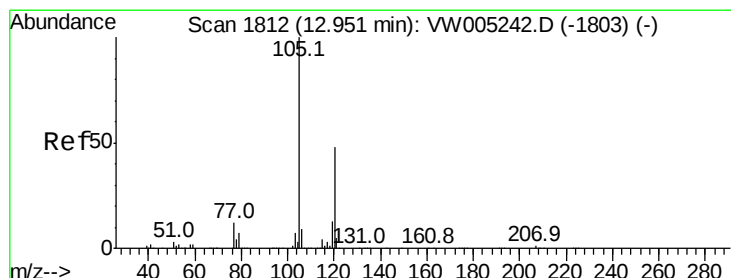
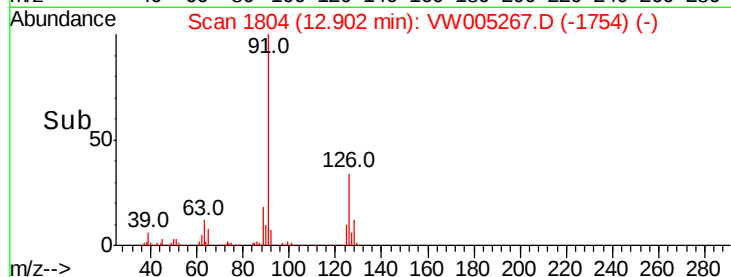
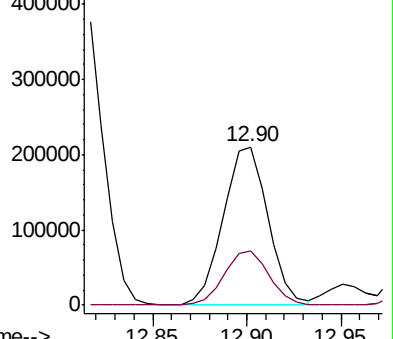
91 100

126 34.3 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: 20.709 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005267.D

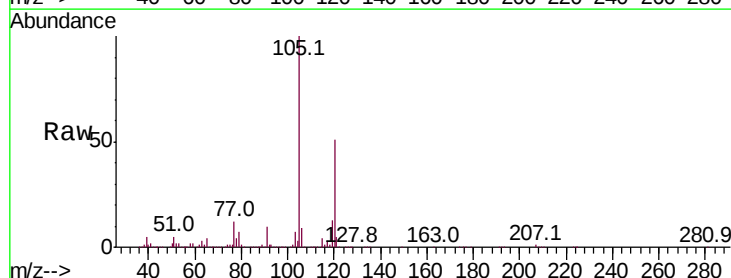
Acq: 11 Sep 2018 11:38

Tgt Ion:105 Resp: 432205

Ion Ratio Lower Upper

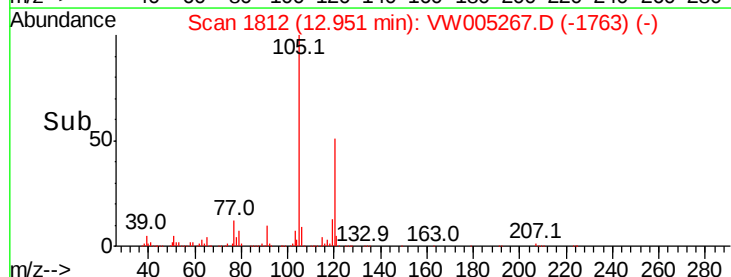
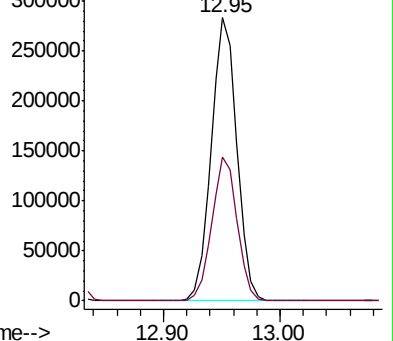
105 100

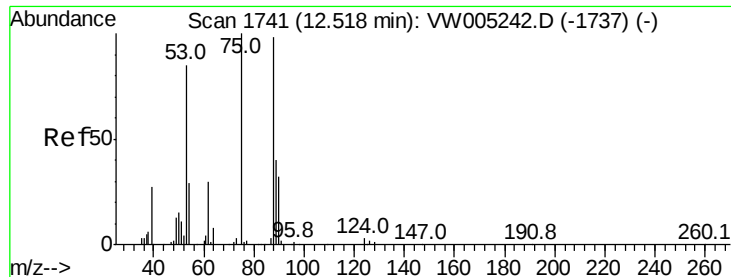
120 50.5 24.4 73.4



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: 18.435 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

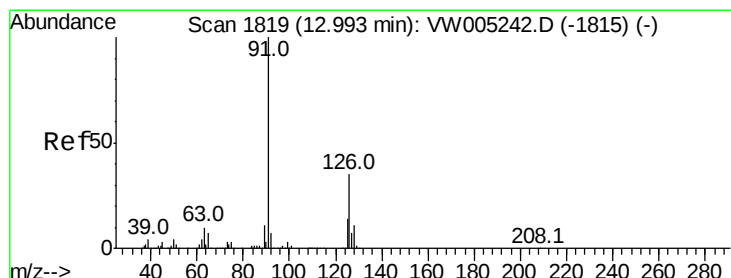
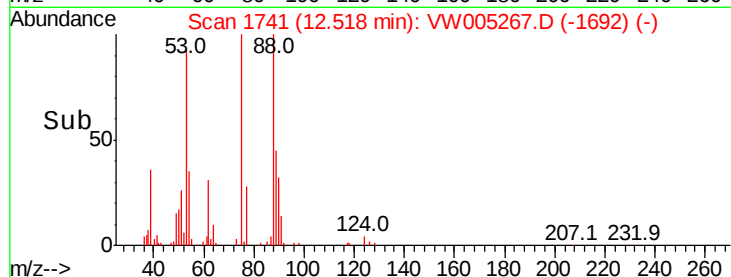
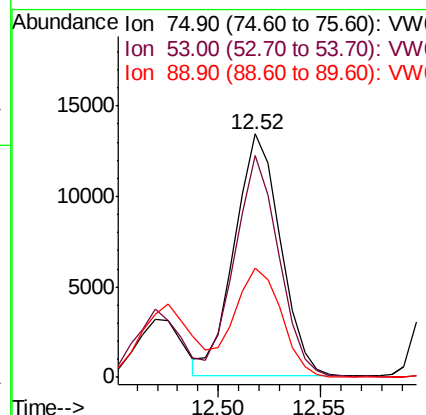
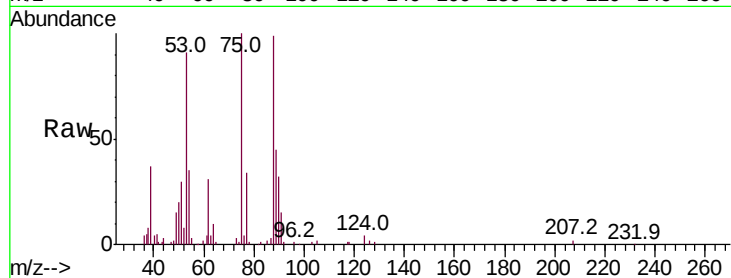
Tot Ion: 75 Resp: 20973

Ion	Ratio	Lower	Upper
75	100		
53	87.8	67.0	100.6
89	47.0	37.0	55.4

75 100

53 87.8 67.0 100.6

89 47.0 37.0 55.4



#82

4-Chlorotoluene

Concen: 20.663 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW005267.D

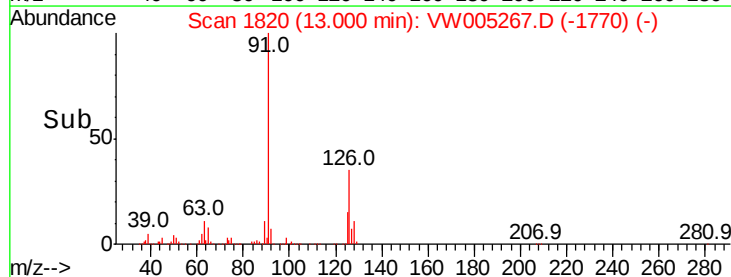
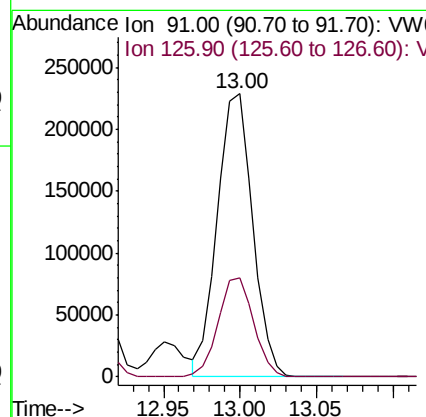
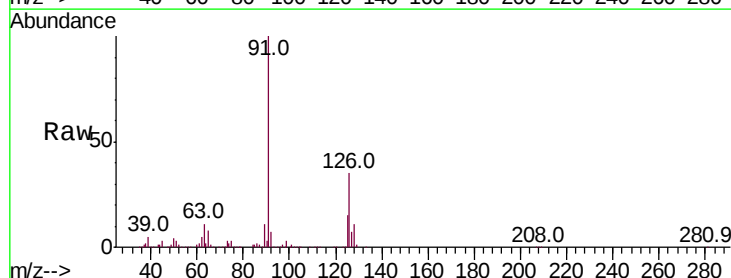
Acq: 11 Sep 2018 11:38

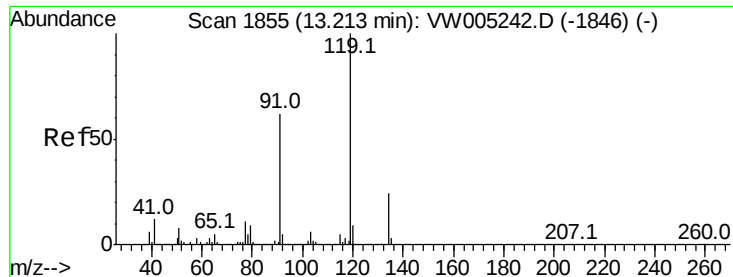
Tgt Ion: 91 Resp: 366632

Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.5	52.5

91 100

126 35.4 17.5 52.5

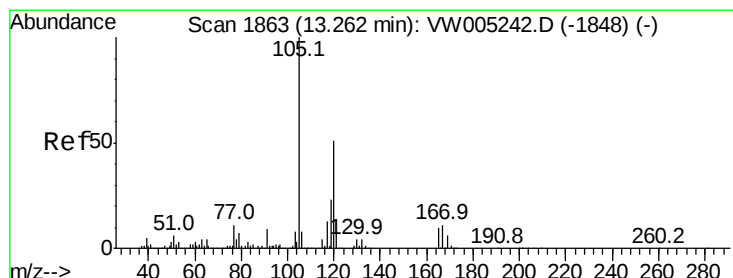
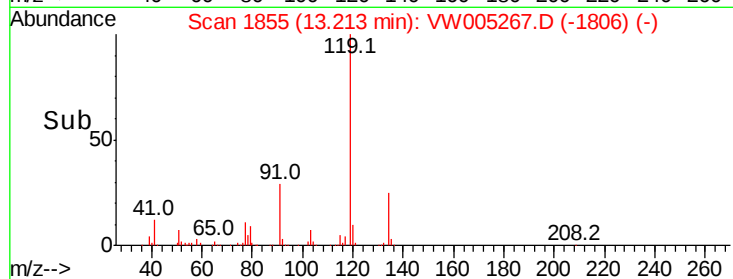
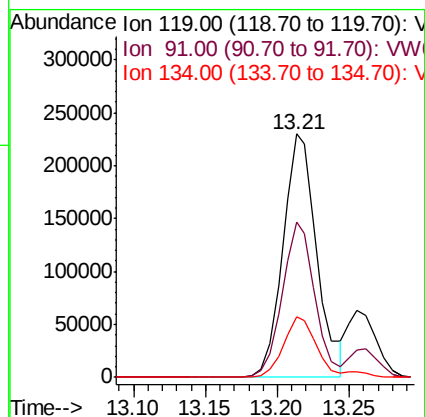
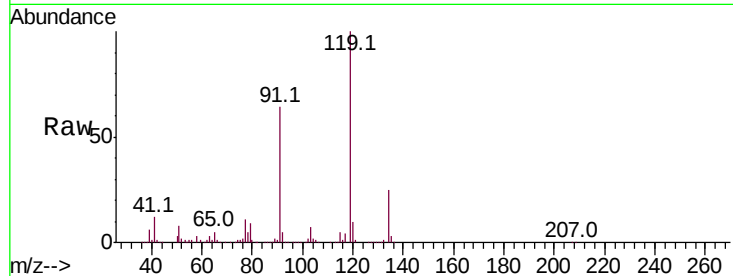




#83
 tert-Butylbenzene
 Concen: 20.709 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

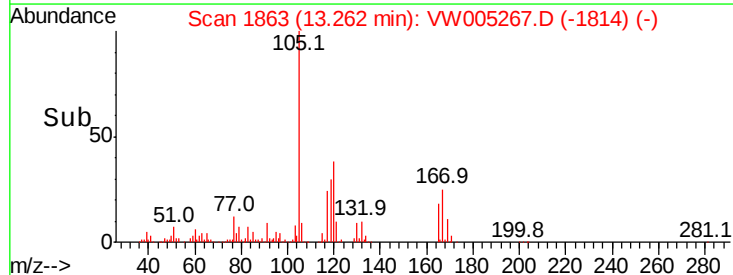
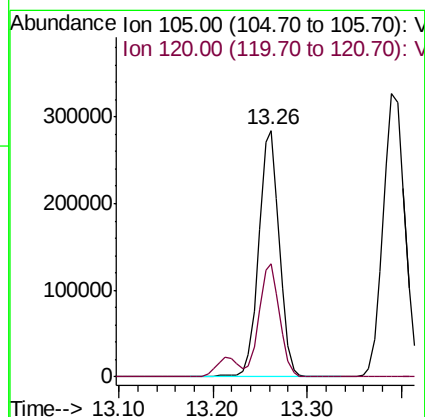
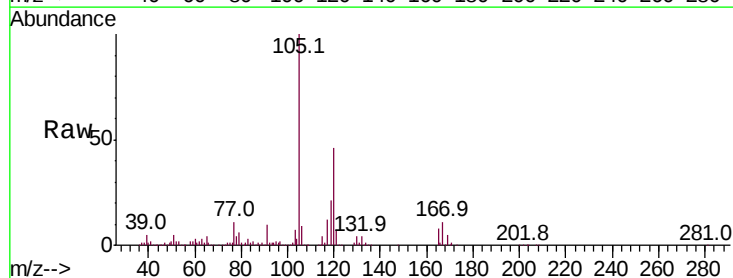
Instrument :
 MSVOA_W
 ClientSampleId :

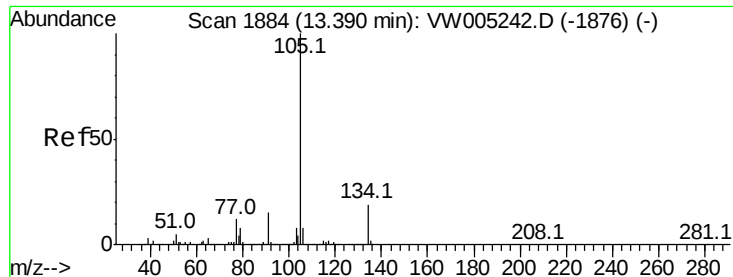
Tot Ion:119 Resp: 378003
 Ion Ratio Lower Upper
 119 100
 91 61.1 31.7 95.1
 134 25.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.899 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion:105 Resp: 438298
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.3

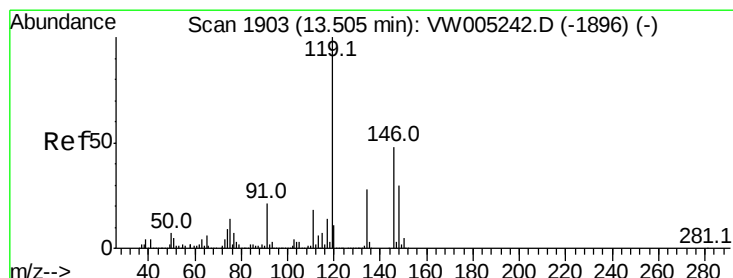
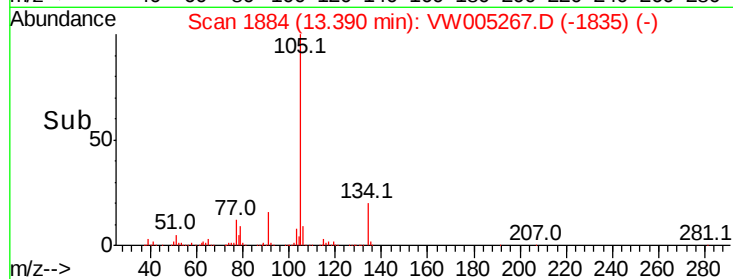
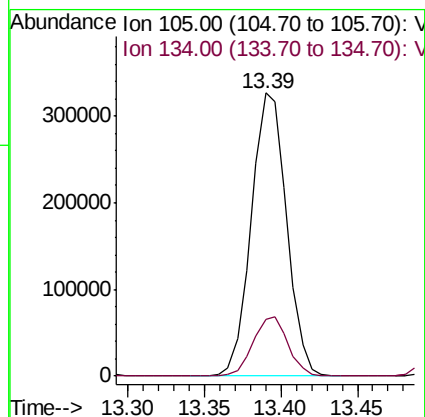
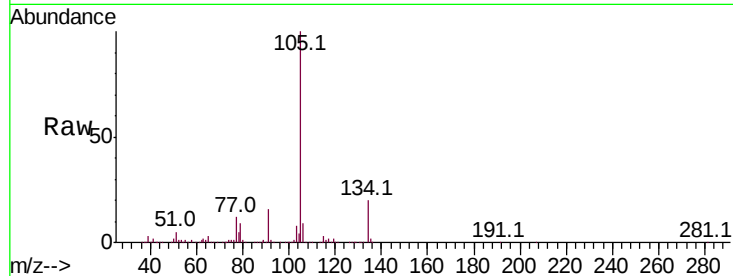




#85
 sec-Butylbenzene
 Concen: 19.953 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

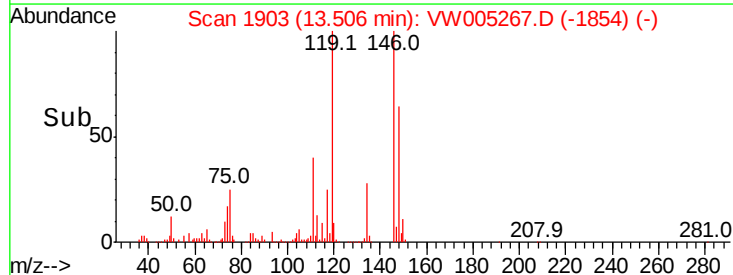
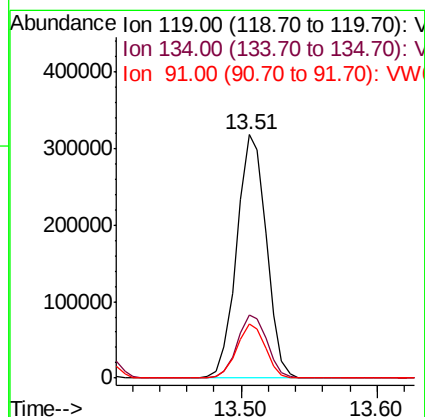
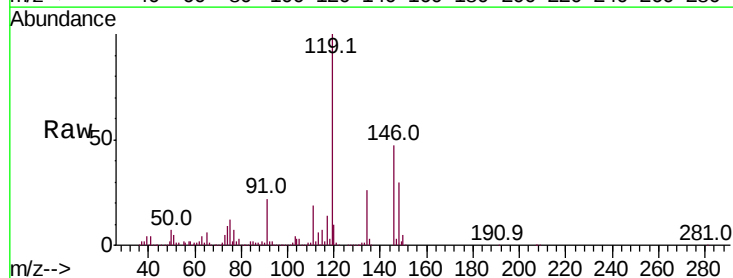
Instrument :
 MSVOA_W
 ClientSampleId :

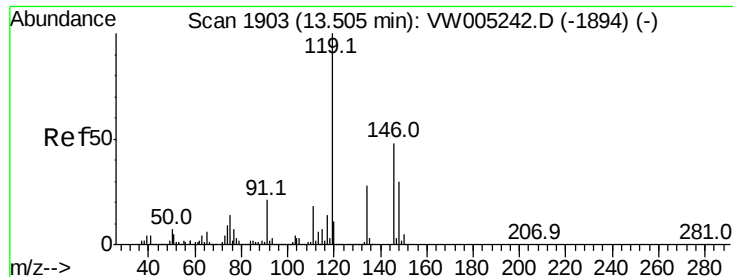
Tot Ion:105 Resp: 523418
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.665 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion:119 Resp: 479895
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 21.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.181 ug/l

RT: 13.51 min Scan# 1903

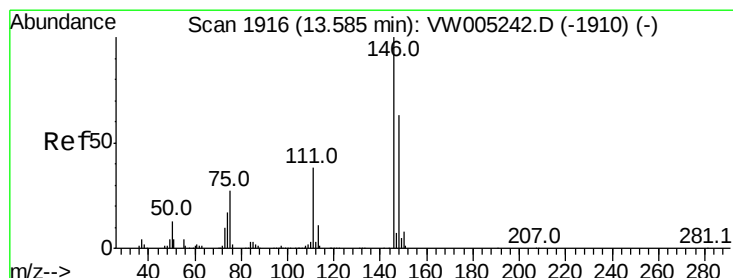
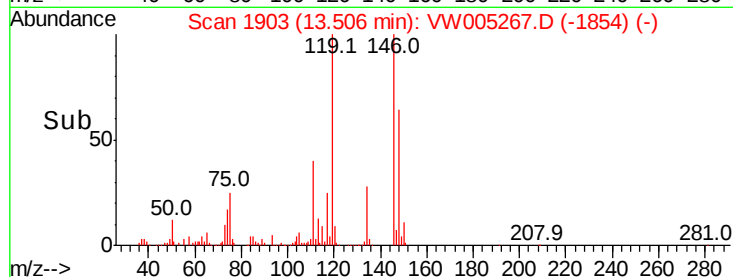
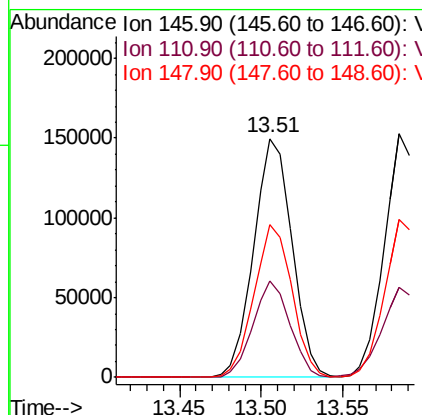
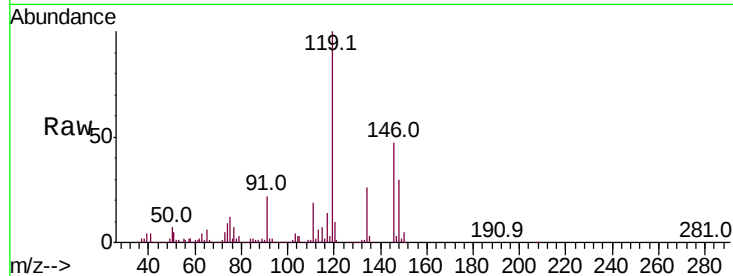
Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.8	56.3
148	63.4	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 20.369 ug/l

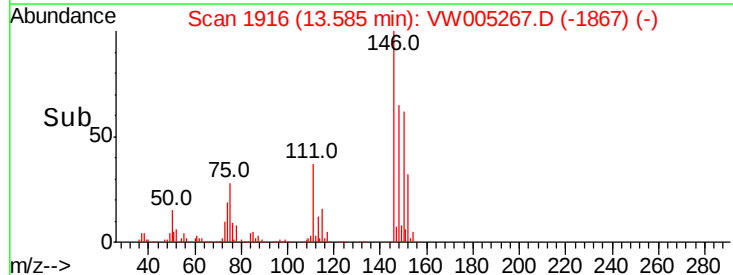
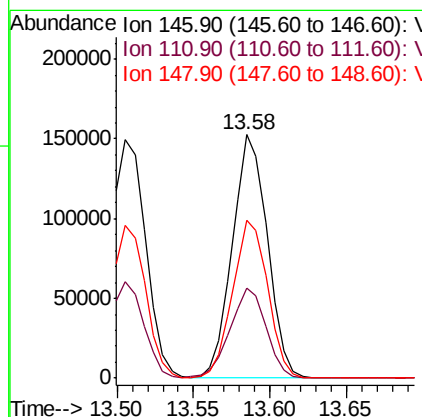
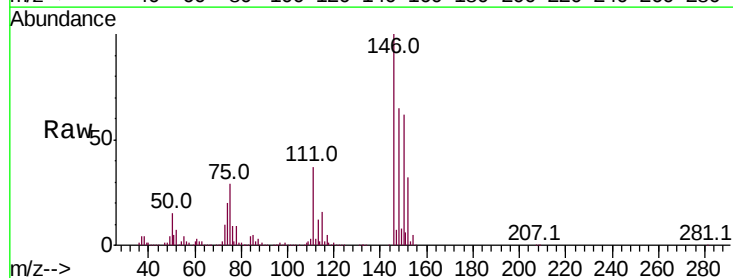
RT: 13.58 min Scan# 1916

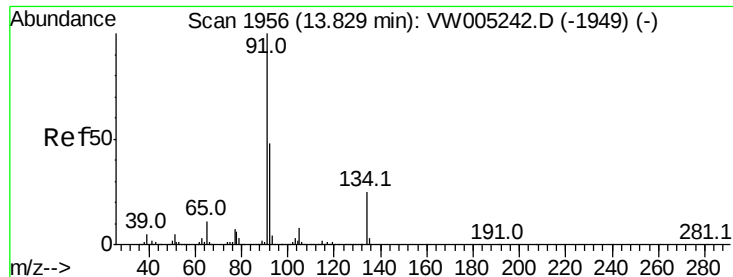
Delta R.T. 0.00 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	65.1	32.3	96.9





#89

n-Butylbenzene

Concen: 20.023 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005267.D

Acq: 11 Sep 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

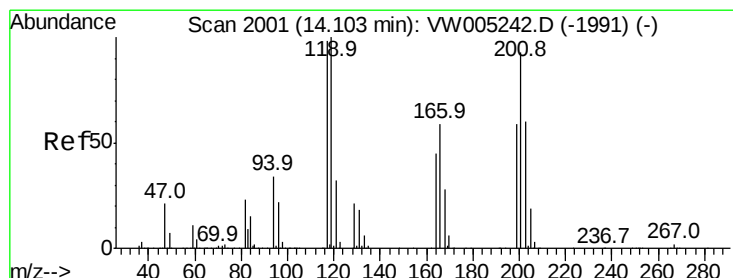
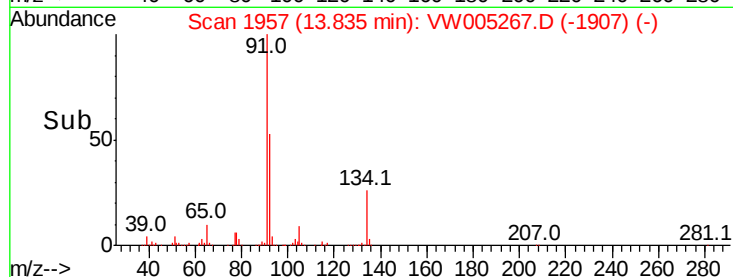
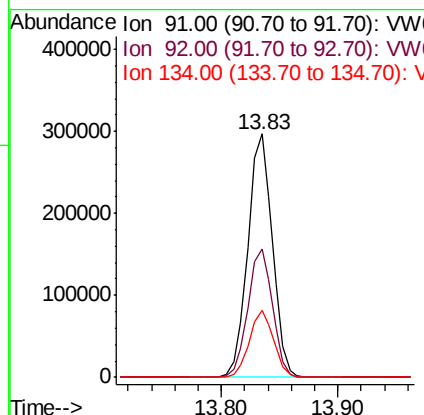
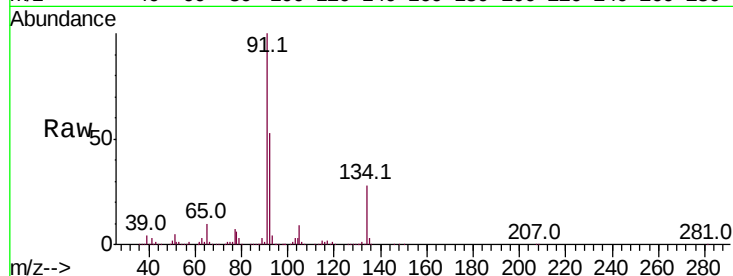
Tot Ion: 91 Resp: 437111

Ion Ratio Lower Upper

91 100

92 52.9 25.8 77.3

134 27.1 13.6 40.8



#90

Hexachloroethane

Concen: 20.269 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005267.D

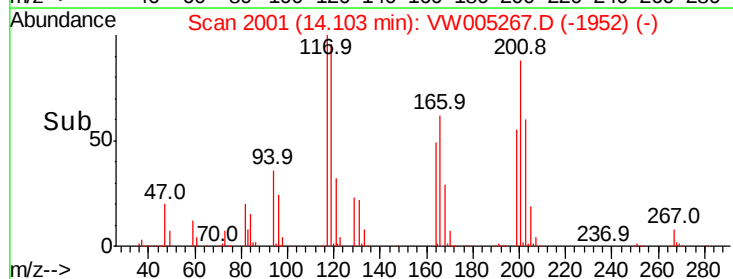
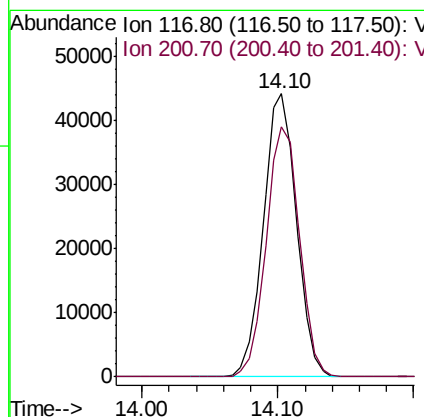
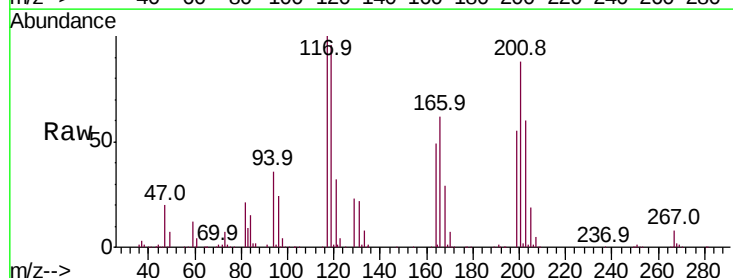
Acq: 11 Sep 2018 11:38

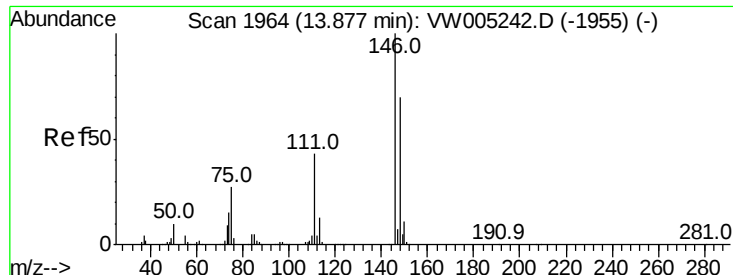
Tgt Ion: 117 Resp: 75414

Ion Ratio Lower Upper

117 100

201 88.5 44.0 132.1

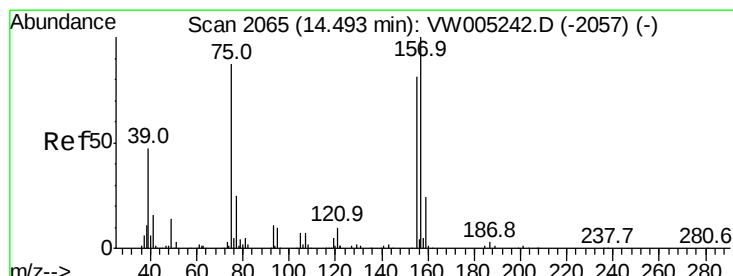
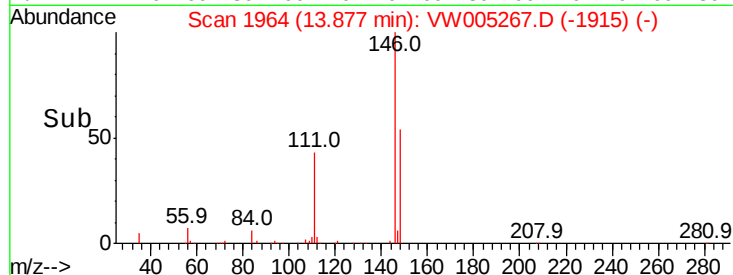
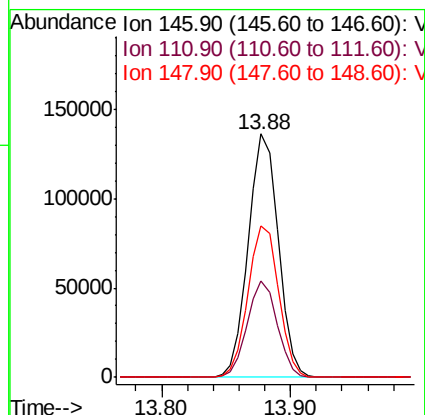
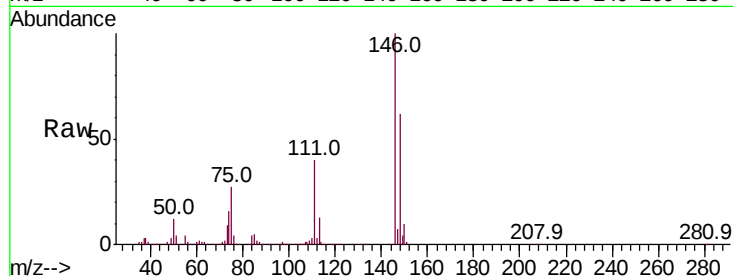




#91
 1,2-Dichlorobenzene
 Concen: 20.520 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

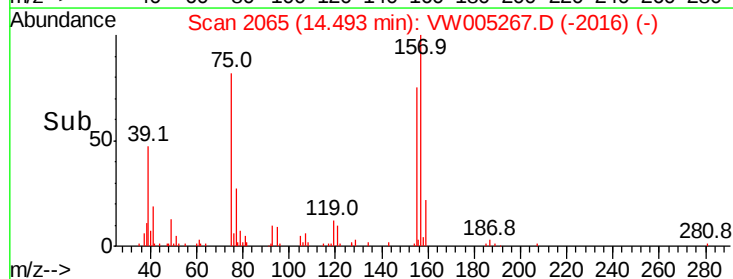
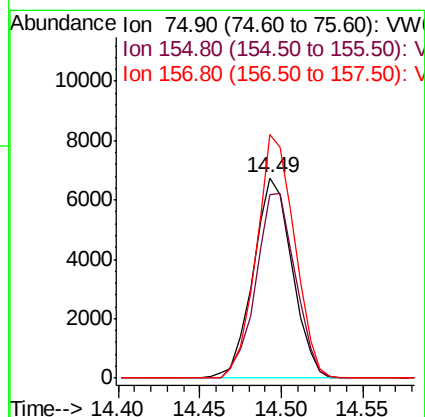
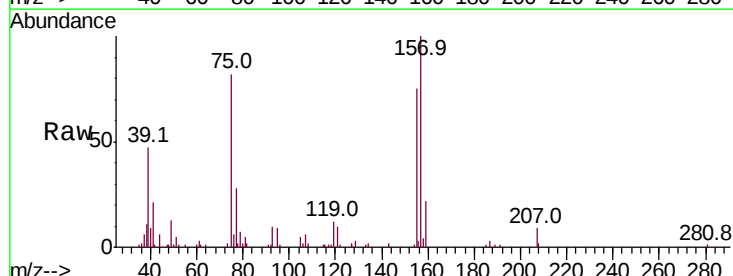
Instrument :
 MSVOA_W
 ClientSampleId :

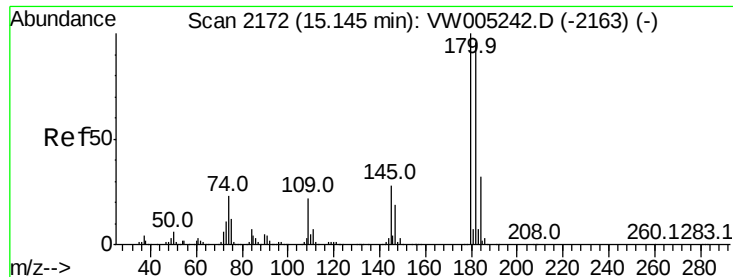
Tot Ion:146 Resp: 218682
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.5 61.5
 148 63.6 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.187 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion: 75 Resp: 11140
 Ion Ratio Lower Upper
 75 100
 155 93.5 47.4 142.2
 157 119.1 59.4 178.2

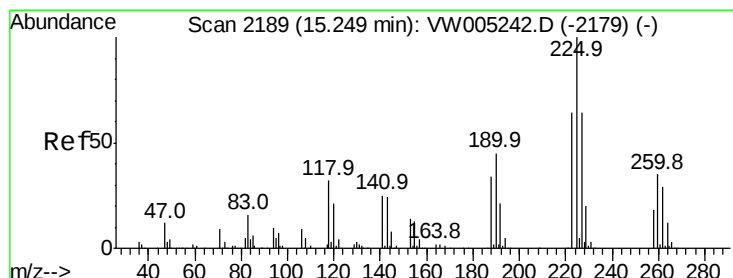
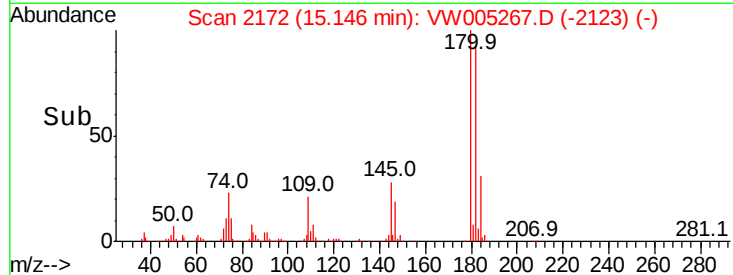
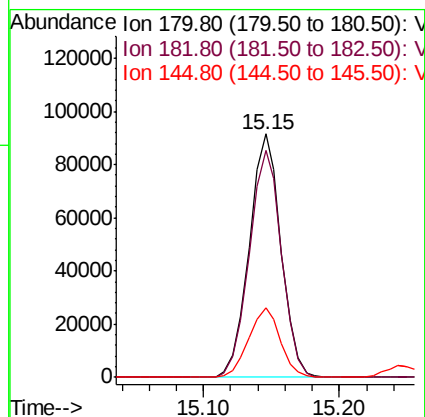
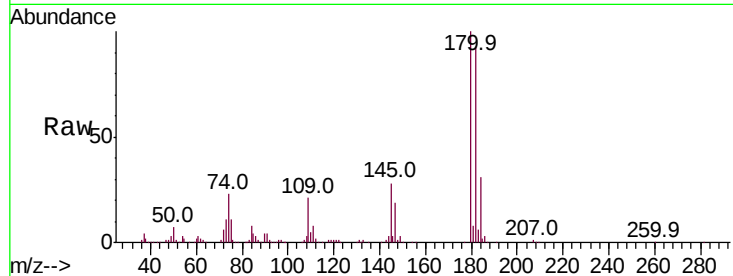




#93
 1,2,4-Trichlorobenzene
 Concen: 19.839 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

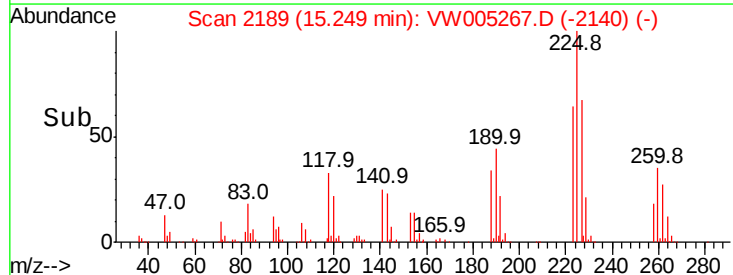
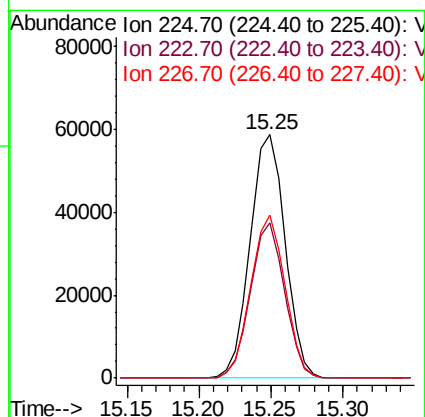
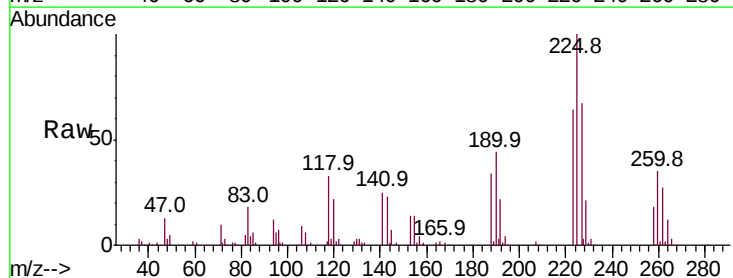
Instrument :
 MSVOA_W
 ClientSampleId :

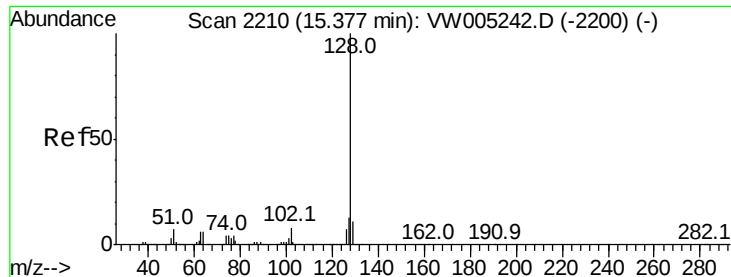
Tot Ion	Ratio	Resp	Lower	Upper
180	100	149550		
182	94.6		48.1	144.4
145	28.4		14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 20.422 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005267.D
 Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98585		
223	62.6		31.4	94.2
227	65.5		32.0	96.0

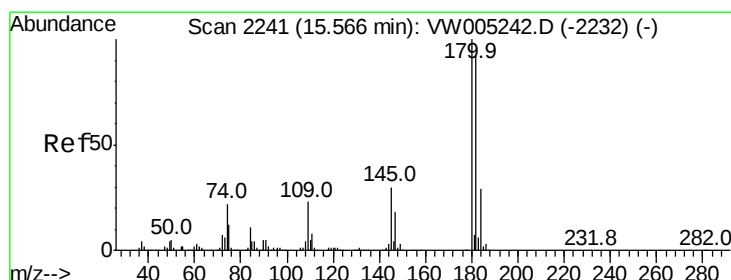
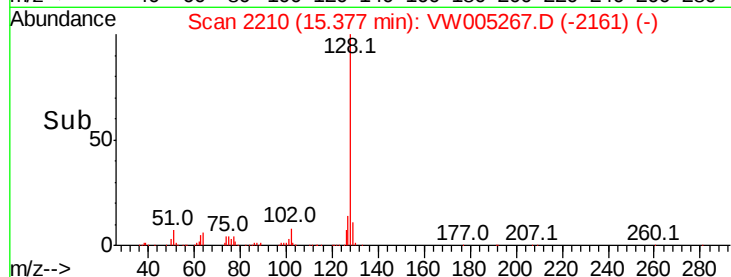
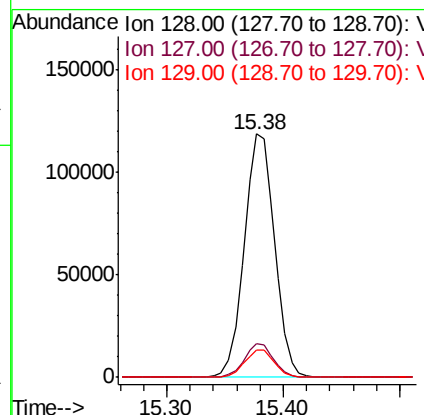
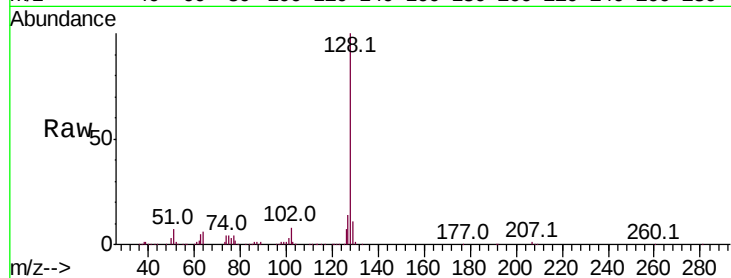




#95
Naphthalene
Concen: 17.611 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.462 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005267.D
Acq: 11 Sep 2018 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.2	141.6
145	30.6	15.2	45.6

