

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005274.D
 Acq On : 11 Sep 2018 14:36
 Operator : SY/AP
 Sample : J4803-18MS
 Misc : 5.93G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 15:21:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	493007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	707460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	688300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	363086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	195347	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	7.89	113	170198	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	10.33	98	959207	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.63	95	345565	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	190934	44.896	ug/l	99
3) Chloromethane	2.22	50	279335	49.129	ug/l	99
4) Vinyl Chloride	2.36	62	257683	49.367	ug/l	100
5) Bromomethane	2.76	94	178425	56.757	ug/l	98
6) Chloroethane	2.92	64	142975	49.726	ug/l	98
7) Trichlorofluoromethane	3.26	101	276688	46.859	ug/l	97
8) Diethyl Ether	3.69	74	110438	52.481	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	189363	44.898	ug/l	100
10) Methyl Iodide	4.28	142	215238	41.652	ug/l	100
11) Tert butyl alcohol	5.17	59	79931	265.062	ug/l	99
12) 1,1-Dichloroethene	4.04	96	183333	47.209	ug/l	99
13) Acrolein	3.90	56	55628	190.970	ug/l	99
14) Allyl chloride	4.68	41	289245	48.473	ug/l	99
15) Acrylonitrile	5.38	53	277341	292.122	ug/l	100
16) Acetone	4.13	43	162886	238.648	ug/l	96
17) Carbon Disulfide	4.38	76	666624	48.904	ug/l	100
18) Methyl Acetate	4.68	43	151744	74.477	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	513378	55.503	ug/l	98
20) Methylene Chloride	4.93	84	264637	52.324	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	213948	47.185	ug/l	96
22) Diisopropyl ether	6.32	45	598842	49.849	ug/l	98
23) Vinyl Acetate	6.32	43	321029	47.952	ug/l #	71
24) 1,1-Dichloroethane	6.23	63	361303	48.859	ug/l	99
25) 2-Butanone	7.18	43	294480	273.527	ug/l	96
26) 2,2-Dichloropropane	7.18	77	299817	46.763	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	236339	48.702	ug/l	99
28) Bromochloromethane	7.52	49	145590	53.368	ug/l	98
29) Tetrahydrofuran	7.54	42	214765	296.015	ug/l	99
30) Chloroform	7.68	83	373633	50.347	ug/l	99
31) Cyclohexane	7.96	56	361869	45.990	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	324758	48.440	ug/l	99
36) 1,1-Dichloropropene	8.09	75	312319	48.186	ug/l	100
37) Ethyl Acetate	7.26	43	118115	47.910	ug/l	99
38) Carbon Tetrachloride	8.07	117	288092	47.450	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	364733	42.383	ug/l	98
40) Benzene	8.33	78	970229	50.810	ug/l	100
41) Methacrylonitrile	7.49	41	76774	60.700	ug/l #	91
42) 1,2-Dichloroethane	8.41	62	234127	51.251	ug/l	99
43) Isopropyl Acetate	8.43	43	258595	56.485	ug/l	99
44) Trichloroethene	9.10	130	366856	70.030	ug/l	99
45) 1,2-Dichloropropane	9.38	63	236624	51.554	ug/l	98
46) Dibromomethane	9.46	93	117845	52.454	ug/l	98
47) Bromodichloromethane	9.65	83	275791	50.182	ug/l	96
48) Methyl methacrylate	9.44	41	128078	53.880	ug/l	91
49) 1,4-Dioxane	9.45	88	46896	1118.015	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	770720	299.155	ug/l	100
52) Toluene	10.40	92	681972	49.140	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	316010	53.205	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	362221	50.926	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	188066	52.501	ug/l	99
56) Ethyl methacrylate	10.65	69	245484	54.055	ug/l	99
57) 1,3-Dichloropropane	10.94	76	320474	53.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	556010	281.688	ug/l	100
59) 2-Hexanone	10.98	43	565980	304.729	ug/l	100
60) Dibromochloromethane	11.13	129	212282	53.406	ug/l	99
61) 1,2-Dibromoethane	11.24	107	178191	54.244	ug/l	100
64) Tetrachloroethene	10.87	164	419140	82.078	ug/l	99
65) Chlorobenzene	11.66	112	740494	49.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	229796	51.043	ug/l	99
67) Ethyl Benzene	11.74	91	1283762	48.890	ug/l	99
68) m/p-Xylenes	11.85	106	1028223	97.172	ug/l	99
69) o-Xylene	12.17	106	490913	49.866	ug/l	100
70) Styrene	12.19	104	818516	50.954	ug/l	100
71) Bromoform	12.35	173	137502	56.330	ug/l	99
73) Isopropylbenzene	12.47	105	1248962	48.685	ug/l	100
74) N-amyl acetate	12.28	43	248946	51.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	109258	28.339	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	299283	107.167	ug/l #	100
77) Bromobenzene	12.76	156	316479	52.365	ug/l	98
78) n-propylbenzene	12.81	91	1468492	47.662	ug/l	99
79) 2-Chlorotoluene	12.90	91	866922	49.066	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1051111	48.117	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	72832	61.163	ug/l	97
82) 4-Chlorotoluene	13.00	91	903233	48.636	ug/l	99
83) tert-Butylbenzene	13.21	119	870410	45.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1076070	49.020	ug/l	98
85) sec-Butylbenzene	13.39	105	1208782	44.024	ug/l	99
86) p-Isopropyltoluene	13.51	119	1085517	44.659	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	596471	47.001	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	596078	47.822	ug/l	100
89) n-Butylbenzene	13.83	91	937557	41.032	ug/l	98
90) Hexachloroethane	14.10	117	169557	43.540	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	550028	49.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39629	61.811	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

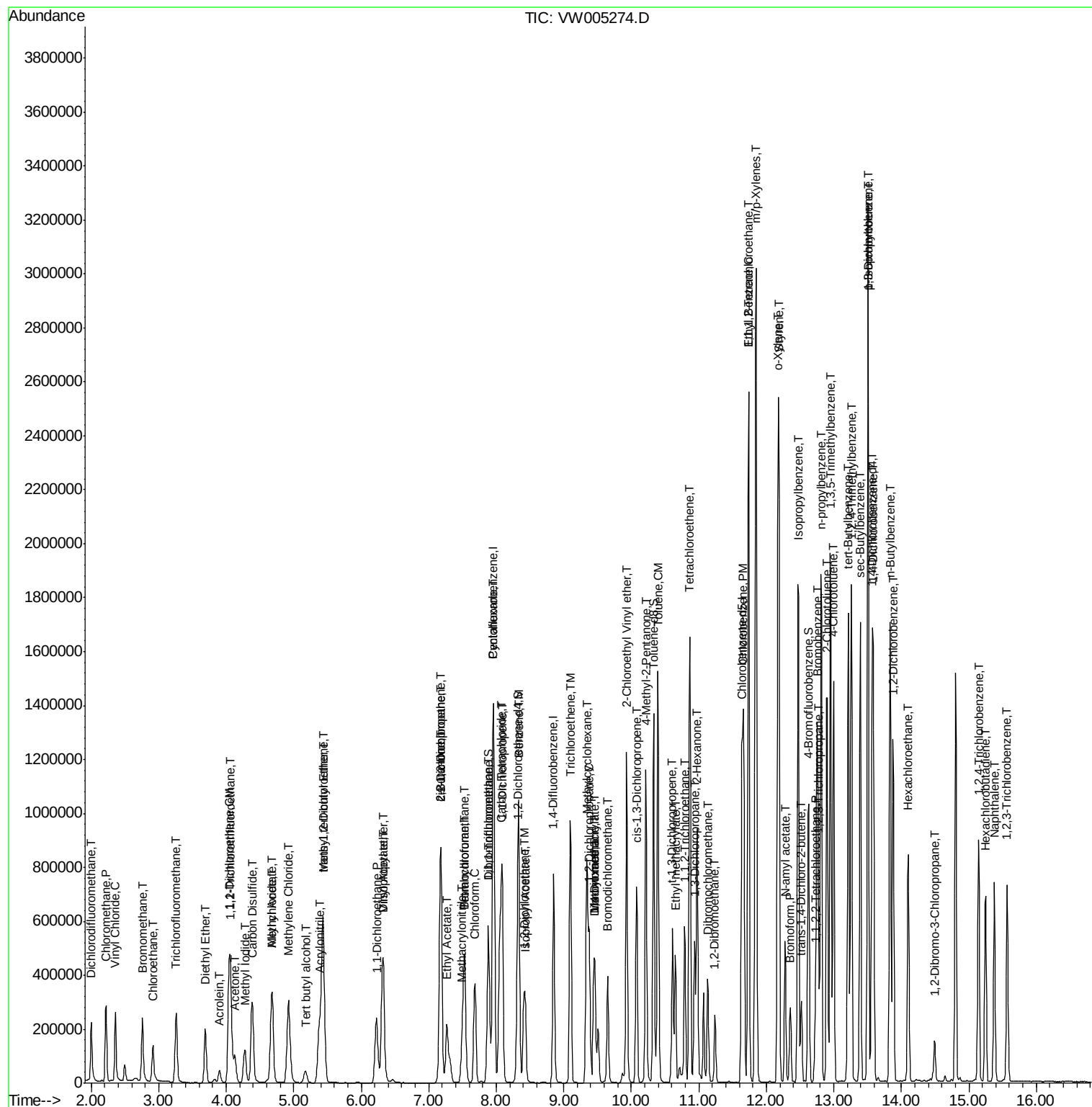
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	316948	40.170	ug/l	98
94) Hexachlorobutadiene	15.25	225	150294	29.746	ug/l	99
95) Naphthalene	15.38	128	667104	52.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	279069	41.104	ug/l	98

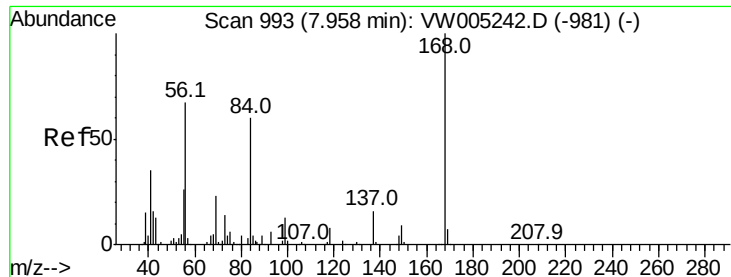
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

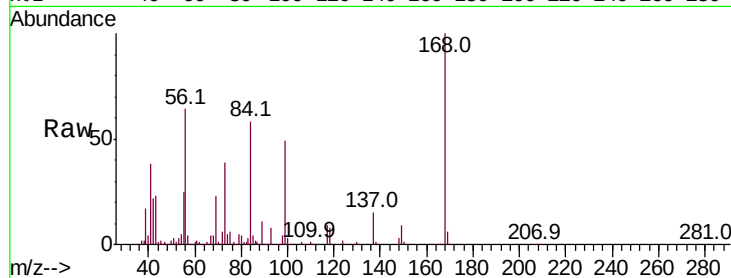
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 493007

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

100000

50000

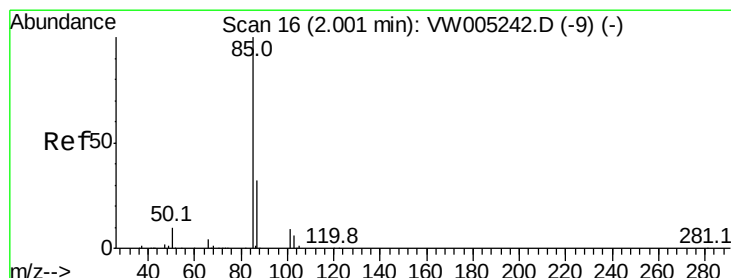
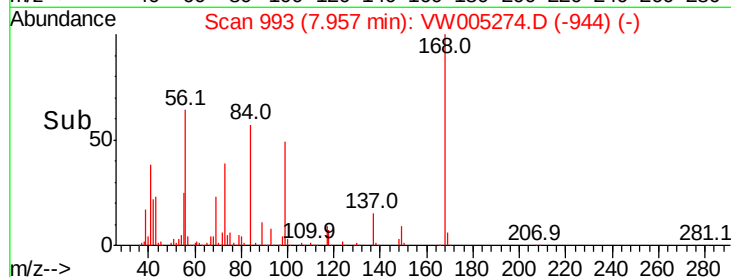
0

7.80

8.00

8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 44.896 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005274.D

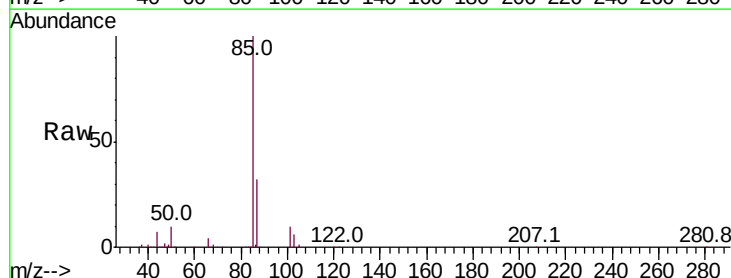
Acq: 11 Sep 2018 14:36

Tgt Ion: 85 Resp: 190934

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

2.00

100000

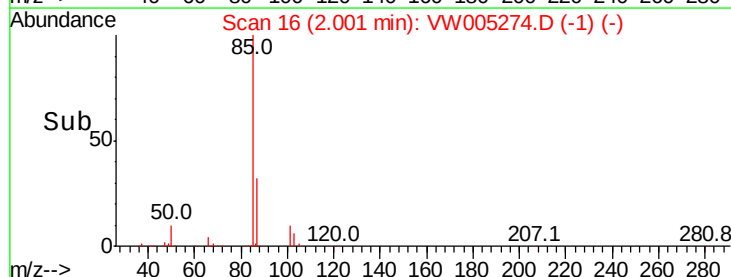
50000

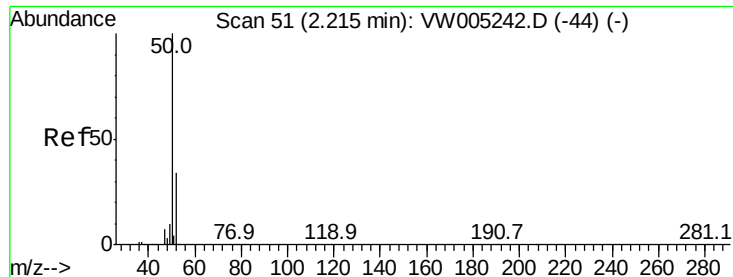
0

1.90

2.10

Time-->





#3

Chloromethane

Concen: 49.129 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

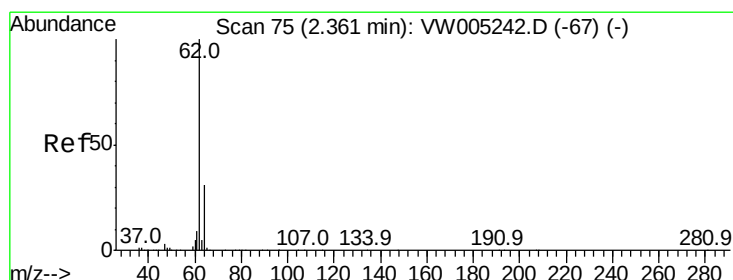
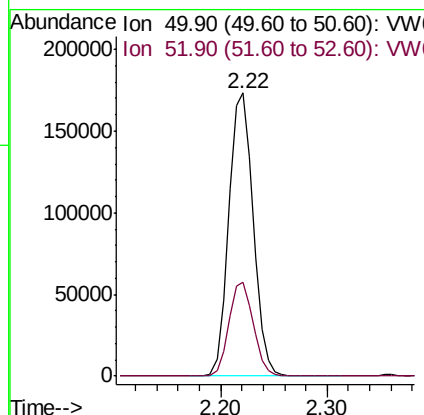
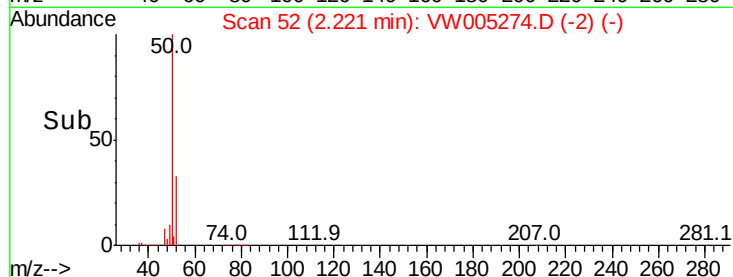
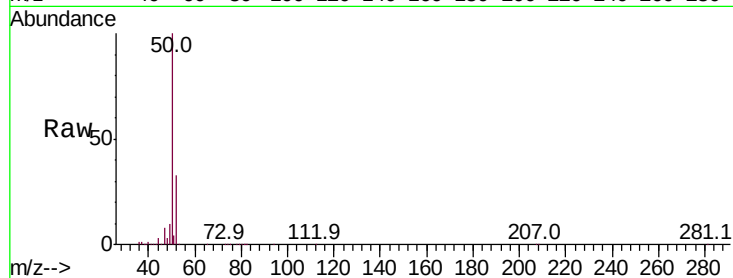
ClientSampleId :

Tot Ion: 50 Resp: 279335

Ion Ratio Lower Upper

50 100

52 33.3 27.0 40.4



#4

Vinyl Chloride

Concen: 49.367 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005274.D

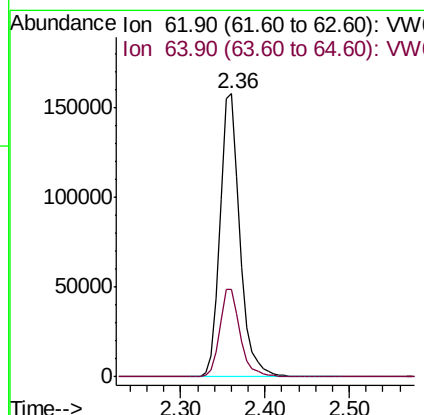
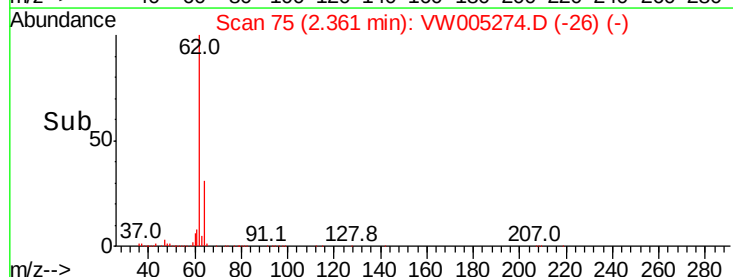
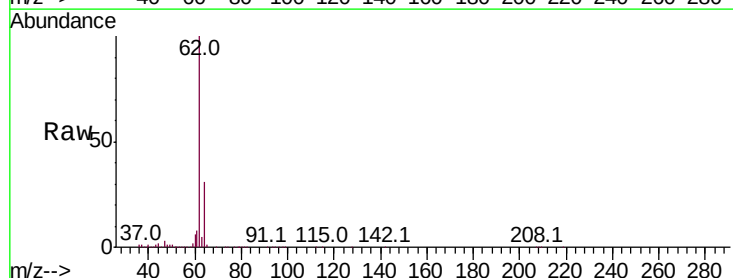
Acq: 11 Sep 2018 14:36

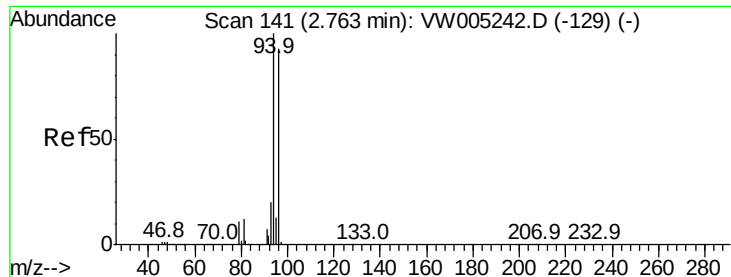
Tgt Ion: 62 Resp: 257683

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 56.757 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

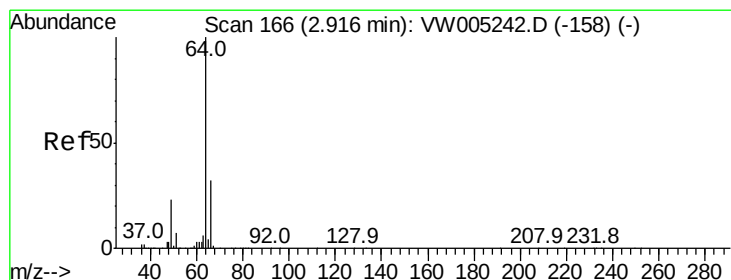
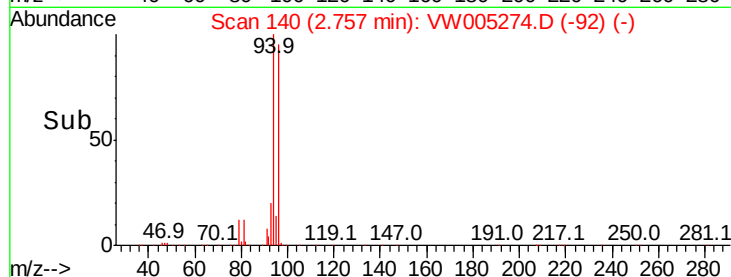
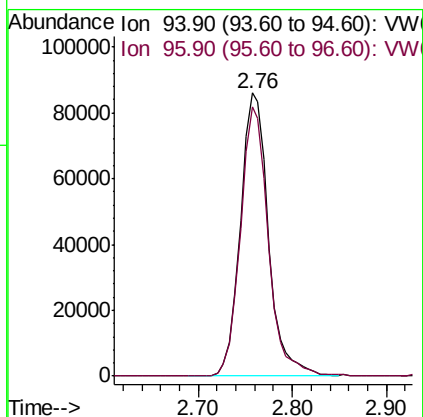
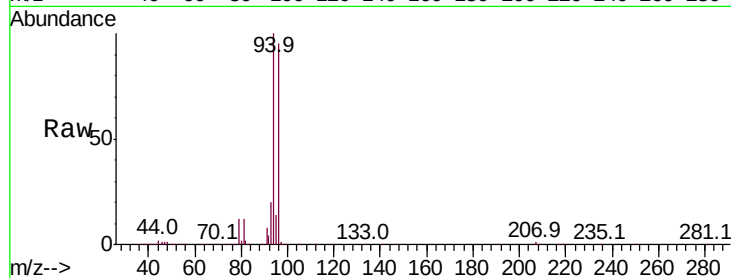
ClientSampleId :

Tot Ion: 94 Resp: 178425

Ion Ratio Lower Upper

94 100

96 95.0 74.1 111.1



#6

Chloroethane

Concen: 49.726 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005274.D

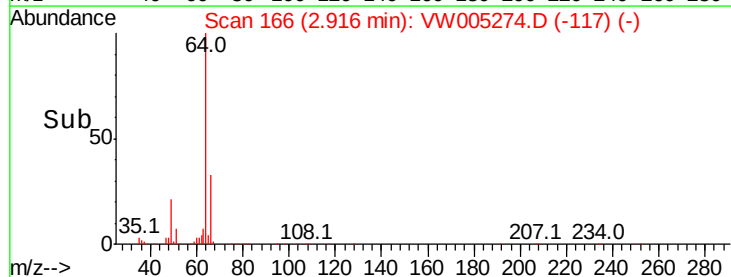
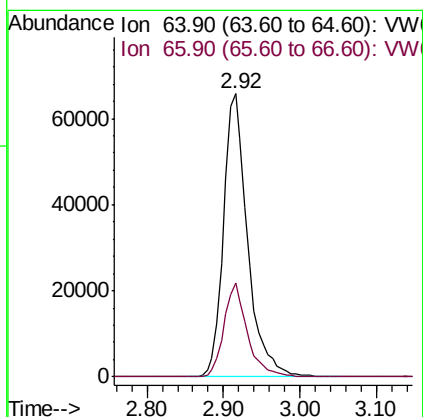
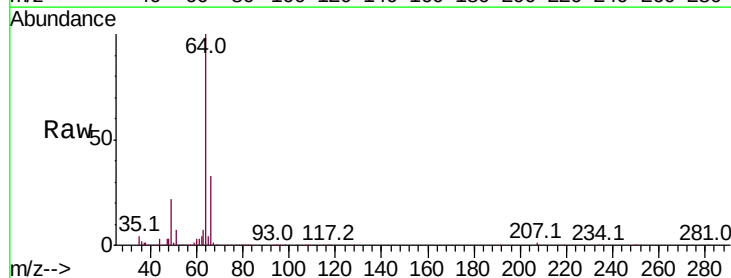
Acq: 11 Sep 2018 14:36

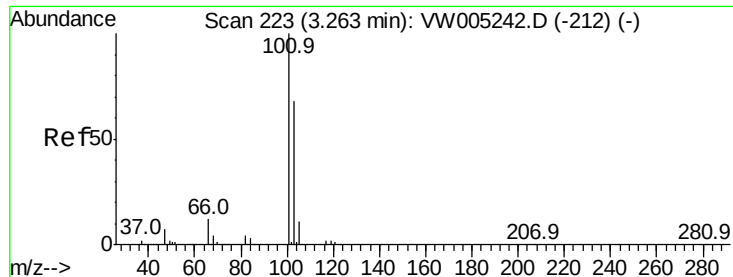
Tgt Ion: 64 Resp: 142975

Ion Ratio Lower Upper

64 100

66 33.0 25.3 37.9



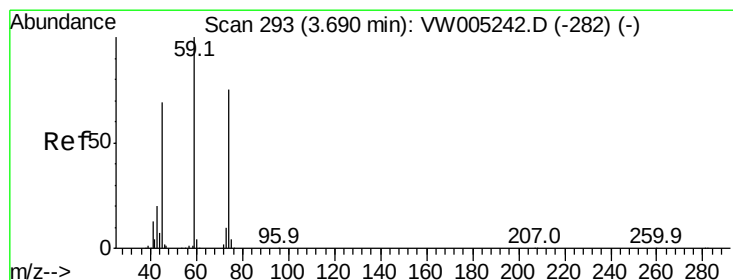
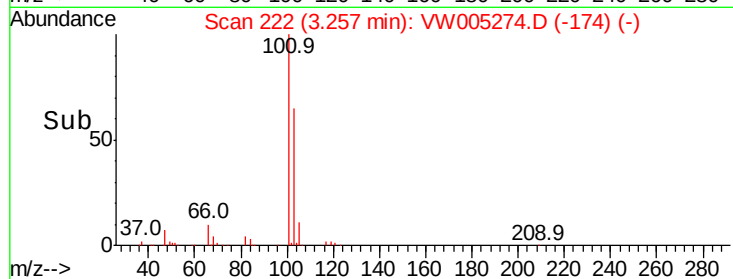
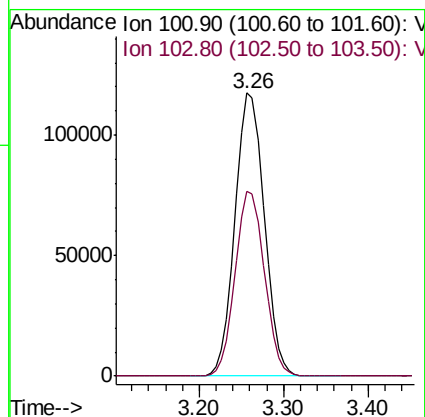
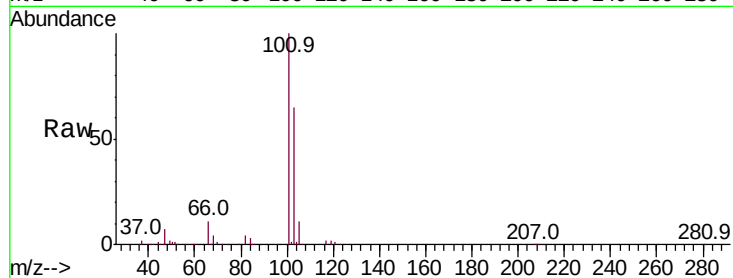


#7

Trichlorofluoromethane
Concen: 46.859 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampled :

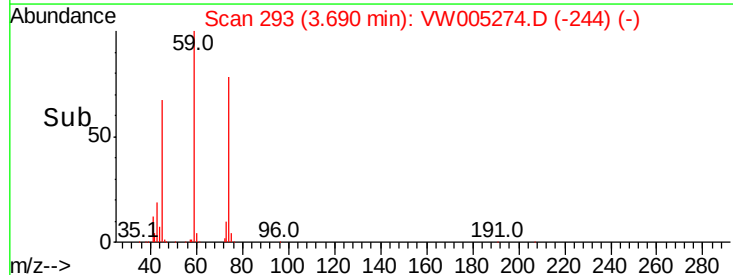
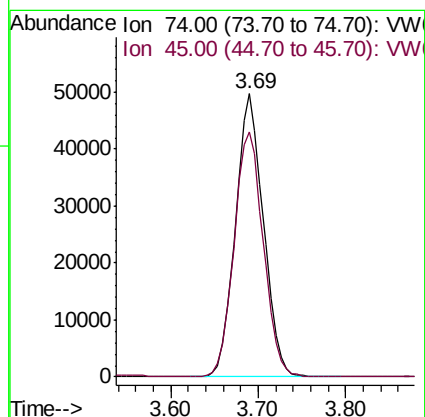
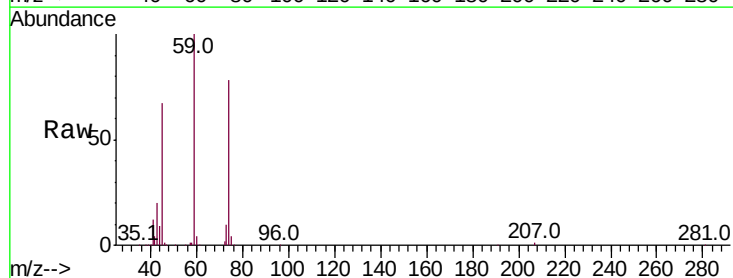
Tot Ion:101 Resp: 276688
Ion Ratio Lower Upper
101 100
103 65.3 54.1 81.1

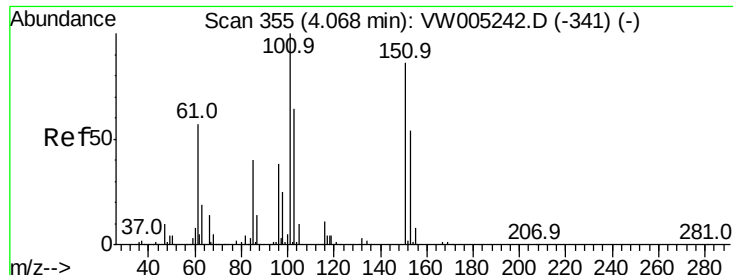


#8

Diethyl Ether
Concen: 52.481 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 74 Resp: 110438
Ion Ratio Lower Upper
74 100
45 90.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.898 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampleId :

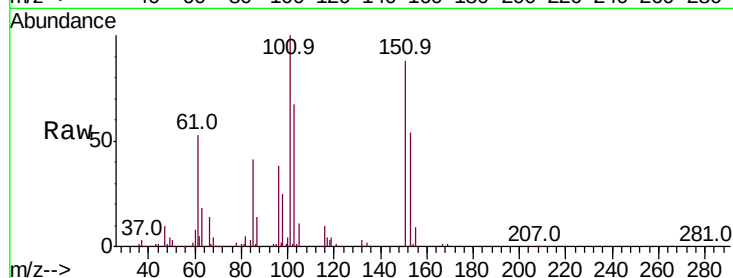
Tot Ion:101 Resp: 189363

Ion Ratio Lower Upper

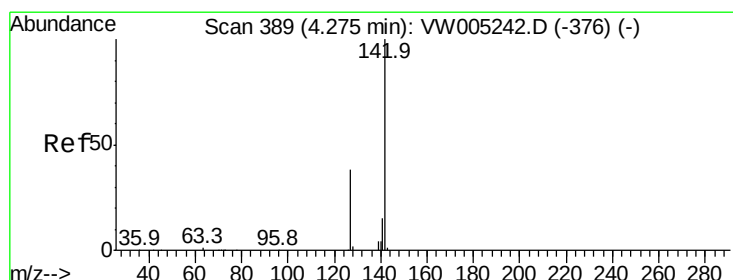
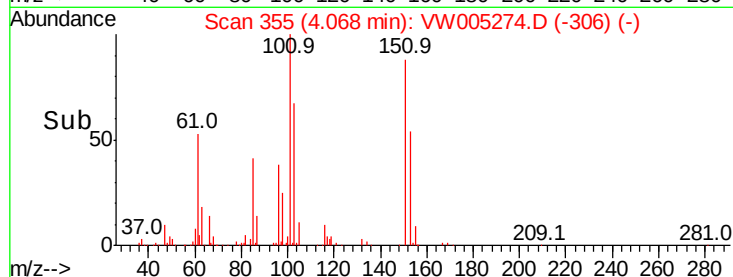
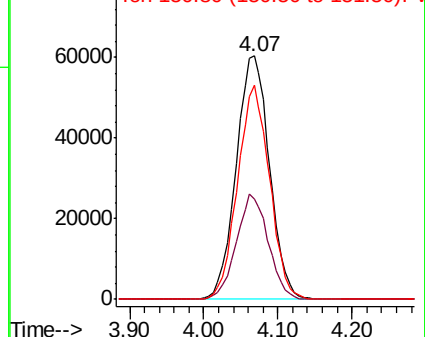
101 100

85 41.2 32.7 49.1

151 84.4 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.652 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

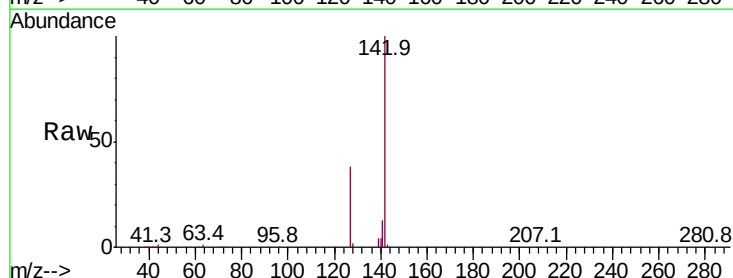
Tgt Ion:142 Resp: 215238

Ion Ratio Lower Upper

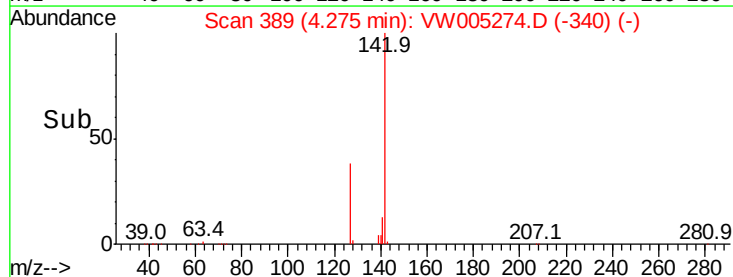
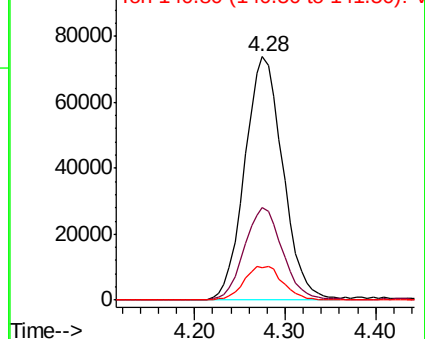
142 100

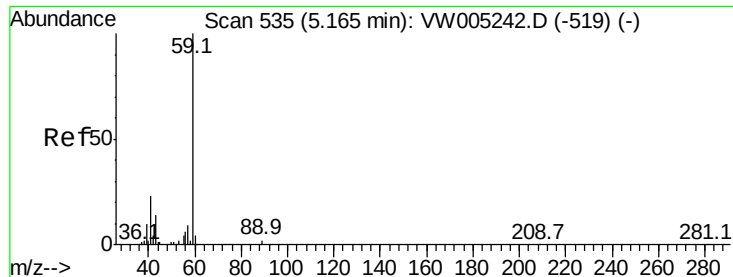
127 38.2 30.3 45.5

141 14.3 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



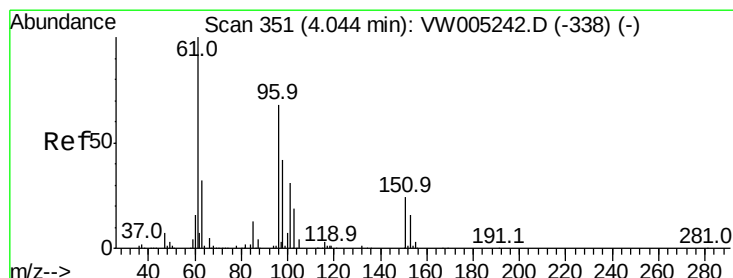
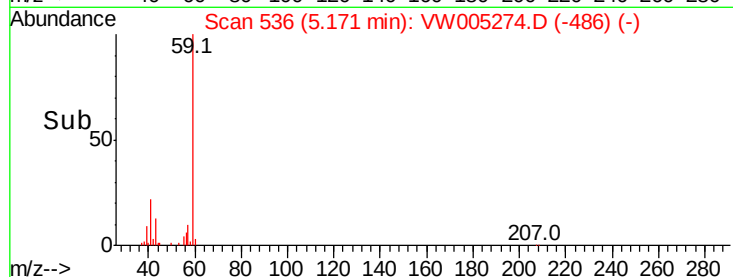
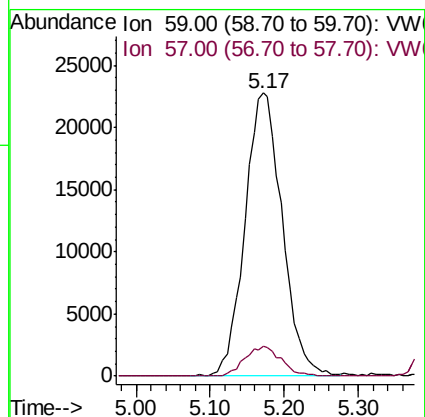
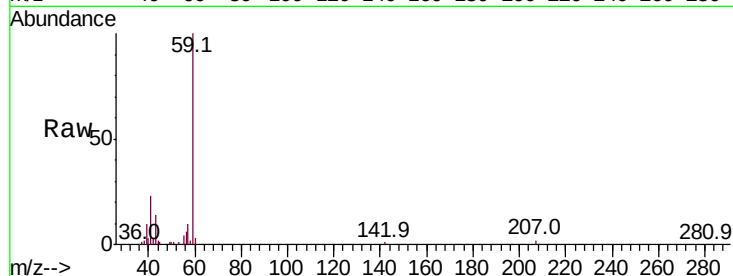


#11

Tert butyl alcohol
 Concen: 265.062 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Instrument :
 MSVOA_W
 ClientSampled :

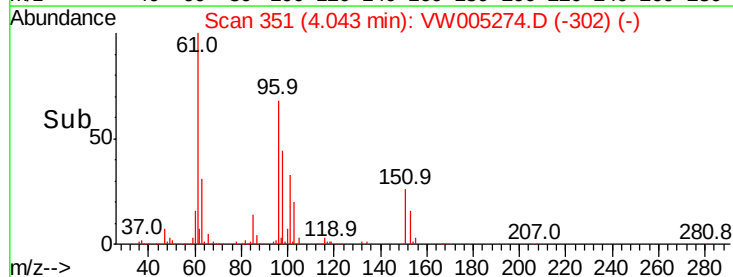
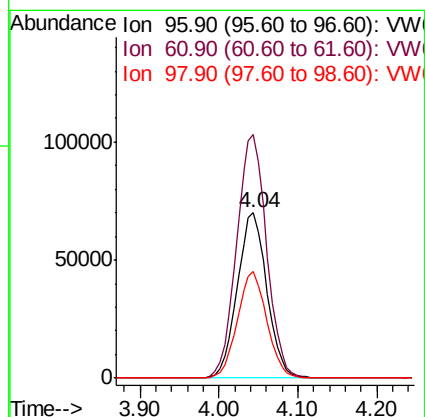
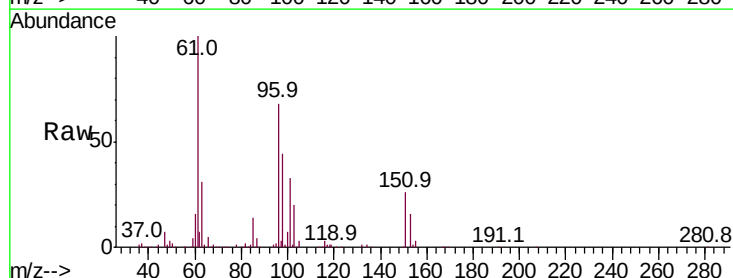
Tot Ion: 59 Resp: 79931
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

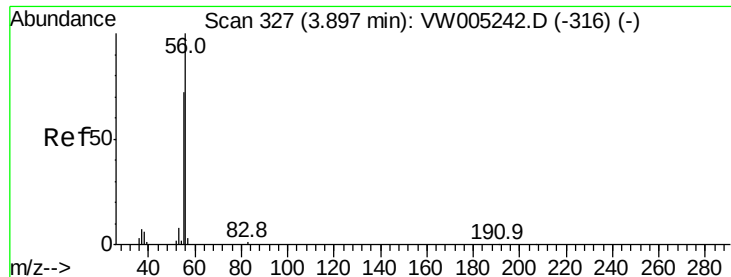


#12

1,1-Dichloroethene
 Concen: 47.209 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion: 96 Resp: 183333
 Ion Ratio Lower Upper
 96 100
 61 147.4 118.2 177.2
 98 64.6 49.9 74.9





#13

Acrolein

Concen: 190.970 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

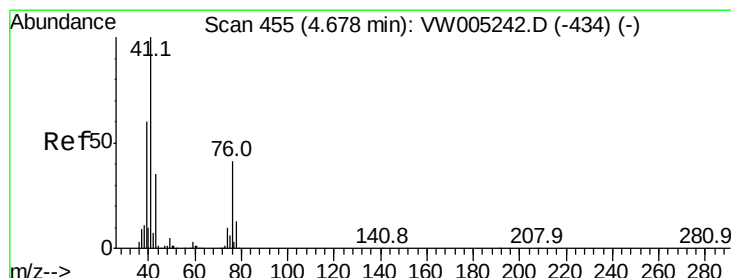
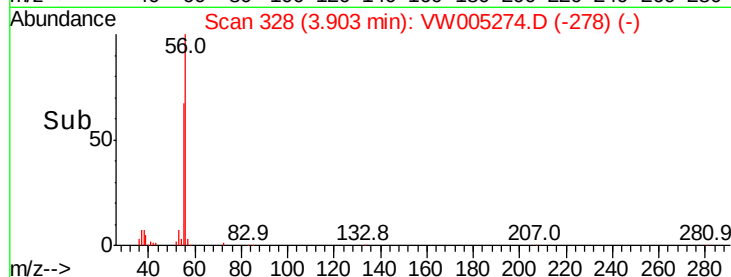
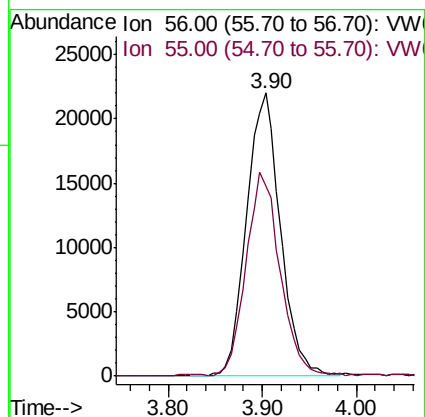
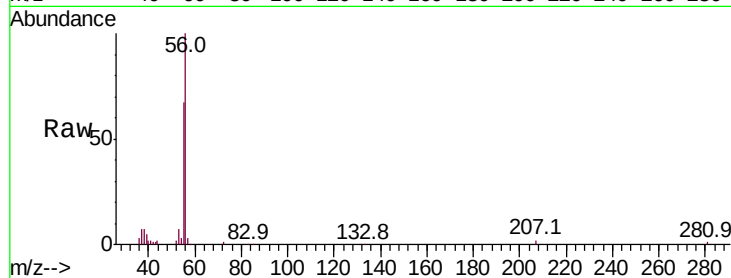
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 55628

Ion Ratio Lower Upper

56 100

55 72.2 56.8 85.2



#14

Allyl chloride

Concen: 48.473 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

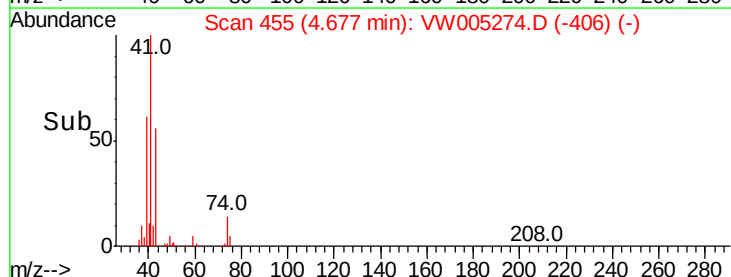
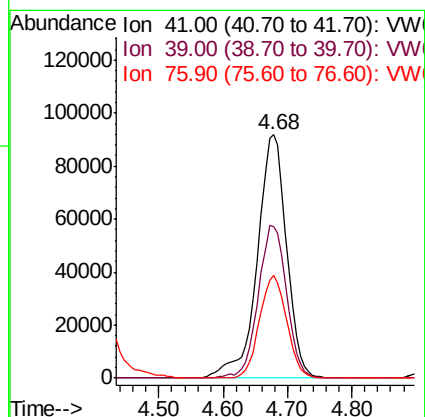
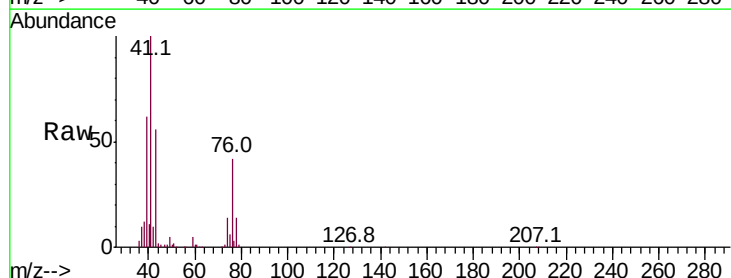
Tgt Ion: 41 Resp: 289245

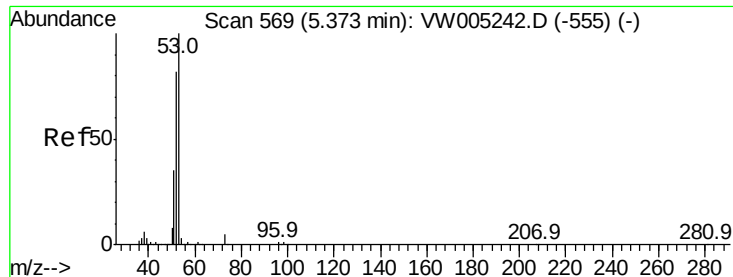
Ion Ratio Lower Upper

41 100

39 60.7 48.2 72.4

76 38.9 31.7 47.5





#15

Acrylonitrile

Concen: 292.122 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampled :

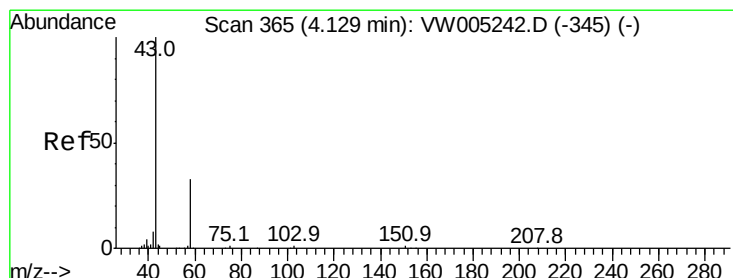
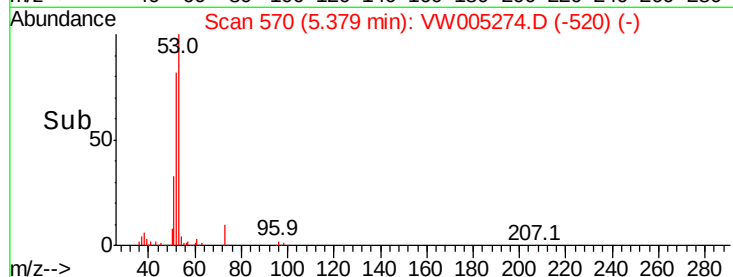
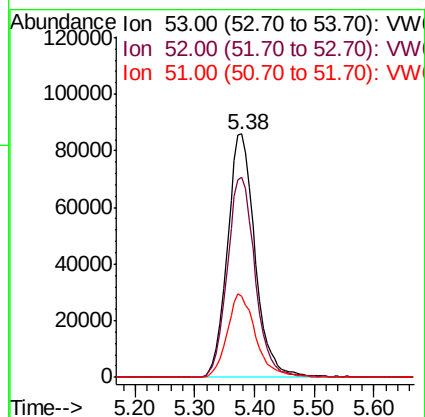
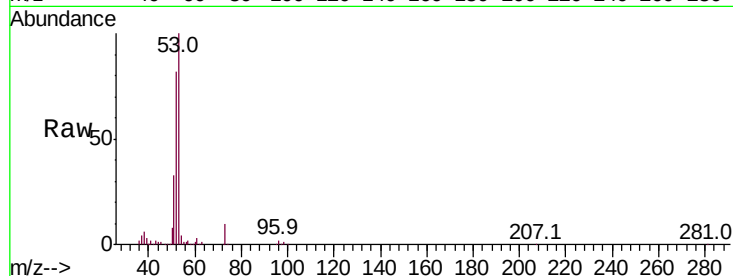
Tot Ion: 53 Resp: 277341

Ion Ratio Lower Upper

53 100

52 82.4 66.0 99.0

51 35.4 28.6 43.0



#16

Acetone

Concen: 238.648 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005274.D

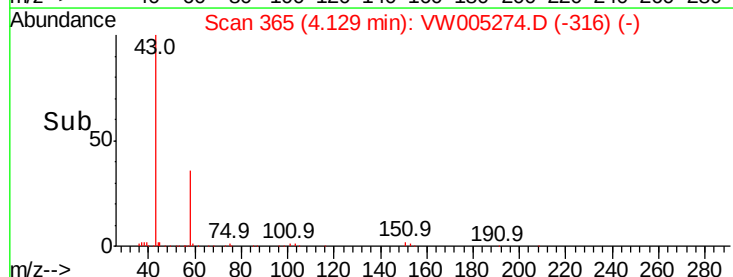
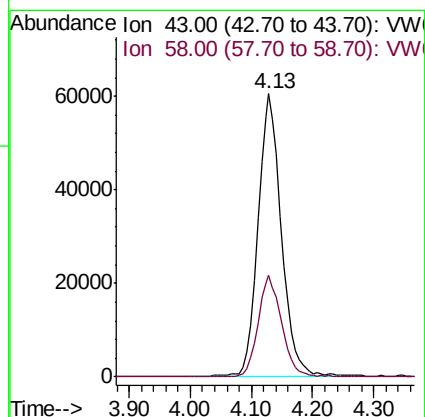
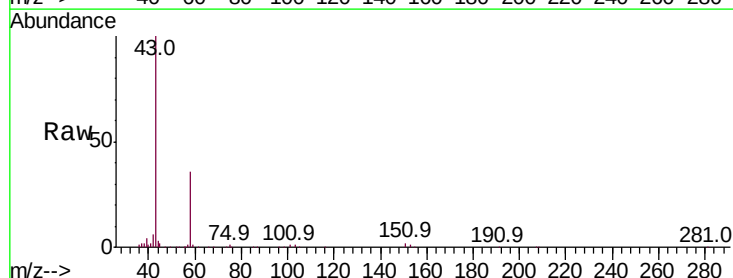
Acq: 11 Sep 2018 14:36

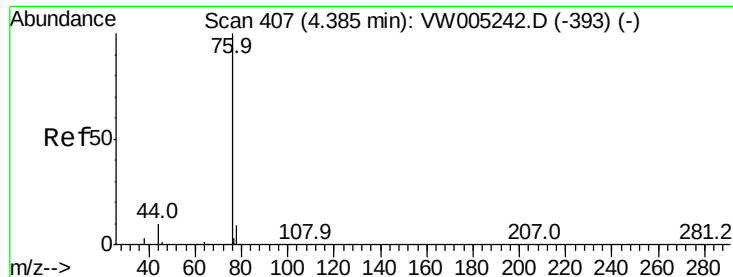
Tgt Ion: 43 Resp: 162886

Ion Ratio Lower Upper

43 100

58 35.8 26.7 40.1





#17

Carbon Disulfide

Concen: 48.904 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

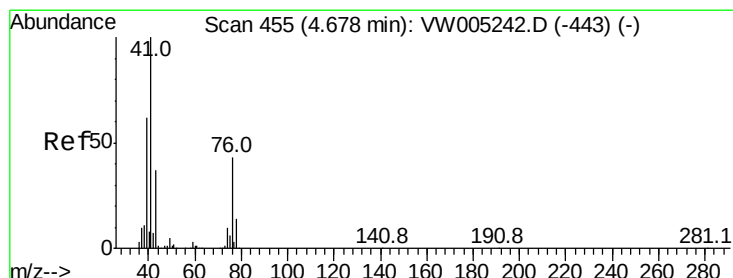
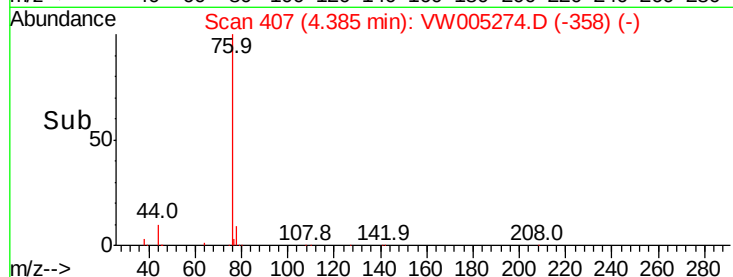
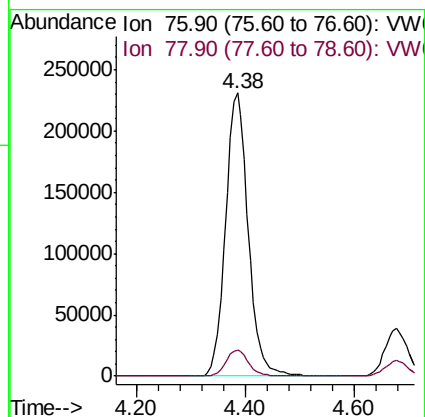
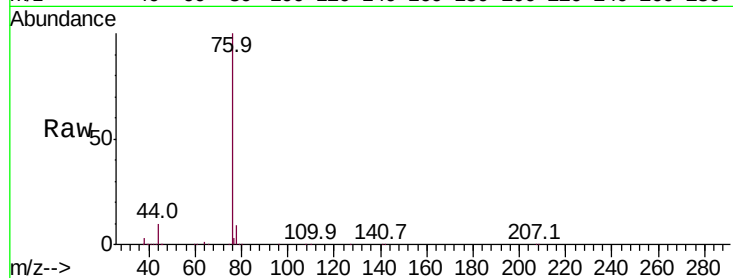
ClientSampleId :

Tot Ion: 76 Resp: 666624

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



#18

Methyl Acetate

Concen: 74.477 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005274.D

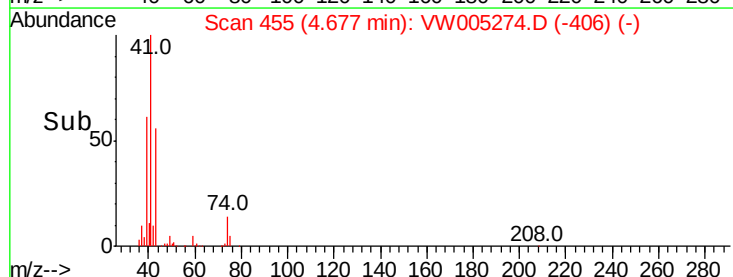
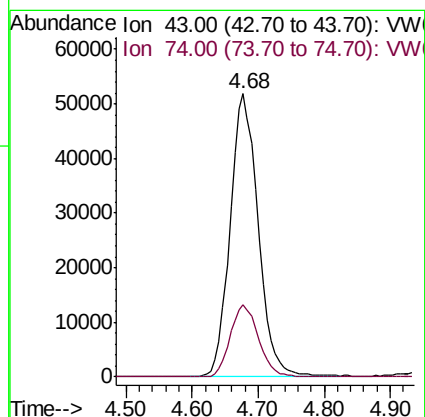
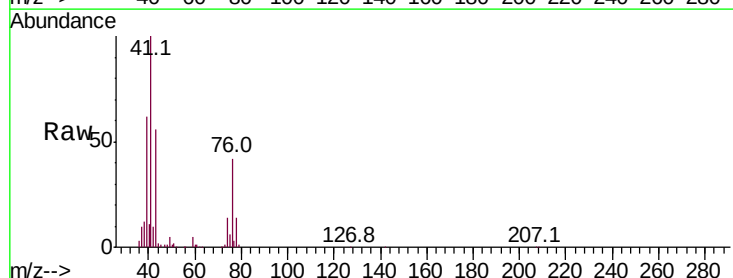
Acq: 11 Sep 2018 14:36

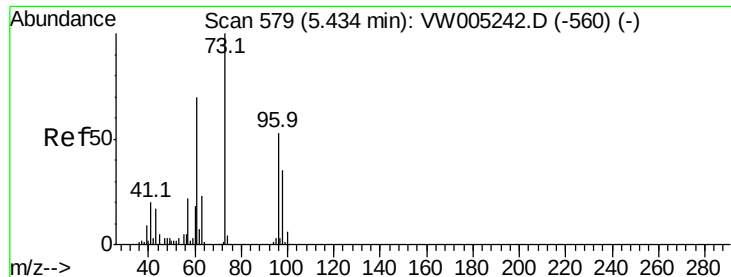
Tgt Ion: 43 Resp: 151744

Ion Ratio Lower Upper

43 100

74 25.7 21.4 32.2

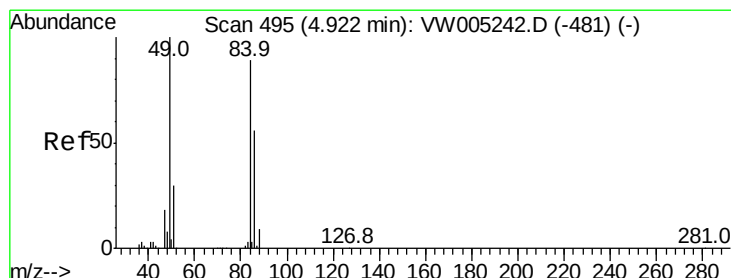
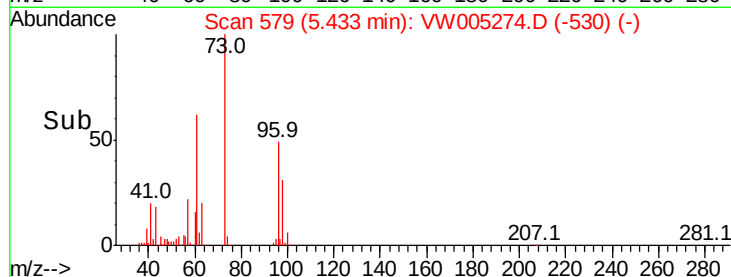
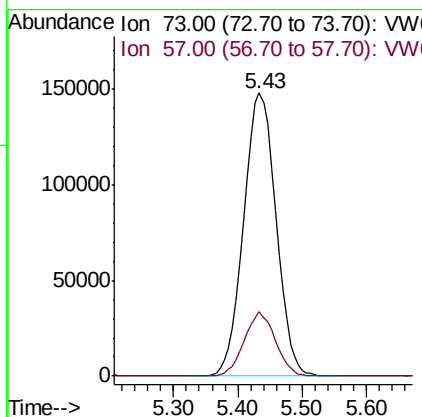
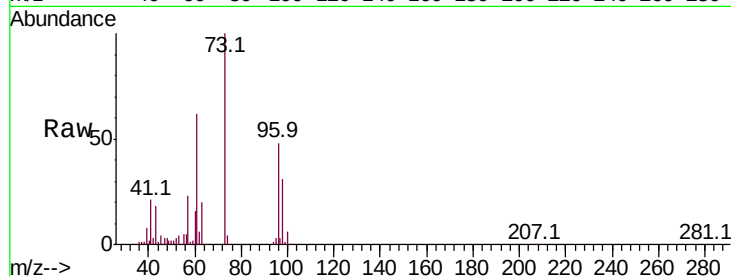




#19
Methyl tert-butyl Ether
Concen: 55.503 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

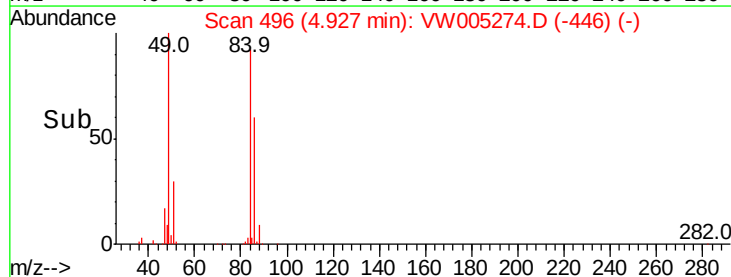
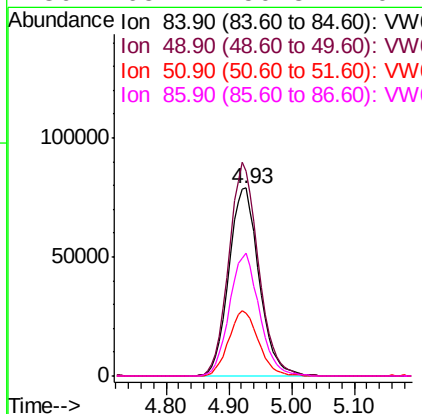
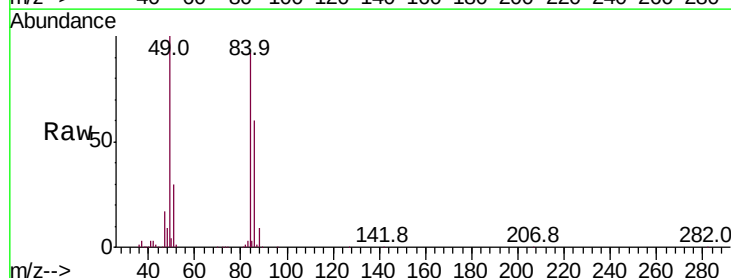
Instrument :
MSVOA_W
ClientSampleId :

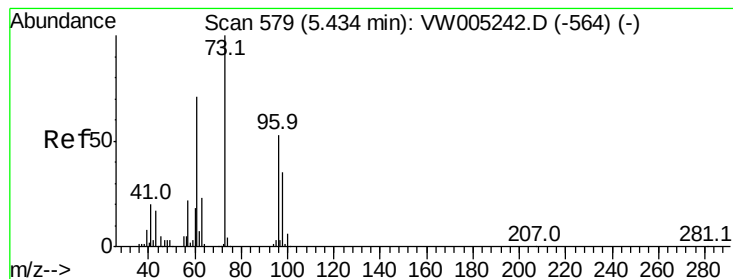
Tot Ion: 73 Resp: 513378
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#20
Methylene Chloride
Concen: 52.324 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 84 Resp: 264637
Ion Ratio Lower Upper
84 100
49 109.3 90.3 135.5
51 33.2 26.9 40.3
86 65.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 47.185 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampleId :

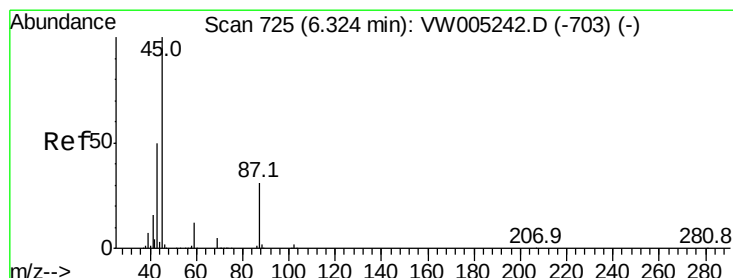
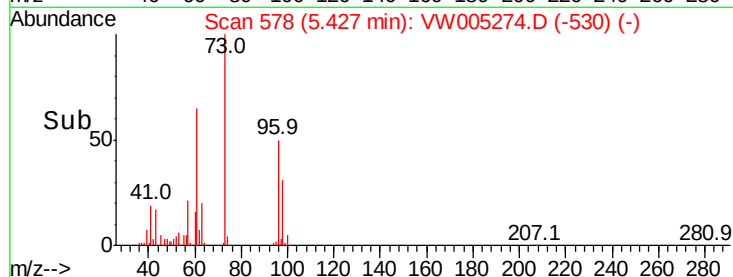
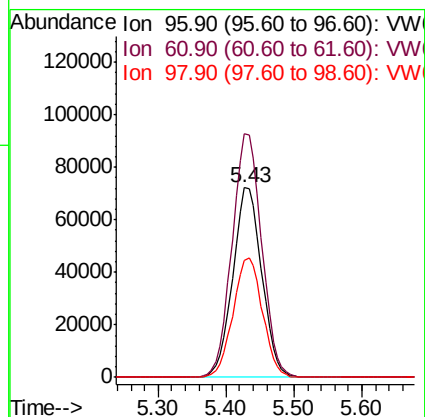
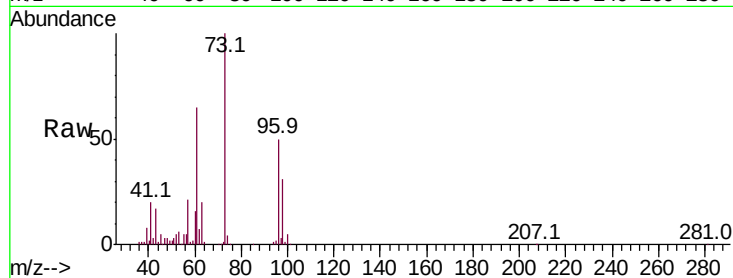
Tot Ion: 96 Resp: 213948

Ion Ratio Lower Upper

96 100

61 128.6 105.7 158.5

98 61.7 52.8 79.2



#22

Diisopropyl ether

Concen: 49.849 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Tgt Ion: 45 Resp: 598842

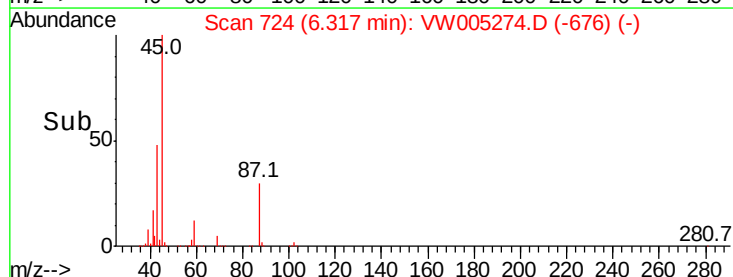
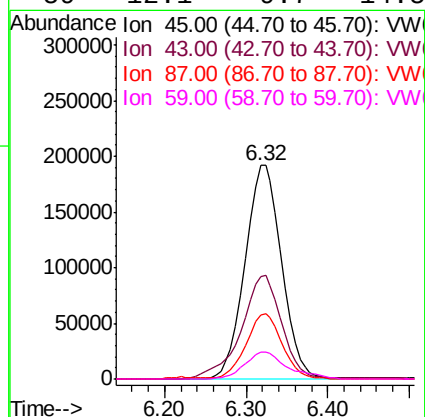
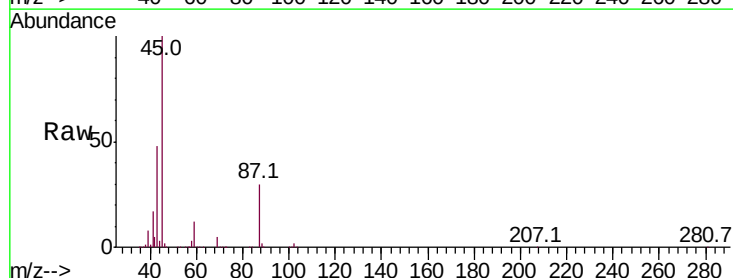
Ion Ratio Lower Upper

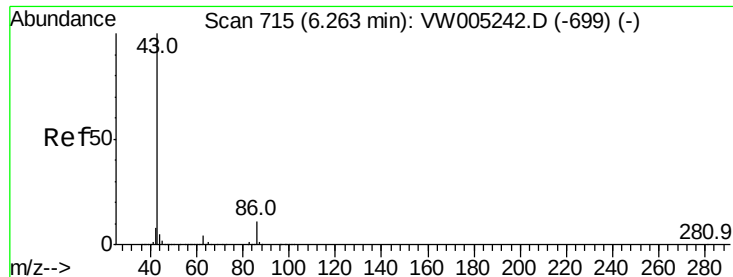
45 100

43 47.6 39.6 59.4

87 29.5 24.7 37.1

59 12.1 9.7 14.5





#23

Vinyl Acetate

Concen: 47.952 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.06 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

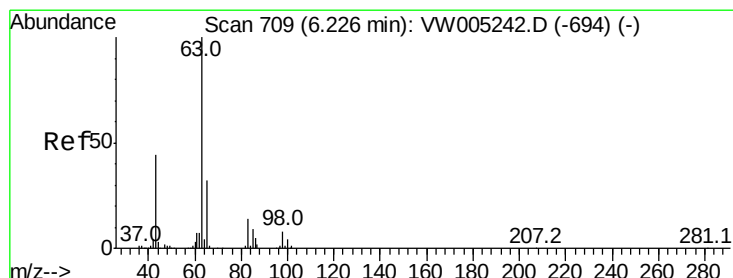
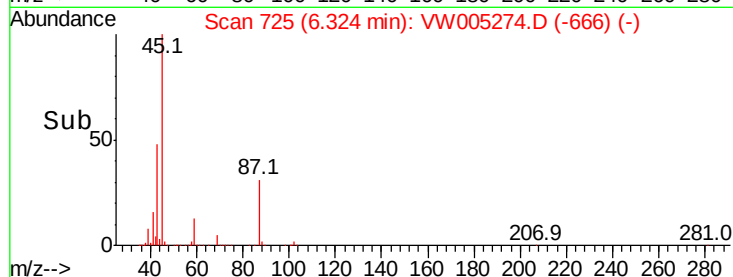
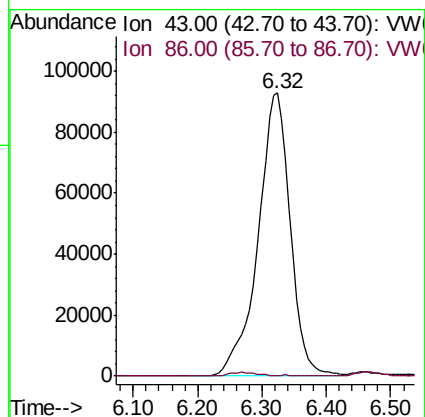
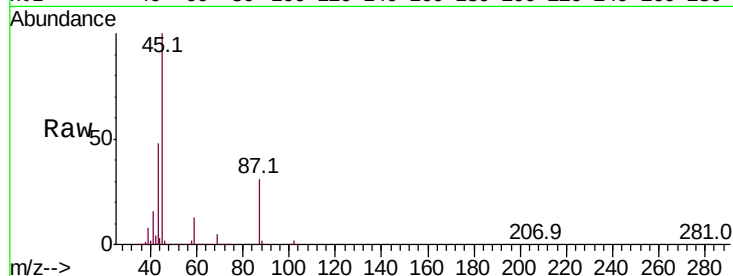
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 321029

Ion Ratio Lower Upper

43 100

86 0.0 8.9 13.3#



#24

1,1-Dichloroethane

Concen: 48.859 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

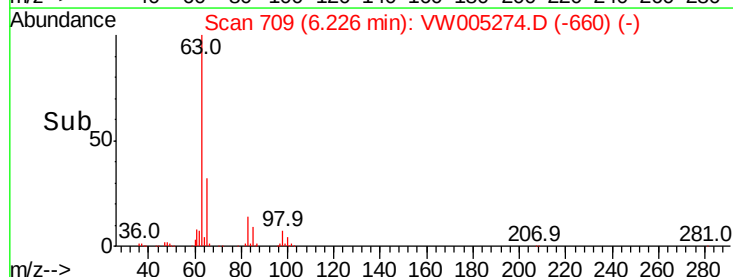
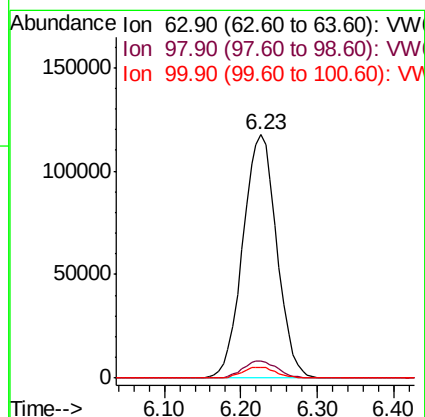
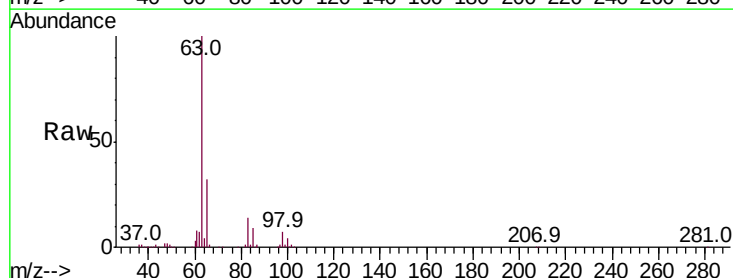
Tgt Ion: 63 Resp: 361303

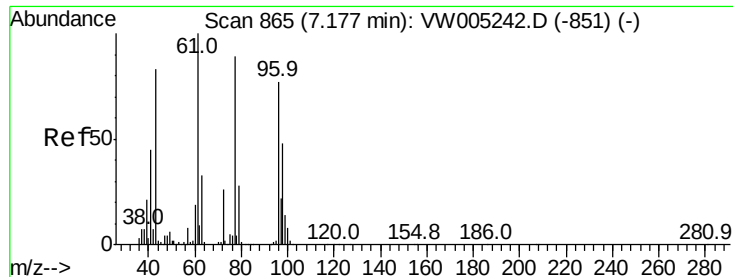
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.5 2.2 6.6

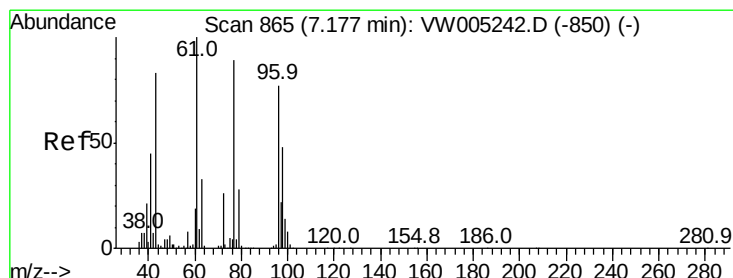
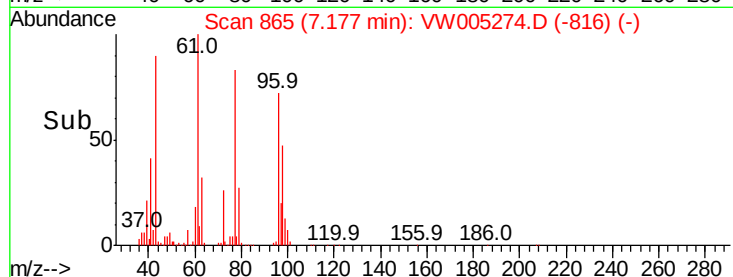
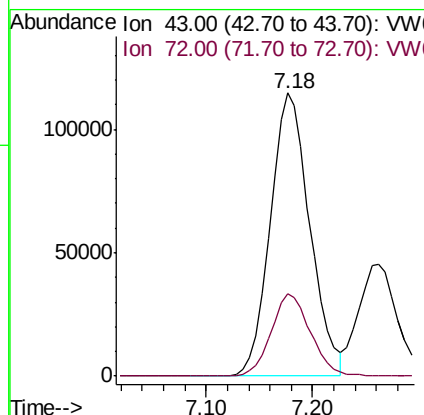
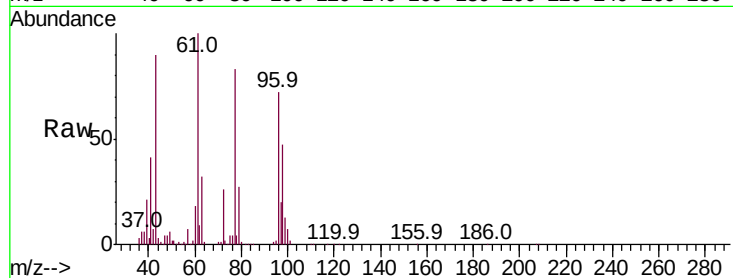




#25
2-Butanone
Concen: 273.527 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

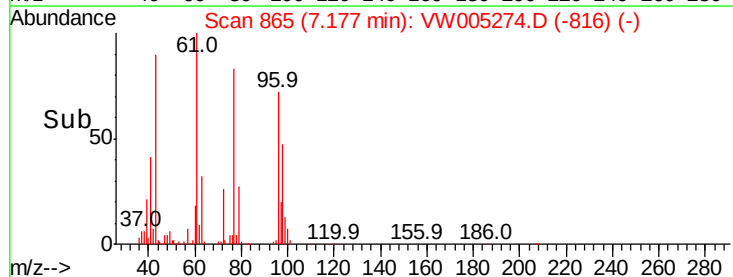
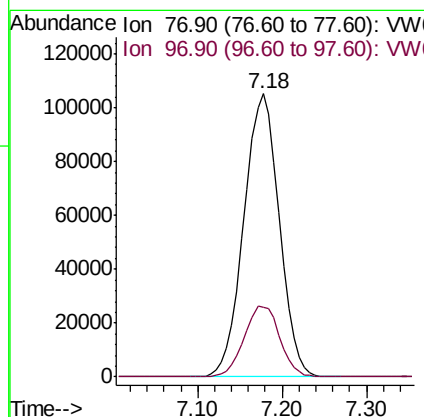
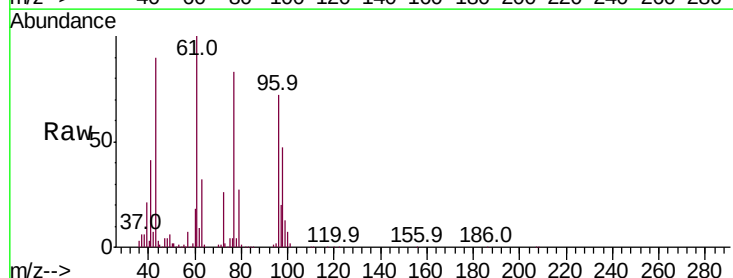
Instrument :
MSVOA_W
ClientSampled :

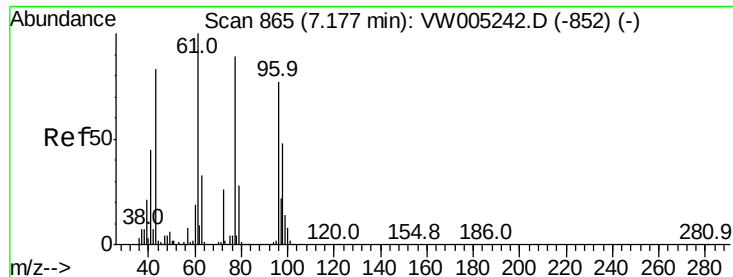
Tot Ion: 43 Resp: 294480
Ion Ratio Lower Upper
43 100
72 29.1 25.0 37.6



#26
2,2-Dichloropropane
Concen: 46.763 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 77 Resp: 299817
Ion Ratio Lower Upper
77 100
97 25.3 12.2 36.6



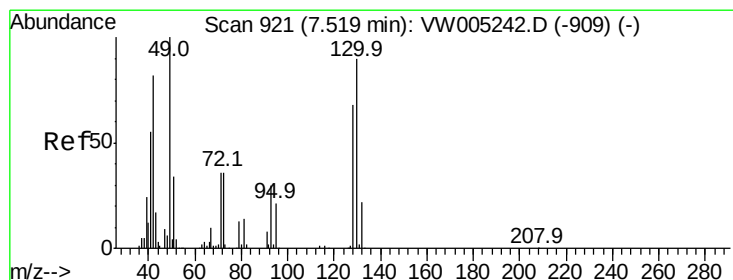
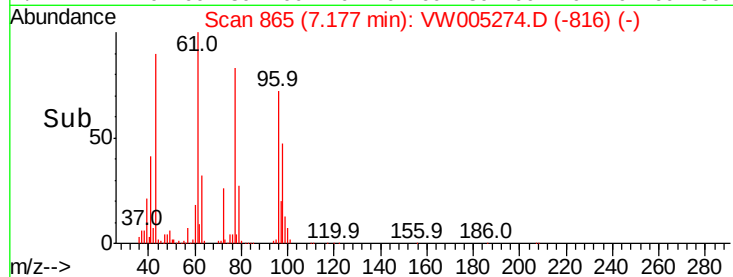
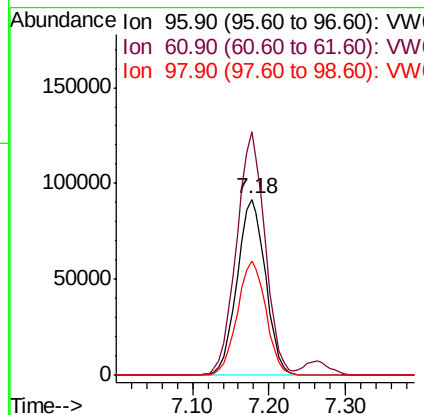
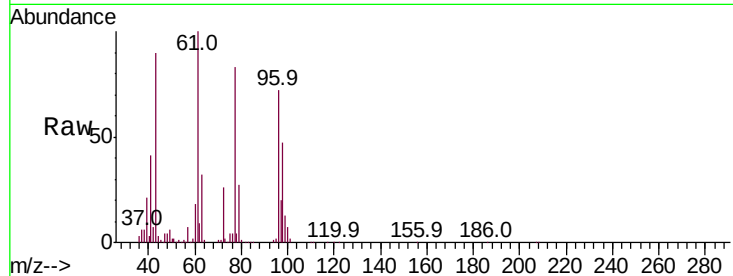


#27

cis-1,2-Dichloroethene
Concen: 48.702 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampled :

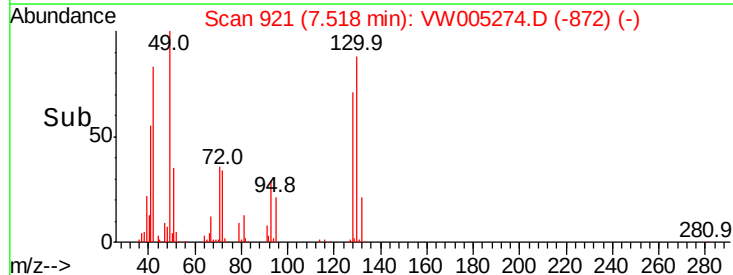
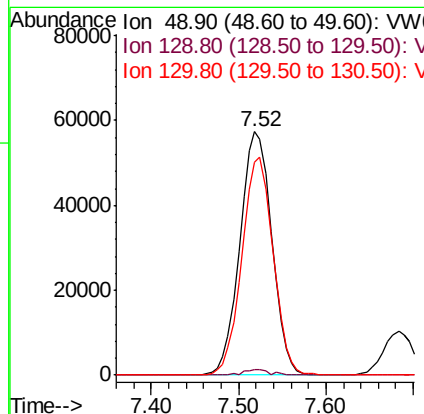
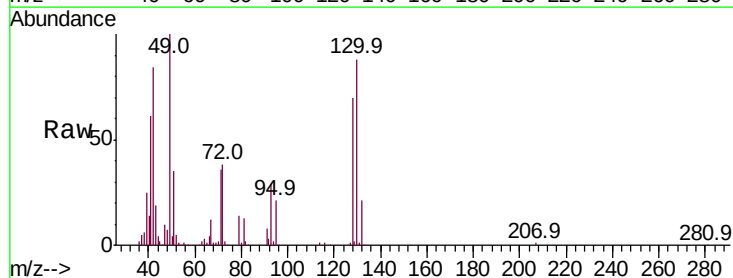
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	273.4
98	65.3	0.0	127.8

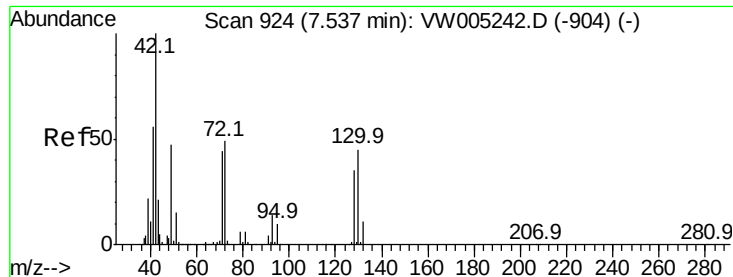


#28

Bromochloromethane
Concen: 53.368 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.0
130	87.6	71.2	106.8

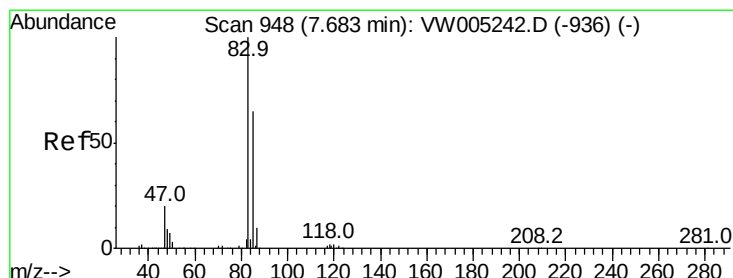
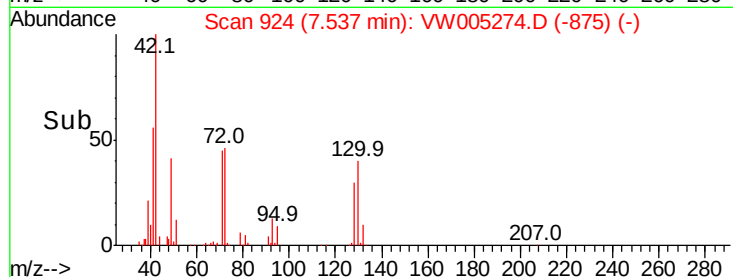
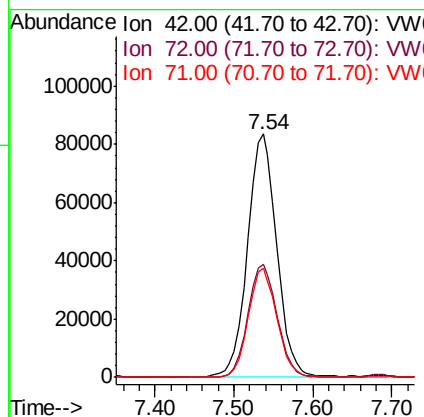
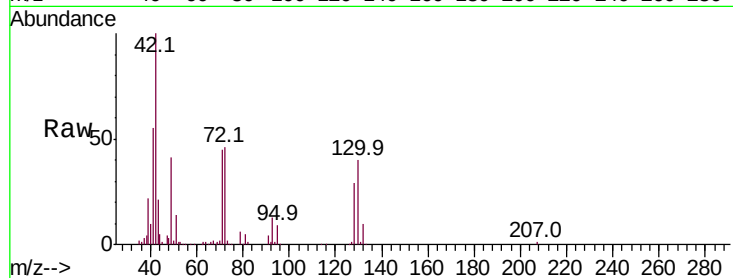




#29
Tetrahydrofuran
Concen: 296.015 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

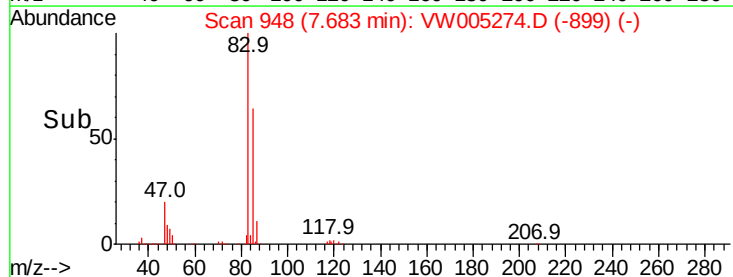
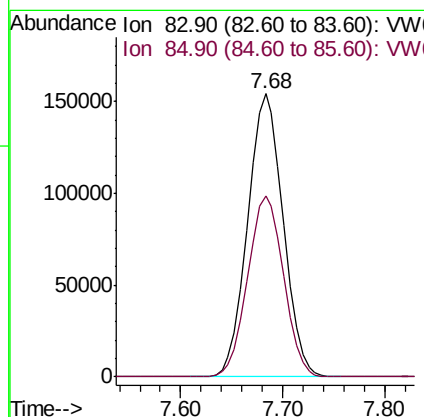
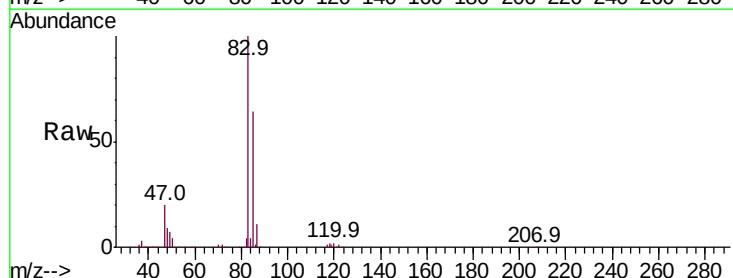
Instrument :
MSVOA_W
ClientSampled :

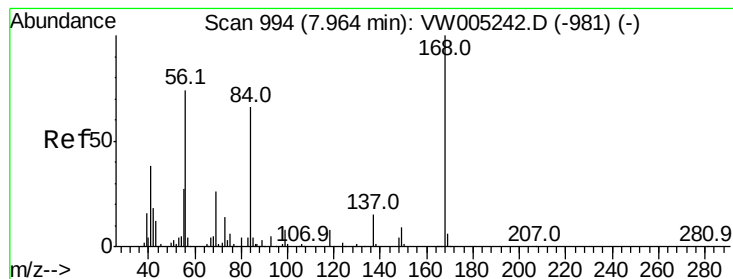
Tot Ion: 42 Resp: 214765
Ion Ratio Lower Upper
42 100
72 46.5 37.5 56.3
71 43.9 34.8 52.2



#30
Chloroform
Concen: 50.347 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 83 Resp: 373633
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5





#31

Cyclohexane

Concen: 45.990 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampleId :

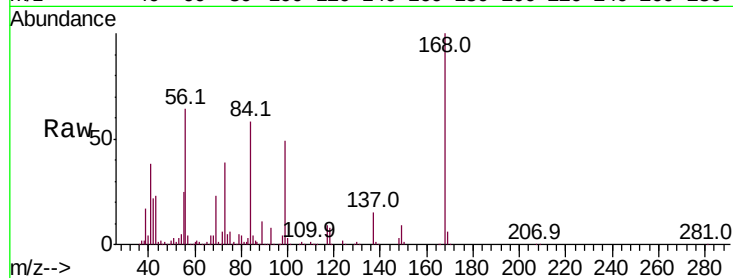
Tot Ion: 56 Resp: 361869

Ion Ratio Lower Upper

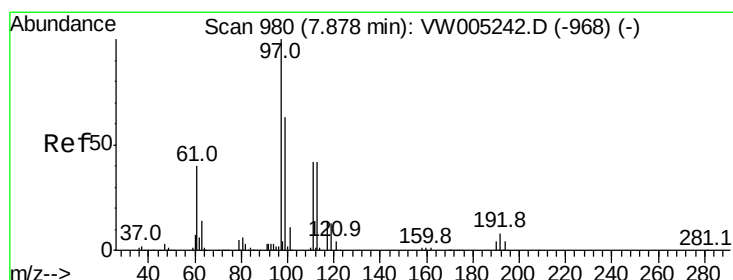
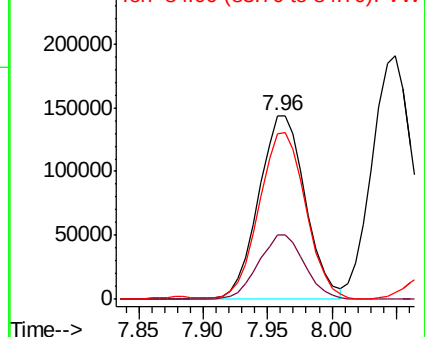
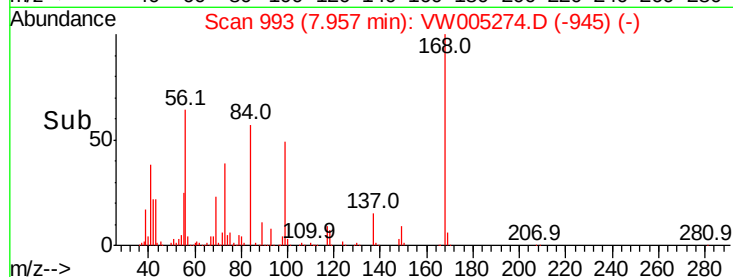
56 100

69 35.1 27.8 41.8

84 89.0 72.1 108.1



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



#32

1,1,1-Trichloroethane

Concen: 48.440 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

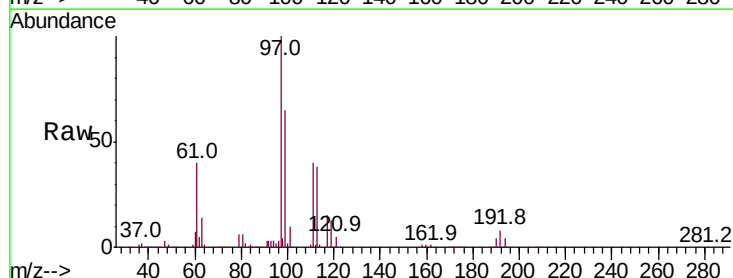
Tgt Ion: 97 Resp: 324758

Ion Ratio Lower Upper

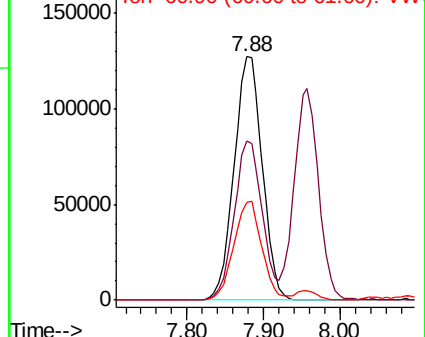
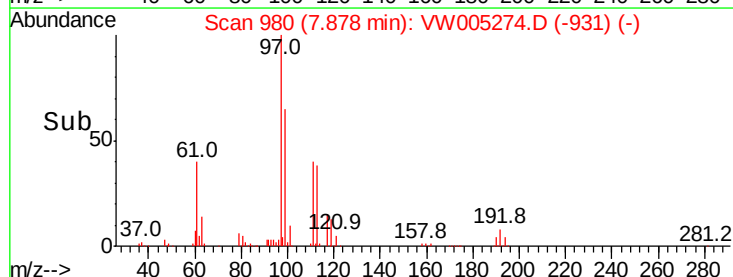
97 100

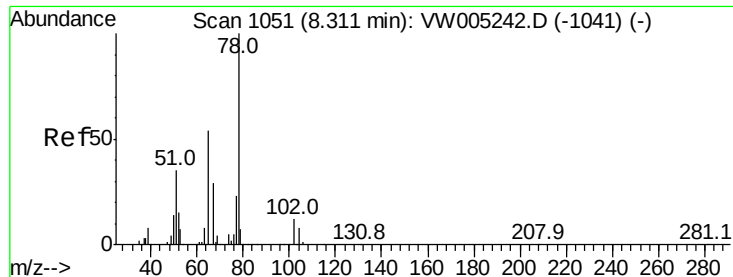
99 65.2 51.5 77.3

61 40.3 32.5 48.7



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

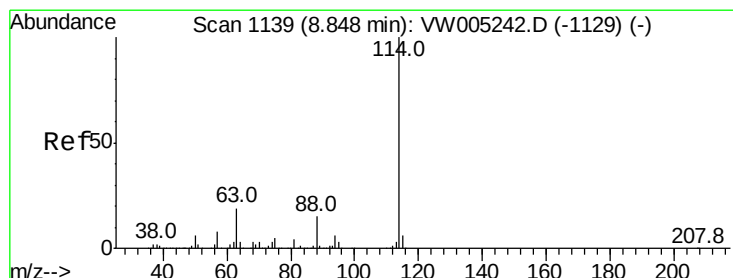
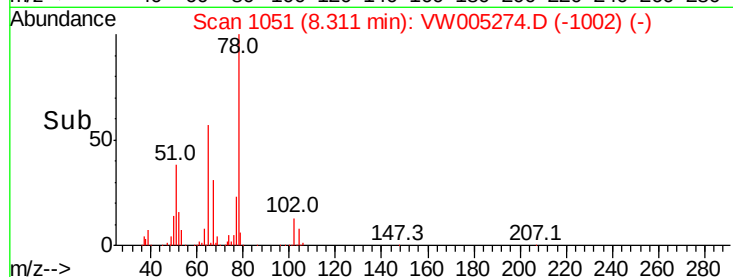
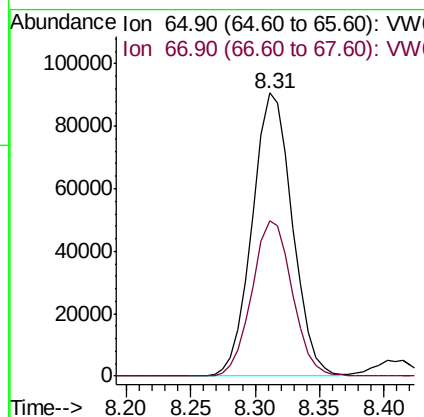
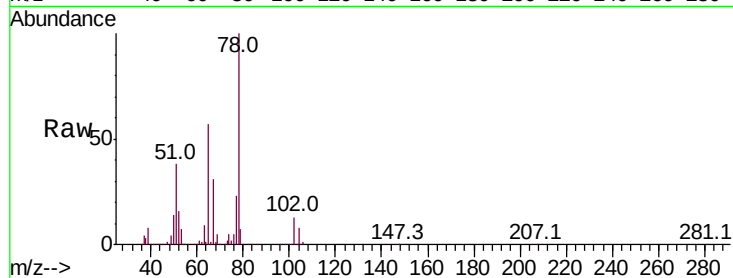




#33
 1,2-Dichloroethane-d4
 Concen: 53.125 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

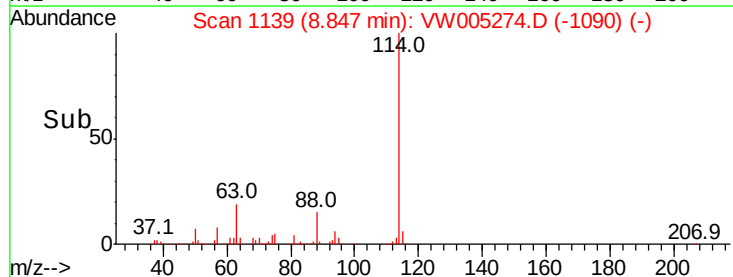
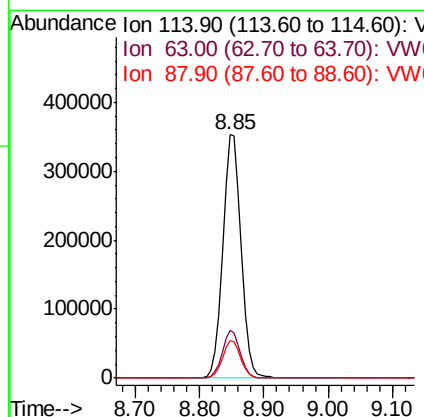
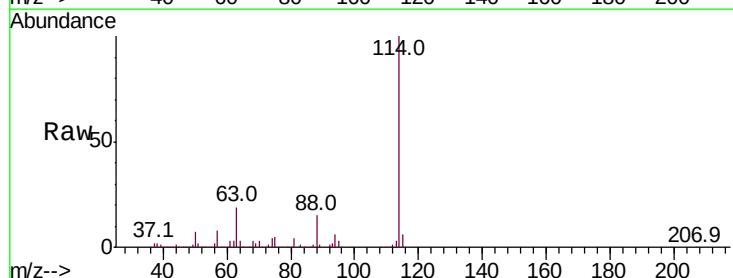
Instrument :
 MSVOA_W
 ClientSampled :

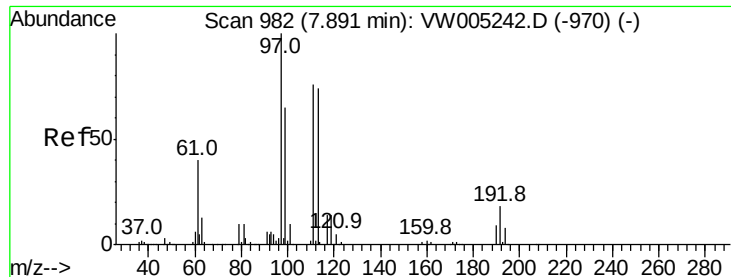
Tot Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.0
88	15.2	0.0	30.4

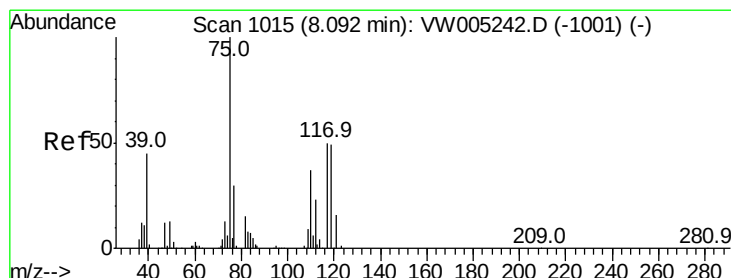
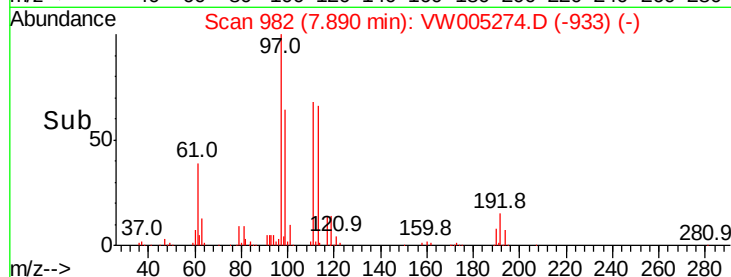
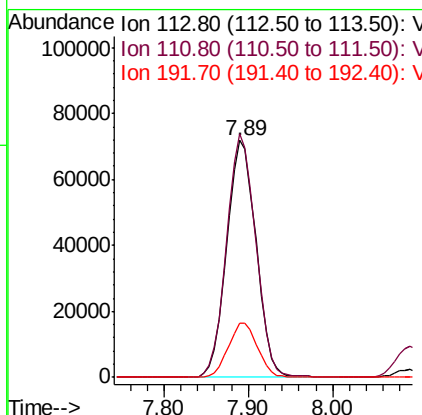
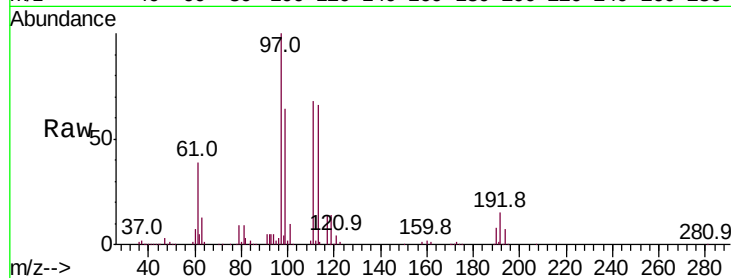




#35
 Dibromofluoromethane
 Concen: 45.926 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

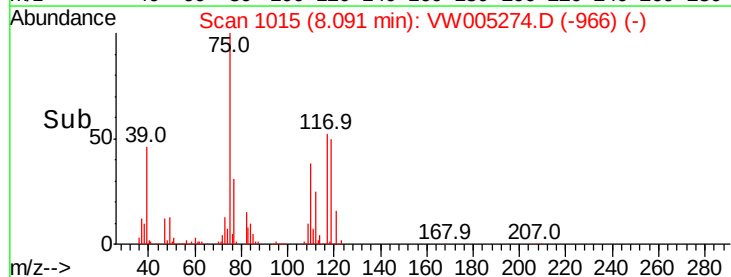
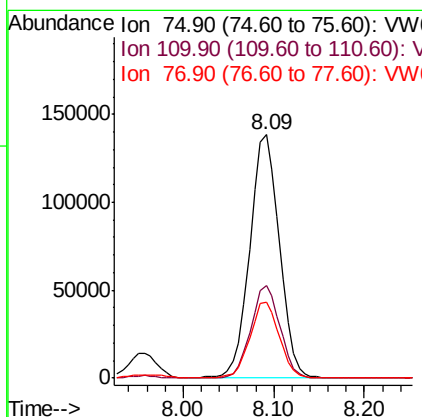
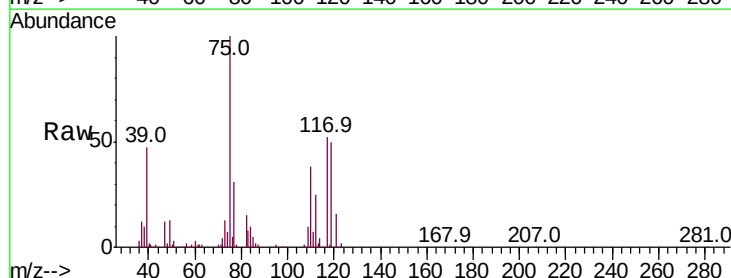
Instrument :
 MSVOA_W
 ClientSampleId :

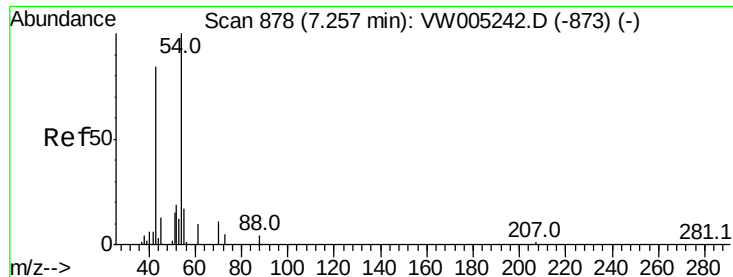
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.6	121.0
192	22.8	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 48.186 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.8	56.4
77	31.3	24.9	37.3

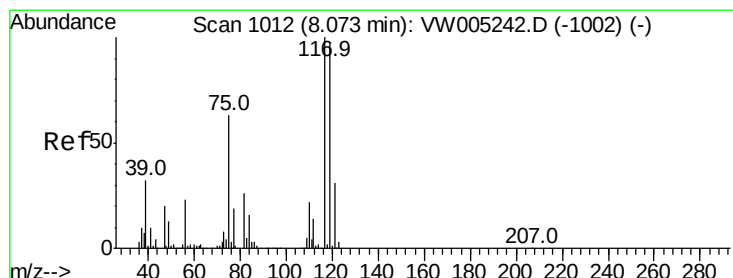
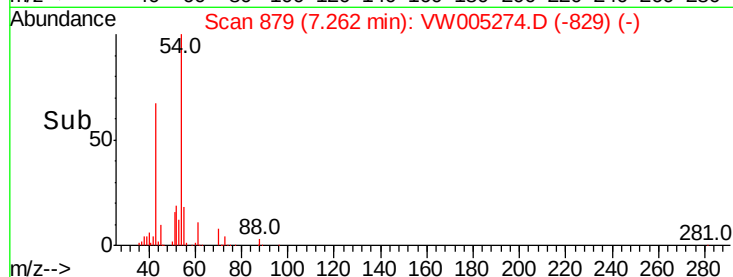
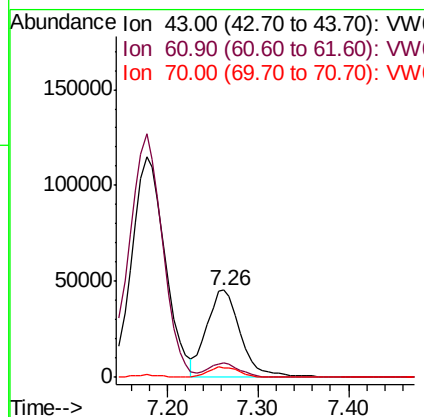
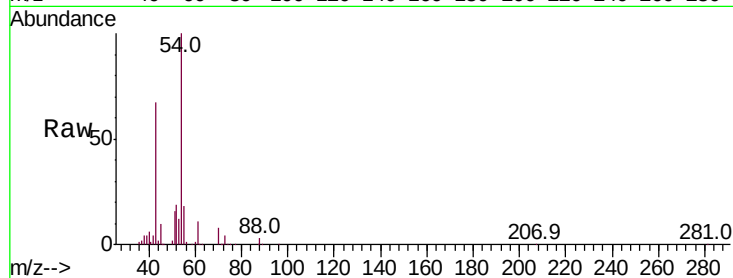




#37
Ethyl Acetate
Concen: 47.910 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

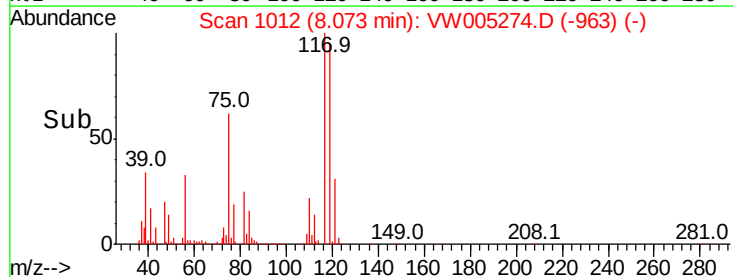
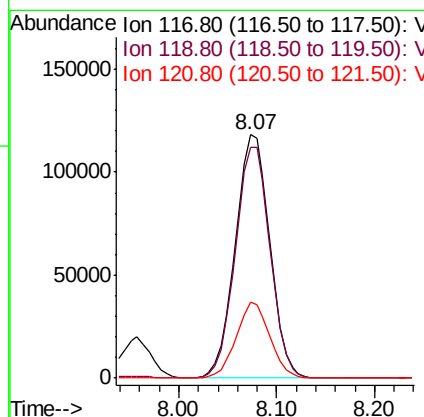
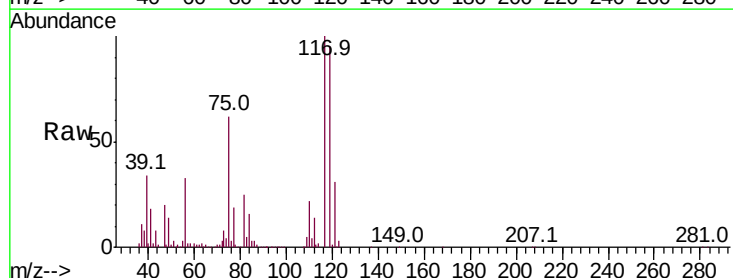
Instrument :
MSVOA_W
ClientSampleId :

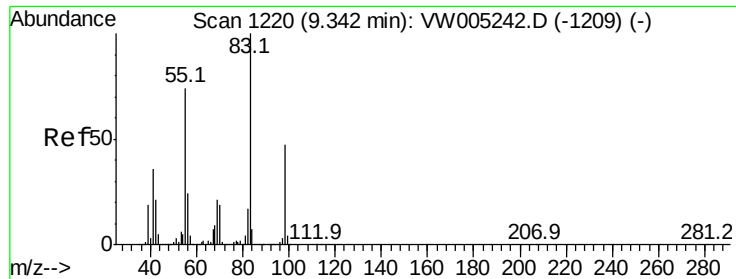
Tot Ion: 43 Resp: 118115
Ion Ratio Lower Upper
43 100
61 14.9 12.3 18.5
70 11.6 9.5 14.3



#38
Carbon Tetrachloride
Concen: 47.450 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 117 Resp: 288092
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
121 31.1 24.7 37.1

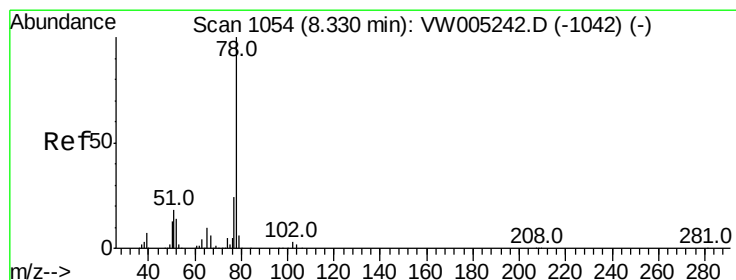
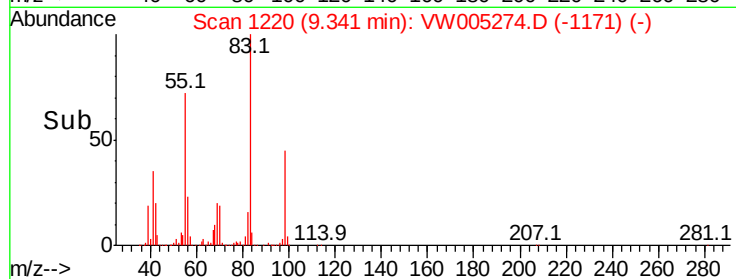
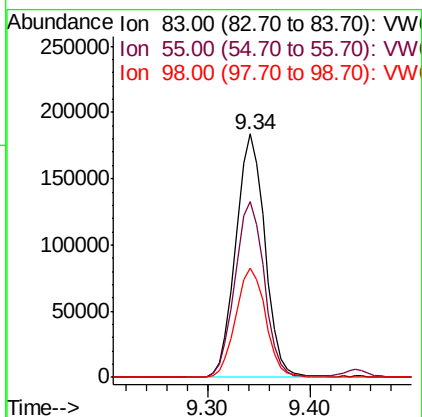
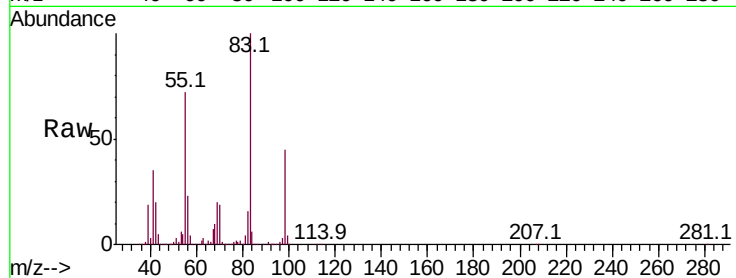




#39
Methylvlcyclohexane
Concen: 42.383 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

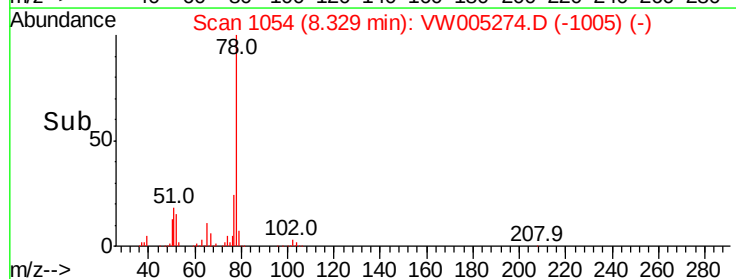
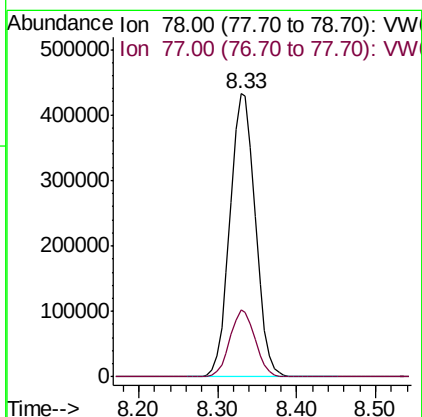
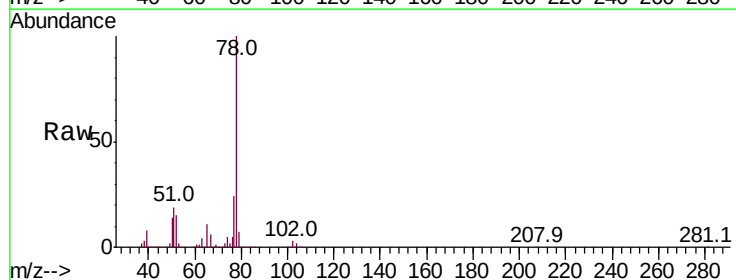
Instrument :
MSVOA_W
ClientSampleId :

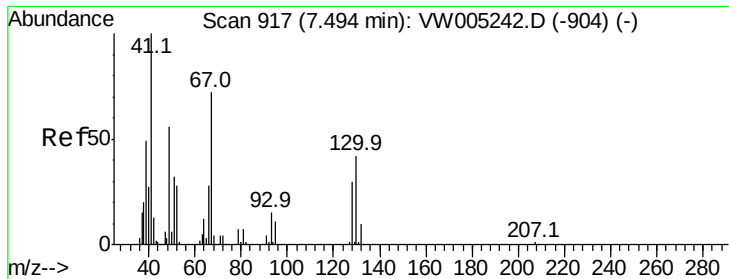
Tot Ion	83	Resp	364733
Ion	Ratio	Lower	Upper
83	100		
55	72.1	58.9	88.3
98	44.7	37.6	56.4



#40
Benzene
Concen: 50.810 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion	78	Resp	970229
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





#41

Methacrylonitrile

Concen: 60.700 ug/l

RT: 7.49 min Scan# 916

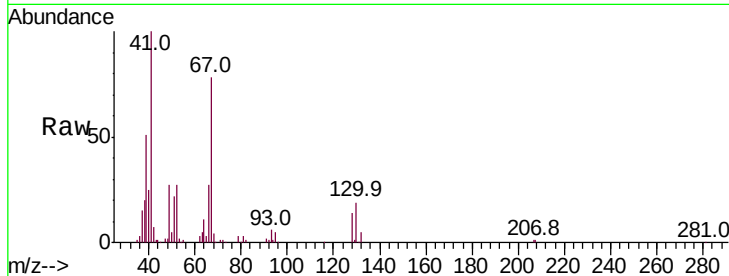
Delta R.T. -0.01 min

Lab File: VW005274.D

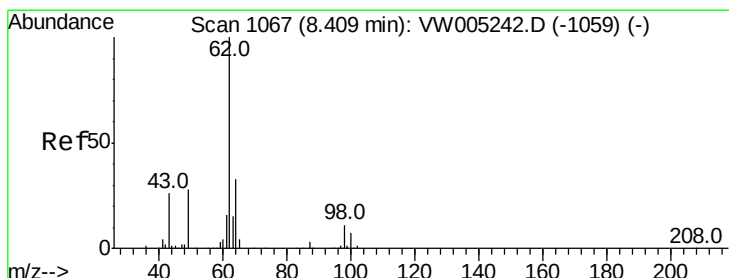
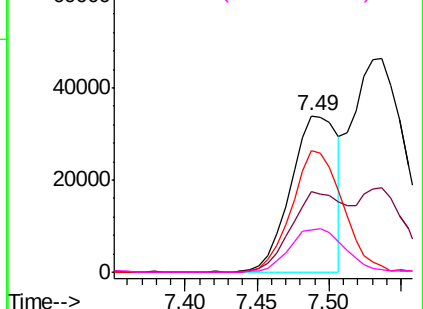
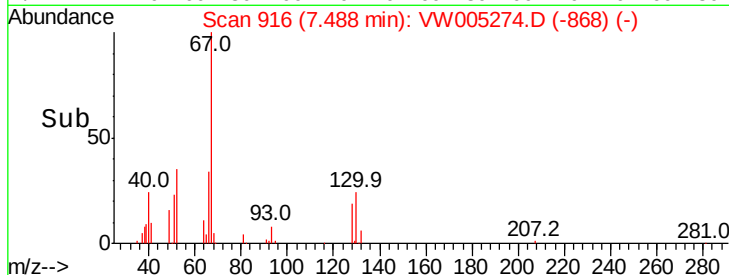
Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	76774
Ion	Ratio	Lower	Upper
41	100		
39	64.8	39.9	59.9#
67	85.3	65.7	98.5
52	33.1	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: 51.251 ug/l

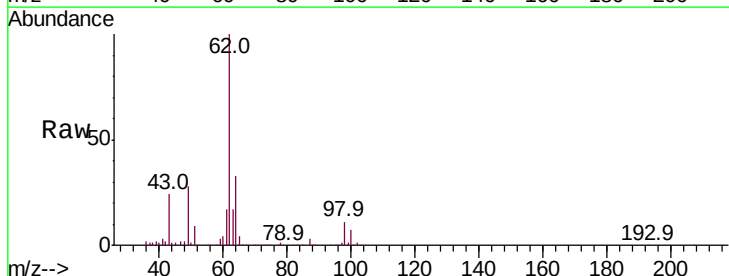
RT: 8.41 min Scan# 1067

Delta R.T. -0.00 min

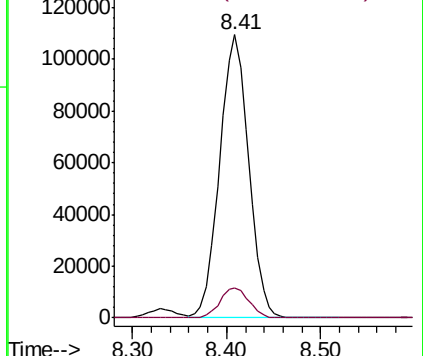
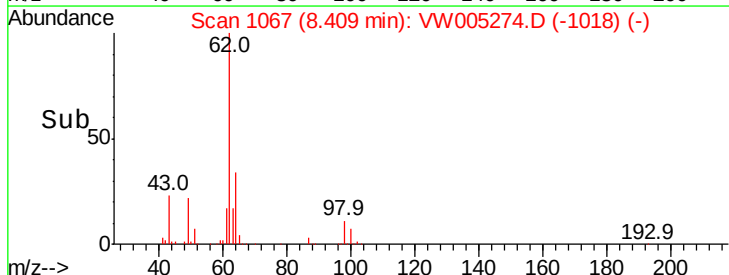
Lab File: VW005274.D

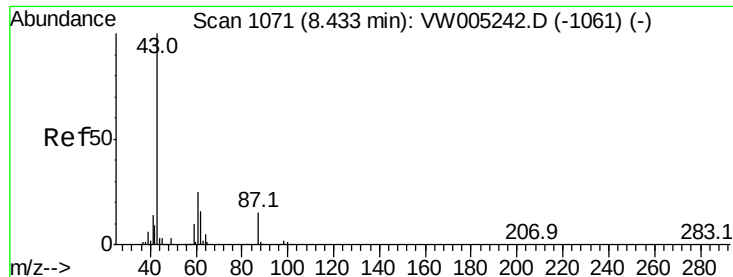
Acq: 11 Sep 2018 14:36

Tgt Ion:	62	Resp:	234127
Ion	Ratio	Lower	Upper
62	100		
98	10.8	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: 56.485 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampleId :

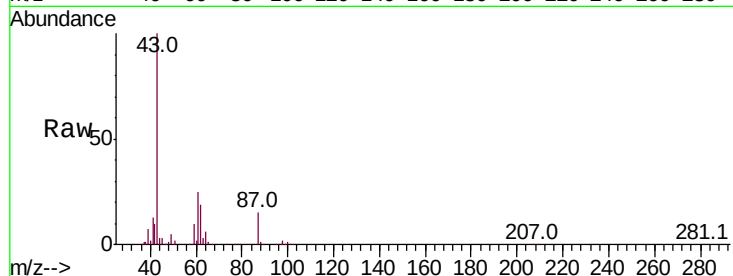
Tot Ion: 43 Resp: 258595

Ion Ratio Lower Upper

43 100

61 32.4 25.4 38.0

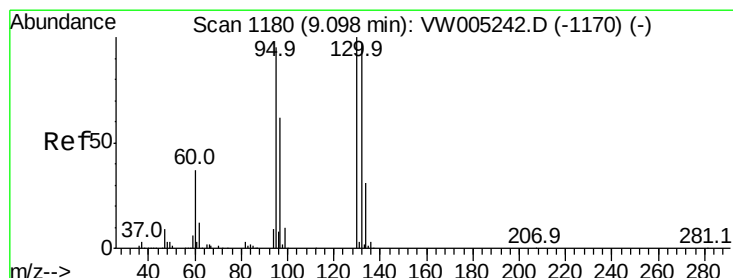
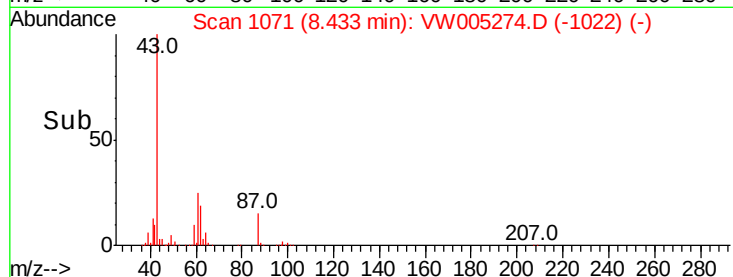
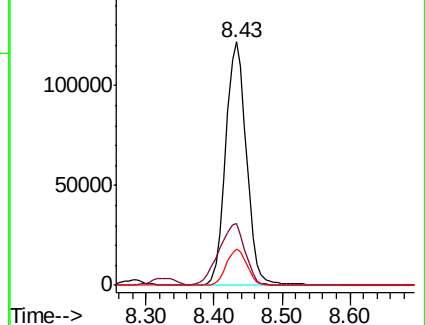
87 14.8 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 70.030 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005274.D

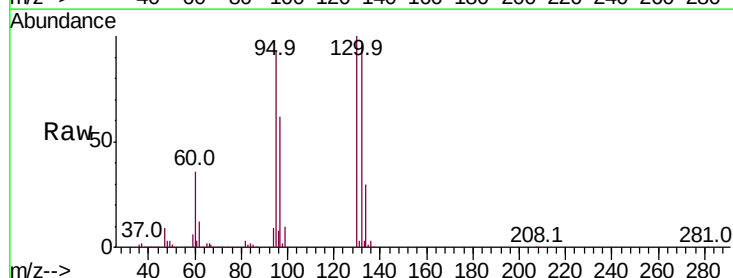
Acq: 11 Sep 2018 14:36

Tgt Ion:130 Resp: 366856

Ion Ratio Lower Upper

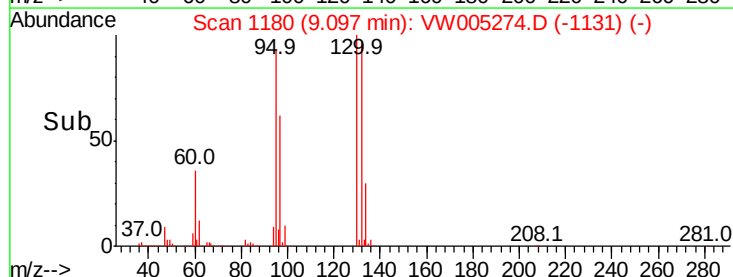
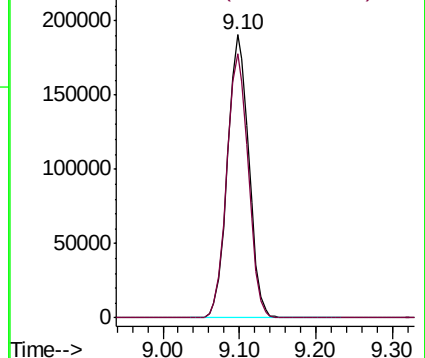
130 100

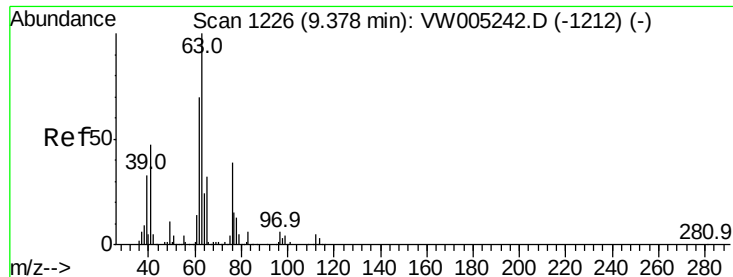
95 93.4 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.554 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

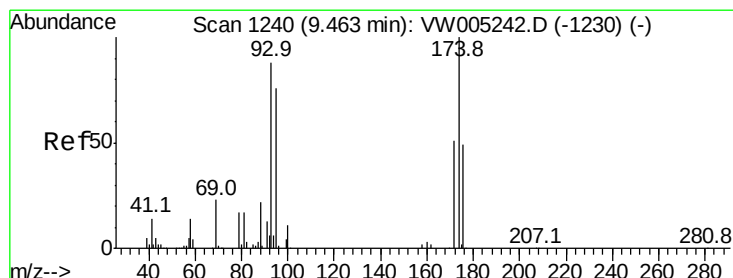
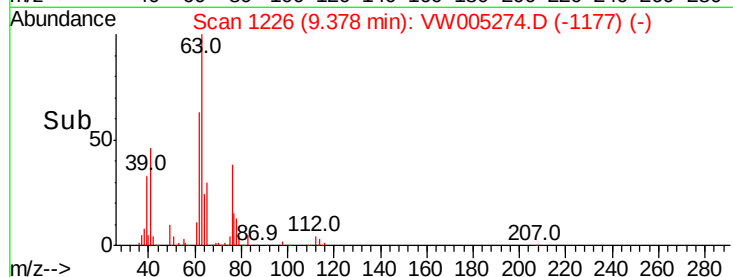
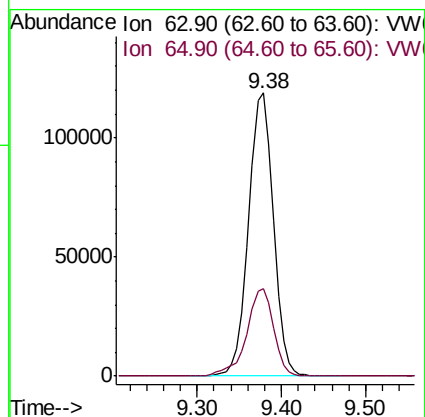
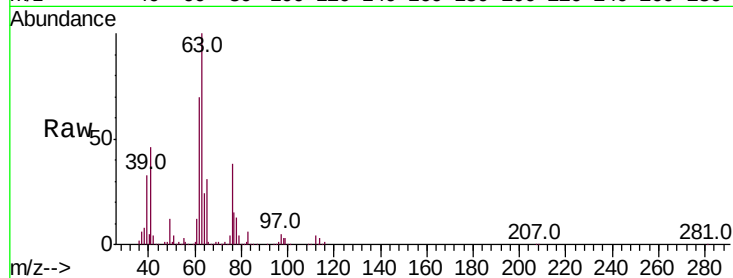
ClientSampleId :

Tot Ion: 63 Resp: 236624

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 52.454 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

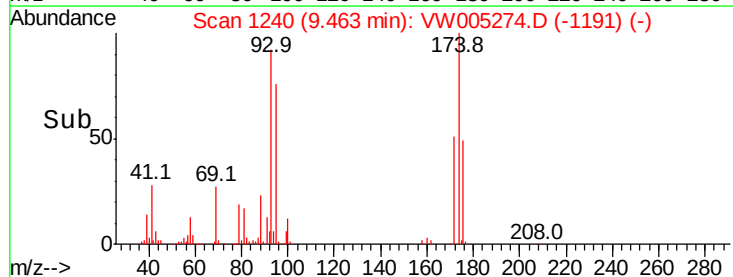
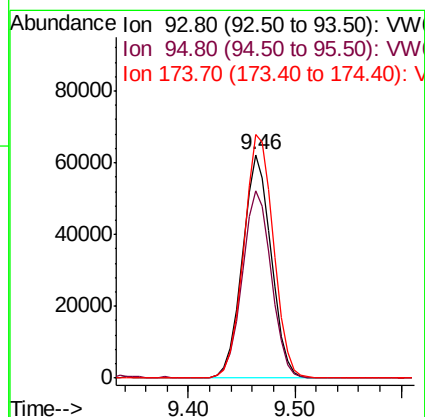
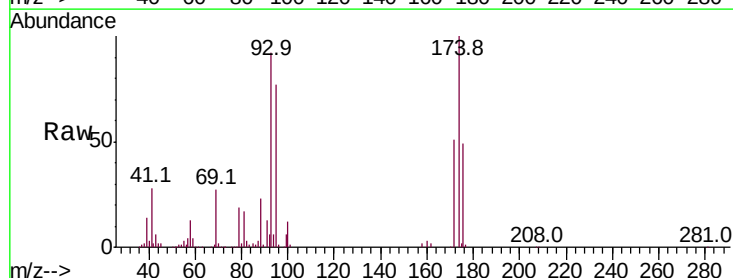
Tgt Ion: 93 Resp: 117845

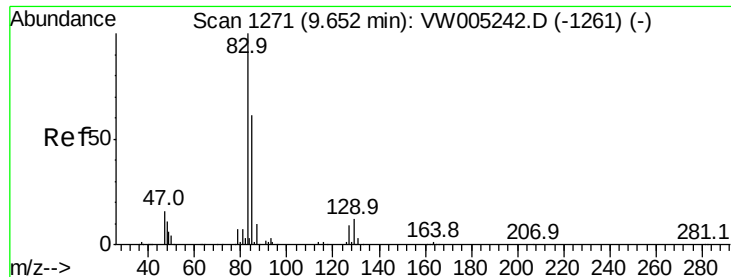
Ion Ratio Lower Upper

93 100

95 84.8 67.0 100.4

174 112.6 92.2 138.2





#47

Bromodichloromethane

Concen: 50.182 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampleId :

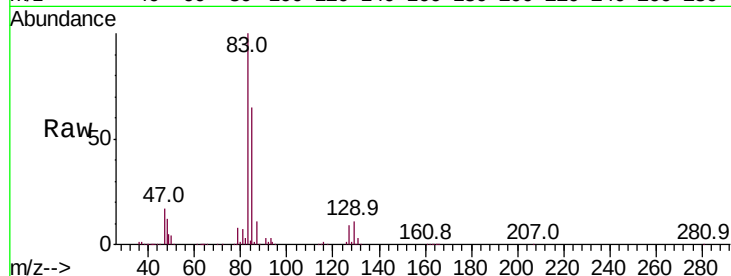
Tot Ion: 83 Resp: 275791

Ion Ratio Lower Upper

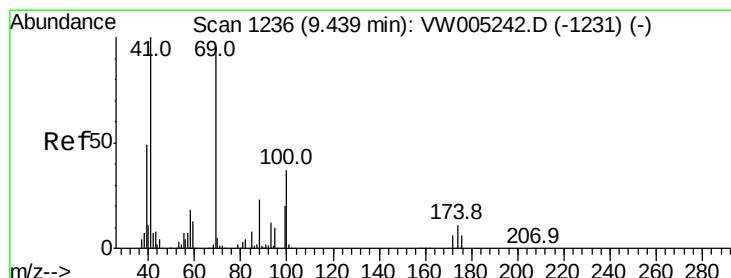
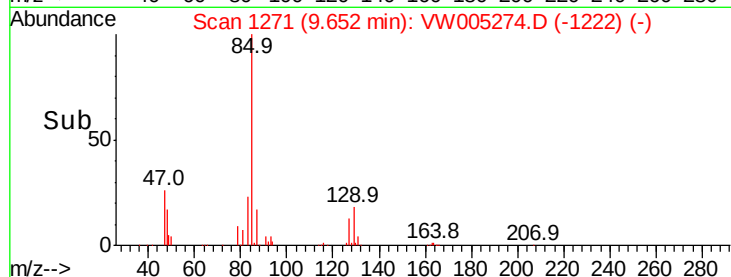
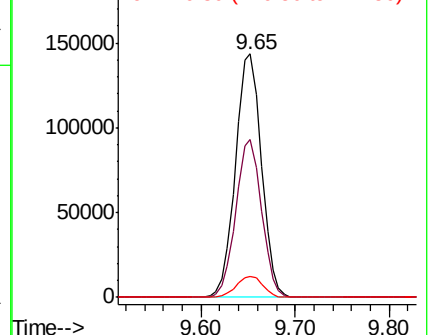
83 100

85 64.6 49.0 73.6

127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.880 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

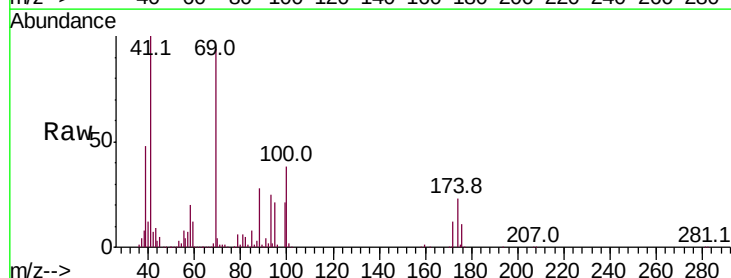
Tgt Ion: 41 Resp: 128078

Ion Ratio Lower Upper

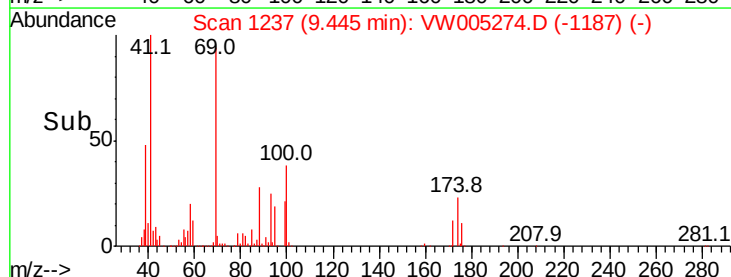
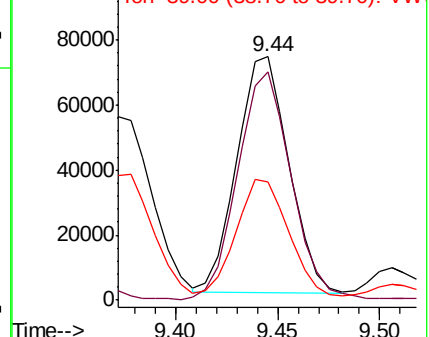
41 100

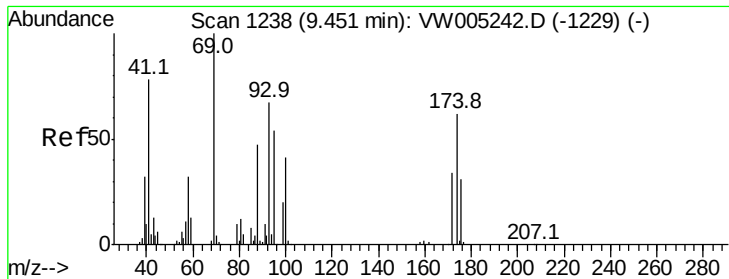
69 100.7 74.6 112.0

39 53.5 36.7 55.1



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

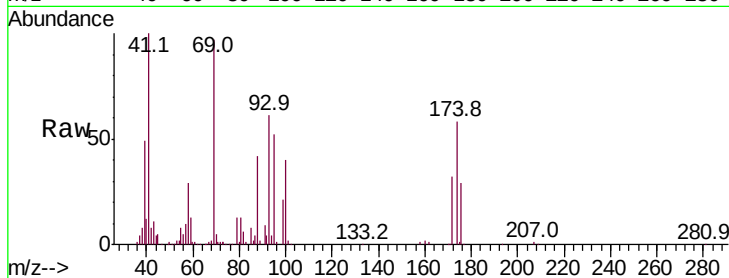




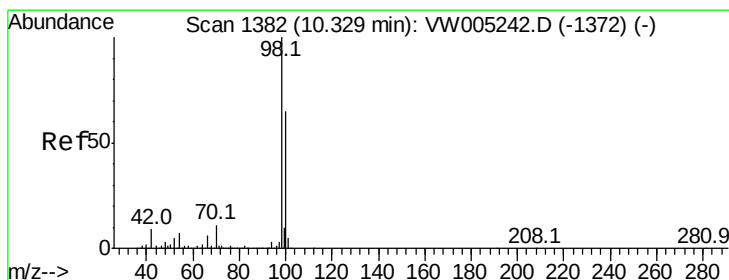
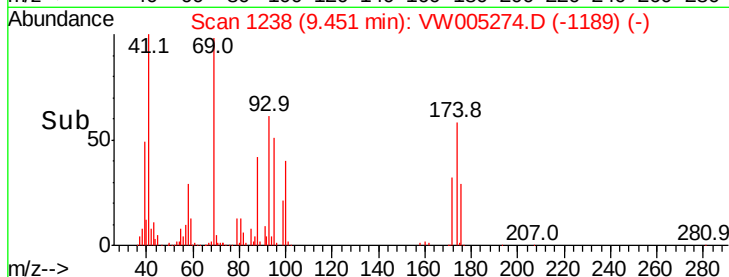
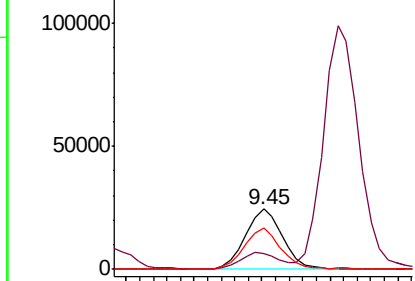
#49
1,4-Dioxane
Concen: 1118.015 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 46896
Ion Ratio Lower Upper
88 100
43 27.9 22.7 34.1
58 67.2 56.6 85.0

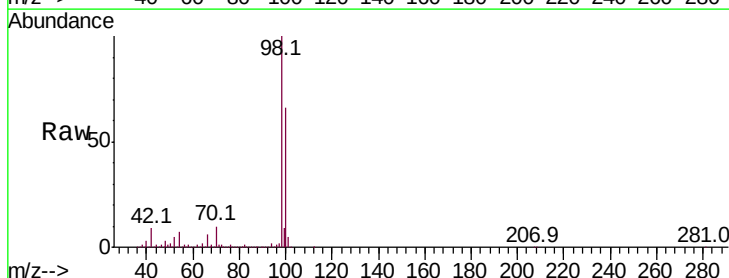


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

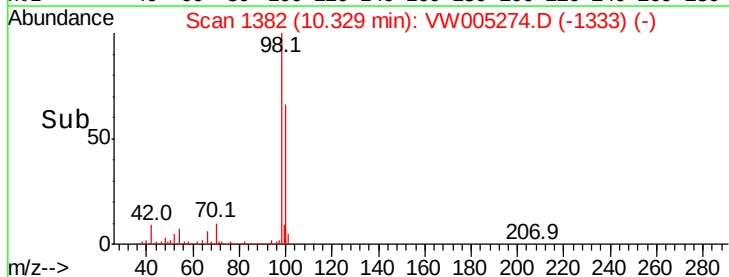
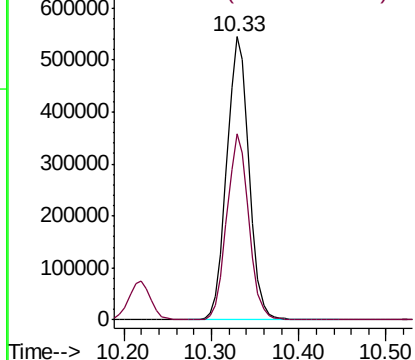


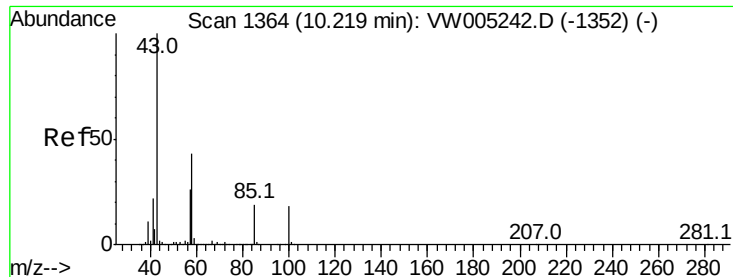
#50
Toluene-d8
Concen: 51.221 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 98 Resp: 959207
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 299.155 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

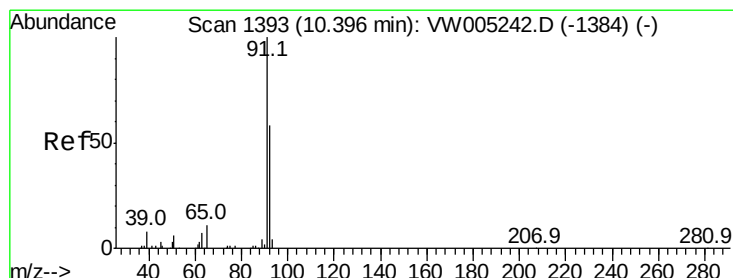
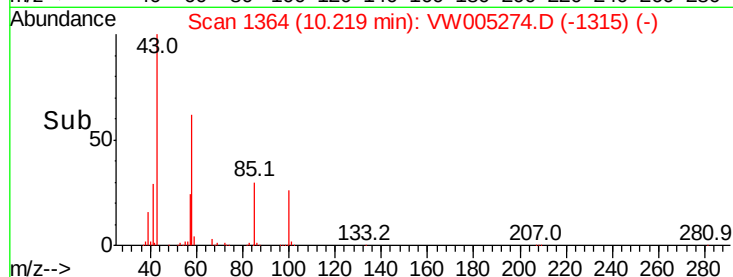
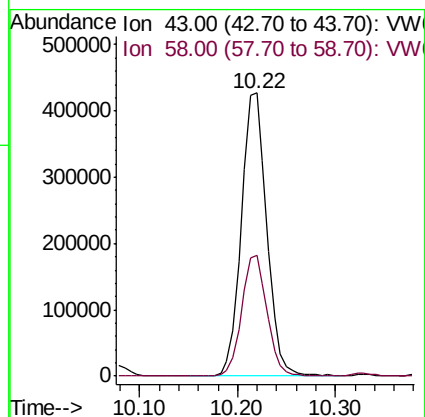
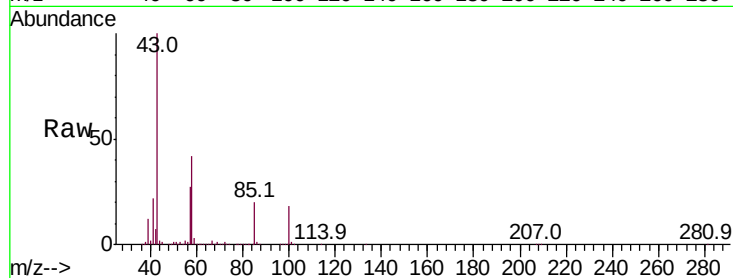
ClientSampleId :

Tot Ion: 43 Resp: 770720

Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.6



#52

Toluene

Concen: 49.140 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005274.D

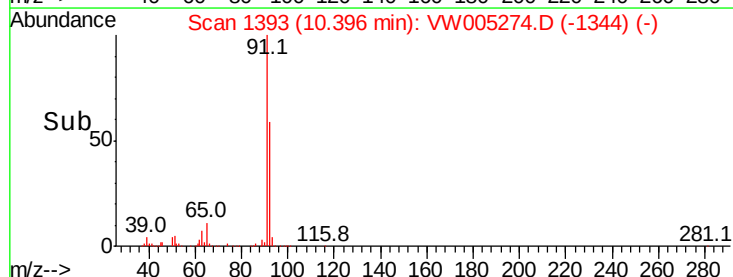
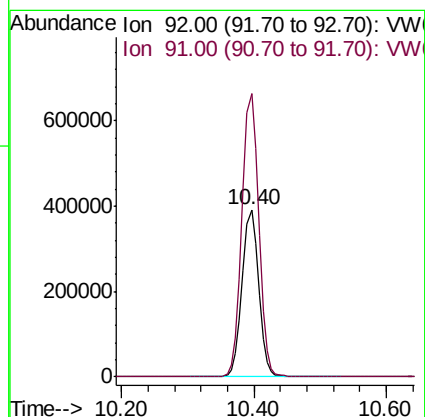
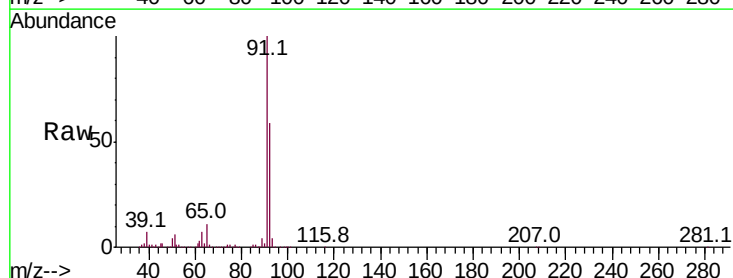
Acq: 11 Sep 2018 14:36

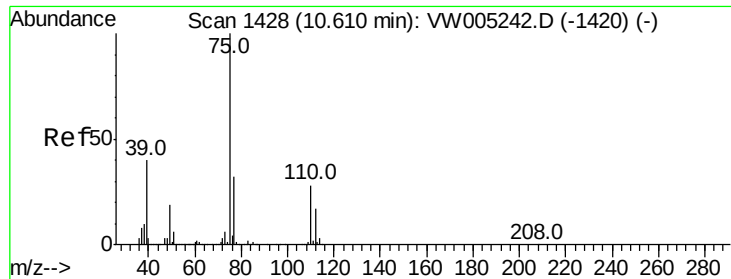
Tgt Ion: 92 Resp: 681972

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.205 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

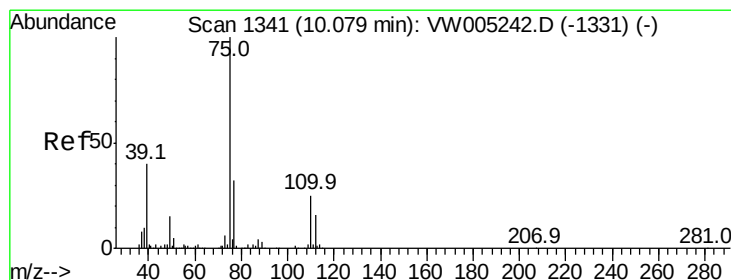
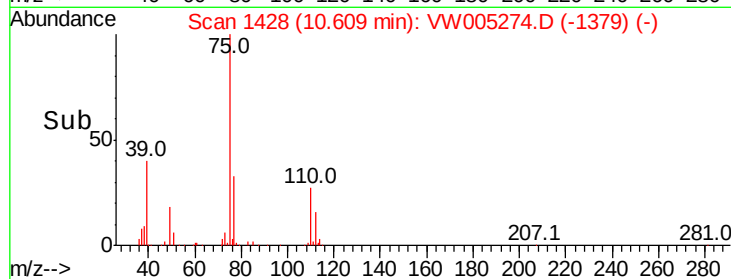
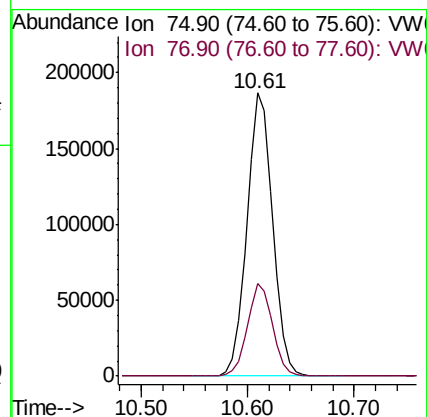
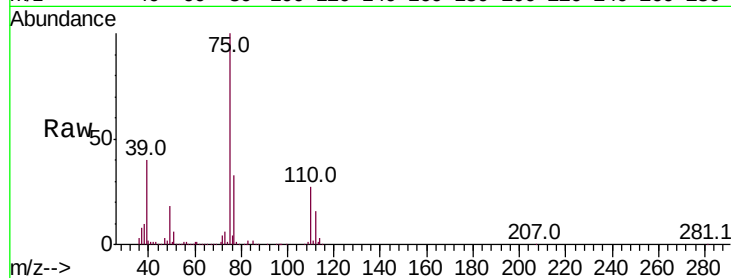
ClientSampleId :

Tot Ion: 75 Resp: 316010

Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 50.926 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

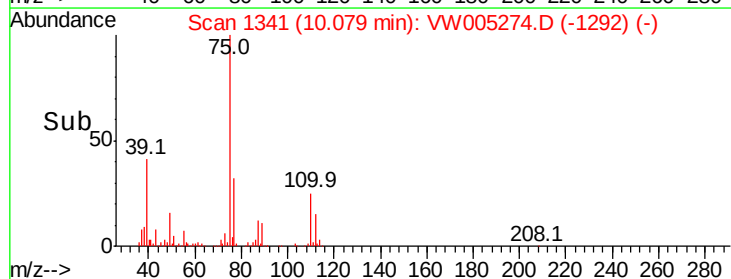
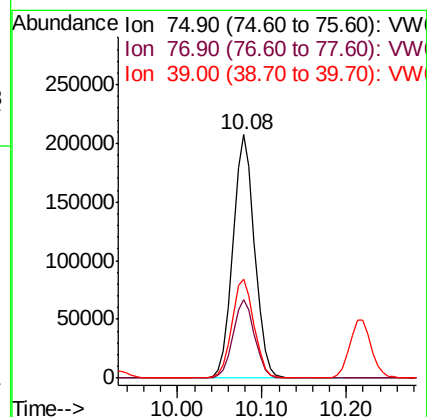
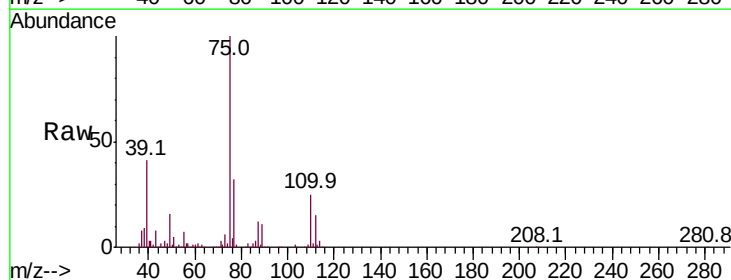
Tgt Ion: 75 Resp: 362221

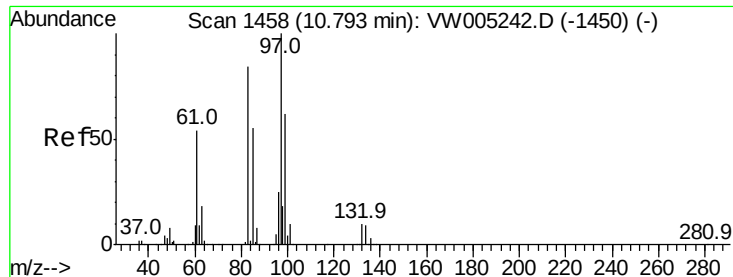
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 40.8 31.8 47.6

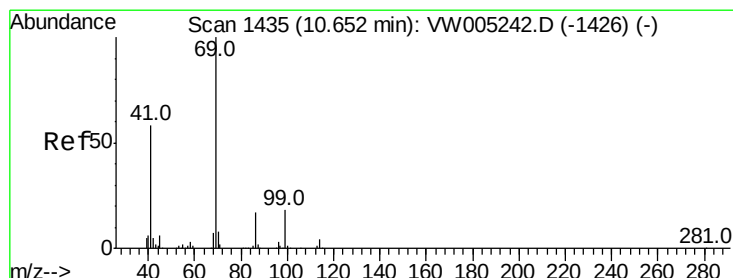
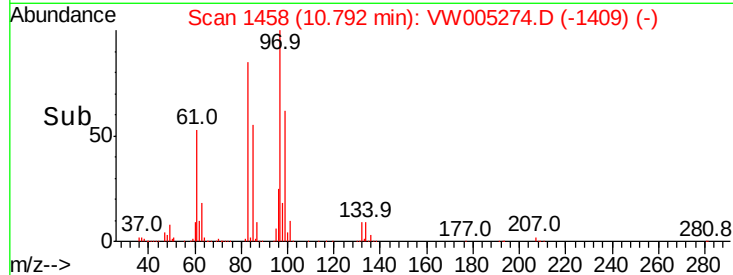
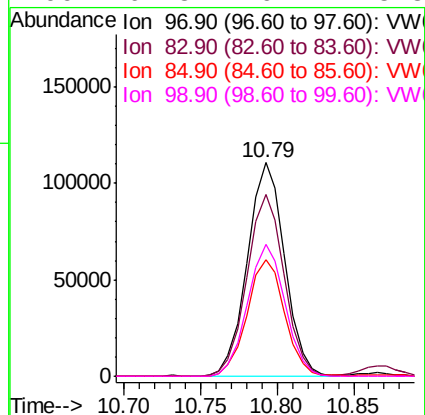
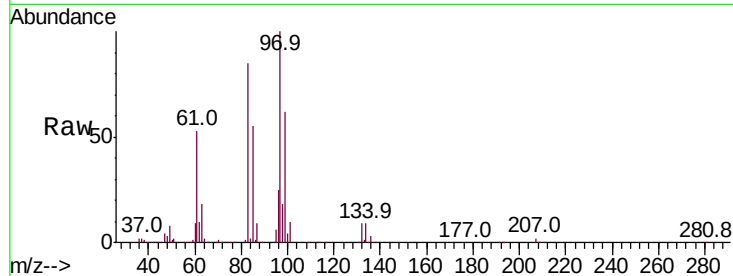




#55
 1,1,2-Trichloroethane
 Concen: 52.501 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

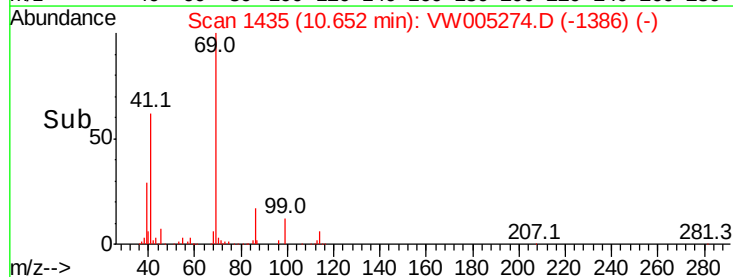
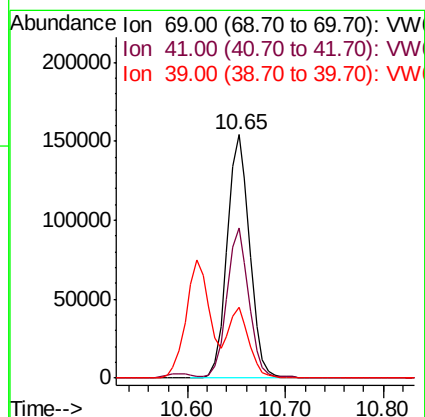
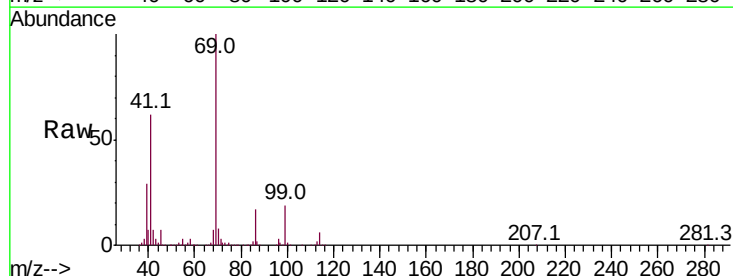
Instrument :
 MSVOA_W
 ClientSampleId :

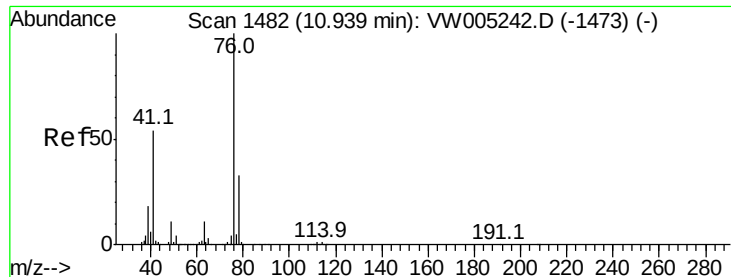
Tot Ion:	97	Resp:	188066
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.2	100.8
85	54.6	44.4	66.6
99	61.8	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 54.055 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion:	69	Resp:	245484
Ion	Ratio	Lower	Upper
69	100		
41	60.1	48.7	73.1
39	26.5	20.9	31.3





#57

1,3-Dichloropropane

Concen: 53.877 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

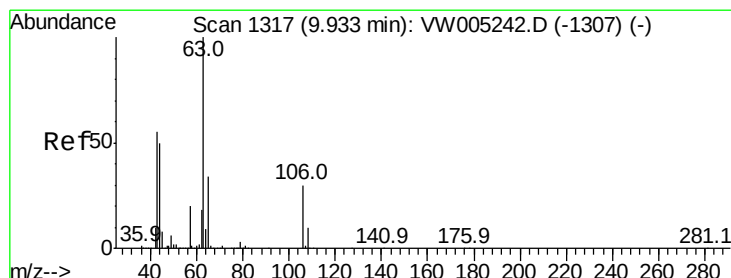
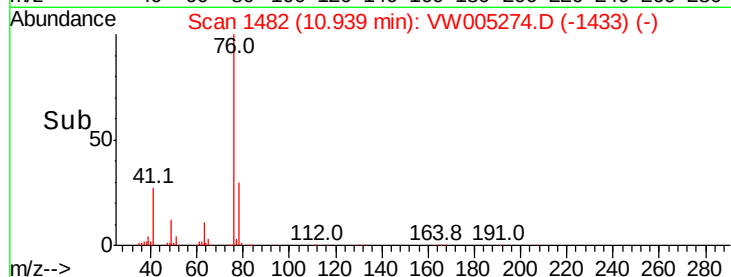
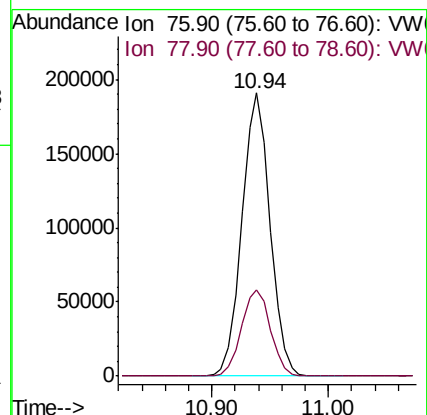
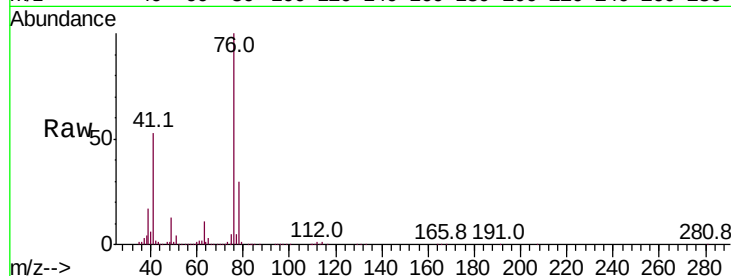
ClientSampled :

Tot Ion: 76 Resp: 320474

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 281.688 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005274.D

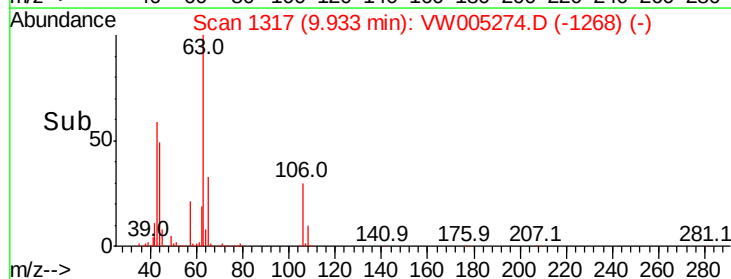
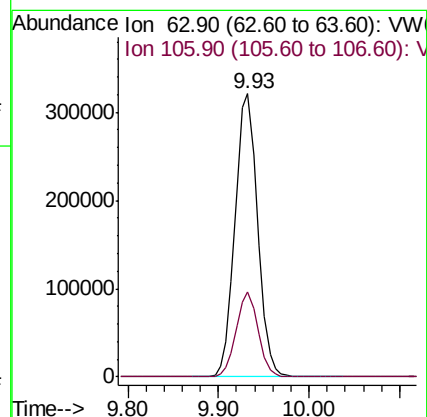
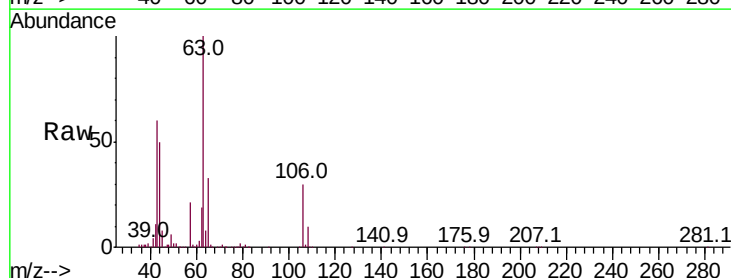
Acq: 11 Sep 2018 14:36

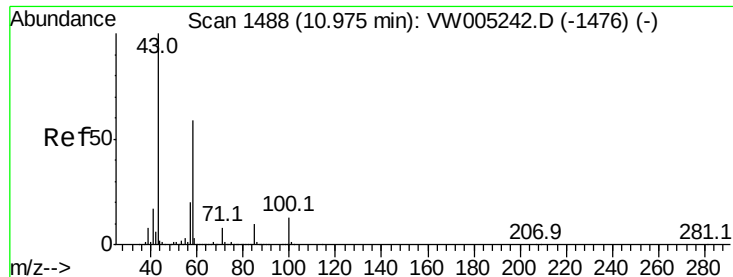
Tgt Ion: 63 Resp: 556010

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.0

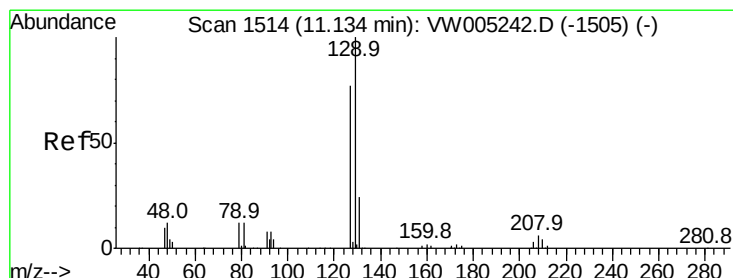
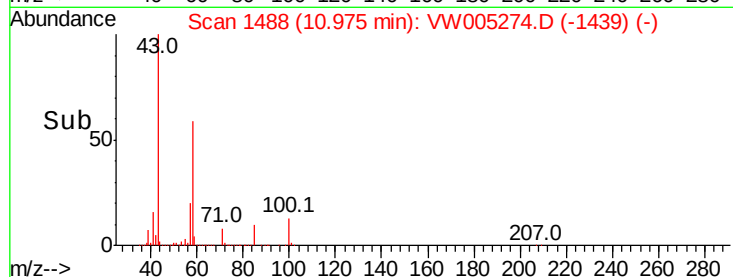
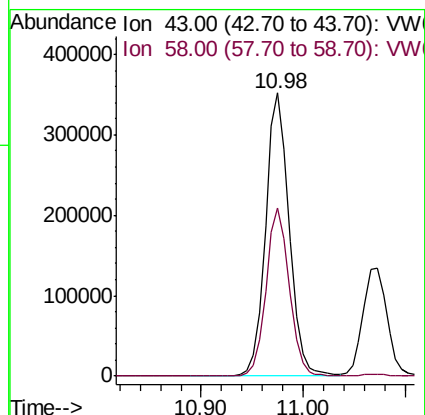
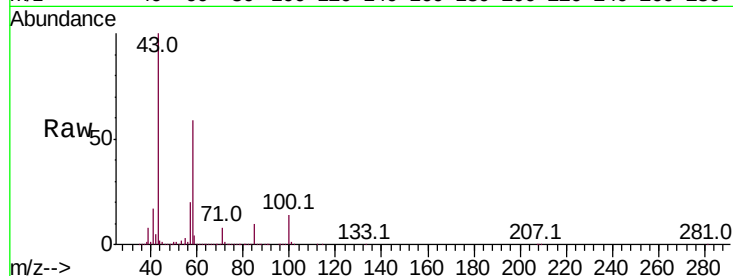




#59
2-Hexanone
Concen: 304.729 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

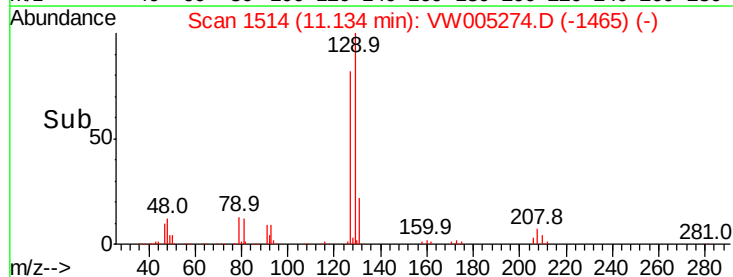
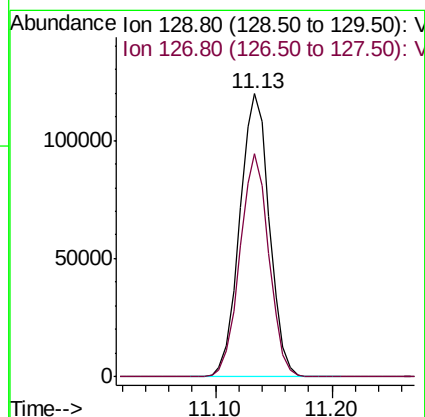
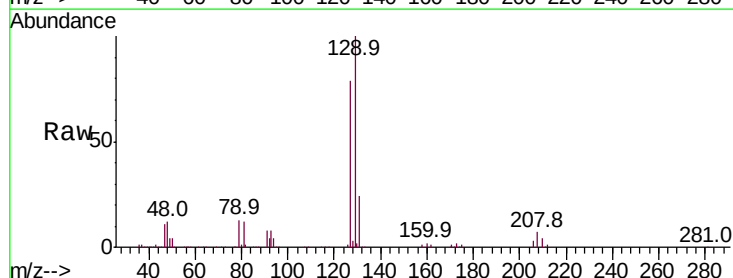
Instrument :
MSVOA_W
ClientSampled :

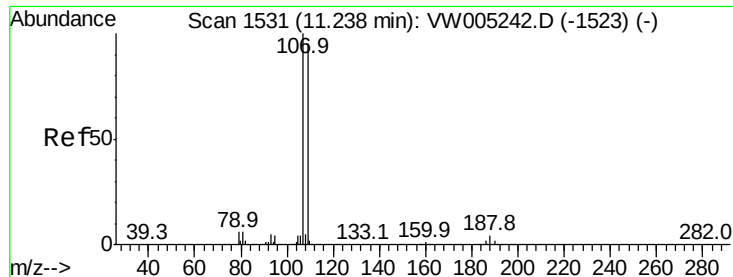
Tot Ion: 43 Resp: 565980
Ion Ratio Lower Upper
43 100
58 58.3 29.3 87.9



#60
Dibromochloromethane
Concen: 53.406 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 129 Resp: 212282
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

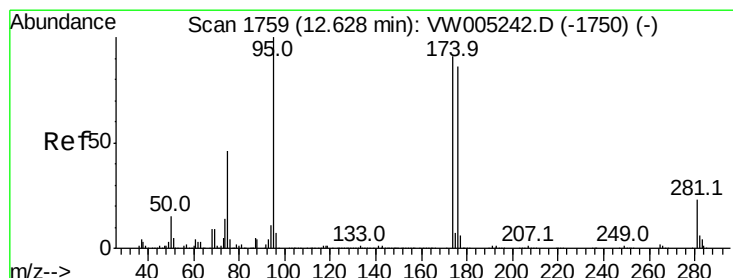
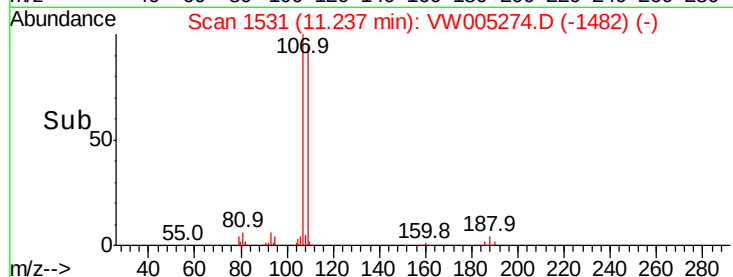
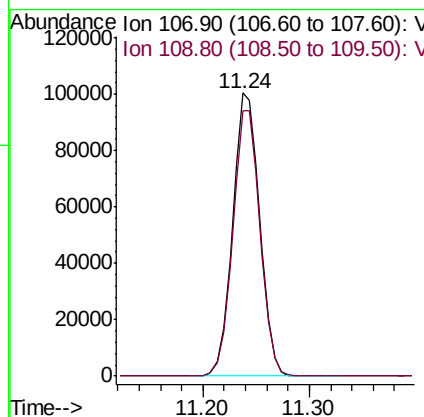
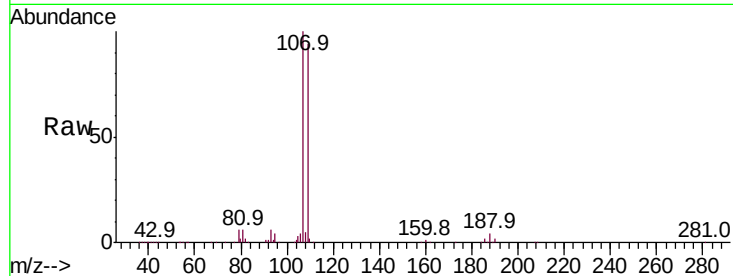




#61
 1,2-Dibromoethane
 Concen: 54.244 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

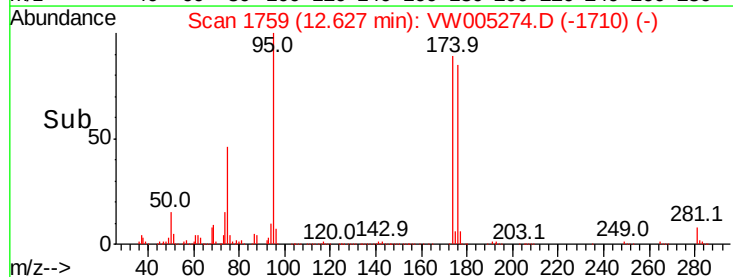
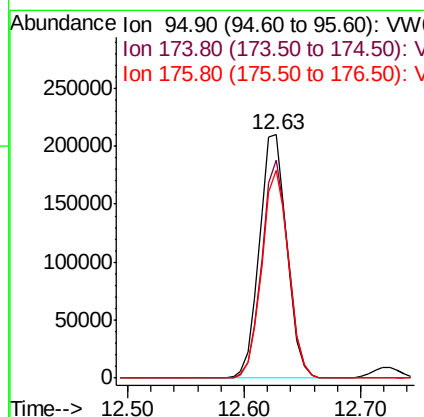
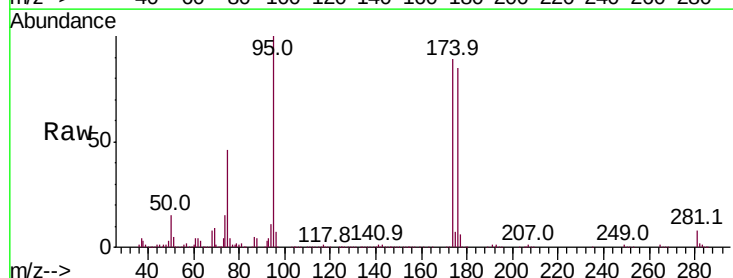
Instrument :
 MSVOA_W
 ClientSampleId :

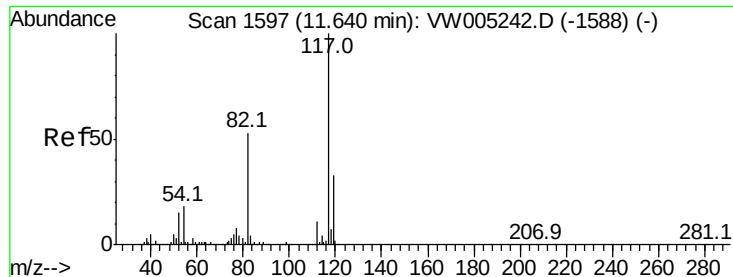
Tot Ion: 107 Resp: 178191
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.450 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion: 95 Resp: 345565
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 174.6
 176 83.1 0.0 167.6

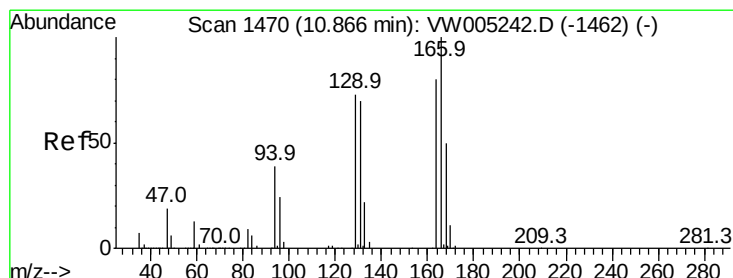
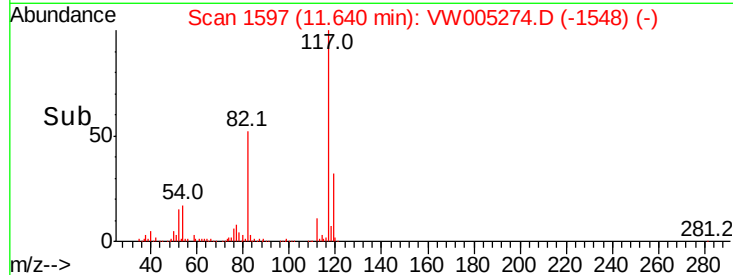
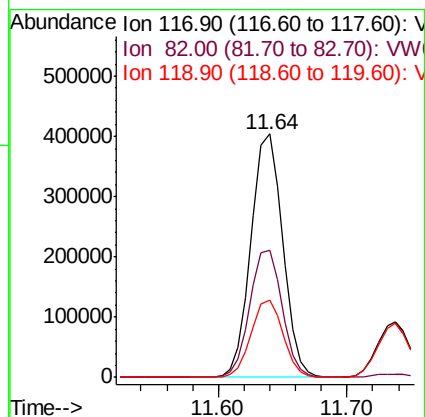
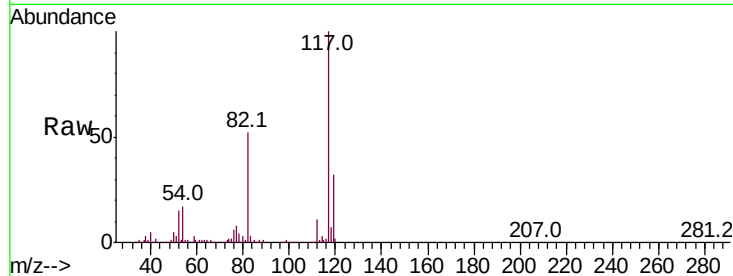




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

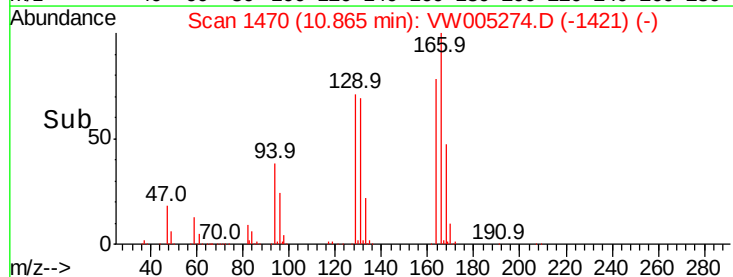
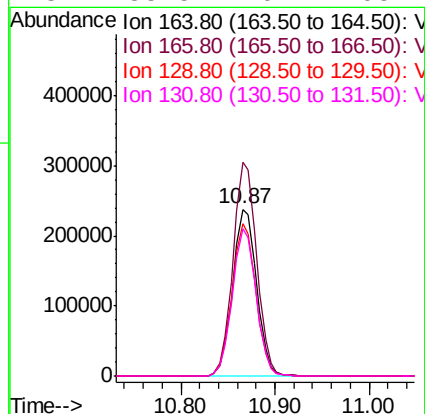
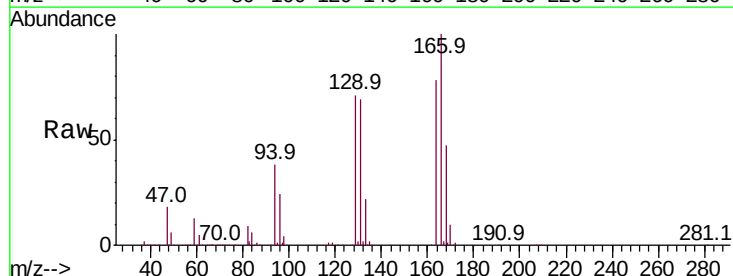
Instrument :
MSVOA_W
ClientSampled :

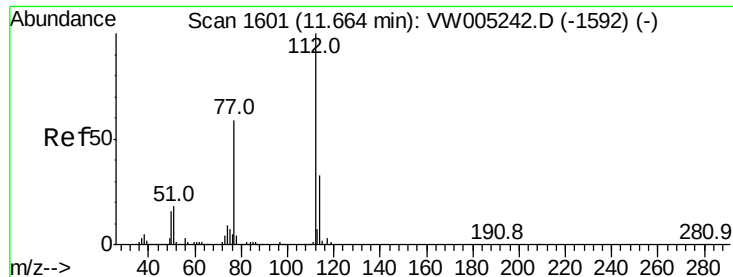
Tot Ion:117 Resp: 688300
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 31.6 26.2 39.4



#64
Tetrachloroethene
Concen: 82.078 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion:164 Resp: 419140
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 91.6 73.2 109.8
131 88.5 70.2 105.4

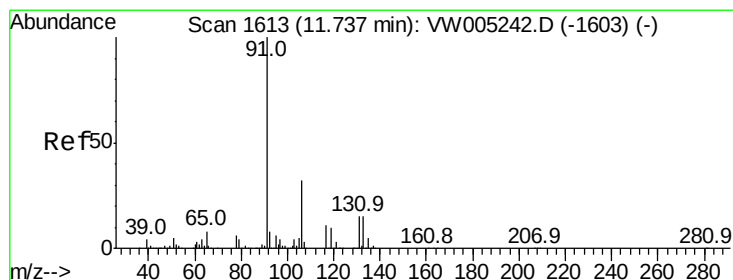
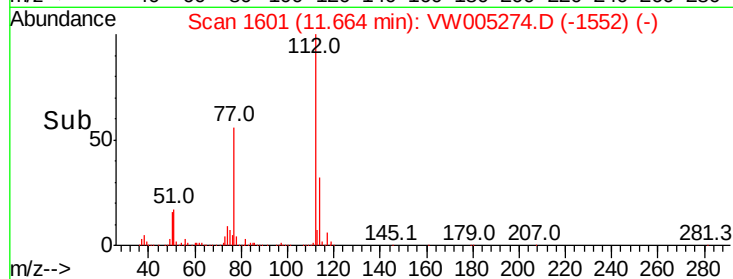
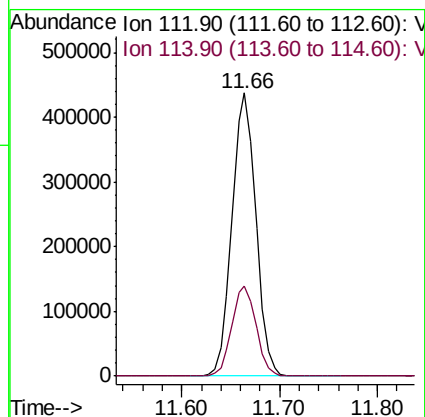
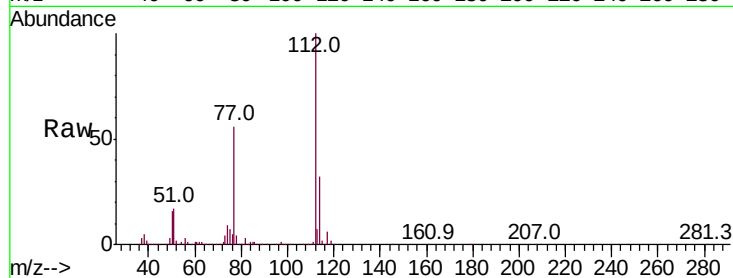




#65
Chlorobenzene
Concen: 49.111 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

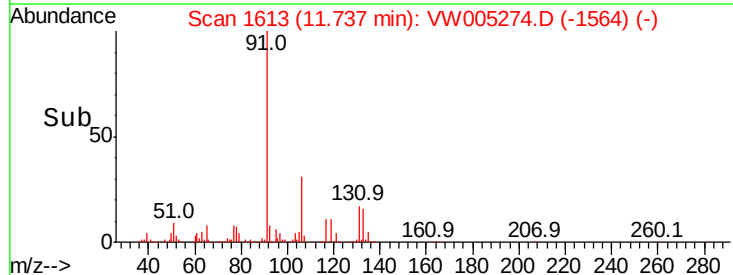
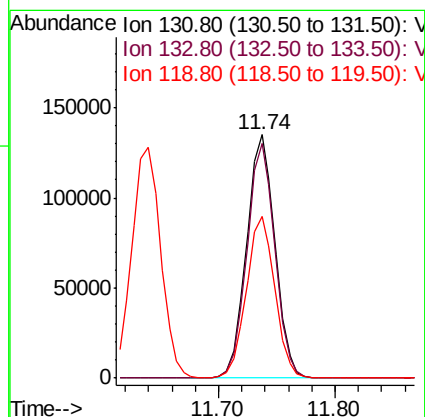
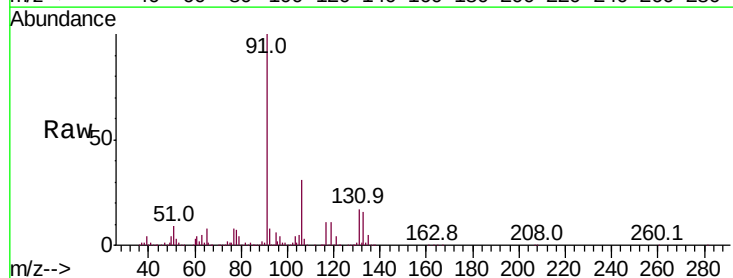
Instrument :
MSVOA_W
ClientSampleId :

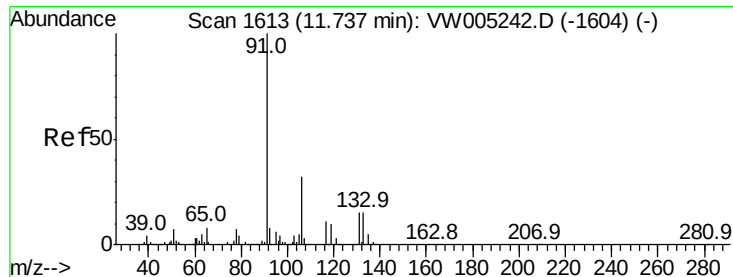
Tot Ion:112 Resp: 740494
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.043 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion:131 Resp: 229796
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 66.6 33.4 100.1





#67

Ethyl Benzene

Concen: 48.890 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

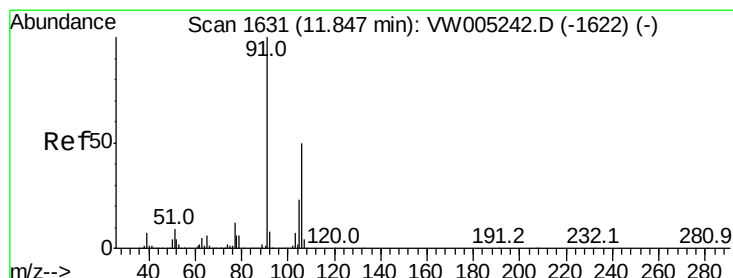
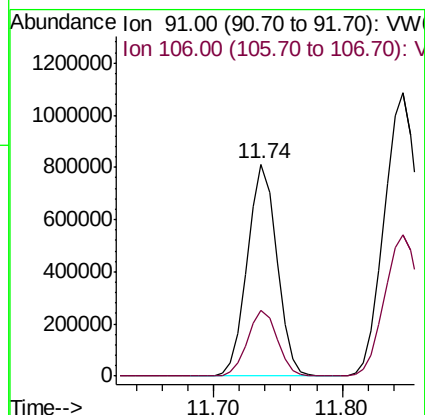
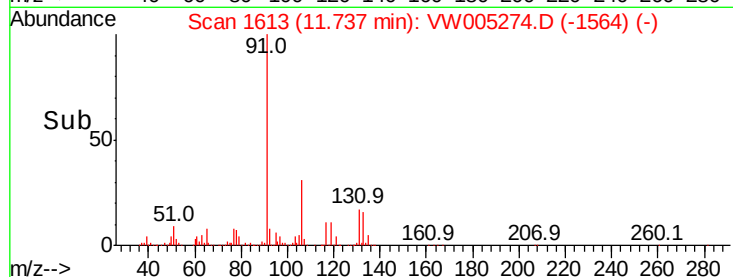
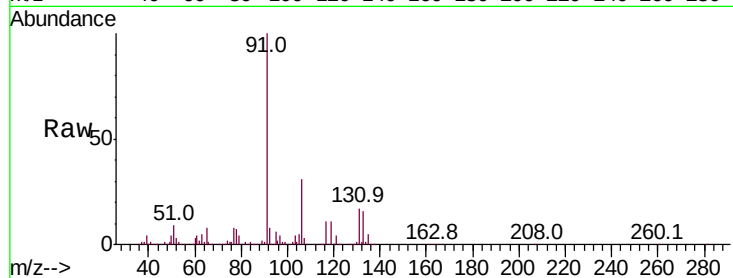
ClientSampleId :

Tot Ion: 91 Resp: 1283762

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4



#68

m/p-Xylenes

Concen: 97.172 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005274.D

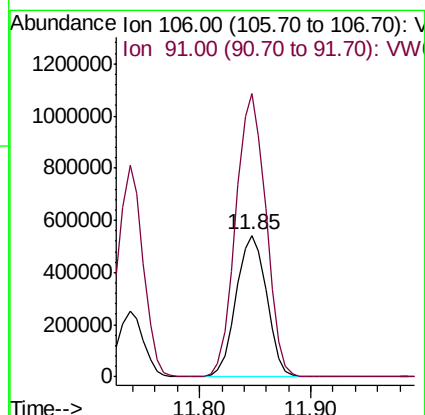
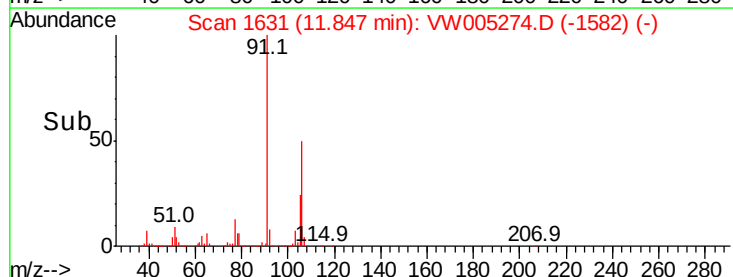
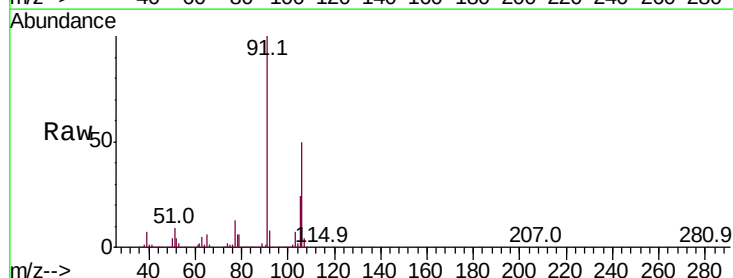
Acq: 11 Sep 2018 14:36

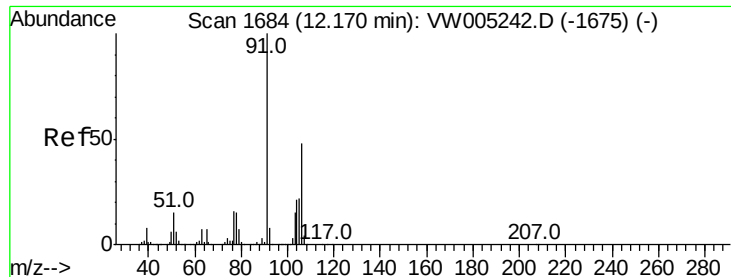
Tgt Ion:106 Resp: 1028223

Ion Ratio Lower Upper

106 100

91 198.1 160.2 240.2

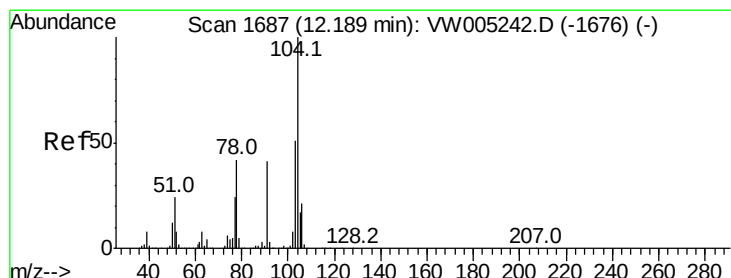
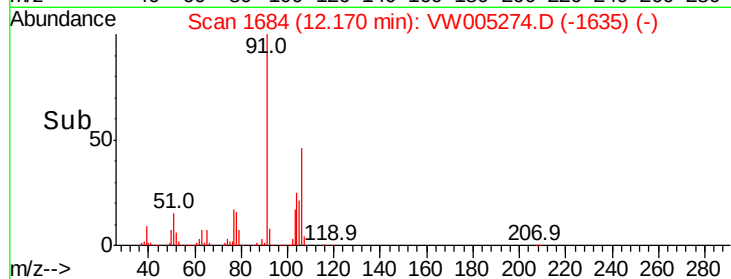
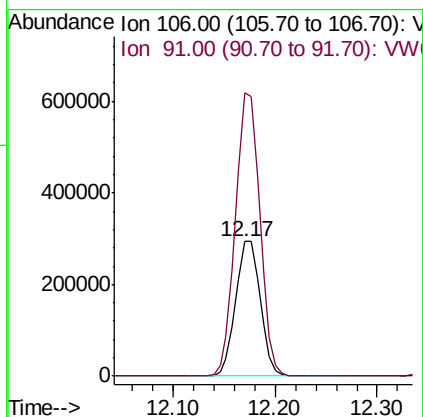
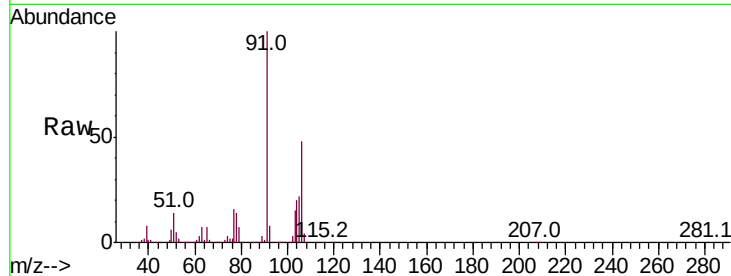




#69
o-Xylene
Concen: 49.866 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

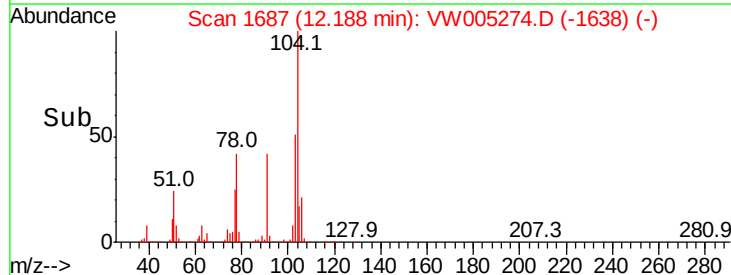
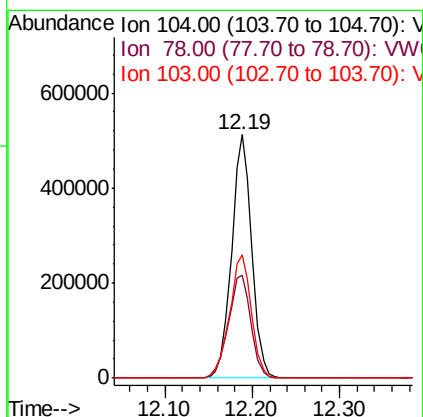
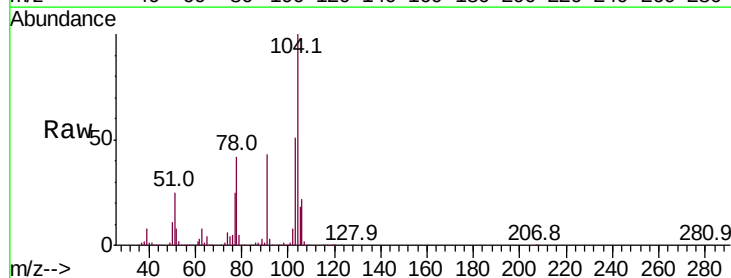
Instrument :
MSVOA_W
ClientSampleId :

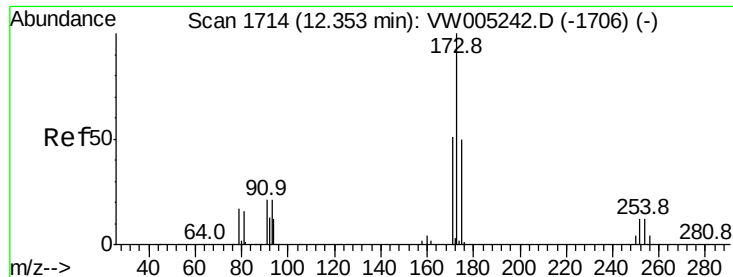
Tot Ion:106 Resp: 490913
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.3



#70
Styrene
Concen: 50.954 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion:104 Resp: 818516
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.2
103 54.9 44.1 66.1





#71

Bromoform

Concen: 56.330 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampled :

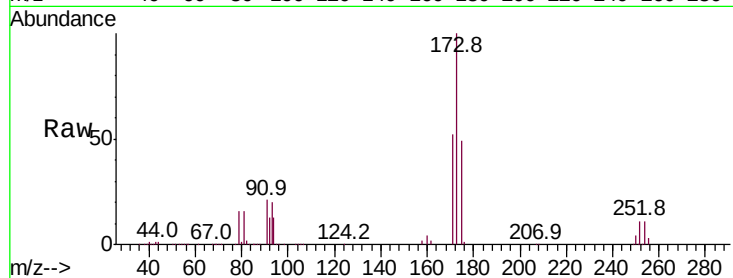
Tot Ion:173 Resp: 137502

Ion Ratio Lower Upper

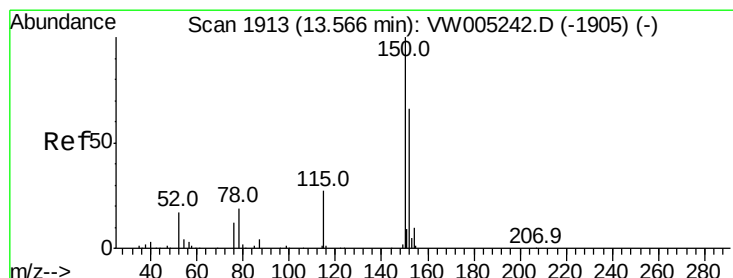
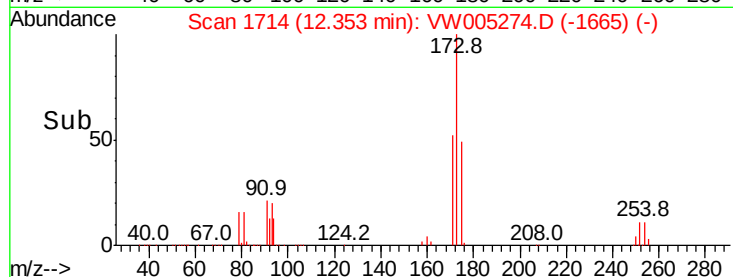
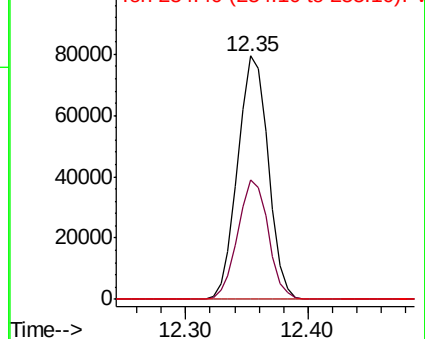
173 100

175 48.9 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: VW005274.D

Acq: 11 Sep 2018 14:36

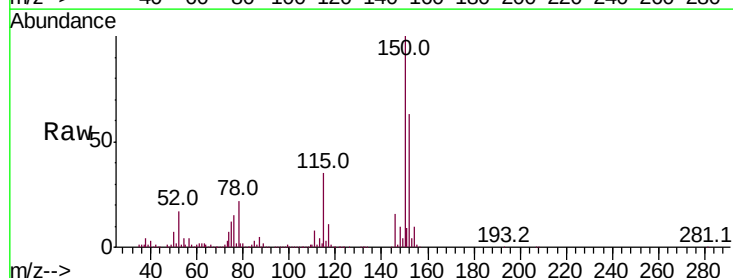
Tgt Ion:152 Resp: 363086

Ion Ratio Lower Upper

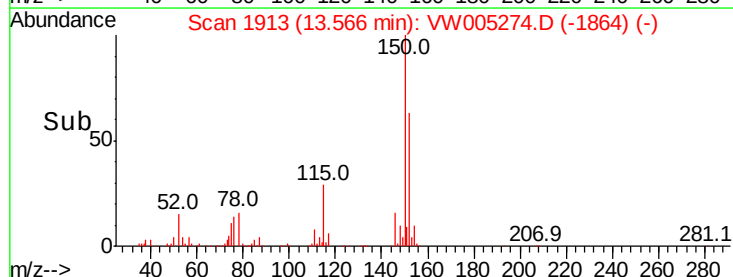
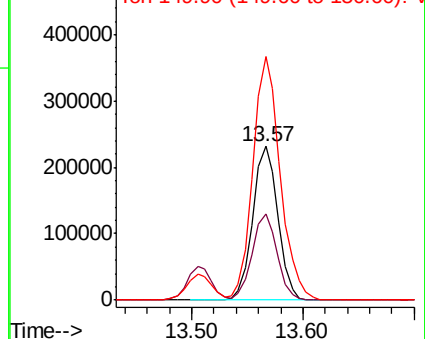
152 100

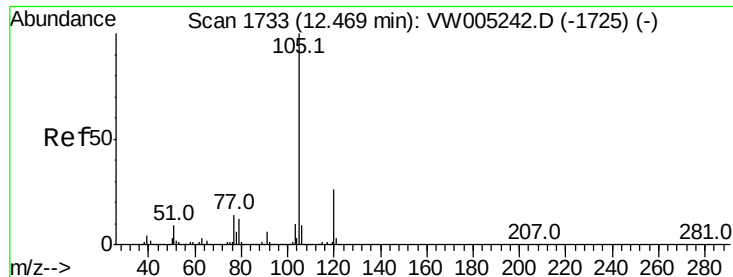
115 55.5 27.5 82.4

150 172.6 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: 48.685 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

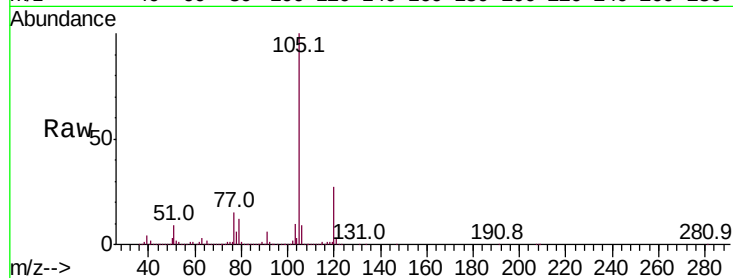
ClientSampleId :

Tot Ion:105 Resp: 1248962

Ion Ratio Lower Upper

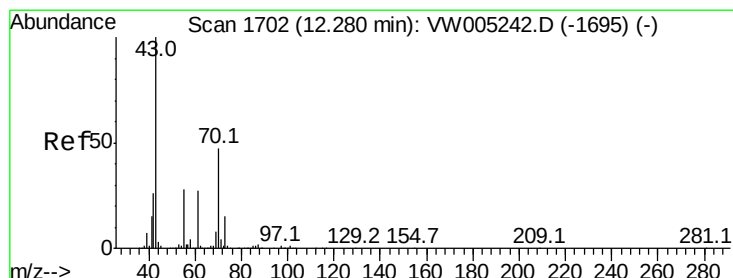
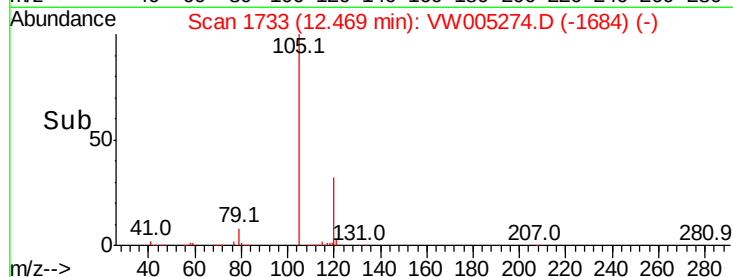
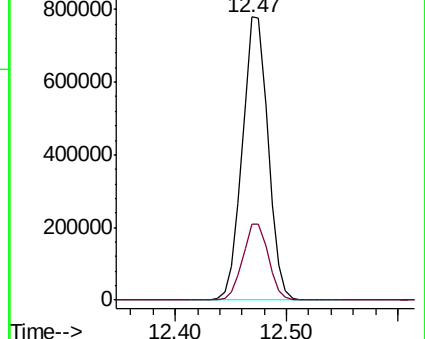
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.004 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Tgt Ion: 43 Resp: 248946

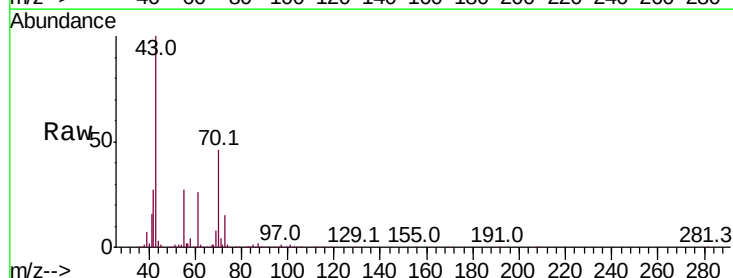
Ion Ratio Lower Upper

43 100

70 46.7 37.9 56.9

55 27.9 22.6 33.8

61 26.2 20.9 31.3

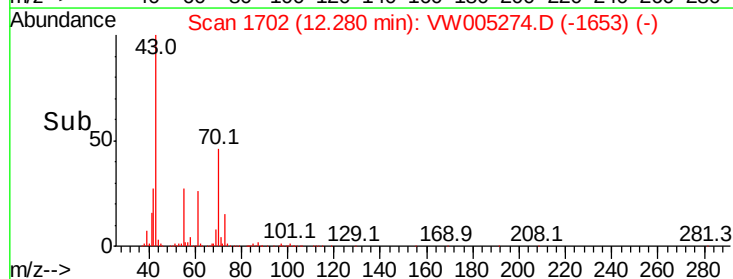
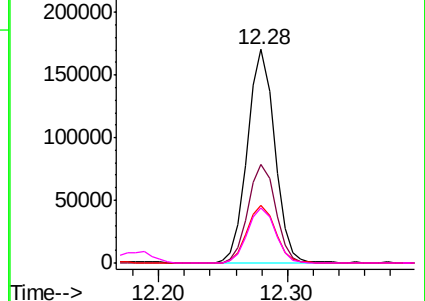


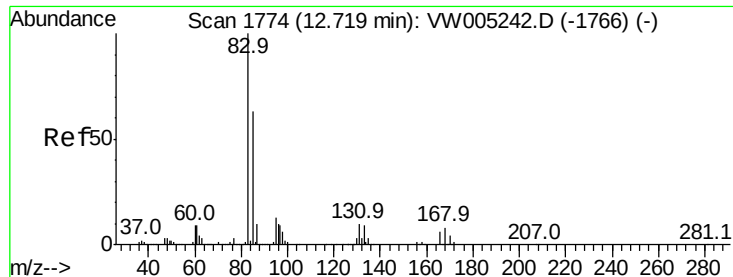
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 28.339 ug/l

RT: 12.72 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampled :

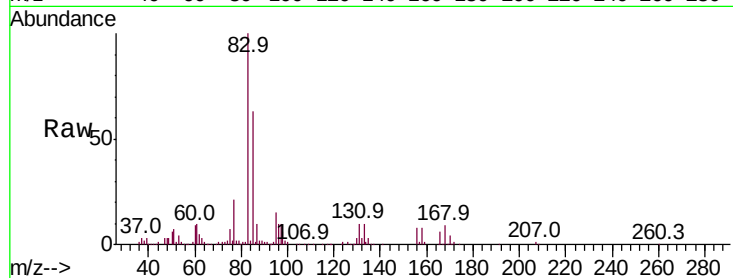
Tot Ion: 83 Resp: 109258

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

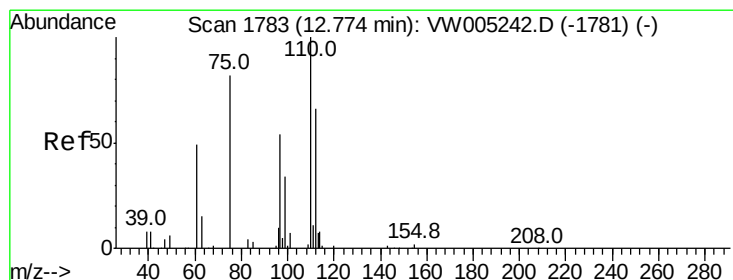
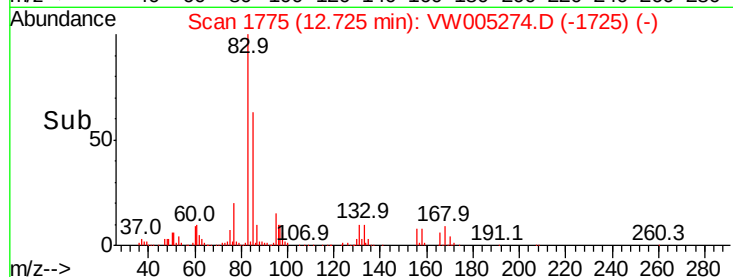
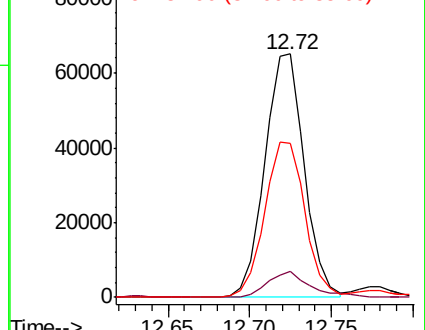
85 65.5 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 107.167 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005274.D

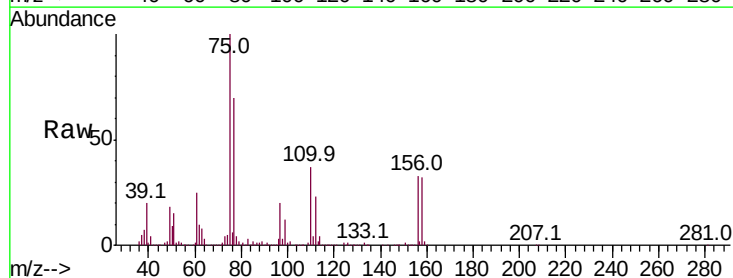
Acq: 11 Sep 2018 14:36

Tgt Ion: 75 Resp: 299283

Ion Ratio Lower Upper

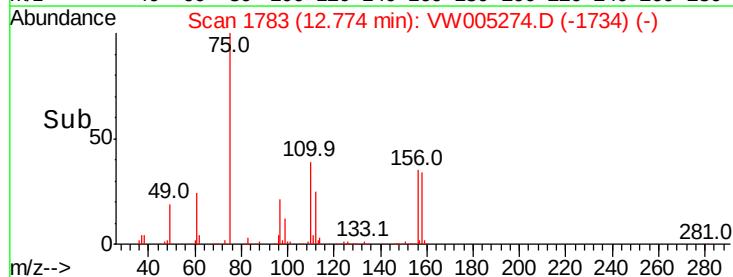
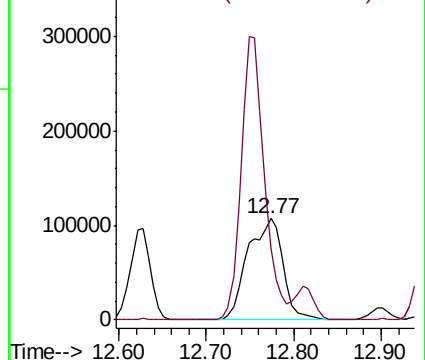
75 100

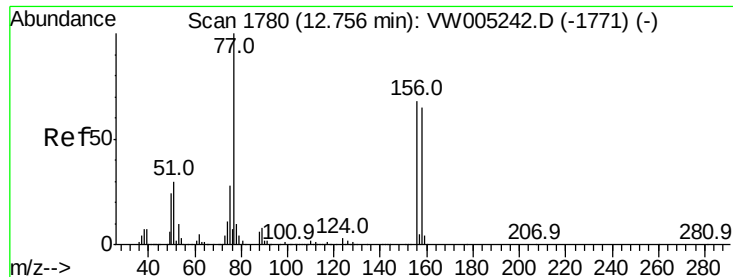
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.365 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampleId :

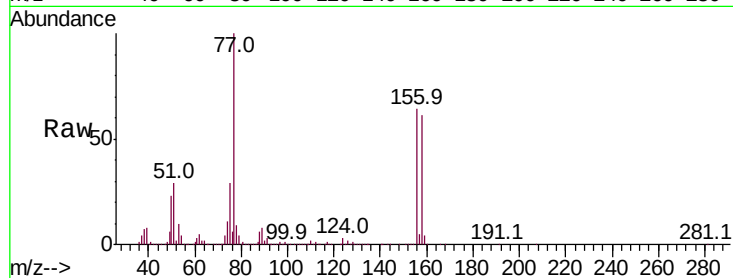
Tot Ion:156 Resp: 316479

Ion Ratio Lower Upper

156 100

77 175.6 86.3 258.8

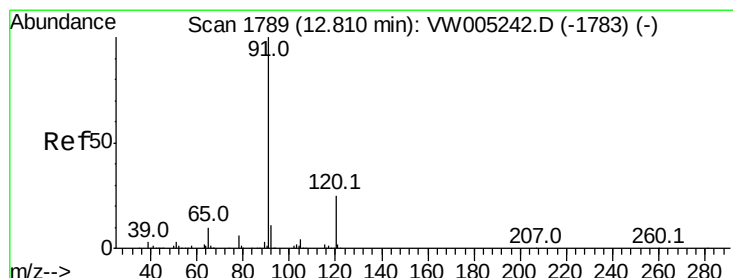
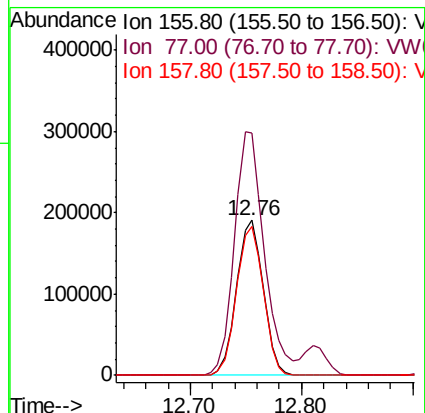
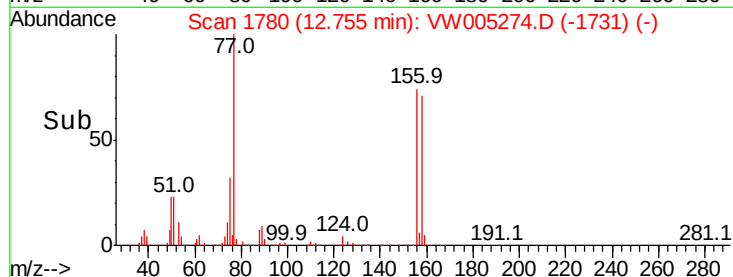
158 96.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.662 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005274.D

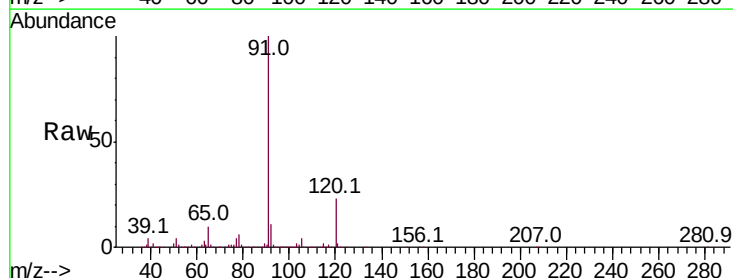
Acq: 11 Sep 2018 14:36

Tgt Ion: 91 Resp: 1468492

Ion Ratio Lower Upper

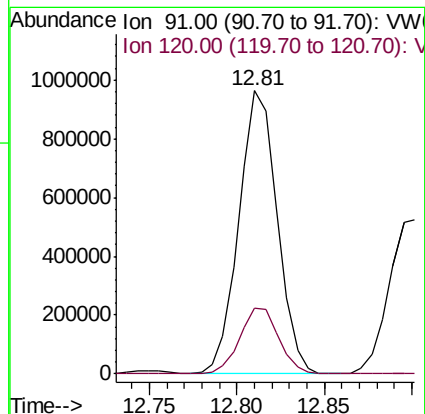
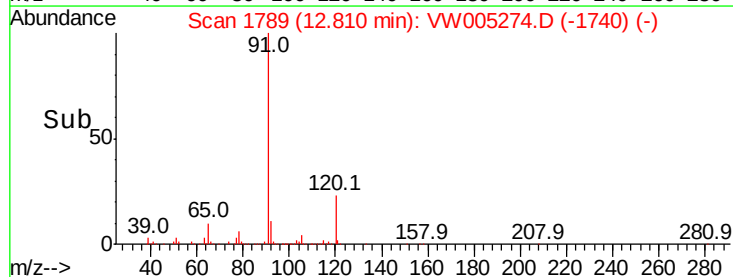
91 100

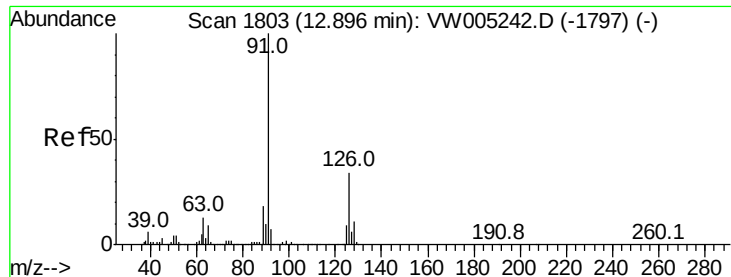
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.066 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

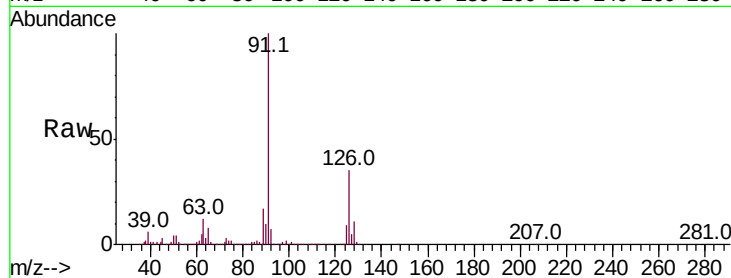
ClientSampleId :

Tot Ion: 91 Resp: 866922

Ion Ratio Lower Upper

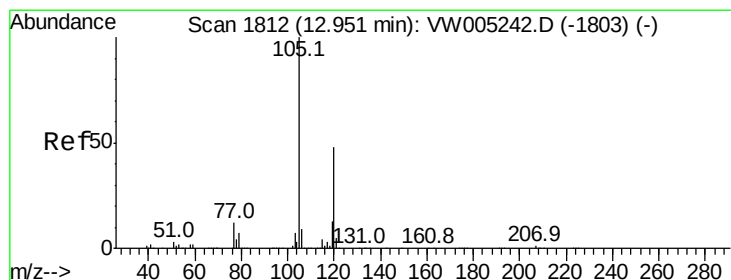
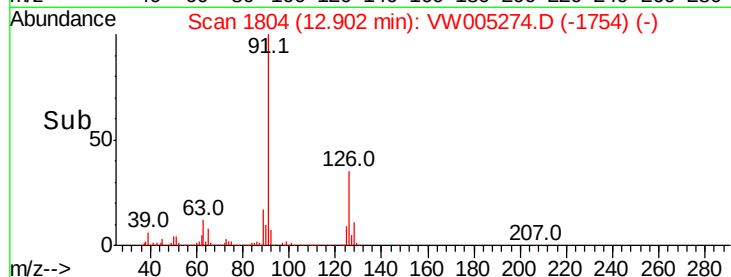
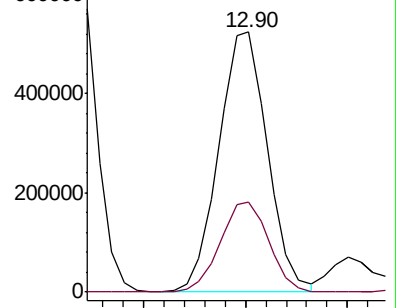
91 100

126 34.7 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: 48.117 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005274.D

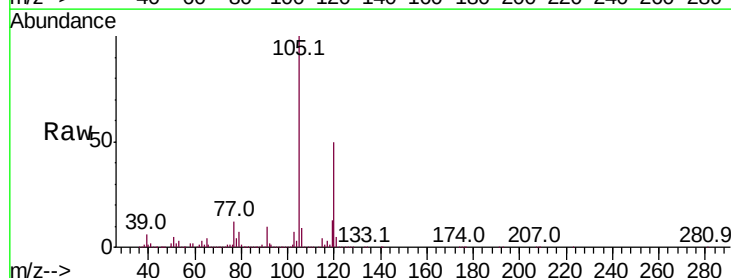
Acq: 11 Sep 2018 14:36

Tgt Ion:105 Resp: 1051111

Ion Ratio Lower Upper

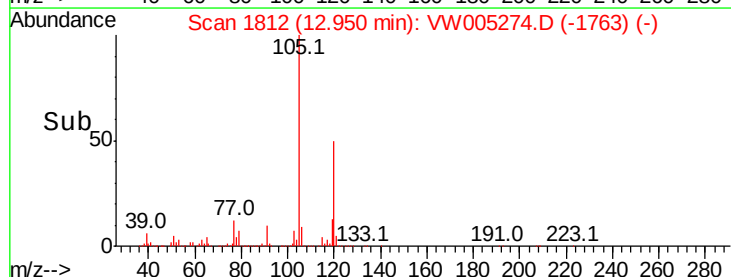
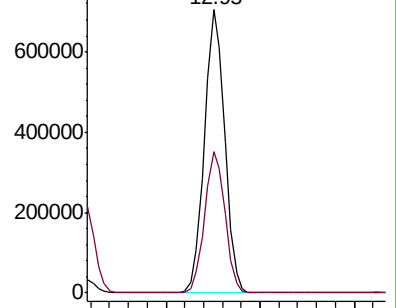
105 100

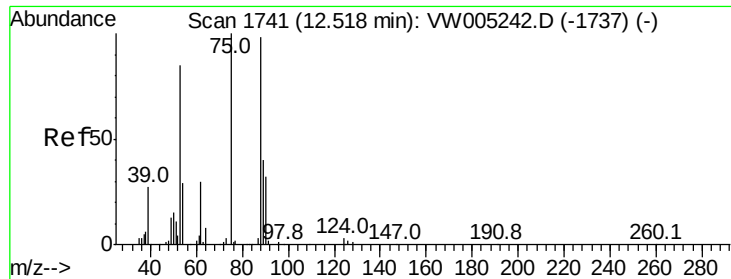
120 50.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

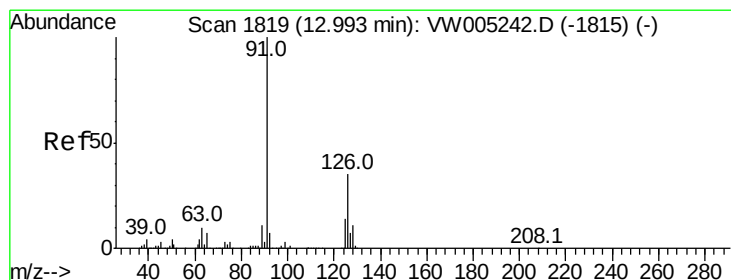
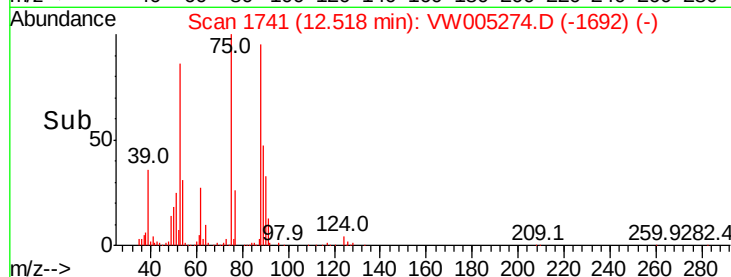
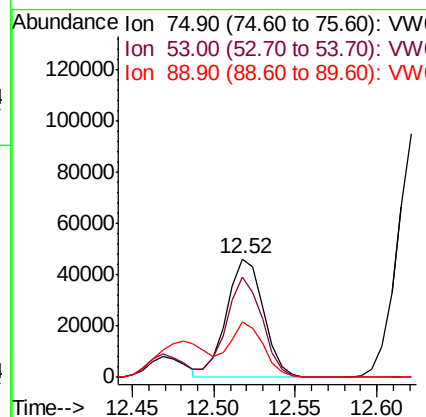
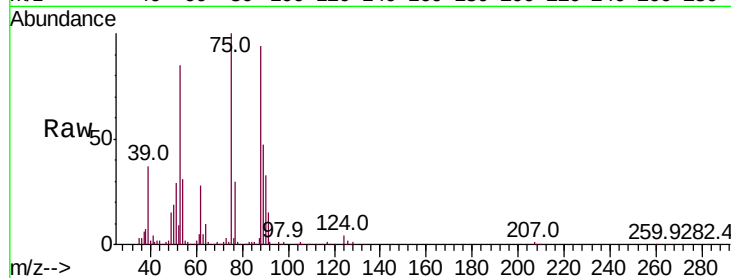




#81
trans-1,4-Dichloro-2-butene
Concen: 61.163 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

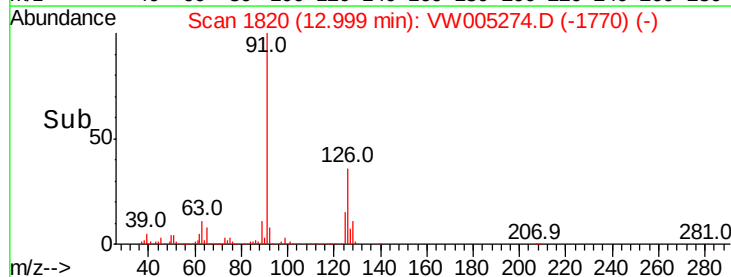
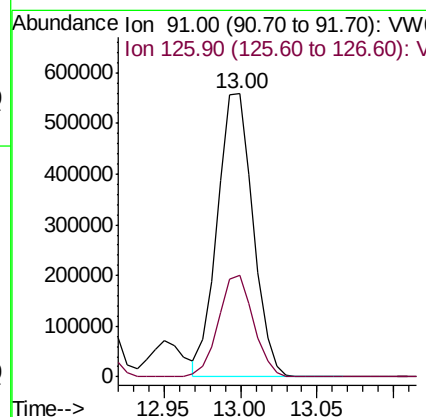
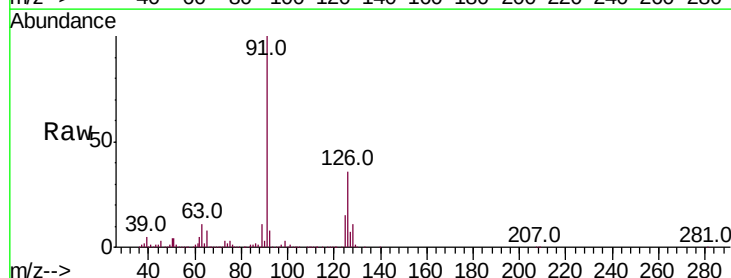
Instrument :
MSVOA_W
ClientSampled :

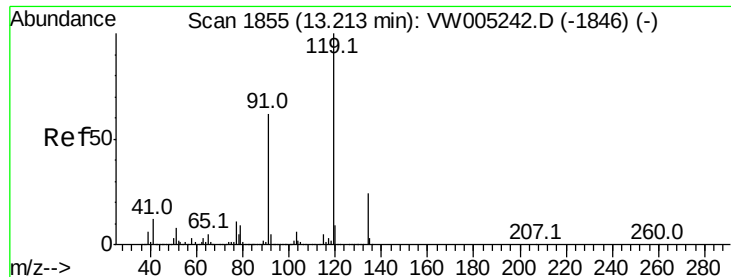
Tot Ion: 75 Resp: 72832
Ion Ratio Lower Upper
75 100
53 81.5 67.0 100.6
89 43.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.636 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion: 91 Resp: 903233
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5





#83

tert-Butylbenzene

Concen: 45.558 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampleId :

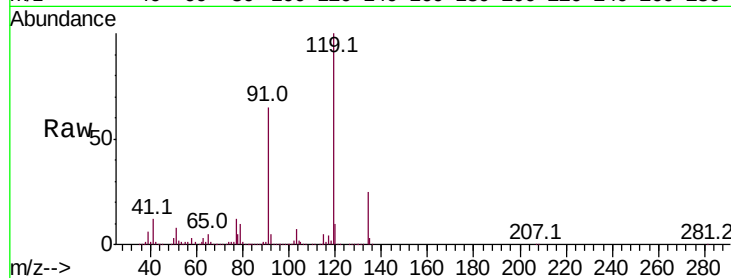
Tot Ion:119 Resp: 870410

Ion Ratio Lower Upper

119 100

91 63.9 31.7 95.1

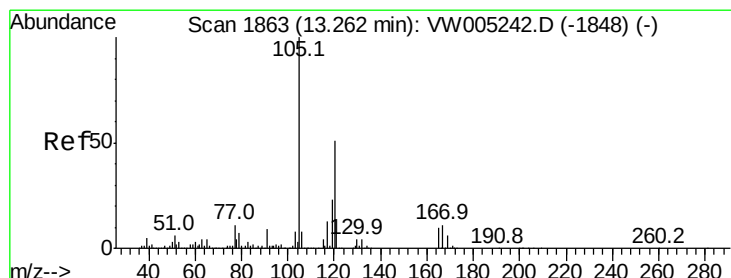
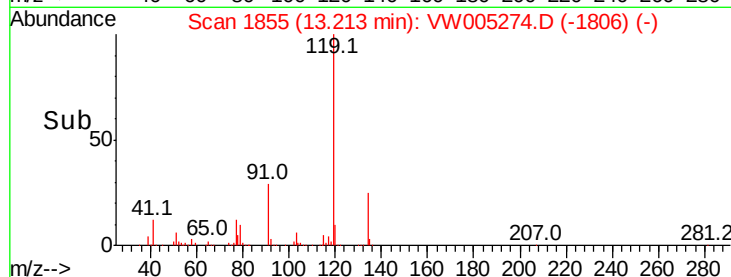
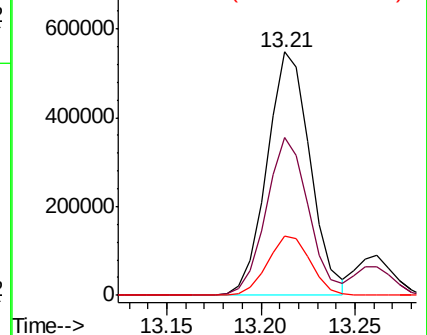
134 24.3 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.020 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005274.D

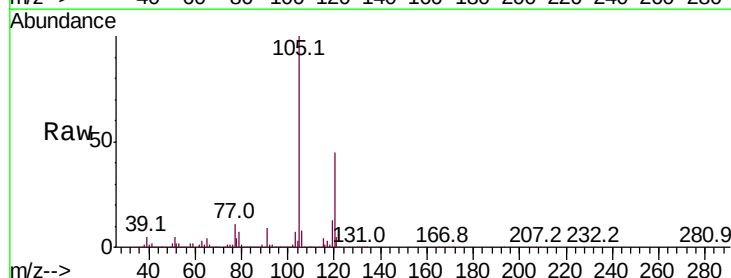
Acq: 11 Sep 2018 14:36

Tgt Ion:105 Resp: 1076070

Ion Ratio Lower Upper

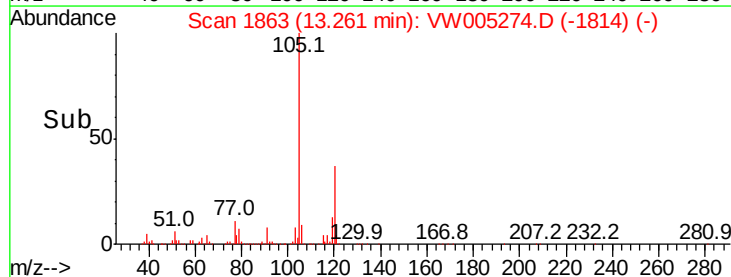
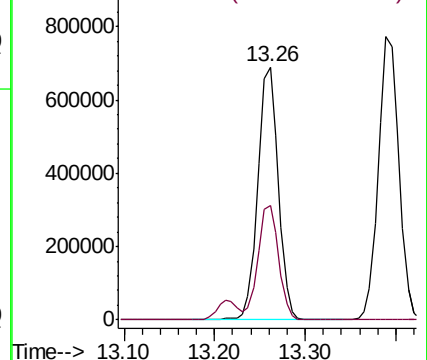
105 100

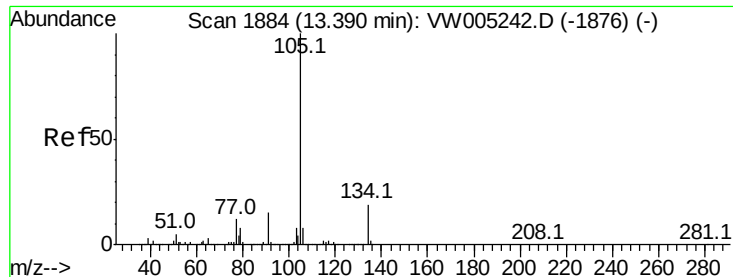
120 45.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.024 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

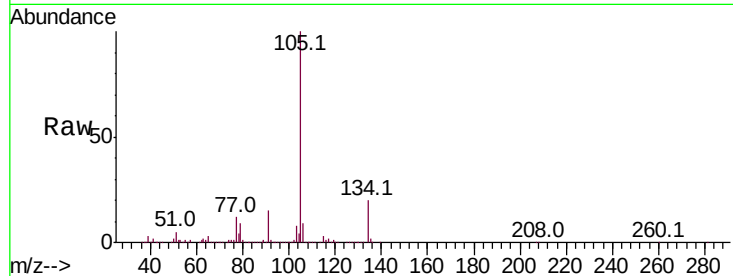
ClientSampled :

Tot Ion:105 Resp: 1208782

Ion Ratio Lower Upper

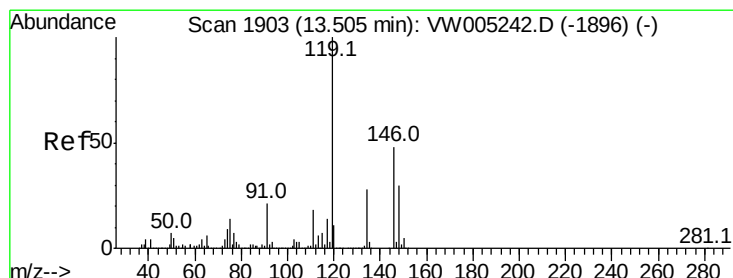
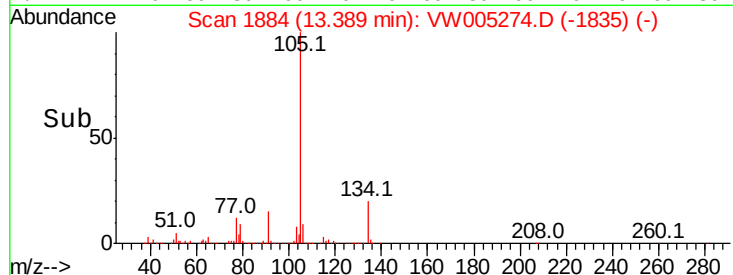
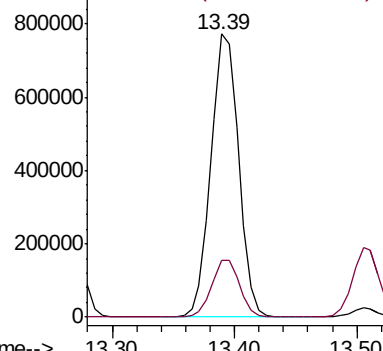
105 100

134 20.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.659 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

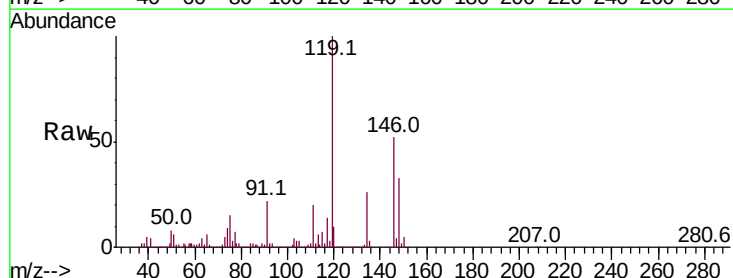
Tgt Ion:119 Resp: 1085517

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

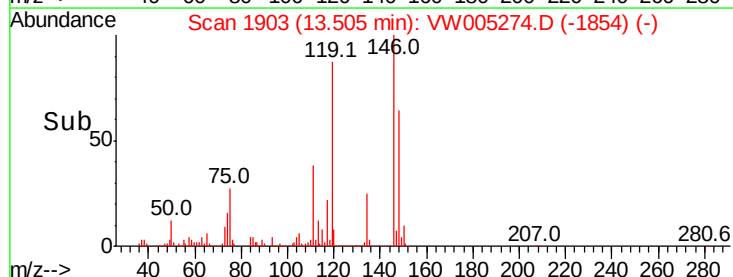
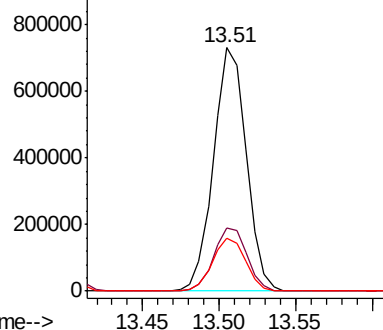
91 21.8 10.7 32.1

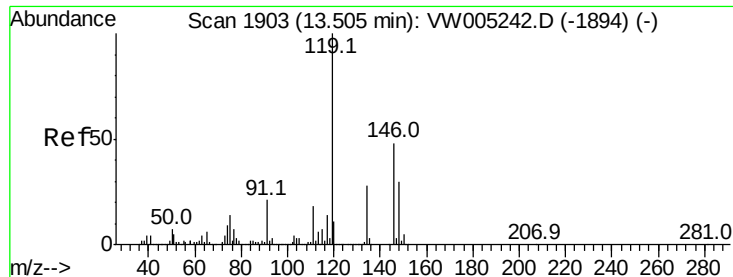


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

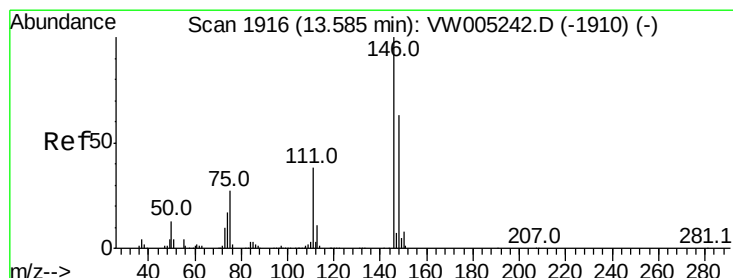
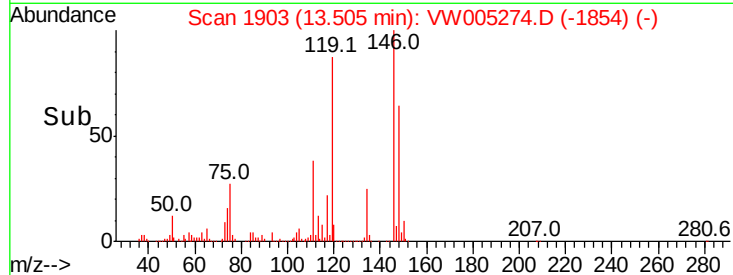
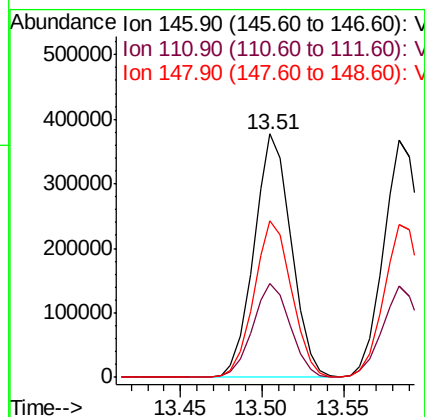
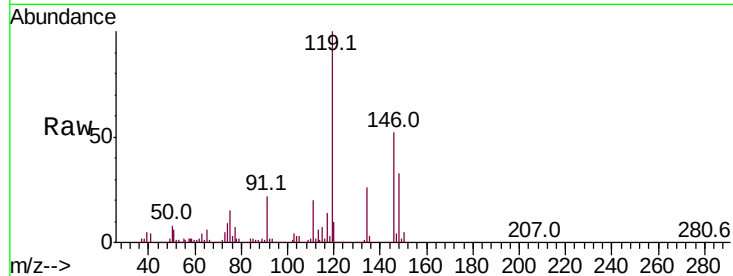




#87
 1,3-Dichlorobenzene
 Concen: 47.001 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

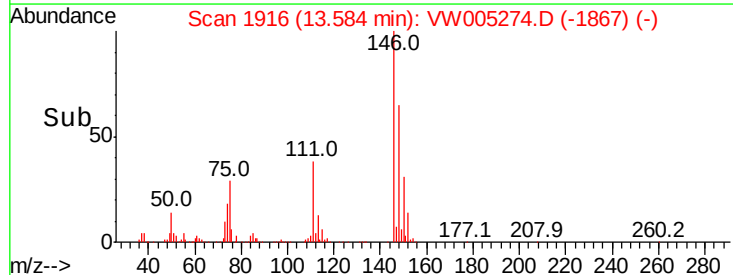
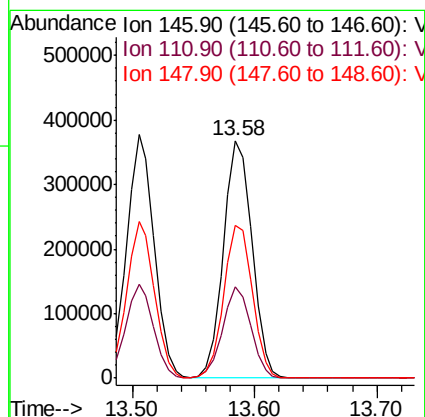
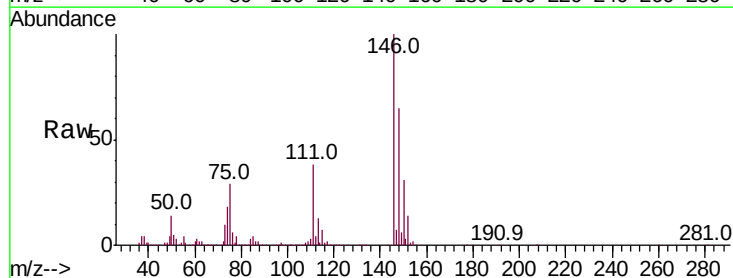
Instrument :
 MSVOA_W
 ClientSampleId :

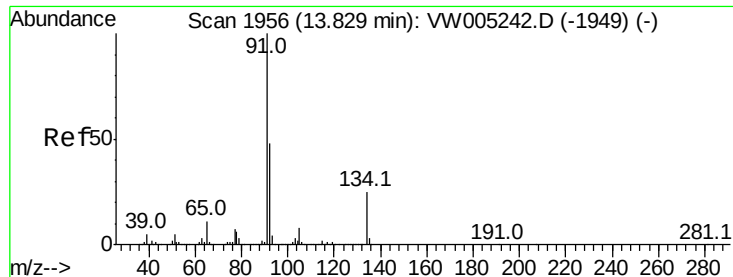
Tot Ion:146 Resp: 596471
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.3
 148 64.7 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 47.822 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion:146 Resp: 596078
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.3
 148 64.5 32.3 96.9





#89

n-Butylbenzene

Concen: 41.032 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005274.D

Acq: 11 Sep 2018 14:36

Instrument :

MSVOA_W

ClientSampleId :

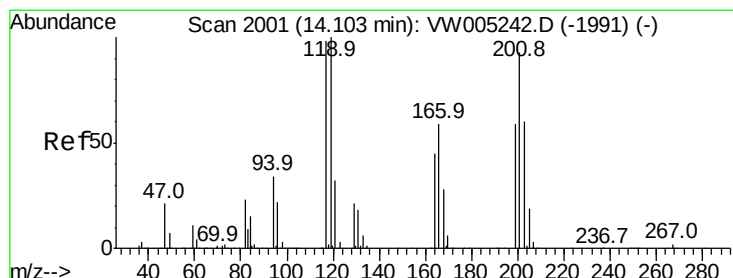
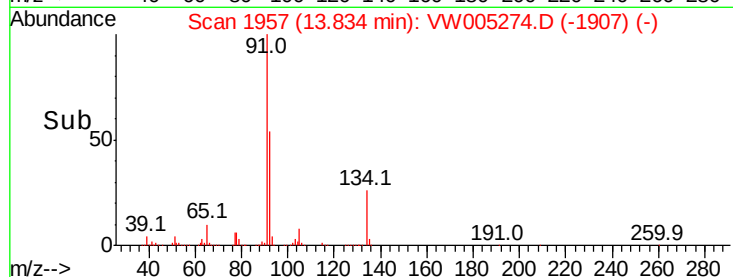
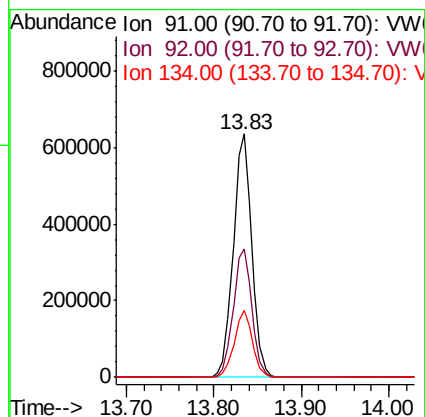
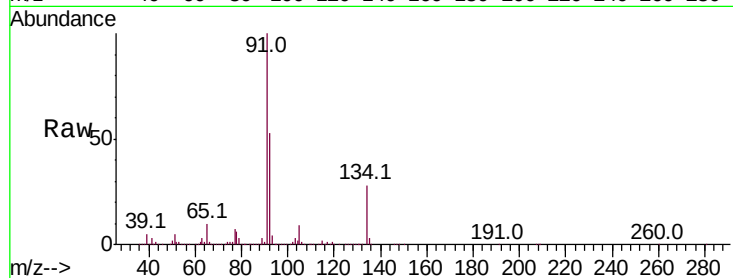
Tot Ion: 91 Resp: 937557

Ion Ratio Lower Upper

91 100

92 53.1 25.8 77.3

134 27.0 13.6 40.8



#90

Hexachloroethane

Concen: 43.540 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005274.D

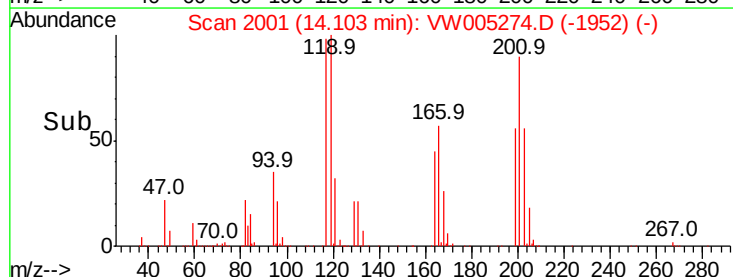
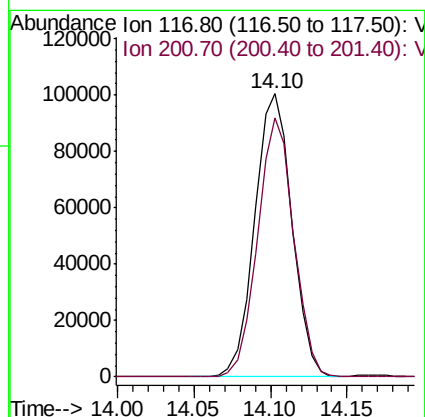
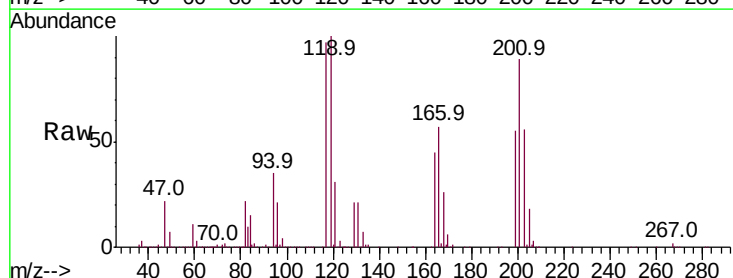
Acq: 11 Sep 2018 14:36

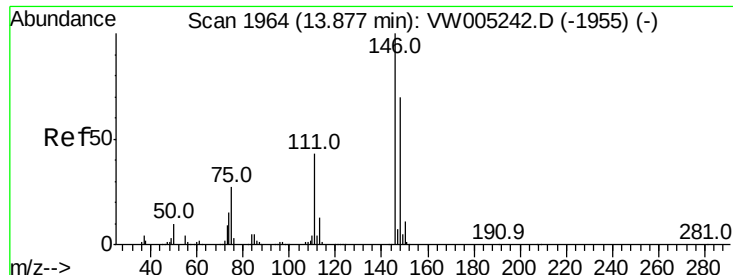
Tgt Ion: 117 Resp: 169557

Ion Ratio Lower Upper

117 100

201 88.9 44.0 132.1

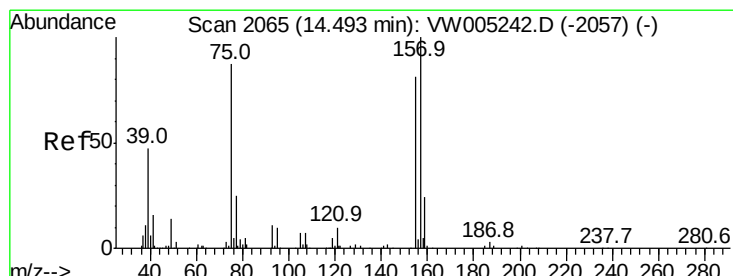
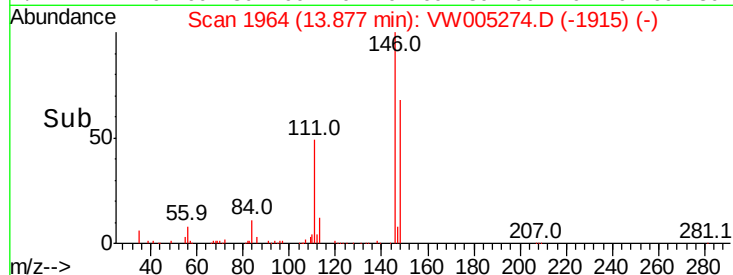
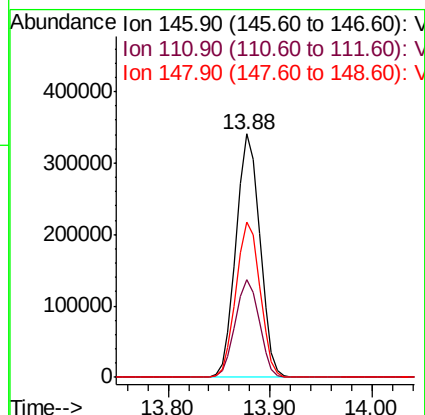
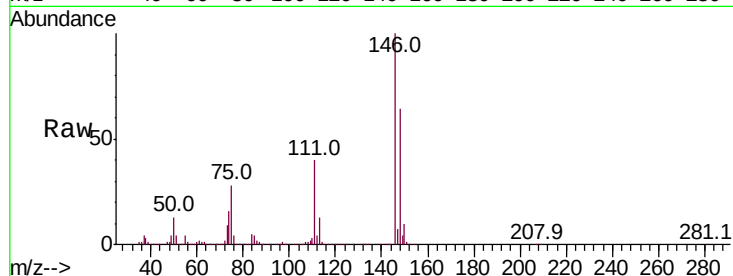




#91
 1,2-Dichlorobenzene
 Concen: 49.310 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

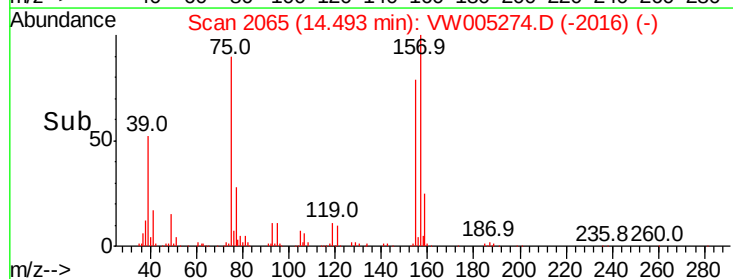
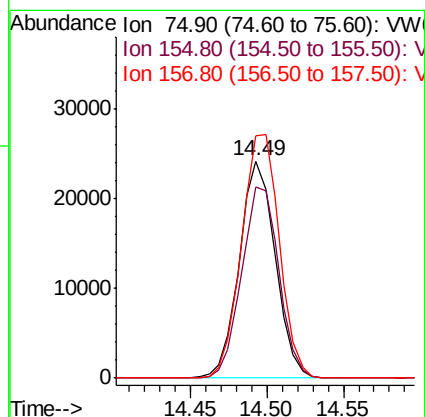
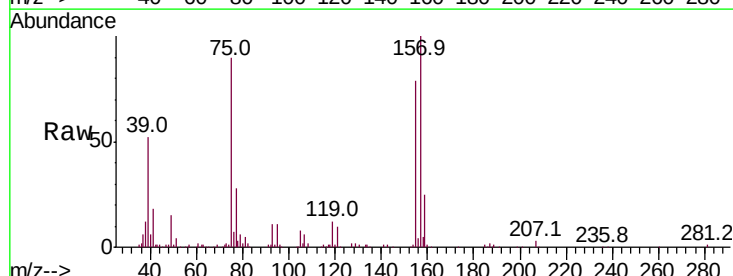
Instrument :
 MSVOA_W
 ClientSampleId :

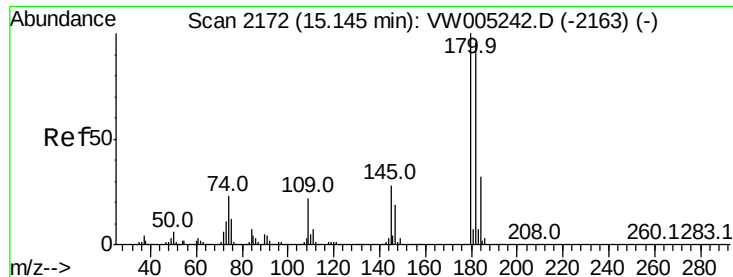
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.3	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.811 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	47.4	142.2
157	118.2	59.4	178.2

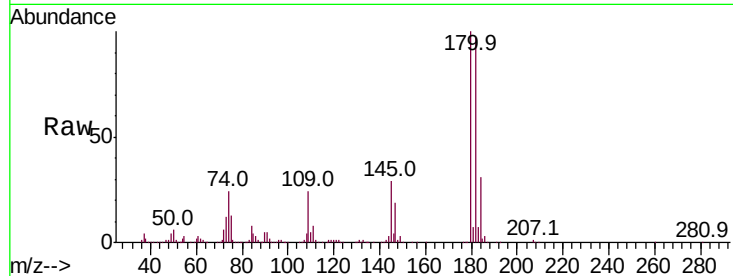




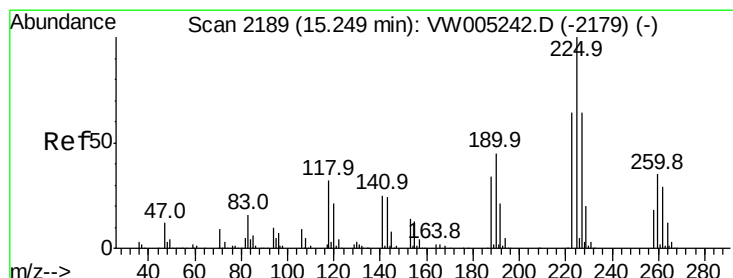
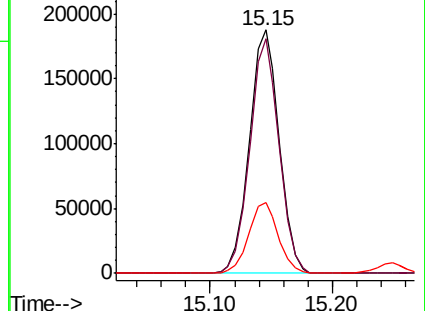
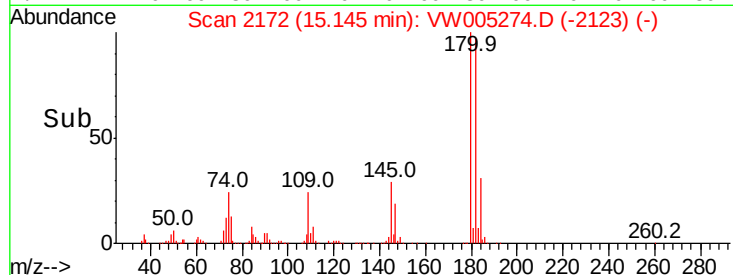
#93
 1,2,4-Trichlorobenzene
 Concen: 40.170 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.1	144.4
145	28.9	14.5	43.6

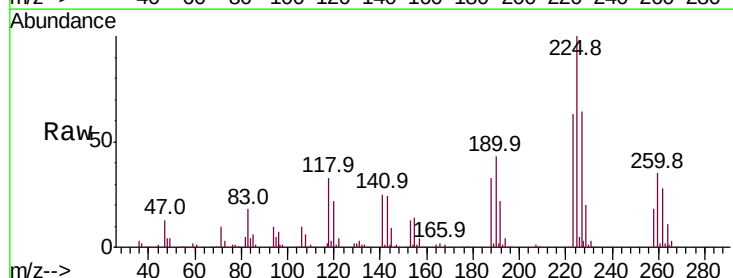


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

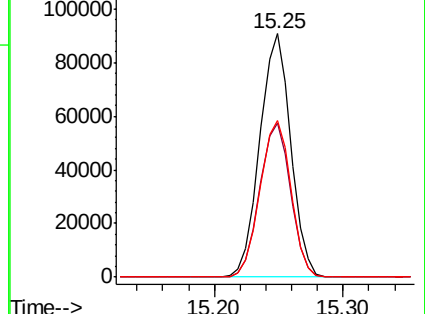
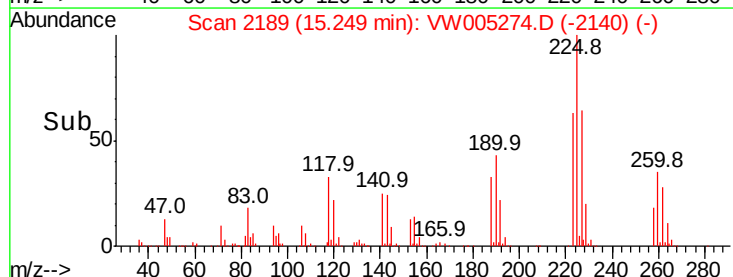


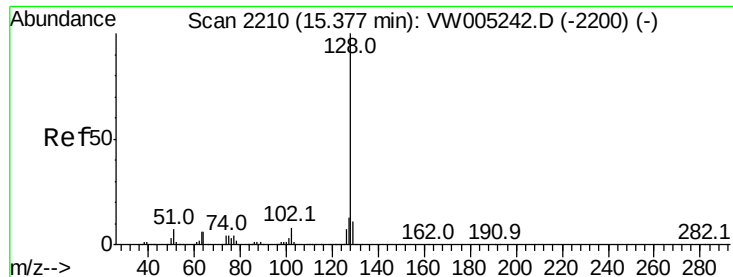
#94
 Hexachlorobutadiene
 Concen: 29.746 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005274.D
 Acq: 11 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.4	94.2
227	64.3	32.0	96.0



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

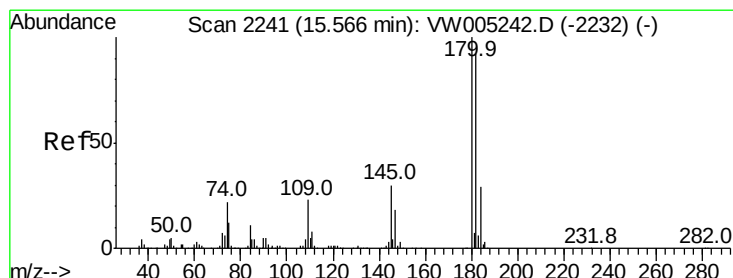
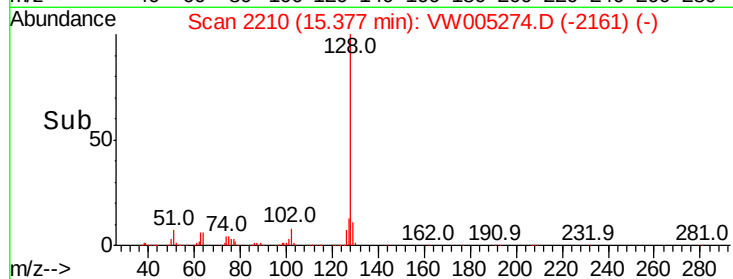
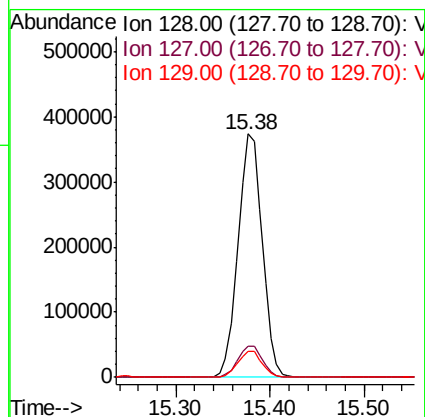
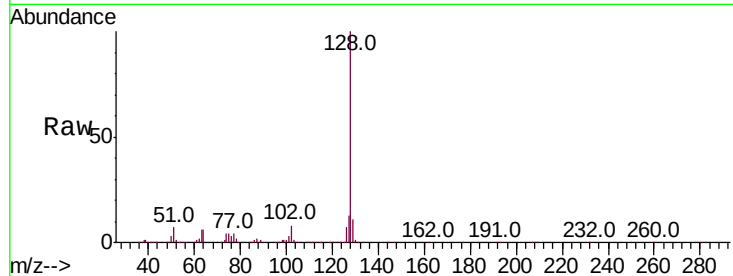




#95
Naphthalene
Concen: 52.147 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Instrument :
MSVOA_W
ClientSampleId :

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



#96
1,2,3-Trichlorobenzene
Concen: 41.104 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005274.D
Acq: 11 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.2	141.6
145	31.3	15.2	45.6

